ADDENDUM NO. 3

November 5, 2021

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
Crown Point, IN 46307

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated October 11, 2021 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 through ADD 3-2 and attached Addendum No. 3 from Gibraltar Design dated November 4, 2021 and consisting of 19 pages, Specification Section 08 34 73 - Sound Control Door Assemblies, Specification Section 11 66 43 - Scoreboards, and 107 drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. **Add:**

   Specification Section 08 34 73 - Sound Control Door Assemblies
   Specification Section 11 66 43 - Scoreboards

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. **BID CATEGORY NO. 1 - GENERAL TRADES**

   a. **Add:**

      Specification Section 08 34 73 - Sound Control Door Assemblies

2. **BID CATEGORY NO. 15 - ELECTRICAL**

a. **Add:**

Specification Section 11 66 43 - Scoreboards

C. SPECIFICATION SECTION 01 21 00 - ALLOWANCES

Under 3.01 PRODUCT ALLOWANCE

a. **Add:**

B. The **Bid Category No. 6 - Painting Contractor** is to include $45,000 in their bid to provide the following:

1. Graphic Wall Coverings indicated for the Weight Room, Career Center, two locations in the Second Floor Corridor.
2. Graphic Wall Panels indicated for the Media Center, one location in the PLTW Corridor, two locations in the PLTW Lab, and two locations in the Athletic corridor.
3. Painted Mural of the Bulldog in the Weight Room.
4. Scope is to include all labor, materials, adhesives, and accessories as required to provide final finishes.

D. SPECIFICATION SECTION 01 23 00 - ALTERNATES

1. **Add:**

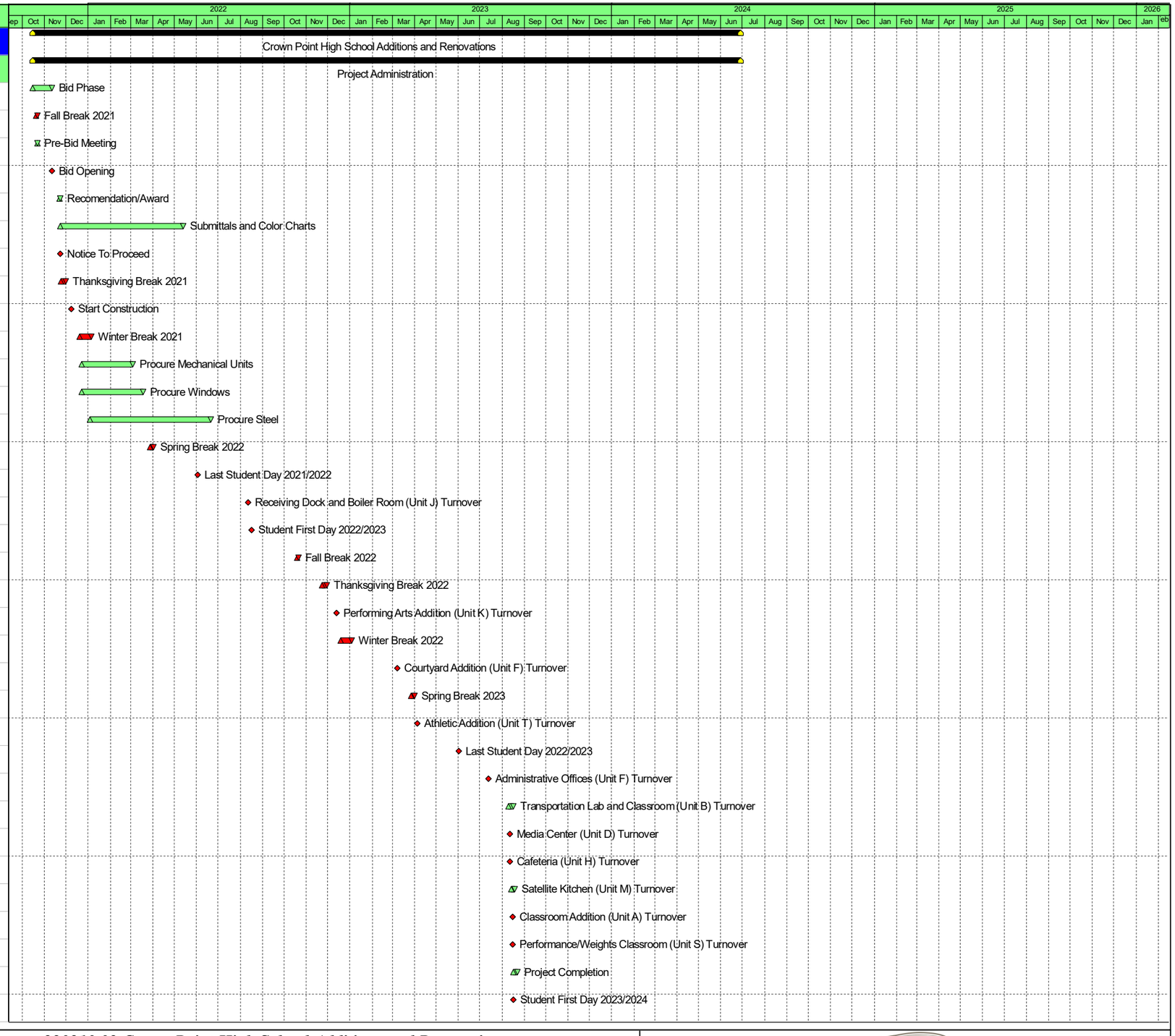
ALTERNATE NO. 11: State the cost to provide scoreboards manufactured by Daktronics as indicated in the Specifications if not already included in your Base Bid.

E. SPECIFICATION SECTION 01 32 00 - SCHEDULES AND REPORTS

1. **Replace:**

The Guideline Schedule in its entirety with the attached revised Guideline Schedule.

Activity Name	Original Duration	Start	Finish
Crown Point High School Additions and Renovations	695	Oct-15-2021	Jun-28-2024
Project Administration	695	Oct-15-2021	Jun-28-2024
Bid Phase	20	Oct-15-2021	Nov-11-2021
Fall Break 2021	3	Oct-20-2021*	Oct-22-2021
Pre-Bid Meeting	1	Oct-22-2021	Oct-22-2021
Bid Opening	0		Nov-11-2021
Recomendation/Award	1	Nov-22-2021	Nov-22-2021
Submittals and Color Charts	120	Nov-23-2021	May-13-2022
Notice To Proceed	0	Nov-23-2021	
Thanksgiving Break 2021	3	Nov-24-2021*	Nov-30-2021
Start Construction	0	Dec-08-2021	
Winter Break 2021	11	Dec-20-2021*	Jan-05-2022
Procure Mechanical Units	50	Dec-23-2021	Mar-04-2022
Procure Windows	60	Dec-23-2021	Mar-18-2022
Procure Steel	120	Jan-03-2022	Jun-20-2022
Spring Break 2022	5	Mar-28-2022*	Apr-01-2022
Last Student Day 2021/2022	0		Jun-02-2022*
Receiving Dock and Boiler Room (Unit J) Turnover	0		Aug-11-2022
Student First Day 2022/2023	0	Aug-17-2022*	
Fall Break 2022	3	Oct-19-2022*	Oct-21-2022
Thanksgiving Break 2022	3	Nov-23-2022*	Nov-29-2022
Performing Arts Addition (Unit K) Turnover	0		Dec-13-2022
Winter Break 2022	10	Dec-19-2022*	Jan-03-2023
Courtyard Addition (Unit F) Turnover	0		Mar-07-2023
Spring Break 2023	5	Mar-27-2023*	Mar-31-2023
Athletic Addition (Unit T) Turnover	0		Apr-04-2023
Last Student Day 2022/2023	0		Jun-01-2023*
Administrative Offices (Unit F) Turnover	0		Jul-12-2023
Transportation Lab and Classroom (Unit B) Turnover	5	Aug-10-2023	Aug-16-2023
Media Center (Unit D) Turnover	0		Aug-11-2023
Cafeteria (Unit H) Turnover	0		Aug-11-2023
Satellite Kitchen (Unit M) Turnover	5	Aug-14-2023	Aug-18-2023
Classroom Addition (Unit A) Turnover	0		Aug-15-2023
Performance/Weights Classroom (Unit S) Turnover	0		Aug-15-2023
Project Completion	5	Aug-16-2023	Aug-22-2023
Student First Day 2023/2024	0	Aug-16-2023*	



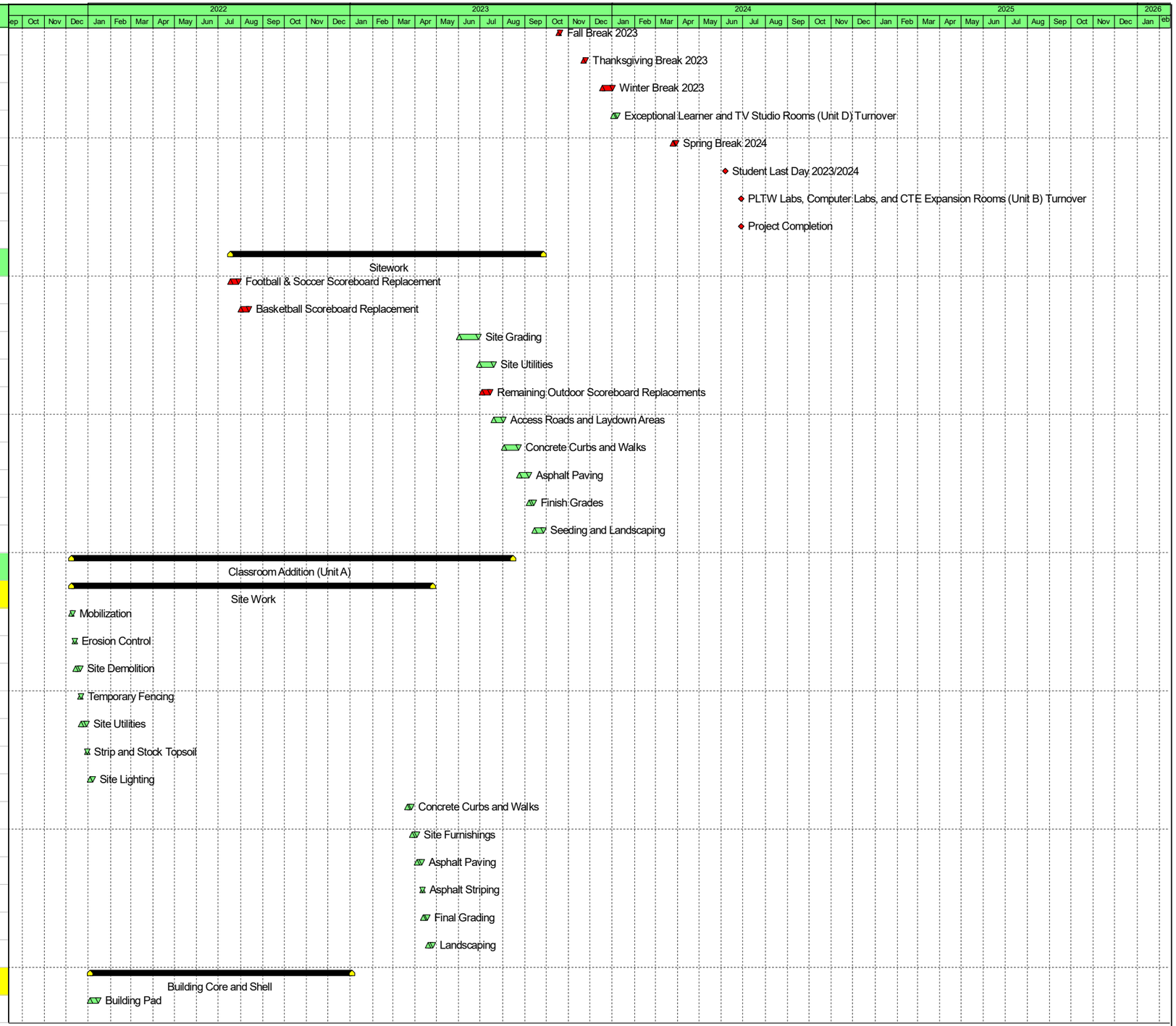
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

220210.02 Crown Point High School Additions and Renovations

Revised Guideline Schedule Addendum 3 Nov-5-2021

SKILLMAN

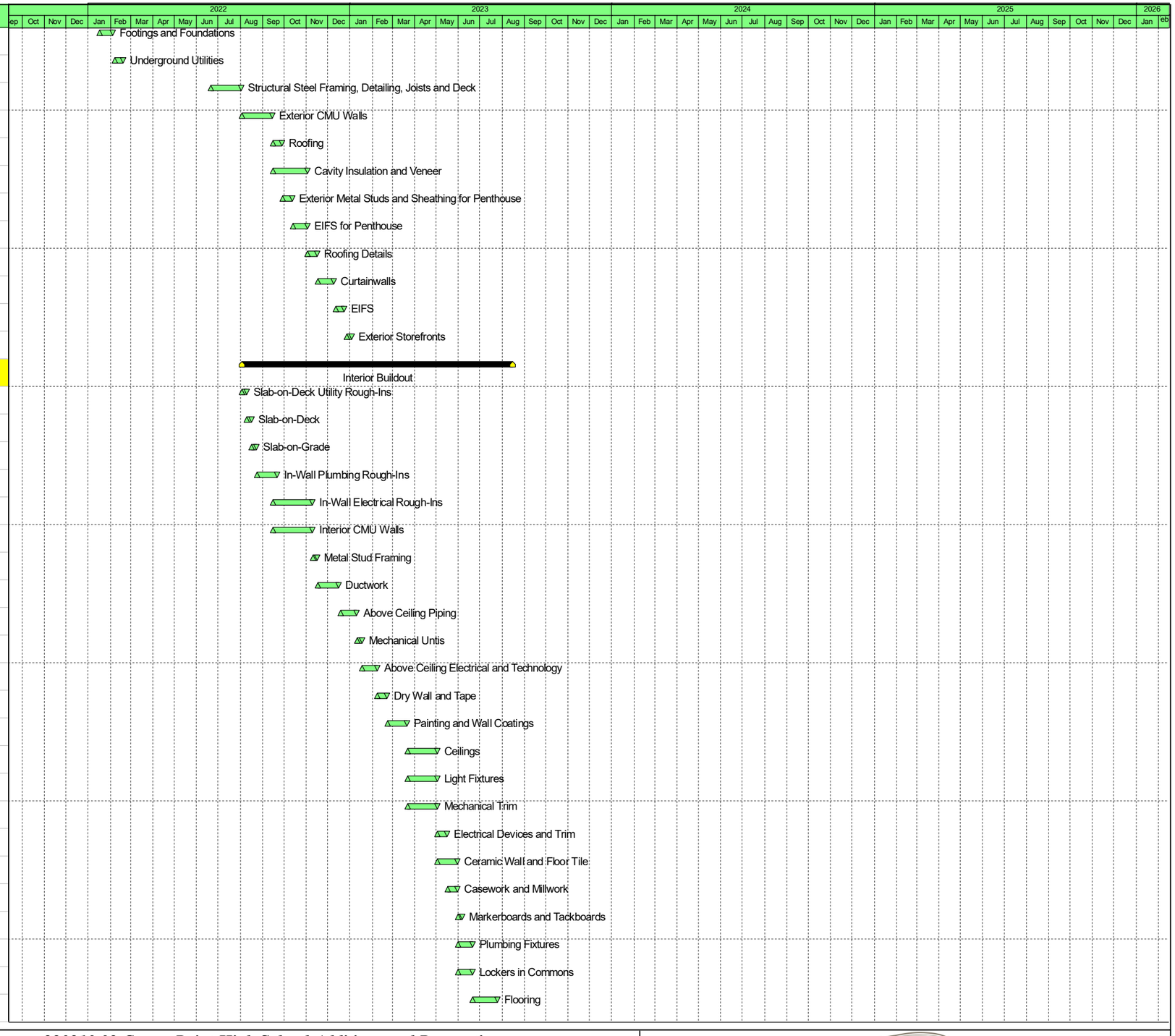
Activity Name	Original Duration	Start	Finish
Fall Break 2023	3	Oct-18-2023*	Oct-20-2023
Thanksgiving Break 2023	3	Nov-22-2023*	Nov-24-2023
Winter Break 2023	11	Dec-18-2023*	Jan-01-2024
Exceptional Learner and TV Studio Rooms (Unit D) Turnover	5	Jan-02-2024	Jan-08-2024
Spring Break 2024	5	Mar-25-2024*	Mar-29-2024
Student Last Day 2023/2024	0		Jun-06-2024*
PLTW Labs, Computer Labs, and CTE Expansion Rooms (Unit B) Turnover	0		Jun-28-2024
Project Completion	0		Jun-28-2024
Sitework	308	Jul-18-2022	Sep-27-2023
Football & Soccer Scoreboard Replacement	10	Jul-18-2022*	Jul-29-2022
Basketball Scoreboard Replacement	10	Aug-01-2022*	Aug-12-2022
Site Grading	20	Jun-01-2023	Jun-28-2023
Site Utilities	15	Jun-29-2023	Jul-19-2023
Remaining Outdoor Scoreboard Replacements	10	Jul-03-2023*	Jul-14-2023
Access Roads and Laydown Areas	10	Jul-20-2023	Aug-02-2023
Concrete Curbs and Walks	15	Aug-03-2023	Aug-23-2023
Asphalt Paving	10	Aug-24-2023	Sep-06-2023
Finish Grades	5	Sep-07-2023	Sep-13-2023
Seeding and Landscaping	10	Sep-14-2023	Sep-27-2023
Classroom Addition (Unit A)	431	Dec-08-2021	Aug-15-2023
Site Work	351	Dec-08-2021	Apr-25-2023
Mobilization	3	Dec-08-2021	Dec-10-2021
Erosion Control	1	Dec-13-2021	Dec-13-2021
Site Demolition	5	Dec-14-2021	Dec-20-2021
Temporary Fencing	1	Dec-21-2021	Dec-21-2021
Site Utilities	5	Dec-22-2021	Dec-29-2021
Strip and Stock Topsoil	1	Dec-30-2021	Dec-30-2021
Site Lighting	5	Jan-03-2022	Jan-07-2022
Concrete Curbs and Walks	5	Mar-21-2023	Mar-27-2023
Site Furnishings	5	Mar-28-2023	Apr-03-2023
Asphalt Paving	5	Apr-04-2023	Apr-10-2023
Asphalt Striping	1	Apr-11-2023	Apr-11-2023
Final Grading	5	Apr-12-2023	Apr-18-2023
Landscaping	5	Apr-19-2023	Apr-25-2023
Building Core and Shell	255	Jan-03-2022	Jan-03-2023
Building Pad	10	Jan-03-2022	Jan-14-2022



Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

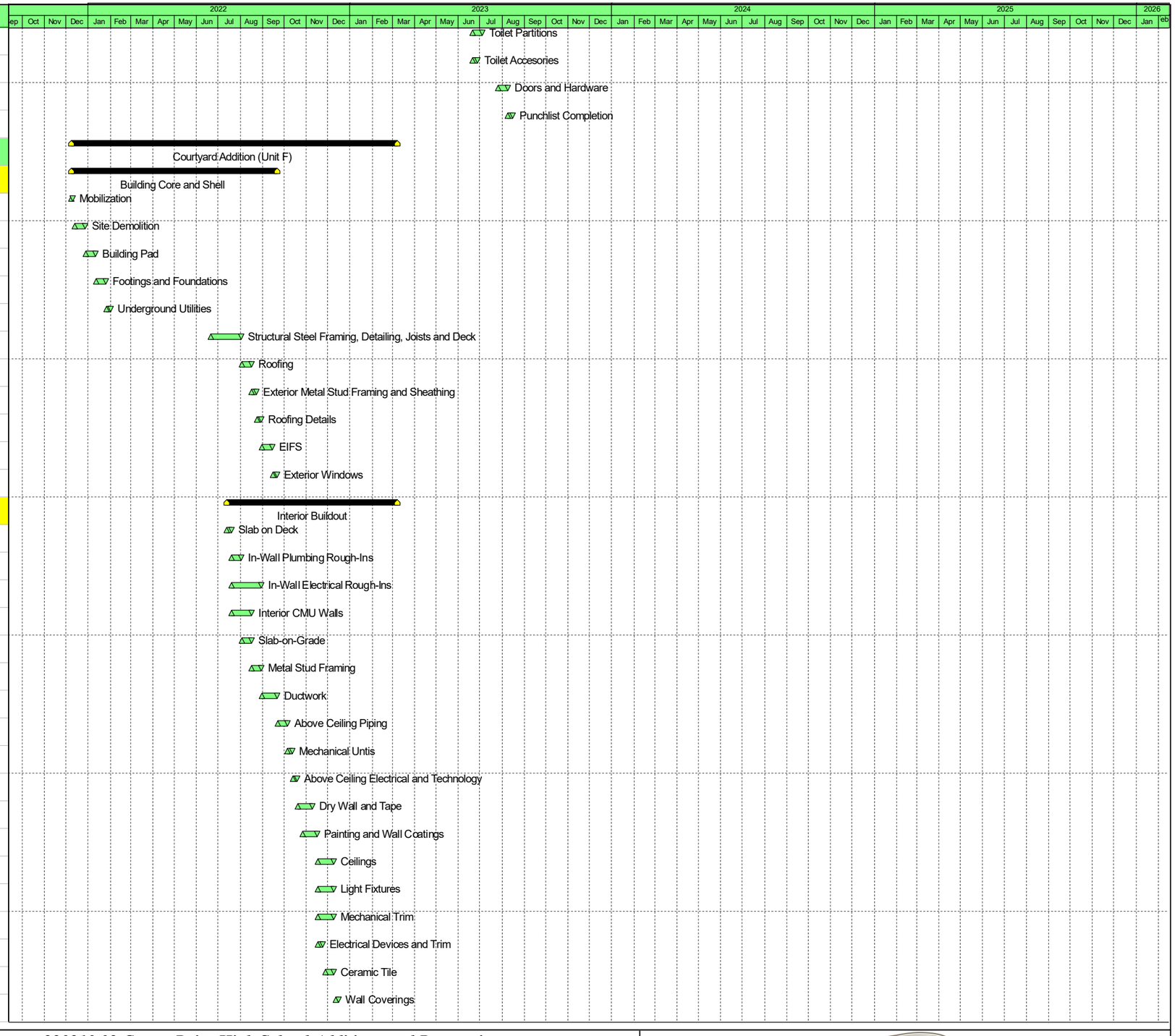
SKILLMAN

Activity Name	Original Duration	Start	Finish
Footings and Foundations	15	Jan-17-2022	Feb-04-2022
Underground Utilities	10	Feb-07-2022	Feb-18-2022
Structural Steel Framing, Detailing, Joists and Deck	30	Jun-21-2022	Aug-02-2022
Exterior CMU Walls	30	Aug-03-2022	Sep-14-2022
Roofing	10	Sep-15-2022	Sep-28-2022
Cavity Insulation and Veneer	35	Sep-15-2022	Nov-02-2022
Exterior Metal Studs and Sheathing for Penthouse	10	Sep-29-2022	Oct-12-2022
EIFS for Penthouse	15	Oct-13-2022	Nov-02-2022
Roofing Details	10	Nov-03-2022	Nov-16-2022
Curtainwalls	15	Nov-17-2022	Dec-09-2022
EIFS	10	Dec-12-2022	Dec-23-2022
Exterior Storefronts	5	Dec-27-2022	Jan-03-2023
Interior Buildout	265	Aug-03-2022	Aug-15-2023
Slab-on-Deck Utility Rough-Ins	5	Aug-03-2022	Aug-09-2022
Slab-on-Deck	5	Aug-10-2022	Aug-16-2022
Slab-on-Grade	5	Aug-17-2022	Aug-23-2022
In-Wall Plumbing Rough-Ins	20	Aug-24-2022	Sep-21-2022
In-Wall Electrical Rough-Ins	40	Sep-15-2022	Nov-09-2022
Interior CMU Walls	40	Sep-15-2022	Nov-09-2022
Metal Stud Framing	5	Nov-10-2022	Nov-16-2022
Ductwork	20	Nov-17-2022	Dec-16-2022
Above Ceiling Piping	15	Dec-19-2022	Jan-10-2023
Mechanical Untis	5	Jan-11-2023	Jan-17-2023
Above Ceiling Electrical and Technology	15	Jan-18-2023	Feb-07-2023
Dry Wall and Tape	10	Feb-08-2023	Feb-21-2023
Painting and Wall Coatings	20	Feb-22-2023	Mar-21-2023
Ceilings	30	Mar-22-2023	May-02-2023
Light Fixtures	30	Mar-22-2023	May-02-2023
Mechanical Trim	30	Mar-22-2023	May-02-2023
Electrical Devices and Trim	10	May-03-2023	May-16-2023
Ceramic Wall and Floor Tile	20	May-03-2023	May-30-2023
Casework and Millwork	10	May-17-2023	May-30-2023
Markerboards and Tackboards	5	May-31-2023	Jun-06-2023
Plumbing Fixtures	15	May-31-2023	Jun-20-2023
Lockers in Commons	15	May-31-2023	Jun-20-2023
Flooring	25	Jun-21-2023	Jul-25-2023



Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Activity Name	Original Duration	Start	Finish
Toilet Partitions	10	Jun-21-2023	Jul-04-2023
Toilet Accesories	5	Jun-21-2023	Jun-27-2023
Doors and Hardware	10	Jul-26-2023	Aug-08-2023
Punchlist Completion	5	Aug-09-2023	Aug-15-2023
Courtyard Addition (Unit F)	316	Dec-08-2021	Mar-07-2023
Building Core and Shell	201	Dec-08-2021	Sep-21-2022
Mobilization	3	Dec-08-2021	Dec-10-2021
Site Demolition	10	Dec-13-2021	Dec-27-2021
Building Pad	10	Dec-28-2021	Jan-11-2022
Footings and Foundations	10	Jan-12-2022	Jan-25-2022
Underground Utilities	5	Jan-26-2022	Feb-01-2022
Structural Steel Framing, Detailing, Joists and Deck	30	Jun-21-2022	Aug-02-2022
Roofing	10	Aug-03-2022	Aug-16-2022
Exterior Metal Stud Framing and Sheathing	5	Aug-17-2022	Aug-23-2022
Roofing Details	5	Aug-24-2022	Aug-30-2022
EIFS	10	Aug-31-2022	Sep-14-2022
Exterior Windows	5	Sep-15-2022	Sep-21-2022
Interior Buildout	165	Jul-13-2022	Mar-07-2023
Slab on Deck	5	Jul-13-2022	Jul-19-2022
In-Wall Plumbing Rough-Ins	10	Jul-20-2022	Aug-02-2022
In-Wall Electrical Rough-Ins	30	Jul-20-2022	Aug-30-2022
Interior CMU Walls	20	Jul-20-2022	Aug-16-2022
Slab-on-Grade	10	Aug-03-2022	Aug-16-2022
Metal Stud Framing	10	Aug-17-2022	Aug-30-2022
Ductwork	15	Aug-31-2022	Sep-21-2022
Above Ceiling Piping	10	Sep-22-2022	Oct-05-2022
Mechanical Untis	5	Oct-06-2022	Oct-12-2022
Above Ceiling Electrical and Technology	5	Oct-13-2022	Oct-19-2022
Dry Wall and Tape	15	Oct-20-2022	Nov-09-2022
Painting and Wall Coatings	15	Oct-27-2022	Nov-16-2022
Ceilings	15	Nov-17-2022	Dec-09-2022
Light Fixtures	15	Nov-17-2022	Dec-09-2022
Mechanical Trim	15	Nov-17-2022	Dec-09-2022
Electrical Devices and Trim	5	Nov-17-2022	Nov-23-2022
Ceramic Tile	10	Nov-28-2022	Dec-09-2022
Wall Coverings	5	Dec-12-2022	Dec-16-2022



Actual Work
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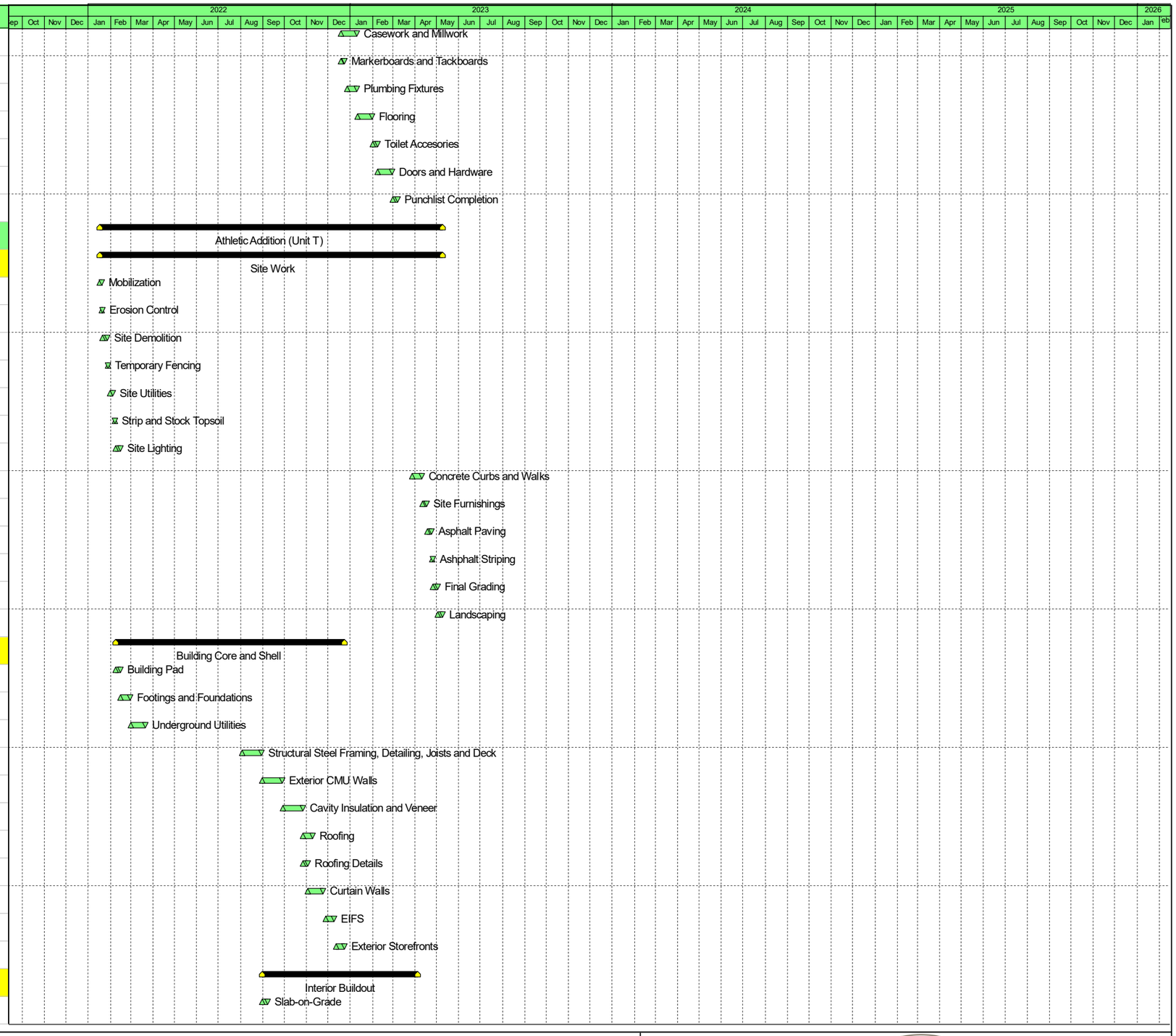
SKILLMAN

Activity Name	Original Duration	Start	Finish
Casework and Millwork	15	Dec-19-2022	Jan-10-2023
Markerboards and Tackboards	5	Dec-19-2022	Dec-23-2022
Plumbing Fixtures	10	Dec-27-2022	Jan-10-2023
Flooring	15	Jan-11-2023	Jan-31-2023
Toilet Accesories	5	Feb-01-2023	Feb-07-2023
Doors and Hardware	15	Feb-08-2023	Feb-28-2023
Punchlist Completion	5	Mar-01-2023	Mar-07-2023
Athletic Addition (Unit T)	335	Jan-17-2022	May-09-2023
Site Work	335	Jan-17-2022	May-09-2023
Mobilization	3	Jan-17-2022	Jan-19-2022
Erosion Control	1	Jan-20-2022	Jan-20-2022
Site Demolition	5	Jan-21-2022	Jan-27-2022
Temporary Fencing	1	Jan-28-2022	Jan-28-2022
Site Utilities	5	Jan-31-2022	Feb-04-2022
Strip and Stock Topsoil	1	Feb-07-2022	Feb-07-2022
Site Lighting	5	Feb-08-2022	Feb-14-2022
Concrete Curbs and Walks	10	Mar-28-2023	Apr-10-2023
Site Furnishings	5	Apr-11-2023	Apr-17-2023
Asphalt Paving	5	Apr-18-2023	Apr-24-2023
Ashphalt Striping	1	Apr-25-2023	Apr-25-2023
Final Grading	5	Apr-26-2023	May-02-2023
Landscaping	5	May-03-2023	May-09-2023
Building Core and Shell	224	Feb-08-2022	Dec-23-2022
Building Pad	5	Feb-08-2022	Feb-14-2022
Footings and Foundations	10	Feb-15-2022	Feb-28-2022
Underground Utilities	15	Mar-01-2022	Mar-21-2022
Structural Steel Framing, Detailing, Joists and Deck	20	Aug-03-2022	Aug-30-2022
Exterior CMU Walls	20	Aug-31-2022	Sep-28-2022
Cavity Insulation and Veneer	20	Sep-29-2022	Oct-26-2022
Roofing	10	Oct-27-2022	Nov-09-2022
Roofing Details	5	Oct-27-2022	Nov-02-2022
Curtain Walls	15	Nov-03-2022	Nov-23-2022
EIFS	10	Nov-28-2022	Dec-09-2022
Exterior Storefronts	10	Dec-12-2022	Dec-23-2022
Interior Buildout	150	Aug-31-2022	Apr-04-2023
Slab-on-Grade	5	Aug-31-2022	Sep-07-2022



Actual Work
Remaining Work
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Summary

Activity Name	Original Duration	Start	Finish
Ductwork	10	Sep-08-2022	Sep-21-2022
Fire Protection Piping	5	Sep-22-2022	Sep-28-2022
Electrical Rough-Ins	10	Sep-29-2022	Oct-12-2022
Painting	20	Oct-13-2022	Nov-09-2022
Athletic Equipment	10	Nov-10-2022	Nov-23-2022
Light Fixtures	10	Nov-28-2022	Dec-09-2022
Acoustical Wall Panels	15	Dec-12-2022	Jan-03-2023
Custom Wall Graphics	5	Dec-12-2022	Dec-16-2022
Technology Equipment	5	Jan-04-2023	Jan-10-2023
Rubber Sports Floor	10	Jan-11-2023	Jan-24-2023
Indoor Field Turf	20	Jan-25-2023	Feb-21-2023
Punchlist Completion	5	Feb-22-2023	Feb-28-2023
Locker Room	145	Sep-08-2022	Apr-04-2023
In-Wall Plumbing Rough-Ins	10	Sep-08-2022	Sep-21-2022
In-Wall Electrical Rough-Ins	15	Sep-22-2022	Oct-12-2022
Interior CMU Walls	15	Sep-22-2022	Oct-12-2022
Ductwork	10	Oct-13-2022	Oct-26-2022
Above Ceiling Piping	10	Oct-27-2022	Nov-09-2022
Mechanical Untis	5	Nov-10-2022	Nov-16-2022
Above Ceiling Electrical and Technology	5	Nov-17-2022	Nov-23-2022
Metal Stud Framing	5	Nov-28-2022	Dec-02-2022
Dry Wall and Tape	10	Dec-05-2022	Dec-16-2022
Painting and Wall Coatings	10	Dec-19-2022	Jan-03-2023
Ceilings	5	Jan-04-2023	Jan-10-2023
Light Fixtures	5	Jan-04-2023	Jan-10-2023
Mechanical Trim	5	Jan-04-2023	Jan-10-2023
Lockers and Benches	5	Jan-11-2023	Jan-17-2023
Electrical Devices and Trim	5	Jan-18-2023	Jan-24-2023
Floor Tile	15	Jan-25-2023	Feb-14-2023
Plumbing Fixtures	15	Feb-15-2023	Mar-07-2023
Toilet Partitions	5	Mar-08-2023	Mar-14-2023
Toilet Accesories	5	Mar-15-2023	Mar-21-2023
Doors and Hardware	5	Mar-22-2023	Mar-28-2023
Punchlist Completion	5	Mar-29-2023	Apr-04-2023

Actual Work
Remaining Work
Critical Remaining Work
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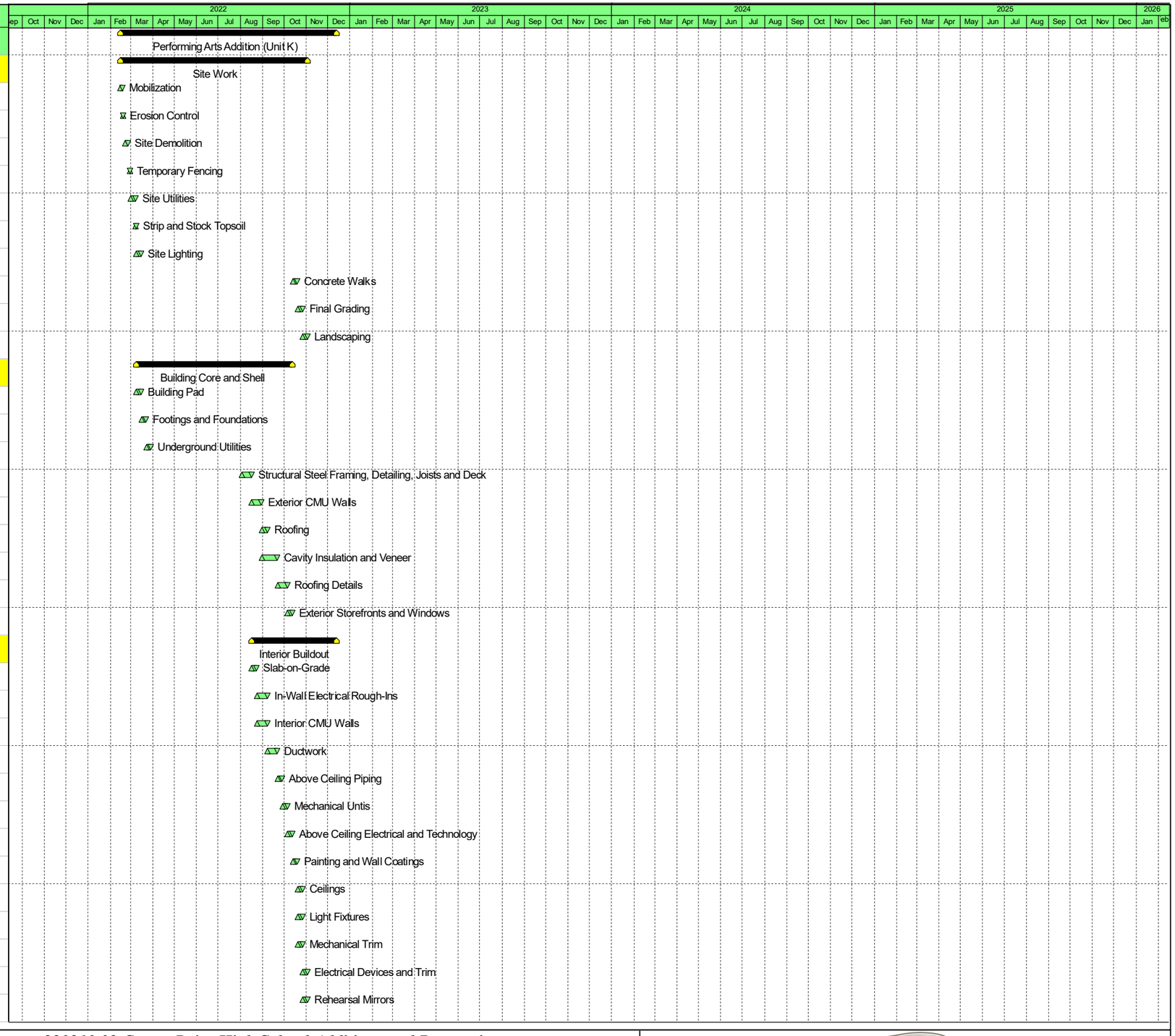
Summary

Activity Name	Original Duration	Start	Finish
Performing Arts Addition (Unit K)	211	Feb-15-2022	Dec-13-2022
Site Work	184	Feb-15-2022	Nov-02-2022
Mobilization	3	Feb-15-2022	Feb-17-2022
Erosion Control	1	Feb-18-2022	Feb-18-2022
Site Demolition	5	Feb-21-2022	Feb-25-2022
Temporary Fencing	1	Feb-28-2022	Feb-28-2022
Site Utilities	5	Mar-01-2022	Mar-07-2022
Strip and Stock Topsoil	1	Mar-08-2022	Mar-08-2022
Site Lighting	5	Mar-09-2022	Mar-15-2022
Concrete Walks	5	Oct-13-2022	Oct-19-2022
Final Grading	5	Oct-20-2022	Oct-26-2022
Landscaping	5	Oct-27-2022	Nov-02-2022
Building Core and Shell	153	Mar-09-2022	Oct-12-2022
Building Pad	5	Mar-09-2022	Mar-15-2022
Footings and Foundations	5	Mar-16-2022	Mar-22-2022
Underground Utilities	5	Mar-23-2022	Mar-29-2022
Structural Steel Framing, Detailing, Joists and Deck	10	Aug-03-2022	Aug-16-2022
Exterior CMU Walls	10	Aug-17-2022	Aug-30-2022
Roofing	5	Aug-31-2022	Sep-07-2022
Cavity Insulation and Veneer	15	Aug-31-2022	Sep-21-2022
Roofing Details	10	Sep-22-2022	Oct-05-2022
Exterior Storefronts and Windows	5	Oct-06-2022	Oct-12-2022
Interior Buildout	82	Aug-17-2022	Dec-13-2022
Slab-on-Grade	5	Aug-17-2022	Aug-23-2022
In-Wall Electrical Rough-Ins	10	Aug-24-2022	Sep-07-2022
Interior CMU Walls	10	Aug-24-2022	Sep-07-2022
Ductwork	10	Sep-08-2022	Sep-21-2022
Above Ceiling Piping	5	Sep-22-2022	Sep-28-2022
Mechanical Untis	5	Sep-29-2022	Oct-05-2022
Above Ceiling Electrical and Technology	5	Oct-06-2022	Oct-12-2022
Painting and Wall Coatings	5	Oct-13-2022	Oct-19-2022
Ceilings	5	Oct-20-2022	Oct-26-2022
Light Fixtures	5	Oct-20-2022	Oct-26-2022
Mechanical Trim	5	Oct-20-2022	Oct-26-2022
Electrical Devices and Trim	5	Oct-27-2022	Nov-02-2022
Rehearsal Mirrors	5	Oct-27-2022	Nov-02-2022



Actual Work
Remaining Work
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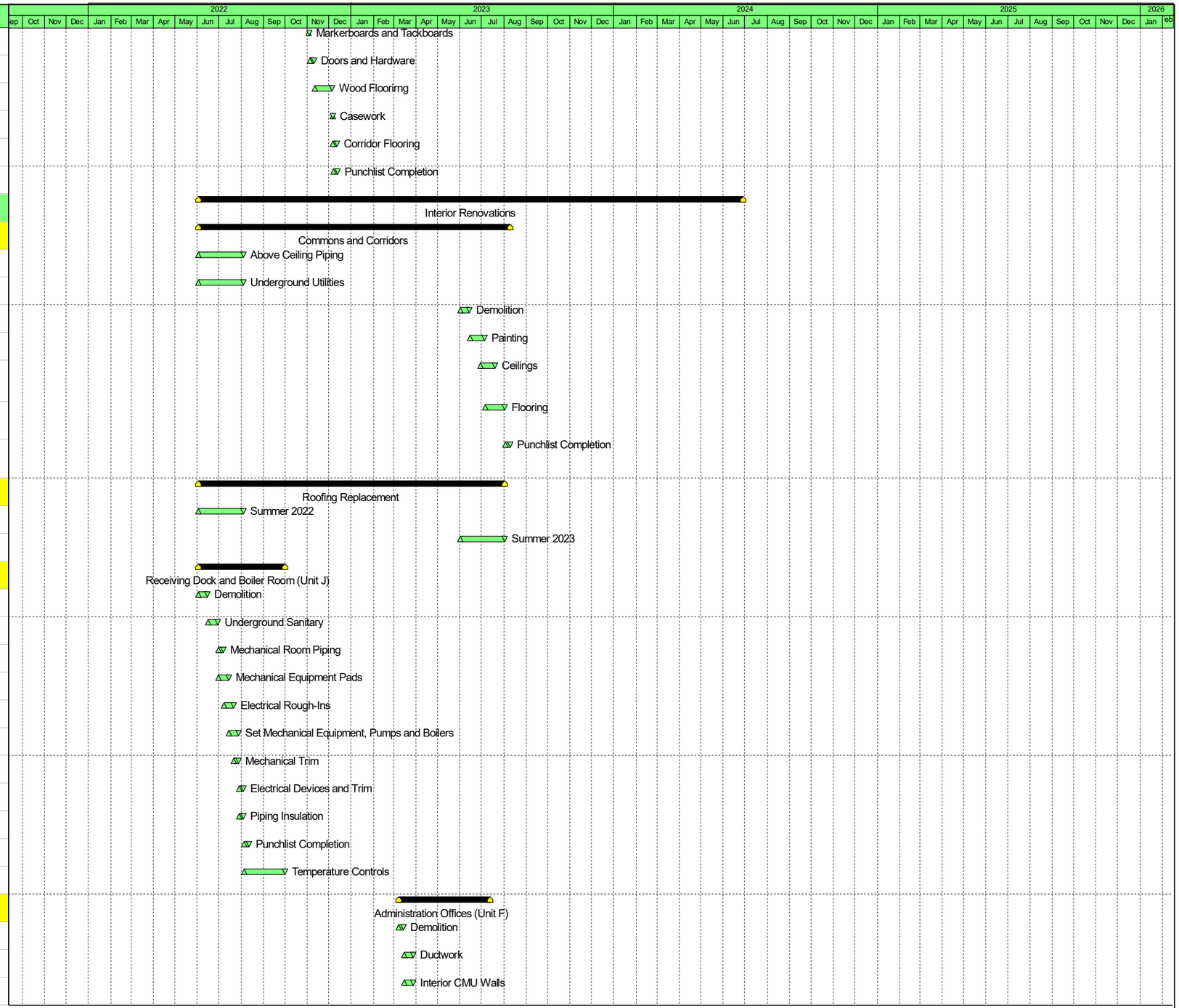
SKILLMAN

Activity Name	Original Duration	Start	Finish
Markerboards and Tackboards	1	Nov-03-2022	Nov-03-2022
Doors and Hardware	5	Nov-04-2022	Nov-10-2022
Wood Flooring	15	Nov-11-2022	Dec-05-2022
Casework	1	Dec-06-2022	Dec-06-2022
Corridor Flooring	5	Dec-06-2022	Dec-12-2022
Punchlist Completion	5	Dec-07-2022	Dec-13-2022
Interior Renovations	536	Jun-02-2022	Jun-28-2024
Commons and Corridors	304	Jun-02-2022	Aug-09-2023
Above Ceiling Piping	45	Jun-02-2022	Aug-04-2022
Underground Utilities	45	Jun-02-2022	Aug-04-2022
Demolition	10	Jun-01-2023	Jun-14-2023
Painting	15	Jun-15-2023	Jul-05-2023
Ceilings	15	Jun-29-2023	Jul-19-2023
Flooring	20	Jul-06-2023	Aug-02-2023
Punchlist Completion	5	Aug-03-2023	Aug-09-2023
Roofing Replacement	299	Jun-02-2022	Aug-02-2023
Summer 2022	45	Jun-02-2022	Aug-04-2022
Summer 2023	45	Jun-01-2023	Aug-02-2023
Receiving Dock and Boiler Room (Unit J)	85	Jun-02-2022	Sep-30-2022
Demolition	10	Jun-02-2022	Jun-15-2022
Underground Sanitary	10	Jun-16-2022	Jun-29-2022
Mechanical Room Piping	5	Jun-30-2022	Jul-07-2022
Mechanical Equipment Pads	10	Jun-30-2022	Jul-14-2022
Electrical Rough-Ins	10	Jul-08-2022	Jul-21-2022
Set Mechanical Equipment, Pumps and Boilers	10	Jul-15-2022	Jul-28-2022
Mechanical Trim	5	Jul-22-2022	Jul-28-2022
Electrical Devices and Trim	5	Jul-29-2022	Aug-04-2022
Piping Insulation	5	Jul-29-2022	Aug-04-2022
Punchlist Completion	5	Aug-05-2022	Aug-11-2022
Temperature Controls	40	Aug-05-2022	Sep-30-2022
Administration Offices (Unit F)	91	Mar-08-2023	Jul-12-2023
Demolition	5	Mar-08-2023	Mar-14-2023
Ductwork	10	Mar-15-2023	Mar-28-2023
Interior CMU Walls	10	Mar-15-2023	Mar-28-2023



Actual Work
Remaining Work
Critical Remaining Work
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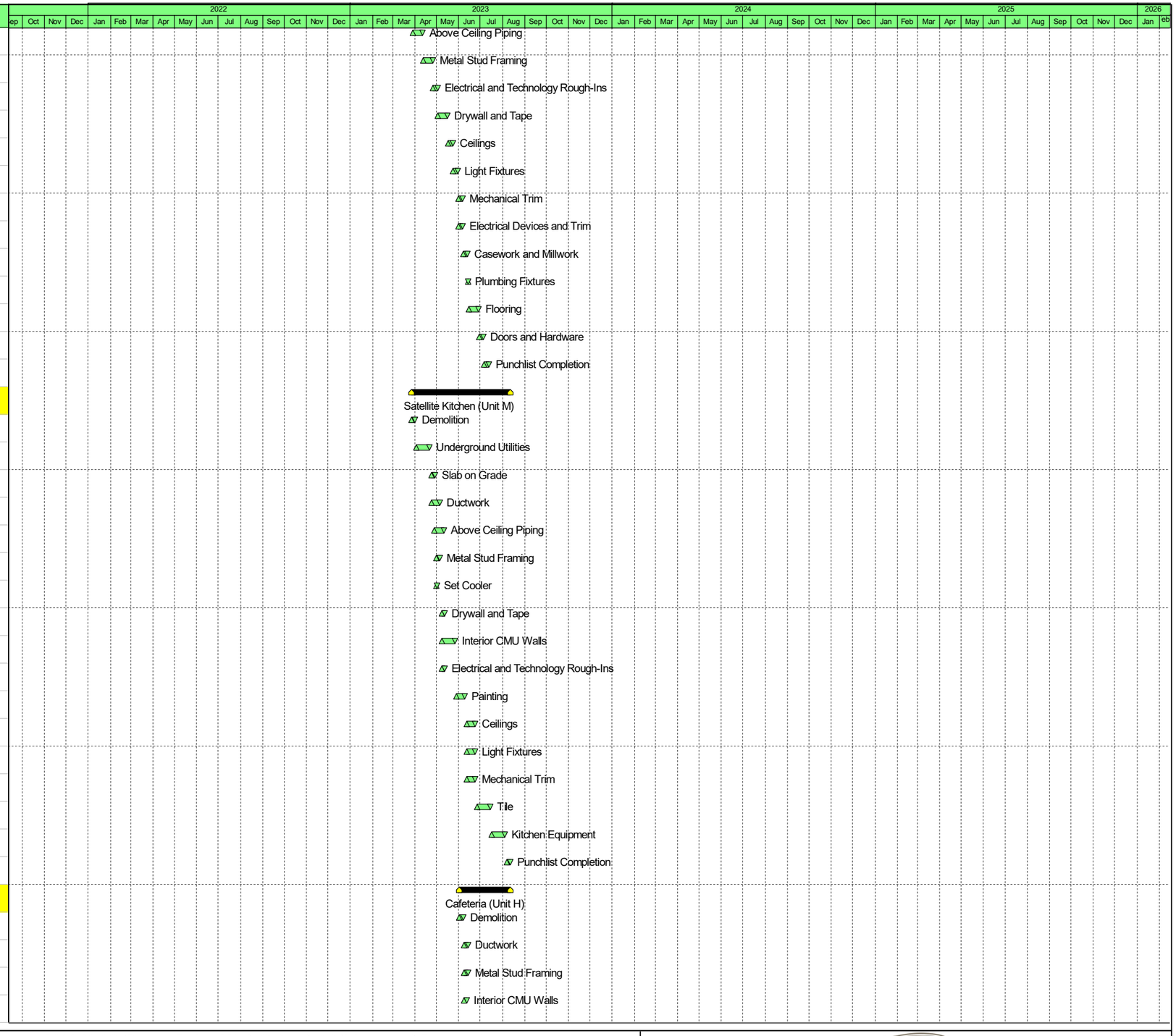
220210.02 Crown Point High School Additions and Renovations

Revised Guideline Schedule Addendum 3 Nov-5-2021

SKILLMAN

Activity Name	Original Duration	Start	Finish
Above Ceiling Piping	10	Mar-29-2023	Apr-11-2023
Metal Stud Framing	10	Apr-12-2023	Apr-25-2023
Electrical and Technology Rough-Ins	5	Apr-26-2023	May-02-2023
Drywall and Tape	10	May-03-2023	May-16-2023
Ceilings	5	May-17-2023	May-23-2023
Light Fixtures	5	May-24-2023	May-30-2023
Mechanical Trim	5	May-31-2023	Jun-06-2023
Electrical Devices and Trim	5	May-31-2023	Jun-06-2023
Casework and Millwork	5	Jun-07-2023	Jun-13-2023
Plumbing Fixtures	1	Jun-14-2023	Jun-14-2023
Flooring	10	Jun-15-2023	Jun-28-2023
Doors and Hardware	5	Jun-29-2023	Jul-05-2023
Punchlist Completion	5	Jul-06-2023	Jul-12-2023
Satellite Kitchen (Unit M)	100	Mar-27-2023	Aug-11-2023
Demolition	5	Mar-27-2023	Mar-31-2023
Underground Utilities	15	Apr-03-2023	Apr-21-2023
Slab on Grade	5	Apr-24-2023	Apr-28-2023
Ductwork	10	Apr-24-2023	May-05-2023
Above Ceiling Piping	10	Apr-28-2023	May-11-2023
Metal Stud Framing	5	May-01-2023	May-05-2023
Set Cooler	1	May-01-2023	May-01-2023
Drywall and Tape	5	May-08-2023	May-12-2023
Interior CMU Walls	15	May-08-2023	May-26-2023
Electrical and Technology Rough-Ins	5	May-08-2023	May-12-2023
Painting	10	May-29-2023	Jun-09-2023
Ceilings	10	Jun-12-2023	Jun-23-2023
Light Fixtures	10	Jun-12-2023	Jun-23-2023
Mechanical Trim	10	Jun-12-2023	Jun-23-2023
Tile	15	Jun-26-2023	Jul-14-2023
Kitchen Equipment	15	Jul-17-2023	Aug-04-2023
Punchlist Completion	5	Aug-07-2023	Aug-11-2023
Cafeteria (Unit H)	52	Jun-01-2023	Aug-11-2023
Demolition	5	Jun-01-2023	Jun-07-2023
Ductwork	5	Jun-08-2023	Jun-14-2023
Metal Stud Framing	5	Jun-08-2023	Jun-14-2023
Interior CMU Walls	3	Jun-08-2023	Jun-12-2023



Actual Work
Remaining Work
Critical Remaining Work
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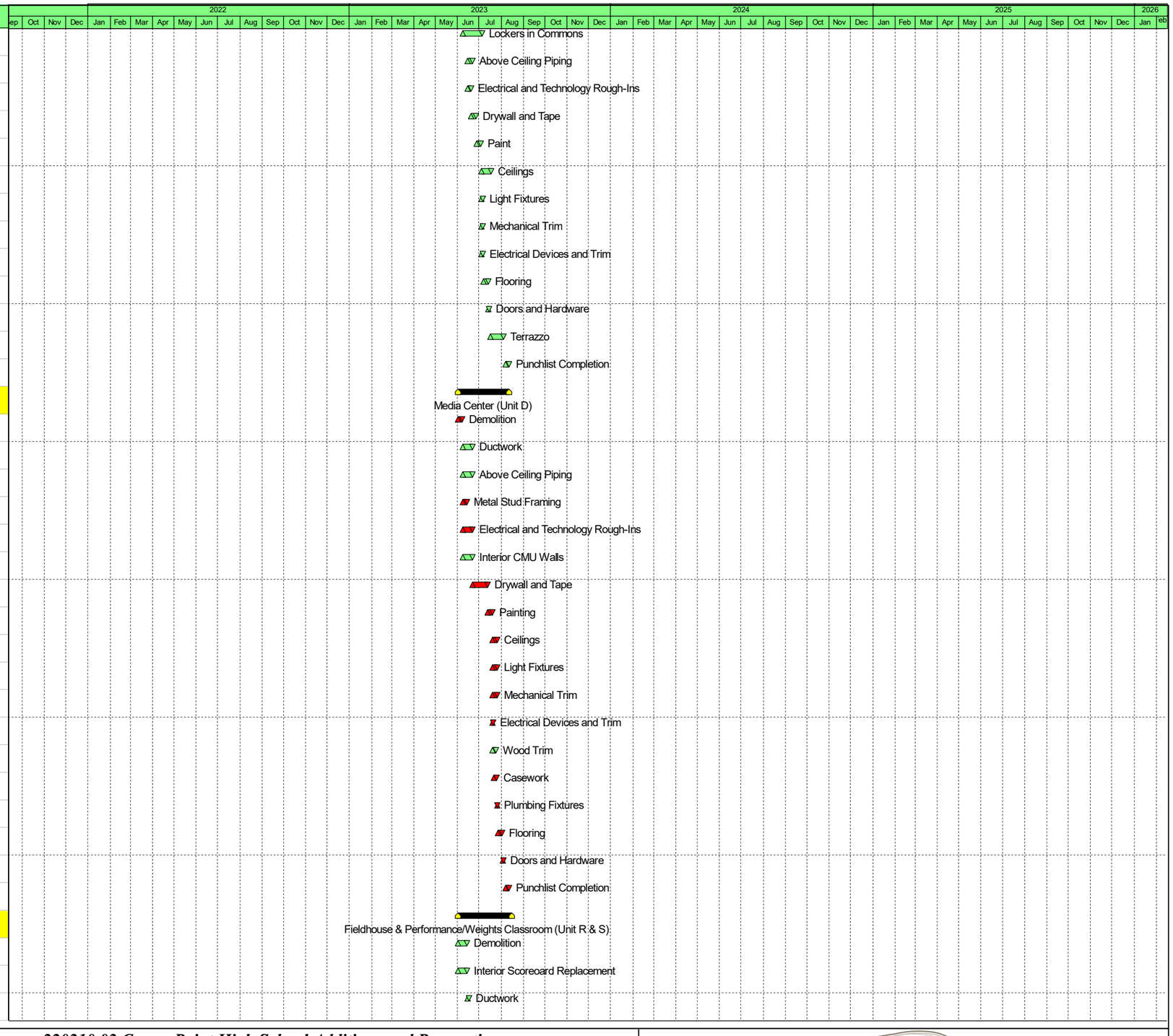
Activity Name	Original Duration	Start	Finish
Lockers in Commons	20	Jun-08-2023	Jul-05-2023
Above Ceiling Piping	5	Jun-15-2023	Jun-21-2023
Electrical and Technology Rough-Ins	3	Jun-15-2023	Jun-19-2023
Drywall and Tape	5	Jun-20-2023	Jun-26-2023
Paint	5	Jun-27-2023	Jul-03-2023
Ceilings	10	Jul-04-2023	Jul-17-2023
Light Fixtures	3	Jul-04-2023	Jul-06-2023
Mechanical Trim	3	Jul-04-2023	Jul-06-2023
Electrical Devices and Trim	3	Jul-04-2023	Jul-06-2023
Flooring	5	Jul-07-2023	Jul-13-2023
Doors and Hardware	1	Jul-14-2023	Jul-14-2023
Terrazzo	15	Jul-17-2023	Aug-04-2023
Punchlist Completion	5	Aug-07-2023	Aug-11-2023
Media Center (Unit D)	52	Jun-01-2023	Aug-11-2023
Demolition	5	Jun-01-2023	Jun-07-2023
Ductwork	10	Jun-08-2023	Jun-21-2023
Above Ceiling Piping	10	Jun-08-2023	Jun-21-2023
Metal Stud Framing	5	Jun-08-2023	Jun-14-2023
Electrical and Technology Rough-Ins	10	Jun-08-2023	Jun-21-2023
Interior CMU Walls	10	Jun-08-2023	Jun-21-2023
Drywall and Tape	15	Jun-22-2023	Jul-12-2023
Painting	5	Jul-13-2023	Jul-19-2023
Ceilings	5	Jul-20-2023	Jul-26-2023
Light Fixtures	5	Jul-20-2023	Jul-26-2023
Mechanical Trim	5	Jul-20-2023	Jul-26-2023
Electrical Devices and Trim	1	Jul-20-2023	Jul-20-2023
Wood Trim	3	Jul-20-2023	Jul-24-2023
Casework	3	Jul-21-2023	Jul-25-2023
Plumbing Fixtures	1	Jul-26-2023	Jul-26-2023
Flooring	5	Jul-27-2023	Aug-02-2023
Doors and Hardware	2	Aug-03-2023	Aug-04-2023
Punchlist Completion	5	Aug-07-2023	Aug-11-2023
Fieldhouse & Performance/Weights Classroom (Unit R & S)	54	Jun-01-2023	Aug-15-2023
Demolition	10	Jun-01-2023	Jun-14-2023
Interior Scoreoard Replacement	10	Jun-01-2023	Jun-14-2023
Ductwork	2	Jun-15-2023	Jun-16-2023



Actual Work
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SKILLMAN

Activity Name	Original Duration	Start	Finish
Fieldhouse Floor Replacement	40	Jun-15-2023	Aug-09-2023
Above Ceiling Piping	5	Jun-19-2023	Jun-23-2023
Interior CMU Walls	10	Jun-19-2023	Jun-30-2023
Electrical and Technology Rough-Ins	3	Jun-26-2023	Jun-28-2023
Painting	5	Jun-29-2023	Jul-05-2023
Ceilings	5	Jul-06-2023	Jul-12-2023
Light Fixtures	5	Jul-06-2023	Jul-12-2023
Mechanical Trim	5	Jul-06-2023	Jul-12-2023
Electrical Devices and Trim	1	Jul-13-2023	Jul-13-2023
Casework	1	Jul-14-2023	Jul-14-2023
Markerboards	1	Jul-14-2023	Jul-14-2023
Flooring	1	Jul-17-2023	Jul-17-2023
Doors and Hardware	1	Jul-18-2023	Jul-18-2023
Sports Floor	15	Jul-19-2023	Aug-08-2023
Punchlist Completion	5	Aug-09-2023	Aug-15-2023
Transportation Lab and Classroom (Unit B)	50	Jun-01-2023	Aug-09-2023
Demolition	3	Jun-01-2023	Jun-05-2023
Ductwork	15	Jun-06-2023	Jun-26-2023
Above Ceiling Piping	5	Jun-27-2023	Jul-03-2023
Interior CMU Walls	10	Jul-04-2023	Jul-17-2023
Electrical and Technology Rough-Ins	5	Jul-04-2023	Jul-10-2023
Painting	5	Jul-11-2023	Jul-17-2023
Ceilings	5	Jul-18-2023	Jul-24-2023
Light Fixtures	5	Jul-18-2023	Jul-24-2023
Mechanical Trim	5	Jul-18-2023	Jul-24-2023
Electrical Devices and Trim	2	Jul-18-2023	Jul-19-2023
Markerboards	1	Jul-18-2023	Jul-18-2023
Flooring	10	Jul-19-2023	Aug-01-2023
Doors and Hardware	1	Aug-02-2023	Aug-02-2023
Punchlist Completion	5	Aug-03-2023	Aug-09-2023
Exceptional Learner, TV Studio, 3D Arts & FACS Lab (Unit C, D& E)	101	Aug-14-2023	Jan-01-2024
Demolition	10	Aug-14-2023	Aug-25-2023
Ductwork	10	Aug-28-2023	Sep-08-2023
Above Ceiling Piping	7	Sep-11-2023	Sep-19-2023
Metal Stud Framing	7	Sep-20-2023	Sep-28-2023
Interior CMU Walls	10	Sep-29-2023	Oct-12-2023

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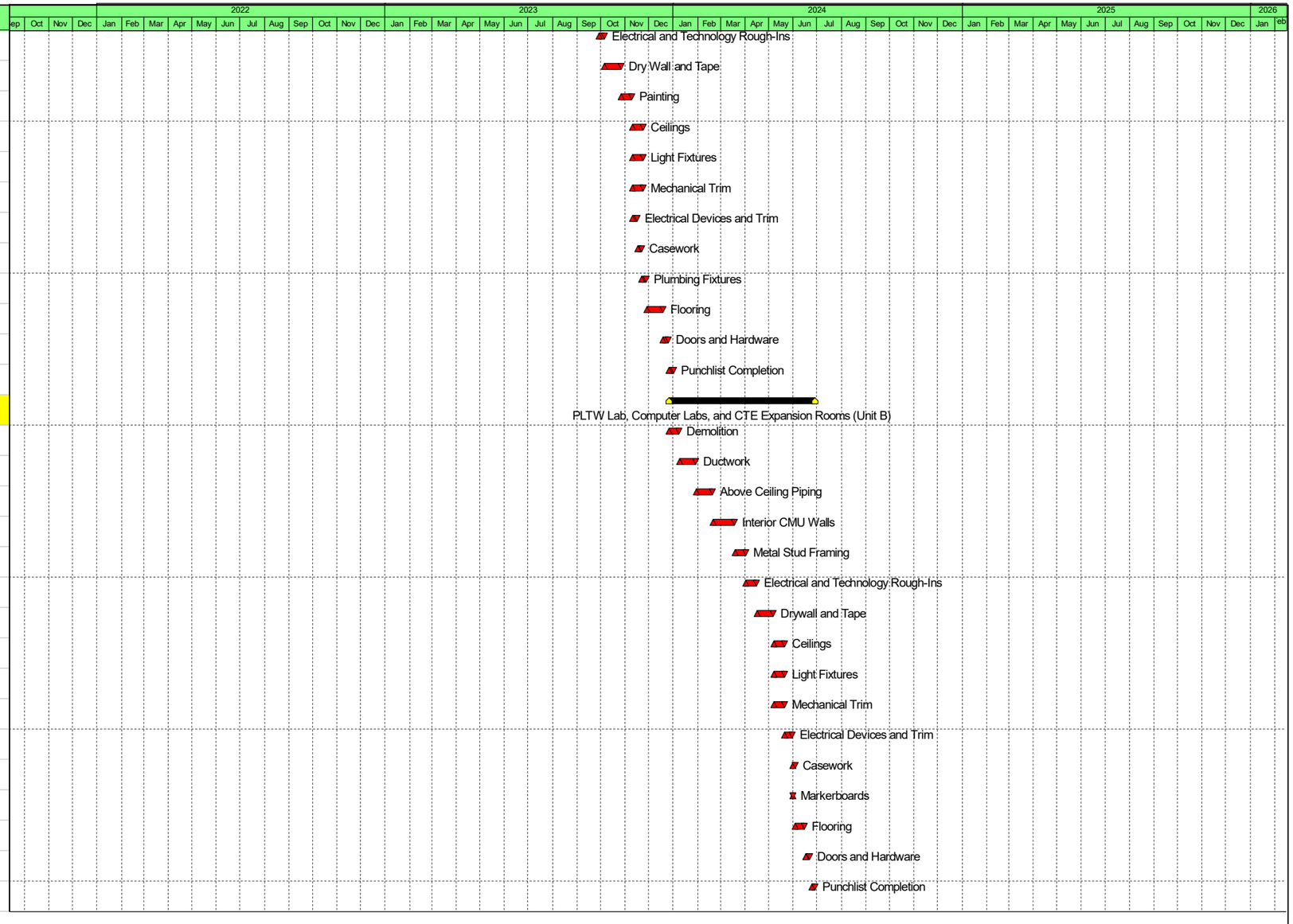
Activity Name	Original Duration	Start	Finish
Electrical and Technology Rough-Ins	5	Sep-29-2023	Oct-05-2023
Dry Wall and Tape	15	Oct-06-2023	Oct-26-2023
Painting	10	Oct-27-2023	Nov-09-2023
Ceilings	10	Nov-10-2023	Nov-23-2023
Light Fixtures	10	Nov-10-2023	Nov-23-2023
Mechanical Trim	10	Nov-10-2023	Nov-23-2023
Electrical Devices and Trim	5	Nov-10-2023	Nov-16-2023
Casework	3	Nov-17-2023	Nov-21-2023
Plumbing Fixtures	4	Nov-22-2023	Nov-27-2023
Flooring	15	Nov-28-2023	Dec-18-2023
Doors and Hardware	5	Dec-19-2023	Dec-25-2023
Punchlist Completion	5	Dec-26-2023	Jan-01-2024
PLTW Lab, Computer Labs, and CTE Expansion Rooms (Unit B)	134	Dec-26-2023	Jun-28-2024
Demolition	10	Dec-26-2023	Jan-08-2024
Ductwork	15	Jan-09-2024	Jan-29-2024
Above Ceiling Piping	15	Jan-30-2024	Feb-19-2024
Interior CMU Walls	20	Feb-20-2024	Mar-18-2024
Metal Stud Framing	10	Mar-19-2024	Apr-01-2024
Electrical and Technology Rough-Ins	10	Apr-02-2024	Apr-15-2024
Drywall and Tape	15	Apr-16-2024	May-06-2024
Ceilings	10	May-07-2024	May-20-2024
Light Fixtures	10	May-07-2024	May-20-2024
Mechanical Trim	10	May-07-2024	May-20-2024
Electrical Devices and Trim	8	May-21-2024	May-30-2024
Casework	2	May-31-2024	Jun-03-2024
Markerboards	1	May-31-2024	May-31-2024
Flooring	10	Jun-03-2024	Jun-14-2024
Doors and Hardware	5	Jun-17-2024	Jun-21-2024
Punchlist Completion	5	Jun-24-2024	Jun-28-2024



Actual Work
Remaining Work
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ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design and The Skillman Corporation for **Crown Point High School Additions and Renovations** for Crown Point Community School Corporation, Crown Point, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum, and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum, Addendum One and Addendum Two and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. **Specification Section 00 01 00 Table of Contents**
   A. Add Specification Section 08 34 73, Sound-Control Door Assemblies, to the Table of Contents.
   B. Add Specification Section 11 66 43, Scoreboards, to the Table of Contents.
2. **Specification Section 08 33 00 Rolling Doors and Grilles**
   A. Substitute Paragraphs 2.2. A.1. and 2. as follows:

   "1. Curtain (Satellite Kitchen M-136):

   a. Non-Fire Rated Service Doors: Minimum 22 gage slats of steel; G90 coating in accordance with ASTM A653; tubular or double angle bottom bar with vinyl seal and cylinder locks (matching existing).

   2. Curtain (Rehearsal/Black Box K-108):

   a. Insulated Service Doors: Minimum 22 gage steel slats with minimum 24 gage steel backing; G90 coating in accordance with ASTM A653; fill between steel face and backing with nominal 2 pound density polyurethane insulation."
3. **Specification Section 08 34 73 Sound-Control Door Assemblies**
   A. Add Specification Section 08 34 73, Sound-Control Door Assemblies, included in this Addendum, to the Project Manual.
4. **Specification Section 08 71 00 Door Hardware**
   A. Delete Paragraph 2.17 Electro Mechanical Closers/Holders in its entirety.
   B. Hardware Set No. 15 - Delete Door Number D-110AA from Door List.
   C. Hardware Set No. 22 – Add Door number B-135A to Door List.
   D. Hardware Set #25 – refer to full revised set as follows:

"**HARDWARE GROUP NO.25**

FOR USE ON DOOR #(S):
A-301A **T-201A**

PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	630	IVE
1	SET	CONST LATCHING BOLT	FB51P/FB61P AS REQ'D	630	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	STOREROOM LOCKSET	9K7 D 14D	626	BES
1	EA	COORDINATOR	COR X FL	628	IVE
2	EA	MOUNTING BRACKET	MB [AS REQ'D]	689	IVE
2	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	689	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	689	LCN
2	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	689	LCN
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	WEATHER STRIPPING	BY DOOR/FRAME MANUFACTURER		
2	EA	DOOR SWEEP	8192AA	AA	ZER
1	EA	THRESHOLD	65A	A	ZER"

E. Hardware Set No. 32, refer to full revised set as follows:

"**HARDWARE GROUP NO. 32**

FOR USE ON DOOR #(S):
F-101A

PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
2 ~~(1)~~	EA	POWER TRANSFER	EPT10	689	VON
~~1~~	~~EA~~	~~CONST LATCHING BOLT~~	~~FB51T/FB61T AS REQ'D~~	~~630~~	~~IVE~~
~~1~~	~~EA~~	~~ELECTRIFIED LOCKSET~~	~~9K7 DEU 14D RQE~~	~~626~~	~~BES~~
1	EA	ELEC PANIC HARDWARE	RX-QEL-9850WDC-DT-LBL-SNB 24 VDC	626	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-9850WDC-NL-LBL-SNB 24 VDC	626	VON
1	EA	RIM CYLINDER	1E72	626	BES
~~1~~	~~EA~~	~~COORDINATOR~~	~~COR X FL~~	~~628~~	~~IVE~~
~~2~~	~~EA~~	~~MOUNTING BRACKET~~	~~MB [AS REQ'D]~~	~~689~~	~~IVE~~
2	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	SILENCER	SR64	GRY	IVE
1	EA	MULTITECH READER	MTB11/15 - BY ACCESS CONTROL PROVIDER (COORDINATE W/ HEAD END AND CREDENTIAL TYPE)	BLK	SCE
1	EA	DESK MOUNT BUTTON	660-PB	628	SCE
2	EA	DOOR CONTACT	679-05WD/679-05HM AS REQ	BLK	SCE

1	**EA**	**POWER SUPPLY**	**PS904 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER]**	**VON**
~~1~~	~~EA~~	~~POWER SUPPLY~~	~~PS904 900-4R [COORDINATE WITH ACCESS CONTROL PROVIDER]~~	~~VON~~
1	EA	DIAGRAM	ELEVATION	DLR
1	EA	DIAGRAM	POINT TO POINT	DLR

OPERATION: DOORS NORMALLY CLOSED AND LOCKED. VALID CREDENITAL OR PUSH BUTTON AT RECPETION DESNK MOMENTARILY UNLOCKS DOORS ALLOWING ENTRY. DOORS REMAINS LOCKED UPON LOSS OF POWER. DOOR CONTACTS TO MONITOR DOOR POSITION. RX SWITCHES (INTEGRAL TO PANIC DEVICES) SHUNT DOOR CONTACT FOR VALID EGRESS. FREE EGRESS AT ALL TIMES."

F. Hardware Set No. 35 – Add Door Number K-110A and Delete Door Number K-110F, from the Door List.

G. Hardware Set No. 36, refer to full revised set as follows:

"**HARDWARE GROUP NO. 36**

FOR USE ON DOOR #(S):
L-113A

PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	**EA**	**CONT. HINGE**	**224HD**	**628**	**IVE**
1 ~~(2)~~	EA	CONT. HINGE	224HD EPT	628	IVE
1 ~~(2)~~	EA	POWER TRANSFER	EPT10	689	VON
2	EA	MANUAL FLUSH BOLT	FB458	626	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	ELEC PANIC HARDWARE	RX-QEL-9827-NL-OP-LBR-110MD 24 VDC	626	VON
1	EA	RIM CYLINDER	1E72	626	BES
1 ~~(2)~~	EA	90 DEG OFFSET PULL	8190HD 10" A	630	IVE
1	**EA**	**OH STOP & HOLDER**	**450H**	**630**	**GLY**
~~1~~	~~EA~~	~~OH STOP~~	~~450S [@ INACTIVE LEAF]~~	~~630~~	~~GLY~~
1 ~~(2)~~	EA	SURFACE CLOSER	4040XP SHCUSH	689	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	689	LCN
1	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	689	LCN
1	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	689	LCN
1	EA	WEATHER STRIPPING	BY DOOR/FRAME MANUFACTURER		
2	EA	DOOR SWEEP	8192AA	AA	ZER
1	EA	THRESHOLD	655A-223	A	ZER
1	EA	MULTITECH READER	MTB11/15 - BY ACCESS CONTROL PROVIDER (COORDINATE W/ HEAD END AND CREDENTIAL TYPE)	BLK	SCE

2	EA	DOOR CONTACT	7766	
1	**EA**	**POWER SUPPLY**	**PS902 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER]**	
1	EA	DIAGRAM	ELEVATION	DLR
1	EA	DIAGRAM	POINT TO POINT	DLR

OPERATION: DOORS NORMALLY CLOSED AND LOCKED. DOORS CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL.

LOCKED HOURS: VALID CREDENTIAL MOMENTARILY UNLOCKS DOOR ALLOWING ACCESS. DOORS REMAIN LOCKED UPON LOSS OF POWER. DOOR CONTACTS TO MONITOR DOOR POSITION. RX SWITCH (INTEGRAL TO EXIT DEVICE) SHUNTS DOOR CONTACTS FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

NOTE:
VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE CORRECT STRIKES, FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE AND COVER EXPOSED HOLES."

H. Hardware Set No. 37, refer to full revised set as follows:

"**HARDWARE GROUP NO. 37**

FOR USE ON DOOR #(S):
~~A-01A~~ **A-01B** ~~A-02A~~ **A-02B**

PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
~~2~~	~~EA~~	~~CONT. HINGE~~	~~224HD~~	~~628~~	~~IVE~~
2	**EA**	**CONT. HINGE**	**224XY**	**628**	**IVE**
1	**EA**	**PANIC HARDWARE**	**9849-EO-LBL**	**626**	**VON**
1	**EA**	**PANIC HARDWARE**	**9849-L-17-LBL**	**626**	**VON**
~~2~~	~~EA~~	~~DUMMY PUSH BAR~~	~~330~~	~~626~~	~~VON~~
1	**EA**	**RIM CYLINDER**	**1E72**	**626**	**BES**
~~2~~	~~EA~~	~~90 DEG OFFSET PULL~~	~~8190HD 10" A~~	~~630~~	~~IVE~~
2	EA	SURFACE CLOSER	4040XP EDA	689	LCN
~~2~~	~~EA~~	~~PA MOUNTING PLATE~~	~~4040XP-18PA AS REQ'D~~	~~689~~	~~LCN~~
~~2~~	~~EA~~	~~CUSH SHOE SUPPORT~~	~~4040XP-30 AS REQ'D~~	~~689~~	~~LCN~~
~~2~~	~~EA~~	~~BLADE STOP SPACER~~	~~4040XP-61 AS REQ'D~~	~~689~~	~~LCN~~
2	**EA**	**KICK PLATE**	**8400 10" X 1" LDW B-CS**	**630**	**IVE**
~~2~~	~~EA~~	~~WALL STOP/HOLDER~~	~~WS45X~~	~~626~~	~~IVE~~
2	**EA**	**FIRE/LIFE WALL MAG**	**SEM7800 SERIES AS REQ'D**	**689**	**LCN**
2	**EA**	**SILENCER**	**SR64**	**GRY**	**IVE**
1	**EA**	**DIAGRAM**	**ELEVATION**		**DLR**
1	**EA**	**DIAGRAM**	**POINT TO POINT**		**DLR**

OPERATION: DOORS NORMALLY HELD OPEN BY MAGNETIC HOLD OPEN. LOSS OF POWER WILL RELEASE MAGENETIC HOLD OPEN, ALLOWING DOORS TO CLOSE AND LATCH. FREE EGRESS AT ALL TIMES.

I. Hardware Set No. 40 – Add Door Number K-111A and Delete Door Number K-111G, from the Door List.

J. Hardware Set No. 41 – Add Door Number C-104A and Delete Door Number C-104B,

from the Door List.

K. Hardware Set No. 45, refer to full revised set as follows:

"**HARDWARE GROUP NO. 45**

FOR USE ON DOOR #(S):
D-102AA D-102AB D-102BA D-102BB

PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	ELECTRIFIED LOCKSET	9K7 DEL 14D	626	BES
1	EA	COMMUNICATION BATH DOOR SYSTEM	6100 SERIES		ACS
1	EA	OH STOP	90S	630	GLY
1	EA	GASKETING	488SCL PSA	CL	ZER
1	EA	DIAGRAM	ELEVATION		DLR
1	EA	DIAGRAM	POINT TO POINT		DLR

OPERATION: WHEN THE BATHROOM IS NOT OCCUPIED, BOTH DOORS ARE UNLOCKED AND ALL INDICATORS ARE EXTINGUISHED. UPON ENTERING THE BATHROOM FROM ONE OF THE ROOMS, THE OCCUPANT DEPRESSES THE INSIDE PUSHBUTTON SWITCH TO LOCK BOTH DOORS (BOTH DOORS MUST BE CLOSED IN ORDER FOR THEM TO LOCK). WHEN THE DOORS LOCK, THE RED INDICATORS INSIDE THE BATHROOM INDICATE THAT BOTH DOORS ARE LOCKED FROM THE OUTSIDE. THE GREEN INDICATORS OUTSIDE THE BATHROOM INDICATE THAT THE BATHROOM IS OCCUPIED.

PROVIDE 1 BATHROOM CONTROLLER PER BATHROOM.

NOTE: BOTH DOORS ARE ALWAYS FREE EGRESS AND CAN BE UNLOCKED MECHANICALLY FROM THE OUTSIDE WITH A KEY. WHEN THE OCCUPANT EXITS EITHER DOOR, BOTH DOORS AUTOMATICALLY RETURN TO THE UNLOCKED CONDITION AND ALL INDICATORS ARE EXTINGUISHED

L. Hardware Set No. 50 – Delete Door Number F-209B from Door List.

M. Hardware Set No. 51 – Delete Door Number C-104A from Door List.

N. Hardware Set No. 52, refer to full revised set as follows:

"**Hardware Group No. 52**
For use on Door #(s):

B-121A

PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	**EA**	**EXTENSTION KIT**	**SEM7810-517**	**689**	**LCN**
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	MORTISE CYLINDER	1E74	626	BES
2	EA	FIRE EXIT HARDWARE	98-L-F-17	626	VON

2	EA	RIM CYLINDER	1E72		626	BES
~~2~~	~~EA~~	~~FIRE/LIFE HOLDER~~	~~4040SEH SEH 24V/120V AC/DC AS REQ~~	~~689~~		~~LCN~~
2	**EA**	**SURFACE CLOSER**	**4040XP EDA**	**689**		**LCN**
~~2~~	~~EA~~	~~SURFACE CLOSER~~	~~4040XP SCUSH~~	~~689~~		~~LCN~~
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630		IVE
2	**EA**	**FIRE/LIFE WALL MAG**	**SEM7800 SERIES AS REQ'D**	**689**		**LCN**
2	**SET**	**OVERLAPPING ASTRAGAL**	**328AA-S**	**AA**		**ZER**
1	**EA**	**GASKETING**	**488SCL PSA**	**CL**		**ZER**
~~2~~	~~EA~~	~~SILENCER~~	~~SR64~~	~~GRY~~		~~IVE~~
~~1~~	~~EA~~	~~POWER SUPPLY~~	~~PS902 900-4R FA900 [COORDINATE WITH ACCESS CONTROL PROVIDER]~~	~~LGR~~		~~SCE~~
1	EA	DIAGRAM	ELEVATION			DLR
1	EA	DIAGRAM	POINT TO POINT			DLR

OPERATION: DOORS NORMALLY HELD OPEN. UPON LOSS OF POWER OR FIRE ALARM, MAGNETIC HOLD OPENS RELEASE, ALLOWING DOORS TO CLOSE AND LATCH. FREE EGRESS AT ALL TIMES.

MAGNETIC HOLD OPENS TIED INTO FIRE ALARM SYSTEM

O. Hardware Set No. 58 – Add Door Number D-110E to Door List.

P. Hardware Set No. 59, refer to full revised set as follows:

"**HARDWARE GROUP NO.59**

FOR USE ON DOOR #(S):
J-128A

PROVIDE EACH OPENING WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
8	**EA**	**HINGE**	**5BB1HW 5 X 4.5 (NRP AS REQ'D)**	**630**	**IVE**
1	**SET**	**CONST LATCHING BOLT**	**FB51P/FB61P AS REQ'D**	**630**	**IVE**
1	**EA**	**DUST PROOF STRIKE**	**DP2**	**626**	**IVE**
1	**EA**	**EXIT LOCK**	**9K7 Y 14D**	**626**	**BES**
1	**EA**	**COORDINATOR**	**COR X FL**	**628**	**IVE**
2	**EA**	**MOUNTING BRACKET**	**MB [AS REQ'D]**	**689**	**IVE**
2	**EA**	**SURFACE CLOSER**	**4040XP SCUSH**	**689**	**LCN**
2	**EA**	**PA MOUNTING PLATE**	**4040XP-18PA AS REQ'D**	**689**	**LCN**
2	**EA**	**CUSH SHOE SUPPORT**	**4040XP-30 AS REQ'D**	**689**	**LCN**
2	**EA**	**BLADE STOP SPACER**	**4040XP-61 AS REQ'D**	**689**	**LCN**
1	**EA**	**RAIN DRIP**	**142AA**	**AA**	**ZER**
1	**EA**	**WEATHER STRIPPING**	**BY DOOR/FRAME MANUFACTURER**		
2	**EA**	**DOOR SWEEP**	**8192AA**	**AA**	**ZER**
1	**EA**	**THRESHOLD**	**65A**	**A**	**ZER**

5. Specification Section 08 81 00 Glazing

A. Add new Paragraph 2.2. M. to read:

"M. Translucent Glazing: Clear insulating glass units with internal translucent film core.

1. Product: Advanced Glazings LTD.; Solera L.
    a. External Veil: AGL-300.
    b. Internal Veil: AGL-300.
    c. Visible Light Transmittance: 33 percent.
    d. U-Value: 0.45.
2. Unit Thickness: 1-inch.
3. Locations: Where indicated on Drawings."

6. Specification Section 09 29 00 Gypsum Board

A. Add new Paragraph 2.4. as follows:

"2.4 Acoustical Plaster

A. Cafco Soundcote as manufactured by Isolatek International Corporation, Stanhope, New Jersey, or an approved equal.

B. Spray-on acoustical finish without vermiculite or asbestos; flame spread 0, smoke developed 5."

7. Specification Section 10 51 13 Metal Lockers

A. Revise Paragraph 1.3. A. to read:

"A. Lockers: Surface mounted and free-standing double-tier lockers; on masonry base and concrete seat base; with sloped tops; combination locks and padlock hasps."

B. Delete Paragraph 2.5.D. in its entirety.

8. Specification Section 11 40 00 Foodservice Equipment

A. Replace Item #39 – Coffee Brewer Dispensers Specification with the following:

ITEM #39

MFGR: Grindmaster or Approved Equal

MODEL: PBC-2V

QUANTITY: One (1)

Provide and set in place one (1) only coffee brewer & dispensers per plan.

To include:

a. Four (4) only V15 Cecilware Pro Vacuum Shuttles.

b. Four (4) only 380-00439 Grindmaster graphics for vacuum shuttles.

c. Two (2) only 230-00199 Grindmaster brew baskets.

9. Specification Section 11 66 23 Athletic Equipment

A. Add new Paragraph 2.1.B.2.b. as follows:

B. "b. At Columns: Provide fire treated wood framing from exterior wall extended to column and around to opposite side of the column back to the exterior wall. As with wall installation, provide wall pad mounting clips on the wood framing, utilizing the

laser installation method."

10. Specification Section 11 66 43 Scoreboards

A. Add Specification Section 11 66 43, Scoreboards, included in this Addendum, to the Project Manual.

11. Specification Section 13 01 003 Synthetic Turf Subsurface and Drainage System

A. Revise Paragraph 1.2 B. to read: "Section 13 01 01".

B. Add Paragraph 1.4 B.2 to read:

"2. Design criteria for indoor field is to provide a drainage capacity at half the maximum flow rate of the turf system."

12. Specification Section 21 11 16 Communications Cabinets, Racks, Frames and Enclosures

A. Delete Paragraph 1.5 C.1 in its entirety. **Note**: The types of racks and cabinets are indicated on the T-400 series drawings.

DRAWINGS

1. General Structural Notes

A. The areas listed below are the only areas requiring AESS finish:

1. Rooms T-109 (weights)
2. T-110 (storage)
3. T-111 (indoor turf).

B. The remainder of the rooms in area T, including T-112 storage, do not need to adhere to AESS standard.

2. Sheet S-104, S-205 and S-207

A. Refer to three (3) revised, full-size drawings, included in this Addendum, for revisions.

3. Sheet S-201

A. The plan notes and area where existing roof joists are to be reinforced per the details noted. The quantity and joist sizes are as noted below:

5 - 22K6

5 - 18LH02

6 – 10K1

6 – 30K9

4. Sheet S-401

A. Addendum #2 called for the vertical reinforcing bars to be #6 at 40" o.c. for the 12" CMU on sheet S-104 for the foundation plan. The foundation details 11 and 13 on sheet S-401 for the same walls should be changed to reflect #6 vertical bars spaced at 40" o.c.

5. General Architectural Clarification

A. With the exception of door J128A, all FRP and aluminum doors to be 7'-2" tall.

6. Sheet AD-106

A. Refer to revised, full -size drawing, included in this Addendum for ceiling demolition for proposed installation of new Hydronic piping.

7. Sheet AD-108

A. Refer to revised, full -size drawing, included in this Addendum for demolition shown for new FRP door installation in Boiler Room.

8. Sheet AD-110

A. Refer to revised, full -size drawing, included in this Addendum for demolition shown for the coiling door replacement (alternate bid)

9. Sheet AD-112

A. Refer to revised, full -size drawing, included in this Addendum for revisions to the extent of ceiling tile replacement.

10. Sheet AD-114

A. Refer to revised, full -size drawing, included in this Addendum for revisions to the extent of ceiling tile replacement

11. Sheet AD-115

A. Refer to revised, full -size drawing, included in this Addendum for demolition shown for gymnastics pit (added to demo of triple jump pit)and floor prep after flooring removal.

12. Sheet A-101

A. Refer to revised, full -size drawing, included in this Addendum for demising walls between classrooms being changed from C8 to C10, and addition of note 15 at these locations.

13. Sheet A-102

A. Refer to revised, full -size drawing, included in this Addendum for locker indication, dimension, and count

14. Sheet A-108

A. Refer to revised, full -size drawing, included in this Addendum for locker indication, dimension and count, location of new FRP door set in Area J.

15. Sheet A-110

A. Refer to revised, full -size drawing, included in this Addendum for a new 12ft x24ft tall coiling door between stage and black box area (alternate bid)

16. Sheet A-115

A. Refer to revised, full -size drawing, included in this Addendum for the addition of a gymnastics pit in the southwest corner of the fieldhouse, and removal of flooring delineation (refer to sheet A-834).

17. Sheet A-117

A. Refer to revised, full -size drawing, included in this Addendum for the revision to door T111C and the additional length of CMU wall directly outside the door.

18. Sheet A-118

A. Refer to revised, full -size drawing, included in this Addendum for demising walls between classrooms being changed from C8 to C10, and addition of note 15 at

these locations.

19. Sheet A-119

A. Refer to revised, full -size drawing, included in this Addendum for the addition of a locker note and total locker count.

20. Sheet A-134

A. Refer to revised, full -size drawing, included in this Addendum for the elimination of certain windows, and labeled and revised door T201A, and clarified stair approach.

21. Sheet A-419

A. Refer to revised, full -size drawing, included in this Addendum for removing existing EIFS on existing east wall, revised sill elevation and rail, and added details 5 and 6.

22. Sheet A-425

A. Refer to revised, full -size drawing, included in this Addendum for detail of shower stall.

23. Sheet A-426

A. Refer to revised, full -size drawing, included in this Addendum for updates to locker bench dimensions and shower stall detail.

24. Sheet A-501

A. Refer to revised, full -size drawing, included in this Addendum for clarified locker dimensions and configurations

25. Sheet A-511

A. Refer to revised, full -size drawing, included in this Addendum for revision to detail 14.

26. Sheets A-601 and A-602

A. Refer to two revised, full -size drawings, included in this Addendum for for noted clarifications to the door schedule and added Glazing Type T.

27. Sheet A-610

A. Refer to revised, full -size drawing, included in this Addendum for added Frame Type P, added Glazing Type T, and other noted clarifications.

28. Sheet A-620

A. Refer to revised, full -size drawing, included in this Addendum for modified configuration of Curtainwall Type C6, added Glazing Type T, and other noted clarifications.

29. Sheet A-703

A. Refer to revised full-sized drawing, included in this Addendum, for change in casework.

30. Sheet A-704

A. Refer to revised full-sized drawing, included in this Addendum, for change of note for TV Studio Curtain.

31. Sheet A-723

A. Refer to revised full-sized drawing, included in this Addendum, for an additional classroom equipment noted.

32. Sheet A-730

A. Refer to revised full-sized drawing, included in this Addendum, for an additional elevation, change to an elevation and change to plastic laminate.

33. Sheet A-802

A. Refer to revised full-sized drawing, included in this Addendum, for addition of wall tile to corridor B-119

34. Sheet A-804

A. Refer to revised full-sized drawing, included in this Addendum, for room finishes D-104.

35. Sheet A-830

A. Refer to revised full-sized drawing, included in this Addendum, for revisions of floor tile.

36. Sheet A-834

A. Refer to revised full-sized drawing, included in this Addendum, for revised floor marking color.

37. Sheet A-841

A. Refer to revised full-sized drawing, included in this Addendum, for revisions of wall safety cushion wainscot.

B. Noted location of owner supplied award board.

C. Replaced reference to EIFS wall surface with gypsum board. Refer to Sheet A-419 for more information.

38. Sheet A-844

A. Refer to revised full-sized drawing, included in this Addendum, for revisions of elevation title.

39. Sheet A-845

A. Refer to revised full-sized drawing, included in this Addendum, for revised tile size and pattern.

40. Sheet A-904

A. Refer to revised full-sized drawing, included in this Addendum, for addition of Acoustical Spray on TV Studio Exposed Structure above Ceiling.

41. Sheet A-912

A. Refer to revised full-sized drawing, included in this Addendum, for revised extent of ceiling tile pad replacement.

42. Sheet M-001

A. Refer to revised full-sized drawing, included in this Addendum, for gas solenoid valve added to symbols and abbreviations list.

43. Sheet MD-109

A. Refer to revised full-sized drawing, included in this Addendum, for removal of EX. AHU S-21.

44. Sheet MD-131

A. Refer to revised full-sized drawing, included in this Addendum, for revised condenser demolition note.

45. Sheet MV-108

A. Refer to revised full-sized drawing, included in this Addendum, for replaced chilled water coil on EX. AHU S-24.

46. Sheet MV-127

A. Refer to revised full-sized drawing, included in this Addendum, for replaced chilled water coil on EX. AHU S-9.

47. Sheet MV-131

A. Refer to revised full-sized drawing, included in this Addendum, for smoke duct detector added.

48. Sheet MP-101

A. Refer to revised full-sized drawing, included in this Addendum, for added condensate piping.

49. Sheet MP-108

A. Refer to revised full-sized drawing, included in this Addendum, for added condensate piping and thermostat.

50. Sheet MP-119

A. Refer to revised full-sized drawing, included in this Addendum, for added condensate piping and thermostat.

51. Sheet M-135

A. Refer to revised full-sized drawing, included in this Addendum, for added unit heaters and smoke duct detectors.

52. Sheet M-401

A. Refer to revised full-sized drawing, included in this Addendum, for added unit heaters and added smoke duct detectors.

53. Sheet M-402

A. Refer to revised full-sized drawing, included in this Addendum, for the following revisions:

1. Revised location of CFS-1.
2. Added CAI duct for existing water heater.
3. Added unit heater.
4. Added SF-1.
5. Added notes for interlocking ex. Water heater to SF-1.
6. Added notes to interlock existing automatic damper to SF-1.

54. Sheet M-405

A. Refer to revised full-sized drawing, included in this Addendum, for revisions.

55. Sheet M-501

A. Refer to revised full-sized drawing, included in this Addendum, for updated PD-1 and CU-7 data.

56. Sheet M-502

A. Refer to revised full-sized drawing, included in this Addendum, for added SF-1 and

associated schedule remark.

57. Sheet M-503

A. Refer to revised full-sized drawing, included in this Addendum, for added mechanical Hydronic Coil Schedule.

58. Sheet FP001

A. Refer to revised, full-size drawing, included in this Addendum for updated note on Fire Protection Zone Plan.

59. Sheet PD203

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Removal of emergency shower.
2. Removal of emergency eye wash shown.

60. Sheets PD216, PD217

A. Refer to two (2) revised, full-size drawings, included in this Addendum for removal of combustion air intake through the wall.

61. Sheet P-108

A. Refer to revised, full-size drawing, included in this Addendum for removal of underground sanitary piping.

62. Sheet P-112

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Adjusted underground sanitary piping.
2. Added sewage ejector pump for Kitchen.

63. Sheet P-212

A. Refer to revised, full-size drawing, included in this Addendum, for added sanitary piping for ejector pump connection.

64. Sheet P-216

A. Refer to revised, full-size drawing, included in this Addendum, for added combustion air intake from existing water heater through roof.

65. Sheet P-501

A. Refer to revised, full-size drawing, included in this Addendum, for sewage ejector pump added to the plumbing fixture schedule.

66. Sheet E-001

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Revised symbol descriptions.
2. Added missing symbols.
3. Removed symbols not used.

67. Sheet ED102

A. Refer to revised, full-size drawing, included in this Addendum for adjusted existing lighting and existing device conflicts with new wall.

68. Sheet ED104

A. Refer to revised, full-size drawing, included in this Addendum for revisions to existing TVs and existing fire alarm devices to be relocated.

69. Sheet ED131

A. Refer to revised, full-size drawing, included in this Addendum for revisions.

70. Sheet EL101

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Revised sheet notes.
2. Added sheet note.
3. Revied location of exterior light fixtures.

71. Sheet EL102

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Adjusted existing lighting conflicts with new wall.
2. Revised existing switching.
3. Adjusted locations of new light fixtures.
4. Adjusting mounting style of exit signs.

72. Sheet EL104

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Refer to the attached sheet EL104 for the following revisions:
2. Added sheet notes.
3. Added pipe batten grid.
4. Added plug-in busway.

73. Sheet EL106

A. Refer to revised, full-size drawing, included in this Addendum for removed light fixture and switch.

74. Sheet EL117

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Revised lighting fixture types and locations.
2. Added exterior lighting fixtures.
3. Removed exterior lighting fixtures.

75. Sheet EP102

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Adjusted device conflicts with new wall.
2. Added fire alarm device.
3. Removed sheet note.
4. Removed wiremold.

76. Sheet EP103

A. Refer to revised, full-size drawing, included in this Addendum for removed wiremold.

77. Sheet EP104

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Removed wiremold.
2. Revised fire alarm device locations.
3. Relocated existing TV locations.
4. Added TV location.
5. Added sheet note.
6. Added floor boxes and under floor conduits.

78. Sheet EP106

A. Refer to revised, full-size drawing, included in this Addendum for added receptacle.

79. Sheet EP108

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Added mechanical equipment tag and sheet note.
2. Adjusted circuiting requirements.
3. Added TV locations.

80. Sheet EP109

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Revised location of electrical connections and feeder routing for CFS-1.
2. Added mechanical equipment tags and sheet notes.
3. Added mechanical equipment electrical connections.
4. Added transformer TLF11.
5. Added panel SDC-LF11.

81. Sheet EP116

A. Refer to revised, full-size drawing, included in this Addendum for revised TV locations.

82. Sheet EP117

A. Refer to revised, full-size drawing, included in this Addendum for the following

revisions:

1. Revised room numbers.
2. Added electrical connections for golf and batting cages.
3. Added circuits to Panel LT10.
4. Revised fire alarm pull station location.
5. Removed receptacles for IT equipment.
6. Revised location of Panel LT10.

83. Sheet EP119

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Added mechanical equipment tag and sheet notes.
2. Added receptacles.
3. Added data outlet.

84. Sheet EP131

A. Refer to revised, full-size drawing, included in this Addendum for revisions.

85. Sheet EP134

A. Refer to revised, full-size drawing, included in this Addendum for revised transformer name.

86. Sheet EP136

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Added mechanical equipment tags and sheet notes.
2. Added smoke dampers.
3. Added mechanical equipment electrical connections.

87. Sheet EP137

A. Refer to revised, full-size drawing, included in this Addendum for revised location of mechanical equipment.

88. Sheet EP140

A. Refer to revised, full-size drawing, included in this Addendum for revisions.

89. Sheet E-401

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Added mechanical equipment electrical connection.
2. Added mechanical equipment tag and conduit stub ups

90. Sheet E-501

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Revised name of transformer.
2. Revised names of panels.

3. Revised names of ATS's and location of where ATS's are fed from.
4. Revised feeder size.
5. Revised fuse size.
6. Added new fuses and new feeders
7. Added new Transformer TF11.
8. Added new distribution panel SDC-LF11.

91. Sheet E-502

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:
   1. Revised names of panels.
   2. Revised feeder size.
   3. Revised fuse size.
   4. Revised transformer size.

92. Sheet E-504

A. Refer to revised, full-size drawing, included in this Addendum for added fixture WB and revised fixture PD.

93. Sheet E-505

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:
   1. Revised electric cord reel details.
   2. Revised science room control detail.

94. Sheet E-507

A. Refer to revised, full-size drawing, included in this Addendum for revised turf room control cabinet detail.

95. Sheet E-602

A. Refer to revised, full-size drawing, included in this Addendum for revised mechanical equipment connection schedule.

96. Sheet E-603

A. Refer to revised, full-size drawing, included in this Addendum for revised mechanical equipment connection schedule.

97. Sheet E-604

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:
   1. Revised mounting types for Panels LA21, LA10, LA11 and LA20.
   2. Added circuits to Panels LA22 and LT10.
   3. Revised Panels LA10 and LA11 to be 60 circuits.
   4. Added spares and spaces.
   5. Added circuit to Panel LT20.
   6. Revised circuit breaker on Panel LT10.

98. Sheet E-605

A. Refer to revised, full-size drawing, included in this Addendum for revised names of panels.

99. Sheet T001

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Added and updated Telecommunications, Pathways and Security/Lifesafety device symbols.

100. Sheet TS-100

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Changed telecom site conduit location, routing, and quantity.

101. Sheet T-100

A. Refer to revised, full-size drawing, included in this Addendum for the following revisions:

1. Moved location where site conduit exits building.
2. Changed cable zoning.

102. Sheet T-101

A. Refer to revised, full-size drawing, included in this Addendum for the following revision:

1. Removed site OSP conduits exiting the building.

103. Sheet T-104D

A. Refer to revised, full-size drawing, included in this Addendum for the following revision:

1. Changed cable zoning near TV studio.

104. Sheet T-204

A. Refer to revised, full-size drawing, included in this Addendum for the following revision:

1. Added Teacher Data Locations in rooms D218 and D227.

105. Sheet T-405

A. Refer to revised, full-size drawing, included in this Addendum for the following revision:

1. Added drawing Detail 3 that provides equipment layout and type for the wall cabinet located in the TV studio storage room.

106. Sheet T-601

A. Refer to revised, full-size drawing, included in this Addendum for the following revision:

1. Updated Backbone Diagram to add connection to Telecom Wall Cabinet in TV Studio Storage Room.

Pages 1 through 19, inclusive, Specification Sections 08 34 73 and 11 66 43, and One Hundred Seven (107) Full-Size Drawings constitute the total makeup of **Addendum Three**.

GIBRALTAR DESIGN

SECTION 08 34 73
SOUND CONTROL DOOR ASSEMBLIES

1 General

1.1 Section Includes

A. Wood sound-control doors.

B. Steel frames and sound-control seals**.**

1.2 Related Sections

A. Section 08 11 13 – Standard Steel Doors and Frames.

B. Section 08 71 00 - Door Hardware.

C. Section 08 81 00 - Glazing.

D. Section 09 91 00 - Painting: Field painting of doors and frames.

1.3 References

A. ANSI A250.8 – SDI-100, Standard Steel Doors and Frames.

B. ANSI A250.11 – Erection Instructions for Steel Frames.

C. ASTM A366 – Steel, Sheet, Carbon, Cold-Rolled, Commercial Quality.

D. ASTM A568 – Steel, Sheet, Carbon, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements.

E. ASTM A569 - Steel, Carbon (0.25 Maximum Percent), Hot-Rolled Sheet and Strip Commercial Quality.

F. ASTM A620 – Steel Sheet, Carbon, Cold-Rolled Drawing Quality, Special Killed.

G. ASTM A653 – Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.

H. ASTM A924 – General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.

I. DHI - Door Hardware Institute: The Installation of Commercial Steel Doors and Steel Frames, Insulated Steel Doors in Wood Frames and Builder's Hardware.

1.4 Submittals

A. Submit shop drawings, product data, and manufacturer's installation instructions under provisions of Division 1.

1. Indicate frame configuration, anchor types and spacings, location of cutouts for hardware, reinforcement, and finish.

2. Indicate door elevations, internal reinforcement, closure method, and cut outs for glazing.

3. Provide manufacturers standard finishes for architect selection.

B. Schedule: Provide a schedule of sound-control door assemblies prepared by or under the supervision of supplier, using same reference numbers for details and openings as those on Drawings. Coordinate with the Door Hardware Schedule.

1.5 Quality Assurance

A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.

B. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.

C. Source Limitations: Obtain sound-control door assemblies, including doors, frames, sound-control seals, hinges (when integral for sound control), thresholds, and other items essential for sound control, from single source from single manufacturer.

1.6 Delivery, Storage, And Protection

A. Protect products under provisions of Division 1.

B. Protect doors and frames with resilient packaging.

2 Products

2.1 Wood Sound-Control Doors - Acceptable Manufacturers

A. Eggers Industries, Neenah, Wisconsin.

B. Marshfield Door Systems, Inc., Marshfield, Wisconsin.

C. V. T. Industries, Holstein, Iowa.

2.2 Door Types

A. Provide flush-design sound-control doors, 1-3/4 inches thick; with manufacturer's sound-retardant core as required to provide STC of 44 rating. Fabricate according to WDMA 1.S.1-A.

B. Materials: Solid non-rated Core: AWI Section 1300, PC-5, Veneer Bonded Particle Core.

C. Facing Qulaity: AWI custom grade.

D. Flush Interior Door Veneer: Match Existing Door veneers and matching.

E. Finishes: Factory finish sound-control wood doors to match existing wood doors.

2.3 Sound-Control Door Frames

A. Fabricate sound-control door frames with corners mitered, reinforced, and continuously welded full depth and width of frame. Fabricate according to ANSI/NAAMM-HMMA 865. Frames:

1. Weld frames according to NAAMM-HMMA 820.

2. Fabricate from cold-rolled steel sheet unless otherwise indicated, 0.075-inch nominal thickness, or thicker as required to provide STC rating indicated.

3. Hardware Reinforcement: Fabricate according to ANSI/NAAMM-HMMA 865 of same material as face sheets.

4. Jamb Anchors: Stud-Wall Type: Designed to engage stud, welded to back of frames; not less than 0.048-inch nominal thickness uncoated steel unless otherwise indicated.

B. Material: Commercial quality, stretcher leveled flatness, cold rolled steel, ASTM A366 or ASTM A620 and A568 general requirements or galvanized steel sheet, ASTM A924 or A653 hot dip galvanized to A60 minimum coating weight standard.

2.4 Accessories

A. Jamb Anchors: Stirrup and strap type.

B. Glazing Stops: Rolled steel channel shape, mitered corners; prepared for countersunk style screws.

2.5 Sound-Control Hardware

A. Provide manufacturer's standard sound-control system, including head and jamb seals, door bottoms, cam-lift hinges, and thresholds, as required by testing to achieve STC rating indicated.:

1. Compression Seals: One-piece units; consisting of closed-cell sponge neoprene seal held in place by metal retainer; with retainer cover of same material as door frame; attached to door frame with concealed screws.

2. Automatic Door Bottoms: Neoprene or silicone gasket, held in place by metal housing, that automatically drops to form seal when door is closed; mounted to bottom edge of door with screws.

a. Mounting: Recessed or surface mounted such as needed to achieve STC rating indicated.

3. Thresholds: Flat, smooth, unfluted type as recommended by manufacturer; fabricated from aluminum.

4. Other Hardware: Comply with requirements of Section 08 71 00 – Door Hardware for additional hardware.

2.6 Fabrication

A. Sound-Control Steel Door Frame Fabrication: Sound-control doors to be rigid and free of defects, warp, or buckle. Accurately form metal to required sizes and profiles, with minimum radius for thickness of metal.

B. Weld flush face joints continuously; grind, fill, dress, and make smooth, flush, and invisible. Where frames are fabricated in sections due to shipping or handling limitations, provide alignment plates or angles at each joint, fabricated from same thickness metal as frames.

C. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners unless otherwise indicated.

D. Jamb Anchors - Stud Wall Type: Locate anchors not more than 18 inches from top and bottom of frame. Space anchors not more than 32 inches o.c. and **minimum four per jamb frame**.

E. Hardware Preparation: Factory prepare sound-control doors to receive templated mortised hardware; include cutouts, reinforcement, mortising, drilling, and tapping, according to the Door Hardware Schedule and templates furnished as specified in Section 08 71 00 "Door Hardware.

F. Tolerances: Fabricate doors to tolerances indicated in ANSI/NAAMM-HMMA 865.

G. Sound-Control Wood Door Fabrication: Factory fit doors to suit frame-opening sizes indicated, with uniform clearances and bevels according to referenced quality standard, unless otherwise indicated. Comply with final door hardware schedules and hardware templates.

H. Welded unit type.

1. Grind all welds smooth.

2. Verify throat opening and wall thickness prior to fabrication.

I. Reinforce frames wider than 48 inches with roll formed steel channels fitted tightly into frame head, flush with top.

2.7 Finish

A. Primer: Baked on.

3 Execution

3.1 Installation

A. Install frames in accordance with ANSI A250.11.

B. Coordinate with wall construction for anchor placement.

C. Install roll formed steel reinforcement channels between two abutting frames. Anchor to structure and floor.

D. Sound-Control Seals: Where seals have been prefit and preinstalled in the factory and subsequently removed for shipping, reinstall seals and adjust according to manufacturer's written instructions.

E. Thresholds: Set thresholds in full bed of sealant complying with requirements in Section 079200 "Joint Sealants."

F. Coordinate installation of glass and glazing.

1. Install glazing beads on corridor side of frame where possible.

3.2 Tolerances

A. Maximum Diagonal Distortion: 1/16 inch measured with straight edge, corner to corner.

3.3 Adjusting

A. Adjust hardware for smooth and balanced door movement.

END OF SECTION

SECTION 11 66 43
SCOREBOARDS

1 General

1.1 Section Includes

A. Outdoor Video and Scoreboards
   1. Video Display and Play Clocks for Football Stadium
   2. Scoreboard for Soccer Stadium
   3. Scoreboards for Varsity Baseball and Softball

B. Indoor Video and Scoreboards
   1. Video, Scoreboard, and Shot Clocks for Competition Gym
   2. Scoreboard for Aux courts in Competition Gym
   3. Scoreboards for Field House
   4. Portable Wrestling Scoreboards

C. Entrance Marquee
   1. Three-Sided marquee for school entrance.

D. Provide control consoles for each scoreboard and Marquee system.

E. Provide control cabling and accessories for each scoreboard and Marquee system.

1.2 Related Sections

A. Section 26 05 00 - Basic Electrical Requirements.

B. Section 26 05 29 - Supporting Devices.

1.3 Submittals

A. Submit shop drawings and product data under provisions of Division 1 and Division 26.

B. Include basic system diagrams, data sheets, type, dimensions, fabrication details, fittings, supports, accessories, and finishes.

1.4 Regulatory Requirements

A. Underwriters' Laboratory (UL) listed, UL 48.

B. National Electrical Code.

1.5 Delivery, Storage, And Handling

A. Deliver, store, protect, and handle products to site under provisions of Division 1.

B. Accept scoreboard equipment on site. Inspect for damage.

C. Protect equipment during storage according to manufacturer's instructions.

1.6 Project Conditions

A. Environmental Limitations: Do not install display equipment until mounting structure is secure and concrete has ample time to cure.

B. Field Measurements: Verify position and elevation of structure and its layout for display equipment. Verify dimensions by field measurements.

C. Verify mounting structure can support the display's weight and wind load in addition to the auxiliary equipment.

D. Installation may proceed within acceptable weather conditions.

1.7 Warranty

A. Provide warranty under provisions of Division 1.

B. Warranty: Include coverage for 100 percent replacement of all defective parts or workmanship.

C. Extended Warranty: Furnish to Owner all extended warranties provided by manufacturers.

D. Furnish a copy of this warranty together with the operating instructions and maintenance data.

1.8 Operation And Maintenance Data

A. Submit operation and maintenance data under provisions of Division 1 and Division 26.

B. Include complete owner/user operating instructions and maintenance information.

2 Products

2.1 Acceptable Manufacturers

A. Scoreboards/Video Boards/Clocks/Timers/Marquee:

1. BASIS OF DESIGN: Daktronics, Inc.

2. Fair-Play Scoreboards, A Division of Trans-Lux Corporation.

3. Nevco Scoreboard Company.

4. Manufacturers are to align/match to basis of design equipment for operational and functional criteria for a complete operating system.

2.2 Video Display Board

A. LVX displays show live and recorded video clips, real-time scores/stats, animations, graphics, and text messages. Modules feature SMD (3-in-1) LED packages with 10 mm row and column spacing.

B. Size: 14.4-feet high, 25.2-feet wide, 11.0625-inches deep, with Matrix size: 432 x 756.

C. Color: Standard semi-gloss black on sides.

D. Display: Color capacity is 16 bit, LED refresh rate of 4800 Hz, with signal redundancy.

1. Display Interface: The full-color video display must be able to interface and display real-time data from the control system without the need for a duplicate or redundant input.

E. Additional Construction:

1. Custom Arch Truss: 4 ft 0 in tall x 25 ft 3 in long w/ 50% Non-Backlit Lettering/Logo.

F. Accessories:

1. Equipment Rack: 15-inch h x 10.65-inch w x 14-inch deep.

2. Provide a Digital Media Player (DMP):

a. Animation rates of up to 60 frames per second
b. Resolution: 1080p 59.94
c. Video Input: up to 1080p 59.94
d. Video Output: DisplayPort to Video Image Processor
e. Audio Output: balanced 3-pin XLR
f. Ports: USB 2.0 @4, USB 3.0 @2
g. Memory: 16 GB DDR4
h. Storage: 1 TB
i. Networking: 10/100/1000 Ethernet (RJ-45 LAN) @2
j. Dimensions: Half-width 1RU; 1.75" (44.5 mm) H x 8.75" (222 mm) W x 12" (305 mm) D

3. Provide a Video Image Processor (VIP):

a. Provide a Video Image Processor (VIP).
b. Video Input: DVI from Daktronics DMP
c. Video Output: Daktronics ProLink® 6 (fiber optic) @2
d. Color space conversion: Proprietary LED conversion
e. Networking: 10/100/1000 Ethernet (RJ-45 LAN) @1
f. Dimensions: Half-width 1RU; 1.75-inches H x 8.75-inches W x 12-inches D
g. Fiber Optic Communication to display (50/125 µm multi-mode).

4. Network Router: 8-port gigabit.

5. Primary/Backup System:

a. Allows switching to live/hot backup system via control software if primary system goes down. No physical swapping of cables or devices is required.

b. Includes one (1) Primary and one (1) Backup Digital Media Player along with one (1) Primary and one (1) Backup Video Processor.

c. Includes one (1) Primary and one (1) Backup Digital Media Player along with one (1) Primary and one (1) Backup Video Processor.

6. 720p Media Player for Concourse Displays.

a. Provide a Digital Media Player (DMP).
b. Animation rates of up to 60 frames per second
c. Resolution: 720p full motion
d. Video Input: Component, Composite, or SDI (HD-SDI)
e. Video Output: DVI for customer to distribute to monitors and TVs

7. Control Computer (Laptop)

a. Operating System: Windows® 10 Pro 64
b. Processor: Intel® Core™ i5
c. Memory: 16 GB RAM
d. Hard Drive: 500 GB
e. Form Factor: Dell Latitude 5510

8. Includes one (1) Primary and one (1) Backup Digital Media Player along

9. Control Software:

a. Manufacturer must provide a Windows® 10 based laptop computer with the control software loaded, configured, and ready to control display at startup. All systems are to be managed by this computer software.

10. Scoring Control Software:

a. Modern Interface that allows control via provided laptop and/or touchscreen tablet.

11. Start/Stop Console:

a. Console is an RC-200 wireless handheld controller. Is to include:

1) 2.4 GHz spread spectrum radio with 64 non-interfering channels
2) Rechargeable battery provides 8-10 hours of operation on full charge
3) Durable ABS plastic enclosure to house electronics
4) Sealed membrane water-resistant keyboard
5) 128x64 LCD to verify entries and recall information currently displayed
6) Carrying/operation case with belt clip, wrist and neck strap.

2.3 Play Clocks

A. Provide Daktronics TI-2035 outdoor LED timer displays game time to 99:59 and a play clock that can count up to or down from any preset time between 0 and 99 seconds. During the last minute of the period, game time is displayed to 1/10 of a second.

B. Quantity: two (2).

C. Dimensions: 3.75-feet high, 3.5-feet wide, 8-inches deep.

D. Color: From manufacturers full range of colors.

E. Digits:

1. LED color: Red play clock with White game time
2. Game time digits: 24" (610 mm) high
3. Play clock digits: 10" (254 mm) high
4. Seven bar segments per digit
5. PanaView® LED digit technology
6. All digits are sealed front and back with weather-tight silicone gel.

F. Accessories: Horn.

2.4 Varsity Baseball and Softball Scoreboard Systems

A. Provide two (2) complete Varsity Baseball and Softball scoreboard systems at the locations indicated. Each system shall include control consoles with control console carrying cases.

B. Daktronics BA-2125 single-sided baseball scoreboard displays HOME and GUEST team scores for up to 10 innings, total RUNS and HITS to 99 and ERR (errors) to nine for each team, AT BAT to 99, BALL to three, STRIKE to two, OUT to two, and H/E (hit or error) with field position number for the error. Scoreboard can show TIME or PITCH COUNT instead of AT BAT, as well as AT BAT or PITCH COUNT in place of H/E.

C. Dimensions: 7-foot high, 25-foot wide, 8 inches deep.

D. Color: From manufacturers full range of colors.

E. Digits:

1. LED color: White
2. AT BAT, BALL, STRIKE, OUT, and H/E digits: 18" (457 mm) high
3. Inning scores, RUNS, HITS, and ERR digits: 15" (381 mm) high
4. Seven bar segments per digit
5. PanaView® LED digit technology
6. All digits are sealed front and back with weather-tight silicone gel

F. Captions and Accessories:

1. Vinyl applied directly to scoreboard face
2. HOME and GUEST captions: 12" (305 mm) high
3. AT BAT, BALL, STRIKE, OUT, and H/E captions: 10" (254 mm) high
4. Inning numbers, RUNS, HITS, and ERR captions: 8" (203 mm) high
5. Color: standard white or others available upon request.
6. Vinyl striping applied around the scoreboard face
7. Vinyl striping applied around the BALL, STRIKE, and OUT digits
8. Custom team name caption in place of HOME
9. Radio Receiver.

G. Additional Construction:

1. Custom Arch Truss: 4 ft 0 in tall x 25 ft long w/ 50% Non-Backlit Lettering/Logo.

H. Scoring System:

1. Scoring system consists of an All Sport® MX-1 interface box and a compatible CUSTOMER-SUPPLIED mobile device or tablet with DAK Score application installed.

2. Scoreboard(s) may be controlled via wired signal connection or wireless radio.

3. Provide DAK MX-1 Interface Box.

2.5 Soccer Scoreboard System

A. Provide one (1) Daktronics SO-2013 single-sided soccer scoreboard displays period time to 99:59, HOME and GUEST scores to 99, PERIOD to nine, and SHOTS and C. KICKS (or CORNERS) to 99 for both teams. Scoreboard can show SAVES instead of corner kicks for lacrosse/field hockey. During the last minute of the period, the clock displays time to 1/10 of a second.

B. Dimensions: 6-foot high, 16-foot wide, 8 inches deep.

C. Color: From manufacturers full range of colors.

D. Digits:

1. LED color: White
2. Clock digits: 24" (610 mm) high
3. HOME, GUEST, PERIOD, SHOTS, and C. KICKS: 18" (457 mm) high
4. Seven bar segments per digit
5. PanaView® LED digit technology
6. All digits are sealed front and back with weather-tight silicone gel

E. Captions and Accessories:

1. Vinyl applied directly to scoreboard face
2. HOME and GUEST captions: 10" (305 mm) high
3. SHOTS, C. KICKS, and PERIOD captions: 7" (178 mm) high
4. Color: standard white or others available upon request.
5. Vinyl striping applied around the scoreboard face
6. Custom team name caption in place of HOME
7. Radio Receiver.

F. Additional Construction:

1. Custom Arch Truss: 3 ft 0 in tall x 16 ft long w/ 50% Non-Backlit Lettering/Logo.

G. Scoring System:

1. Scoring system consists of an All Sport® MX-1 interface box and a compatible CUSTOMER-SUPPLIED mobile device or tablet with DAK Score application installed.
2. Scoreboard(s) may be controlled via wired signal connection or wireless radio.
3. Provide DAK MX-1 Interface Box.

2.6 Indoor Video Display Systems

A. DVN displays show live and recorded video clips, real-time scores/stats, animations, graphics, and text messages. Modules feature SMD (3-in-1) LED packages with 3.9 mm row and column spacing to provide wider viewing angles and extremely close viewing distances.

B. Dimensions: 9.87-feet high, 16.43-feet wide, 3.307-inches deep

C. Color: Standard black.

D. Display: Color capacity is 16 bit, LED refresh rate of 3840 Hz, with signal redundancy.

1. Display has signal redundancy allowing for signal path both forward and backwards through panels allowing for loss of only 1 panel vs. rows or blocks of multiple panels in case of failure.

E. Accessories:

1. Equipment Rack: 15-inch h x 10.65-inch w x 14-inch deep.

2. Provide a Digital Media Player (DMP):

a. Animation rates of up to 60 frames per second
b. Resolution: 1080p 59.94
c. Video Input: up to 1080p 59.94
d. Video Output: DisplayPort to Video Image Processor
e. Audio Output: balanced 3-pin XLR
f. Ports: USB 2.0 @4, USB 3.0 @2
g. Memory: 16 GB DDR4
h. Storage: 1 TB
i. Networking: 10/100/1000 Ethernet (RJ-45 LAN) @2
j. Dimensions: Half-width 1RU; 1.75-inch H x 8.75-inch W x 12-inch D

3. Display Interface:

a. Provide a Display Interface (DI).
b. Video Input: DVI from Daktronics DMP
c. Video Output: Daktronics ProLink® 6 (fiber optic) @4
d. Storage: 32GB mSATA, SLC
e. Dimensions: Half-width 1RU; 3.4-inch H x 8.7-inch W x 12-inch D

4. Network Router: 16-port gigabit.

5. Primary/Backup System:

    a. Allows switching to live/hot backup system via control software if primary system goes down. No physical swapping of cables or devices is required.

    b. Includes one (1) Primary and one (1) Backup Digital Media Player along with one (1) Primary and one (1) Backup Video Processor.

    c. Includes one (1) Primary and one (1) Backup Digital Media Player along with one (1) Primary and one (1) Backup Video Processor.

6. Control Computer (Laptop)

    a. Operating System: Windows® 10 Pro 64
    b. Processor: Intel® Core™ i5
    c. Memory: 16 GB RAM
    d. Hard Drive: 500 GB
    e. Form Factor: Dell Latitude 5510

7. Includes one (1) Primary and one (1) Backup Digital Media Player along

8. Control Software:

    a. Manufacturer must provide a Windows® 10 based laptop computer with the control software loaded, configured, and ready to control display at startup. All systems are to be managed by this computer software.

9. Scoring Control Software – All Sports Pro:

    a. Modern Interface that allows control via provided laptop and/or touchscreen tablet. Basketball/volleyball scores, assigning common or custom rule profiles, seamlessly switching game display and display content, multiple data inputs and Real-Time Data to video displays and control.

10. Streaming Overlay Output – Live Scorebug:

    a. System consists of Live Score Bug device along with 2 network cables, a USB to Ethernet converter, power adapter and an RS232 cable

    b. Supported scoring consoles are either the All Sport 5000 or All Sport Pro

    c. Live Score Bug can be connected to All Sport scoring console either directly through the serial port of the console, or through the network switch of a video rack

    d. Once connected to the scoring data, the Live Score Bug can output the scoring graphic either via NDI or HDMI

    e. Scoring graphic automatically changes by the sport, as directed by the All Sport scoring console. Supported sports include:

        1) Baseball/Softball (All Sport 5000 only)

2) Basketball
3) Football
4) Hockey (All Sport 5000 only)
5) Lacrosse
6) Soccer
7) Volleyball

f. Scoring graphic allows for customization, with the ability to store sponsor logos and team colors/logos in Live Score Bug, and swap sponsor/team logos and colors in and out.

g. Soft sided carrying case can be included.

2.7 Basketball Scoreboard System - Main Gym

A. Provide one (1) Daktronics BB-2107 single-sided basketball scoreboard displays period time to 99:59, HOME and GUEST scores to 199, PERIOD to nine, team FOULS to 19, PLAYER number to 99, player FOUL to nine, T.O.L. (time outs left) to nine and indicates possession and bonus. During the last minute of the period, scoreboard displays time to 1/10 of a second. Scoreboard can also score volleyball, wrestling and any sport requiring a clock, score and period function

B. Dimensions: 6-foot high, 10-foot wide, 6-inches deep.

C. Color: From manufacturers full range of colors.

D. Digits:

1. LED digit technology: PanaView® (PV) – discrete LEDs protrude through the scoreboard face.
2. LED color: White
3. Clock and score digits: 13" (330 mm) high
4. PERIOD, FOULS, PLAYER/FOUL and T.O.L. digits: 10" (254 mm) high
5. Bonus indicators: 4" (102 mm) high
6. Possession arrows: 3" (76 mm) high
7. Seven bar segments per digit

E. Captions and Accessories:

1. Vinyl applied directly to scoreboard face
2. HOME and GUEST captions: 12" (305 mm) high
3. PERIOD, FOULS/SCORE, PLAYER/FOUL/MATCH and T.O.L. captions: 4" (102 mm) high
4. Color: standard white or others available upon request.
5. Horn:
   a. Vibrating horn mounted inside the scoreboard cabinet behind the face
   b. Sounds automatically when period clock counts down to zero
   c. Sounds manually as directed by operator
6. Power Cord: 11-feet long.
7. Vinyl striping applied around the scoreboard face
8. Two 6" (152 mm) high Programmable Team Name Message Centers (TNMCs) in place of vinyl HOME and GUEST captions – add 15 lb (7 kg) and 60 W

9. Double bonus indicators in place of single bonus indicators
10. Two 17" (432 mm) high, 33" (838 mm) wide aluminum panels in upper corners with vinyl logo/sponsor decoration

2.8 Basketball Shot Clocks – Main Gym

A. Provide two (2) Daktronics BB-2115 single-sided basketball game and shot clock timer displays game time to 99:59 and shot times up to a value of 99 seconds. It can also count down from any preset time between 0 and 99 seconds. During the last minute of the period, game time is displayed to 1/10 of a second. A hand-held start/stop/reset switch is included with purchase.

B. Dimensions: 2.33-inch high, 2.42-inch wide, 0'-6-inchdeep System Equipment.

C. Color: Provide full range of manufacturers colors.

D. Digits:

1. LED digit technology: PanaView® (PV) – discrete LEDs protrude through the scoreboard face
2. Shot clock digits: 13" (330 mm) high
3. Game clock digits: 7" (178 mm) high
4. Shot clock digits: red LEDs
5. Game clock digits and colon: amber LEDs
6. Seven bar segments per digit.

E. Horn:

1. Internal horn sounds automatically when shot clock counts down to zero
2. Sound is distinctly different from the game-clock horn.

2.9 Basketball Backboard Light Strips – Main Gym

A. Provide two (2) Daktronics LTS-BB LED light strip kit acts as a visual indicator to communicate with basketball players, fans and officials. A strip of red LEDs behind the face of the backboard lights up when the game clock reaches zero. Alternately, the light strip can be programmed to illuminate when the game (or shot clock) horn sounds or while the clock is stopped. This kit is designed to fit typical backboard models used at high school and collegiate levels.

B. Light strips (without mounting hardware) are 0.82-inch tall and 0.38-inch deep. Light strip across the top is 62inch wide. The two light strips on the bottom are each 18-inch wide. The lengths of the two light strips along the sides vary depending on size of backboard, either 29-inch for a 42-inch tall backboard or 35-inch for a 48-inch tall backboard.

C. Indicators: Red LED.

D. Control: Daktronics shot clock or LED light strip controller; 18 AWG jacketed signal cable with 3-pin XLR male and female ends.

2.10 Basketball Scoreboard System - Main Gym Balcony

A. Provide two (2) Daktronics BB-2103 single-sided basketball scoreboard displays period time to 99:59, HOME and GUEST scores to 199, PERIOD to nine, team FOULS to 19, PLAYER number to 99, player FOUL to nine and indicates possession and bonus. During the last minute of the period, scoreboard displays time to 1/10 of a second. Scoreboard can also score volleyball, wrestling and any sport requiring a clock, score and period function.

B. Dimensions: 6-foot high, 8-foot wide, 6-inches deep.

C. Color: From manufacturers full range of colors.

D. Digits:

1. LED digit technology: PanaView® (PV) – discrete LEDs protrude through the scoreboard face.
2. LED color: Amber clock/colon and PERIOD digits and bonus indicators with Red score digits and possession indicators.
3. Clock and score digits: 13" (330 mm) high
4. PERIOD, FOULS, PLAYER/FOUL and T.O.L. digits: 10" (254 mm) high
5. Bonus indicators: 4" (102 mm) high
6. Possession arrows: 3" (76 mm) high
7. Seven bar segments per digit

E. Captions and Accessories:

1. Vinyl applied directly to scoreboard face
2. HOME and GUEST captions: 6" (305 mm) high
3. PERIOD, FOULS/SCORE, PLAYER/FOUL/MATCH and T.O.L. captions: 4" (102 mm) high
4. Color: standard white or others available upon request.
5. Horn:
   a. Vibrating horn mounted inside the scoreboard cabinet behind the face
   b. Sounds automatically when period clock counts down to zero
   c. Sounds manually as directed by operator
6. Power Cord: 11-feet long.
7. Vinyl striping applied around the scoreboard face.

F. Scoring System:

1. Scoring system consists of an All Sport® MX-1 interface box and a compatible CUSTOMER-SUPPLIED mobile device or tablet with DAK Score application installed.
2. Scoreboard(s) may be controlled via wired signal connection or wireless radio.
3. Provide DAK MX-1 Interface Box.

2.11 Basketball Scoreboard System - Fieldhouse

A. Provide three (3) Daktronics BB-2101 single-sided basketball scoreboard displays period time to 99:59, HOME and GUEST scores to 199, PERIOD to nine and indicates possession and bonus. During the last minute of the period, scoreboard displays time to 1/10 of a second. Scoreboard can also score volleyball, wrestling and any sport requiring a clock, score and period function.

B. Dimensions: 4-foot high, 8-foot wide, 6-inches deep.

C. Color: From manufacturers full range of colors.

D. Digits:

1. LED digit technology: PanaView® (PV) – discrete LEDs protrude through the scoreboard face.
2. LED color: Amber clock/colon and PERIOD digits and bonus indicators with Red score digits and possession indicators.
3. Clock and score digits: 13" (330 mm) high
4. PERIOD digit: 10" (254 mm) high
5. Bonus indicators: 4" (102 mm) high
6. Possession arrows: 3" (76 mm) high
7. Seven bar segments per digit

E. Captions and Accessories:

1. Vinyl applied directly to scoreboard face
2. HOME and GUEST captions: 6" (305 mm) high
3. PERIOD caption: 4" (102 mm) high
4. Color: standard white or others available upon request.
5. Horn:
   a. Vibrating horn mounted inside the scoreboard cabinet behind the face
   b. Sounds automatically when period clock counts down to zero
   c. Sounds manually as directed by operator
6. Power Cord: 11-feet long.
7. Vinyl striping applied around the scoreboard face.

F. Scoring System:

1. Scoring system consists of an All Sport® MX-1 interface box and a compatible CUSTOMER-SUPPLIED mobile device or tablet with DAK Score application installed.
2. Scoreboard(s) may be controlled via wired signal connection or wireless radio.
3. Provide DAK MX-1 Interface Box and soft-sided carrying case for MX-1 Mobile Scoring Kit.

2.12 Basketball Scoreboard System - Fieldhouse

A. Provide one (1) Daktronics BB-2103 single-sided basketball scoreboard displays period time to 99:59, HOME and GUEST scores to 199, PERIOD to nine, team FOULS to 19, PLAYER number to 99, player FOUL to nine and indicates possession and bonus. During the last minute of the period, scoreboard displays time to 1/10 of a second. Scoreboard can also score volleyball, wrestling and any sport requiring a clock, score and period function.

B. Dimensions: 6-foot high, 8-foot wide, 6-inches deep.

C. Color: From manufacturers full range of colors.

D. Digits:

1. LED digit technology: PanaView® (PV) – discrete LEDs protrude through the scoreboard face.
2. LED color: Amber clock/colon and PERIOD digits and bonus indicators with Red score digits and possession indicators.
3. Clock and score digits: 13" (330 mm) high
4. PERIOD FOULS and PLAYER/FOUL digits: 10" (254 mm) high
5. Bonus indicators: 4" (102 mm) high
6. Possession arrows: 3" (76 mm) high
7. Seven bar segments per digit

E. Captions and Accessories:

1. Vinyl applied directly to scoreboard face
2. HOME and GUEST captions: 6" (305 mm) high
3. PERIOD, FOULS/SCORE and PLAYER/FOUL/MATCH captions: 4" (102 mm) high
4. Color: standard white or others available upon request.
5. Horn:
   a. Vibrating horn mounted inside the scoreboard cabinet behind the face
   b. Sounds automatically when period clock counts down to zero
   c. Sounds manually as directed by operator
6. Power Cord: 11-feet long.
7. Vinyl striping applied around the scoreboard face.

F. Scoring Console:

1. Console is an All Sport® 5000 controller
2. Scores multiple sports using changeable keyboard inserts
3. Controls multiple scoreboards, stats displays and shot clocks, including other All Sport 5000 controlled displays currently owned by customer
4. Recalls clock, score, and period information if power is lost
5. Runs Time of Day and Segment Timer modes
6. Console includes:
   a. Rugged aluminum enclosure to house electronics
   b. Sealed membrane water-resistant keyboard
   c. 32-character backlit LCD to verify entries and recall information currently displayed
   d. Power cord that plugs into a standard grounded outlet; 6 watts max

e. Control cable to connect to the control receptacle junction box (wired system only)
f. Hand-held switch for main clock start/stop and horn
g. Soft-sided carrying case

7. Accessory Equipment
   a. 2.4 GHz spread spectrum radio system with frequency hopping technology and 64 non-interfering channels; system includes a transmitter installed inside the console and a receiver installed inside the scoreboard(s)

2.13 Wrestling Scoreboard System

A. Provide two (2) Indoor LED Matside® Jr. wrestling scoreboards displays period time to 99:59, MATCH to 999, period to 9, and scores to 99. Blood time or injury time is displayed on the main clock when either function is activated. During blood or injury time count, individual score digits flash to indicate which wrestler's blood/injury time is running. Each model can be used as a table-top display or mounted on an optional tripod. These models can also score basketball, gymnastics and volleyball with included changeable caption panels.

B. Dimensions: WR2103: 22-inches high, 27-inches wide, 25-inches deep.

C. Color: Semi-Gloss Black.

D. Digits:

1. LED digit technology: PanaView® (PV) – discrete LEDs protrude through the scoreboard face.
2. LED color: MATCH, clock, and period digits are amber. Left score digits are green. Right score digits are red.
3. All digits: 5" (127 mm) high
4. Seven bar segments per digit

E. Captions and Accessories:

1. Vinyl applied directly to scoreboard face
2. MATCH caption is 1.5" (38 mm) high. A white stripe outlines the clock.
3. MATCH caption is applied directly to the display face. COMP # and SETS WON captions are on changeable panels.
4. Color: standard white.
5. Horn:
   a. Vibrating horn mounted inside the scoreboard cabinet behind the face
   b. Sounds automatically when period clock counts down to zero
   c. Sounds manually as directed by operator
6. Power Cord: 11-feet long.
7. Accessory equipment: Tripod for Matside Jr. Wrestling.

F. Scoring Console:

1. Console is an All Sport® 5000 controller
2. Scores multiple sports using changeable keyboard inserts
3. Controls multiple scoreboards, stats displays and shot clocks, including other All Sport 5000 controlled displays currently owned by customer
4. Recalls clock, score, and period information if power is lost
5. Runs Time of Day and Segment Timer modes
6. Console includes:
    a. Rugged aluminum enclosure to house electronics
    b. Sealed membrane water-resistant keyboard
    c. 32-character backlit LCD to verify entries and recall information currently displayed
    d. Power cord that plugs into a standard grounded outlet; 6 watts max
    e. Control cable to connect to the control receptacle junction box (wired system only)
    f. Hand-held switch for main clock start/stop and horn
    g. Soft-sided carrying case

7. Accessory Equipment
    a. 2.4 GHz spread spectrum radio system with frequency hopping technology and 64 non-interfering channels; system includes a transmitter installed inside the console and a receiver installed inside the scoreboard(s)

2.14 Marquee System - Main Entrance

A. LED Display Cabinet.

1. Cabinet Dimensions: 6.5-feet high, 7.5-feet wide, 7-inches deep - **max**.

B. The cabinet shall contain a full LED matrix measuring a minimum of 225 pixel rows high by 270 pixel columns wide.

C. Cabinet Display Configuration – Three View (3V), three sided display.

D. All display and functionality shall comply with industry standards for display equipment.

E. Housing Frame:

1. Display materials shall use non-corrosive materials or have a protective coating so they shall be anti-corrosive and not degrade or oxidize.
2. Adequate ventilation shall be provided through convection without the need to provide extra space around the sides or behind the display.
3. Steel mounting points that can be used for mounting purposes shall be provided with the display and have the ability to be adjusted for alternative mounting methods.
4. Shall include lifting supports that can be removed after installation.

F. Exterior Finish:

1. The LED display border pieces shall be coated with an automotive-grade acrylic urethane paint.

G. Front Face Construction & Serviceability:

1. To meet the display readability requirements, the front face must be constructed in such a manner that it provides high contrast, low sunlight reflection and durability in all weather and site conditions.
2. Minimum features of front face shall:
   a. Include horizontal louvers for contrast enhancement.
   b. Include vertical ribbing for contrast enhancement
   c. Use surface materials in the active LED area, such as metal, plastic, or other face materials, designed for low sunlight reflectivity.
3. The display housing shall provide safe and convenient front service access for all modular assemblies, components, wiring, and other materials located within the housing.
4. All internal components shall be removable and replaceable by a single technician with basic hand tools.
5. Service access shall be easily obtained by removal of one or more modules in front of the associated internal component.
6. Each module should allow simple removal with a single latch system.
7. Displays shall be designed with service features that minimize potential bodily harm.

H. Display Components

1. LED display modules shall be constructed for good readability, long life, and ease of service, and comply with Industry Standards.
2. Pixels shall conform to Industry Standards for function and requirements for Display Boards.
3. Display Performance:
   a. The LED display shall present messages that are continuous, uniform, and unbroken in appearance.
   b. The LED display shall be capable of producing 281 trillion colors for RGB at all dimming levels.
   c. Each display pixel shall be composed of one surface mount LED containing one each – red, green, and blue LED within a single package.
   d. The LED display shall be capable of displaying all true type fonts.
   e. The display shall be able to display messages composed of any combination of alphanumeric text, punctuation symbols, graphic images, and pre-canned video files.
   f. Video and message files shall have up to a 30 frame per second playback capability.

4. Controller:
   a. The display's controller shall be able to run independently from a controlling computing device allowing the display to operate even when the controlling device is unhooked or turned off.
   b. Communication protocol shall support other matrix products from the vendor such as other outdoor or indoor displays of varying sizes and/or colors.
   c. Each controller shall be connected to a light sensor allowing each LED display to automatically adjust brightness according to display direction and lighting conditions.

d. The controller shall allow connection to a temperature sensor that provides accurate site temperatures.
e. Active presentations, stored presentations, schedules, display configuration, time and date shall be stored in non-volatile memory. No external power or battery backup will be required to maintain this data.

5. Control and Communications:
   a. The display controller should be DHCP-enabled and allow for static IP addressing.
   b. Each single face display shall be controller and monitored by its own embedded LED controller. Each 2V display shall be controlled and monitored by one sign controller in the primary face, and the secondary face must show the same mirrored content.
   c. The LED controller shall be able to receive instructions from and provide information by accessing the Venus Control Suite using the following communication modes:
      1) Ethernet Cellular Modem – Daktronics Verizon 4 G Cellular Modem, requires Data Plan

6. Control Software:
   a. Control Software: Display content and scheduling shall be via Venus Control Suite (VCS) cloud-based solution. Software to be hosted on manufacturer's servers at no cost to the customer. Web browser access to the solution to support iOS Safari, Android Chrome, Internet Explorer v11+, Microsoft Edge, Google Chrome and Mozilla Firefox.
   b. Basic content creation to be performed via browser-based online editor.
   c. Expanded content creation tools available via PC-compatible Content Studio download.
   d. Supports import of images (PNG, BMP, GIF, JPG, PSD) and video files (AVI, MPG, MP4, MOV) in both browser-based and downloadable content utilities.

7. Additional Items:
   a. External Temperature Sensor.
   b. Two Module Package - 8mm spare parts including Two (2) modules and Sata Cables.

3 Execution

3.1 Installation

A. Install in accordance with manufacturer's instructions.

B. Install in the locations and mounting heights indicated in the Contract Documents.

C. Securely mount plumb and square in place.

D. Owner responsibilities:

1. Provide clear and direct access to all scoreboard/equipment locations.

2. Provide necessary surface/floor protection for all equipment locations.

3. Perform necessary brick repairs for Entrance Marquee.

4. Repaint existing scoreboard structures.

E. Scoreboard vendor responsibilities:

1. Provide boxes, cover plates and jacks in locations per plans for control equipment.

2. Provide necessary signal cables for video displays and control equipment to create a functional system.

3. Install radio receiver kits for all fixed digit displays and program channels for proper functionality.

4. Provide and install cellular modem kit for entrance marquee.

5. Install video display control rack(s). Unpack, set up, and test all control equipment.

6. Install wireless access point (WAP) for All Sport Pro to video control rack integration.

7. Terminate all signal cables for scoring/video display(s).

8. Test the operation of the display, controller and all control jacks; leave control unit and other loose items with owner's designated representative.

9. Conduct operator training on the display/controller operation.

10. Manufacturer must supply all required signal conversion hardware to allow for direct wire control of electronic display.

F. Electrical Contractor responsibilities:

1. Provide and install adequate power from nearest electrical source to the base of outdoor scoreboard structures. Existing power can be reused if the circuit(s) match the scoreboard requirements.

   a. Provide and install a properly sized panel board with necessary breakers at base of football scoreboard structure.

2. Connect power from disconnect/panel board at the base of each outdoor structure to equipment.

3. Provide and install electrical circuits per indoor video display specs from nearest electrical closet to video display. Display will require multiple 120V circuits.

4. Provide and install circuit with outlet for all indoor fixed digit scoreboard locations. Existing outlets can be reused where available.

5. Provide and install signal conduit(s) with pull string from video control location(s) to each video display.

6. Pull signal cables from video control location(s) to each video display.

7. Provide signal conduit and pull string from video control rack to wireless access point (WAP) for All Sport Pro connections to video control rack.

G. Installation Contractor responsibilities:

1. Remove and dispose of all existing equipment from current structures or gymnasium walls.

2. Provide and install new structure (foundations, columns, necessary support structure/mounting sub-structure) for JV Baseball and JV Softball scoreboard systems. New structures will be primed and painted. Dispose of foundation spoils in location as directed by Owner.

3. Provide and install necessary sub-structure for Entrance Marquee to comply with matrix display mounting locations.

4. Attach indoor video display mounting brackets to gymnasium wall. Mounting brackets will be provided by the Scoreboard Vendor. Installation Contractor will be responsible for appropriate wall anchors for the indoor scoreboards and video display.

5. Lift and mount all equipment to structures or gymnasium walls in locations detailed and in accordance with manufacturer's instructions. Verify equipment is plumb and level.

6. Clean each installation site/location daily and upon project completion.

3.2 Demonstration And Instruction

A. Upon completion of installations and preliminary testing, notify the Architect that the system is systems are ready for final testing and demonstration. The Architect, at his option, may select a specific time and date suitable to all parties and have a representative in attendance during the entire final testing.

1. Demonstrate all system functions as hereinbefore specified to perform as specified.

2. Test and demonstrate the system systems to equal or exceed the specified system criteria.

B. Provide on-site instruction and training to the Owner's designated representatives in the setup, operation and use of equipment.

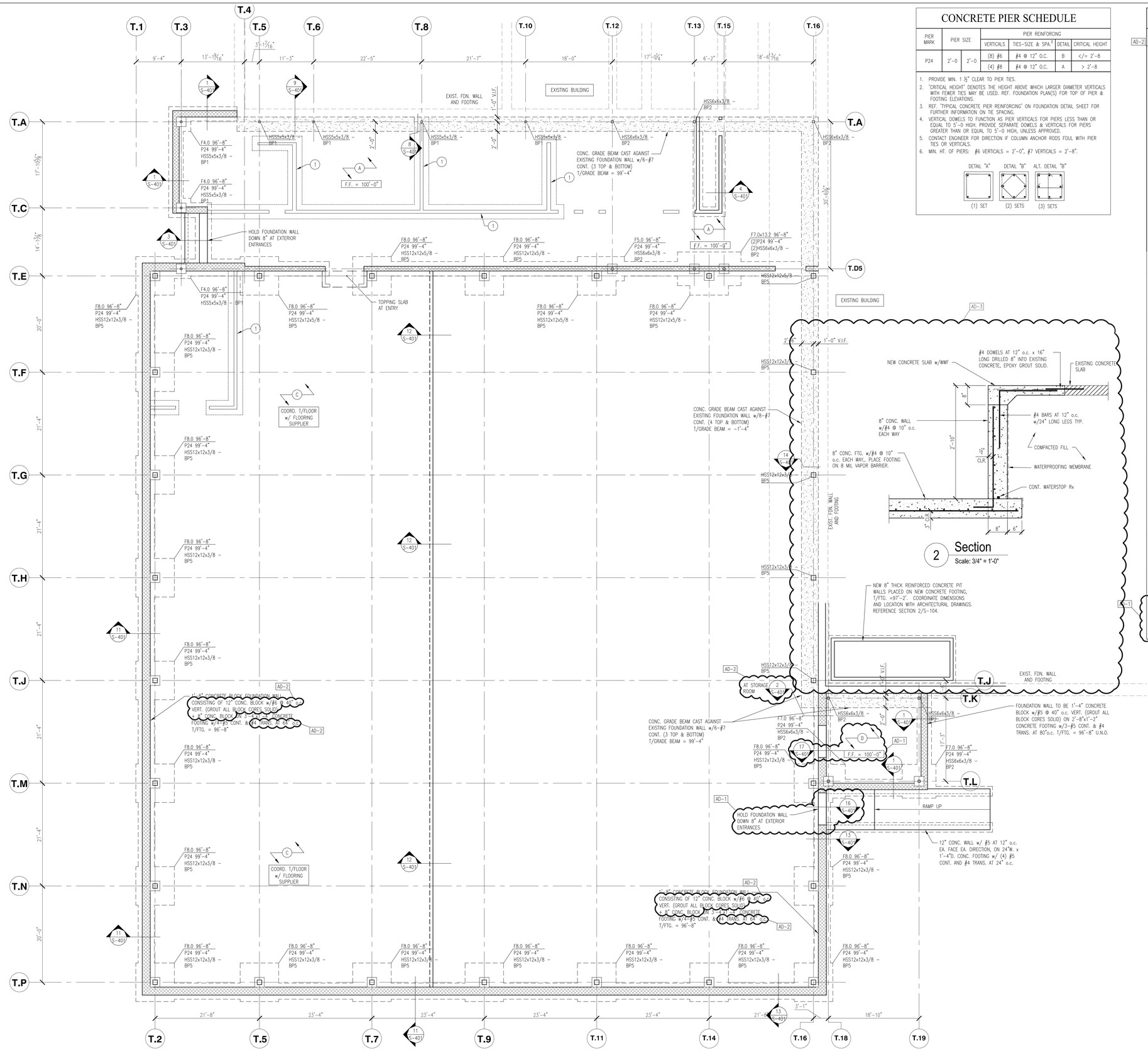
1. All instruction and training is to be given by an equipment source representative.

2. All instruction and training is to be given after completion of the installation.

3. Arrange instruction and training sessions at Owner's convenience.

4. Provide one instruction and training session for each separate system installation.

END OF SECTION



CONCRETE PIER SCHEDULE

PIER MARK	PIER SIZE		PIER REINFORCING			
			VERTICALS	TIES–SIZE & SPA.[3]	DETAIL	CRITICAL HEIGHT
P24	2'–0	2'–0	(8) #6	#4 @ 12" O.C.	B	</= 2'–8
			(4) #8	#4 @ 12" O.C.	A	> 2'–8

1. PROVIDE MIN. 1 ½" CLEAR TO PIER TIES.
2. "CRITICAL HEIGHT" DENOTES THE HEIGHT ABOVE WHICH LARGER DIAMETER VERTICALS WITH FEWER TIES MAY BE USED. REF. FOUNDATION PLAN(S) FOR TOP OF PIER & FOOTING ELEVATIONS.
3. REF. "TYPICAL CONCRETE PIER REINFORCING" ON FOUNDATION DETAIL SHEET FOR FURTHER INFORMATION ON TIE SPACING.
4. VERTICAL DOWELS TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5'–0 HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5'–0 HIGH, UNLESS APPROVED.
5. CONTACT ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.
6. MIN. HT. OF PIERS: #6 VERTICALS = 2'–0", #7 VERTICALS = 2'–8".

DETAIL "A" (1) SET | DETAIL "B" (2) SETS | ALT. DETAIL "B" (3) SETS

FOUNDATION PLAN NOTES

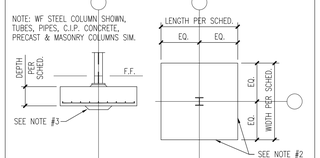
1. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS GREATER THAN 8" WIDE WITHOUT FOOTINGS. REF. 7/S-402 FOR THICKENED SLAB DETAIL. REFER TO ARCH. DWGS. FOR WALL LOCATIONS AND EXTENTS. AT INTERIOR 6" CMU WALLS OR ALL NEW CMU WALLS AT EXIST. CONC. SLAB, REFER TO DETAIL 18/S-401.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 0'–0". REF. SITE/CIVIL DWGS. FOR EXACT U.S.G.S. ELEVATION
5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
6. EARTH–FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (i.e. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING). HOWEVER, THE PLAN DIMENSION OF EARTH–FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH–FORMING (i.e. 2'–0" WIDE WALL FOOTINGS SHALL BE 2'–4" WIDE AND 5'–0" SQUARE COLUMN FOOTINGS SHALL BE 5'–4" SQUARE).
7. PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S–402.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
11. ALL EXISTING FOUNDATIONS ARE SHOWN GRAPHICALLY BASED ON EXISTING DRAWINGS THAT ARE NOT AVAIL. FOR ALL AREAS. FIELD VERIFY FOUNDATION CONDITIONS. IF FOUNDATION CONDITIONS DIFFER FROM WHAT IS SHOWN, INFORM ARCH/EOR OF FINDINGS.
12. PLAN LEGEND:
    - F.F. — DENOTES FINISH FLOOR
    - T/'X' — DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
    - B/'X' — DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
    - C.J. — DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
    - WF30 –20'–0 — DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FOOTING SCHEDULE)
    - DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S3XX
    - DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (REF. FTG. SCHED.)
    - F5.0 –4'–8" / P24 99'–4" — DENOTES PIER MARK & TOP OF PIER ELEVATION (REF. PIER SCHEDULE)
    - HSS6x6x3/8 – BP2 — DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FINS) & BASE PLATE MARK (SEE BASE PL. SCHED.)
    - COLUMN FOOTING, CONCRETE PIER, STEEL COLUMN
    - A — F.F. = SEE PLAN — DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL).
    - B — F.F. = SEE PLAN — DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 2.0 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL). TOP OF SLAB AND CONTROL JOINT REQUIREMENTS TO BE COORDINATED w/ WOOD FLOOR SUPPLIER.
    - C — F.F. = SEE PLAN — DENOTES NEW 5" CONC. SLAB w/ 6x6 W2.1xW2.1 W.W.F. & "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL). TOP OF SLAB AND CONTROL JOINT REQUIREMENTS TO BE COORDINATED w/ "SPORTS FLOOR" SUPPLIER.
    - D — F.F. = SEE PLAN — DENOTES NEW 6" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 2.0 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL).

COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE WIDTH x LENGTH x DEPTH	REINFORCING (EACH WAY)
F4.0	4'–0 4'–0 1'–2	(4) #5 x 3'–6
F5.0	5'–0 5'–0 1'–2	(5) #5 x 4'–6
F6.0	6'–0 6'–0 1'–2	(6) #5 x 5'–6
F7.0	7'–0 7'–0 1'–2	(7) #5 x 6'–6
F8.0	8'–0 8'–0 1'–4	(7) #6 x 7'–6
F9.0	9'–0 9'–0 1'–6	(8) #6 x 8'–6
F10.0	10'–0 10'–0 1'–8	(8) #7 x 9'–6
F11.0	11'–0 11'–0 1'–10	(9) #7 x 10'–6
F12.0	12'–0 12'–0 2'–0	(11) #7 x 11'–6
F13.0	13'–0 13'–0 2'–2	(10) #8 x 12'–6
F14.0	14'–0 14'–0 2'–4	(11) #8 x 13'–6
F15.0	15'–0 15'–0 2'–4	(13) #8 x 14'–6

NOTES:
1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. ALL FOOTINGS MUST BE BOARD–FORMED, UNLESS APPROVED.
3. INCREASE FOOTING DEPTH WHERE REQ'D. TO ENCASE COLUMN ANCHOR RODS

NOTE: WF STEEL COLUMN SHOWN, TUBES, PIPES, C.I.P. CONCRETE, PRECAST & MASONRY COLUMNS SIM.



GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21–111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLOSE — REGISTERED — PE10606154 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1
AD–2	10/29/21	ADDENDUM NO. 2
AD–3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "T", FOUNDATION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET T
S-104

Wednesday, 11/3/2021 – 2:16 PM – LAST SAVED BY:JSHELLEY
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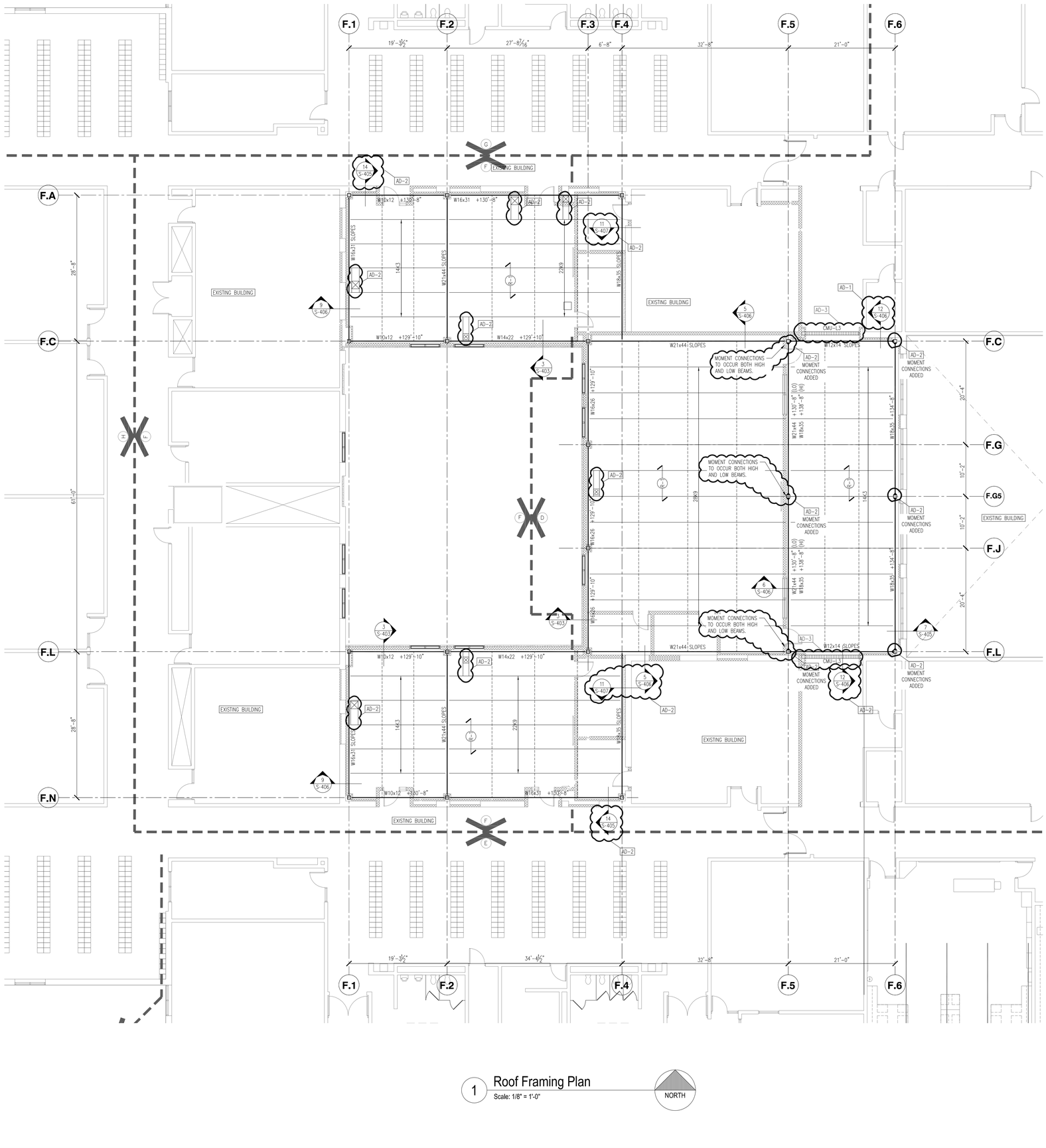

1 Roof Framing Plan
Scale: 1/8" = 1'-0"

NORTH

ROOF FRAMING PLAN NOTES

1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. DENOTES NEW ALUMINUM SUN SHADE. SEE S-411 FOR ALUM. ATTACHMENT DETAILS.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.

PLAN LEGEND:

- R-1 — DENOTES 1 ½", 20 GA. WIDE-RIB METAL ROOF DECK, PRIME PAINTED ONLY.
- A — DENOTES 2", 20 GA. ACOUSTIC DOVETAIL SHAPED ROOF DECK (Versa-Dek 2.0 S-FS Acoustical OR EQUIV.) REFER TO SPEC. SEC. 05300 FOR TREATMENT REQUIREMENTS. AD-3
- AD-2 — DENOTES BEAM-TO-COLUMN MOMENT CONNECTION PER DETAIL 13/S-404
- DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "F", ROOF FRAMING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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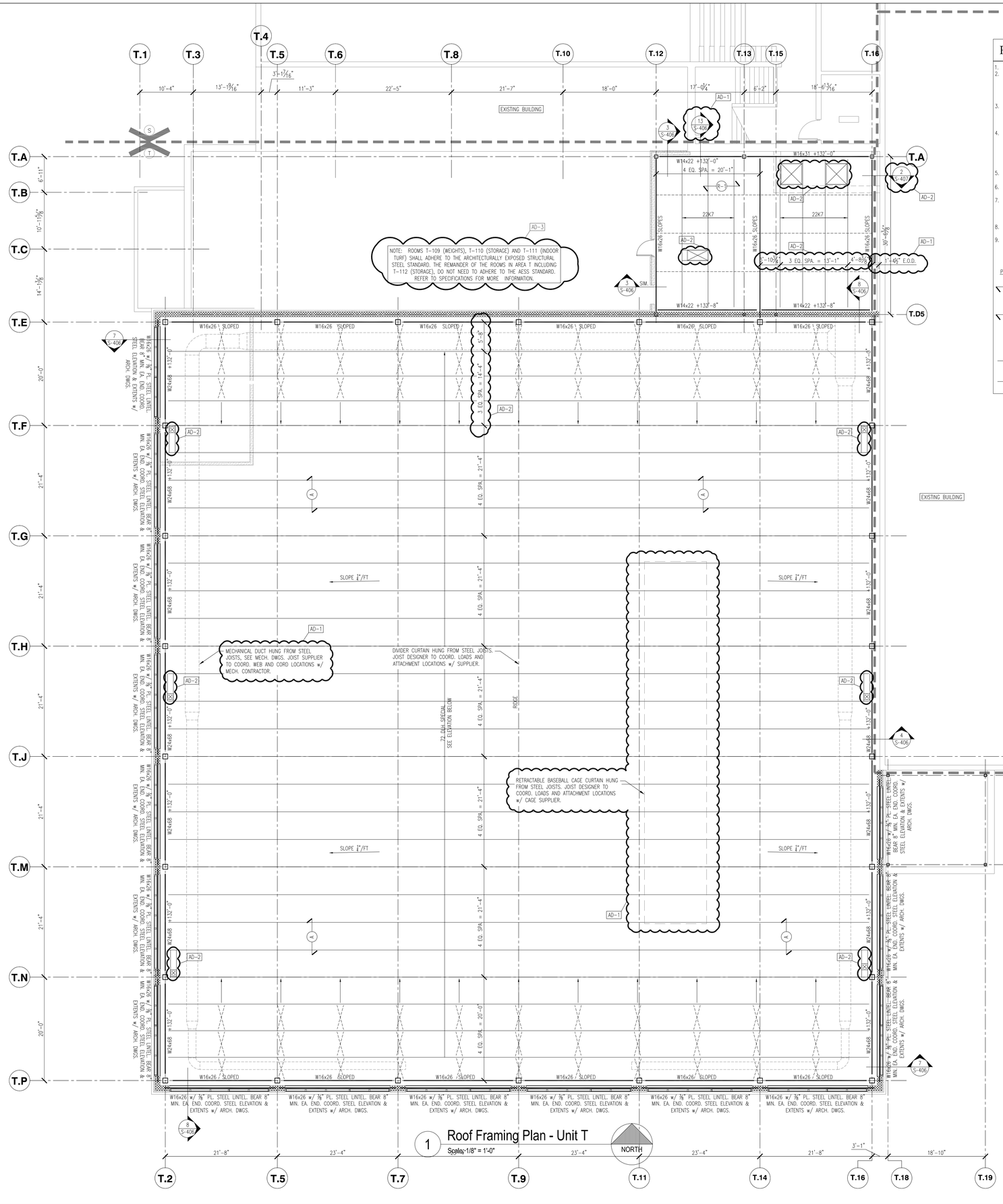
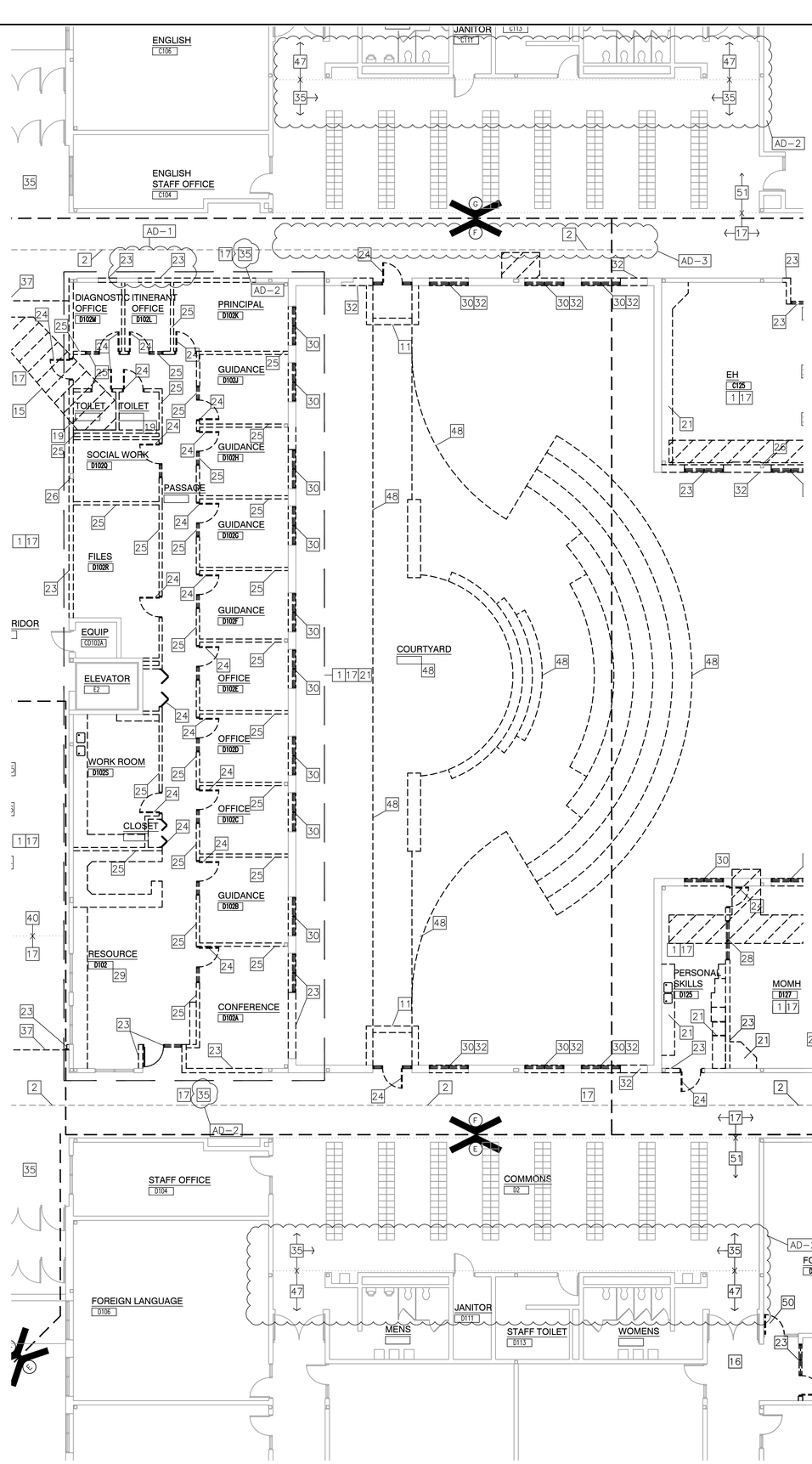
SHEET
F
S-205

Wednesday, 11/3/2021 - 1:56 PM - LAST SAVED BY:WES
F:\2021\21066 CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS\AUTOCAD\S-FP03.DWG


T.1
T.3
T.4
T.5
T.6
T.8
T.10
T.12
T.13
T.15
T.16
10'-4"
13'-19/16"
3'-1/16"
11'-3"
22'-5"
21'-7"
18'-0"
17'-0 1/4"
6'-2"
18'-6 3/16"
EXISTING BUILDING
T.A
T.B
T.C
T.E
T.F
T.G
T.H
T.J
T.M
T.N
T.P
T.D5
6'-11"
10'-1 5/8"
14'-1 5/8"
20'-0"
21'-4"
W16x26 SLOPED
W24x68 +132'-0"
W14x22 +132'-0"
W16x31 +132'-0"
4 EQ. SPA. = 20'-1"
3 EQ. SPA. = 14'-4"
4 EQ. SPA. = 21'-4"
3 EQ. SPA. = 13'-1"
22K7
W16x26 SLOPES
30'-0 5/8"
4'-8 5/8"
1'-4 5/8" E.O.D.
5'-5"
5'-10 1/8"
AD-1
AD-2
AD-3
NOTE: ROOMS T-109 (WEIGHTS), T-110 (STORAGE) AND T-111 (INDOOR TURF) SHALL ADHERE TO THE ARCHITECTURALLY EXPOSED STRUCTURAL STEEL STANDARD. THE REMAINDER OF THE ROOMS IN AREA 1 INCLUDING T-112 (STORAGE), DO NOT NEED TO ADHERE TO THE AESS STANDARD. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
SIM.
SLOPE 1/4"/FT
MECHANICAL DUCT HUNG FROM STEEL JOISTS, SEE MECH. DWGS. JOIST SUPPLIER TO COORD. WEB AND CORD LOCATIONS w/ MECH. CONTRACTOR.
DIVIDER CURTAIN HUNG FROM STEEL JOISTS. JOIST DESIGNER TO COORD. LOADS AND ATTACHMENT LOCATIONS w/ SUPPLIER.
72" DIA. SPECIAL SEE ELEVATION BELOW
RETRACTABLE BASEBALL CAGE CURTAIN HUNG FROM STEEL JOISTS. JOIST DESIGNER TO COORD. LOADS AND ATTACHMENT LOCATIONS w/ CAGE SUPPLIER.
W16x26 w/ 3/4" PL. STEEL LINTEL BEAR 8" MIN. EA. END. COORD. STEEL ELEVATION & EXTENTS w/ ARCH. DWGS



1 AD-106

UNIT "F" FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
B. UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
C. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.
D. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
E. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
F. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
G. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
H. REMOVE ALL EXISTING IN-GROUND AND WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.
I. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN CONSTRUCTION TO BE DEMOLISHED.
J. WHERE EXISTING TERRAZZO AND TILE FLOORS ARE DEMOLISHED, SELECTIVELY DEMOLISHED, OR MODIFIED FOR NEW CONSTRUCTION; THE SURFACE SHALL BE PREPARED TO RECEIVE NEW FINISHES LEVEL AT THE EXISTING HEIGHT OF ALL FLOOR FINISHES AND FLOOR TRANSITIS. CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR SMOOTH, EVEN, STRUCTURALLY STABLE SURFACES.
K. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1 REMOVE ACOUSTICAL CEILING SYSTEM COMPLETE.
2 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW FIRE PROTECTION MAINS AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION AND HYDRONIC ROUTING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING (AD-2)
3 CAREFULLY DEMOLISH EXISTING CANOPY STRUCTURE COMPLETE (ROOF TO FOOTINGS). PROTECT EXISTING BUILDING STRUCTURE.
4 REMOVE EXISTING ROOFING, METAL DECK, AND JOISTS. REFER TO STRUCTURAL FOR EXTENT OF STRUCTURAL STEEL DEMOLITION.
5 REMOVE MISCELLANEOUS METALS & EQUIPMENT ABOVE CEILING CONSTRUCTION. EXISTING BUILDING STRUCTURE ABOVE CEILING TO REMAIN.
6 THRU 10 NOT USED.
11 DEMOLISH EXISTING WALK/ STOOP COMPLETE.
12 DEMOLISH EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS.
13 DEMOLISH EXISTING FENCING COMPLETE.
14 DEMOLISH EXISTING SUSPENDED WOOD STRUCTURE COMPLETE. REPAIR GYP BOARD WALL AND ACOUSTIC CEILING FINISHES.
15 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
16 EXISTING FLOOR SLAB TO REMAIN. PROTECT EXISTING SLAB AND ASSOCIATED CONSTRUCTION AROUND REMOVED FLOOR SLAB OF NOTE 15.
17 REMOVE EXISTING FLOOR FINISHES AND ADHESIVE COMPLETE TO ACCOMMODATE NEW FINISHES.
18 DEMOLISH EXISTING CERAMIC/QUARRY FLOOR TILE BASE COMPLETE. PATCH WALLS TO REMAIN. PREPARE TO RECEIVE NEW CONSTRUCTION.
19 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
20 REMOVE EXISTING LOCKERS AND BASE. PREPARE FLOOR UNDER BASE FOR EXTENSION OF FLOOR FINISH. 2ND FLOOR ONLY (AD-2)
21 REMOVE CASEWORK AND WALL MOUNTED BOARDS / DEVICES COMPLETE. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
22 SALVAGE EXISTING CASEWORK. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED FOR NEW FINISHES DUE TO CASEWORK REMOVAL.
23 REMOVE MASONRY WALL, DOOR, AND WINDOWS, AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND ADJACENT WALLS WHERE WALL IS DEMOLISHED AND AS REQUIRED TO ACCEPT NEW FINISHES.
24 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE. VERIFY WITH OWNER ANY DOOR HARDWARE THAT MAY BE DESIRED PRIOR TO REMOVAL.
25 REMOVE METAL STUD/GYPSUM BOARD WALL/BULKHEAD, DOORS AND WINDOWS, COMPLETE. PATCH AND REPAIR REMAINING WALL AS REQUIRED FOR NEW FINISHES.
26 EXISTING STEEL COLUMN TO REMAIN. IF COLUMN IS TO BE LEFT EXPOSED, CONTRACTOR IS TO REMOVE ALL ANCHORS AND MORTAR/GYPSUM BOARD COMPLETE, ALONG WITH ANY BURRS OR IMPERFECTIONS ON FACE OF COLUMNS AND PREPARE FOR NEW FINISH.
27 REMOVE MECHANICAL EQUIPMENT COMPLETE.
28 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE.
29 REMOVE RECEPTION DESK COMPLETE.
30 REMOVE WINDOW SYSTEM COMPLETE, INCLUDING STONE SILL AND INTERIOR STOOL TO FIRST FULL MASONRY JOINT BELOW WINDOW. PREPARE OPENING AS REQUIRED FOR NEW CONSTRUCTION.
31 CAREFULLY DEMOLISH EXISTING BUILDING STRUCTURE AND PROTECT EXISTING BRICK MASONRY AND BUILDING STRUCTURE TO REMAIN.
32 DEMOLISH EXISTING EXTERIOR WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL PLAN AND SECTION SHEETS. PROTECT EXISTING ADJACENT CONSTRUCTION AND BUILDING STRUCTURE TO REMAIN.
33 PROTECT EXISTING LOAD-BEARING WALLS TO REMAIN.
34 DEMOLISH EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION AND TO 8" BELOW FLOOR LINE. PATCH CONCRETE FLOOR AS REQUIRE FOR NEW FINISH.
35 REMOVE EXISTING ACOUSTIC CEILING TILE PADS. CLEAN CEILING GRID.
36 REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION REGARDING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING (AD-2)
37 DEMOLISH EXISTING ROLLING GRILLE COMPLETE
38 BUSH HAMMER EXISTING DAMAGED FLOOR SLAB. PREP TO TO RECEIVE NEW FLOOR LEVELER.
39 REMOVE EXISTING SPORT FLOOR. GRIND AND SAND FLOOR IN PREPARATION FOR NEW SPORT FLOORING.
40 PREPARE EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW FINISHES AND TO ACHIEVE A SMOOTH TRANSITION BETWEEN FINISHES.
41 REMOVE METAL COPING. REMOVE UPPER FACE BRICK AS REQUIRED (AD-3)
42 REMOVE MIRRORS IN THEIR ENTIRETY. REPAIR WALL AS REQUIRED FOR NEW FINISHES.
43 REMOVE SHELVING COMPLETE. IF WALLS ARE TO REMAIN – REPAIR WALL AS REQUIRED FOR NEW FINISHES.
44 REMOVE EXISTING EIFS DOWN TO CMU WALL.
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46 EXISTING TWO STORY CEILING TO REMAIN
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50 REMOVE EXISTING DOOR AND DOOR HARDWARE COMPLETE – STORE DOOR FOR REFINISHING AND NEW HARDWARE. REINSTALL DOOR ONCE COMPLETE.
51 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
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53 EXISTING MAT HOIST TO REMAIN
54 EXISTING TENNIS/ VOLLEYBALL/ BADMINTON FLOOR SLEEVES TO REMAIN
55 EXISTING ROLL-FOLD DIVIDER CURTAIN TO REMAIN

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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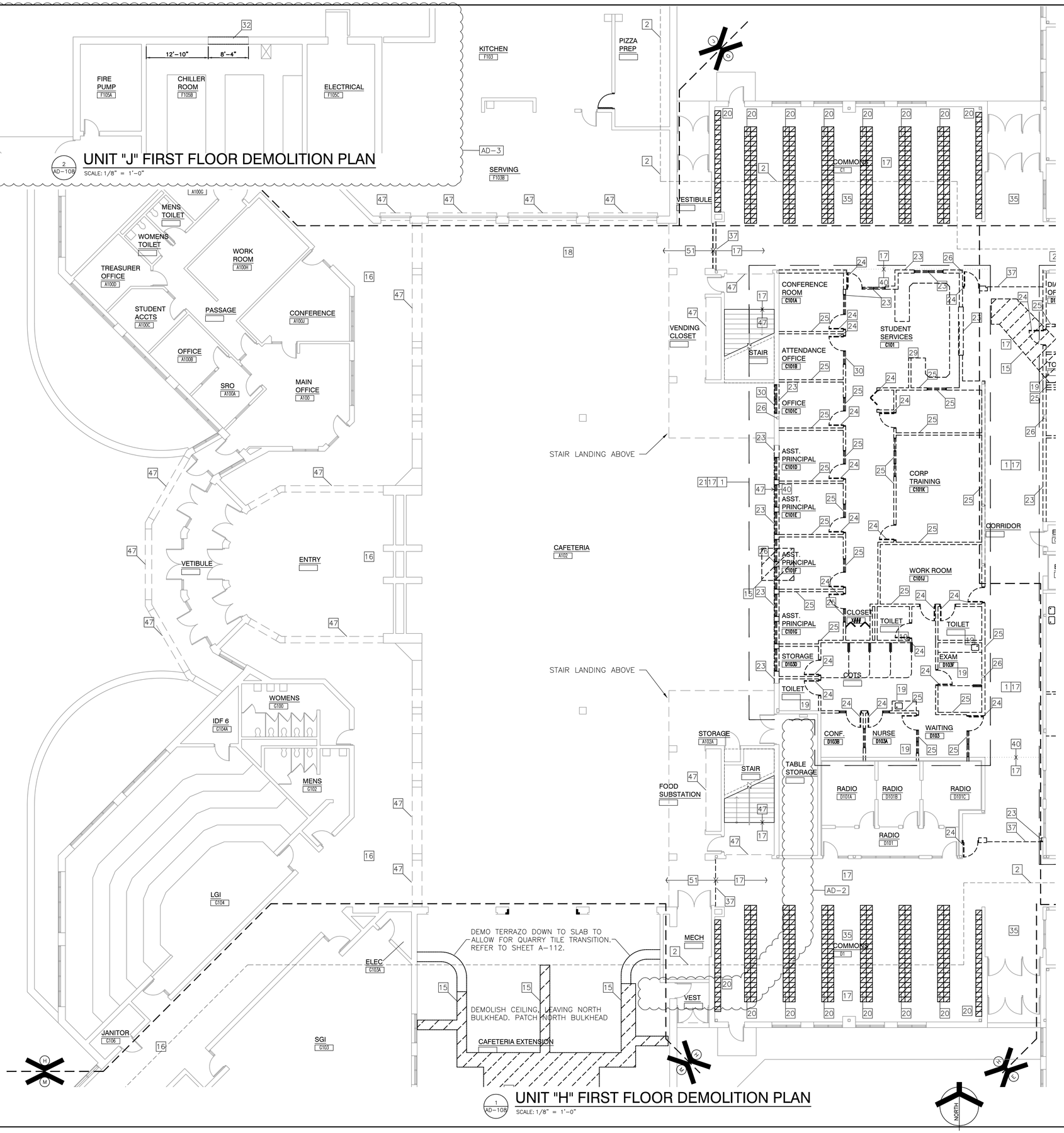
SHEET F AD-106

Thursday, 11/4/2021 - 4:23 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-106.DWG



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GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED ARCHITECT NO. 11600109 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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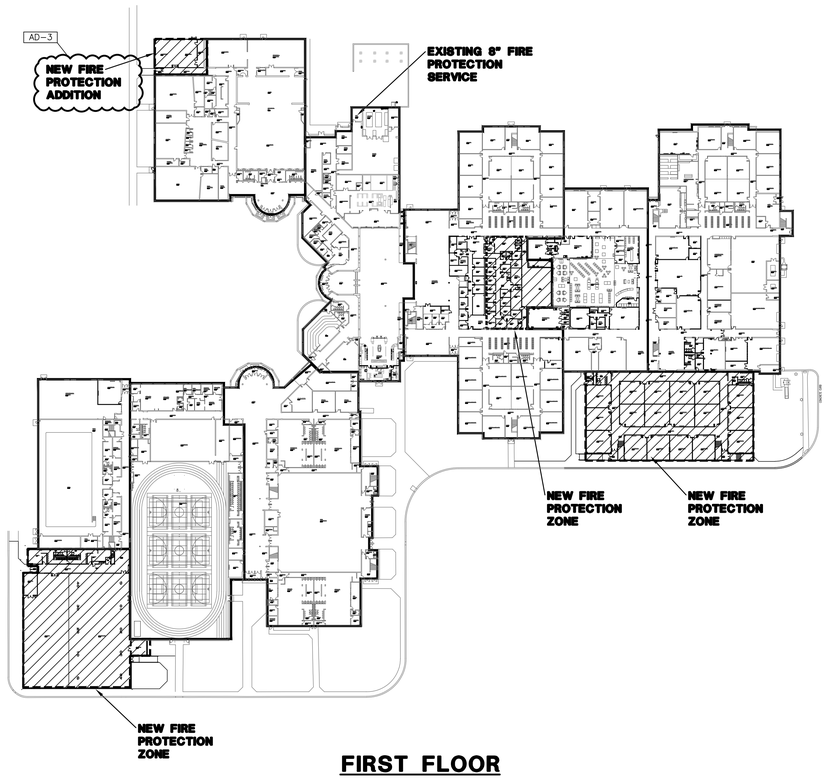
H

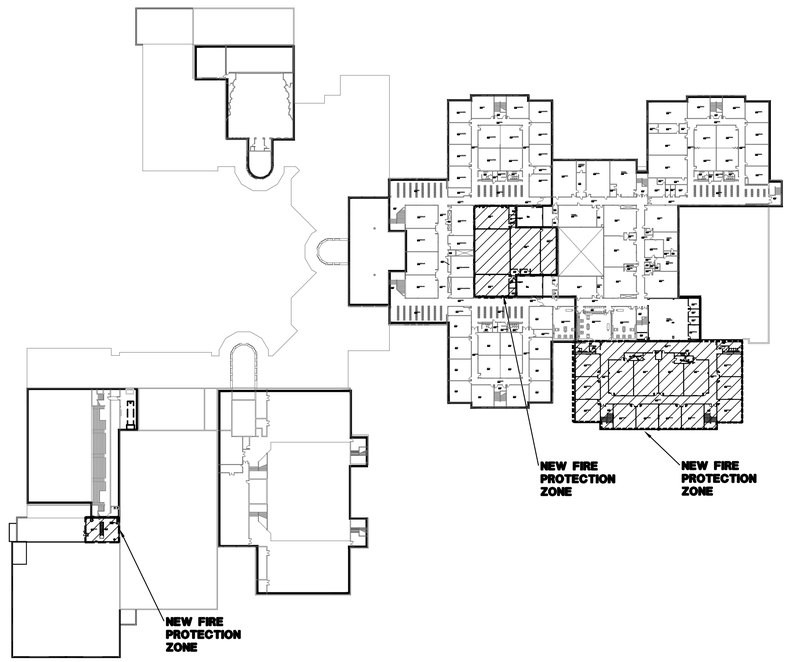
SHEET
AD-108

Tuesday, 11/2/2021 - 9:33 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-108.DWG

FIRE PROTECTION ZONE PLAN



FIRST FLOOR



SECOND FLOOR

GENERAL NOTES

A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, STATE FIRE PROTECTION CODES, THE LATEST NFPA 13 REQUIREMENTS.

B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER - REFER TO THE SCOPE OF WORK FOR EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGERS SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.

C. THE NEW/EXISTING PORTIONS OF BUILDING HAS MULTIPLE OCCUPANCY CLASSIFICATIONS AND THE SPRINKLER SYSTEM SHALL BE DESIGNED FOR EACH CLASSIFICATION ACCORDING TO NFPA REQUIREMENTS. FOR PORTIONS OF THE FACILITY WITH AREAS OF DIFFERENT CLASSIFICATIONS THAT ARE NOT PHYSICALLY SEPARATED BY A BARRIER OR PARTITION, THE REQUIRED SPRINKLER PROTECTION FOR THE MORE DEMANDING AREA SHALL EXTEND 15'-0" BEYOND ITS PERIMETER.

1. GENERAL AREAS ARE LIGHT HAZARD, 0.10 GPM/SQFT. FOR THE MOST REMOTE 1500 SQFT.
2. KITCHEN AREA IS ORDINARY HAZARD (GROUP 1), 0.15 GPM SQFT. FOR THE MOST REMOTE 1500 SQFT.

D. LAYOUT IS DIAGRAMMATIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.

E. VERIFY IF EXISTING ASBESTOS WILL BE ENCOUNTERED PRIOR TO STARTING ANY WORK. IF ASBESTOS IS PRESENT, THE OWNER WILL PROVIDE FOR THE REMOVAL OF ANY MATERIAL CONTAINING ASBESTOS. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

F. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.

G. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT TIMES. REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING SYSTEMS.

H. FIRE PROTECTION PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HVAC DUCTWORK, HVAC PIPING, PLUMBING PIPING AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.

I. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR HVAC DIFFUSER LAYOUT AND ELECTRICAL SPECIALTY DEVICES IN CONJUCTION WITH ELECTRICAL LIGHTING, SPRINKLER HEAD LAYOUT, AND CEILING GRID SYSTEM.

J. VISIT SITE PRIOR TO BIDDING TO DETERMINE FIELD CONDITIONS. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC., SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW FIRE PROTECTION SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED.

K. EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY AS AN AID TO THE CONTRACTOR. PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE REPORTED IN WRITTEN FORM FOR REVIEW AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.

L. HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. FAILURE TO DO SO SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.

M. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC., SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW FIRE PROTECTION SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED.

N. PROVIDE CUTTING, CORE DRILLING AND PATCHING OF EXISTING FLOOR AND WALL CONSTRUCTIONS REQUIRED FOR THE INSTALLATION OF NEW PIPING. SEAL PENETRATIONS THROUGH FLOOR, WALL AND ROOF STRUCTURE WATERTIGHT AND WITH AN APPROVED FIRE STOPPING MATERIAL, INCLUDING APPROVED FIRE RATED SLEEVE.

O. REMOVE EXISTING SPRINKLER HEADS AND ASSOCIATED BRANCH SPRINKLER PIPING COMPLETE AS REQUIRED. EXTEND AND MODIFY EXISTING PIPING AS REQUIRED FOR NEW SPRINKLER HEAD LAYOUT.

P. REMOVED PIPING IS TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. CAP PIPING WATERTIGHT. PROVIDE ADDITIONAL PIPING AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS. NO EQUIPMENT, PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED IN FIELD.

Q. REMOVE EXISTING CEILINGS AND LIGHT FIXTURES REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING AND LIGHT FIXTURES UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.

R. SPRINKLER HEADS IN FINISHED CEILING SPACES SHALL BE CONCEALED TYPE. SPRINKLER HEADS IN UNFINISHED SPACES SHALL BE PENDENT, UPRIGHT, OR SIDEWALL TYPE.

S. SPRINKLER HEADS LOCATED IN SUSPENDED LAY-IN CEILING SYSTEMS SHALL BE CENTERED IN EACH RESPECTIVE TILE. PROVIDE 6' SWINGS TO PLACE THE SPRINKLER IN THE CENTER OF THE TILE.

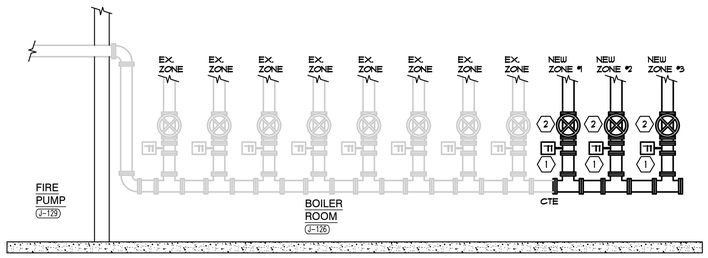
T. PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI OVER THE MAXIMUM OPERATING PRESSURE, WHICHEVER IS GREATER, FOR A PERIOD OF TWO HOURS.

U. WET SYSTEM PIPING SHALL BE INSTALLED LEVEL, TO DRAIN BACK TO THE SYSTEM RISER. TRAPPED SECTIONS OF PIPING SHALL HAVE AUXILLIARY DRAIN CONNECTIONS IN ACCORDANCE WITH LATEST NFPA #13.

V. PROVIDE EXTENDED COVERAGE HEADS IN CORRIDORS WIDER THAN 15'-0".

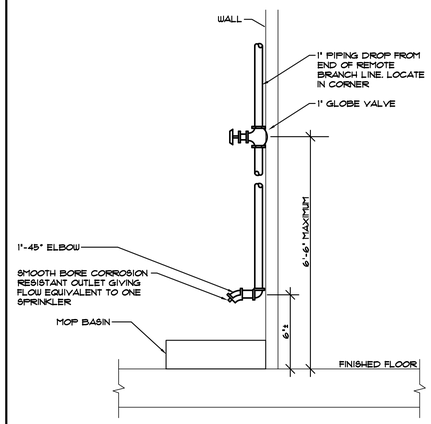
FIRE PROTECTION SERVICE DIAGRAM

NTS



INSPECTOR'S TEST PIPE DETAIL

NTS



SYMBOL LIST

- CONCEALED TYPE SPRINKLER HEAD WITH WHITE COVER PLATE
- EXPOSED UPRIGHT OR PENDANT TYPE SPRINKLER HEAD
- EXPOSED UPRIGHT OR PENDANT TYPE SPRINKLER HEAD W/ WIRE GUARD
- SIDEWALL TYPE SPRINKLER HEAD
- —FP— FIRE PROTECTION PIPING

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MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
FIRE PROTECTION SCHEDULES, NOTES AND DIAGRAMS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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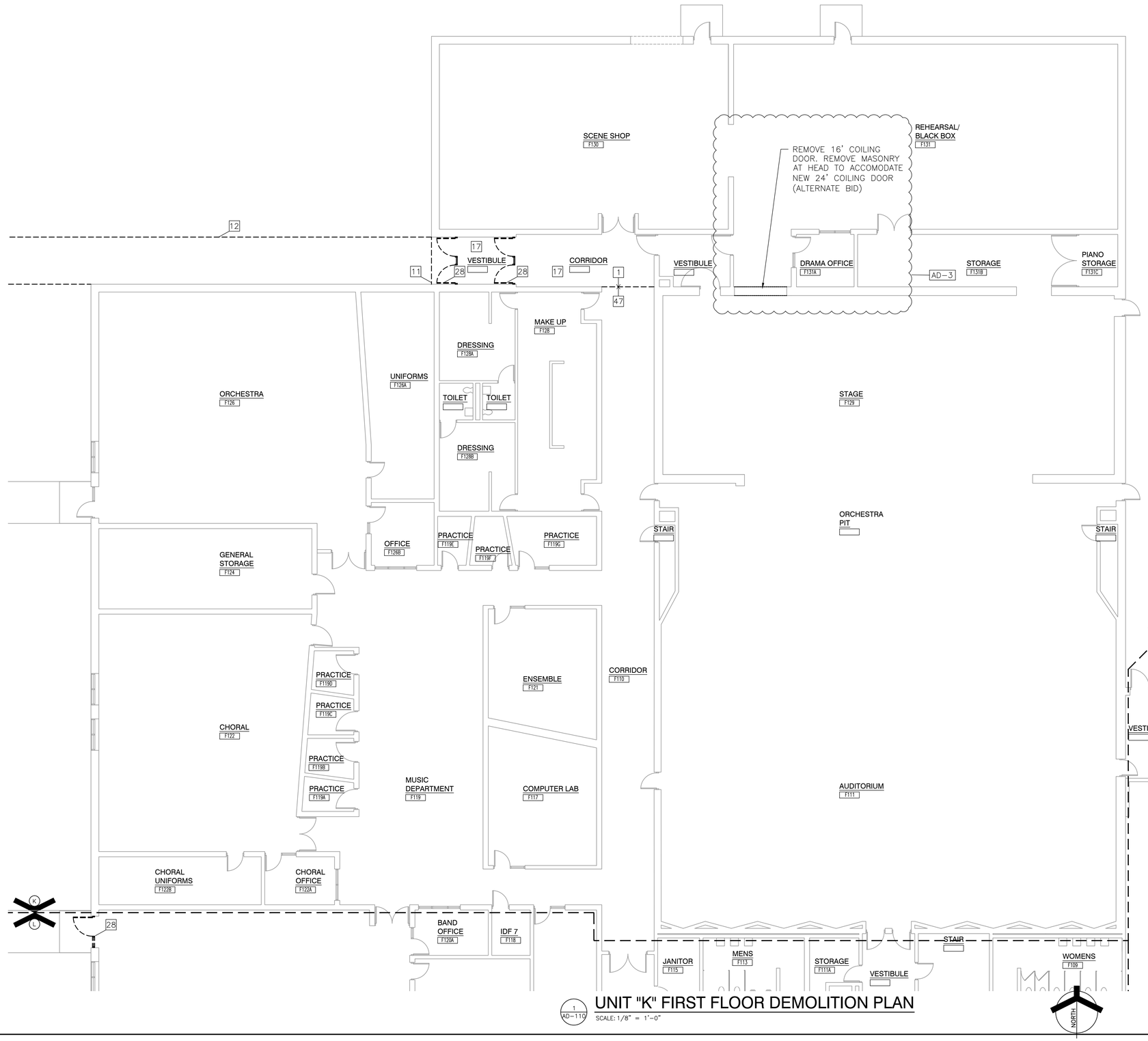

1 AD-110

UNIT "K" FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
B. UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
C. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.
D. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
E. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
F. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
G. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
H. REMOVE ALL EXISTING IN-GROUND AND WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.
I. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN CONSTRUCTION TO BE DEMOLISHED.
J. WHERE EXISTING TERRAZZO AND TILE FLOORS ARE DEMOLISHED, SELECTIVELY DEMOLISHED, OR MODIFIED FOR NEW CONSTRUCTION; THE SURFACE SHALL BE PREPARED TO RECEIVE NEW FINISHES LEVEL AT THE EXISTING HEIGHT OF ALL FLOOR FINISHES AND FLOOR TRANSITIONS. CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR SMOOTH, EVEN, STRUCTURALLY STABLE SURFACES.
K. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1 REMOVE ACOUSTICAL CEILING SYSTEM COMPLETE.
2 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW FIRE PROTECTION MAINS AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION AND HYDRONIC ROUTING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING (AD-2)
3 CAREFULLY DEMOLISH EXISTING CANOPY STRUCTURE COMPLETE (ROOF TO FOOTINGS). PROTECT EXISTING BUILDING STRUCTURE.
4 REMOVE EXISTING ROOFING, METAL DECK, AND JOISTS. REFER TO STRUCTURAL FOR EXTENT OF STRUCTURAL STEEL DEMOLITION.
5 REMOVE MISCELLANEOUS METALS & EQUIPMENT ABOVE CEILING CONSTRUCTION. EXISTING BUILDING STRUCTURE ABOVE CEILING TO REMAIN.
6 THRU 10 NOT USED.
11 DEMOLISH EXISTING WALK/ STOOP COMPLETE.
12 DEMOLISH EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS.
13 DEMOLISH EXISTING FENCING COMPLETE.
14 DEMOLISH EXISTING SUSPENDED WOOD STRUCTURE COMPLETE. REPAIR GYP BOARD WALL AND ACOUSTIC CEILING FINISHES.
15 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
16 EXISTING FLOOR SLAB TO REMAIN. PROTECT EXISTING SLAB AND ASSOCIATED CONSTRUCTION AROUND REMOVED FLOOR SLAB OF NOTE 15.
17 REMOVE EXISTING FLOOR FINISHES AND ADHESIVE COMPLETE TO ACCOMMODATE NEW FINISHES.
18 DEMOLISH EXISTING CERAMIC/QUARRY FLOOR TILE BASE COMPLETE. PATCH WALLS TO REMAIN. PREPARE TO RECEIVE NEW CONSTRUCTION.
19 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
20 REMOVE EXISTING LOCKERS AND BASE. PREPARE FLOOR UNDER BASE FOR EXTENSION OF FLOOR FINISH. 2ND FLOOR ONLY (AD-2)
21 REMOVE CASEWORK AND WALL MOUNTED BOARDS / DEVICES COMPLETE. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
22 SALVAGE EXISTING CASEWORK. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED FOR NEW FINISHES DUE TO CASEWORK REMOVAL.
23 REMOVE MASONRY WALL, DOOR, AND WINDOWS, AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND ADJACENT WALLS WHERE WALL IS DEMOLISHED AND AS REQUIRED TO ACCEPT NEW FINISHES.
24 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE. VERIFY WITH OWNER ANY DOOR HARDWARE THAT MAY BE DESIRED PRIOR TO REMOVAL.
25 REMOVE METAL STUD/GYPSUM BOARD WALL/BULKHEAD, DOORS AND WINDOWS, COMPLETE. PATCH AND REPAIR REMAINING WALL AS REQUIRED FOR NEW FINISHES.
26 EXISTING STEEL COLUMN TO REMAIN. IF COLUMN IS TO BE LEFT EXPOSED, CONTRACTOR IS TO REMOVE ALL ANCHORS AND MORTAR/GYPSUM BOARD COMPLETE, ALONG WITH ANY BURRS OR IMPERFECTIONS ON FACE OF COLUMNS AND PREPARE FOR NEW FINISH.
27 REMOVE MECHANICAL EQUIPMENT COMPLETE.
28 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE.
29 REMOVE RECEPTION DESK COMPLETE.
30 REMOVE WINDOW SYSTEM COMPLETE, INCLUDING STONE SILL AND INTERIOR STOOL TO FIRST FULL MASONRY JOINT BELOW WINDOW. PREPARE OPENING AS REQUIRED FOR NEW CONSTRUCTION.
31 CAREFULLY DEMOLISH EXISTING BUILDING STRUCTURE AND PROTECT EXISTING BRICK MASONRY AND BUILDING STRUCTURE TO REMAIN.
32 DEMOLISH EXISTING EXTERIOR WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL PLAN AND SECTION SHEETS. PROTECT EXISTING ADJACENT CONSTRUCTION AND BUILDING STRUCTURE TO REMAIN.
33 PROTECT EXISTING LOAD-BEARING WALLS TO REMAIN.
34 DEMOLISH EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION AND TO 8" BELOW FLOOR LINE. PATCH CONCRETE FLOOR AS REQUIRE FOR NEW FINISH.
35 REMOVE EXISTING ACOUSTIC CEILING TILE PADS. CLEAN CEILING GRID.
36 REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION REGARDING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING (AD-2)
37 DEMOLISH EXISTING ROLLING GRILLE COMPLETE
38 BUSH HAMMER EXISTING DAMAGED FLOOR SLAB. PREP TO TO RECEIVE NEW FLOOR LEVELER.
39 REMOVE EXISTING SPORT FLOOR. SHOT BLAST FLOOR IN PREPARATION FOR NEW SPORT FLOORING.
40 PREPARE EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW FINISHES AND TO ACHIEVE A SMOOTH TRANSITION BETWEEN FINISHES.
41 REMOVE METAL COPING. REMOVE UPPER FACE BRICK AS REQUIRED.
42 REMOVE MIRRORS IN THEIR ENTIRETY. REPAIR WALL AS REQUIRED FOR NEW FINISHES.
43 REMOVE SHELVING COMPLETE. IF WALLS ARE TO REMAIN – REPAIR WALL AS REQUIRED FOR NEW FINISHES.
44 REMOVE EXISTING EIFS DOWN TO CMU WALL.
45 REMOVE EXISTING CARPET
46 EXISTING TWO STORY CEILING TO REMAIN
47 EXISTING CONSTRUCTION TO REMAIN.
48 REMOVE EXISTING COURTYARD CONCRETE PAVING, STEPS, AND SEATING PREPARE FOR NEW CONSTRUCTION.
49 REMOVE ROOF STRUCTURE AND FRAMING
50 REMOVE EXISTING DOOR AND DOOR HARDWARE COMPLETE – STORE DOOR FOR REFINISHING AND NEW HARDWARE. REINSTALL DOOR ONCE COMPLETE.
51 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
52 EXISTING CEILING HUNG BATTING CAGES AND BACKBOARDS TO REMAIN
53 EXISTING MAT HOIST TO REMAIN
54 EXISTING TENNIS/ VOLLEYBALL/ BADMINTON FLOOR SLEEVES TO REMAIN
55 EXISTING ROLL-FOLD DIVIDER CURTAIN TO REMAIN

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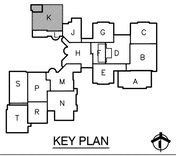
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "K" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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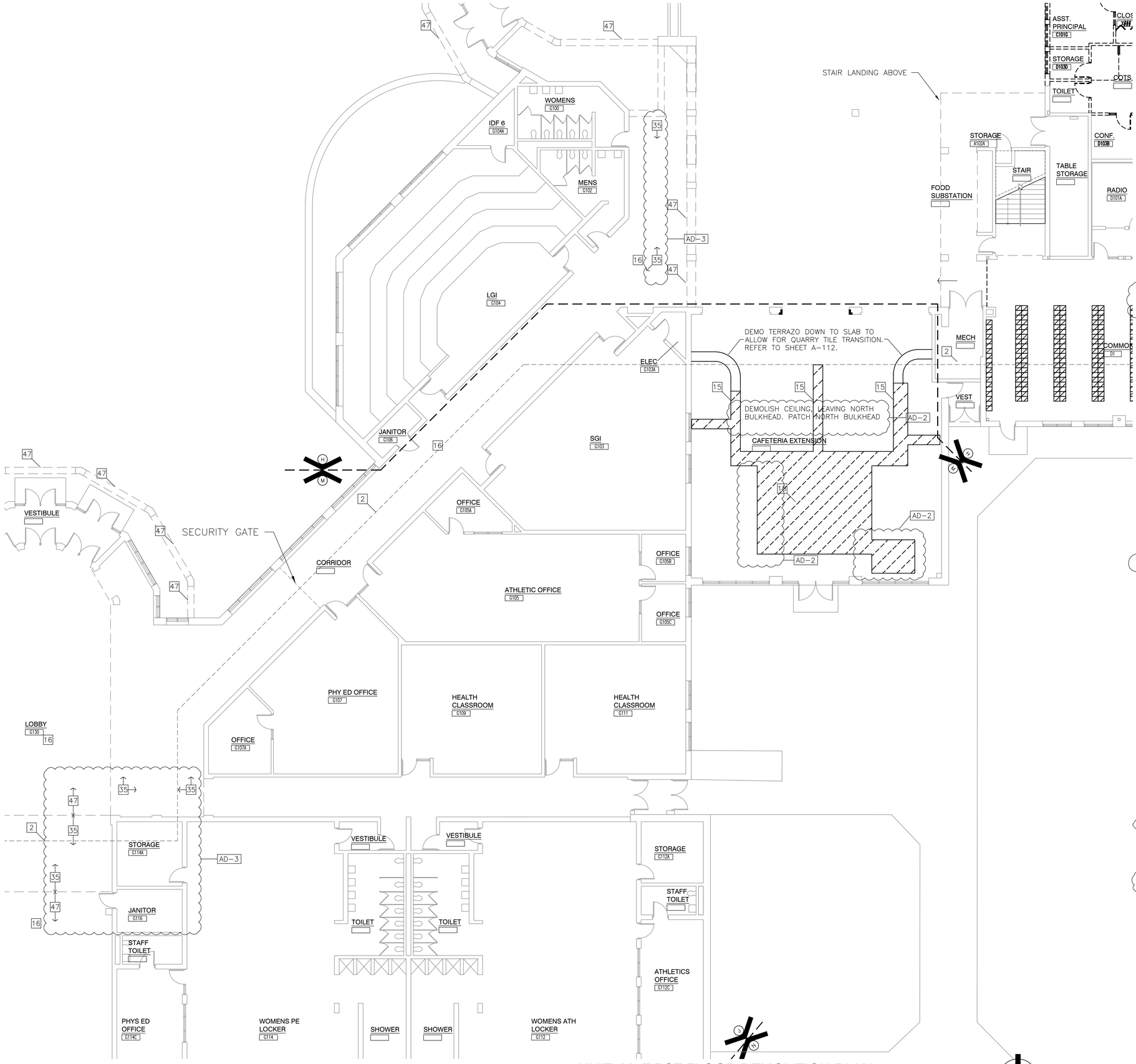
SHEET
K
AD-110

Tuesday, 11/2/2021 - 9:33 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-110.DWG



UNIT "M" FIRST FLOOR DEMOLITION PLAN

1 / AD-112

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
B. UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
C. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.
D. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
E. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
F. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
G. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
H. REMOVE ALL EXISTING IN-GROUND AND WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.
I. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN CONSTRUCTION TO BE DEMOLISHED.
J. WHERE EXISTING TERRAZZO AND TILE FLOORS ARE DEMOLISHED, SELECTIVELY DEMOLISHED, OR MODIFIED FOR NEW CONSTRUCTION; THE SURFACE SHALL BE PREPARED TO RECEIVE NEW FINISHES LEVEL AT THE EXISTING HEIGHT OF ALL FLOOR FINISHES AND FLOOR TRANSITIONS. CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR SMOOTH, EVEN, STRUCTURALLY STABLE SURFACES.
K. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1 REMOVE ACOUSTICAL CEILING SYSTEM COMPLETE.
2 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW FIRE PROTECTION MAINS AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION AND HYDRONIC ROUTING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING
3 CAREFULLY DEMOLISH EXISTING CANOPY STRUCTURE COMPLETE (ROOF TO FOOTINGS). PROTECT EXISTING BUILDING STRUCTURE.
4 REMOVE EXISTING ROOFING, METAL DECK, AND JOISTS. REFER TO STRUCTURAL FOR EXTENT OF STRUCTURAL STEEL DEMOLITION.
5 REMOVE MISCELLANEOUS METALS & EQUIPMENT ABOVE CEILING CONSTRUCTION. EXISTING BUILDING STRUCTURE ABOVE CEILING TO REMAIN.
6 THRU 10 NOT USED.
11 DEMOLISH EXISTING WALK/ STOOP COMPLETE.
12 DEMOLISH EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS.
13 DEMOLISH EXISTING FENCING COMPLETE.
14 DEMOLISH EXISTING SUSPENDED WOOD STRUCTURE COMPLETE. REPAIR GYP BOARD WALL AND ACOUSTIC CEILING FINISHES.
15 APPROXIMATE LOCATION OF SLAB DEMOLITION - VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION - REFER TO PLUMBING/STRUCTURAL PLANS.
16 EXISTING FLOOR SLAB TO REMAIN. PROTECT EXISTING SLAB AND ASSOCIATED CONSTRUCTION AROUND REMOVED FLOOR SLAB OF NOTE 15.
17 REMOVE EXISTING FLOOR FINISHES AND ADHESIVE COMPLETE TO ACCOMMODATE NEW FINISHES.
18 DEMOLISH EXISTING CERAMIC/QUARRY FLOOR TILE BASE COMPLETE. PATCH WALLS TO REMAIN. PREPARE TO RECEIVE NEW CONSTRUCTION.
19 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
20 REMOVE EXISTING LOCKERS AND BASE. PREPARE FLOOR UNDER BASE FOR EXTENSION OF FLOOR FINISH. 2ND FLOOR ONLY
21 REMOVE CASEWORK AND WALL MOUNTED BOARDS / DEVICES COMPLETE. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
22 SALVAGE EXISTING CASEWORK. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED FOR NEW FINISHES DUE TO CASEWORK REMOVAL.
23 REMOVE MASONRY WALL, DOOR, AND WINDOWS, AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND ADJACENT WALLS WHERE WALL IS DEMOLISHED AND AS REQUIRED TO ACCEPT NEW FINISHES.
24 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE. VERIFY WITH OWNER ANY DOOR HARDWARE THAT MAY BE DESIRED PRIOR TO REMOVAL.
25 REMOVE METAL STUD/GYPSUM BOARD WALL/BULKHEAD, DOORS AND WINDOWS, COMPLETE. PATCH AND REPAIR REMAINING WALL AS REQUIRED FOR NEW FINISHES.
26 EXISTING STEEL COLUMN TO REMAIN. IF COLUMN IS TO BE LEFT EXPOSED, CONTRACTOR IS TO REMOVE ALL ANCHORS AND MORTAR/GYPSUM BOARD COMPLETE, ALONG WITH ANY BURRS OR IMPERFECTIONS ON FACE OF COLUMNS AND PREPARE FOR NEW FINISH.
27 REMOVE MECHANICAL EQUIPMENT COMPLETE.
28 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE.
29 REMOVE RECEPTION DESK COMPLETE.
30 REMOVE WINDOW SYSTEM COMPLETE, INCLUDING STONE SILL AND INTERIOR STOOL TO FIRST FULL MASONRY JOINT BELOW WINDOW. PREPARE OPENING AS REQUIRED FOR NEW CONSTRUCTION.
31 CAREFULLY DEMOLISH EXISTING BUILDING STRUCTURE AND PROTECT EXISTING BRICK MASONRY AND BUILDING STRUCTURE TO REMAIN.
32 DEMOLISH EXISTING EXTERIOR WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL PLAN AND SECTION SHEETS. PROTECT EXISTING ADJACENT CONSTRUCTION AND BUILDING STRUCTURE TO REMAIN.
33 PROTECT EXISTING LOAD-BEARING WALLS TO REMAIN.
34 DEMOLISH EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION AND TO 8" BELOW FLOOR LINE. PATCH CONCRETE FLOOR AS REQUIRE FOR NEW FINISH.
35 REMOVE EXISTING ACOUSTIC CEILING TILE PADS. CLEAN CEILING GRID.
36 REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION REGARDING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING
37 DEMOLISH EXISTING ROLLING GRILLE COMPLETE
38 BUSH HAMMER EXISTING DAMAGED FLOOR SLAB. PREP TO TO RECEIVE NEW FLOOR LEVELER.
39 REMOVE EXISTING SPORT FLOOR. GRIND AND SAND FLOOR IN PREPARATION FOR NEW SPORT FLOORING.
40 PREPARE EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW FINISHES AND TO ACHIEVE A SMOOTH TRANSITION BETWEEN FINISHES.
41 REMOVE METAL COPING. REMOVE UPPER FACE BRICK AS REQUIRED.
42 REMOVE MIRRORS IN THEIR ENTIRETY. REPAIR WALL AS REQUIRED FOR NEW FINISHES.
43 REMOVE SHELVING COMPLETE. IF WALLS ARE TO REMAIN - REPAIR WALL AS REQUIRED FOR NEW FINISHES.
44 REMOVE EXISTING EIFS DOWN TO CMU WALL.
45 REMOVE EXISTING CARPET
46 EXISTING TWO STORY CEILING TO REMAIN
47 EXISTING CONSTRUCTION TO REMAIN.
48 REMOVE EXISTING COURTYARD CONCRETE PAVING, STEPS, AND SEATING PREPARE FOR NEW CONSTRUCTION.
49 REMOVE ROOF STRUCTURE AND FRAMING
50 REMOVE EXISTING DOOR AND DOOR HARDWARE COMPLETE - STORE DOOR FOR REFINISHING AND NEW HARDWARE. REINSTALL DOOR ONCE COMPLETE.
51 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
52 EXISTING CEILING HUNG BATTING CAGES AND BACKBOARDS TO REMAIN
53 EXISTING MAT HOIST TO REMAIN
54 EXISTING TENNIS/ VOLLEYBALL/ BADMINTON FLOOR SLEEVES TO REMAIN
55 EXISTING ROLL-FOLD DIVIDER CURTAIN TO REMAIN

GIBRALTAR DESIGN
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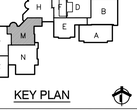
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED ND. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "M" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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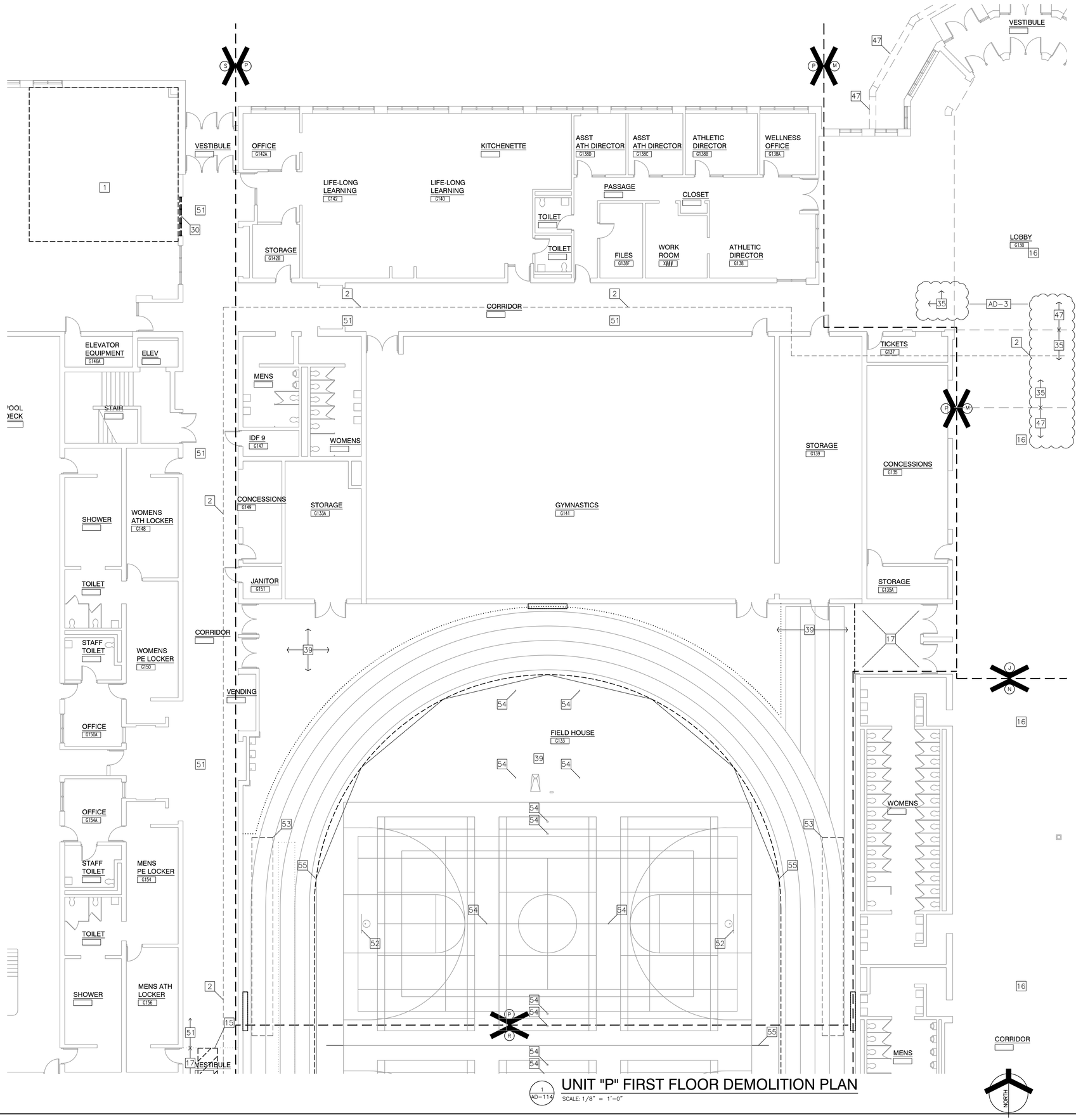
M

SHEET
AD-112

Wednesday, 11/3/2021 - 9:05 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-112.DWG



1 AD-114

UNIT "P" FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
B. UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
C. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.
D. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
E. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
F. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
G. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
H. REMOVE ALL EXISTING IN-GROUND AND WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.
I. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN CONSTRUCTION TO BE DEMOLISHED.
J. WHERE EXISTING TERRAZZO AND TILE FLOORS ARE DEMOLISHED, SELECTIVELY DEMOLISHED, OR MODIFIED FOR NEW CONSTRUCTION; THE SURFACE SHALL BE PREPARED TO RECEIVE NEW FINISHES LEVEL AT THE EXISTING HEIGHT OF ALL FLOOR FINISHES AND FLOOR TRANSITIONS. CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR SMOOTH, EVEN, STRUCTURALLY STABLE SURFACES.
K. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1 REMOVE ACOUSTICAL CEILING SYSTEM COMPLETE.
2 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW FIRE PROTECTION MAINS AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION AND HYDRONIC ROUTING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING
3 CAREFULLY DEMOLISH EXISTING CANOPY STRUCTURE COMPLETE (ROOF TO FOOTINGS). PROTECT EXISTING BUILDING STRUCTURE.
4 REMOVE EXISTING ROOFING, METAL DECK, AND JOISTS. REFER TO STRUCTURAL FOR EXTENT OF STRUCTURAL STEEL DEMOLITION.
5 REMOVE MISCELLANEOUS METALS & EQUIPMENT ABOVE CEILING CONSTRUCTION. EXISTING BUILDING STRUCTURE ABOVE CEILING TO REMAIN.
6 THRU 10 NOT USED.
11 DEMOLISH EXISTING WALK/ STOOP COMPLETE.
12 DEMOLISH EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS.
13 DEMOLISH EXISTING FENCING COMPLETE.
14 DEMOLISH EXISTING SUSPENDED WOOD STRUCTURE COMPLETE. REPAIR GYP BOARD WALL AND ACOUSTIC CEILING FINISHES.
15 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
16 EXISTING FLOOR SLAB TO REMAIN. PROTECT EXISTING SLAB AND ASSOCIATED CONSTRUCTION AROUND REMOVED FLOOR SLAB OF NOTE 15.
17 REMOVE EXISTING FLOOR FINISHES AND ADHESIVE COMPLETE TO ACCOMMODATE NEW FINISHES.
18 DEMOLISH EXISTING CERAMIC/QUARRY FLOOR TILE BASE COMPLETE. PATCH WALLS TO REMAIN. PREPARE TO RECEIVE NEW CONSTRUCTION.
19 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
20 REMOVE EXISTING LOCKERS AND BASE. PREPARE FLOOR UNDER BASE FOR EXTENSION OF FLOOR FINISH. 2ND FLOOR ONLY (AD-2)
21 REMOVE CASEWORK AND WALL MOUNTED BOARDS / DEVICES COMPLETE. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
22 SALVAGE EXISTING CASEWORK. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED FOR NEW FINISHES DUE TO CASEWORK REMOVAL.
23 REMOVE MASONRY WALL, DOOR, AND WINDOWS, AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND ADJACENT WALLS WHERE WALL IS DEMOLISHED AND AS REQUIRED TO ACCEPT NEW FINISHES.
24 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE. VERIFY WITH OWNER ANY DOOR HARDWARE THAT MAY BE DESIRED PRIOR TO REMOVAL.
25 REMOVE METAL STUD/GYPSUM BOARD WALL/BULKHEAD, DOORS AND WINDOWS, COMPLETE. PATCH AND REPAIR REMAINING WALL AS REQUIRED FOR NEW FINISHES.
26 EXISTING STEEL COLUMN TO REMAIN. IF COLUMN IS TO BE LEFT EXPOSED, CONTRACTOR IS TO REMOVE ALL ANCHORS AND MORTAR/GYPSUM BOARD COMPLETE, ALONG WITH ANY BURRS OR IMPERFECTIONS ON FACE OF COLUMNS AND PREPARE FOR NEW FINISH.
27 REMOVE MECHANICAL EQUIPMENT COMPLETE.
28 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE.
29 REMOVE RECEPTION DESK COMPLETE.
30 REMOVE WINDOW SYSTEM COMPLETE, INCLUDING STONE SILL AND INTERIOR STOOL TO FIRST FULL MASONRY JOINT BELOW WINDOW. PREPARE OPENING AS REQUIRED FOR NEW CONSTRUCTION.
31 CAREFULLY DEMOLISH EXISTING BUILDING STRUCTURE AND PROTECT EXISTING BRICK MASONRY AND BUILDING STRUCTURE TO REMAIN.
32 DEMOLISH EXISTING EXTERIOR WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL PLAN AND SECTION SHEETS. PROTECT EXISTING ADJACENT CONSTRUCTION AND BUILDING STRUCTURE TO REMAIN.
33 PROTECT EXISTING LOAD-BEARING WALLS TO REMAIN.
34 DEMOLISH EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION AND TO 8" BELOW FLOOR LINE. PATCH CONCRETE FLOOR AS REQUIRE FOR NEW FINISH.
35 REMOVE EXISTING ACOUSTIC CEILING TILE PADS. CLEAN CEILING GRID.
36 REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION REGARDING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING (AD-2)
37 DEMOLISH EXISTING ROLLING GRILLE COMPLETE
38 BUSH HAMMER EXISTING DAMAGED FLOOR SLAB. PREP TO TO RECEIVE NEW FLOOR LEVELER.
39 REMOVE EXISTING SPORT FLOOR. GRIND AND SAND FLOOR IN PREPARATION FOR NEW SPORT FLOORING.
40 PREPARE EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW FINISHES AND TO ACHIEVE A SMOOTH TRANSITION BETWEEN FINISHES. (AD-3)
41 REMOVE METAL COPING. REMOVE UPPER FACE BRICK AS REQUIRED.
42 REMOVE MIRRORS IN THEIR ENTIRETY. REPAIR WALL AS REQUIRED FOR NEW FINISHES.
43 REMOVE SHELVING COMPLETE. IF WALLS ARE TO REMAIN – REPAIR WALL AS REQUIRED FOR NEW FINISHES.
44 REMOVE EXISTING EIFS DOWN TO CMU WALL.
45 REMOVE EXISTING CARPET
46 EXISTING TWO STORY CEILING TO REMAIN
47 EXISTING CONSTRUCTION TO REMAIN.
48 REMOVE EXISTING COURTYARD CONCRETE PAVING, STEPS, AND SEATING PREPARE FOR NEW CONSTRUCTION.
49 REMOVE ROOF STRUCTURE AND FRAMING
50 REMOVE EXISTING DOOR AND DOOR HARDWARE COMPLETE – STORE DOOR FOR REFINISHING AND NEW HARDWARE. REINSTALL DOOR ONCE COMPLETE.
51 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
52 EXISTING CEILING HUNG BATTING CAGES AND BACKBOARDS TO REMAIN
53 EXISTING MAT HOIST TO REMAIN
54 EXISTING TENNIS/ VOLLEYBALL/ BADMINTON FLOOR SLEEVES TO REMAIN
55 EXISTING ROLL-FOLD DIVIDER CURTAIN TO REMAIN

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "P" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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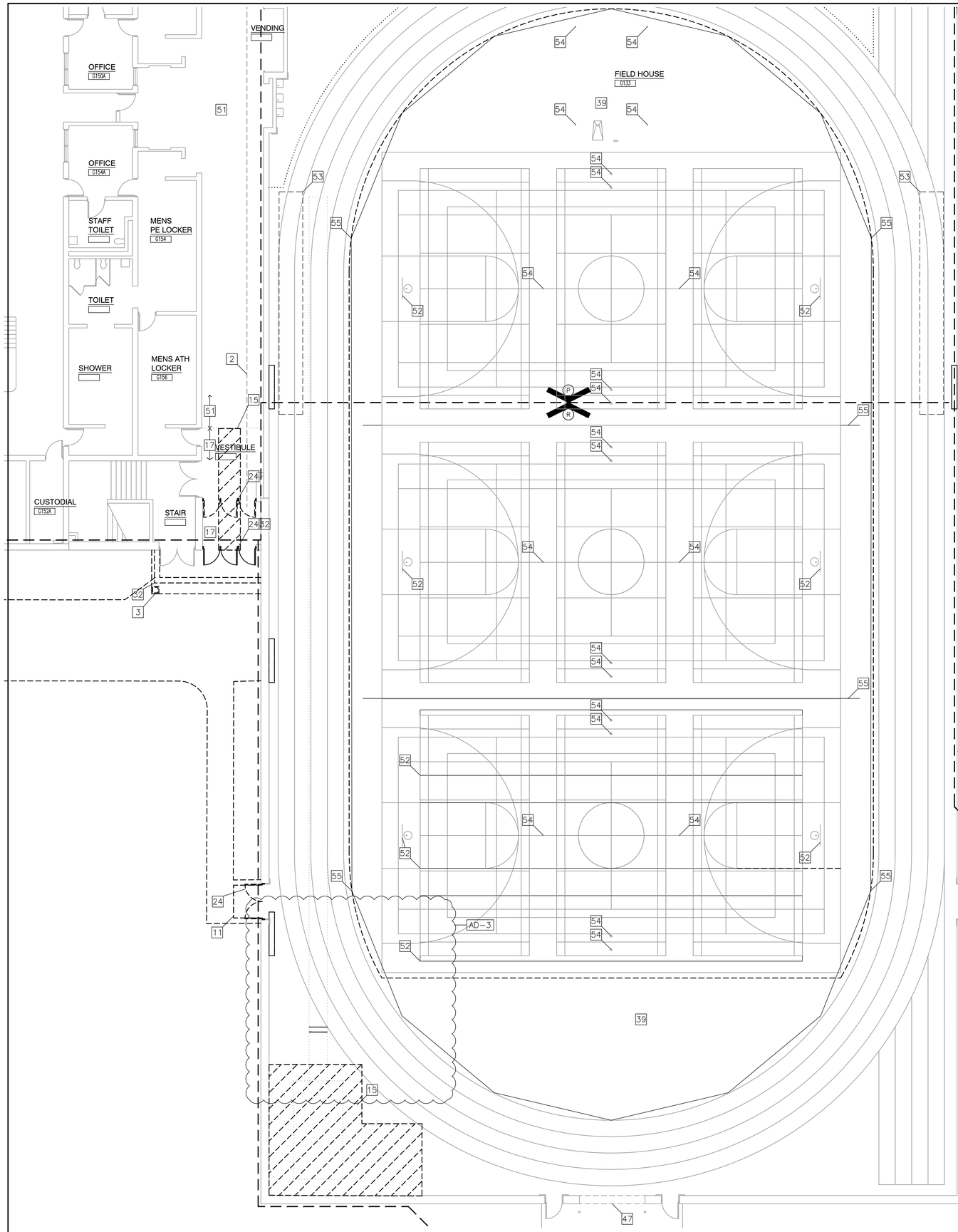
P

SHEET
AD-114

Wednesday, 11/3/2021 - 9:07 PM - LAST SAVED BY:NWESLEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-114.DWG



1 AD-115

UNIT "R" FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
B. UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
C. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.
D. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
E. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
F. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
G. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
H. REMOVE ALL EXISTING IN-GROUND AND WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.
I. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN CONSTRUCTION TO BE DEMOLISHED.
J. WHERE EXISTING TERRAZZO AND TILE FLOORS ARE DEMOLISHED, SELECTIVELY DEMOLISHED, OR MODIFIED FOR NEW CONSTRUCTION; THE SURFACE SHALL BE PREPARED TO RECEIVE NEW FINISHES LEVEL AT THE EXISTING HEIGHT OF ALL FLOOR FINISHES AND FLOOR TRANSITIONS. CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR SMOOTH, EVEN, STRUCTURALLY STABLE SURFACES.
K. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1 REMOVE ACOUSTICAL CEILING SYSTEM COMPLETE.
2 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW FIRE PROTECTION MAINS AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION AND HYDRONIC ROUTING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING (AD-2)
3 CAREFULLY DEMOLISH EXISTING CANOPY STRUCTURE COMPLETE (ROOF TO FOOTINGS). PROTECT EXISTING BUILDING STRUCTURE.
4 REMOVE EXISTING ROOFING, METAL DECK, AND JOISTS. REFER TO STRUCTURAL FOR EXTENT OF STRUCTURAL STEEL DEMOLITION.
5 REMOVE MISCELLANEOUS METALS & EQUIPMENT ABOVE CEILING CONSTRUCTION. EXISTING BUILDING STRUCTURE ABOVE CEILING TO REMAIN.
6 THRU 10 NOT USED.
11 DEMOLISH EXISTING WALK/ STOOP COMPLETE.
12 DEMOLISH EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS.
13 DEMOLISH EXISTING FENCING COMPLETE.
14 DEMOLISH EXISTING SUSPENDED WOOD STRUCTURE COMPLETE. REPAIR GYP BOARD WALL AND ACOUSTIC CEILING FINISHES.
15 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
16 EXISTING FLOOR SLAB TO REMAIN. PROTECT EXISTING SLAB AND ASSOCIATED CONSTRUCTION AROUND REMOVED FLOOR SLAB OF NOTE 15.
17 REMOVE EXISTING FLOOR FINISHES AND ADHESIVE COMPLETE TO ACCOMMODATE NEW FINISHES.
18 DEMOLISH EXISTING CERAMIC/QUARRY FLOOR TILE BASE COMPLETE. PATCH WALLS TO REMAIN. PREPARE TO RECEIVE NEW CONSTRUCTION.
19 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
20 REMOVE EXISTING LOCKERS AND BASE. PREPARE FLOOR UNDER BASE FOR EXTENSION OF FLOOR FINISH. 2ND FLOOR ONLY (AD-2)
21 REMOVE CASEWORK AND WALL MOUNTED BOARDS / DEVICES COMPLETE. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
22 SALVAGE EXISTING CASEWORK. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED FOR NEW FINISHES DUE TO CASEWORK REMOVAL.
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24 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE. VERIFY WITH OWNER ANY DOOR HARDWARE THAT MAY BE DESIRED PRIOR TO REMOVAL.
25 REMOVE METAL STUD/GYPSUM BOARD WALL/BULKHEAD, DOORS AND WINDOWS, COMPLETE. PATCH AND REPAIR REMAINING WALL AS REQUIRED FOR NEW FINISHES.
26 EXISTING STEEL COLUMN TO REMAIN. IF COLUMN IS TO BE LEFT EXPOSED, CONTRACTOR IS TO REMOVE ALL ANCHORS AND MORTAR/GYPSUM BOARD COMPLETE, ALONG WITH ANY BURRS OR IMPERFECTIONS ON FACE OF COLUMNS AND PREPARE FOR NEW FINISH.
27 REMOVE MECHANICAL EQUIPMENT COMPLETE.
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29 REMOVE RECEPTION DESK COMPLETE.
30 REMOVE WINDOW SYSTEM COMPLETE, INCLUDING STONE SILL AND INTERIOR STOOL TO FIRST FULL MASONRY JOINT BELOW WINDOW. PREPARE OPENING AS REQUIRED FOR NEW CONSTRUCTION.
31 CAREFULLY DEMOLISH EXISTING BUILDING STRUCTURE AND PROTECT EXISTING BRICK MASONRY AND BUILDING STRUCTURE TO REMAIN.
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33 PROTECT EXISTING LOAD-BEARING WALLS TO REMAIN.
34 DEMOLISH EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION AND TO 8" BELOW FLOOR LINE. PATCH CONCRETE FLOOR AS REQUIRE FOR NEW FINISH.
35 REMOVE EXISTING ACOUSTIC CEILING TILE PADS. CLEAN CEILING GRID.
36 REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION REGARDING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING (AD-2)
37 DEMOLISH EXISTING ROLLING GRILLE COMPLETE
38 BUSH HAMMER EXISTING DAMAGED FLOOR SLAB. PREP TO TO RECEIVE NEW FLOOR LEVELER.
39 REMOVE EXISTING SPORT FLOOR. GRIND AND SAND FLOOR IN PREPARATION FOR NEW SPORT FLOORING.
40 PREPARE EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW FINISHES AND TO ACHIEVE A SMOOTH TRANSITION BETWEEN FINISHES. (AD-3)
41 REMOVE METAL COPING. REMOVE UPPER FACE BRICK AS REQUIRED.
42 REMOVE MIRRORS IN THEIR ENTIRETY. REPAIR WALL AS REQUIRED FOR NEW FINISHES.
43 REMOVE SHELVING COMPLETE. IF WALLS ARE TO REMAIN – REPAIR WALL AS REQUIRED FOR NEW FINISHES.
44 REMOVE EXISTING EIFS DOWN TO CMU WALL.
45 REMOVE EXISTING CARPET
46 EXISTING TWO STORY CEILING TO REMAIN
47 EXISTING CONSTRUCTION TO REMAIN.
48 REMOVE EXISTING COURTYARD CONCRETE PAVING, STEPS, AND SEATING PREPARE FOR NEW CONSTRUCTION.
49 REMOVE ROOF STRUCTURE AND FRAMING
50 REMOVE EXISTING DOOR AND DOOR HARDWARE COMPLETE – STORE DOOR FOR REFINISHING AND NEW HARDWARE. REINSTALL DOOR ONCE COMPLETE.
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52 EXISTING CEILING HUNG BATTING CAGES AND BACKBOARDS TO REMAIN
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55 EXISTING ROLL-FOLD DIVIDER CURTAIN TO REMAIN

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "R" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET R AD-115

Wednesday, 11/3/2021 - 8:56 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-115.DWG

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

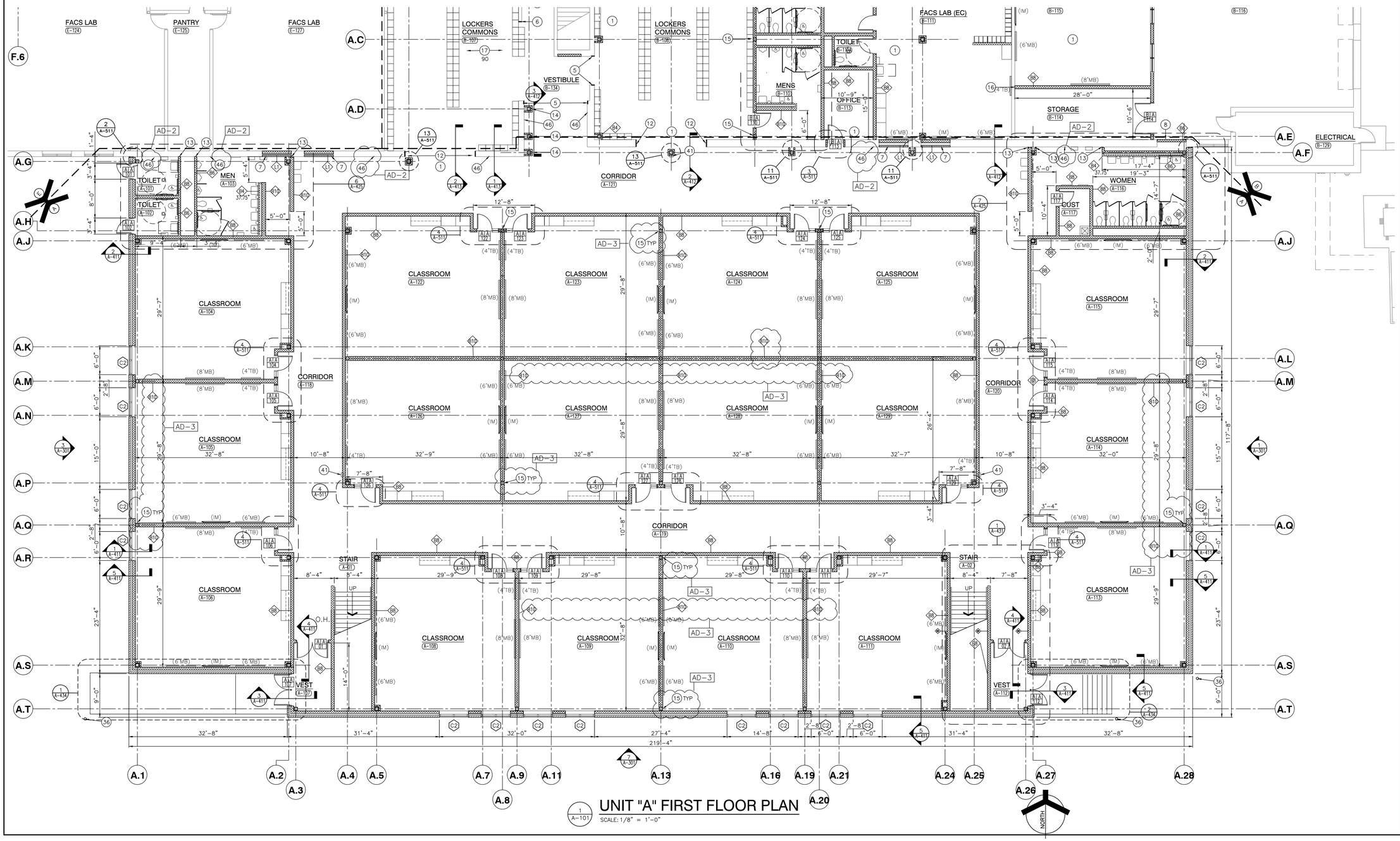
⬡ INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

◇ INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

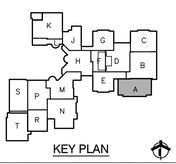
PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER / POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. NOT USED (AD-2)
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.
46. THOROUGHLY CLEAN EXISTING BRICK VENEER SURFACE PER SPECIFICATION. WHERE SCHEDULED, PREPARE FOR PAINT APPLICATION. (AD-2)



1 A-101 UNIT "A" FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

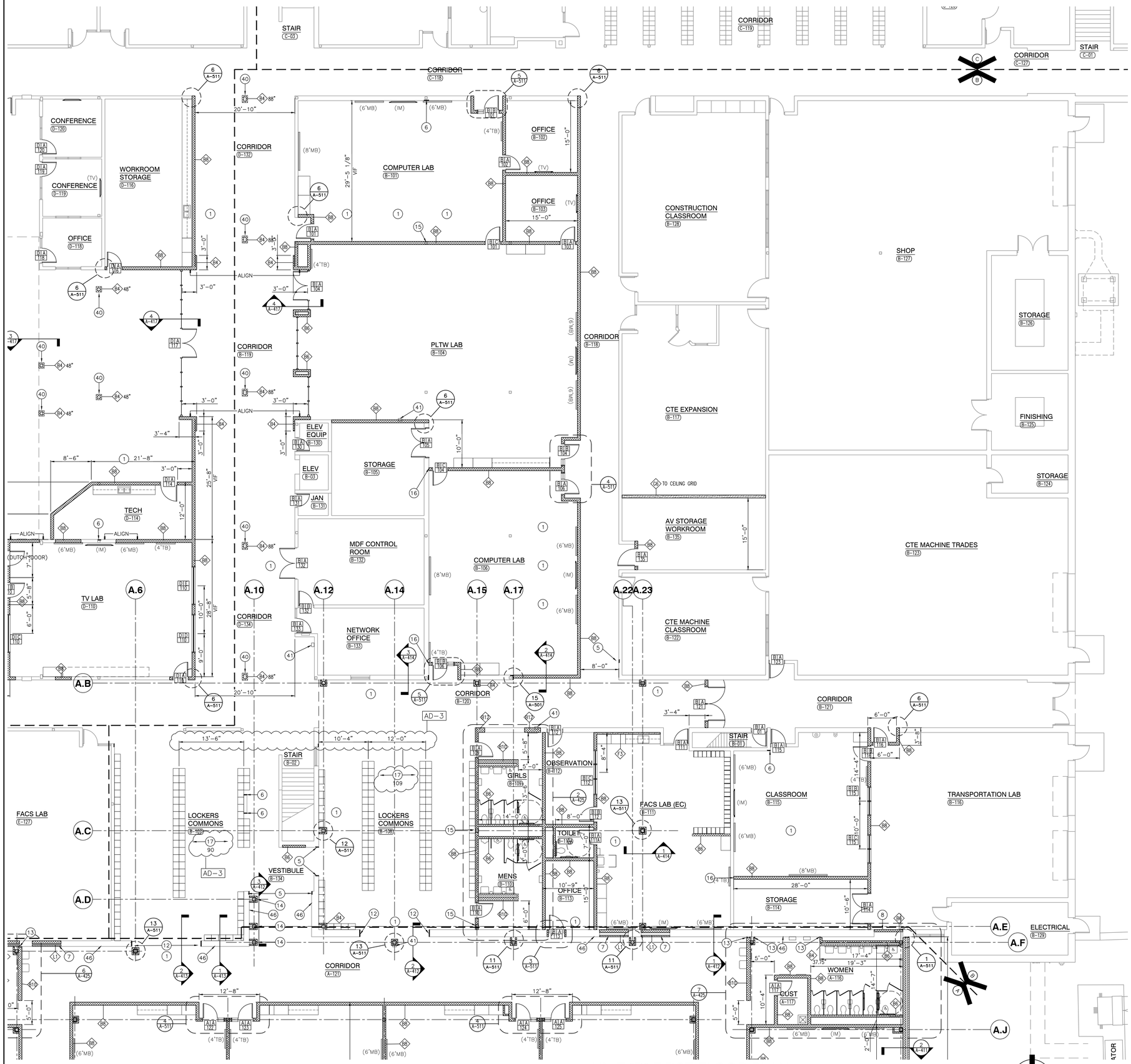
DRAWING
UNIT "A", ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET A-101

Thursday, 11/4/2021 - 2:04 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-101.DWG



UNIT "B" FIRST FLOOR PLAN

1 A-102 — SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

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J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

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⬡ INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

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PLAN NOTES:

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14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. NOT USED — AD-2
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
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31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
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36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
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46. THOROUGHLY CLEAN EXISTING BRICK VENEER SURFACE PER SPECIFICATION. WHERE SCHEDULED, PREPARE FOR PAINT APPLICATION. — AD-2

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

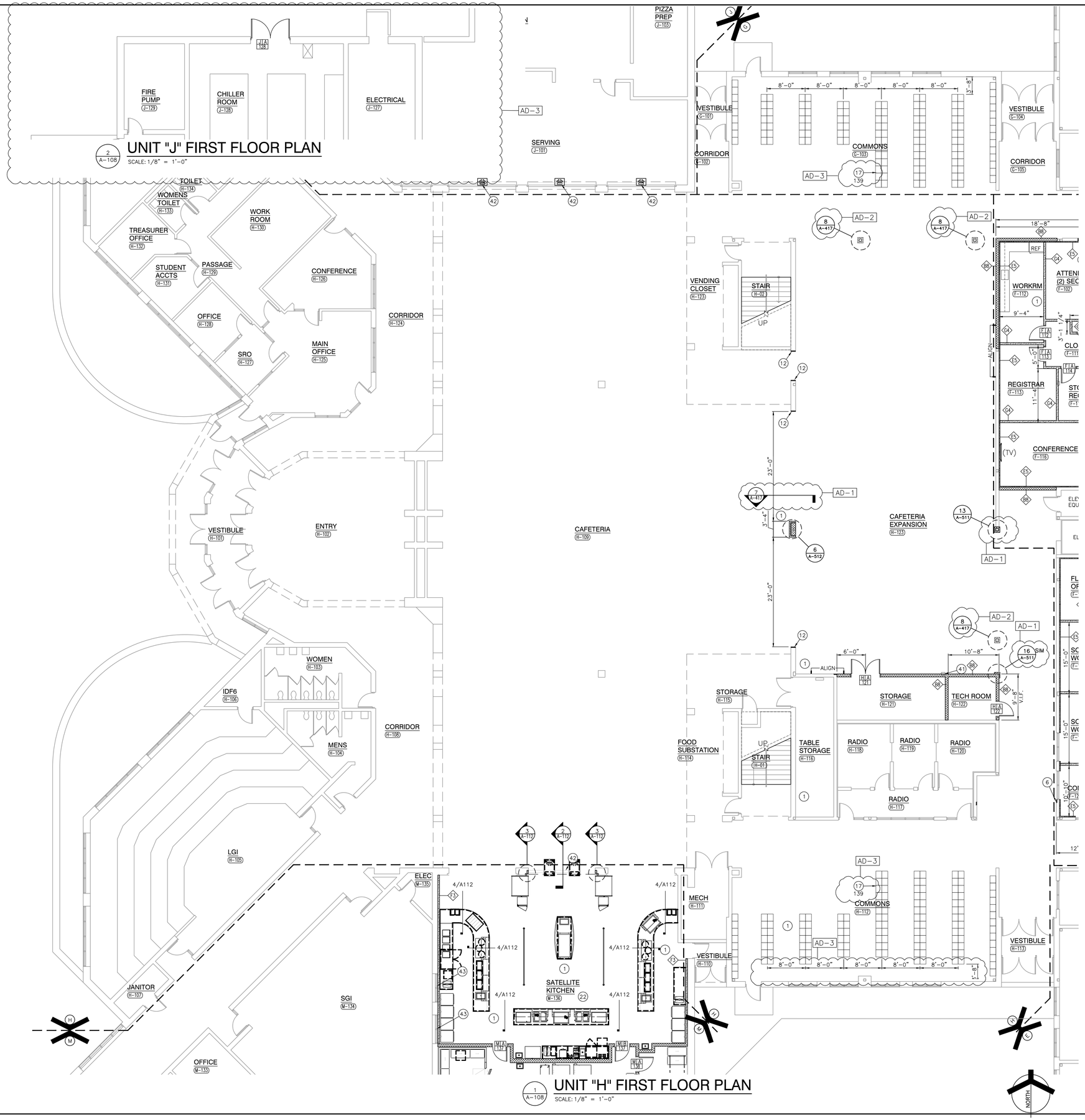
DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET B A-102

Tuesday, 11/2/2021 - 8:59 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-102.DWG



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36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.
46. THOROUGHLY CLEAN EXISTING BRICK VENEER SURFACE PER SPECIFICATION. WHERE SCHEDULED, PREPARE FOR PAINT APPLICATION.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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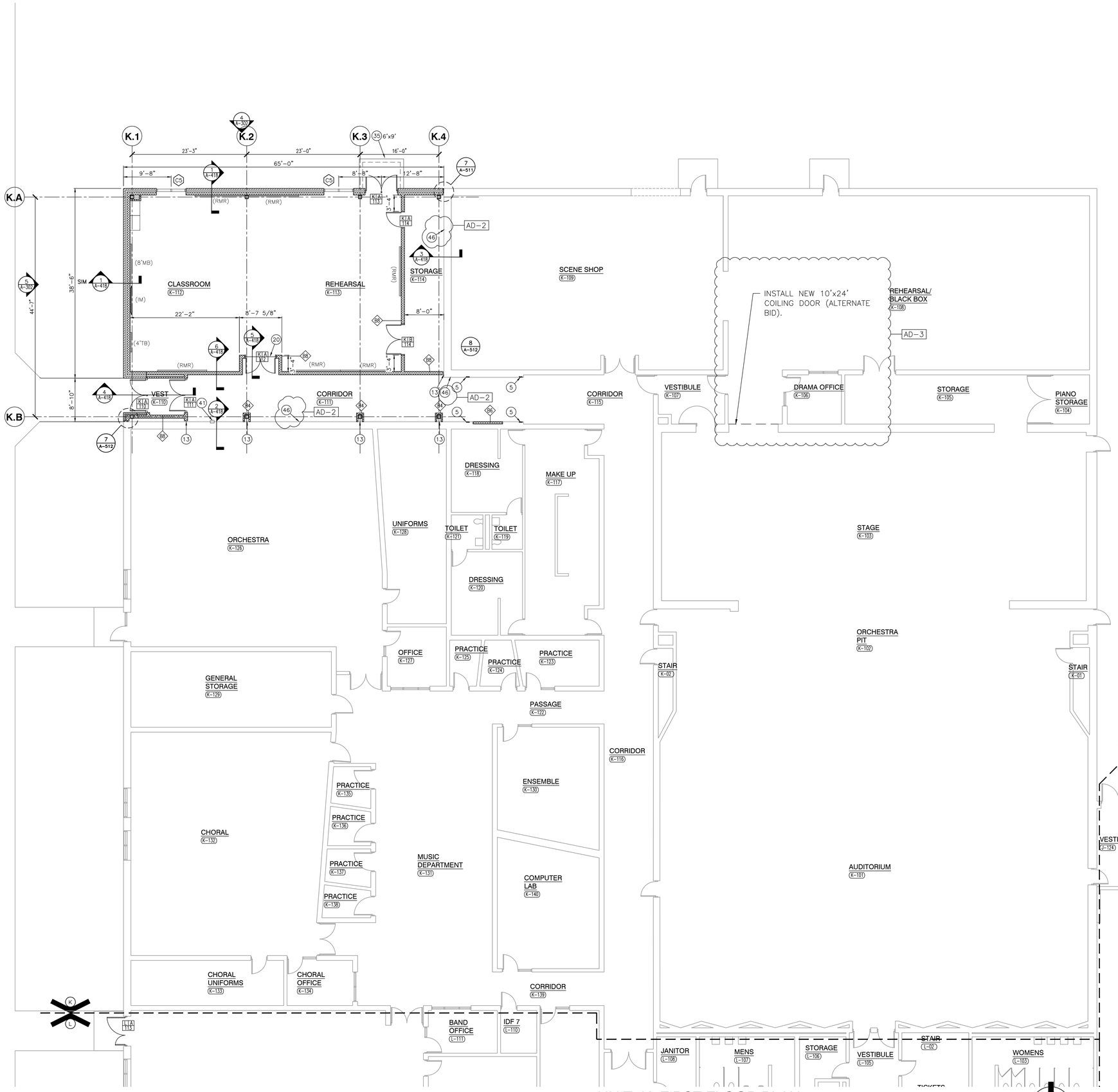
SHEET H
A-108

Tuesday, 11/2/2021 - 9:37 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-108.DWG



1 A-110

UNIT "K" FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER / POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. NOT USED
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
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AD-2

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "K" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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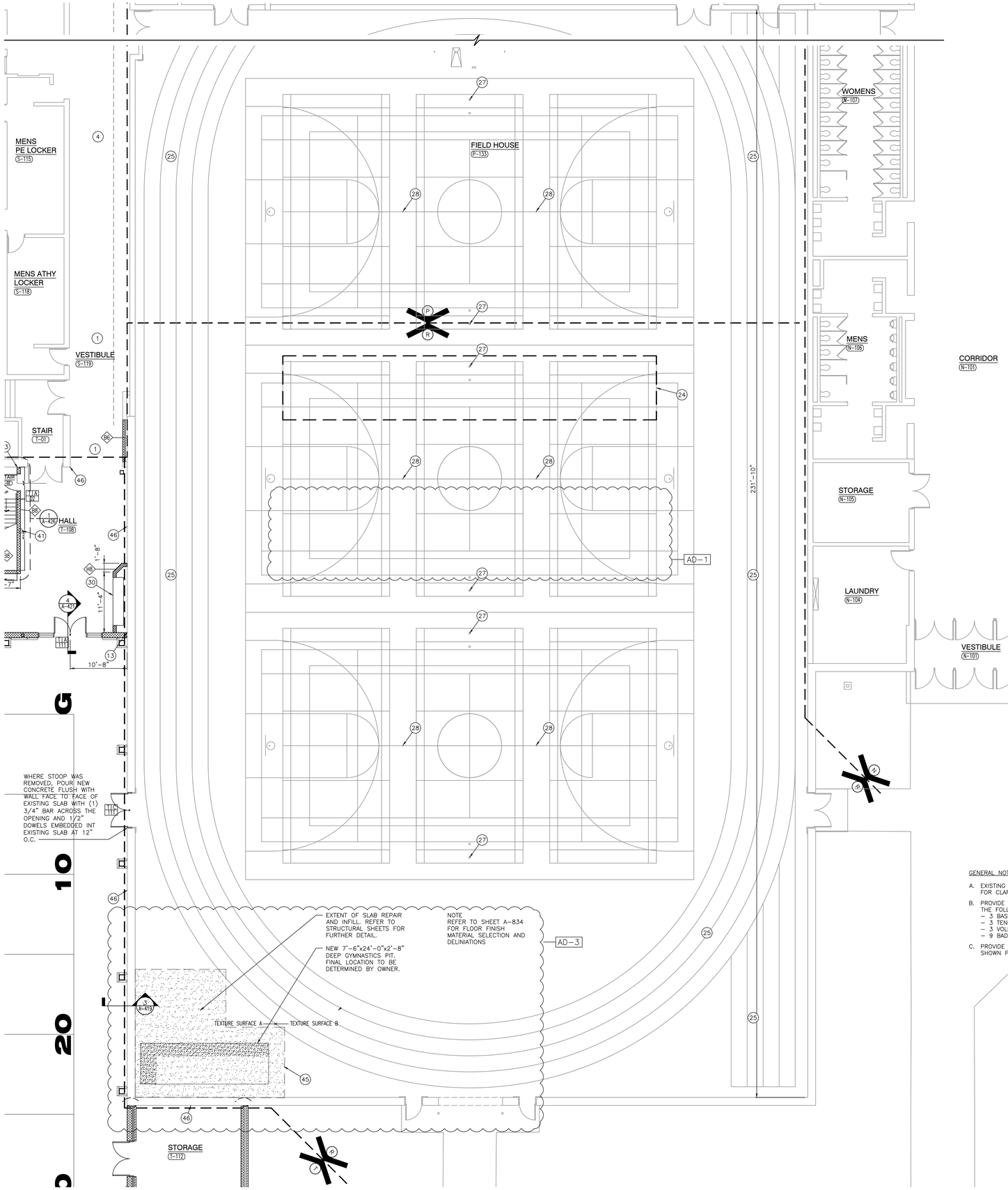
SHEET
K
A-110

Wednesday, 11/3/2021 - 7:27 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-110.DWG



1 A-115 UNIT "P"/ "R" FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES FOR FIELDHOUSE P-133

A. EXISTING CURTAIN, MAT LIFTER, AND BATTING CAGES NOT SHOWN FOR CLARITY

B. PROVIDE LINEWORK AND MARKINGS PER IHSA STANDARDS FOR THE FOLLOWING:
   - 3 BASKETBALL COURTS
   - 3 TENNIS COURTS
   - 3 VOLLEYBALL COURTS
   - 9 BADMINTON COURTS

C. PROVIDE STRIPING AND MARKINGS FOR THE 4 LANE TRACK SHOWN PER IHSA STANDARDS

NORTH

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

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C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

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INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

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13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
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15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
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28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
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GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "R" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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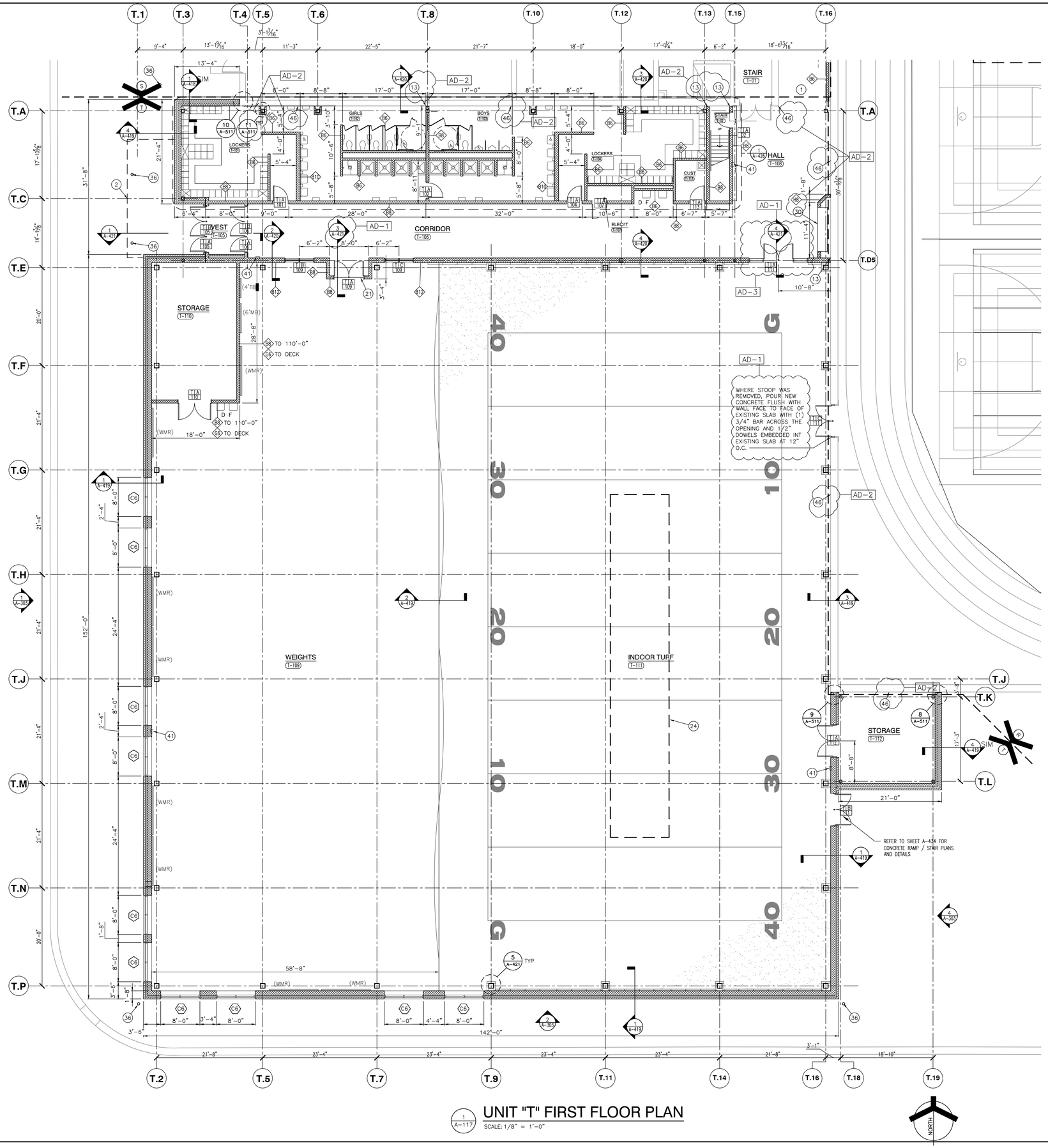
SHEET
R
A-115

Wednesday, 11/3/2021 - 9:39 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-115.DWG



UNIT "T" FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

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7. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. NOT USED — AD-2
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.
46. THOROUGHLY CLEAN EXISTING BRICK VENEER SURFACE PER SPECIFICATION. WHERE SCHEDULED, PREPARE FOR PAINT APPLICATION — AD-2

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "T" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
T
A-117

Wednesday, 11/3/2021 - 8:23 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-117.DWG

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER / POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
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9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. NOT USED
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
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36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
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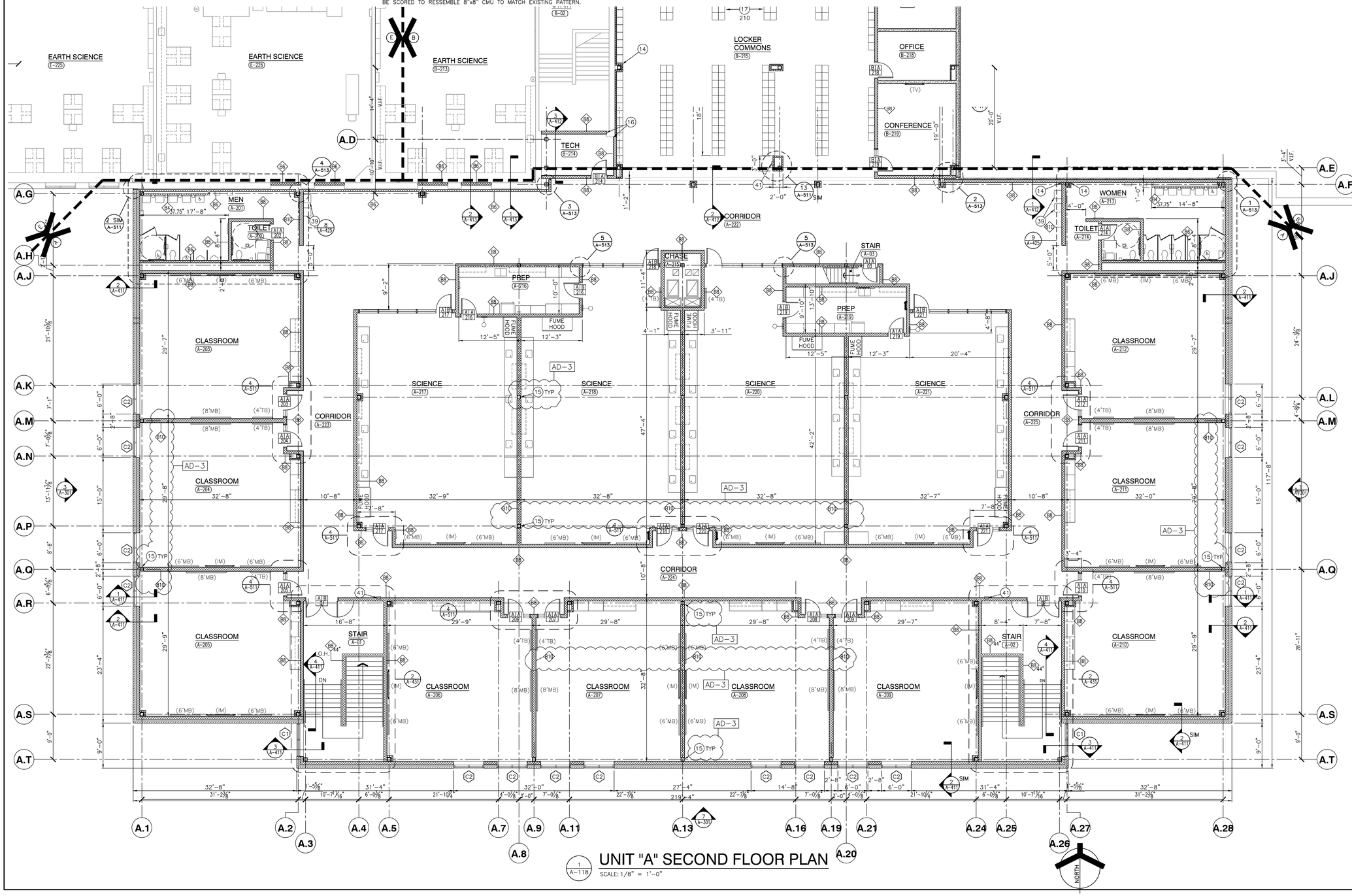
46. THOROUGHLY CLEAN EXISTING BRICK VENEER SURFACE PER



1 A-118 UNIT "A" SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

Thursday, 11/4/2021 - 2:03 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-118.DWG

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "A", ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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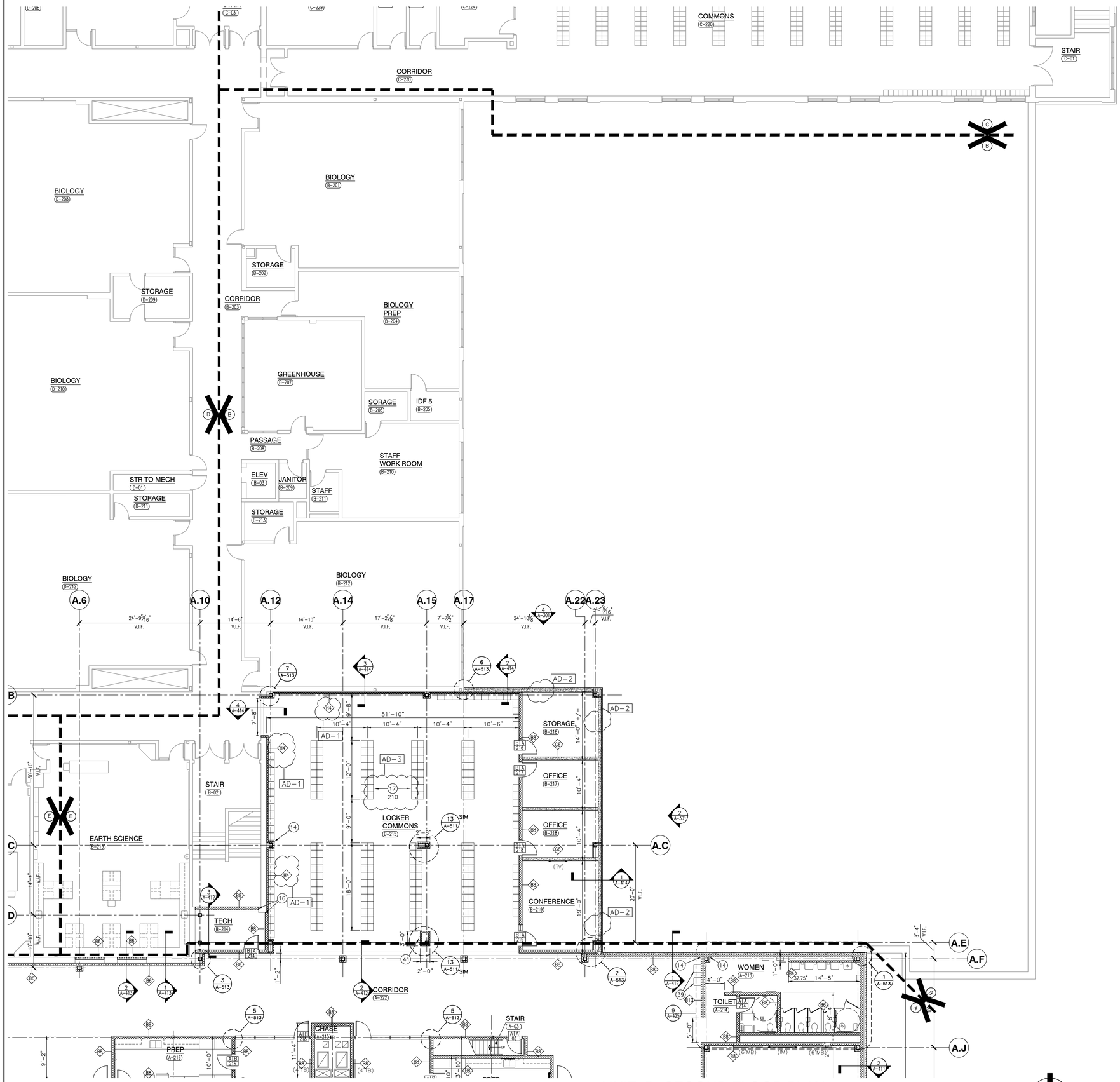
SHEET A-118



1 A-119 UNIT "B" SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

NORTH

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

⬡ INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

◇ INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
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4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER / POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
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10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. NOT USED — AD-2
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
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26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.
46. THOROUGHLY CLEAN EXISTING BRICK VENEER SURFACE PER SPECIFICATION. WHERE SCHEDULED, PREPARE FOR PAINT APPLICATION. — AD-2

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "B", ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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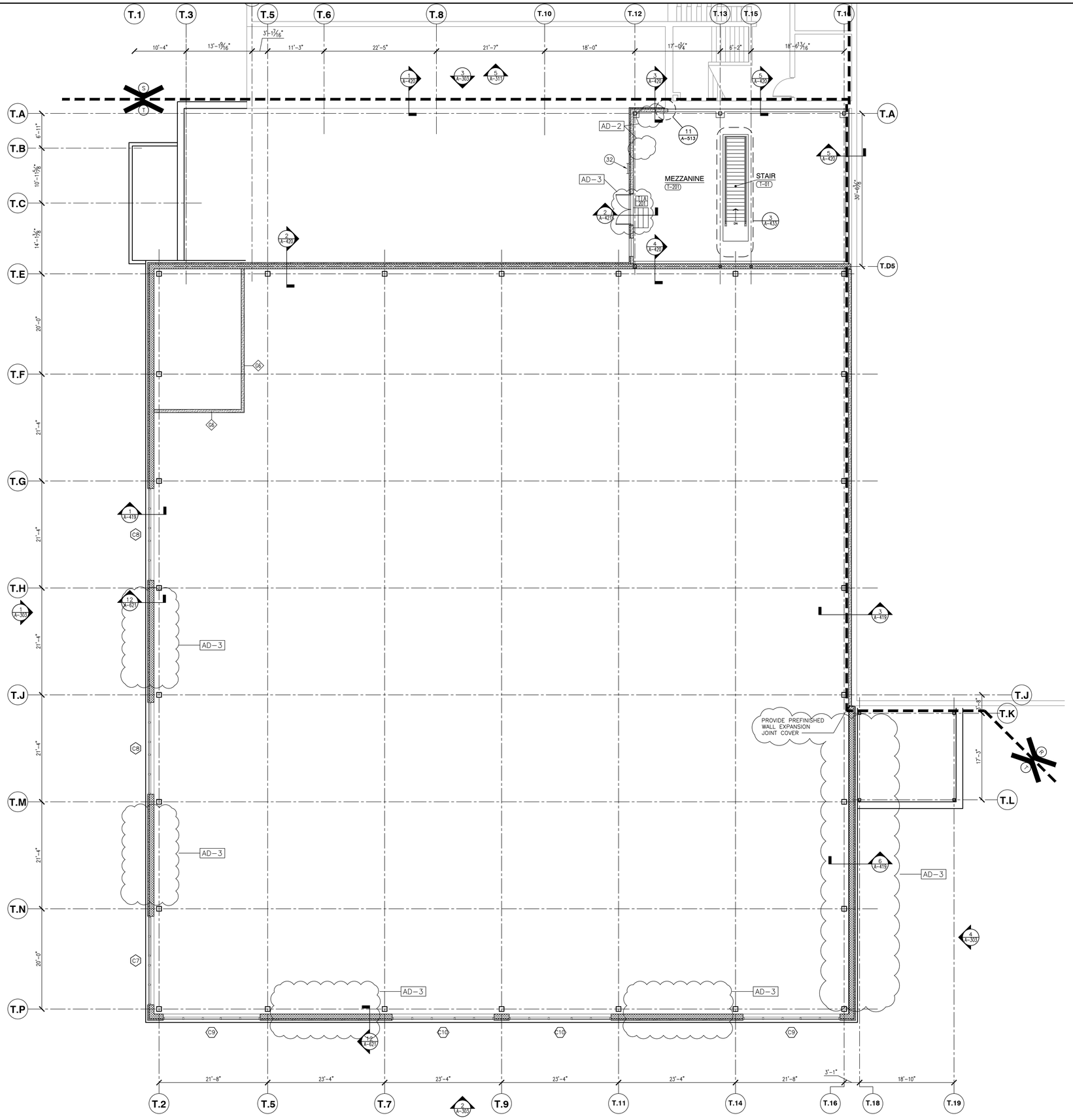
SHEET B A-119

Tuesday, 11/2/2021 - 8:58 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-119.DWG



1 A-134

UNIT "T" SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER / POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. NOT USED
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.
46. THOROUGHLY CLEAN EXISTING BRICK VENEER SURFACE PER SPECIFICATION. WHERE SCHEDULED, PREPARE FOR PAINT APPLICATION.

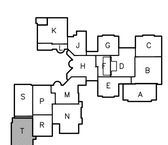
AD-2

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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9102 N. Meridian St., Ste. 300
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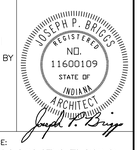
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM



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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "T" ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
T
A-134

Wednesday, 11/3/2021 - 10:01 PM - LAST SAVED BY:EMCCAULEY
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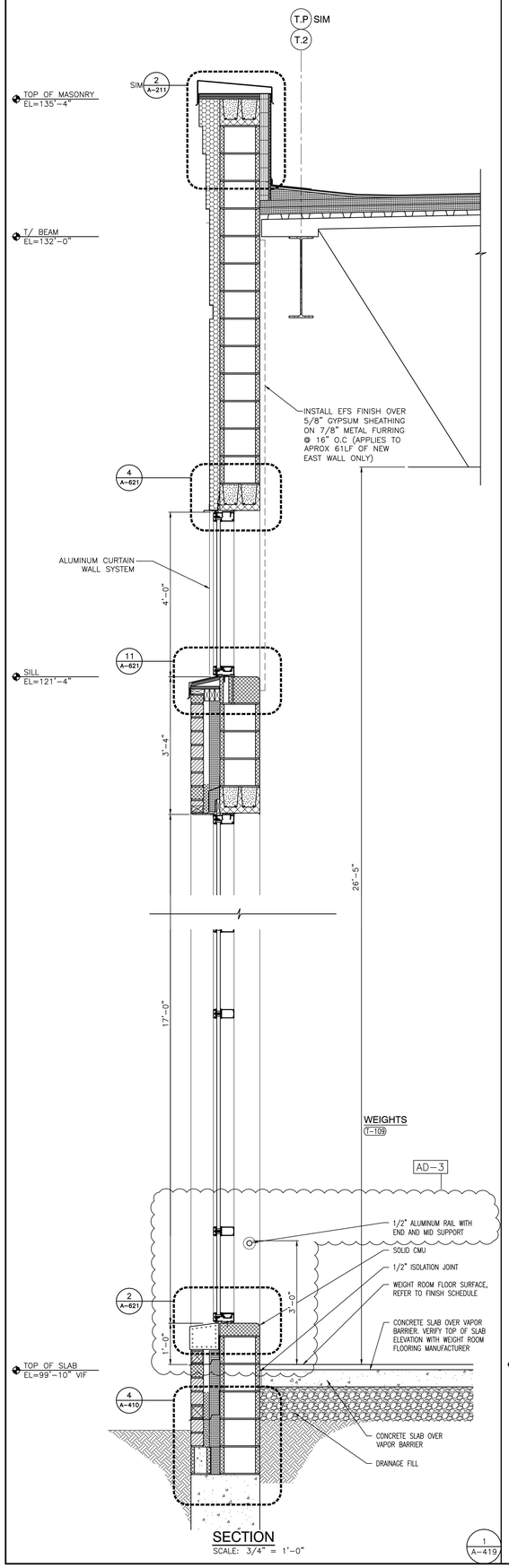

SECTION
SCALE: 3/4" = 1'-0"

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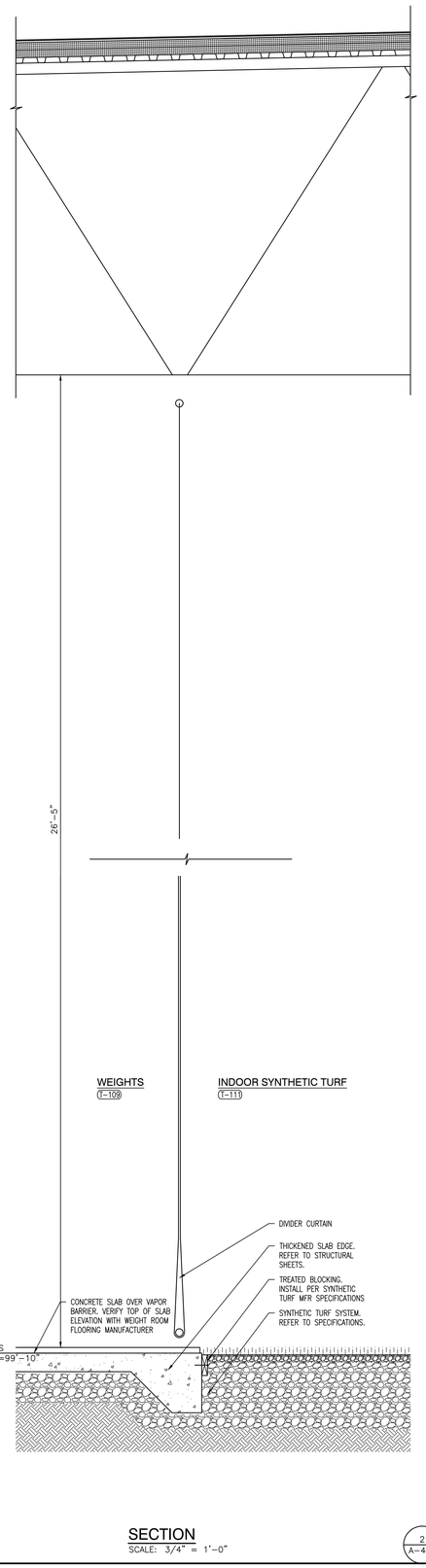
A-419



SECTION
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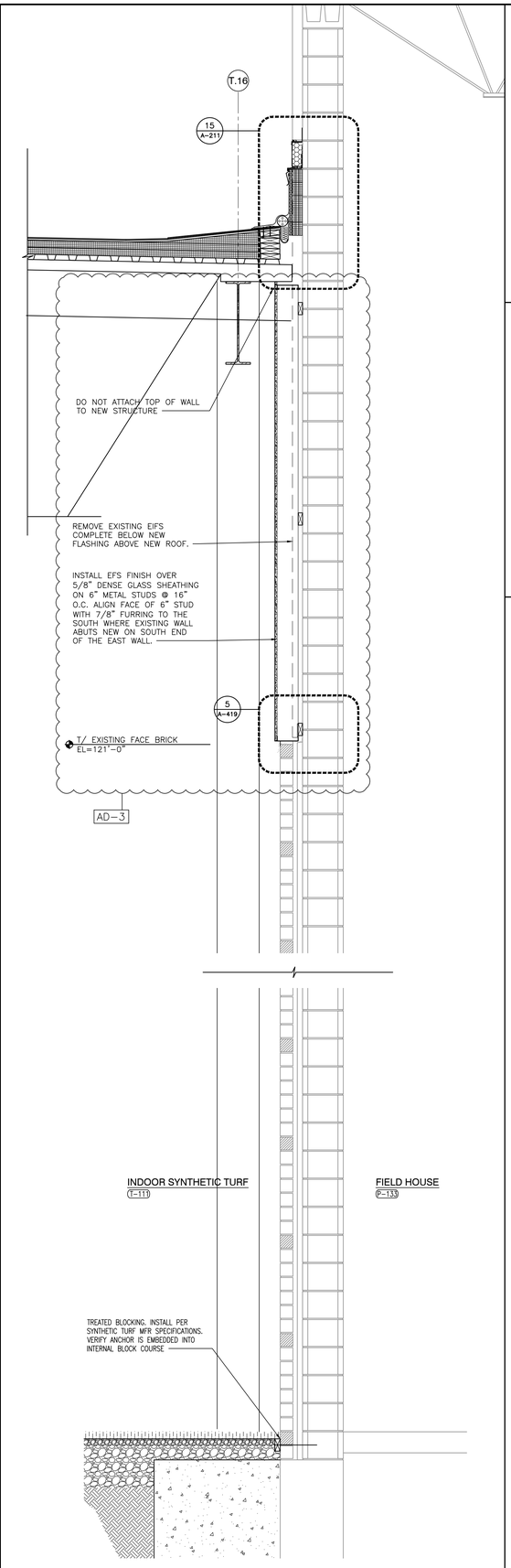
A-419



SECTION
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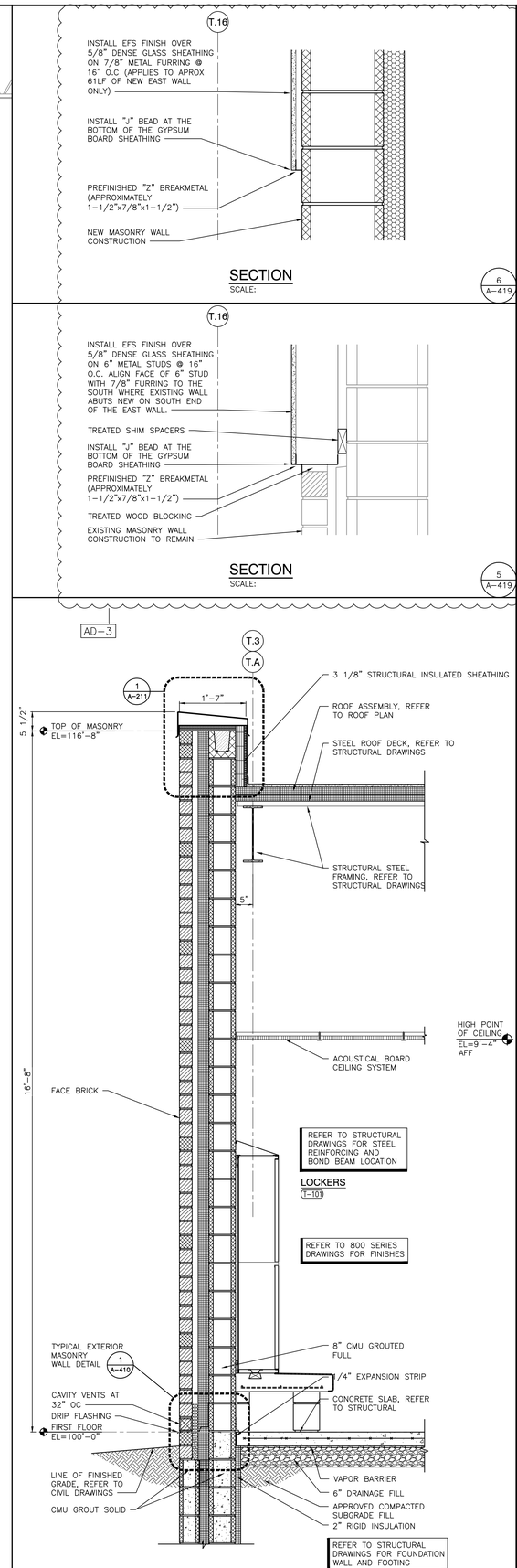
A-419



SECTION
SCALE: 3/4" = 1'-0"

4
A-419

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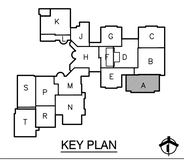
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS
REGISTERED
NO. 11600109
STATE OF INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
WALL SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
A-419

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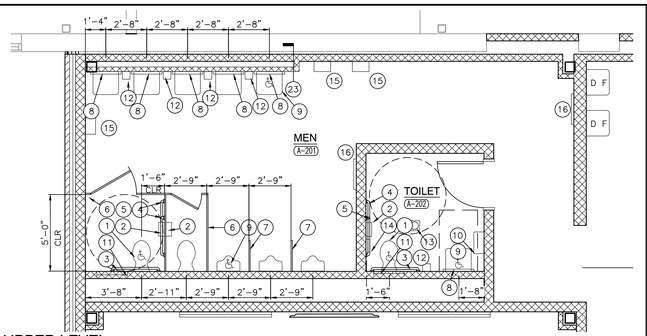
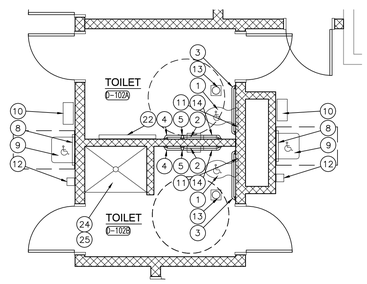


UPPER LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

8
A-425



MAIN LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

4
A-425

GENERAL RESTROOM PLAN NOTES:

A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET G-301.

B. DEPTH OF ALL TOILET ENCLOSURES SHALL BE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION UNLESS NOTED OTHERWISE.

C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.

D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.

E. COORDINATE HEIGHT OF GRAB BAR WITH TANK OF FLOOR MOUNTED WATER CLOSET OR FLUSH VALVE OF WALL MOUNTED WATER CLOSET.

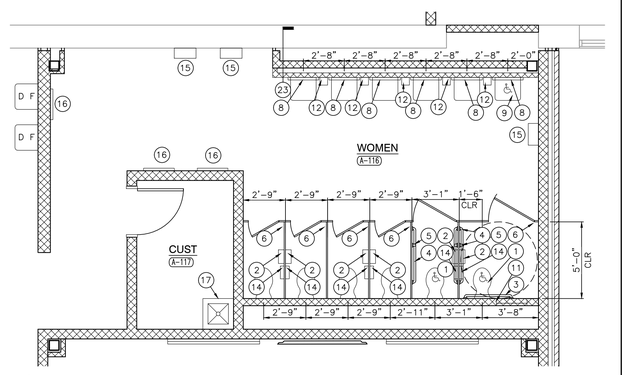
F. INSTALL LAVATORIES AND URINALS AT 2'-6" ON CENTER MINIMUM UNLESS NOTED OTHERWISE.

G. WHERE EXISTING PARTITIONS ARE REPLACED AND NEW PARTITION BRACKETS DO NOT COVER OLD MOUNTING HOLES, PATCH HOLE OR REPLACE TILE TO MATCH ADJACENT WALL FINISH.

RESTROOM PLAN NOTES:

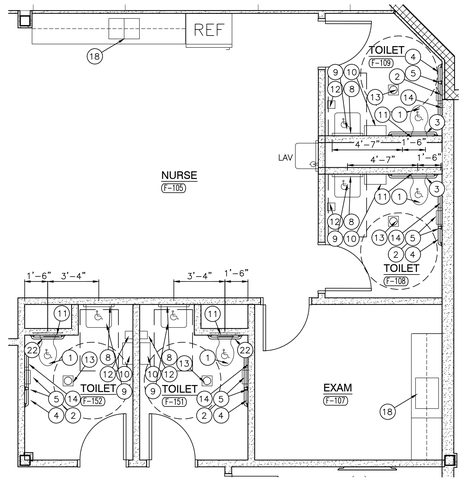
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. ACCESSIBLE FACILITIES. — 1 / A-425
2. TOILET PAPER HOLDER. (OFCI)
3. 3'-0" HANDICAPPED GRAB BAR. — 2 / G-301
4. 3'-6" HANDICAPPED GRAB BAR. — 2 / G-301
5. 18" VERTICAL HANDICAPPED GRAB BAR. — 2 / G-301
6. TOILET PARTITION. — 2 / G-301
7. URINAL SCREEN WALL. — 2 / G-301
8. 2'-0" W x 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40"A.F.F. — 2 / G-301
9. ACCESSIBLE FIXTURE (LAVATORY/URINAL). SEE PLUMBING DRAWINGS. — 2 / G-301
10. PAPER TOWEL DISPENSER. (OFCI) — 2 / G-301
11. 24"x24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F. COORDINATE LOCATION W/ SENSOR HEIGHT. — 2 / G-301
12. SOAP DISPENSER. (OFCI)
13. FLOOR DRAIN. SEE PLUMBING DRAWINGS.
14. FEMININE NAPKIN DISPOSAL.
15. ELECTRIC HAND DRYER
16. 2'-0" x 5'-0" MIRROR BOTTOM @ 1'-4" A.F.F.
17. MOP SINK WITH 30" HIGH STAINLESS STEEL WALL PROTECTION ADHERED TO WALLS LENGTH TO MATCH SLOP SINK. REFER TO PLUMBING DRAWINGS.
18. SINK. SEE PLUMBING DRAWINGS. — 2 / A-307
19. ELECTRIC HAIR DRYER, MOUNTED 48" A.F.F.
20. 15"Wx18"Dx60"H METAL LOCKERS. — 11 / A-501 — AD-3
21. CERAMIC TILE LOCKER BENCH. — 14 / A-501
22. BABY CHANGING TABLE (OFCI) — 3 / A-307
23. SOLID SURFACE SHELF. — 10 / A-501
24. ACCESSIBLE SHOWER — 2 / A-426
25. PROVIDE SHOWER ACCESSORIES PER SPEC.



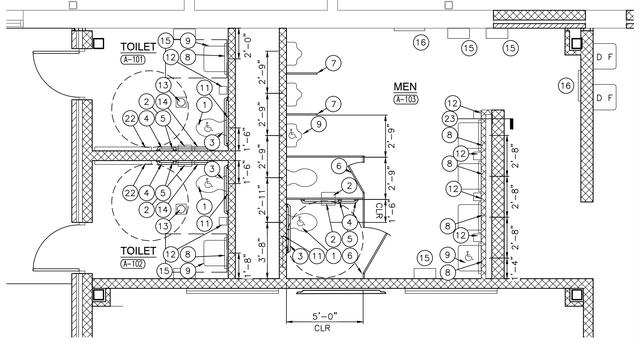
MAIN LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

7
A-425



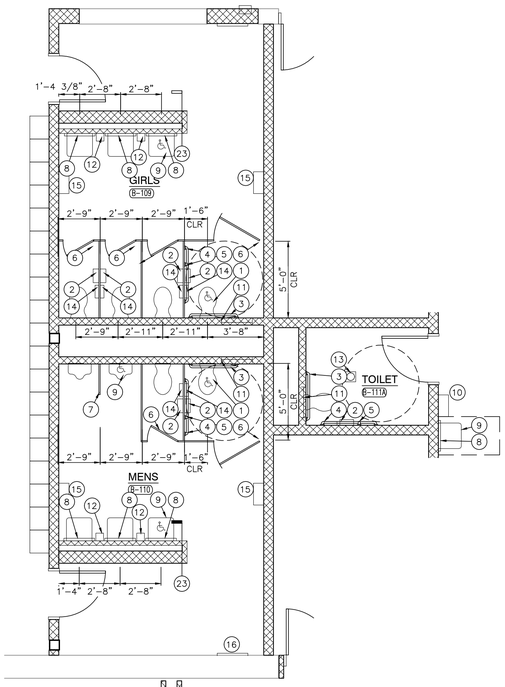
MAIN LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

3
A-425



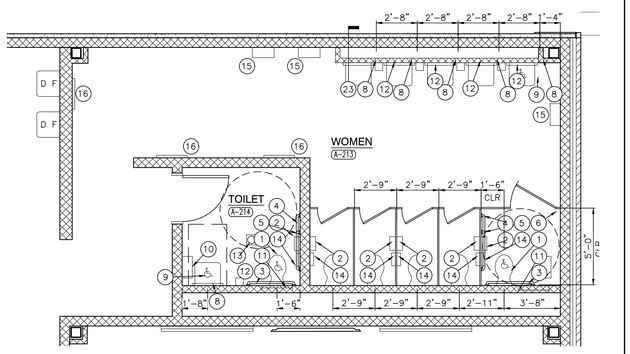
MAIN LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

6
A-425



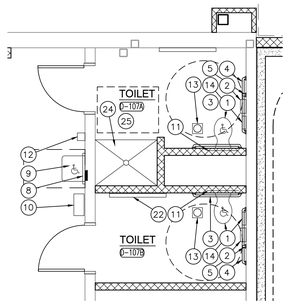
MAIN LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

2
A-425



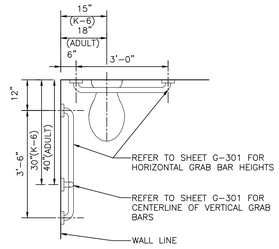
UPPER LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

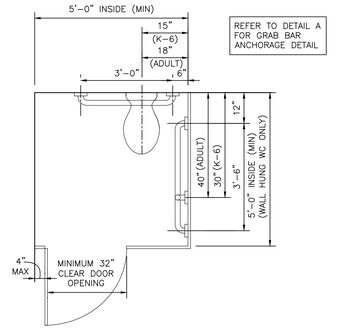
9
A-425



MAIN LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

5
A-425

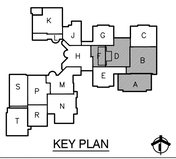




REFER TO DETAIL A FOR GRAB BAR ANCHORAGE DETAIL

ACCESSIBLE FACILITIES
SCALE: 1/2" = 1'-0"

1
A-425



KEY PLAN

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
ENLARGED RESTROOM PLANS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
A-425

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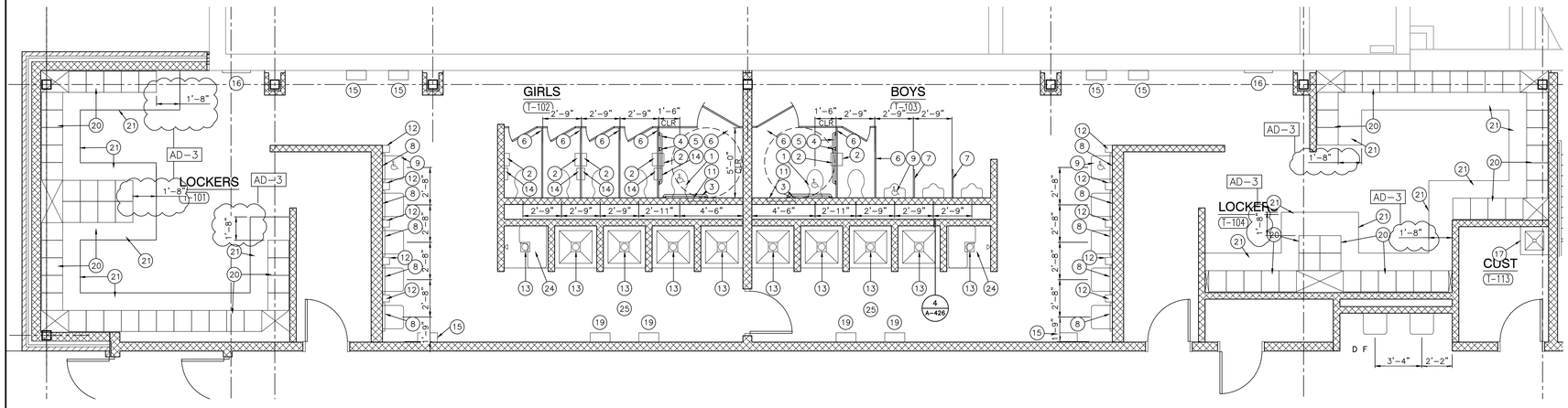


MAIN LEVEL
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

1 / A-426

GENERAL RESTROOM PLAN NOTES:

A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET G-301.

B. DEPTH OF ALL TOILET ENCLOSURES SHALL BE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION UNLESS NOTED OTHERWISE.

C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.

D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.

E. COORDINATE HEIGHT OF GRAB BAR WITH TANK OF FLOOR MOUNTED WATER CLOSET OR FLUSH VALVE OF WALL MOUNTED WATER CLOSET.

F. INSTALL LAVATORIES AND URINALS AT 2'-6" ON CENTER MINIMUM UNLESS NOTED OTHERWISE.

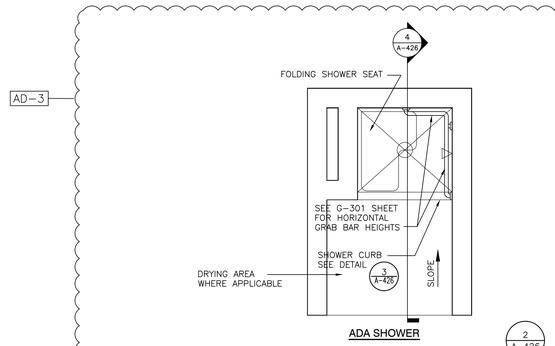
G. WHERE EXISTING PARTITIONS ARE REPLACED AND NEW PARTITION BRACKETS DO NOT COVER OLD MOUNTING HOLES, PATCH HOLE OR REPLACE TILE TO MATCH ADJACENT WALL FINISH.

RESTROOM PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

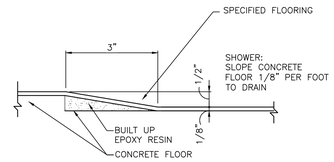
1. ACCESSIBLE FACILITIES. — 1 / A-426
2. TOILET PAPER HOLDER. (OFCI)
3. 3'-0" HANDICAPPED GRAB BAR. — 2 / G-301
4. 3'-6" HANDICAPPED GRAB BAR. — 2 / G-301
5. 18" VERTICAL HANDICAPPED GRAB BAR. — 2 / G-301
6. TOILET PARTITION. — 2 / G-301
7. URINAL SCREEN WALL. — 2 / G-301
8. 2'-0" W x 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40"A.F.F. — 2 / G-301
9. ACCESSIBLE FIXTURE (LAVATORY/URINAL). SEE PLUMBING DRAWINGS. — 2 / G-301
10. PAPER TOWEL DISPENSER. (OFCI) — 2 / G-301
11. 24"x24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F. COORDINATE LOCATION W/ SENSOR HEIGHT. — 2 / G-301
12. SOAP DISPENSER. (OFCI)
13. FLOOR DRAIN. SEE PLUMBING DRAWINGS.
14. FEMININE NAPKIN DISPOSAL.
15. ELECTRIC HAND DRYER
16. 2'-0" x 5'-0" MIRROR BOTTOM @ 1'-4" A.F.F.
17. MOP SINK WITH 30" HIGH STAINLESS STEEL WALL PROTECTION ADHERED TO WALLS LENGTH TO MATCH SLOP SINK. REFER TO PLUMBING DRAWINGS.
18. SINK. SEE PLUMBING DRAWINGS. — 2 / A-501
19. ELECTRIC HAIR DRYER, MOUNTED 48" A.F.F.
20. 15"Wx18"Dx60"H METAL LOCKERS. — 11 / A-501
21. CERAMIC TILE LOCKER BENCH. — 14 / A-501
22. BABY CHANGING TABLE (OFCI) — 3 / A-301
23. SOLID SURFACE SHELF — 10 / A-501
24. ACCESSIBLE SHOWER — 2 / A-426
25. PROVIDE SHOWER ACCESSORIES PER SPEC.

(16, 17, 18, 19, 20, 21, 22, 23, 24, 25) — AD-3



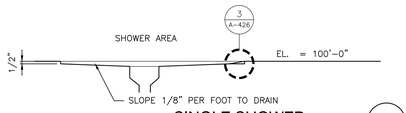
ADA SHOWER

2 / A-426



SHOWER CURB DETAIL
SCALE: 6" = 1'-0"

2 / A-426



SINGLE SHOWER
SCALE: 1" = 1'-0"

4 / A-426

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

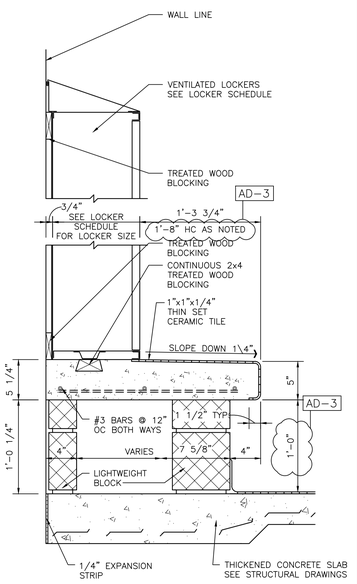
DRAWING
ENLARGED LOCKER ROOM PLANS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET
A-426

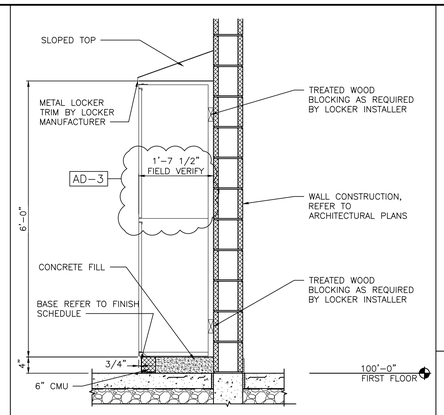
Thursday, 11/4/2021 - 1:56 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-426.DWG



CERAMIC TILE LOCKER BENCH

SCALE: 1 1/2" = 1'-0"

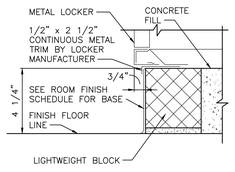
14 A-501



WALL SECTION

SCALE: 3/4" = 1'-0"

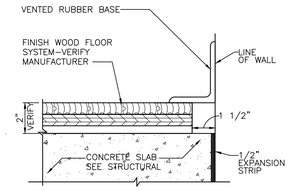
13 A-501



LOCKER DETAIL A

SCALE: 3" = 1'-0"

12 A-501



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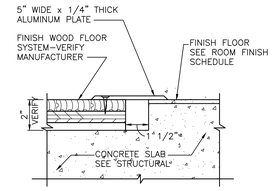
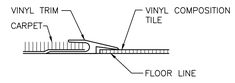


FLOOR TRANSITION

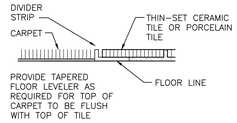
TYPICAL FLOOR TRANSITION DETAILS

SCALE: 3" = 1'-0"

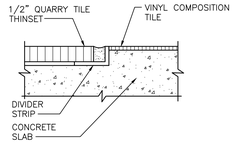
7 A-501



CARPET TO VINYL



CARPET TO CERAMIC TILE

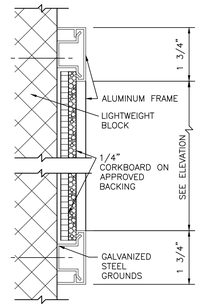


QUARRY TILE TO EXISTING

FLOOR TRANSITION DETAILS

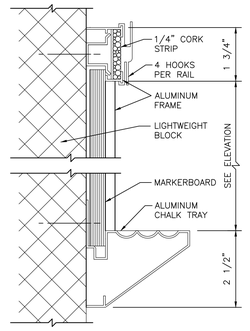
SCALE: 6" = 1'-0"

6 A-501



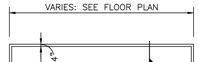
SECTION B

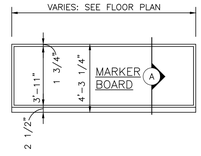
SCALE: 6" = 1'-0"



SECTION "A"

SCALE: 6" = 1'-0"



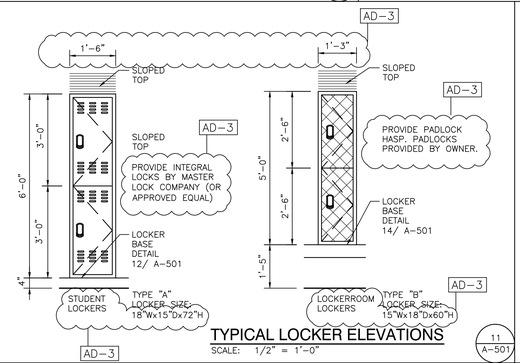


NOTES:
1. SEE FLOOR PLANS FOR LOCATION.
2. SEE FINISH PLANS FOR WALL FINISH.
3. MOUNTING HEIGHT AS DIRECTED BY ARCHITECT.

MARKER/ CORK BOARD ELEVATIONS

SCALE: 1/4" = 1'-0"

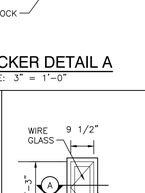
2 A-501



TYPICAL LOCKER ELEVATIONS

SCALE: 1/2" = 1'-0"

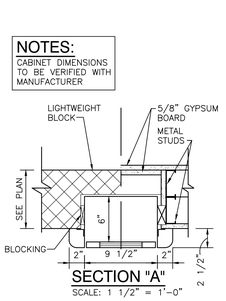
11 A-501



ELEVATION

NOT TO SCALE

NOTES:
CABINET DIMENSIONS TO BE VERIFIED WITH MANUFACTURER



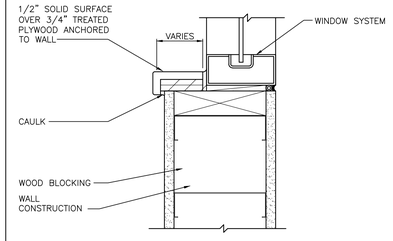
SECTION "A"

SCALE: 1 1/2" = 1'-0"

SEMI-RECESSED FIRE EXTINGUISHER CABINET

SCALE: 1 1/2" = 1'-0"

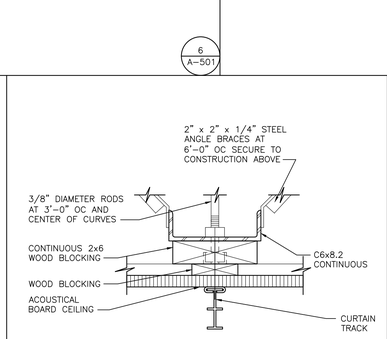
9 A-501



SILL DETAIL

SCALE: 3" = 1'-0"

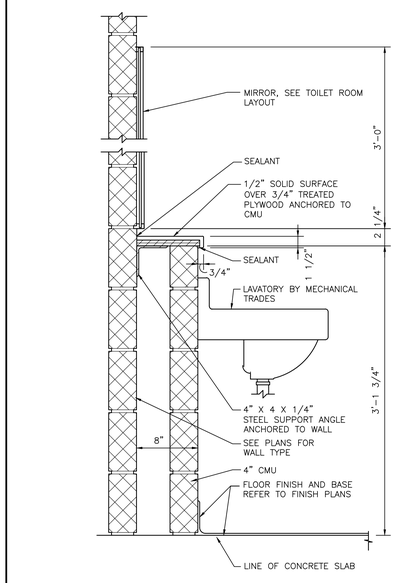
8 A-501



CUBICAL CURTAIN TRACK DETAIL

SCALE: 3" = 1'-0"

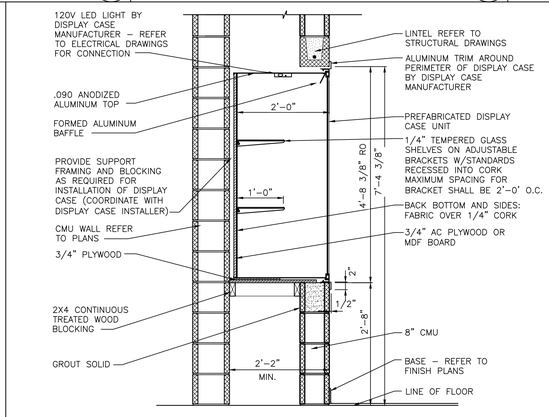
5 A-501



SOLID SURFACE SHELF

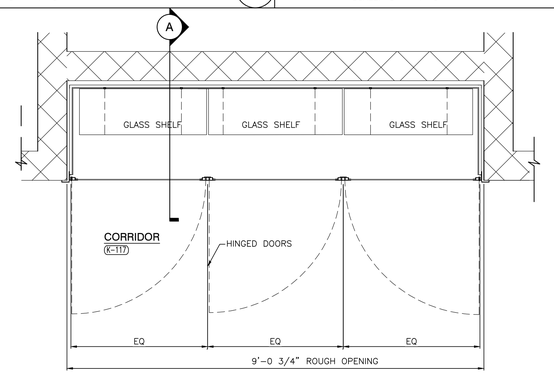
SCALE: 1 1/2" = 1'-0"

10 A-501



SECTION "A"

SCALE: 3/4" = 1'-0"

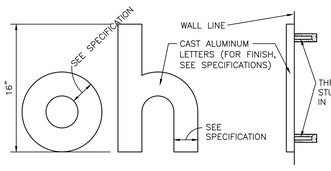


PLAN

DISPLAY CASE DETAILS

SCALE: 3/4" = 1'-0"

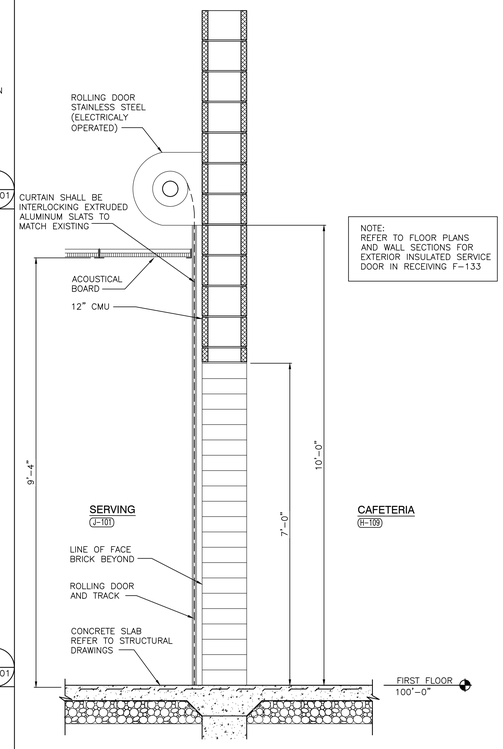
4 A-501



ALUMINUM LETTER DETAIL

SCALE: 1 1/2" = 1'-0"

3 A-501



4 LOCATIONS

CAFETERIA/ SERVING ROLLING SERVICE DOOR

SCALE: 3/4" = 1'-0"

1 A-501

GIBRALTAR
DESIGN
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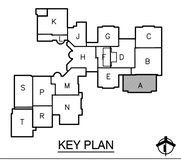
PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY GWT
DRAWN BY MMM GWT
CHECKED BY GWT

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
TYPICAL DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
A-501

Wednesday, 11/3/2021 – 6:22 PM – LAST SAVED BY:EMCAULEY
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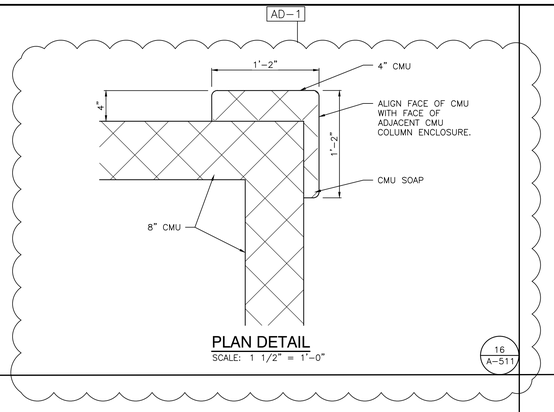
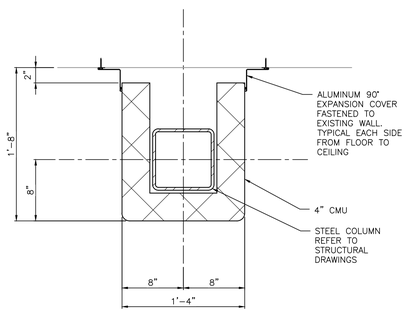


PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

16 / A-511



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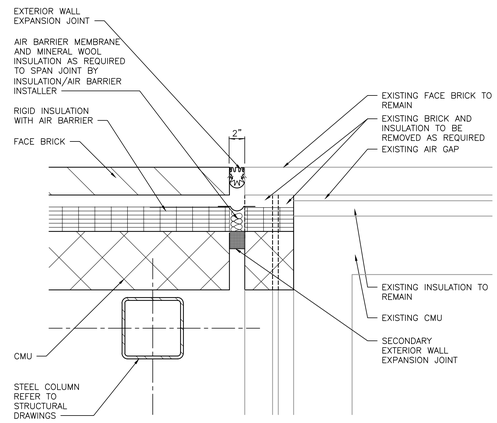
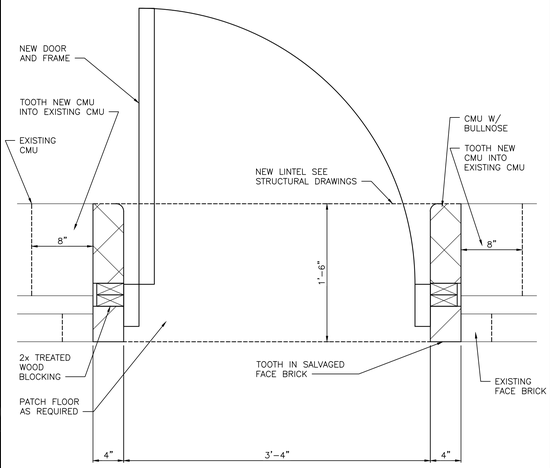
11 / A-511



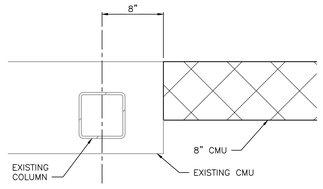
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

7 / A-511



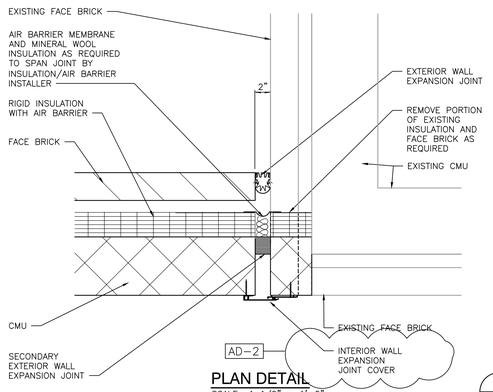
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

3 / A-511



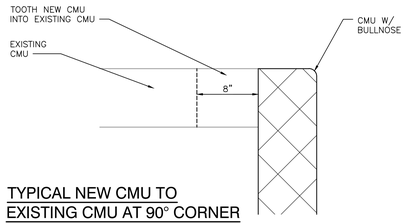
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

15 / A-511



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

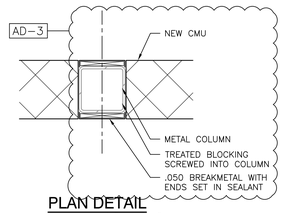
10 / A-511



TYPICAL NEW CMU TO EXISTING CMU AT 90° CORNER

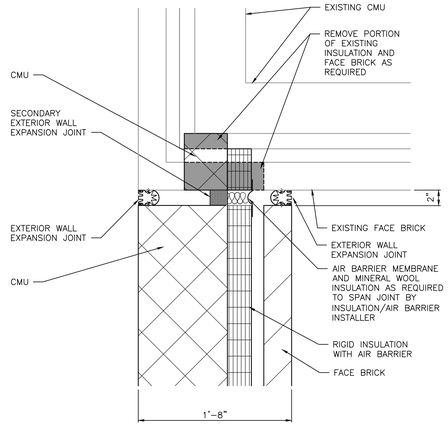
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

6 / A-511



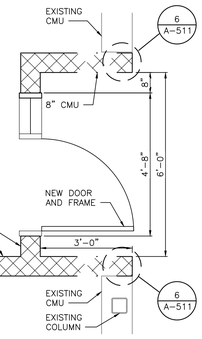
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

14 / A-511



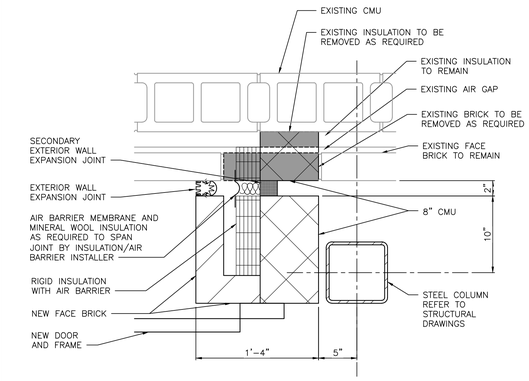
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

9 / A-511



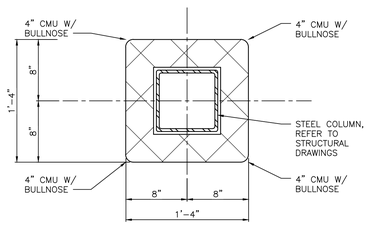
ROOM ENTRY DETAIL
SCALE: 1/2" = 1'-0"

5 / A-511



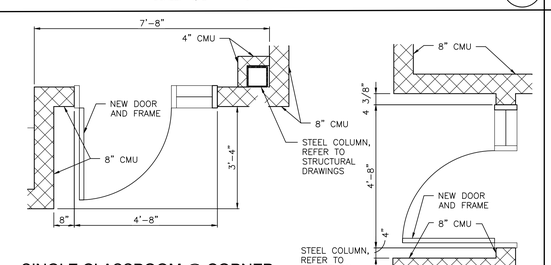
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

2 / A-511



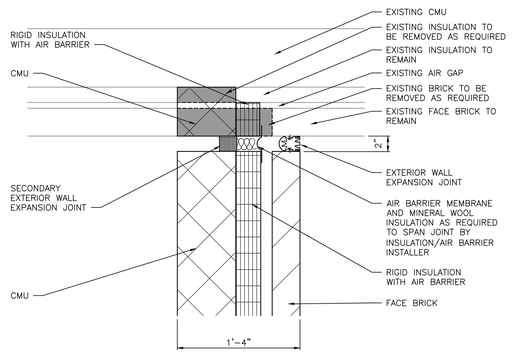
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

13 / A-511



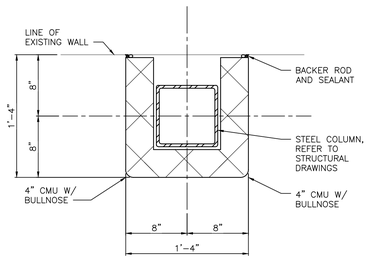
CLASSROOM ENTRY DETAILS
SCALE: 1/2" = 1'-0"

4 / A-511



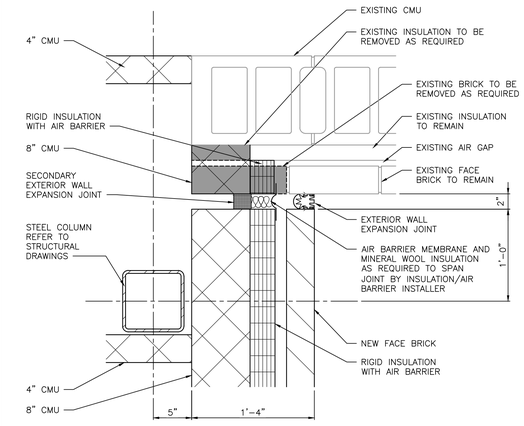
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

8 / A-511



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

12 / A-511



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

1 / A-511

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS
REGISTERED
NO. 11600109
STATE OF INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
ENLARGED PLAN DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET
A-511

Thursday, 11/4/2021 - 11:20 AM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-511.DWG

GENERAL DOOR NOTES

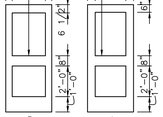
A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAILS ON SHEET A-610.
G. FOR ELECTRICAL ROUGH-IN AT DOORS REFER TO SHEET A-620.
H. FOR HOLLOW METAL (HM) FRAME ELEVATIONS AND PROFILES REFER TO SHEET A-610.
I. FOR ALUMINUM STOREFRONT AND CURTAINWALL ELEVATIONS REFER TO SHEETS A-620 AND A-621.
K. GLASS NOTED IN SIDELIGHT COLUMN FOR STOREFRONT WITH NO DOOR APPLIES TO ALL OPENINGS IN FRAME UNLESS NOTED OTHERWISE.
L. REFER TO FLOOR PLANS FOR LOCATIONS OF NEW AND EXISTING ADA PUSH PADS FOR POWER ASSISTED OPERATORS.

DOOR SCHEDULE NOTES (REMARKS):

1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.
2. DOOR TO BE CONTROLLED BY CARD READER/FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.
3. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAF OF DOUBLE DOORS.
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
5. KEYED REMOVABLE MULLION.
6. EXISTING DOOR TO RECEIVE NEW HARDWARE.
7. PROVIDE SOUND SEAL.
8. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH.
9. PROVIDE DOOR RELEASE ON AI PHONE LOCATED AT RECEPTION DESK.
10. ALTERNATE
11. NEW THRESHOLD FOR EXISTING OVERHEAD DOOR.

GLASS SCHEDULE

MK	GLASS TYPES	MK	GLASS TYPES
A	1/4" TEMPERED (CLEAR)	F	1/2" OR 5/8" ACOUSTIC LAMINATED SAFETY GLASS
B	1" INSUL. GLASS (TINTED)	G	1/2" LAMINATED SAFETY GLASS (ONE WAY MIRROR TINT)
C	1" INSUL. GLASS (CLEAR)	H	OUTER LAYER TYPE "F", 1/2" SEALED AIR SPACE, AND INNER LAYER TYPE "F" (SINGLE UNIT = CLEAR)
D	1" INSUL. SPANDREL GLASS (TINTED)	T	1" INSUL. TRANSLUCENT GLASS (TINTED)
E	1/4" LAMINATED SAFETY GLASS (CLEAR)		



LOUVER SCHEDULE

MK	LOUVER SIZE

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MAT'L	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-01A	SF 01	3	PR 38 x 86	AL		A		A	AL	4 1/2"	SF1				
A-02A	SF 01	3	PR 38 x 86	AL		A		A	AL	4 1/2"	SF1				
A-101A	SF FRP	1	36 x 86	FRP					AL	4 1/2"	SF4				
A-102A	SF FRP	1	36 x 86	FRP					AL	4 1/2"	SF4				
A-104A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-105A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-106A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-107A	SF 01	3	PR 38 x 86	AL		B		B	AL	4 1/2"	SF1				
A-108A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-109A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-110A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-111A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-112A	SF 01	3	PR 38 x 86	AL		B		B	AL	4 1/2"	SF1				
A-113A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-114A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-115A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-117A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
A-122A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-123A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-124A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-125A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-126A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-127A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-128A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
A-129A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
B-01A	SINGLE	1	36 x 84	WD			AD-1		HM	8 3/4"	C				1 HR
B-101A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-101B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
B-101C	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-102A	SINGLE	1	36 x 84	WD			AD-1		HM	8 3/4"	C				
B-103A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-104A	SF3 2	1	PR 36 x 84	AL		E		E	AL	4 1/2"	SF3				
B-104B	SINGLE	1	36 x 84	WD			AD-3		HM	8 3/4"	A				
B-104C	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-105A	DOUBLE	1	PR 36 x 84	WD						8 3/4"	H				
B-106A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
B-106B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
B-109A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-110A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-111A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
B-111AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-112A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
B-112B	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-112C	--	--	--	--			G		HM	8 3/4"	Y				
B-113A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-114A	DOUBLE	1	PR 38 x 84	WD			AD-1		HM	8 3/4"	H				
B-115A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				1 HR
B-115B	--	--	--	--			E		HM	8 3/4"	L				
B-115C	--	--	--	--			E		HM	8 3/4"	L				
B-116A	SINGLE	1	36 x 84	WD			AD-1		HM	8 3/4"	C				1 HR
B-116B	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-121A	PAIR 1HR	1	PR 42 x 84	WD					HM	8 3/4"	H				1 HR
B-123A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				1 HR
B-130A	EXISTING	1	32 x 84	WD						0"	–				REFINISH
B-131A	EXISTING	1	32 x 84	WD						0"	–				REFINISH
B-132A	EXISTING	1	PR 38 x 84	WD			AD-1			5"	–				REFINISH
B-132B	EXISTING	1	36 x 84	WD						0"	–				REFINISH
B-133A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
B-135A	SINGLE	1	42 x 84	WD					HM	8 3/4"	C				ACOUSTIC
C-104A	SF FRP	1	36 x 86	FRP					AL	4 1/2"	SF4				
D-101A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-102A	SINGLE	2	36 x 84	WD					HM	8 3/4"	C				
D-102AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-102AB	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-102BA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MAT'L	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
D-102BB	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-103A	SINGLE	2	36 x 84	WD					HM	8 3/4"	C				
D-104A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-104B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-104C	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-105A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
D-106A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-106B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-107AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-107BA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-107CA	SINGLE	2	36 x 84	WD					HM	8 3/4"	C				
D-108A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-109A	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-110A	SINGLE	2	36 x 84	WD					HM	8 3/4"	C				
D-110AB	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				DUTCH DOOR
D-110B	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-110C	--	--	--	--			F		HM	8 3/4"	T				
D-110D	--	--	--	--			F		HM	8 3/4"	T				
D-110E	--	--	--	--			F		HM	8 3/4"	T				
D-111A	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-111B	--	--	--	--			F		HM	8 3/4"	CC				
D-111C	--	--	--	--			F		HM	8 3/4"	T				
D-112A	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-112B	--	--	--	--			F		HM	8 3/4"	CC				
D-113A	SINGLE	1	48 x 84	WD					HM	8 3/4"	AA				ACOUSTIC DOUBLE
D-113AA	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-113AB	--	--	--	--			F		HM	8 3/4"	CC				
D-113B	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	BB				ACOUSTIC
D-113C	--	--	--	--			H		HM	8 3/4"	DD				
D-113D	--	--	--	--			H		HM	8 3/4"	EE				
D-114A	SINGLE	2	40 x 84	WD		A			HM	8 3/4"	C				
D-116A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-117A	SF3 2	1	PR 36 x 84	AL		E		E	AL	4 1/2"	SF3				
D-117B	EXISTING	1	PR 38 x 84	WD						5"	–				REFINISH
D-117C	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-118A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-119A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-120A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-121A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-128A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
D-130A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
E-123A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
E-123AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
E-123B	EXISTING	1	36 x 84	WD						0"	–				REFINISH
F-101A	DOUBLE	4	PR 36 x 84	WD		A	A		HM	8 3/4"	N				
F-102A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-102B	--	--	--	--			A		HM	5 3/4"	K				
F-103A	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-103B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	A				
F-104A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-104B	--	--	--	--			A		HM	5 3/4"	K				
F-104C	--	--	--	--			A		HM	5 3/4"	K				
F-106A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-107A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-108A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-109A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-110A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-110B	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-111A	2 BIFOLD	1	4 @ 18 x 84	WD					HM	5 3/4"	F				
F-112A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-113A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-114A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-115A	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	D				
F-116A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-117A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MAT'L	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
F-118A	BIFOLD	1	PR 24 x 84	WD					HM	5 3/4"	G				
F-119A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-120A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-121A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-122A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-123A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-124A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-125A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-126A	SINGLE	4	36 x 84	WD		A	A		HM	8 3/4"	M				
F-127A	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-130A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-131A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-132A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-133A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-134A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-135A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-136A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-137A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-138A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-139A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-140A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-140B	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-142A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-143A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-144A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-145A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-146A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-147A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-148A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-149A	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-150A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-151A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-152A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
H-121A	DOUBLE	1	PR 36 x 84	WD					HM	8 3/4"	H				
H-122A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
J-128A	SF FRP2	1	PR 48 x 94	FRP						4 1/2"	SF4				
K-110A	SF2 DBL	3	PR 38 x 86	AL		C		C	AL	4 1/2"	SF2				
K-111A	SF2 DBL	3	PR 38 x 86	AL		A		A	AL	4 1/2"	SF2				
K-112A	DOUBLE	2	PR 36 x 84	WD					HM	8 3/4"	H				
K-113A	SF 01	1	PR 38 x 84	FRP					AL	4 1/2"	SF1				
K-114A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
K-114B	DOUBLE	1	PR 36 x 84	WD					HM	8 3/4"	H				
L-113A	SF5	3	44 x 86, 24 x 86	AL		B		B	AL	4 1/2"	SF5				
M-137A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
M-137B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
M-138A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
S-101A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	E				
T-02A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-101A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-102A	SF FRP	1	36 x 84	FRP					AL	4 1/2"	SF4				
T-104A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-105A	SF3 1	3	36 x 86	AL		C		C	AL	4 1/2"	SF3				
T-105B	SF3 2	3	PR 36 x 86	AL		C		C	AL	4 1/2"	SF3				
T-106A	SF3 1	3	36 x 86	AL		A		A	AL	4 1/2"	SF3				
T-106B	SF3 2	3	PR 36 x 86	AL		A		A	AL	4 1/2"	SF3				
T-107A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-109A	DOUBLE	4	PR 36 x 84	WD			E		HM	8 3/4"	H				
T-109B	--	--	--	--			E		HM	8 3/4"	L				
T-109C	--	--	--	--			E		HM	8 3/4"	L				
T-110A	DOUBLE	1	PR 40 x 84	WD					HM	8 3/4"	H				
T-111A	DOUBLE	4	PR 36 x 84	WD		E		E	HM	8 3/4"	P				
T-111B	SF 01	2	PR 38 x 86	FRP		B		B	AL	4 1/2"	SF1				
T-111C	DOUBLE	2	PR 38 x 84	HM		E		E	HM	8 3/4"	FF				PAINT
T-112A	DOUBLE	1	PR 38 x 84	WD					HM	8 3/4"	H				
T-113A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY TA DBu
DRAWN BY DBu
CHECKED BY DBI DBu

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
DOOR AND FRAME SCHEDULE

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET
A-601

Thursday, 11/4/2021 - 7:44 AM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-601.DWG

GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.
G. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAILS ON SHEET A-610.
H. FOR ELECTRICAL ROUGH-IN AT DOORS REFER TO SHEET A-620. (AD-1)
I. FOR HOLLOW METAL (HM) FRAME ELEVATIONS AND PROFILES REFER TO SHEET A-610.
J. FOR ALUMINUM-STOREFRONT AND CURTAINWALL ELEVATIONS, REFER TO SHEETS A-620 AND A-621.
K. GLASS NOTED IN SIDELIGHT COLUMN FOR STOREFRONT WITH NO DOOR APPLIES TO ALL OPENINGS IN FRAME UNLESS NOTED OTHERWISE.
L. REFER TO FLOOR PLANS FOR LOCATIONS OF NEW AND EXISTING ADA PUSH PADS FOR POWER ASSISTED OPERATORS.

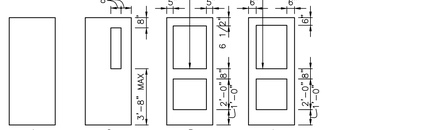
DOOR SCHEDULE NOTES (REMARKS):

1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.
2. DOOR TO BE CONTROLLED BY CARD READER/FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.
3. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAF OF DOUBLE DOORS.
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
5. KEYED REMOVABLE MULLION.
6. EXISTING DOOR TO RECEIVE NEW HARDWARE.
7. PROVIDE SOUND SEAL.
8. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH.
9. PROVIDE DOOR RELEASE ON AI PHONE LOCATED AT RECEPTION DESK.
10. ALTERNATE
11. NEW THRESHOLD FOR EXISTING OVERHEAD DOOR.

GLASS SCHEDULE

MK	GLASS TYPES
A	1/4" TEMPERED (CLEAR)
B	1" INSUL. GLASS (TINTED)
C	1" INSUL. GLASS (CLEAR)
D	1" INSUL. SPANDREL GLASS (TINTED)
E	1/4" LAMINATED SAFETY GLASS (CLEAR)
F	1/2" OR 5/8" ACOUSTIC LAMINATED SAFETY GLASS
G	1/2" LAMINATED SAFETY GLASS (ONE WAY MIRROR TINT)
H	OUTER LAYER TYPE "F", 1/2" SEALED AIR SPACE, AND INNER LAYER TYPE "F" (SINGLE UNIT – CLEAR)
T	1" INSUL. TRANSLUCENT GLASS (TINTED)

(AD-1) (AD-3)



LOUVER SCHEDULE

MK	LOUVER SIZE

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	DOOR TYPE	DOOR SIZE (WxH) (INCHES)	DOOR MATERIAL	GLASS LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-01B	DOUBLE	4	PR 38 x 84	HM		E			HM	8 3/4"	H				
A-02B	DOUBLE	4	PR 38 x 84	HM		E			HM	8 3/4"	H				
A-03A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
A-202A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
A-203A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-204A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-205A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-206A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-207A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-208A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-209A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-210A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-211A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-212A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-214A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
A-216A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-216B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-217A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-217B	SINGLE	1	36 x 84	WD					HM	8 3/4"	S				
A-218A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-218B	SINGLE	1	36 x 84	WD					HM	8 3/4"	J				
A-219A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-219B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-220A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-220E	SINGLE	1	36 x 84	WD					HM	8 3/4"	J				
A-221A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-221B	SINGLE	1	36 x 84	WD					HM	8 3/4"	S				
B-214A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-216A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-217A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
B-218A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
B-219A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-218A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-219A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-220A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-222A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-222AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-222B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-222BA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-222C	--	--	--	--		A			HM	8 3/4"	X				
D-222D	--	--	--	--		A			HM	8 3/4"	X				
D-227A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-228A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-229A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
F-202A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
F-202B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
F-209A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
F-209B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
T-201A	SF FRP2	1	PR 36 x 86	FRP					AL	4 1/2"	SF4				

(AD-1) (AD-1) (AD-1) (AD-1) (AD-1) (AD-1) (AD-3)

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	DOOR TYPE	DOOR SIZE (WxH) (INCHES)	DOOR MATERIAL	GLASS LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-301A	SF FRP2	1	PR 36 x 86	FRP						4 1/2"	SF4				

(AD-3) (AD-3)

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY TA DBu
DRAWN BY DBu PD
CHECKED BY DBI DBu

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

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AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
DOOR AND FRAME SCHEDULE, PROFILES, ELEVATIONS, AND DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
A-602

Thursday, 11/4/2021 - 7:45 AM - LAST SAVED BY:EMCCAULEY
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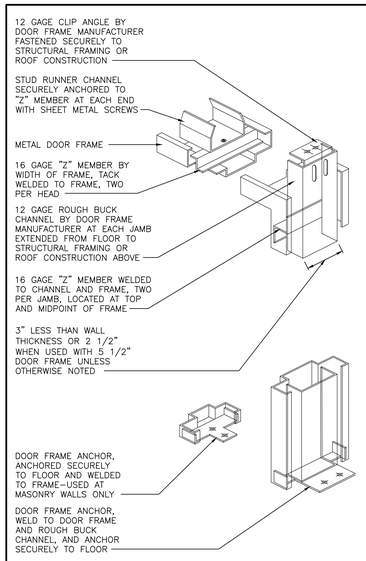

TYPICAL HEAD & JAMB ANCHORAGE

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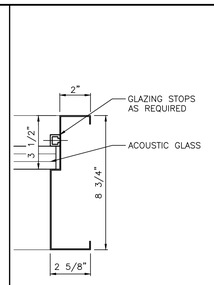
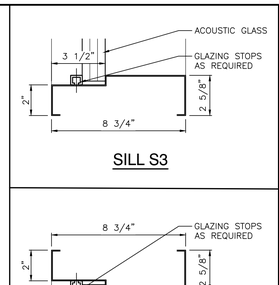


JAMB J3



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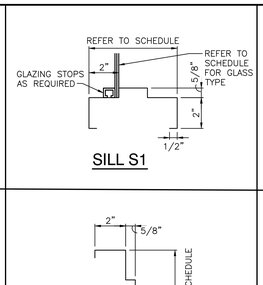

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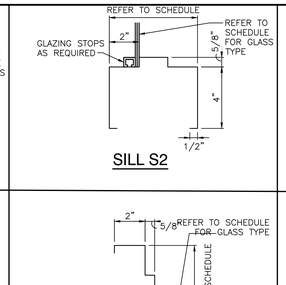

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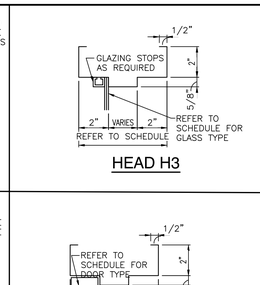

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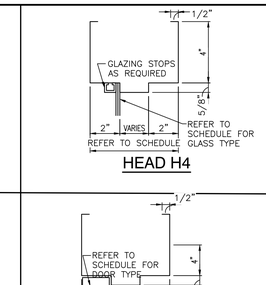

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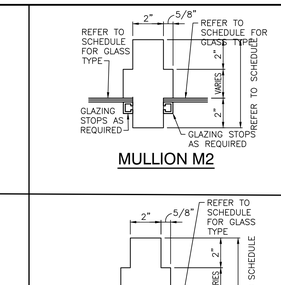

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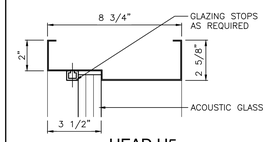

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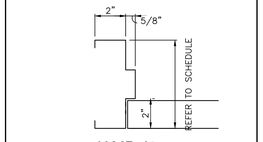

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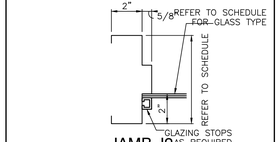

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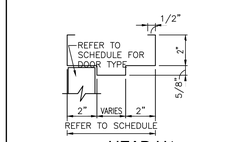

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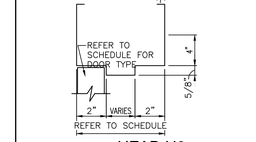

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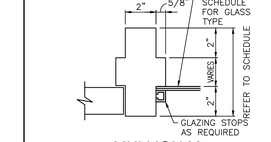
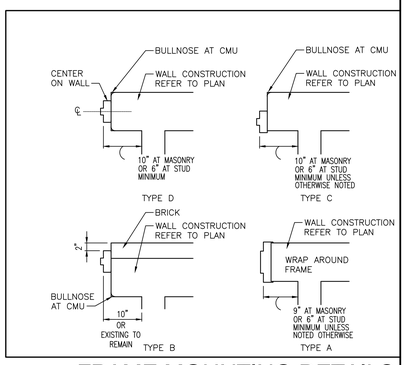


MULLION M1

HOLLOW METAL FRAME DETAILS

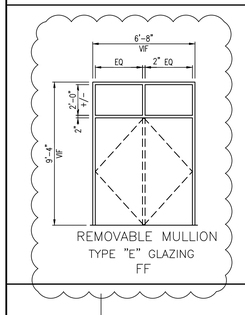
GLASS SCHEDULE			
MK	GLASS TYPES	MK	GLASS TYPES
A	1/4" TEMPERED (CLEAR)	F	1/2" OR 5/8" ACOUSTIC LAMINATED SAFETY GLASS
B	1" INSUL. GLASS (TINTED)	G	1/2" LAMINATED SAFETY GLASS (ONE WAY MIRROR TINT)
C	1" INSUL. GLASS (CLEAR)	H	OUTER LAYER TYPE "F", 1/2" SEALED AIR SPACE, AND INNER LAYER TYPE "F" (SINGLE UNIT – CLEAR)
D	1" INSUL. SPANDREL GLASS (TINTED)	T	1" INSUL. TRANSLUCENT GLASS (TINTED)
E	1/4" LAMINATED SAFETY GLASS (CLEAR)		

AD–3



FRAME MOUNTING DETAILS

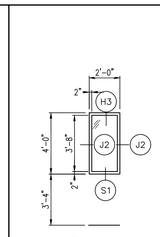
SCALE: NTS



REMOVABLE MULLION TYPE "E" GLAZING

FF

AD–1



TYPE "F" GLAZING

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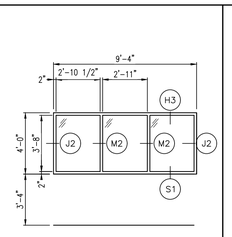

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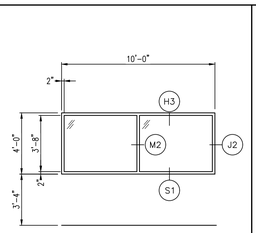

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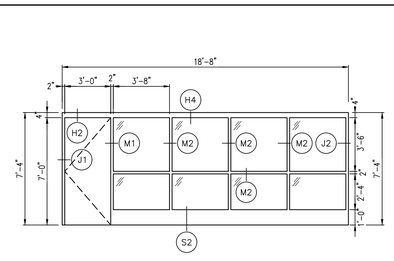

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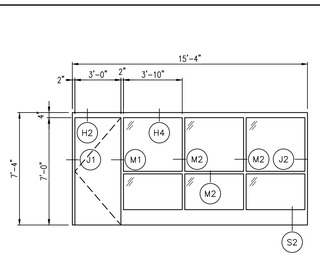

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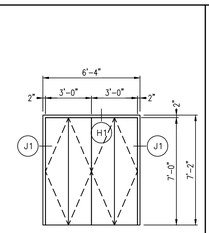

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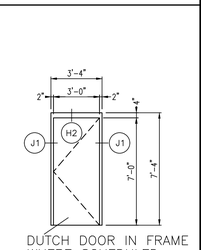
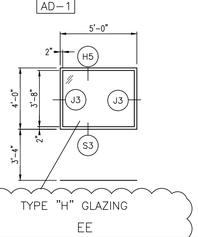


DUTCH DOOR IN FRAME WHERE SCHEDULED

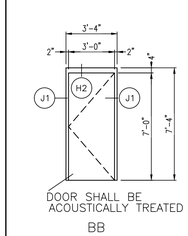
C

AD–1



TYPE "H" GLAZING

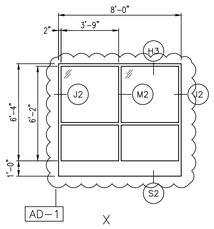
EE



DOOR SHALL BE ACOUSTICALLY TREATED

BB

AD–1



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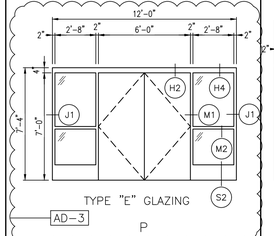
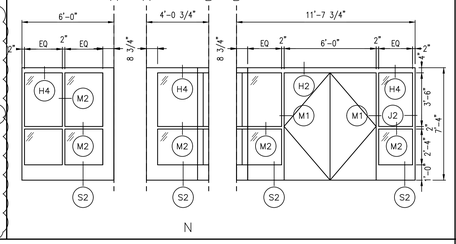


TYPE "E" GLAZING

P

AD–3



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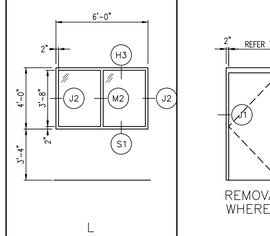

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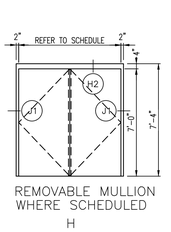
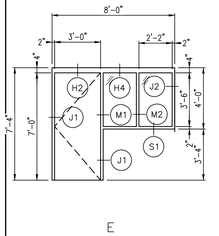


REMOVABLE MULLION WHERE SCHEDULED

H



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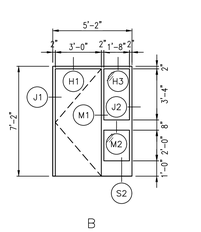

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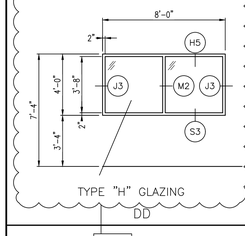
AD–1



TYPE "H" GLAZING

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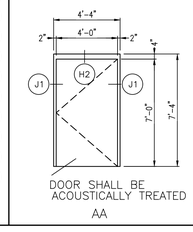
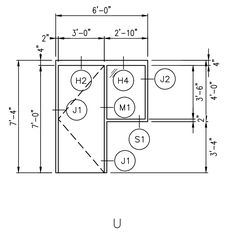


DOOR SHALL BE ACOUSTICALLY TREATED

AA



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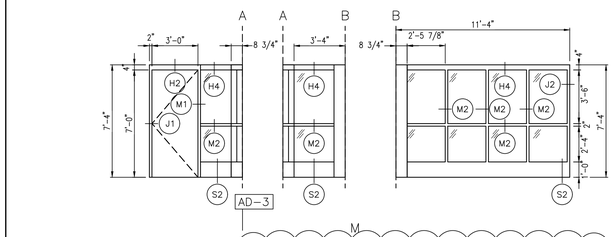

AD–3

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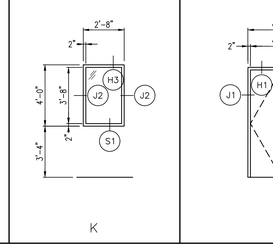

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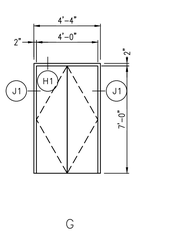

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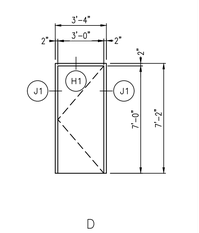

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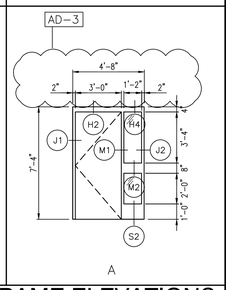
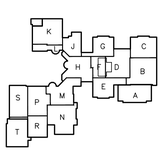


A

NOTE:
ALL GLAZING TO BE TYPE "A" UNLESS SCHEDULED OTHERWISE

HOLLOW METAL FRAME ELEVATIONS

SCALE: 1/4" = 1'-0"



GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21–111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY NJW
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED ARCHITECT NO. 11600109 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1
AD–3	11/4/21	ADDENDUM NO. 3

DRAWING
HOLLOW METAL ELEVATIONS AND DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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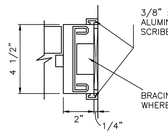
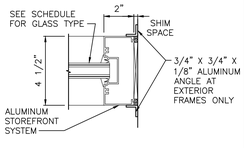
SHEET
A-610

Tuesday, 11/2/2021 – 8:19 AM – LAST SAVED BY:EMCCAULEY
Y:\21–111 CROWN POINT CSC – CROWN POINT HIGH SCHOOL\21–111 DRAWINGS\05 ARCH\A–610.DWG



JAMB J1



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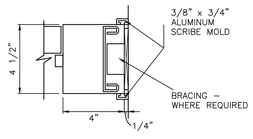

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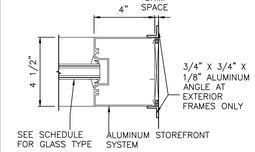

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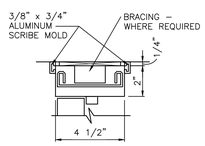
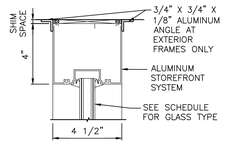


HEAD H1



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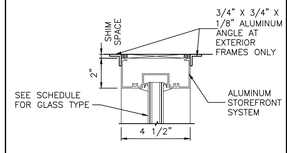

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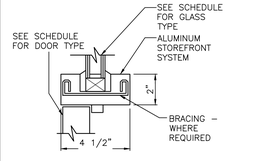
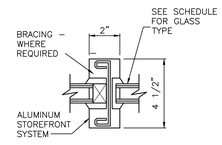


MULLION M1



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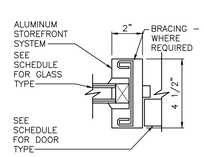

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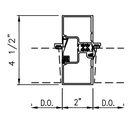

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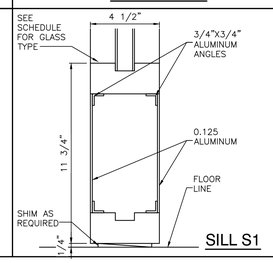
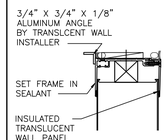


SILL S1

STOREFRONT FRAME DETAILS

SCALE: 3" = 1'-0"



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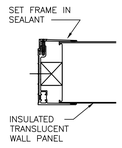

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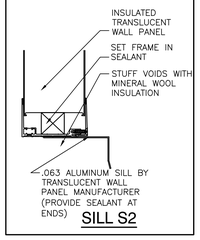
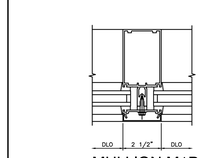


SILL S2

TRANSLUCENT WALL PANEL SYSTEM FRAME DETAILS

SCALE: 3" = 1'-0"



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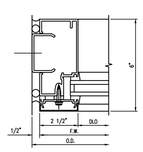

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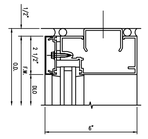

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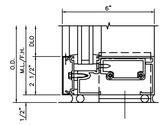
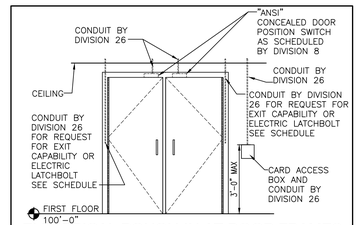


SILL S1B

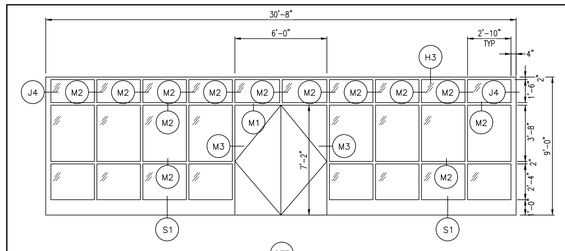
CURTAIN WALL FRAME DETAILS

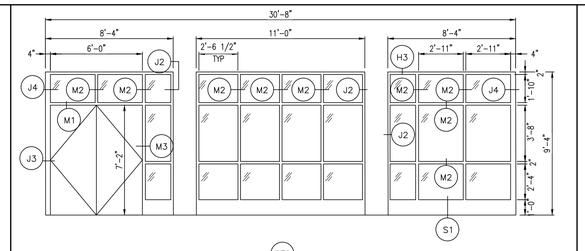
SCALE: 3" = 1'-0"

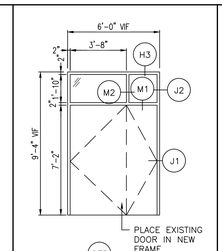


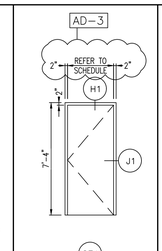
ELECTRICAL ROUGH-IN AT DOOR FRAMES

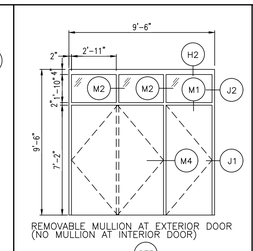
SCALE: NTS

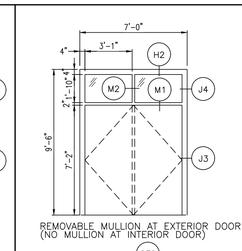


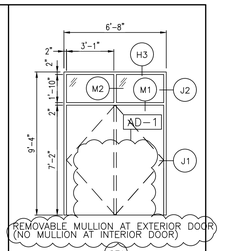












NOTE: ALL EXTERIOR FRAMES TO BE THERMALLY BROKEN
ALL EXTERIOR FRAMES TO HAVE TYPE "C" GLAZING
ALL INTERIOR FRAMES TO HAVE TYPE "A" GLAZING

STORE FRONT ELEVATIONS

SCALE: 1/4" = 1'-0"

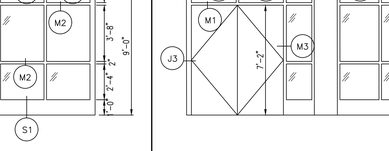
NOTES - ALUMINUM FRAMING

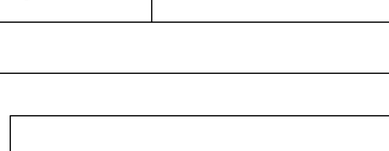
1. CURTAINWALL AND STOREFRONT HEAD, JAMB AND SILL DETAILS REFER TO SECTION FRAME PROFILES ON SHEET A-620.
2. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL STOREFRONT FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR STOREFRONT FRAMING.
4. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
5. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
6. REFER TO DOOR AND FRAME SCHEDULE FOR GLASS SCHEDULE.
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
8. "T" = TEMPERED SAFETY GLAZING UNLESS OTHERWISE INDICATED.

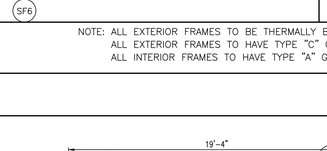
GLASS SCHEDULE

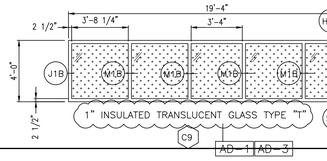
MK	GLASS TYPES	MK	GLASS TYPES
A	1/4" TEMPERED (CLEAR)	F	1/2" OR 5/8" ACOUSTIC LAMINATED SAFETY GLASS
B	1" INSUL. GLASS (TINTED)	G	1/2" LAMINATED SAFETY GLASS (ONE WAY MIRROR TINT)
C	1" INSUL. GLASS (CLEAR)	H	OUTER LAYER TYPE "F", 1/2" SEALED AIR SPACE, AND INNER LAYER TYPE "F" (SINGLE UNIT – CLEAR)
D	1" INSUL. SPANDREL GLASS (TINTED)	T	1" INSUL. TRANSLUCENT GLASS (TINTED)
E	1/4" LAMINATED SAFETY GLASS (CLEAR)		

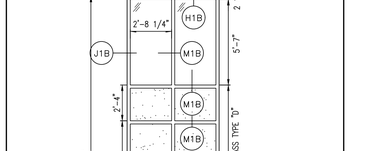
AD-1 AD-3











NOTE:
ALL EXTERIOR GLAZING TO BE TYPE "B" UNLESS NOTED OTHERWISE

CURTAIN WALL ELEVATIONS

SCALE: 1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY NJW
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
CURTAIN WALL AND STOREFRONT ELEVATIONS AND DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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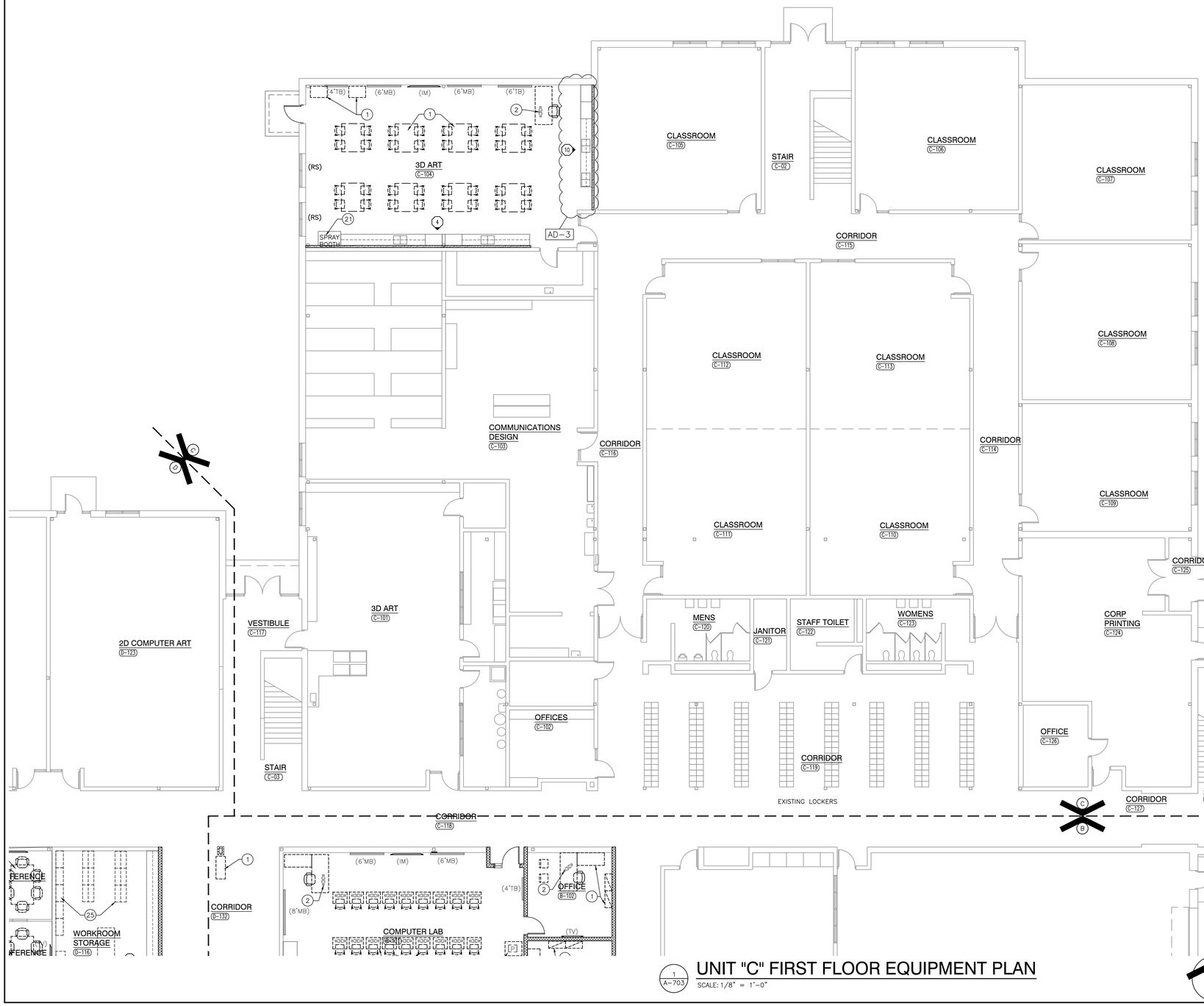
A-620

Tuesday, 11/2/2021 – 7:24 AM – LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC – CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-620.DWG



1 A-703

UNIT "C" FIRST FLOOR EQUIPMENT PLAN

SCALE: 1/8" = 1'-0"

GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS.

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.

D. REFER TO G-301 FOR MOUNTING HEIGHTS.

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-425 FOR TOILET ROOM EQUIPMENT.

EQUIPMENT PLAN LEGEND:

(A) INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A-730 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

(A)(S) INDICATES SCIENCE CASEWORK ELEVATION SYMBOL – REFER TO A-740 DRAWINGS FOR ELEVATIONS AND DETAILS.

---- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT)

— — INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).

(CG) INDICATES CORNER GUARD.

(TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.

(MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.

(TV) INDICATES TELEVISION, REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

(IM) INDICATES INTERACTIVE MONITOR, REFER ELECTRICAL AND TECHNOLOGY DRAWING.

(RMR) INDICATES MIRROR FOR REHEARSAL SPACES.

(WMR) INDICATES MIRROR FOR WEIGHT ROOM.

(PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD.

(RS) INDICATES ROLLER SHADE FIT TO WINDOW.

(ERS) INDICATES ELECTRIC ROLLER SHADE FIT TO WINDOWS IN CLEARSTORY.

EQUIPMENT KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN.)

1. LOOSE FURNITURE, BY OWNER
2. COMPUTER MONITOR, BY OWNER
3. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER) — 5/A-501
4. SAFETY CUSHION WAINSCOT (6' HIGH). — 5/A-421
5. DIVIDER CURTAIN.
6. PRINTER / COPIER, BY OWNER
7. CLINIC COTS, BY OWNER
8. MICROWAVE OVEN, BY OWNER
9. COFFEE MAKER, BY OWNER
10. LOCKERS, REFER TO DETAIL SHEET A501
11. REFRIGERATOR, BY OWNER
12. ADA DISHWASHER, BY OWNER
13. ADA RANGE, BY OWNER
14. ICE MAKER, BY OWNER
15. FIRE BLANKET CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
16. EMERGENCY SHOWER AND FLOOR DRAIN, REFER TO MECHANICAL DRAWINGS
17. GOGGLE CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
18. EMERGENCY GAS SHUT OFF, REFER TO PLUMBING DRAWINGS
19. CLOTHES WASHER, BY OWNER
20. CLOTHES DRYER, BY OWNER
21. SPRAY BOOTH, SEE SHEET A/730 CASEWORK, ELECTRICAL/MECHANICAL FOR UTILITY CONNECTIONS AND EXHAUSTING UNIT.
22. SEMI RECESSED FIRE EXTINGUISHER CABINET. REFER TO 9/A501
23. OVERHEAD RETRACTABLE POWER CORD (TYPICAL) REFER TO ELECTRICAL
24. SEMI RECESSED ADA EYE WASH STATION, SEE SCIENCE EQUIP. A740 AND PLUMBING FOR CONNECTIONS
25. EXISTING MEDIA CENTER FURNITURE, RELOCATED. SEE SHEET A/760
26. EXISTING MEDIA CENTER TV ON STAND, RELOCATED.
27. ROOF LADDER, REFER TO FLOOR PLANS.
28. FUME HOOD, REFER TO SCIENCE EQUIP. A/740 AND MECHANICAL/ELECTRICAL DRAWINGS.
29. LOCKER BENCH, TYPICAL (18" TO TOP OF SEAT). REFER TO DETAIL 14/A501
30. FLAMMABLE CABINET, REFER TO SCIENCE EQUIPMENT SHEET A740.
31. ACID STORAGE CABINET, REFER TO SCIENCE EQUIPMENT SHEET A740.
32. DEFIBRILLATOR UNIT LOCATION
33. EXISTING CURTAIN
34. POWER POLE, REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EKM/CLN
CHECKED BY CLN

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "C" FIRST FLOOR EQUIPMENT PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET C A-703

Wednesday, 11/3/2021 - 1:54 PM - LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-703.DWG

GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS.

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.

D. REFER TO G-301 FOR MOUNTING HEIGHTS.

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-425 FOR TOILET ROOM EQUIPMENT.

EQUIPMENT PLAN LEGEND:

- INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A-730 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- (S) INDICATES SCIENCE CASEWORK ELEVATION SYMBOL – REFER TO A-740 DRAWINGS FOR ELEVATIONS AND DETAILS.
- ---- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT)
- — — INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD.
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (TV) INDICATES TELEVISION, REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- (IM) INDICATES INTERACTIVE MONITOR, REFER ELECTRICAL AND TECHNOLOGY DRAWING.
- (RMR) INDICATES MIRROR FOR REHEARSAL SPACES.
- (WMR) INDICATES MIRROR FOR WEIGHT ROOM.
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD.
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW.
- (ERS) INDICATES ELECTRIC ROLLER SHADE FIT TO WINDOWS IN CLEARSTORY.

EQUIPMENT KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN.)

1. LOOSE FURNITURE, BY OWNER
2. COMPUTER MONITOR, BY OWNER
3. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 5 / A-501
4. SAFETY CUSHION WAINSCOT (6' HIGH). — 9 / A-421
5. DIVIDER CURTAIN.
6. PRINTER / COPIER, BY OWNER
7. CLINIC COTS, BY OWNER
8. MICROWAVE OVEN, BY OWNER
9. COFFEE MAKER, BY OWNER
10. LOCKERS, REFER TO DETAIL SHEET A501
11. REFRIGERATOR, BY OWNER
12. ADA DISHWASHER, BY OWNER
13. ADA RANGE, BY OWNER
14. ICE MAKER, BY OWNER
15. FIRE BLANKET CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
16. EMERGENCY SHOWER AND FLOOR DRAIN, REFER TO MECHANICAL DRAWINGS
17. GOGGLE CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
18. EMERGENCY GAS SHUT OFF, REFER TO PLUMBING DRAWINGS
19. CLOTHES WASHER, BY OWNER
20. CLOTHES DRYER, BY OWNER
21. SPRAY BOOTH, SEE SHEET A/730 CASEWORK, ELECTRICAL/MECHANICAL FOR UTILITY CONNECTIONS AND EXHAUSTING UNIT.
22. SEMI RECESSED FIRE EXTINGUISHER CABINET. REFER TO 9/A501
23. OVERHEAD RETRACTABLE POWER CORD (TYPICAL) REFER TO ELECTRICAL
24. SEMI RECESSED ADA EYE WASH STATION, SEE SCIENCE EQUIP. A740 AND PLUMBING FOR CONNECTIONS
25. EXISTING MEDIA CENTER FURNITURE, RELOCATED. SEE SHEET A/760
26. EXISTING MEDIA CENTER TV ON STAND, RELOCATED.
27. ROOF LADDER, REFER TO FLOOR PLANS.
28. FUME HOOD, REFER TO SCIENCE EQUIP. A/740 AND MECHANICAL/ELECTRICAL DRAWINGS.
29. LOCKER BENCH, TYPICAL (18" TO TOP OF SEAT). REFER TO DETAIL 14/A501
30. FLAMMABLE CABINET, REFER TO SCIENCE EQUIPMENT SHEET A740.
31. ACID STORAGE CABINET, REFER TO SCIENCE EQUIPMENT SHEET A740.
32. DEFIBRILLATOR UNIT LOCATION
33. EXISTING CURTAIN — AD-1
34. POWER POLE, REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
35. STUDIO BACKDROP CURTAIN, BY OWNER. — AD-3

UNIT "D" FIRST FLOOR EQUIPMENT PLAN

1 / A-704 — SCALE: 1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EKM/CLN
CHECKED BY CLN

JOSEPH P. BRIGGS — REGISTERED — NO. 11600109 — STATE OF INDIANA — ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "D" FIRST FLOOR EQUIPMENT PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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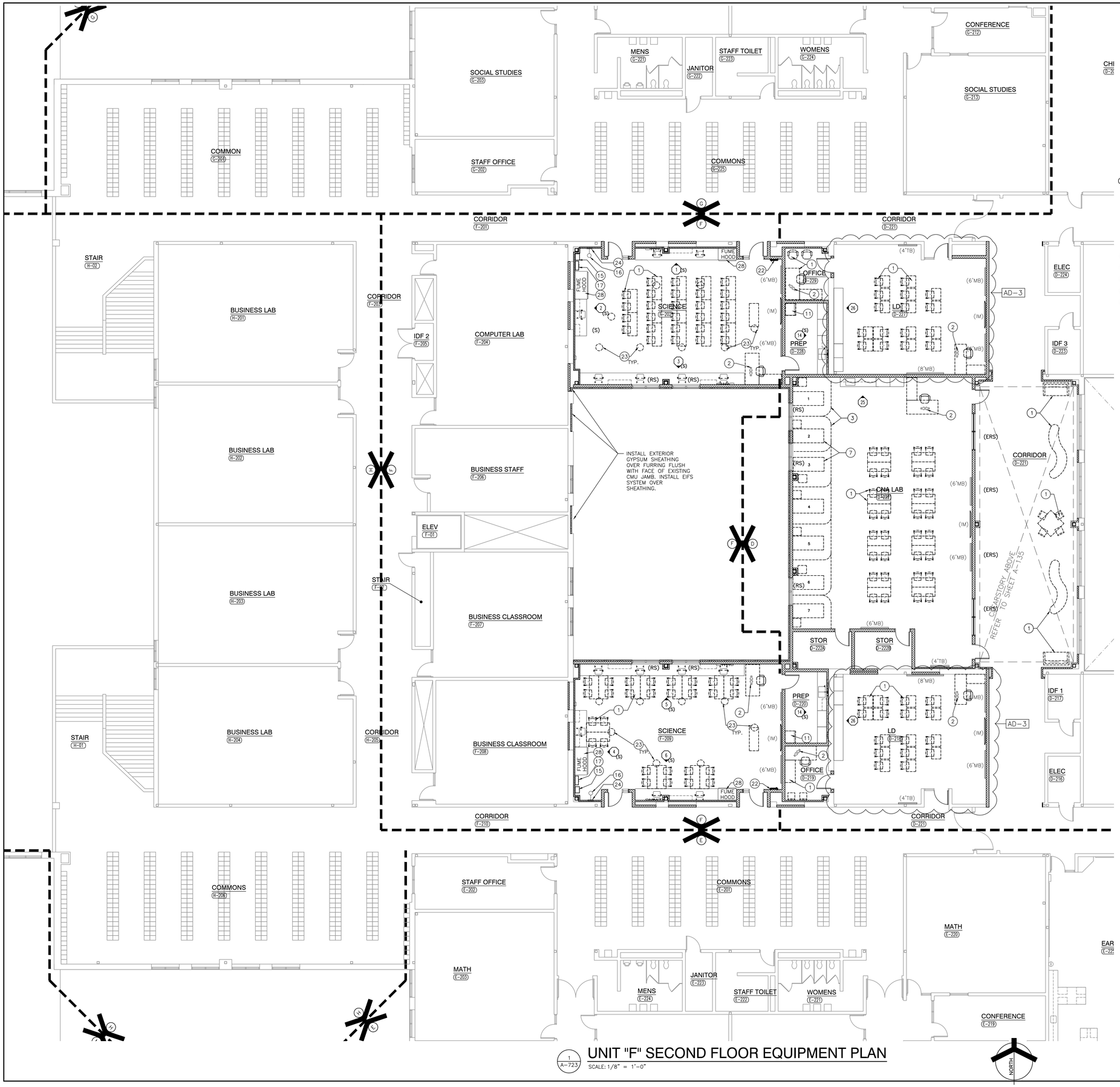
SHEET D A-704

Thursday, 11/4/2021 - 9:14 AM - LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-704.DWG



1 A-723 UNIT "F" SECOND FLOOR EQUIPMENT PLAN

SCALE: 1/8" = 1'-0"

GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS.

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.

D. REFER TO G-301 FOR MOUNTING HEIGHTS.

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-425 FOR TOILET ROOM EQUIPMENT.

EQUIPMENT PLAN LEGEND:

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- (ERS) INDICATES ELECTRIC ROLLER SHADE FIT TO WINDOWS IN CLEARSTORY.

EQUIPMENT KEY NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN.)

1. LOOSE FURNITURE, BY OWNER
2. COMPUTER MONITOR, BY OWNER
3. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER) — 5/A-501
4. SAFETY CUSHION WAINSCOT (6' HIGH). — 5/A-427
5. DIVIDER CURTAIN.
6. PRINTER / COPIER, BY OWNER
7. CLINIC COTS, BY OWNER
8. MICROWAVE OVEN, BY OWNER
9. COFFEE MAKER, BY OWNER
10. LOCKERS, REFER TO DETAIL SHEET A501
11. REFRIGERATOR, BY OWNER
12. ADA DISHWASHER, BY OWNER
13. ADA RANGE, BY OWNER
14. ICE MAKER, BY OWNER
15. FIRE BLANKET CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
16. EMERGENCY SHOWER AND FLOOR DRAIN, REFER TO MECHANICAL DRAWINGS
17. GOGGLE CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
18. EMERGENCY GAS SHUT OFF, REFER TO PLUMBING DRAWINGS
19. CLOTHES WASHER, BY OWNER
20. CLOTHES DRYER, BY OWNER
21. SPRAY BOOTH, SEE SHEET A/730 CASEWORK, ELECTRICAL/MECHANICAL FOR UTILITY CONNECTIONS AND EXHAUSTING UNIT.
22. SEMI RECESSED FIRE EXTINGUISHER CABINET. REFER TO 9/A501
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24. SEMI RECESSED ADA EYE WASH STATION, SEE SCIENCE EQUIP. A740 AND PLUMBING FOR CONNECTIONS
25. EXISTING MEDIA CENTER FURNITURE, RELOCATED. SEE SHEET A/760
26. EXISTING MEDIA CENTER TV ON STAND, RELOCATED.
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30. FLAMMABLE CABINET, REFER TO SCIENCE EQUIPMENT SHEET A740.
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32. DEFIBRILLATOR UNIT LOCATION
33. EXISTING CURTAIN
34. POWER POLE, REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EKM/CLN
CHECKED BY CLN

JOSEPH P. BRIGGS REGISTERED ARCHITECT NO. 11600109 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "F" SECOND FLOOR EQUIPMENT PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET F A-723

Wednesday, 11/3/2021 - 9:04 AM - LAST SAVED BY:CNELSON
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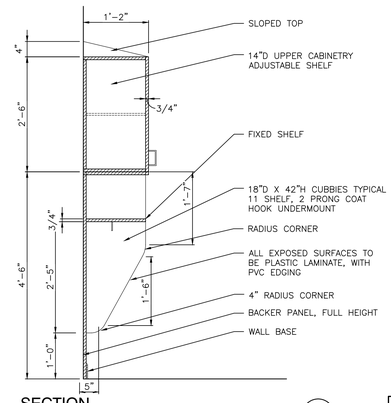
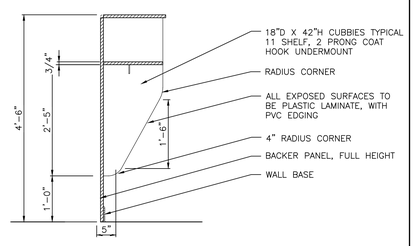


SECTION

SCALE: 3/4"=1'-0"

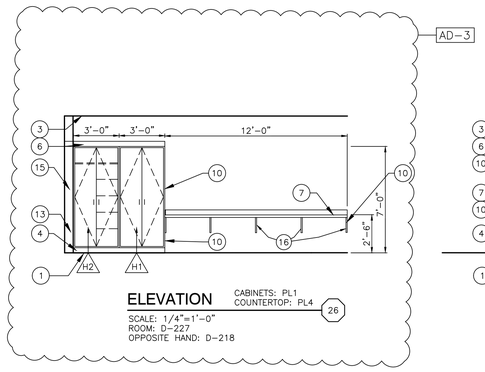
2 A-730



SECTION

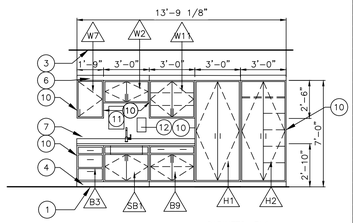
SCALE: 3/4"=1'-0"

1 A-730



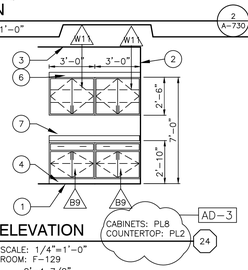
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 26

SCALE: 1/4"=1'-0"
ROOM: D-227
OPPOSITE HAND: D-218



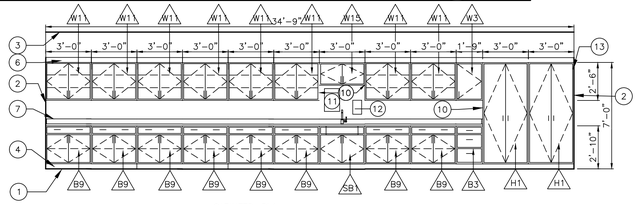
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 25

SCALE: 1/4"=1'-0"
ROOM: D-222



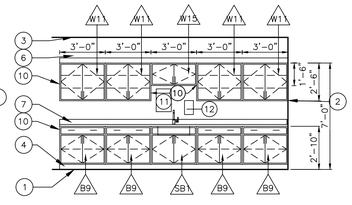
ELEVATION — CABINETS: PL8, COUNTERTOP: PL2, AD-3 — 24

SCALE: 1/4"=1'-0"
ROOM: F-129



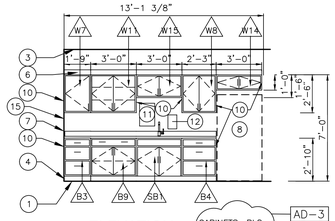
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 23

SCALE: 1/4"=1'-0"
ROOM: D116



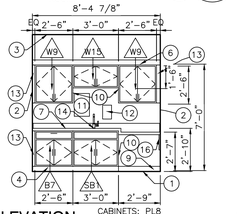
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 22

SCALE: 1/4"=1'-0"
ROOM: D114



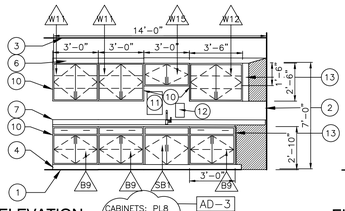
ELEVATION — CABINETS: PL8, COUNTERTOP: PL4, AD-3 — 21

SCALE: 1/4"=1'-0"
ROOM: F105



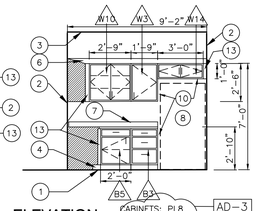
ELEVATION — CABINETS: PL8, COUNTERTOP: PL4 — 20

SCALE: 1/4"=1'-0"
ROOM: F107



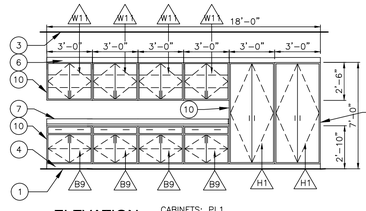
ELEVATION — CABINETS: PL8, COUNTERTOP: PL4, AD-3 — 19

SCALE: 1/4"=1'-0"
ROOM: F112



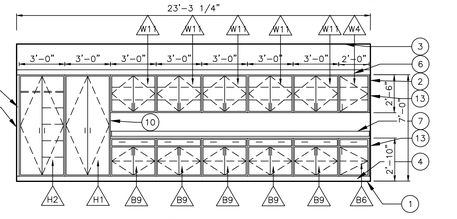
ELEVATION — CABINETS: PL8, COUNTERTOP: PL4, AD-3 — 18

SCALE: 1/4"=1'-0"
ROOM: F112



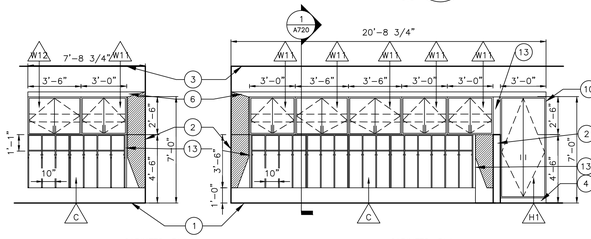
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 17

SCALE: 1/4"=1'-0"
ROOM: B104



ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 16

SCALE: 1/4"=1'-0"
ROOM: E-123

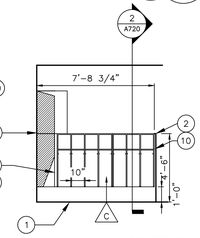


ELEVATION — CABINETS: PL1 — 15

SCALE: 1/4"=1'-0"
ROOM: B-111

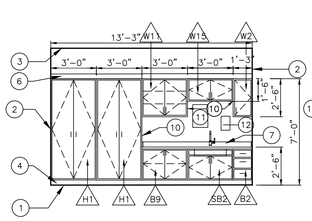
ELEVATION — CABINETS: PL1 — 14

SCALE: 1/4"=1'-0"
ROOM: B-111



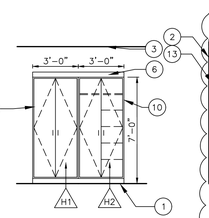
ELEVATION — CABINETS: PL1 — 13

SCALE: 1/4"=1'-0"
ROOM: B-111



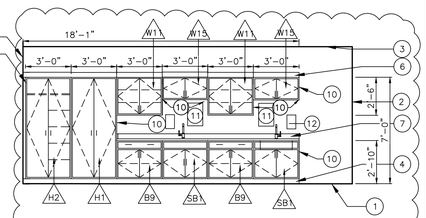
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 12

SCALE: 1/4"=1'-0"
ROOM: B-111



ELEVATION — CABINETS: PL1 — 11

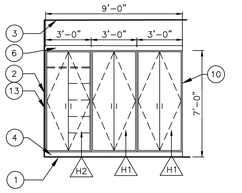
SCALE: 1/4"=1'-0"
ROOM: B104



ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 10

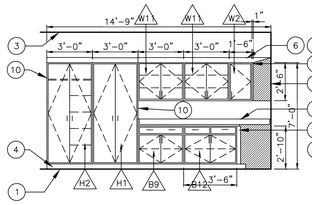
SCALE: 1/4"=1'-0"
ROOM: C-104

AD-3



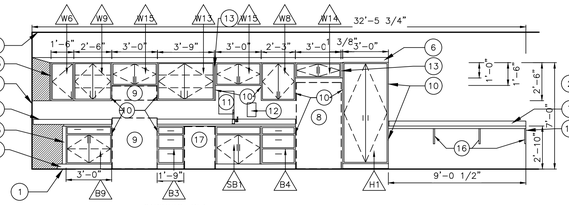
ELEVATION — CABINETS: PL1 — 9

SCALE: 1/4"=1'-0"
ROOM: B-111



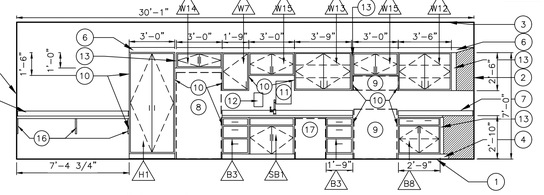
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 8

SCALE: 1/4"=1'-0"
ROOM: D-104, D106



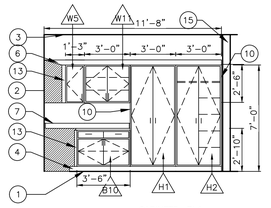
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 7

SCALE: 1/4"=1'-0"
ROOM: D-104, D106



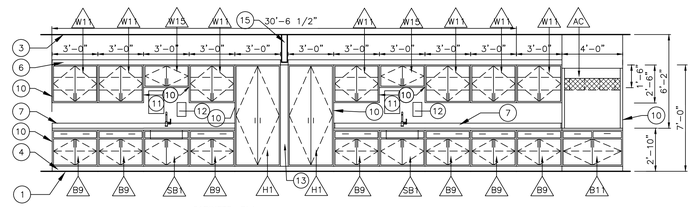
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 6

SCALE: 1/4"=1'-0"
ROOM: D-101



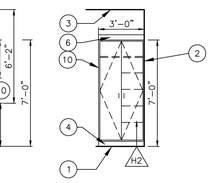
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 5

SCALE: 1/4"=1'-0"
ROOM: D-101



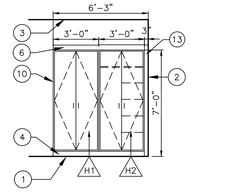
ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 4

SCALE: 1/4"=1'-0"
ROOM: C-104



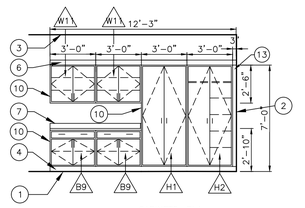
ELEVATION — CABINETS: PL1 — 3

SCALE: 1/4"=1'-0"
ROOM: B-115
OPPOSITE HAND: D110



ELEVATION — CABINETS: PL1 — 2

SCALE: 1/4"=1'-0"
ROOM: B106, K112
OPPOSITE HAND: B101



ELEVATION — CABINETS: PL1, COUNTERTOP: PL4 — 1

SCALE: 1/4"=1'-0"
ROOM: A104, A108, A110, A113, A114, A122, A124, A126, A128, A211, A203, A206, A208, A-210, A211, S101
OPPOSITE HAND: A105, A106, A109, A111, A115, A123, A125, A127, A129, A204, A205, A207, A209, A212

PLASTIC LAMINATE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION
B1	10129	36"	24"D X 29"H DOORS, ADJUSTABLE SHELF
B2	10339	15"	24"D X 29"H 3 DRAWERS, FULL EXTENSION
B3	10339	21"	24"D X 32"H 3 DRAWERS, FULL EXTENSION
B4	10339	27"	24"D X 32"H 3 DRAWERS, FULL EXTENSION
B5	10422	24"	24"D X 32"H DRAWER, DOOR, LEFT HINGED, ADJUSTABLE SHELF
B6	10421	24"	24"D X 32"H DRAWER, DOOR, RIGHT HINGED, ADJUSTABLE SHELF
B7	10432	30"	24"D X 32"H DRAWERS, DOORS, ADJUSTABLE SHELF
B8	10432	33"	24"D X 32"H DRAWERS, DOORS, ADJUSTABLE SHELF
B9	10432	36"	24"D X 32"H DRAWERS, DOORS, ADJUSTABLE SHELF
B10	10432	42"	24"D X 32"H DRAWERS, DOORS, ADJUSTABLE SHELF
B11	10432	48"	24"D X 32"H DRAWERS, DOORS, ADJUSTABLE SHELF SUPPORT TO HOLD SPRAY BOOTH.
SB1	10479	36"	24"D X 32"H FALSE FRONT, DOORS, REMOVABLE BACK
SB2	10479	36"	24"D X 29"H FALSE FRONT, DOORS, REMOVABLE BACK
W1	16120	15"	14"D X 30"H DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
W2	16120	18"	14"D X 30"H DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
W3	16120	21"	14"D X 30"H DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
W4	16120	24"	14"D X 30"H DOOR, RIGHT HINGED, ADJUSTABLE SHELVES
W5	16121	15"	14"D X 30"H DOOR, LEFT HINGED, ADJUSTABLE SHELVES
W6	16121	18"	14"D X 30"H DOOR, LEFT HINGED, ADJUSTABLE SHELVES
W7	16121	21"	14"D X 30"H DOOR, LEFT HINGED, ADJUSTABLE SHELVES
W8	16129	27"	14"D X 30"H DOORS, ADJUSTABLE SHELVES
W9	16129	30"	14"D X 30"H DOORS, ADJUSTABLE SHELVES
W10	16129	33"	14"D X 30"H DOORS, ADJUSTABLE SHELVES
W11	16129	36"	14"D X 30"H DOORS, ADJUSTABLE SHELVES
W12	16129	42"	14"D X 30"H DOORS, ADJUSTABLE SHELVES
W13	16129	45"	14"D X 30"H DOORS, ADJUSTABLE SHELVES
W14	16129	36"	14"D X 12"H DOORS
W15	16129	36"	14"D X 18"H DOORS
H1	26129	36"	24"D X 84"H DOORS, ADJUSTABLE SHELVES, FIXED SHELF
H2	26609	36"	24"D X 84"H LOCKED DOORS, FIXED SHELF, WARDROBE, FILE DRAWER
AC	52018	48"	24"D X 74"H STEEL SPRAY BOOTH A. EXPLOSION PROOF TUMBLER LIGHT SWITCH (#0045) WITH PILOT LIGHT AND HEATER. SWITCH IS INSTALLED BY DIVISION 26. B. BLOWER (FURNISHED LOOSE) WITH EXPLOSION PROOF MOTOR WITH 1725 RPM, 100 LFM, 773 CFM AND 3/4 STATIC PRESSURE AND SHALL ACCOMMODATE A DUCT OF 6-1/2" X 10-3/4". BLOWER SHALL BE INSTALLED BY CASEWORK MANUFACTURE, WIRED BY DIVISION 26. C. TWO CHANGEABLE AIR FILTERS AT UPPER-REAR HOOD. D. UPPER BOOTH ENCLOSURE IS 18 GA. STEEL WITH CORROSION RESISTANT FINISH. CLOSURE PANEL TO CEILING WITH ACCESS PANEL. ENCLOSURE SHALL EXTEND 4" ABOVE CEILING. E. FAN INSTALLED BY CASEWORK, SWITCH AND WIRED BY DIV. 26. F. CAGE-DESIGN LIGHT FURNISHED LOOSE AND INSTALLED BY DIV.26. G. BLACK PHENOLIC TOP (#35924) WITH PERIMETER SPILL GROOVES.
C	CUSTOM		14"D X 54"H GROUP OF 3 OR 4 UNIT CUBBY, 1 SHELF, 2 PRONG
			COAT HOOD EACH CUBBY. SEE DETAIL THIS SHEET.

GENERAL NOTES

A. FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. (UNLESS NOTED OTHERWISE) AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.

B. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD.

C. WHERE CASEWORK REQUIRES SHIMMING, ONLY APPROVED METAL SHIMS SHALL BE USED.

D. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.

E. ALL BACK SPLASHES AND END SPLASHES SHALL BE 4" HIGH UNLESS OTHERWISE NOTED.

F. VERIFY ALL CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.

G. 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING CONTRACTOR.

H. FIELD VERIFY ALL DIMENSIONS.

J. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.

K. REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR FIXTURE TYPES AND LOCATIONS.

L. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY

M. ALL ADJOINING CABINETS SHALL BE ALIGNED.

N. ALL EXPOSED ENDS ARE TO BE FINISHED.

O. ALL CABINETS TO BE LOCKABLE. KEY ALIKE BY ROOM.

P. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM EDGE.

Q. ALL WALL AND FULL HEIGHT CABINETS TO RECEIVE PLASTIC LAMINATE SLOPE TOP. UNLESS OTHERWISE NOTED/SCHEDULED.

KEY NOTES

(1) LINE OF FINISHED FLOOR
(2) WALL LINE
(3) CEILING LINE
(4) 4" TOE SPACE. VINYL BASE BY FLOORING CONTRACTOR.
(5) DOOR
(6) SLOPED TOP
(7) 25"D COUNTERTOP WITH 4" BACKSPLASH / SIDESPLASH AS SHOWN
(8) REFRIGERATOR BY OWNER
(9) ADA RANGE / EXHAUST FAN BY OWNER
(10) FINISHED BACK/END PANEL
(11) PAPER TOWEL DISPENSER (OFCI)
(12) SOAP DISPENSER (OFCI)
(13) FILLER PANEL – FINISH TO MATCH FACE OF CABINETS.
(14) SINK, REFERENCE PLUMBING DRAWINGS
(15) COLUMN
(16) METAL SUPPORT BRACKETS, BY CASEWORK CONTRACTOR
(17) ADA UNDERCOUNTER DISHWASHER, BY OWNER.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY CLN
CHECKED BY CLN

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

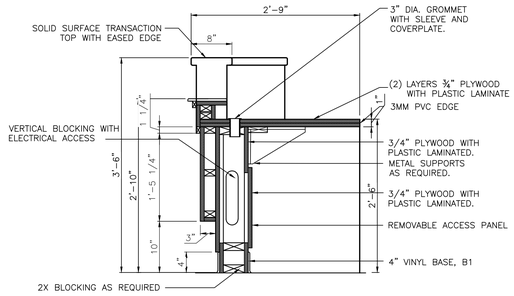
DRAWING
CASEWORK SCHEDULE, ELEVATIONS AND SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET
A-730

Wednesday, 11/3/2021 - 1:48 PM - LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-730.DWG



E A-750 **SECTION**
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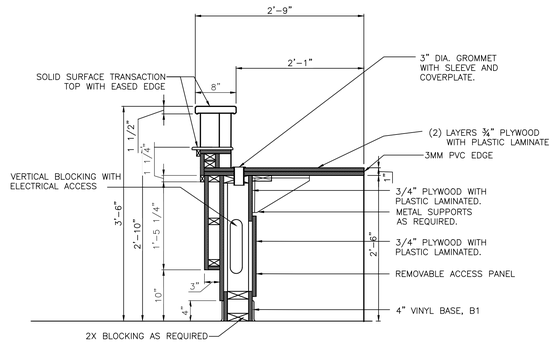

D A-750 **SECTION**
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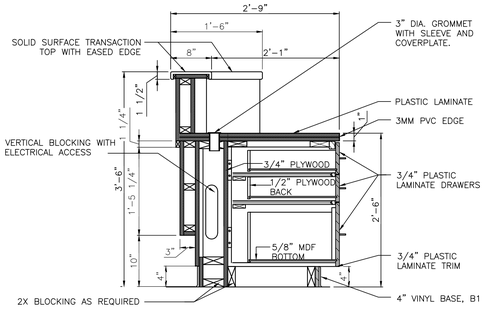

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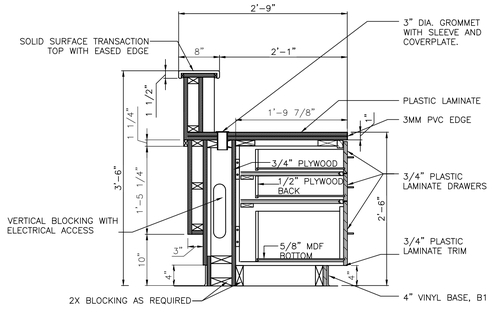

B A-750 **SECTION**
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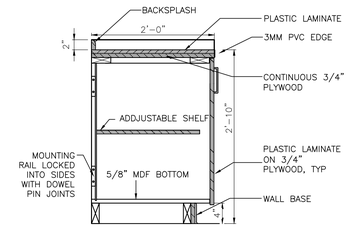


A A-750 **SECTION**
SCALE: 1" = 1'-0"

GENERAL NOTES:

A. REFER TO FINISH LEGEND (A-810) FOR FINISH INFORMATION. REFERENCE WRITTEN SPECIFICATIONS AND PLANS FOR ADDITIONAL INFORMATION.

B. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD.

C. WHERE MILLWORK REQUIRES SHIMMING. ONLY APPROVED METAL SHIMS SHALL BE USED.

D. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.

E. 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING CONTRACTOR.

F. FIELD VERIFY ALL DIMENSIONS.

G. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS, AND LOCATIONS.

H. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY.

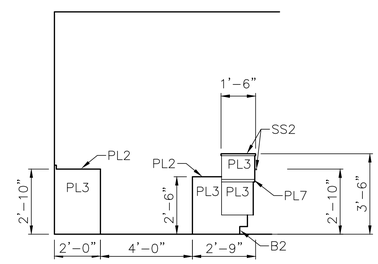
I. ALL ADJOINING CABINETS SHALL BE ALIGNED.

J. ALL EXPOSED ENDS ARE TO BE FINISHED.

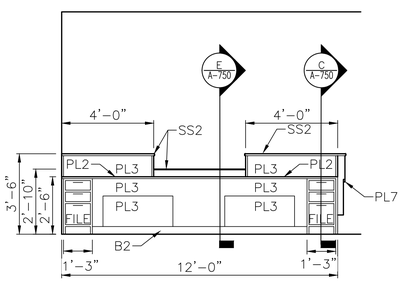
K. ALL CABINETS TO BE LOCKABLE, KEY ALIKE BY ROOM.

L. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM PVC EDGE.

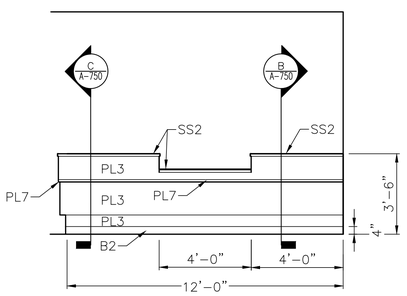
ENTIRE SHEET SHALL BE ADDED TO CONSTRUCTION SET. — AD-1



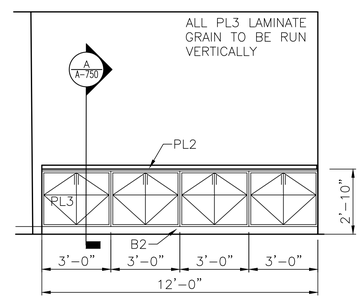
ELEVATION
SCALE: 3/8"=1'-0" — 8



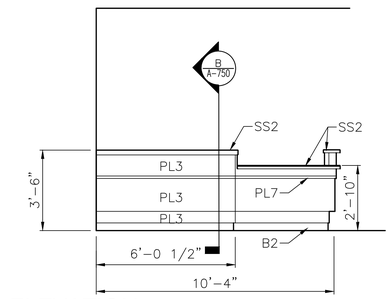
ELEVATION
SCALE: 3/8"=1'-0" — 7



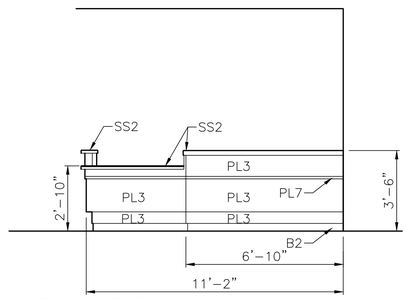
ELEVATION
SCALE: 3/8"=1'-0" — 6



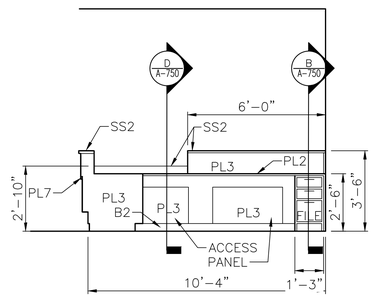
ELEVATION
SCALE: 3/8"=1'-0" — 5



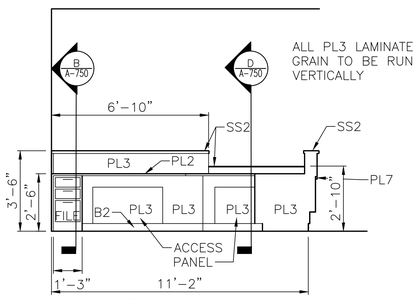
ELEVATION
SCALE: 3/8"=1'-0" — 4



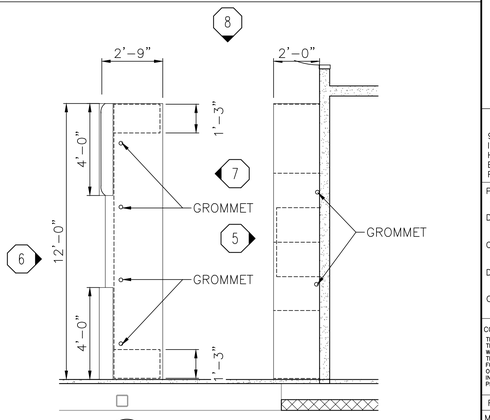
ELEVATION
SCALE: 3/8"=1'-0" — 3



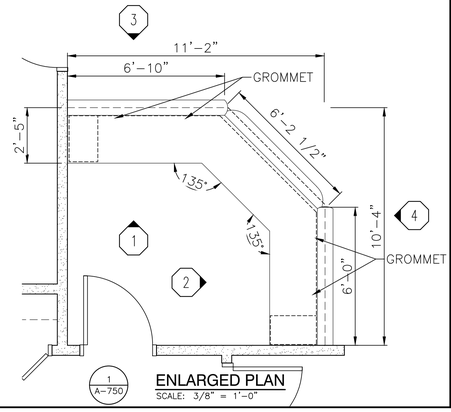
ELEVATION
SCALE: 3/8"=1'-0" — 2



ELEVATION
SCALE: 3/8"=1'-0" — 1



2 A-750 **ENLARGED PLAN**
SCALE: 3/8" = 1'-0"



1 A-750 **ENLARGED PLAN**
SCALE: 3/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY MLR
DRAWN BY ARM
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MILLWORK ENLARGED PLANS, ELEVATIONS, AND SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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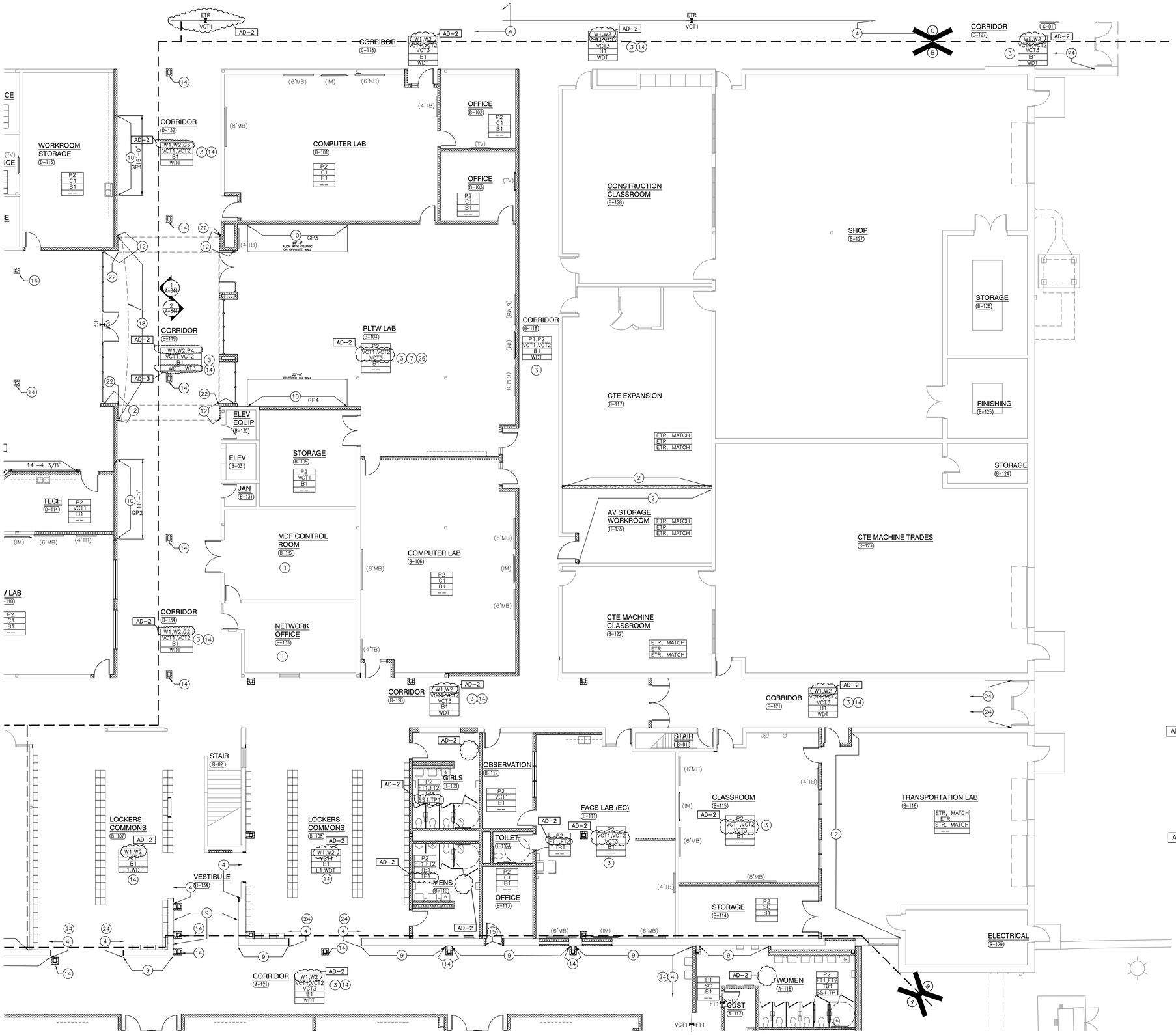
SHEET
A-750

Tuesday, 11/2/2021 - 12:04 PM - LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-750.DWG



UNIT "B" FIRST FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

REFERENCE FINISH LEGEND (A-830) FOR FINISH INFORMATION.

REFERENCE WRITTEN SPECIFICATIONS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION.

GENERAL FINISH NOTES:

A. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

B. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.

C. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

D. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIALS INCLUDING NOTATION OF MATERIAL DIRECTION.

E. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

F. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED ARE TO BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.

G. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR TO VERIFY REQUIRED TYPE/COLOR WITH DESIGNER.

H. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.

I. ALL DOOR FRAMES TO BE PAINTED, P1

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
— —	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

PLAN NOTES:

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. MATCH EXISTING WALL FINISHES, WALL PAINT AND BASE.
3. FLOOR PATTERNS – REFERENCE FLOOR PATTERN PLANS.
4. NEW FINISHES START HERE.
5. INDICATES WALL FINISH TO STOP AT TRANSITION IN WALL MATERIAL.
6. CLERESTORY WALLS TO BE PAINTED P2 TO ROOF DECK.
7. PAINT ALL EXPOSED ROOF DECK, JOIST, MECHANICAL AND ELECTRICAL PIPING, CONDUIT, AND DUCTWORK. REFER TO FINISH LEGEND A830.
8. DISPLAY CASE – REFERENCE SHEET A-501
9. EXISTING FINISHES TO REMAIN, ETR
10. DIGITALLY PRINTED WALL GRAPHIC, REFERENCE A-830.
11. WALL TILE, WT1 AND WT2 – REFERENCE 4,5,6/A-845
12. WALL TILE, WT3
13. TACKABLE SURFACE, TS1
14. COLUMN AND CORRIDOR TYPICAL FINISHES. SEE SHEET A844 FOR ELEVATION.
15. PAINT, P1
16. NEW PAINT SHALL BE ABOVE EXISTING BRICK WAINSCOT ONLY. EXISTING BRICK TO REMAIN. SEE INTERIOR ELEVATIONS.
17. FLOOR TILE, FT4 – TO BE APPLIED TO LOCKER ROOM BENCHES ONLY
18. PAINT, P4 (CURVED BULKHEAD ABOVE MEDIA ENTRANCE ONLY)
19. WALLCOATING, WC2
20. NOT USED
21. PAINT, P3
22. METAL EDGE TRIM TO END AND OR TRANSITION MATERIAL – REFER TO FINISH ELEVATIONS AND FINISH LEGEND.
23. LOCATION OF ACOUSTICAL PANEL, REFER TO INTERIOR ELEVATIONS.
24. NEW STAINED WOOD WAINSCOT TRIM STARTS HERE.
25. REPLACE EXISTING VCT WITH NEW VCT AS REQUIRED, AFTER REMOVAL OF EXISTING LOCKERS.
26. PAINT ALL EXPOSED CEILING DECK AND JOIST P5, HVAC DUCT PAINT P4.
27. PAINT P4.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY MMM EKM
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "B" FIRST FLOOR FINISH PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
B
A-802

Tuesday, 11/2/2021 - 10:30 AM - LAST SAVED BY:CNELSON
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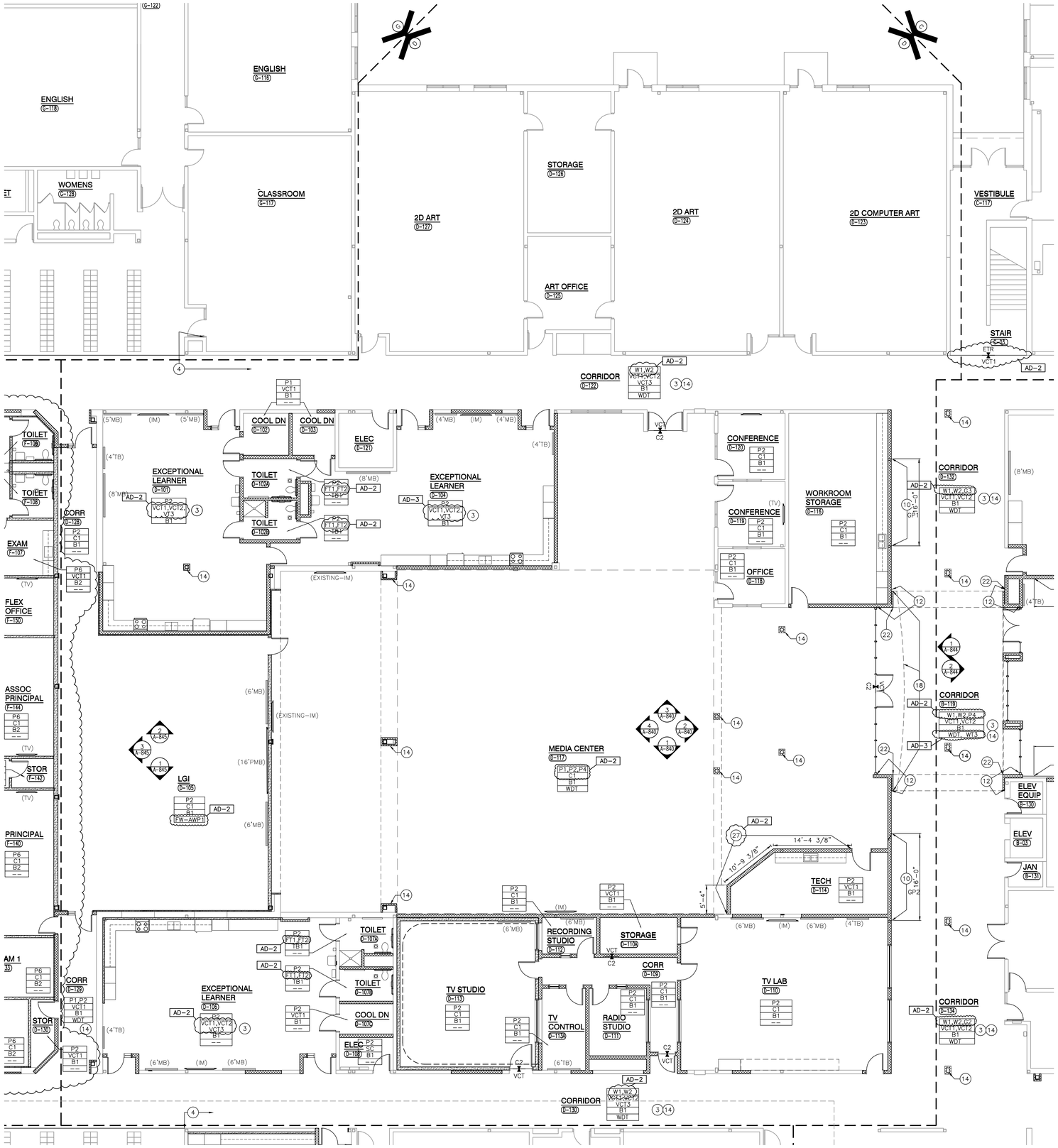

UNIT "D" FIRST FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

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REFERENCE WRITTEN SPECIFICATIONS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION.

GENERAL FINISH NOTES:

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B. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.

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F. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED ARE TO BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.

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I. ALL DOOR FRAMES TO BE PAINTED, P1

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

PLAN NOTES:

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. MATCH EXISTING WALL FINISHES, WALL PAINT AND BASE.
3. FLOOR PATTERNS – REFERENCE FLOOR PATTERN PLANS.
4. NEW FINISHES START HERE.
5. INDICATES WALL FINISH TO STOP AT TRANSITION IN WALL MATERIAL.
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7. PAINT ALL EXPOSED ROOF DECK, JOIST, MECHANICAL AND ELECTRICAL PIPING, CONDUIT, AND DUCTWORK. REFER TO FINISH LEGEND A830.
8. DISPLAY CASE – REFERENCE SHEET A-501
9. EXISTING FINISHES TO REMAIN, ETR
10. DIGITALLY PRINTED WALL GRAPHIC, REFERENCE A-830.
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20. NOT USED
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GIBRALTAR DESIGN
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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY MMM EKM
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "D" FIRST FLOOR FINISH PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET D A-804

Tuesday, 11/2/2021 - 4:40 PM - LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-804.DWG

FINISH LEGEND

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
CEILING MATERIALS							
	ACT1	ACOUSTICAL CEILING	ARMSTRONG	FINE FISSURED	1728 WHITE	24"x24"	WITH HUMIGUARD PLUS
	ACT2	ACOUSTICAL CEILING	ARMSTRONG	CLEAN ROOM	868 WHITE	24"x24"	VINYL FACED WITH HUMIGUARD PLUS
	P9	PAINT	SHERWIN WILLIAMS	--	CEILING BRIGHT WHITE SW 7007	--	--
WALL BASE							
	B1	VINYL BASE	TARKETT	COVE	BEIGE	4"	--
	B2	VINYL BASE	TARKETT	COVE	MOON ROCK	4"	--
	B3	VINYL BASE	TARKETT	VENTED	BLACK	4"	--
	B4	VINYL BASE	TARKETT	MILLWORK REVEAL	BLACK	4"	--
	B5	VINYL BASE	TARKETT	MILLWORK REVEAL	BLACK	8"	--
	TB1	TILE BASE	DALTILE	KEYSTONES	MARBLE	2"Wx2"H	PLUS 1" COVE, TOTAL OF 5" HIGH BASE
	QB	QUARRY TILE BASE	AMERICAN OLEAN	QUARRY NATURALS	LAVA RED NO1	5"X6"	COVE
	(NOTE: NO BASE ON EXISTING BRICK WALLS)						
FLOOR MATERIALS							
	C1	CARPET TILE	TARKETT	FABRICATE	CUSTOM COLOR	--	--
AD-3	FT1	FLOOR TILE	DALTILE	KEYSTONES	MARBLE RED	2"x2" 2"x2"	85% FIELD COLOR FOR FLOORING 5% RANDOM ADDED TO FIELD TILE
	FT2	FLOOR TILE	DALTILE	KEYSTONES	URBAN PUTTY	2"x2"	10% RANDOM ADDED FT1
	FT3	FLOOR TILE	DALTILE	KEYSTONES	UPTOWN TAUPE SPECKLE	2"x2"	10% RANDOM ADDED FT1
	FT4	FLOOR TILE	DALTILE	KEYSTONES	MARBLE	1"x1"	--
	QT1	QUARRY TILE	AMERICAN OLEAN	QUARRY NATURALS	LAVA RED NO1	6"x6"	--
	SF1	ROLLED RUBBER, SMOOTH	MONDO	ADVANCE	DARK MAPLE L92	--	--
	SF2	ROLLED RUBBER, SMOOTH	MONDO	ADVANCE	DARK GRAY L06	--	--
	SF3	ROLLED RUBBER, ROUGH	MONDO	RUN	UNIVERSITY RED P104	--	--
	SF4	ROLLED RUBBER	MONDO	ARMOR STRENGTH	BLACK ME 16	--	--
	SF5	ROLLED RUBBER	MONDO	ARMOR STRENGTH	DARK GRAY ME 04	--	--
	SF6	ROLLED RUBBER	MONDO	SPORT IMPACT	LIGHT GRAY 011	--	--
	SC	SEALED CONCRETE	--	--	--	--	--
	TURF	ARTIFICIAL TURF	--	--	--	--	--
	TZ1	TERRAZZO	--	--	MATCH EXISTING-WHITE	--	--
	TZ2	TERRAZZO	--	--	MATCH EXISTING-RED	--	--
	VCT1	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	SANDRIFT WHITE	--	--
	VCT2	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	EARTHSTONE GREIGE	--	--
	VCT3	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	CHERRY RED	--	--
	WF1	WOOD FLOOR	O'MARA	SPRUNG FLOOR SYSTEM	--	--	--
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS	--	NOMADIC DESERT 6107	--	--
	P2	PAINT	SHERWIN WILLIAMS	--	RIVERS EDGE 7517	--	--
	P3	PAINT	SHERWIN WILLIAMS	--	ACIER 9170	--	--
	P4	PAINT	SHERWIN WILLIAMS	--	RED BAY 6321	--	--
	P5	PAINT	SHERWIN WILLIAMS	--	SILVERPLATE 7649	--	--
	P6	PAINT	SHERWIN WILLIAMS	--	REQUISITE GRAY 7023	--	--
	W1	WALLCOATING	SHERWIN WILLIAMS	--	NOMADIC DESERT 6107	--	--
	W2	WALLCOATING	SHERWIN WILLIAMS	--	RIVERS EDGE 7517	--	--
	WC1	WALLCOVERING	MDC	--	IKAT ICE	--	--
	WT1	CERAMIC WALL TILE	DALTILE	CLASSIC	ARCTIC WHITE	6"X6"	--
	WT2	CERAMIC WALL TILE	DALTILE	CLASSIC	CURRANT	6"X6"	--
	WT3	WALL TILE	CROSSVILLE/LAMINAM	--	OXIDE	1Mx3M	--
	FW-AWP1	ACOUSTICAL PANEL	MAHARAM	MESSENGER	069 CHERRY	--	--
	FW-AWP2	ACOUSTICAL PANEL	MAHARAM	MESSENGER	077 ASH	--	--
	AR-AWP1	ACOUSTICAL PANEL	--	--	RED BAY 6321	--	--
	SP-AWP1	ACOUSTICAL PANEL	MDC ZINTRA	SCULPTED SCRIBE	ECRU	--	WITH STAINGUARD
	GP1	* GRAPHIC PANEL	MDC	CUSTOM	--	(4)48"X96"	CORRIDOR D132
	GP2	* GRAPHIC PANEL	MDC	CUSTOM	--	(4)48"X96"	CORRIDOR D-134
	GP3	* GRAPHIC PANEL	MDC	CUSTOM	--	(2)120"X60"	PLTW LAB
	GP4	* GRAPHIC PANEL	MDC	CUSTOM	--	(2)120"X60"	PLTW LAB
	GP5	* GRAPHIC PANEL	MDC	CUSTOM	--	(3)48"X96"	CORRIDOR T-106
	GP6	* GRAPHIC PANEL	MDC	CUSTOM	--	(3)48"X96"	CORRIDOR T-106
	GW1	*GRAPHIC WALLCOVERING	MDC	CUSTOM	--	--	T-109
	GW2	*GRAPHIC WALLCOVERING	MDC	CUSTOM	--	--	F-126
	GW3	*GRAPHIC WALLCOVERING	MDC	CUSTOM	--	--	D-221
	GW4	*GRAPHIC WALLCOVERING	MDC	CUSTOM	--	--	D-221
CASEWORK AND MILLWORK							
	PL1	PLASTIC LAMINATE	WILSONART	MATTE	KHAKI BROWN	--	--
	PL2	PLASTIC LAMINATE	NEVAMAR	TEXTURED	COOL CHIC	--	--
	PL3	PLASTIC LAMINATE	NEVAMAR	TEXTURED	MODERN EDGE	--	--
	PL4	PLASTIC LAMINATE	WILSONART	MATTE	NEUTRAL GLACE	--	--
	PL5	PLASTIC LAMINATE	WILSONART	TEXTURED GLOSS	COLUMBIAN WALNUT	--	--
	PL6	PLASTIC LAMINATE	WILSONART	TEXTURED GLOSS	INK VESTA	--	--
	PL7	PLASTIC LAMINATE	RION?E	SUEDE	PRIMARY RED	--	--
AD-3	PL8	PLASTIC LAMINATE	NEVAMAR	TEXTURED	MIESIAN		
	SS1	SOLID SURFACE	CORIAN	--	SANDSTONE	--	--
	SS2	SOLID SURFACE	AVONITE	--	MOON CRYSTAL	--	--
	SS3	SOLID SURFACE	CORIAN	--	RAIN CLOUD	--	--
MISCELLANEOUS							
	--	WINDOW SHADE	MECHO	--	STONE 6018	--	--
	--	DISPLAY CASE FABRIC	--	--	--	--	--
	--	WOOD DOOR	--	--	MATCH EXISTING	--	--
AD-3	L1	LOCKERS	LYON	--	RED BARON	--	--
	PCT	PRIVACY CURTAIN	ARCHITEX	--	R-1008 EQUILIBRIUM	--	--
	SC	SAFETY CUSHION	--	--	RED	--	--
	TRIM1	TILE TRIM	SCHLUTER	--	--	--	--
	TP1	TOILET PARTITION	HINY HIDERS	ORANGE PEEL	BURGUNDY	--	--
	CG1	CORNER GUARD	--	--	COLOR 1	--	--
	WDT	WOOD TRIM	--	--	MATCH EXISTING	--	--
	PTN	FABRIC/NET PARTITION	--	--	--	--	--

ETR = EXISTING TO REMAIN

* CUSTOM GRAPHIC: MDC PREPRESS/DESIGN (MAKING SCALE AND COLOR ADJUSTMENTS), MDC IMAGE RESOURCE OR SHUTTERSTOCK IMAGE, ONE CUSTOM COLOR. RIDGID SUBSTRATE DIBOND SHALL BE USED, CLEAT MOUNTING.

CUSTOM WALLCOVERING: FLEXIBLE SUBSTRATE SUEDE ; MDC PREPRESS/DESIGN (MAKING SCALE AND COLOR ADJUSTMENTS), MDC IMAGE RESOURCE OR SHUTTERSTOCK IMAGE, ONE CUSTOM COLOR.

ENTIRE SHEET SHALL BE ADDED TO CONSTRUCTION SET. AD-2

GIBRALTAR DESIGN
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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
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CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
FINISH SCHEDULE

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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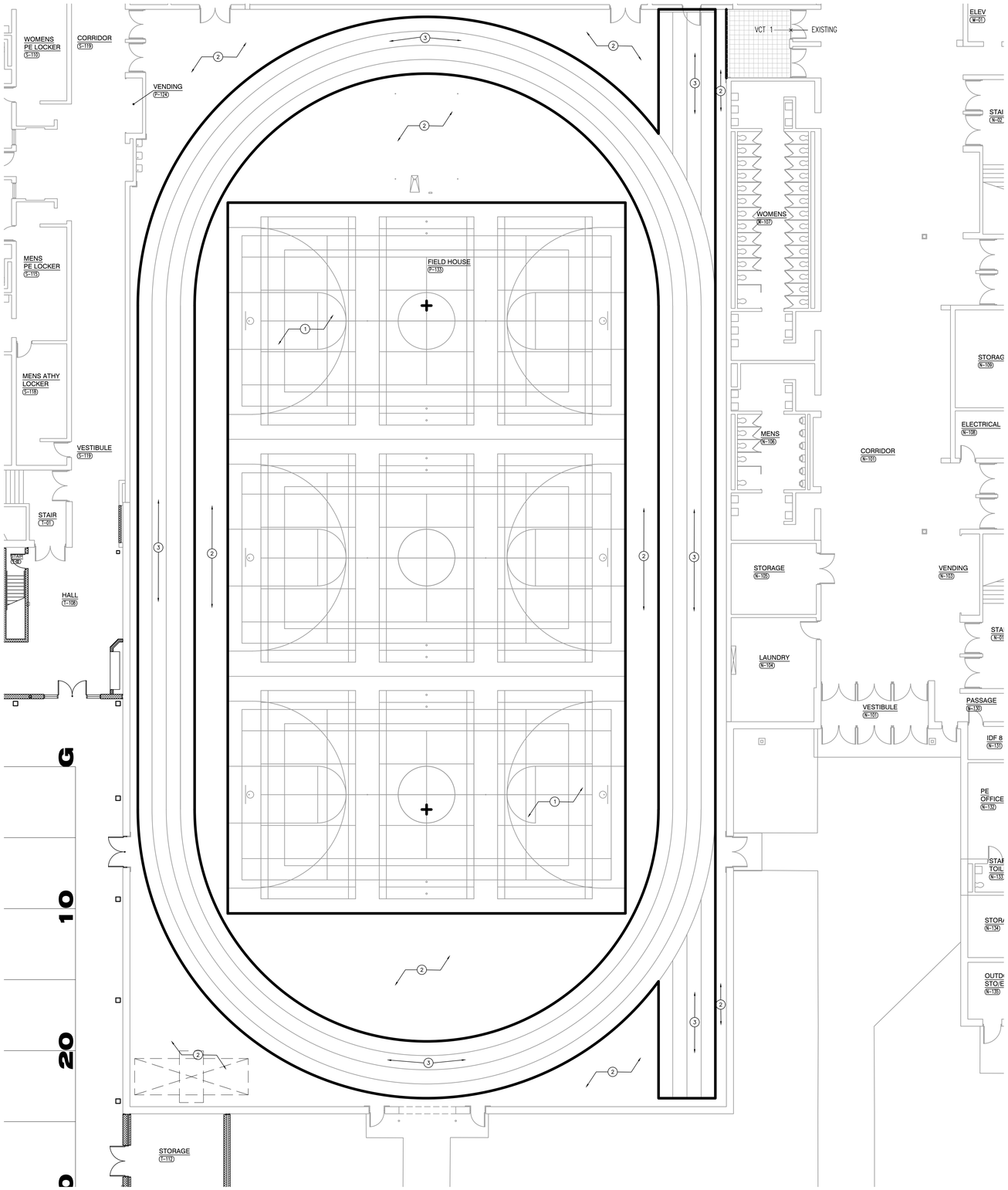
SHEET
A-830

Wednesday, 11/3/2021 - 3:47 PM - LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-830.DWG



1 / A-115 UNIT "P"/ "R" FIRST FLOOR PLAN

SCALE: 1" = 10'-0"

GENERAL NOTES:

REFERENCE FINISH LEGEND (A-830) FOR FINISH INFORMATION.

REFERENCE FINISH PLAN, WRITTEN SPECIFICATIONS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES:

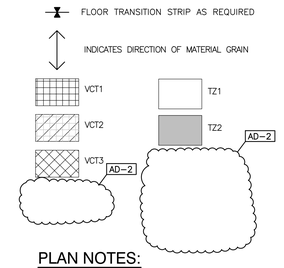
A. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

B. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

C. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

D. CORRIDOR BORDER TILES ARE TYPICAL OF AT LEAST ONE FULL TILE WIDTH, WITH FIELD TILE, VCT1, CENTERED WITHIN CORRIDOR WIDTH. A FEW EXCEPTIONS AT CORRIDOR WIDTH CHANGE – REFER TO FLOOR PATTERN PLAN FOR MORE DETAIL.

FLOOR PATTERN LEGEND:



PLAN NOTES:

1. SF1, SPORTS FLOOR 1
2. SF2, SPORTS FLOOR 2
3. SF3, SPORTS FLOOR 3

FIELDHOUSE FLOOR PLAN FINISH NOTES:

VERIFY EXISTING COURT MARKING LAYOUT, LINE WIDTHS, COLORS AND INSERTS. DOCUMENT INFORMATION ON DRAWINGS AND SUBMIT FOR APPROVAL PRIOR TO DEMOLITION OF EXISTING FLOOR FINISHES. NEW COURT MARKINGS TO BE LOCATED IN SAME LOCATION AS ORIGINAL MARKINGS.

AD-3

BASKETBALL (2") COLOR: BLACK
VOLLEYBALL (2") COLOR : RED
TENNIS (1.5") COLOR: WHITE
BADMINTON (1.5") COLOR: GRAY

VERIFY COLORS WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.

ENTIRE SHEET SHALL BE ADDED TO CONSTRUCTION SET. AD-2

NORTH

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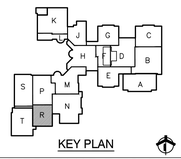
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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Indianapolis, IN 46260
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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
UNIT "R" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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R

SHEET
A-834

Wednesday, 11/3/2021 – 7:50 AM – LAST SAVED BY:CNELSON
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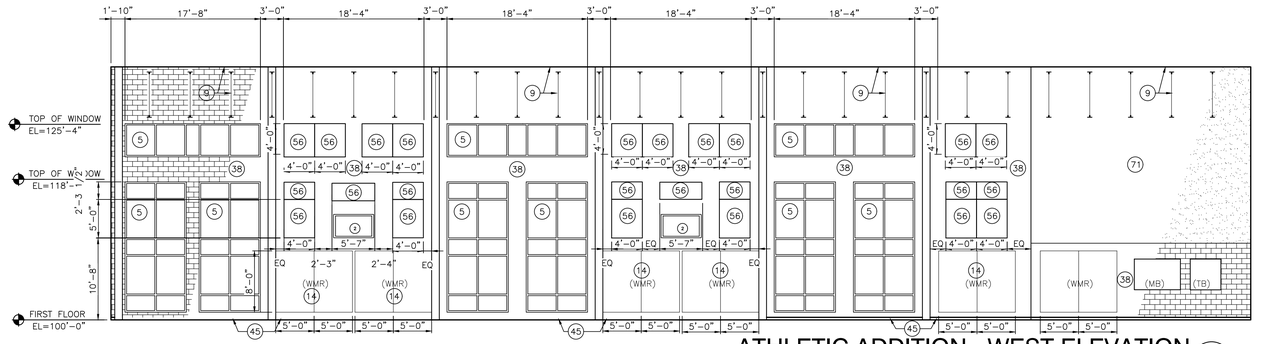
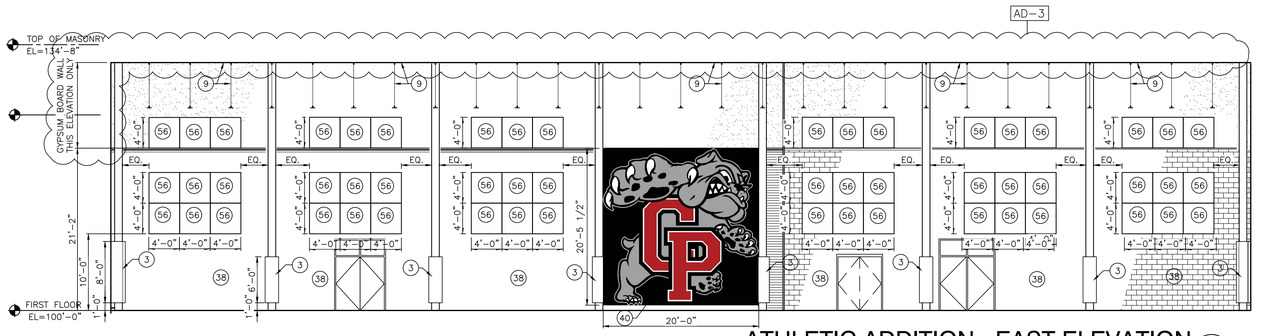


ATHLETIC ADDITION - WEST ELEVATION

SCALE: 1/8" = 1'-0"

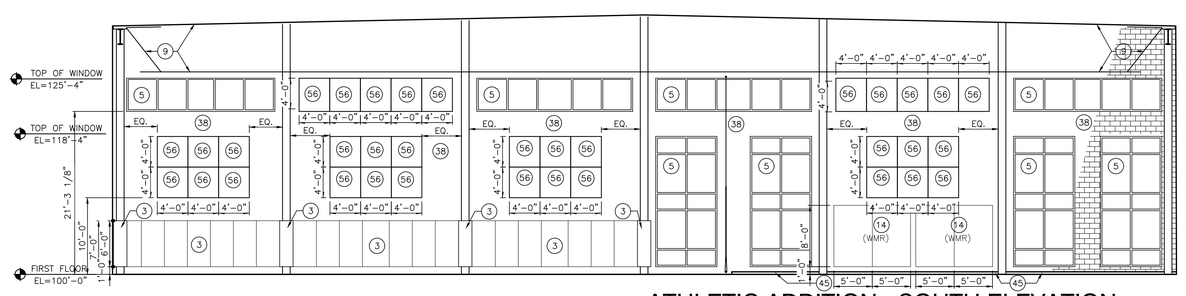
ATHLETIC ADDITION - NORTH ELEVATION

SCALE: 1/8" = 1'-0"



ATHLETIC ADDITION - EAST ELEVATION

SCALE: 1/8" = 1'-0"



ATHLETIC ADDITION - SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

ELEVATION GENERAL NOTES:

A. REFERENCE FINISH LEGEND (A-830) FOR FINISH INFORMATION.

B. REFERENCE FLOOR PATTERN PLANS FOR FLOORING INFORMATION.

C. REFERENCE WRITTEN SPECIFICATIONS, EQUIPMENT PLANS, FINISH PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION

ACOUSTIC WALL PANEL LEGEND

A. REFER TO FINISH LEGEND (A-830) FOR MORE INFORMATION.

- ACOUSTIC ABSORPTION WALL PANELS. (HIGH IMPACT)
- ACOUSTIC DIFFUSION WALL PANELS. (CONVEX) TYPE A
- ACOUSTIC DIFFUSION WALL PANELS. (CONVEX) TYPE B

ELEVATION NOTES:

1. EXISTING ACOUSTIC WALL PANEL
2. TV MONITOR
3. SAFETY CUSHION
4. ELECTRIC WATER FOUNTAIN
5. WINDOW
6. TACKABLE SURFACE COLORED CORK
7. DISPLAY CASE
8. WOOD DOOR
9. PAINT STRUCTURE, DECK AND JOIST, UNLESS OTHERWISE NOTED. PAINT P5. MECHANICAL DUCT WORK SHALL BE PAINTED P4
10. NOT USED
11. PROJECTION SCREEN
12. NOT USED
13. EXISTING MEDIA CASEWORK; PAINT WALL BEFORE CASEWORK IS INSTALLED.
14. MIRROR
15. FOOD SERVICE EQUIPMENT - SEE "K" SERIES SHEETS.

ELEVATION FINISH NOTES:

31. PAINT, P1
32. PAINT, P2
33. PAINT, P3
34. PAINT, P4
35. PAINT, P5
36. PAINT, P6
37. WALLCOATING, W1
38. WALLCOATING, W2
39. NOT USED
40. CUSTOM PAINTED GRAPHIC
41. WALL TILE, WT1
42. WALL TILE, WT2
43. WALL TILE, WT3
44. WALL BASE, B1
45. WALL BASE, B4
46. TILE BASE, TB1
47. TERRAZZO BASE, TZB
48. QUARRY TILE BASE, QB
49. PLASTIC LAMINATE, PL1
50. PLASTIC LAMINATE, PL2
51. PLASTIC LAMINATE, PL3
52. PLASTIC LAMINATE, PL4
53. SOLID SURFACE, SS1
54. SOLID SURFACE, SS2
55. ACOUSTIC WALL PANEL, FW - AWP1
56. ACOUSTIC WALL PANEL, AR - AWP1
57. ACOUSTIC WALL PANEL, SP - AWP1
58. LOCKER, L1
59. PRIVACY CURTAIN, PC1
60. TOILET PARTITION, TP1
61. NOT USED
62. WOOD TRIM, WDT
63. SCHLUTER TRIM, OUTSIDE CORNER AND OR END OF TILE RUN, TRM1
64. EXISTING FINISH TO REMAIN
65. GRAPHIC PANEL 1
66. GRAPHIC PANEL 2
67. GRAPHIC PANEL 3
68. GRAPHIC PANEL 4
69. GRAPHIC PANEL 5
70. GRAPHIC PANEL 6
71. GRAPHIC WALLCOVERING 1
72. GRAPHIC WALLCOVERING 2
73. GRAPHIC WALLCOVERING 3
74. GRAPHIC WALLCOVERING 4
73. PLASTIC LAMINATE, PL5
74. PLASTIC LAMINATE, PL6
75. SOLID SURFACE, SS3

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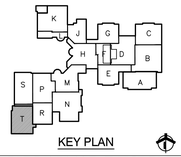
PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EKM CLN
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
INTERIOR ELEVATIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
A-841

Wednesday, 11/3/2021 - 10:05 PM - LAST SAVED BY:EMCCAULEY
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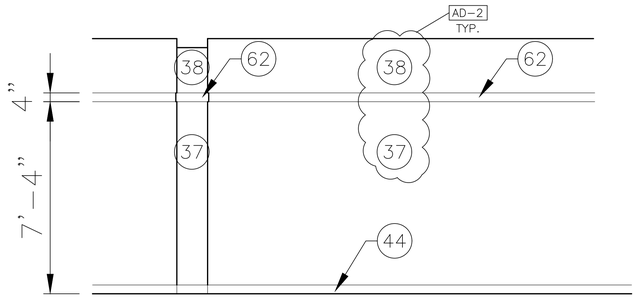

TYPICAL ORRIDOR AND COLUMN FINISHES

SCALE: 1/4" = 1'-0"

3 A-844

ELEVATION FINISH NOTES:

31 PAINT, P1
32 PAINT, P2
33 PAINT, P3
34 PAINT, P4
35 PAINT, P5
36 PAINT, P6
37 WALLCOATING, W1
38 WALLCOATING, W2
39 NOT USED
40 CUSTOM PAINTED GRAPHIC
41 WALL TILE, WT1
42 WALL TILE, WT2
43 WALL TILE, WT3
44 WALL BASE, B1
45 WALL BASE, B4
46 TILE BASE, TB1
47 TERRAZZO BASE, TZB
48 QUARRY TILE BASE, QB
49 PLASTIC LAMINATE, PL1
50 PLASTIC LAMINATE, PL2
51 PLASTIC LAMINATE, PL3
52 PLASTIC LAMINATE, PL4
53 SOLID SURFACE, SS1
54 SOLID SURFACE, SS2
55 ACOUSTIC WALL PANEL, FW - AWP1
56 ACOUSTIC WALL PANEL, AR - AWP1
57 ACOUSTIC WALL PANEL, SP - AWP1
58 LOCKER, L1
59 PRIVACY CURTAIN, PC1
60 TOILET PARTITION, TP1
61 NOT USED
62 WOOD TRIM, WDT
63 SCHLUTER TRIM, OUTSIDE CORNER AND OR END OF TILE RUN, TRIM1
64 EXISTING FINISH TO REMAIN
65 GRAPHIC PANEL 1
66 GRAPHIC PANEL 2
67 GRAPHIC PANEL 3
68 GRAPHIC PANEL 4
69 GRAPHIC PANEL 5
70 GRAPHIC PANEL 6
71 GRAPHIC WALLCOVERING 1
72 GRAPHIC WALLCOVERING 2
73 GRAPHIC WALLCOVERING 3
74 GRAPHIC WALLCOVERING 4
73 PLASTIC LAMINATE, PL5
74 PLASTIC LAMINATE, PL6

AD-2 (39 NOT USED)
AD-2 (61 NOT USED)
AD-2 (65 GRAPHIC PANEL 1 … 74 PLASTIC LAMINATE, PL6)

ELEVATION GENERAL NOTES:

A. REFERENCE FINISH LEGEND (A-830) FOR FINISH INFORMATION.

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5 WINDOW
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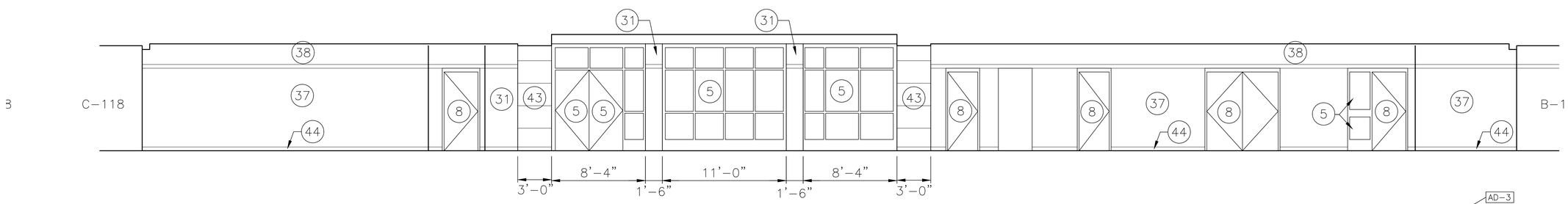
8 WOOD DOOR
9 PAINT STRUCTURE, DECK AND JOIST, UNLESS OTHERWISE NOTED. PAINT P5. MECHANICAL DUCT WORK SHALL BE PAINTED P4
10 NOT USED
11 PROJECTION SCREEN
12 NOT USED
13 EXISTING MEDIA CASEWORK; PAINT WALL BEFORE CASEWORK IS INSTALLED.
14 MIRROR
15 FOOD SERVICE EQUIPMENT - SEE "K" SERIES SHEETS.

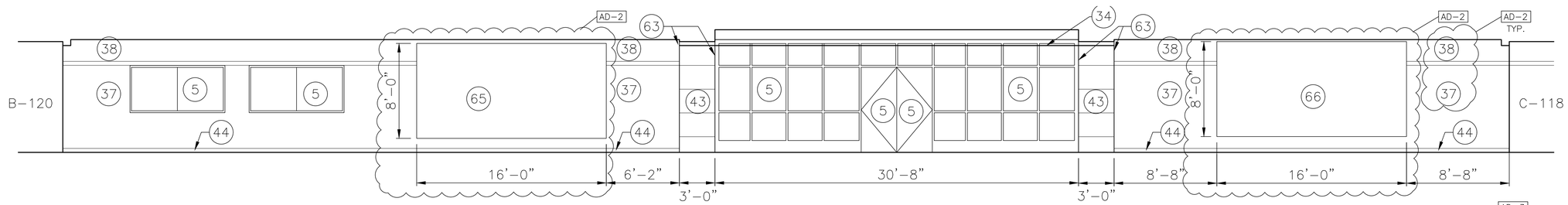


CORRIDOR D-132, B-119, D-134 EAST ELEVATION

SCALE: 1/4" = 1'-0"

AD-3

2 A-844



CORRIDOR D-132, B-119,D-134 WEST ELEVATION

SCALE: 1/4" = 1'-0"

AD-3

1 A-844

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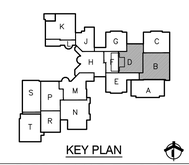
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EKM CLN
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
INTERIOR ELEVATIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
A-844

Tuesday, 11/2/2021 - 10:25 AM - LAST SAVED BY:CNELSON
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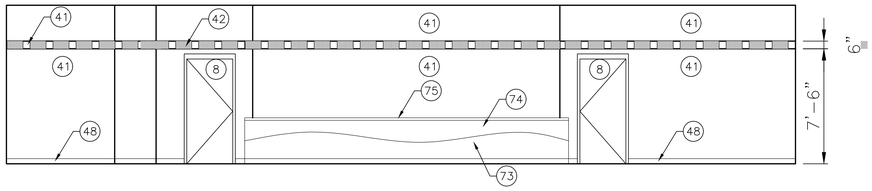
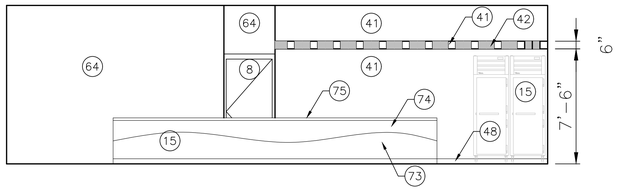


SATELLITE KITCHEN M-136 - SOUTH ELEVATION

SCALE: 1/4" = 1'-0"

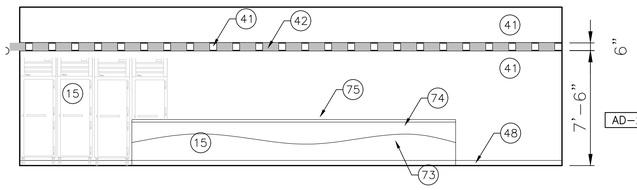
5 A-845



SATELLITE KITCHEN M-136 - EAST ELEVATION

SCALE: 1/4" = 1'-0"

6 A-845

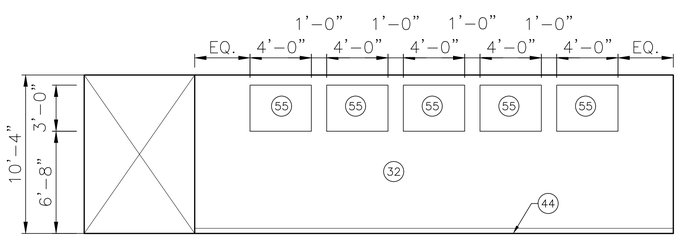


SATELLITE KITCHEN M-136 - WEST ELEVATION

SCALE: 1/4" = 1'-0"

4 A-845

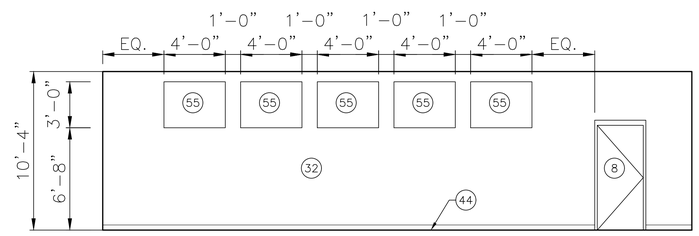
AD-3



LGI ROOM D-105 - NORTH ELEVATION

SCALE: 1/4" = 1'-0"

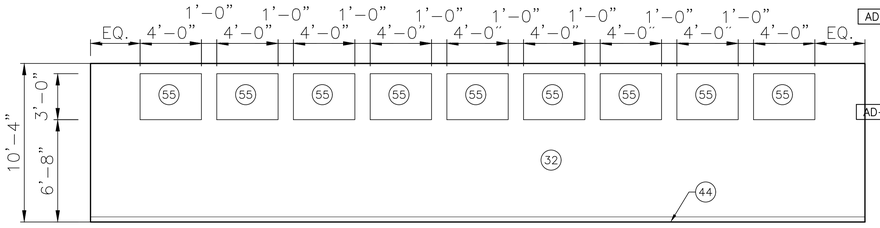
2 A-845



LGI ROOM D-105 - SOUTH ELEVATION

SCALE: 1/4" = 1'-0"

1 A-845



LGI ROOM D-105 - WEST ELEVATION

SCALE: 1/4" = 1'-0"

3 A-845

AD-2

AD-2

AD-2

ELEVATION GENERAL NOTES:

A. REFERENCE FINISH LEGEND (A-830) FOR FINISH INFORMATION.

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ELEVATION NOTES:

1. EXISTING ACOUSTIC WALL PANEL
2. TV MONITOR
3. SAFETY CUSHION
4. ELECTRIC WATER FOUNTAIN
5. WINDOW
6. TACKABLE SURFACE COLORED CORK
7. DISPLAY CASE
8. WOOD DOOR
9. PAINT STRUCTURE, DECK AND JOIST, UNLESS OTHERWISE NOTED. PAINT P5. MECHANICAL DUCT WORK SHALL BE PAINTED P4
10. NOT USED
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12. NOT USED
13. EXISTING MEDIA CASEWORK; PAINT WALL BEFORE CASEWORK IS INSTALLED.
14. MIRROR
15. FOOD SERVICE EQUIPMENT - SEE "K" SERIES SHEETS.

ELEVATION FINISH NOTES:

31. PAINT, P1
32. PAINT, P2
33. PAINT, P3
34. PAINT, P4
35. PAINT, P5
36. PAINT, P6
37. WALLCOATING, W1
38. WALLCOATING, W2
39. NOT USED
40. CUSTOM PAINTED GRAPHIC
41. WALL TILE, WT1
42. WALL TILE, WT2
43. WALL TILE, WT3
44. WALL BASE, B1
45. WALL BASE, B4
46. TILE BASE, TB1
47. TERRAZZO BASE, TZB
48. QUARRY TILE BASE, QB
49. PLASTIC LAMINATE, PL1
50. PLASTIC LAMINATE, PL2
51. PLASTIC LAMINATE, PL3
52. PLASTIC LAMINATE, PL4
53. SOLID SURFACE, SS1
54. SOLID SURFACE, SS2
55. ACOUSTIC WALL PANEL, FW - AWP1
56. ACOUSTIC WALL PANEL, AR - AWP1
57. ACOUSTIC WALL PANEL, SP - AWP1
58. LOCKER, L1
59. PRIVACY CURTAIN, PC1
60. TOILET PARTITION, TP1
61. NOT USED
62. WOOD TRIM, WDT
63. SCHLUTER TRIM, OUTSIDE CORNER AND OR END OF TILE RUN, TRM1
64. EXISTING FINISH TO REMAIN
65. GRAPHIC PANEL 1
66. GRAPHIC PANEL 2
67. GRAPHIC PANEL 3
68. GRAPHIC PANEL 4
69. GRAPHIC PANEL 5
70. GRAPHIC PANEL 6
71. GRAPHIC WALLCOVERING 1
72. GRAPHIC WALLCOVERING 2
73. GRAPHIC WALLCOVERING 3
74. GRAPHIC WALLCOVERING 4
75. PLASTIC LAMINATE, PL5
74. PLASTIC LAMINATE, PL6
75. SOLID SURFACE, SS3

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EKM CLN
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
INTERIOR ELEVATIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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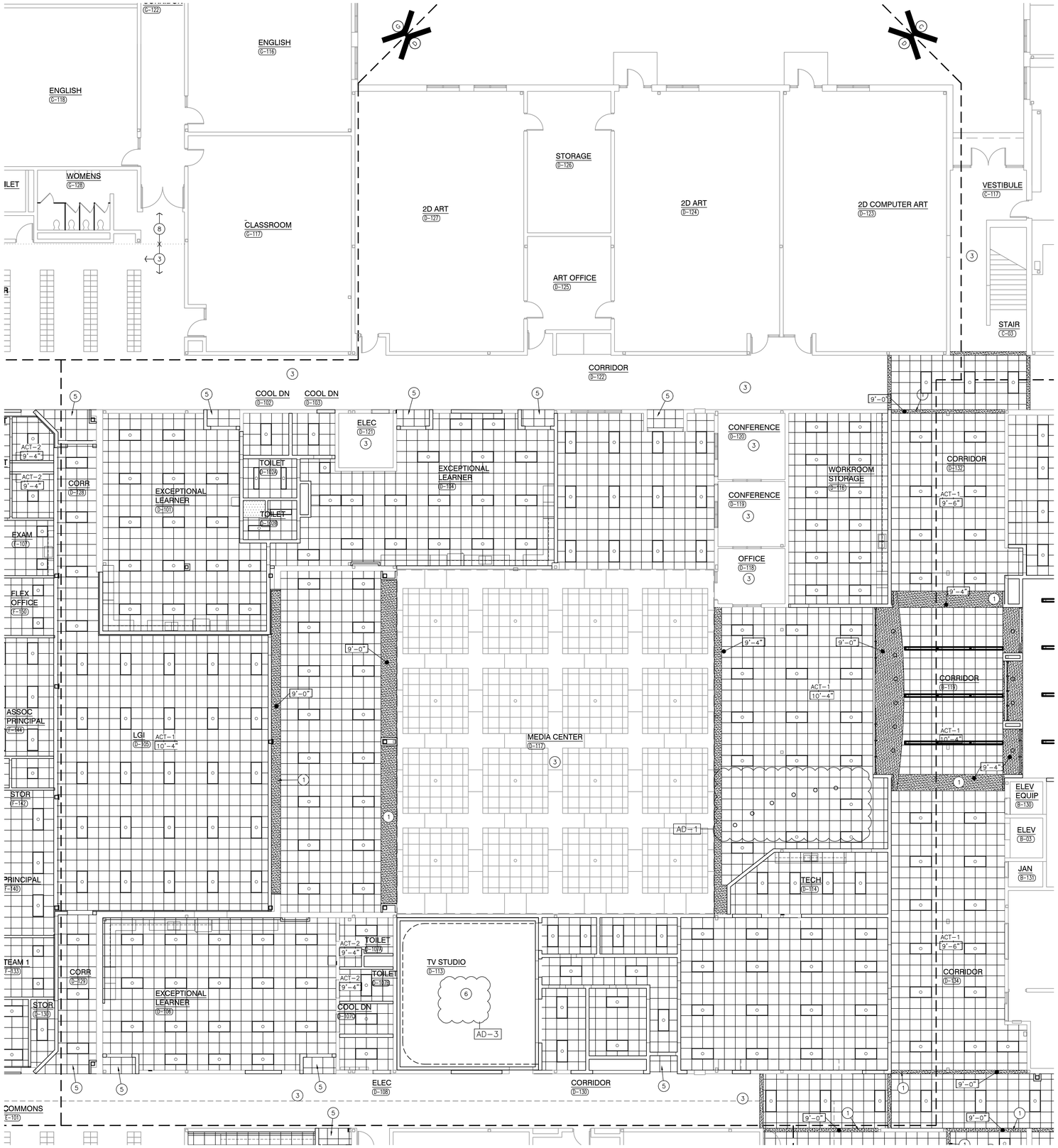
SHEET
A-845

Wednesday, 11/3/2021 - 3:43 PM - LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-845.DWG



GENERAL REFLECTED CEILING PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID. — AD-1
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.
10. CEILING EXPOSED TO STRUCTURE ABOVE. SPRAY DECK WITH 2" (MIN) ACOUSTIC SPRAY INSULATION — AD-3

UNIT "D" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

NORTH

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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DATE 10/11/21
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JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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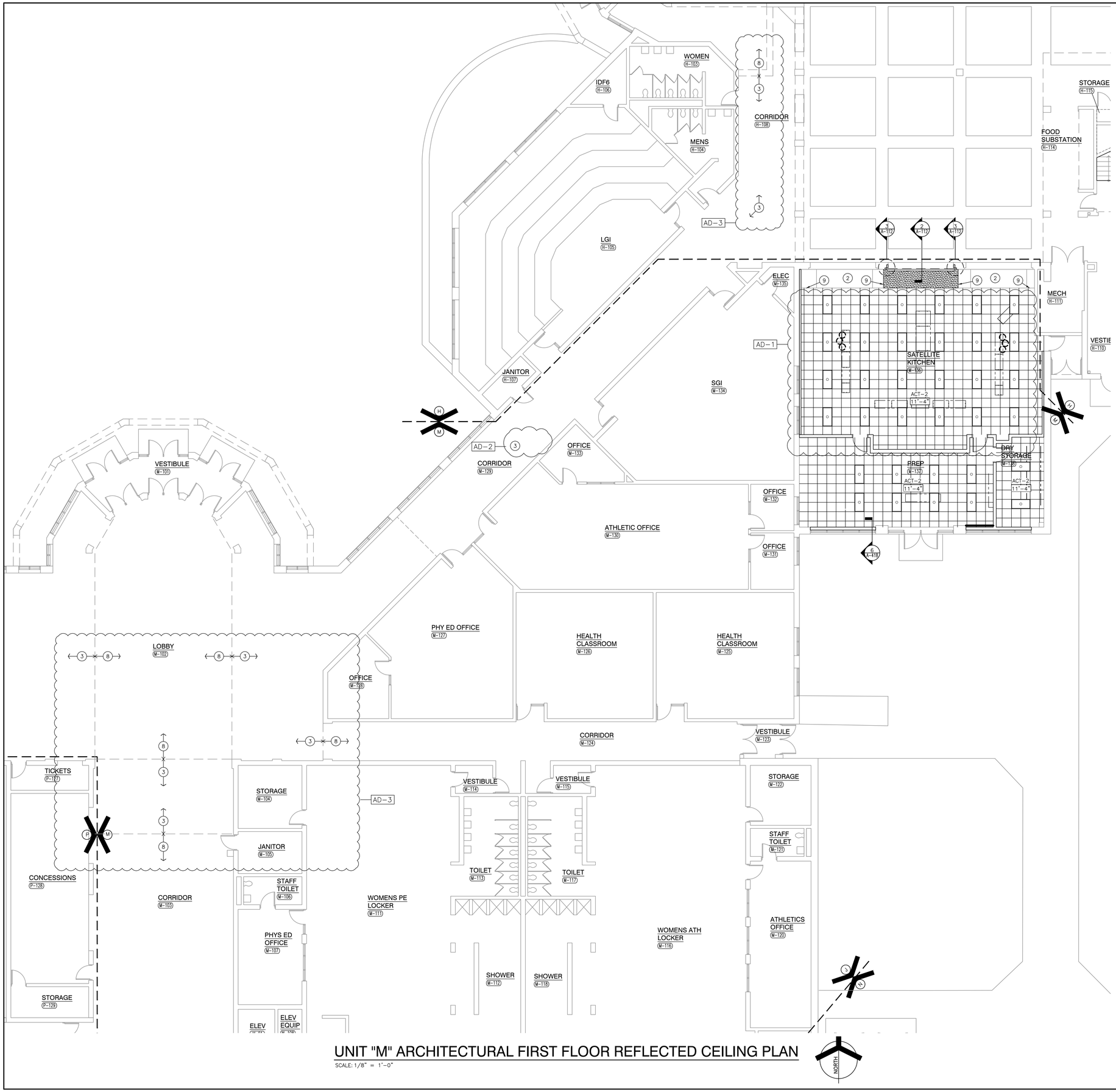
SHEET D A-904

Thursday, 11/4/2021 - 2:21 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-904.DWG



UNIT "M" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

GENERAL REFLECTED CEILING PLAN NOTES:

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B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

- SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED
- GYPSUM BOARD BULKHEAD/CEILING
- EFS SOFFIT
- LED LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. GYPSUM BOARD BULKHEAD. PAINT PX
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

1 A-940 (U.N.O.) AD-1

AD-1

AD-1

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

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AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/4/21	ADDENDUM NO. 3

DRAWING
UNIT "M" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

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SHEET
M
A-912

Wednesday, 11/3/2021 - 9:59 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-912.DWG

GENERAL NOTES

A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE HVAC CODES.

B. COMMISSIONING: THE OWNER WILL HIRE A COMMISSIONING AGENCY (CXA) TO COMMISSION THE MECHANICAL SYSTEMS FOR THIS PROJECT. THE CXA WILL DEVELOP A COMMISSIONING PLAN THAT WILL OUTLINE THE REQUIREMENTS AND PROCEDURES FOR EACH COMMISSIONED SYSTEM AND WILL BE RESPONSIBLE THAT THE COMMISSIONING MEETS THE REQUIREMENTS OF THE CURRENT ENERGY CODE. THE COMMISSIONING PLAN WILL BE DEVELOPED AFTER CONTRACTS HAVE BEEN AWARDED AND PRIOR TO COMPLETION OF THE SYSTEMS TO BE COMMISSIONED.

C. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE PERFORMED UNDER THE DIRECTION OF A CONSTRUCTION MANAGER. REFER TO THE CONSTRUCTION MANAGER'S INSTRUCTIONS AND DIRECTIONS FOR DETAILS RELATING TO THE EXACT SCOPE OF EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGER'S DIRECTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.

D. LAYOUT IS DIAGRAMMATIC AND CONTRACTOR SHALL INSTALL DUCTWORK, PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.

E. LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE.

F. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY EQUIPMENT.

G. SOME CEILING SPACES ARE RETURN AIR PLENUMS AS INDICATED ON PLANS. EXAMINE PLENUM BEFORE CEILING IS INSTALLED (OR REPLACED) AND COORDINATE THE SEALING OF OPENINGS AROUND PIPING, DUCTWORK, CONDUIT, ETC., AND OPENINGS TO OUT-OF-DOORS AND ADJACENT SPACES. COORDINATE THE INSTALLATION OF PARTITIONS/DIVIDERS WITHIN CEILING SPACE AS REQUIRED TO CONFINE RETURN PLENUM TO AREAS INDICATED.

H. COORDINATE EXACT LOCATION OF CEILING REGISTERS, GRILLES AND DIFFUSERS WITH LIGHTING LAYOUT, SPRINKLER HEADS, AND CEILING GRID. SEE ARCHITECTURAL REFLECTED CEILING PLAN. VERIFY EXACT LOCATION IN FIELD PRIOR TO INSTALLATION. VERIFY CEILING STYLES AND TYPES BEFORE ORDERING REGISTERS, GRILLES AND DIFFUSERS. PROVIDE APPROPRIATE FRAME STYLES AS REQUIRED TO MATCH CEILING STYLE AND TYPES. SET ADJUSTABLE BLADES AS REQUIRED FOR OPTIMUM AIR PATTERN AND TO PREVENT DRAFTS. THE MINIMUM DISTANCE BETWEEN SUPPLY DIFFUSERS/REGISTERS AND SMOKE OR HEAT DETECTORS IS TO BE A MINIMUM OF 3'. COORDINATE WITH FIRE ALARM SYSTEM AS REQUIRED.

I. ROUTE DUCTWORK AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH OTHER TRADES. ROUTE DUCTWORK BETWEEN AND THROUGH JOIST SPACES AND BETWEEN LIGHT FIXTURES AS REQUIRED. VERIFY CONDITIONS AND DUCTWORK ROUTING IN FIELD PRIOR TO INSTALLATION.

J. DUCTWORK, PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

K. FLEXIBLE DUCTWORK SHALL BE UL LABELED FOR USE IN RETURN AIR PLENUM. ACOUSTICAL FLEXIBLE DUCTWORK AT THE INLET TO AIR DIFFUSERS MAY BE USED. FLEXIBLE CONNECTIONS SHALL BE 5'-0" MAXIMUM LENGTH, AND SHALL BE SUPPORTED WHERE REQUIRED TO PREVENT MOVEMENT.

L. PROVIDE MANUAL BALANCING DAMPERS AT EACH SUPPLY AIR DUCT AND EACH LOW PRESSURE SUPPLY AIR, RETURN AIR AND EXHAUST DUCTWORK TAKE-OFF INCLUDING TAKEOFFS TO EACH AIR DISTRIBUTION DEVICE. DAMPERS SHALL HAVE LOCKING QUADRANT REGULATORS WITH SPRING LOADED END BEARINGS. INSTALLATION SHALL BE RATTLE FREE. BE RESPONSIBLE FOR LOCATING BALANCING DEVICES AND COORDINATE LOCATIONS FOR TESTING AND BALANCING.

M. TRANSFER AIR RETURN GRILLES TO CEILING RETURN PLENUM ARE TO BE PROVIDED WITH A 90 DEGREE MITERED ELBOW ACOUSTICALLY LINED WITH 1/2" THICK DUCT LINER. SEE DETAIL ON PLANS.

N. RETURN AIR OPENINGS AND TRANSFER AIR OPENINGS IN CEILING PLENUMS ARE TO BE COVERED BY 1/2" X 1/2" SCREEN MESH. PROVIDE ADDITIONAL TRANSFER AIR OPENINGS THROUGH WALLS DIVIDING CEILING RETURN PLENUMS. TRANSFER AIR OPENINGS TO BE SIZED FOR A MAXIMUM VELOCITY OF 500 FPM AT PEAK CONDITIONS. PROVIDE FIRE OR SMOKE/FIRE DAMPERS IN OPENINGS AS NECESSARY.

O. LOCATE VAV BOXES IN ACCESSIBLE LOCATIONS. ARRANGE CONTROLS OF VAV BOX AS REQUIRED FOR MAXIMUM ACCESSIBILITY. PROVIDE ACCESS DOORS WHEN REQUIRED. MEDIUM PRESSURE DUCTWORK TAKE-OFFS TO VAV BOXES SHALL BE MADE WITH 45 DEGREE TAKE-OFF FITTINGS, CONICAL FITTINGS, AND/OR ENLARGED ENTRANCE LOW-LOSS TAKE-OFF FITTINGS. PROVIDE MINIMUM 2'-0" STRAIGHT INLET DUCT TO UPSTREAM OF VAV BOXES. PROVIDE DUCTWORK TRANSITION FROM VAV BOX OUTLET TO DUCT SIZE DOWNSTREAM OF VAV BOX INDICATED ON PLAN.

P. BAROMETRIC RELIEF DAMPERS TO BE EQUIVALENT TO AMERICAN WARMING MODEL BD-52 LOW LEAKAGE DAMPERS SET AT 0.05" SP.

Q. VERIFY EXACT THERMOSTAT AND SENSOR LOCATIONS IN FIELD PRIOR TO ROUGH-IN OR INSTALLATION. CONTROL WIRING TO BE ROUTED IN CONDUIT.

R. PROVIDE AGA APPROVED GAS REGULATOR AT EQUIPMENT REQUIRING LOWER GAS PRESSURE THAN PROVIDED, INCLUDING PIPING BRANCHES SERVING EXISTING EQUIPMENT AND APPLIANCES TO REMAIN. EXTEND GAS REGULATOR VENTS LINE SIZE TO ATMOSPHERE AS REQUIRED. DO NOT COMBINE VENT LINES.

S. REFRIGERANT PIPING INSTALLATION INCLUDING SIZING IS TO BE AS PER MANUFACTURER'S RECOMMENDATIONS FOR THE ACTUAL FIELD ROUTING AND FOR THE EQUIPMENT PROVIDED. PROVIDE ALL SUCTION LINE TRAPS, SOLENOID VALVES, SIGHT GLASSES AND FILTER/DRIERS AS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

T. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY EQUIPMENT, DUCTWORK AND PIPING AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.

U. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT ALL TIMES. REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING MECHANICAL SYSTEMS.

V. VISIT SITE PRIOR TO BIDDING TO FULLY DETERMINE FIELD CONDITIONS AND TO VERIFY EXISTING MECHANICAL SYSTEMS INCLUDING QUANTITIES AND LOCATIONS TO DETERMINE THE FULL EXTENT OF NEW AND DEMOLITION WORK.

W. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. ANY EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC., SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW MECHANICAL SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE ANY CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC., SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET SCOPE OF NEW WORK.

X. EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY. BE RESPONSIBLE TO PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE REVIEWED AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.

Y. ANY HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. OTHERWISE, BE RESPONSIBLE FOR ANY AND REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.

Z. REMOVE EXISTING EQUIPMENT, PIPING, DUCTWORK, ETC. PRESENTLY SERVING AREAS THAT ARE BEING RENOVATED AND THAT ARE NOT REQUIRED TO STAY IN SERVICE. NO EQUIPMENT, DUCTWORK, PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED IN FIELD. REMOVE EXISTING ABANDONED EQUIPMENT, DUCTWORK AND PIPING IN AREAS THAT ARE TO BE RENOVATED.

AA. REMOVED DUCTWORK, PIPING AND CONTROLS ARE TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. PATCH AND SEAL EXISTING DUCTWORK AIRTIGHT. CAP PIPING WATERTIGHT. PROVIDE ADDITIONAL DUCTWORK, PIPING AND CONTROLS AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS. REPAIR DAMAGED DUCTWORK AND PIPING INSULATION DUE TO NEW INSTALLATION WORK.

BB. CAPTURE EXISTING REFRIGERANT FROM EXISTING REFRIGERANT PIPING AS REQUIRED AND REUSE OR DISPOSE OF IN A LEGAL MANNER.

CC. EXISTING EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER AND OWNER SHALL DETERMINE IF EQUIPMENT IS TO BE STORED ON SITE AT OWNER SELECTED LOCATION OR IF EQUIPMENT IS TO BE ABANDONED OR REMOVED FROM SITE.

DD. PATCH EXISTING CEILING, FLOOR, WALL AND ROOF OPENINGS AND SURROUNDING FINISHES RESULTING FROM REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT FINISH WILL MATCH EXISTING IN SURROUNDING AREAS. OPENINGS IN MASONRY WALLS RESULTING FROM REMOVED THERMOSTATS ARE TO BE COVERED WITH A BLANK STAINLESS STEEL COVER PLATE.

EE. PROVIDE AND INSTALL PVC PIPE PLENUM WRAP, TESTED TO UL 94 AND UL 910, FOR ALL EXISTING PVC PIPING IN NEW OR EXISTING RETURN AIR CEILING PLENUMS.

FF. PROVIDE FINISHING OF EXISTING CEILING, FLOOR, AND WALL SURFACES AT LOCATIONS AFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.

GG. REMOVE EXISTING CEILINGS AND LIGHT FIXTURES REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING AND LIGHT FIXTURES UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.

HH. PROVIDE CUTTING, CORE DRILLING AND PATCHING OF EXISTING WALL AND ROOF CONSTRUCTIONS REQUIRED FOR THE INSTALLATION OF NEW DUCTWORK, PIPING AND EQUIPMENT. SEAL PENETRATIONS THROUGH WALL AND ROOF STRUCTURE WATERTIGHT AND WITH AN APPROVED FIRE STOPPING MATERIAL, INCLUDING APPROVED FIRE RATED SLEEVE.

II. PROVIDE STEEL ANGLE SUPPORTS FOR NEW ROOFTOP EQUIPMENT AND SUPPORT RAILS/CURBS. PROVIDE STEEL ANGLE FRAMES AROUND DUCT PENETRATIONS. SECURELY ANCHOR SUPPORTS AND FRAMES TO EXISTING STEEL JOISTS AND BEAM. REWORK EXISTING ROOFING AND INSULATION AND FLASH INTO EXISTING ROOFING TO PROVIDE A WEATHERTIGHT CONDITION AND TO MAINTAIN WARRANTY.

JJ. PROVIDE STEEL LINTELS FOR NEW OPENINGS THROUGH EXISTING MASONRY WALLS AS REQUIRED. LINTELS TO BE AS FOLLOWS UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS: TWO (2) 3-1/2"X3-1/2"X 5/16" ANGLES WITH 5/16" PLATE (1/2" LESS THAN WALL THICKNESS). PROVIDE W8X10 WITH 5/16" PLATE FOR OPENINGS ABOVE 48" WIDE.

KK. WORK ON THE ROOF SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE EXISTING ROOFING MANUFACTURER'S RECOMMENDATIONS. ROOF WORK SHALL BE PERFORMED BY CERTIFIED INSTALLERS AS TO MAINTAIN THE EXISTING ROOF WARRANTY. PRIOR TO THE START OF ANY WORK ON THE ROOF, EXISTING ROOF SHALL BE INSPECTED AND CERTIFIED BY THE EXISTING ROOFING MANUFACTURER. ANY DEFICIENCIES WHICH OCCUR BETWEEN THE INITIAL AND FINAL INSPECTIONS SHALL BE CORRECTED AT NO COST TO THE OWNER. CORRECTIVE MEASURES SHALL BE PERFORMED BY CERTIFIED INSTALLERS TO MAINTAIN THE EXISTING ROOF WARRANTY.

LL. MOUNT NEW THERMOSTATS IN EXISTING SPACES AT LOCATIONS VACATED BY OLD THERMOSTAT WHEN POSSIBLE. REUSE EXISTING CONDUIT IF FOUND TO BE IN GOOD CONDITION.

MM. PROVIDE AN APPROVED SURFACE MOUNTED RACEWAY AS REQUIRED FOR INSTALLATION OF NEW THERMOSTATS ON EXISTING WALLS TO CONCEAL CONTROL WIRING. SUBMIT SAMPLE OF RACEWAY FOR REVIEW. COORDINATE ROUTING OF RACEWAYS WITH EXISTING BUILDING CONDITIONS AND ADJUST ROUTING TO AVOID CONFLICTS AND TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE MOUNTED RACEWAY.

NN. REPAIR AND/OR REPLACE DAMAGED PIPE INSULATION THAT OCCURS AS THE RESULT OF THIS CONSTRUCTION.

OO. MINIMUM SIZE FOR HOT WATER HEATING SUPPLY AND RETURN PIPING TO BE 3/4".

PP. DRAIN AND REFILL EXISTING PIPING SYSTEMS AS REQUIRED FOR INSTALLATION OF NEW WORK. PROVIDE CHEMICAL TREATMENT, GLYCOL/ANTI-FREEZE MIXTURE FOR WATER PIPING SYSTEM ACCORDING TO OWNER'S REQUIREMENTS AFTER SYSTEM IS FILLED AND VENTED. PROPERLY VENT PIPING SYSTEMS.

QQ. PROVIDE CONCRETE EQUIPMENT PADS FOR EQUIPMENT INDICATED ON DRAWINGS. COORDINATE LOCATIONS BEFORE INSTALLATION. PADS ARE TO BE DESIGNED WITH REINFORCEMENT TO HANDLE THE WEIGHT OF THE EQUIPMENT BEING SUPPORTED. EXTERIOR CONCRETE PADS TO BE PROVIDED WITH FROST WALLS (MINIMUM OF 48" BELOW GRADE).

RR. PROVIDE WATERTIGHT 4" HIGH CONCRETE CURBS AROUND DUCTWORK AND PIPING FLOOR OPENINGS IN MECHANICAL ROOMS LOCATED ABOVE FINISHED SPACES.

SS. PROVIDE CONDENSATE PIPING FROM ROOF TOP HVAC UNITS, COOLING COIL DRAIN PANS, CONDENSATE PUMPS, HUMIDIFIERS, FURNACES, ETC. AS REQUIRED TO ROOF NEAREST DRAIN OR TO WHERE INDICATED ON DRAWINGS. THE PIPING IS TO BE THE SAME SIZE AS THE EQUIPMENT CONNECTION SIZE. PROVIDE TRAPS IN CONDENSATE PIPING PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

TT. PROVIDE CONDENSATE PUMPS, RECEIVERS, PIPING AND ELECTRICAL CONNECTIONS AS REQUIRED AT EQUIPMENT WHERE EQUIPMENT DRAINS CANNOT BE DRAINED BY GRAVITY DUE TO FIELD CONDITIONS.

UU. PROVIDE APPURTENANCES (I.E. EXPANSION COMPENSATORS, FLEXIBLE CONNECTIONS, EXPANSION LOOPS, JUNCTION BOXES, ETC.) NECESSARY TO CROSS EXPANSION JOINTS IN BUILDING CONSTRUCTION WITH CONDUIT, PIPING, DUCTWORK, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND QUANTITY OF EXPANSION JOINTS.

VV. PROVIDE STRUCTURAL SUPPORT FOR FREE STANDING AND WALL MOUNTED PANELS, VFD'S, MOTOR STARTERS, ETC. IN MECHANICAL ROOMS AS REQUIRED.

WW. ADJUST NEW ROOF-TOP EQUIPMENT LOCATIONS BEING INSTALLED ON EXISTING ROOF LOCATIONS AS REQUIRED TO COORDINATE WITH EXISTING STRUCTURAL CONDITIONS. PROVIDE OUTSIDE AIR-INTAKE EXTENSIONS WITH DUCTWORK SUPPORTS AS REQUIRED TO MAINTAIN MINIMUM 10 FEET CLEARANCE BETWEEN OAI OPENING AND ANY EXHAUST OR VENT LOCATION. EXISTING CEILING SPACES ARE MINIMAL HEIGHT - COORDINATE DUCTWORK INSTALLATION BETWEEN STRUCTURAL JOISTS, CEILING AND LIGHT FIXTURES AS REQUIRED. PROVIDE INCREASE HEIGHT ROOF CURBS AS REQUIRED TO DUCTWORK TRANSITIONS BETWEEN EXISTING STRUCTURAL COMPONENTS.

XX. PROVIDE VENT PIPING FROM ALL GAS PRESSURE REDUCING STATIONS. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET ALL CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.

YY. PROVIDE RELIEF VENT PIPING FOR REFRIGERATION EQUIPMENT. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.

ZZ. PROVIDE A WATERTIGHT SHEET METAL DRIP PAN OVER ELECTRICAL EQUIPMENT INSTALLED UNDER OR NEAR PIPING SYSTEMS. DRIP PAN TO EXTEND MINIMUM 3" OVER FRONT AND SIDES OF ELECTRICAL EQUIPMENT AND BE PITCHED AT A MINIMUM 30 DEGREE ANGLE. SEAL DRIP PAN WATERTIGHT TO WALL.

AAA. REMOVE EXISTING DOORS AND PORTIONS OF WALLS, CEILINGS, ETC. AS REQUIRED TO INSTALL NEW MATERIAL AND EQUIPMENT IN EXISTING LOCATIONS. REBUILD WALLS, CEILINGS AND REINSTALL EXISTING DOORS AS REQUIRED AFTER INSTALLATION OF NEW MATERIAL AND EQUIPMENT. PATCH AND FINISH TO MATCH EXISTING.

BBB. PROVIDE ROOF PIPING SUPPORTS FOR PIPING ROUTED ALONG ROOF. SINGLE PIPE SUPPORTS TO BE EQUIVALENT TO PORTABLE PIPE HANGER, INC. TYPE PP-10 ROLLER GUIDE SUPPORT. MULTIPLE PIPE SUPPORTS TO BE EQUIVALENT TO PORTABLE PIPE HANGER, INC. TYPE PP10 CHANNEL GUIDE SUPPORT. SUPPORTS ARE TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. SUPPORTS TO BE COMPATIBLE WITH AND MAINTAIN THE INTEGRITY (AND EXISTING WARRANTY IF APPLICABLE) OF THE EXISTING OR NEW ROOF SYSTEM.

SYMBOLS/ABBREVIATIONS

SYMBOL	DESCRIPTION
	SQUARE TO ROUND TRANSITION
	EXISTING DUCTWORK
	NEW DUCTWORK
	DUCTWORK TO BE REMOVED
	DUCT TRANSITION
	CAP EXISTING DUCTWORK AS REQUIRED
	NEW DUCTWORK TO TIE INTO EXISTING DUCTWORK
T/A	TRANSFER AIR DUCT. SEE DRAWINGS FOR SIZE. SEE DETAIL ON SHEET M-XX.
	SUPPLY AIR DUCT DOWN
	SUPPLY AIR DUCT UP
	RETURN OR EXHAUST DUCT DOWN
	RETURN OR EXHAUST DUCT UP
	VAV W/ HOT WATER REHEAT COIL
	RETURN OR EXHAUST REGISTER
	SUPPLY AIR DIFFUSER
	SLOT DIFFUSER W/ PLENUM
	FLEXIBLE DUCTWORK
	AUTOMATIC (MOTORIZED) DAMPER
	FIRE - SMOKE DAMPER
	SEE SCHEDULES
	SHEET NOTE
SD	DUCT SMOKE DETECTORS PROVIDED BY UNIT MANUFACTURER
T	THERMOSTAT - ADJUSTABLE
T G	THERMOSTAT W/ COVER GUARD
HWS	HOT WATER SUPPLY PIPING
HWR	HOT WATER RETURN PIPING
CHWS	CHILLED WATER SUPPLY PIPING
CHWR	CHILLED WATER RETURN PIPING
	REFRIGERANT PIPE
	PIPING SLOPED DOWN
	PIPING TO BE REMOVED
	EXISTING PIPING
	PIPE TURNED UP
	PIPE TURNED DOWN
	PIPE EXPANSION
EC	PIPE EXPANSION GUIDE
AN	PIPE EXPANSION ANCHOR
GM	GAS METER
	INLINE PUMP
	UNION
	CIRCUIT SETTER
	SHUT-OFF VALVE
	GAS COCK
	SHUT-OFF VALVE IN RISER
	CHECK VALVE
	STRAINER
	PRESSURE REDUCING VALVE
	2-WAY AUTOMATIC VALVE
	3-WAY AUTOMATIC VALVE
	CONTROL VALVE
	TRIPLE DUTY VALVE
	O S & Y VALVE
RPZ	RPZ UNIT
	FLOW SWITCH
	RELIEF VALVE
	MANUAL AIR VENT
	THERMOMETER
	PRESSURE GAUGE
	PRESSURE SENSOR
	ASCO MODEL 8214 GAS SOLENOID VALVE
AD-3	

ABBREVIATIONS	DESCRIPTION
AD	AUTOMATIC (MOTORIZED) DAMPER
AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AH	AIR HANDLING UNIT
AVG	AVERAGE
B	BOILER
BJA	BETWEEN JOIST ABOVE
BP	BOILER PUMP
BRD	BAROMETRIC RELIEF DAMPER
C	CHILLER
CAI	COMBUSTION AIR INTAKE
CAT	CONDENSING AIR TEMPERATURE
CD	CONDENSATE DRAIN
CEB	CONCRETE EQUIPMENT BASE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CHP	CHILLER PUMP
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
CT	COOLING TOWER
CTE	CONNECT TO EXISTING
CU	CONDENSING UNIT
CWP	CHILLER WATER CIRCULATION PUMP
DN.	DOWN
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EDB	ENTERING DRY BULB TEMPERATURE
ER	EXHAUST/RETURN
ERV	ENERGY RECOVERY VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
EXH	EXHAUST
F	FURNACE
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FMS	FACILITY MANAGEMENT SYSTEM
G	NATURAL GAS
GEF	GENERAL EXHAUST FAN
GPM	GALLONS PER MINUTE
HCS	HOT/CHILLED SUPPLY
HP	HORSE POWER
HWP	HOT WATER PUMP
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
HZ	HERTZ
L	LIQUID
LAT	LEAVING AIR TEMPERATURE
LDB	LEAVING DRY BULB TEMPERATURE
LV	LOUVER
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MBH	1,000 BTU/HOUR
MC	MECHANICAL CONTRACTOR
MOD	MODULATING
NC	NORMALLY CLOSED
NK	NECK
NO	NORMALLY OPEN
NTS	NOT TO SCALE
O/A	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
OBD	OPPOSED BLADE DAMPER
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SENSOR
PSI	POUNDS PER SQUARE INCH
R/A	RETURN AIR
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
RT	ROOFTOP UNIT
S	SUCTION
S/A	SUPPLY AIR
SHC	SENSIBLE HEAT CAPACITY
SL	SILENCER
T/A	TRANSFER AIR
TC	TEMPERATURE CONTROL
TEF	TOILET EXHAUST FAN
TJA	THRU JOIST ABOVE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UD	UNDERCUT DOOR
UH	UNIT HEATER
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
WC	WATER COLUMN
WPD	WATER PRESSURE DROP

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
MECHANICAL NOTES, SYMBOLS & ABBREVIATIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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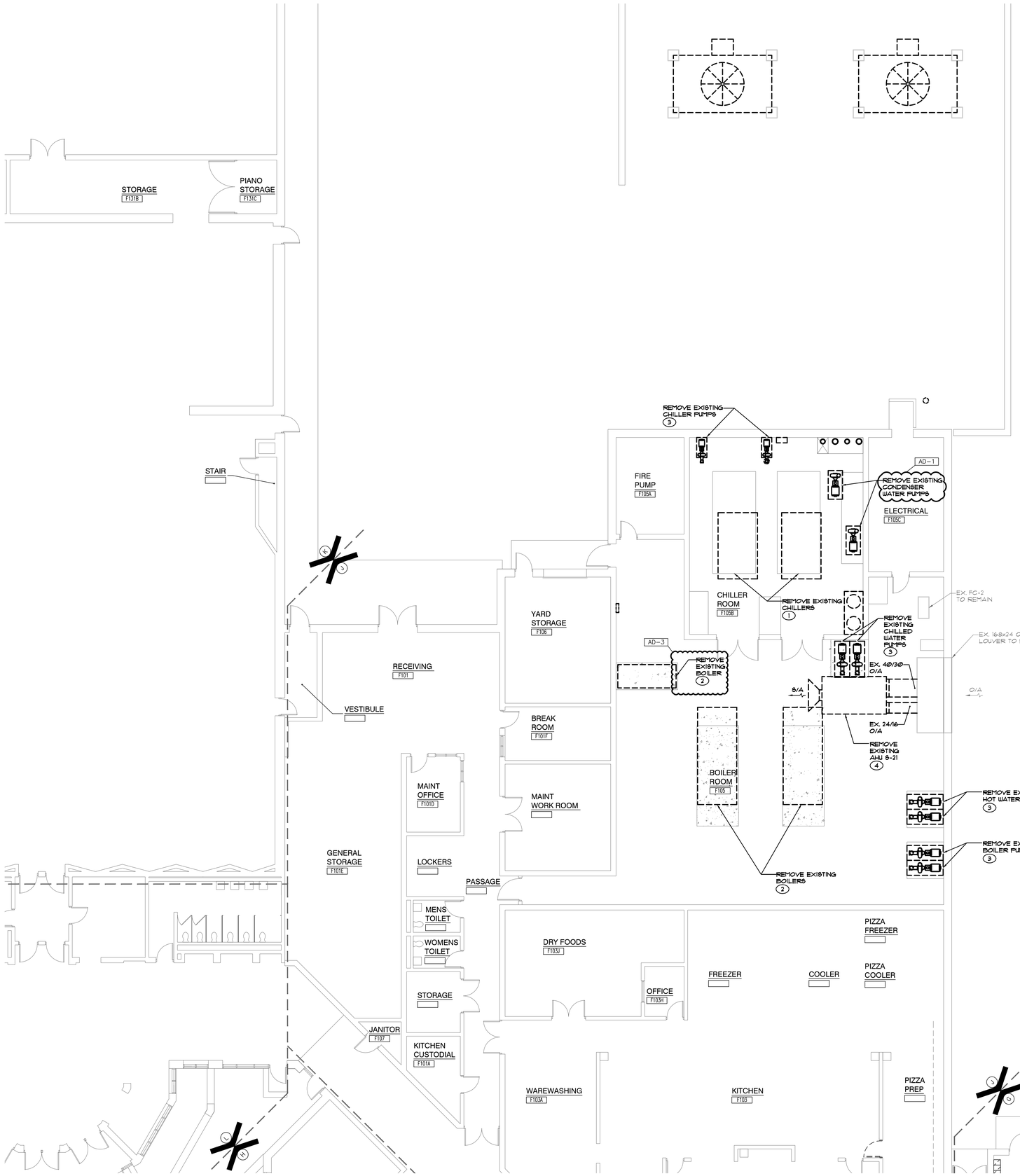
SHEET
M-001



MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN - UNIT "J"

SCALE: 1/8" = 1'-0"

NORTH

SHEET NOTES

1. REMOVE EXISTING INTERIOR AIR-COOLED CHILLER AND ASSOCIATED CHILLED WATER PIPING, PUMPS, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. CHILLER IS CONNECTED TO A 2-PIPE DISTRIBUTION SYSTEM.
2. REMOVE EXISTING BOILERS AND ALL ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, GAS PIPING, MAKE-UP WATER, EXPANSION TANK, SPECIALTIES, FLUES, CONTROLS, ELECTRICAL POWER CONNECTIONS, ETC COMPLETE AS REQUIRED.
3. REMOVE EXISTING HOT WATER AND CHILL WATER PUMPS AND ALL ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, VALVES, CONTROLS, ELECTRICAL POWER CONNECTIONS, ETC COMPLETE AS REQUIRED.
4. REMOVE EXISTING SUSPENDED INTERIOR HVAC UNIT AND ASSOCIATED SUPPLY DUCT, RETURN DUCT, OUTSIDE AIR DUCTWORK, THERMOSTAT, CONTROL WIRING, HOT WATER PIPING, VALVES, ELECTRICAL CONNECTIONS ETC. COMPLETE AS REQUIRED.

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FOR:
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CROWN POINT, INDIANA

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DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNETT NO. 10302590 STATE OF INDIANA

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DRAWING
MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN - UNIT J

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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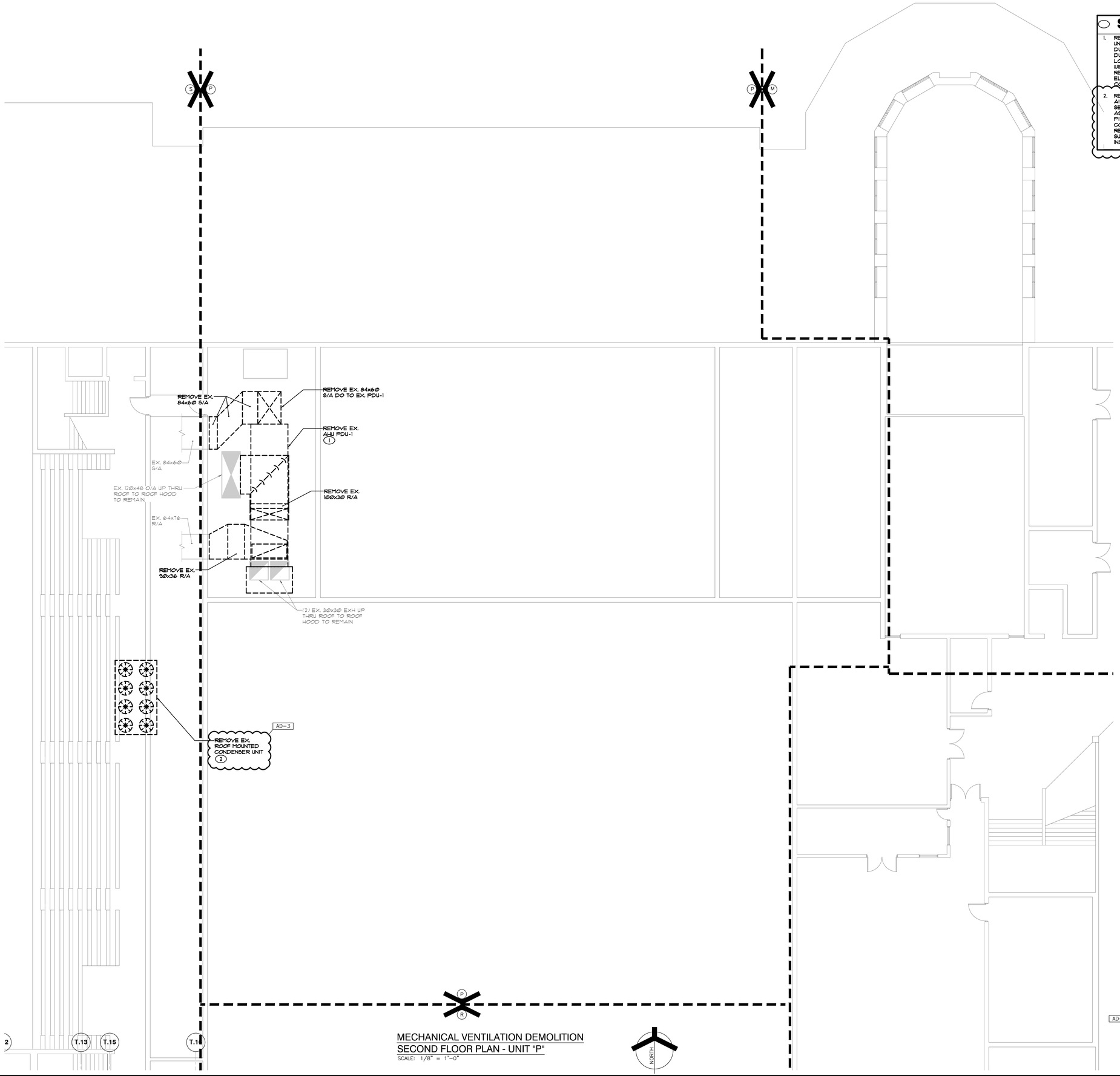
J MD109



SHEET NOTES

1. REMOVE EXISTING INTERIOR HVAC UNIT AND ASSOCIATED SUPPLY DUCT, RETURN DUCT, OUTSIDE AIR DUCTWORK, OUTSIDE AIR INTAKE LOUVER, THERMOSTAT, CONTROL WIRING, HOT WATER PIPING, REFRIGERANT PIPING, VALVES, ELECTRICAL CONNECTIONS ETC. COMPLETE AS REQUIRED.
2. REMOVE EXISTING ROOF MOUNTED AIR-COOLED CONDENSER SERVING EXISTING PDU-1 AND ASSOCIATED REFRIGERANT PIPING, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF SUPPORTS TO REMAIN FOR INSTILLATION OF NEW CONDENSER.

AD-3

MECHANICAL VENTILATION DEMOLITION
SECOND FLOOR PLAN - UNIT "P"
SCALE: 1/8" = 1'-0"

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AD-3	11/04/21	ADDENDUM NO. 3

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MECHANICAL VENTILATION DEMOLITION SECOND FLOOR PLAN - UNIT P

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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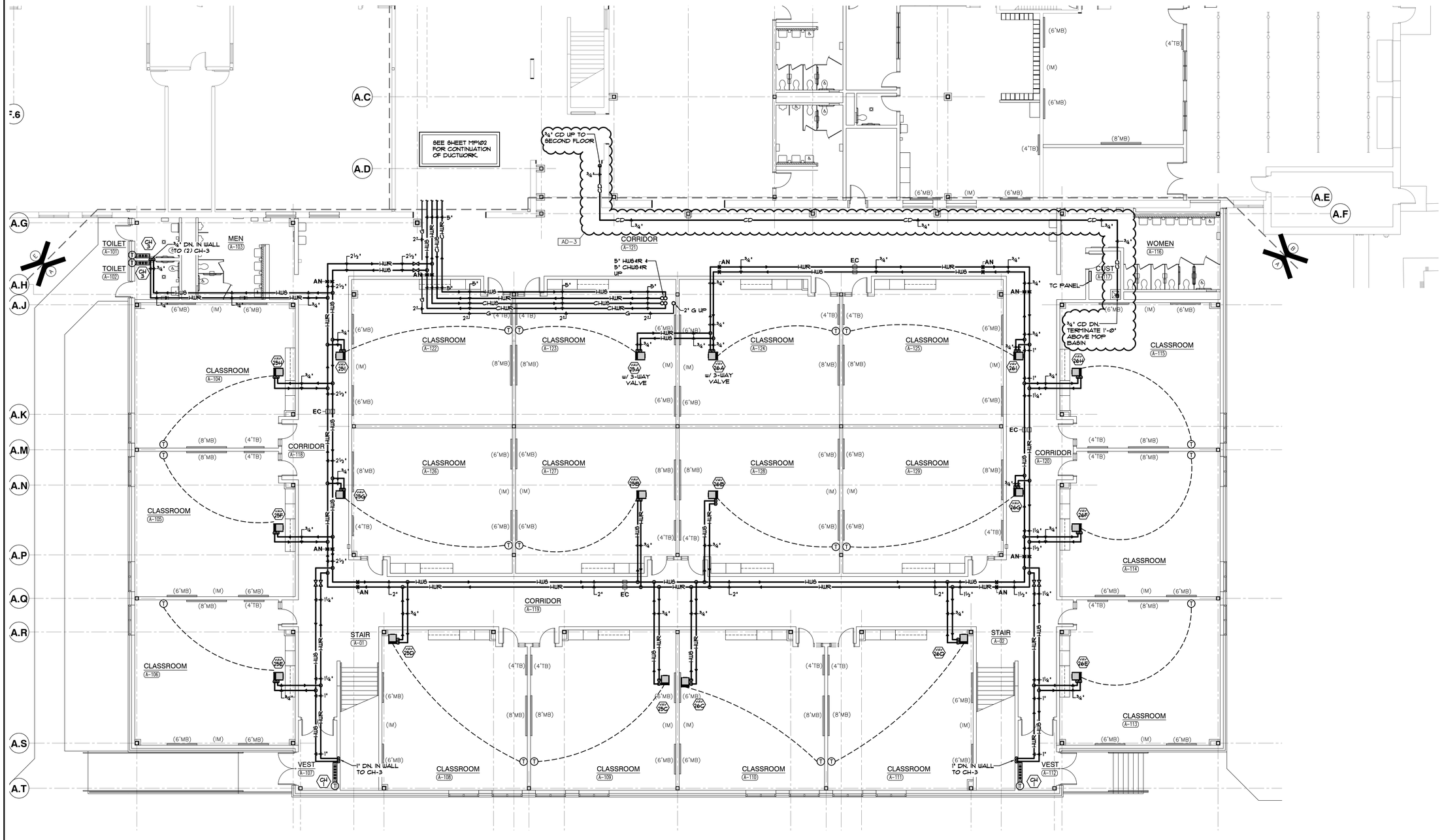

MECHANICAL PIPING FIRST FLOOR PLAN - UNIT "A"

SCALE: 1/8" = 1'-0"

NORTH

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DRAWING
MECHANICAL PIPING FIRST FLOOR PLAN - UNIT A

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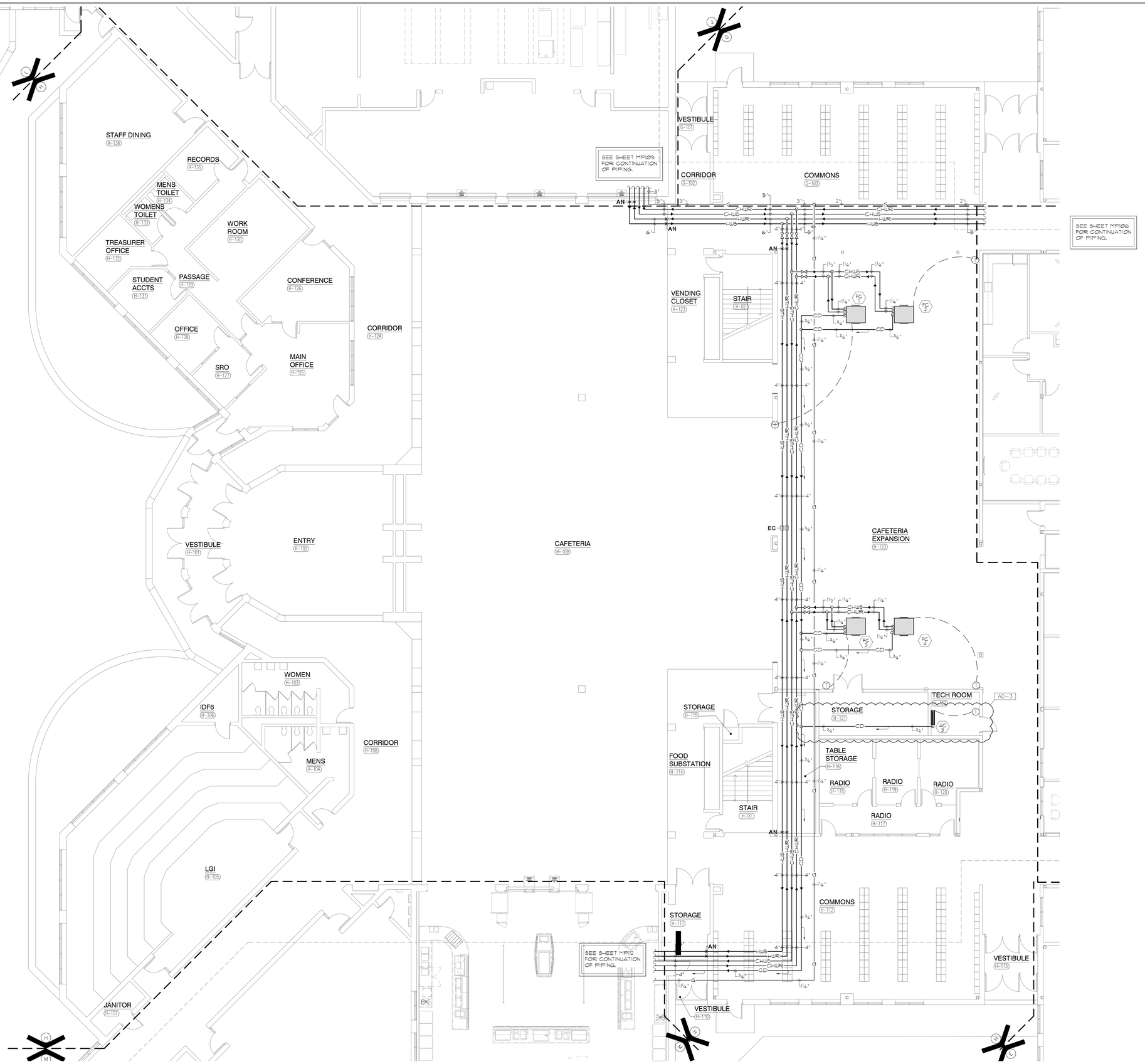
A MP101



MECHANICAL PIPING FIRST FLOOR PLAN - UNIT "H"

SCALE: 1/8" = 1'-0"

NORTH

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MECHANICAL PIPING FIRST FLOOR PLAN - UNIT H

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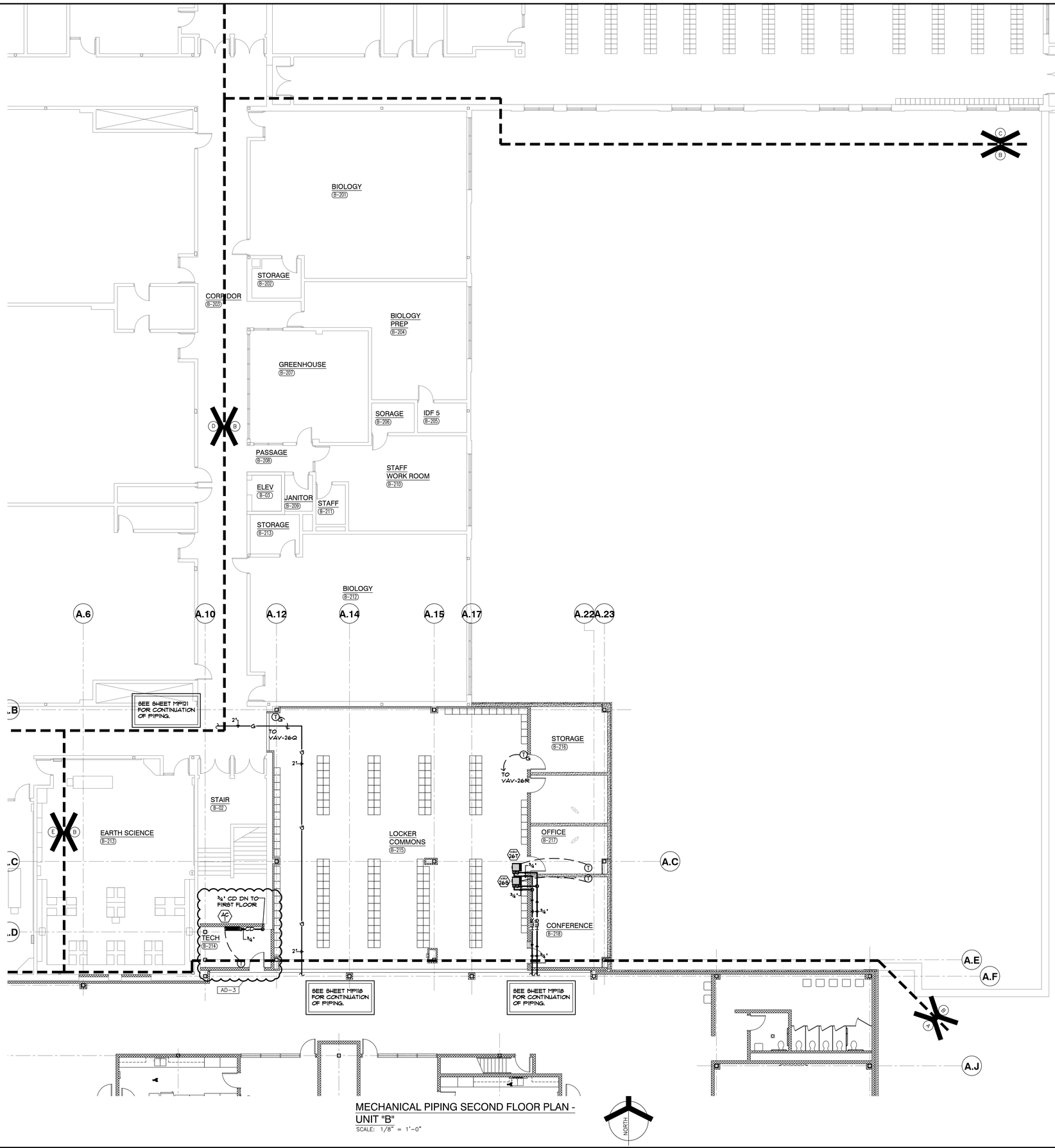

MECHANICAL PIPING SECOND FLOOR PLAN - UNIT "B"

SCALE: 1/8" = 1'-0"

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MECHANICAL PIPING SECOND FLOOR PLAN - UNIT B

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SHEET
B
MP119

SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGIN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.
2. REMOVE EXISTING CHILLED WATER COIL COMPLETE AS REQUIRED. EXISTING CHILLED WATER PIPING AND CONTROL VALVE TO REMAIN FOR CONNECTION TO NEW COIL.
3. INSTALL NEW CHILLED WATER COIL IN EXISTING AIR HANDLING MODIFY AS REQUIRED. CONNECT NEW CHILLED WATER COIL TO EXISTING TO EXISTING CHILLED WATER PIPING AND BALANCE EXISTING CONTROL VALVE TO GPM LISTED IN MECHANICAL HYDRONIC COIL SCHEDULE COMPLETE AS REQUIRED.

AD-1 AD-3

STAFF DINING (H-136)
RECORDS (H-135)
MENS TOILET (H-134)
WOMENS TOILET (H-133)
WORK ROOM (H-130)
TREASURER OFFICE (H-132)
STUDENT ACCTS (H-131)
PASSAGE (H-129)
CONFERENCE (H-126)
OFFICE (H-128)
SRO (H-127)
MAIN OFFICE (H-125)
CORRIDOR (H-124)
VESTIBULE (H-101)
ENTRY (H-102)
WOMEN (H-103)
IDF6 (H-106)
MENS (H-104)
CORRIDOR (H-108)
LGI (H-105)
JANITOR (H-107)
VENDING CLOSET (H-123)
STAIR (H-02)
CAFETERIA (H-109)
STORAGE (H-115)
FOOD SUBSTATION (H-114)
STAIR (H-01)
TABLE STORAGE (H-116)
STORAGE (H-121)
RADIO (H-118)
RADIO (H-119)
RADIO (H-120)
CORRIDOR (H-122)
RADIO (H-117)
STORAGE (H-111)
COMMONS (H-112)
VESTIBULE (H-110)
VESTIBULE (H-113)

EXISTING AIR HANDLING UNIT (EX S-24)
BALANCE TO: (1) 5000 CFM S/A, 2000 MAX CFM O.A.
AD-3
11.1 GPM HUB
EX. AIR HANDLER S-24 TO REMAIN
CTE
CHK 24
FC 1 FC 2 FC 3 FC 4
AC 3
RI 2015 R/A 46x22
A4 415 12x12NK
26/12 R/A
12"ø S/A
22/14 S/A
12/14 S/A
EX. S/A DUCT TO REMAIN - TYP
EX. 12/8 S/A
EX. 20/18 T/A
EX. 8"ø S/A
EX. VAV V-522
EX. VAV V-526
EX. VAV V-525
EX. VAV V-6Ø3
EX. 8/6 S/A
EX. 6"ø S/A
EX. 16/12 S/A
EX. 16"ø S/A
EX. 1Ø"ø S/A
EX. 12"ø S/A
EX. 1Ø/6 S/A

MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT "H"
SCALE: 1/8" = 1'-0"

NORTH

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT H

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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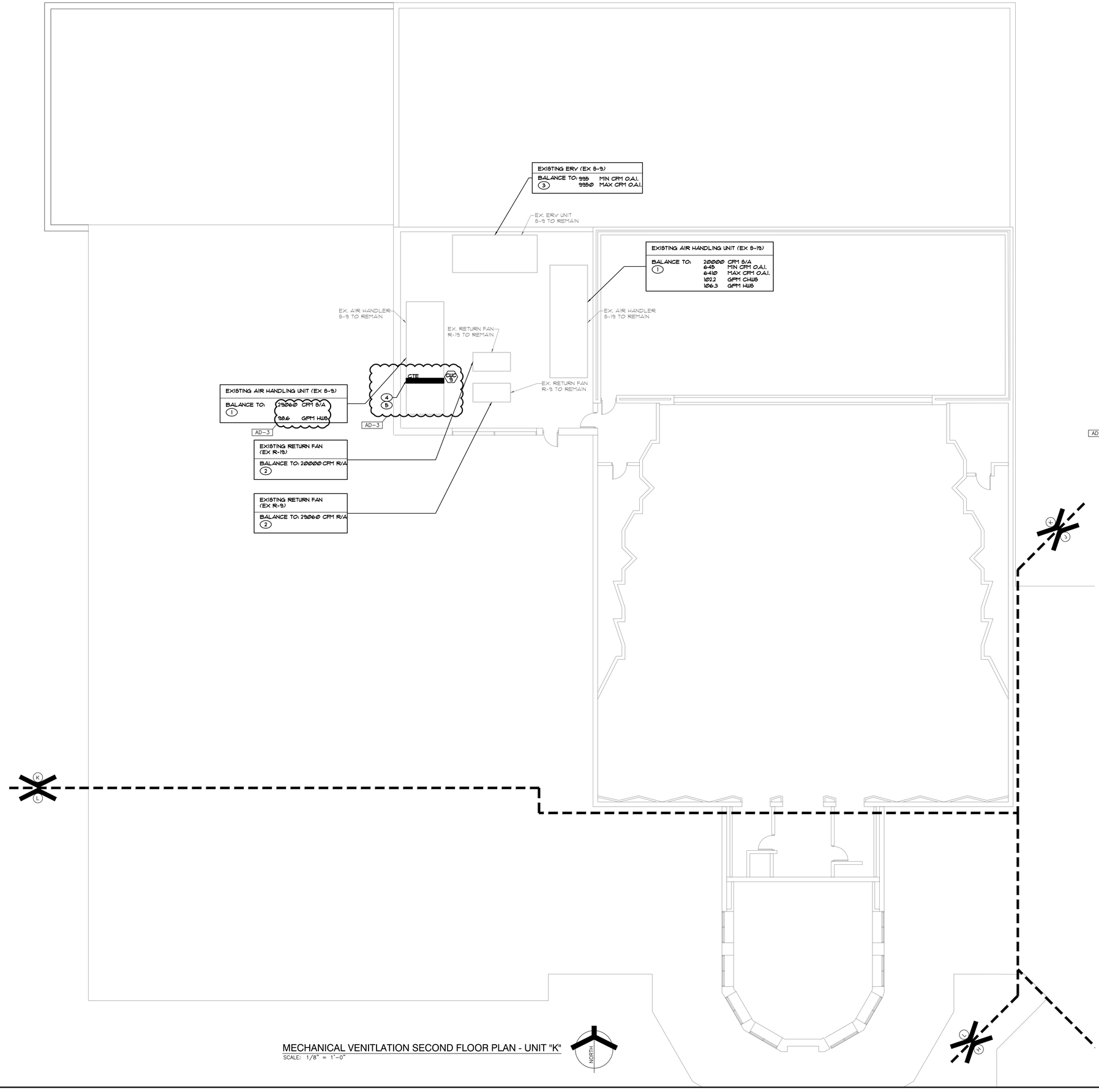
SHEET
H
MV108



MECHANICAL VENITLATION SECOND FLOOR PLAN - UNIT "K"
SCALE: 1/8" = 1'-0"

NORTH

SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.
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4. REMOVE EXISTING CHILLED WATER COIL COMPLETE AS REQUIRED. EXISTING CHILLED WATER PIPING AND CONTROL VALVE TO REMAIN FOR CONNECTION TO NEW COIL.
5. INSTALL NEW CHILLED WATER COIL IN EXISTING AIR HANDLING MODIFY AS REQUIRED. CONNECT NEW CHILLED WATER COIL TO EXISTING TO EXISTING CHILLED WATER PIPING AND BALANCE EXISTING CONTROL VALVE TO GPM LISTED IN MECHANICAL HYDRONIC COIL SCHEDULE COMPLETE AS REQUIRED.

AD-3

AD-1
NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS IN THIS ADDENDUM

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY
REGISTERED NO. 10302590
STATE OF INDIANA
PROFESSIONAL ENGINEER

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DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT K

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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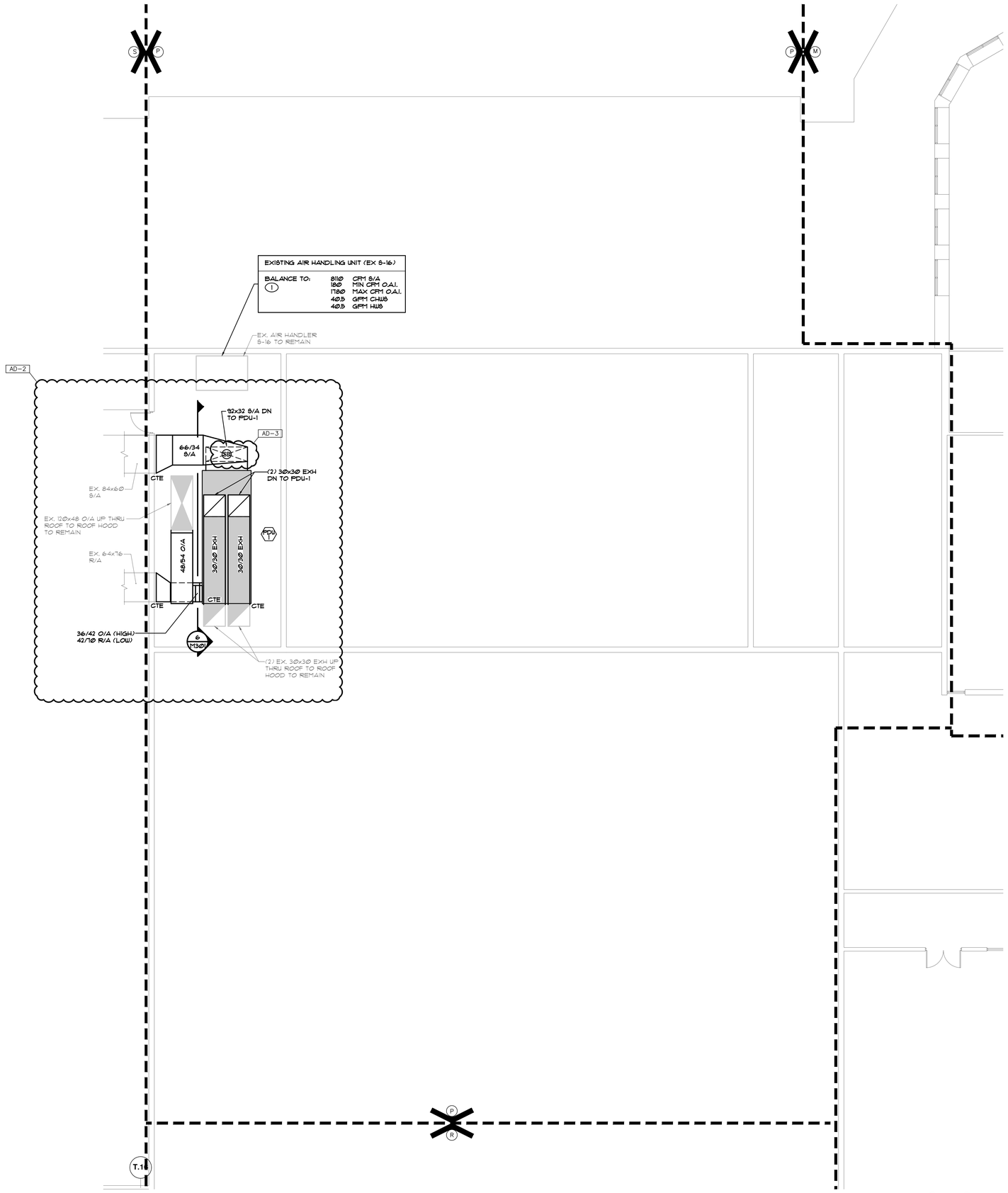
SHEET
K

SHEET
MV127



SHEET NOTES

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MECHANICAL VENITLATION SECOND FLOOR PLAN - UNIT "P"

SCALE: 1/8" = 1'-0"

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PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT P

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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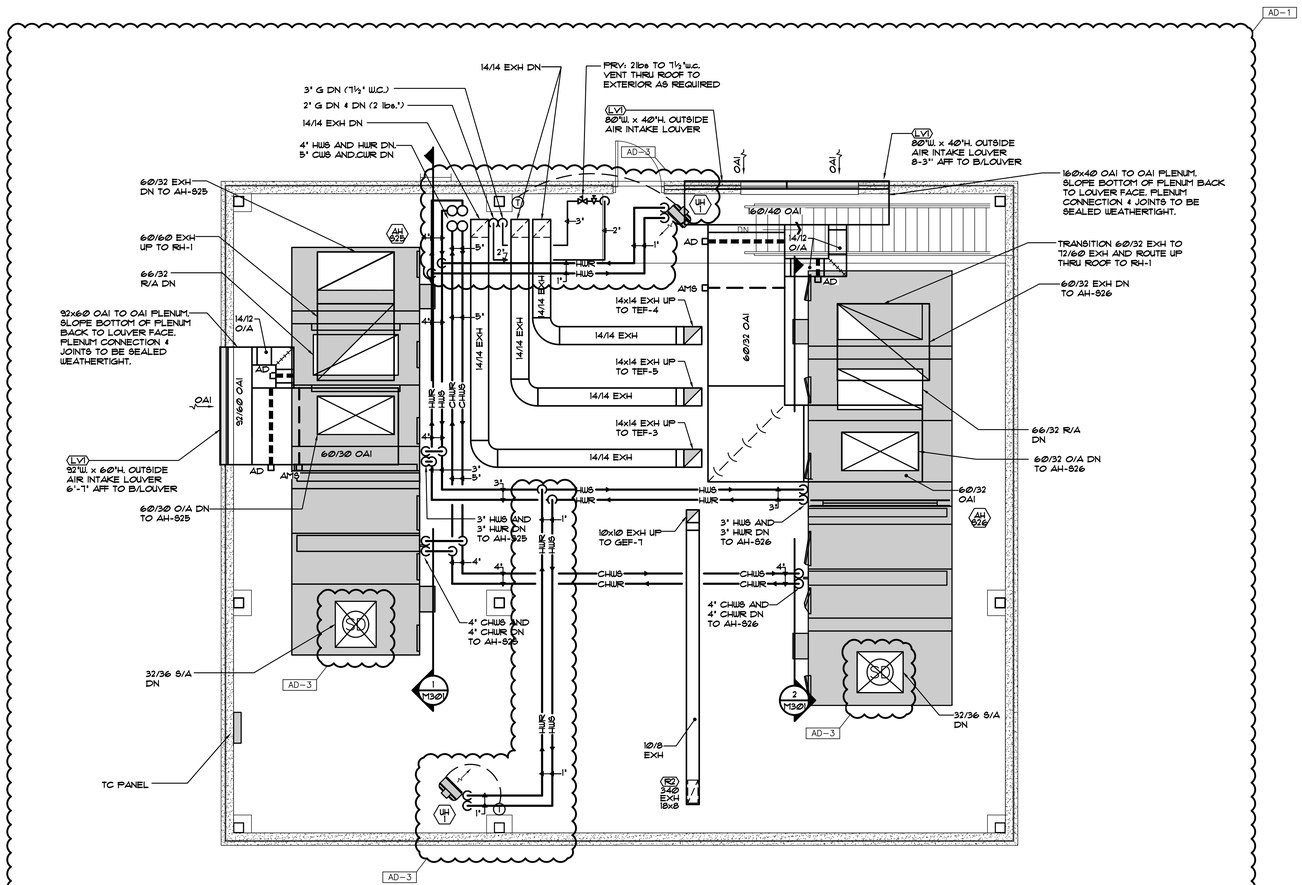
SHEET P

SHEET MV131



MECHANICAL HVAC PENTHOUSE PLAN - UNIT "A"

SCALE: 1/4" = 1'-0"

NORTH

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PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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DRAWING
MECHANICAL HVAC PENTHOUSE PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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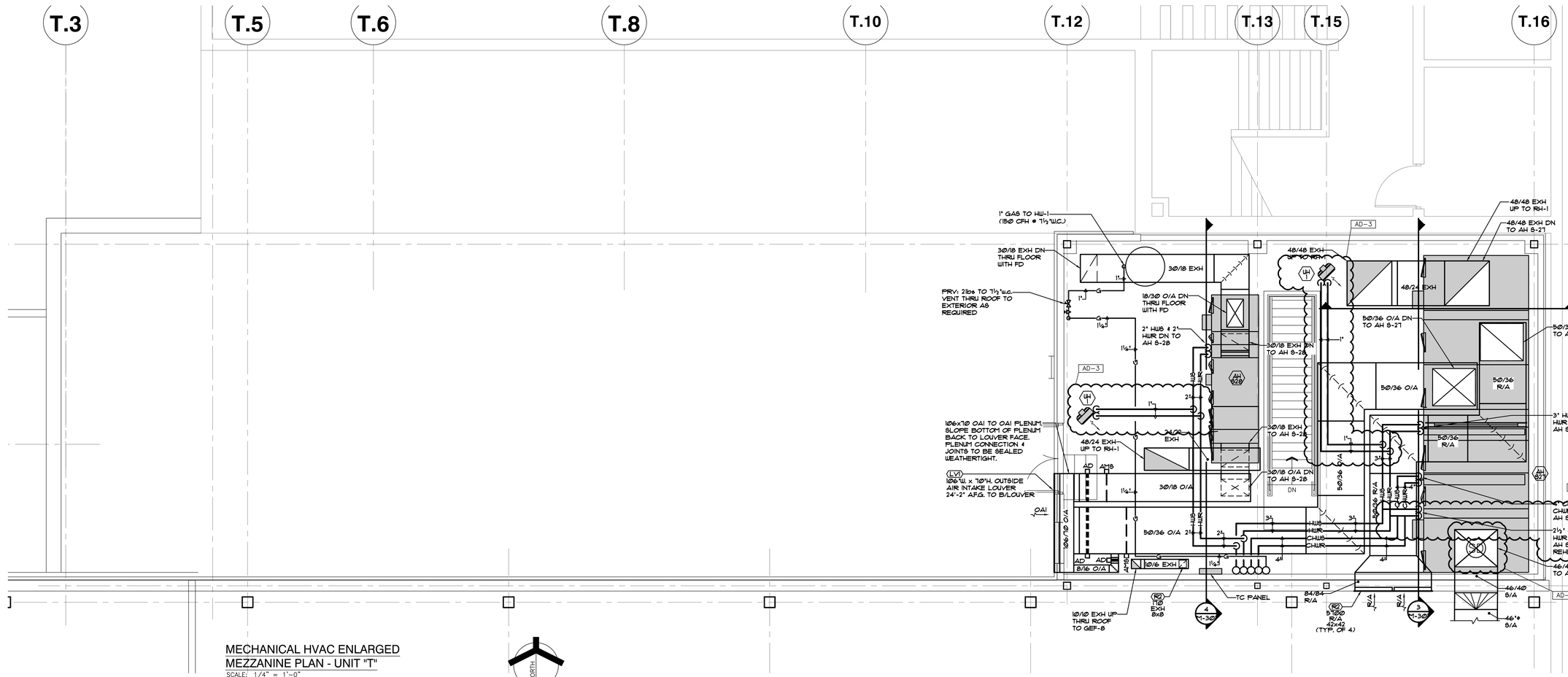
A M-135



MECHANICAL HVAC ENLARGED MEZZANINE PLAN - UNIT "T"

SCALE: 1/4" = 1'-0"

NORTH

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

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AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
MECHANICAL HVAC ENLARGED MEZZANINE PLAN - UNIT T

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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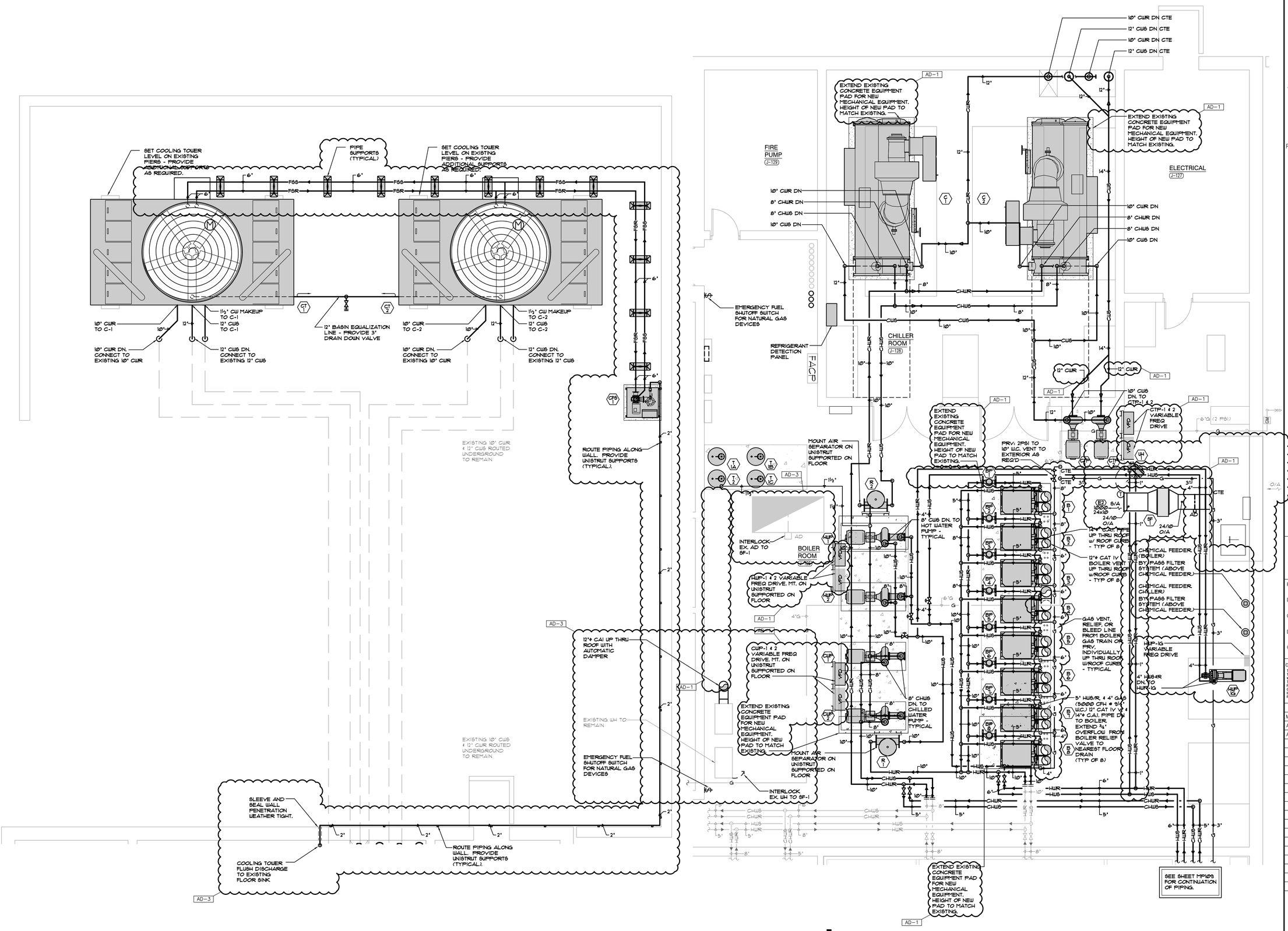
SHEET
T
M-401



MECHANICAL HVAC ENLARGED BOILER ROOM PLAN - UNIT "J"

SCALE: 1/4" = 1'-0"

NORTH

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
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REGISTERED PROFESSIONAL ENGINEER
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NO. 10302590
STATE OF INDIANA

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DRAWING
MECHANICAL HVAC ENLARGED BOILER ROOM PLAN - UNIT J

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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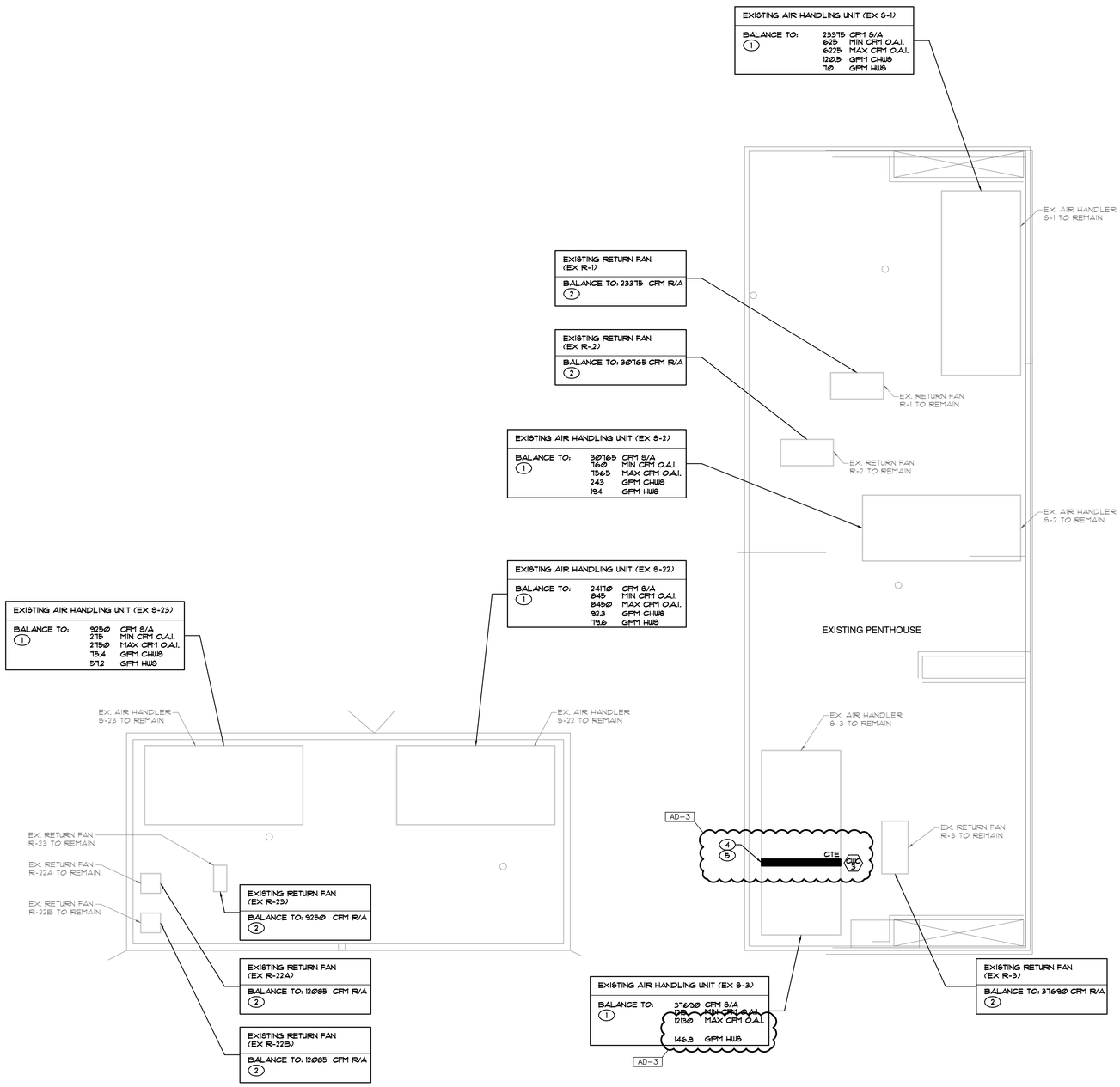
SHEET J

M-402



SHEET NOTES

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6. REMOVE EXISTING HOT WATER COIL COMPLETE AS REQUIRED. EXISTING HOT WATER PIPING AND CONTROL VALVE TO REMAIN FOR CONNECTION TO NEW COIL.
7. INSTALL NEW HOT WATER COIL IN EXISTING AIR HANDLING MODIFY AS REQUIRED. CONNECT NEW HOT WATER COIL TO EXISTING TO EXISTING HOT WATER PIPING AND BALANCE EXISTING CONTROL VALVE TO GPM LISTED IN MECHANICAL HYDRONIC COIL SCHEDULE COMPLETE AS REQUIRED.

MECHANICAL PENTHOUSE PLAN - UNIT "C"
SCALE: 1/8" = 1'-0"

MECHANICAL PENTHOUSE PLAN - UNIT "D"
SCALE: 1/8" = 1'-0"

MECHANICAL PENTHOUSE PLAN - UNIT "F"
SCALE: 1/8" = 1'-0"

AD-1 NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS IN THIS ADDENDUM

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNEY NO. 10302590 STATE OF INDIANA

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AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
MECHANICAL HVAC PENTHOUSE PLAN - UNIT C,D,F

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
C,D,F M-405

MECHANICAL EQUIPMENT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN MOTOR DATA								EXHAUST FANS					DX COOLING DATA			CHILLED WATER / DX COOLING EQUIPMENT/COIL DATA								CONDENSER WATER DATA					HOT WATER HEATING EQUIPMENT/COIL DATA							ELECTRICAL DATA											UNITS CONTROLLED BY	EQUIPMENT WEIGHT	REMARKS
					MIN OA%																																	LOAD									STARTER:				
				CFM	HIGH	LOW	TSP	ESP	BHP	HP	RPM	CFM	ESP	BHP	HP	RPM	MBH	CAT	STAGES	MBH	SHC	GPM	EDB	EWB	LDB	LWB	EWT	LWT	EWB	MAX WPD	GPM	EWT	LWT	EWB	MAX WPD	MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	MAX WPD	HP	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ	MC.	EC.			
C-1	TRANE	CVHF 650	INTERIOR WATER COOLED CHILLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	780.0	-	1035	-	-	-	-	55	40	15	1300	85	99.3	-	15	-	-	-	-	-	-	-	-	-	-	677	-	1200	480	3	60	X	-	FMS	32400	NOTE 12
C-2	TRANE	CVHF 650	INTERIOR WATER COOLED CHILLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	780.0	-	1035	-	-	-	-	55	40	15	1300	85	99.3	-	15	-	-	-	-	-	-	-	-	-	-	677	-	1200	480	3	60	X	-	FMS	32400	NOTE 12
CT-1	EVAPCO	AXS 12-11L22	COOLING TOWER	124900	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	99.3	85	78	-	-	-	-	-	-	-	-	-	25	-	-	-	480	3	60	X	-	FMS	26250	NOTE 13
CT-2	EVAPCO	AXS 12-11L22	COOLING TOWER	124900	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1300	99.3	85	78	-	-	-	-	-	-	-	-	-	25	-	-	-	480	3	60	X	-	FMS	26250	NOTE 13
CF8-1	SBS	AXS 12-11L22	COOLING TOWER FLUSH SYSTEM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	560	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	480	3	60	X	-	FMS	-	-
B-1	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
B-2	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
B-3	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
B-4	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
B-5	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
B-6	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
B-7	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
B-8	CAMUS	DYNAFORCE 5000	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5000	4125	474	-	-	180	160	-	-	-	6.8	-	10	480	3	60	X	-	FMS	1350	NOTE 4
AH 8-25	TRANE	CSAA035	INT CENTRAL STATION AIR HANDLING UNIT - HOT WATER HEATING / CHILLED WATER COOLING - VAV	18590	9405	945	5.3	2.6	23.2	(2.75)	2194	-	-	-	-	-	93.8	63.6	13.3	84	69	53	53	40	55	15	-	-	-	-	-	-	-	91.8	95.3	28.2	73.7	180	160	15	-	-	40	-	90	480	3	60	X	-	FMS	8413	NOTE 1
				-	-	-	-	-	-	-	-	18590	1.7	12.5	(2.7,1.5	1819	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	45	480	3	60	X	-	FMS		
AH 8-26	TRANE	CSAA040	INT CENTRAL STATION AIR HANDLING UNIT - HOT WATER HEATING / CHILLED WATER COOLING - VAV	21370	9555	960	5.5	2.6	26	(2.75	1966	-	-	-	-	-	103.4	70.8	14.6	40	55	53	53	40	55	15	-	-	-	-	-	-	-	104.7	108	31.1	76.7	180	160	15	-	-	40	-	90	480	3	60	X	-	FMS	9475	NOTE 1
				-	-	-	-	-	-	-	-	21370	1.7	13.6	(2.7,1.5	1616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	45	480	3	60	X	-	FMS		
AH 8-27	TRANE	CSAA040	INT CENTRAL STATION AIR HANDLING UNIT - HOT WATER HEATING / CHILLED WATER COLING - SZVAV	23000	6390	640	4.4	1.1	23.7	(2.75	1912	-	-	-	-	-	108.8	75.5	15.4	82	68	53	53	40	55	15	-	-	-	-	-	-	-	99.7.1	103	45	85	180	160	15	-	-	40	-	90	480	3	60	X	-	FMS	9228	NOTE 1,15
				-	-	-	-	-	-	-	-	23000	1	12.9	(2.7,1.5	1620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	45	480	3	60	X	-	FMS		
AH 8-28	TRANE	CSAA008	INT CENTRAL STATION AIR HANDLING UNIT - HOT WATER HEATING WITH ENERGY RECOVERY - CAV	4505	-	-	3.8	1	4.47	5	2373	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	357.4	37	30	103	180	160	15	-	-	8.85	-	15	480	3	60	X	-	FMS	2882	NOTE 3
				-	-	-	-	-	-	-	-	4505	1	3.18	5	1963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	15	480	3	60	X	-	FMS		
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.66	-	15	480	3	60	X	-	FMS		
FD-1	XETEX	FXHS 60-78	POOL DEHUMIDIFICATION UNIT - DX COOLING / HW HEAT	35560	****	-	4.5	1.5	19.6	(2.75	1577	15400	1	11.1	15	1200	-	-	-	86.5	48.1	-	87	73	55	54	-	-	-	-	-	-	-	142.0	148	73.7	112	180	160	15	-	237	-	-	250	480	3	60	X	-	FMS	28000	NOTE 16
CU-1	TRANE	CAUJC80	ROOF MOUNTED CONDENSER	-	-	-	-	-	-	-	-	-	-	-	-	-	89.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	20	480	3	60	X	-	FMS	3215	NOTE 17
FC-1	TRANE	BCHD030	SUSPENDED FAN COIL - CHILLED WATER COOLING	2075	-	-	1.2	0.8	0.85	1	973	-	-	-	-	-	-	-	-	56.4	50	8.02	76	64	55	55	40	55	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.66	-	-	15	208	1	60	X	-	T-STAT	290	NOTE 2
FC-2	TRANE	BCHD030	SUSPENDED FAN COIL - CHILLED WATER COOLING	2075	-	-	1.2	0.8	0.85	1	973	-	-	-	-	-	-	-	-	56.4	50	8.02	76	64	55	55	40	55	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.66	-	-	15	208	1	60	X	-	T-STAT	290	NOTE 2
FC-3	TRANE	BCHD030	SUSPENDED FAN COIL - CHILLED WATER COOLING	2075	-	-	1.2	0.8	0.85	1	973	-	-	-	-	-	-	-	-	56.4	50	8.02	76	64	55	55	40	55	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.66	-	-	15	208	1	60	X	-	T-STAT	290	NOTE 2
FC-4	TRANE	BCHD030	SUSPENDED FAN COIL - CHILLED WATER COOLING	2075	-	-	1.2	0.8	0.85	1	973	-	-	-	-	-	-	-	-	56.4	50	8.02	76	64	55	55	40	55	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.66	-	-	15	208	1	60	X	-	T-STAT	290	NOTE 2
FC-5	TRANE	BCHD030	SUSPENDED FAN COIL - HW HEATING / CW COOLING	1985	415		1.4	0.8	1.19	1.5	1027	-	-	-	-	-	-	-	-	63.3	55	9	77	65	56	56	40	55	15	-	-	-	-	-	-	-	114.8	11.9	54.2	98.3	180	160	15	-	9.5	-	-	15	208	3	60	X	-	T-STAT	336.1	NOTE 2
FC-6	TRANE	BCHD030	SUSPENDED FAN COIL - HW HEATING / CW COOLING	1985	415		1.4	0.8	1.19	1.5	1027	-	-	-	-	-	-	-	-	63.3	55	9	77	65	56	56	40	55	15	-	-	-	-	-	-	-	114.8	11.9	54.2	98.3	180	160	15	-	9.5	-	-	15	208	3	60	X	-	T-STAT	336.1	NOTE 2
FC-7	TRANE	BCHD030	SUSPENDED FAN COIL - HW HEATING / CW COOLING	1250	435		1	0.8	0.48	0.5	836	-	-	-	-	-	-	-	-	50.4	45	7.16	84	65	51	50	40	55	15	-	-	-	-	-	-	-	100.4	10.4	31.1	105	180	160	15	-	3	-	-	15	208	3	60	X	-	T-STAT	394	NOTE 2
FC-8	TRANE	BCHD018	SUSPENDED FAN COIL - HW HEATING / CW COOLING	410	-	-	0.8	0.3	0.12	0.5	1114	-	-	-	-	-	-	-	-	11.7	11	1.65	78	63	53	53	40	55	15	-	-	-	-	-	-	-	18.51	1.92	61.7	103	180	160	15	-	3	-	-	15	208	3	60	X	-	T-STAT	117	NOTE 2
FC-9	TRANE	BCHD018	SUSPENDED FAN COIL - HW HEATING / CW COOLING	410	-	-	0.8	0.3	0.12	0.5	1114	-	-	-	-	-	-	-	-	11.7	11	1.65	78	63	53	53	40	55	15	-	-	-	-	-	-	-	18.51	1.92	61.7	103	180	160	15	-	3	-	-	15	208	3	60	X	-	T-STAT	117	NOTE 2
CH-1	VULCAN	RW-06	HOT WATER RECESSED WALL CABINET HEATER	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	4.9	-	-	180	160	-	-	-	1.6	-	-	120	1	60	X	-	T-STAT	151	NOTE 5
CH-2	VULCAN	RW-08	HOT WATER RECESSED WALL CABINET HEATER	860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81.8	-	5.5	-	-	180	160	-	-	-	2.5	-	-	120	1	60	X	-	T-STAT	175	NOTE 6
CH-3	VULCAN	W-02	HOT WATER SURFACE MOUNTED CABINET HEATER	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4	-	1.6	-	-	180	160	-	-	-	0.9	-	-	120	1	60	X	-	T-STAT	97	NOTE 6
UH-1	TRANE	UHSB06G1TAA101	SUSPENDED HOT WATER UNIT HEATER	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.6	-	4.4	-	-	180	160	-	-	-	1.8	-	15	120	1	60	X	-	T-STAT	41	NOTE 18
TEF-1	TWINCITY	DCRD 120BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	840	0.5	-	1/2	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
TEF-2	TWINCITY	DCRD 120BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	840	0.5	-	1/2	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
TEF-3	TWINCITY	DCRD 120BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1020	0.875	-	1/2	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
TEF-4	TWINCITY	DCRD 120BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1050	0.875	-	1/2	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
TEF-5	TWINCITY	DCRD 120BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1050	0.875	-	1/2	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
TEF-6	TWINCITY	DCRD 100BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	340	0.65	-	1/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
TEF-7	TWINCITY	DCRD 085BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	260	0.65	-	1/6	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
TEF-8	TWINCITY	DCRD 120BE	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	600	0.625	-	1/2	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	X	-	FMS	100	NOTE 7
GEF-1	TWINCITY	DCRD 160BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1845	0.5	-	1	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	X	-	WALL SWITCH	115	NOTE 7,14
GEF-2	TWINCITY	DCRD 160BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	2050	0.5	-	1	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	X	-	WALL SWITCH	115	NOTE 7,14
GEF-3	TWINCITY	DCRD 160BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	2050	0.5	-	1	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	X	-	WALL SWITCH	115	NOTE 7,14
GEF-4	TWINCITY	DCRD 160BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1845	0.5	-	1	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	X	-	WALL SWITCH	115	NOTE 7,14
GEF-5	TWINCITY	DCRD 095BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	285	0.5	-	1/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	WALL SWITCH	80	NOTE 7
GEF-6	TWINCITY	DCRD 095BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	285	0.5	-	1/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	WALL SWITCH	80	NOTE 7
GEF-7	TWINCITY	DCRD 095BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	340	0.3	-	1/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	WALL SWITCH	80	NOTE 7
GEF-8	TWINCITY	DCRD 080BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	170	0.3	-	1/6	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	-	X	WALL SWITCH	80	NOTE 7
GEF-9	TWINCITY	DCRD 140BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1230	0.625	-	3/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	120	1	60	-	X	WALL SWITCH	125	NOTE 7
GEF-10	TWINCITY	DCRD 140BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1120	0.625	-	3/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	120	1	60	-	X	WALL SWITCH	125	NOTE 7
GEF-11	TWINCITY	DCRD 140BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1260	0.625	-	3/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	120	1	60	-	X	WALL SWITCH	125	NOTE 7
GEF-12	TWINCITY	DCRD 180BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	2000	0.5	-	1	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	WALL SWITCH	150	NOTE 7
GEF-13	TWINCITY	DCRD 120BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	830	0.5	-	1/2	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	-	X	WALL SWITCH	100	NOTE 7
GEF-14	TWINCITY	DCRD 085BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	180	0.5	-	1/6	1274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	-	X	WALL SWITCH	100	NOTE 7
GEF-15	TWINCITY	DCRD 085BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	180	0.5	-	1/6	1274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	-	X	WALL SWITCH	100	NOTE 7
GEF-16	TWINCITY	DCRD 140BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1450	0.5	-	3/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	120	1	60	-	X	WALL SWITCH	150	NOTE 7,14
GEF-17	TWINCITY	DCRD 140BE	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1450	0.5	-	3/4	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	120	1	60	-	X	WALL SWITCH	150	NOTE 7,14
HEF-1	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	0.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8

*SEE SHEET M-502 FOR CONTINUATION OF MECHANICAL EQUIPMENT SCHEDULE

AD-1
AD-2
AD-3
AD-2
AD-1
AD-1

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/3/21	ADDENDUM NO. 3

DRAWING
MECHANICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
M-501

MECHANICAL EQUIPMENT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN MOTOR DATA								EXHAUST FANS					DX COOLING DATA		CHILLED WATER COOLING EQUIPMENT/COIL DATA									CONDENSER WATER DATA				HOT WATER HEATING EQUIPMENT/COIL DATA								ELECTRICAL DATA									UNITS CONTROLLED BY	EQUIPMENT WEIGHT	REMARKS
				CFM	MIN OA: HIGH	MIN OA: LOW	TSP	ESP	BHP	HP	RPM	CFM	ESP	BHP	HP	RPM	MBH	CAT	STAGES	MBH	GPM	EDB	EWB	LDB	LWB	EWT	LWT	MAX WPD	GPM	EWT	LWT	EWB	MAX WPD	MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	MAX WPD	LOAD: HP	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ.	STARTER: MC.	STARTER: EC.			
HEF-2	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-3	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-4	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-5	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-6	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-7	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-8	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-9	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-10	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-11	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-12	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	AD-1 -	X	HOOD SWITCH	125	NOTE 8
DEF-1	FANTECH	DBF 4XLT	DRYER EXHAUST FAN	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.73	-	120	1	60	-	X	INTERLK TO DRYER	50	NOTE 9
DEF-2	FANTECH	DBF 4XLT	DRYER EXHAUST FAN	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.73	-	120	1	60	-	X	INTERLK TO DRYER	50	NOTE 9
DEF-3	FANTECH	DBF 4XLT	DRYER EXHAUST FAN	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.73	-	120	1	60	-	X	INTERLK TO DRYER	50	NOTE 9
SF-1	TWINCITY	TL-2005	SUSPENDED INLINE SUPPLY FAN	-	-	-	-	-	-	-	-	1000	Ø.5	-	1	1800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	X	-	ITRLK TO EX. UH	150	NOTE 18
RHP-1	AIRTEX	HEF-2	RADIANT CEILING PANEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	Ø.15	60	100	180	160	5	-	-	-	-	-	-	-	-	-	INTGRL TSTAT	-	NOTE 10
AC-1/CU-1	MITSUBISHI	TPKA036 / TRUYA036	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	-	-	-	-	-	-	-	-	-	-	-	-	-	36	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	31	208	1	60	X	-	TSTAT	46 / 211	NOTE 11
AC-2/CU-2	MITSUBISHI	TPKA036 / TRUYA036	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	-	-	-	-	-	-	-	-	-	-	-	-	-	36	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	31	208	1	60	X	-	TSTAT	46 / 211	NOTE 11
AC-3/CU-3	MITSUBISHI	TPKA036 / TRUYA036	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	-	-	-	-	-	-	-	-	-	-	-	-	-	36	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	31	208	1	60	X	-	TSTAT	46 / 211	NOTE 11

NOTES:
1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PROVIDE WITH VIBRATION ISOLATION HANGERS AND DISCONNECT SWITCH. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. PROVIDE WITH COMBUSTION AIR INTAKE DAMPER. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. PROVIDE WITH INTEGRAL THERMOSTAT AND DISCONNECT SWITCH. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. PROVIDE WITH INTEGRAL THERMOSTAT AND DISCONNECT SWITCH. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. PROVIDE WITH:
   - PROVIDE WITH DISCONNECT SWITCH
   - ECM MOTOR WITH POTENTIOMETER SPEED CONTROLLER
   - MOTORIZED DAMPER
   - BIRD SCREEN
   - ROOF CURB
   - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
8. PROVIDE WITH:
   - DISCONNECT SWITCH
   - MOTORIZED BACKDRAFT DAMPER
   - BIRD SCREEN, ROOF CURB
   - HERESITE COATING
   - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
9. PROVIDE WITH:
   - BUILT-IN BACKDRAFT DAMPER
   - VIBRATION ISOLATION HANGERS
   - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
10. PROVIDE WITH:XXX
11. PROVIDE INDOOR AC WITH:
    - WIRED THERMOSTAT
    - CONDENSATE PUMP (WALL MOUNTED UNITS ONLY)
    - VIBRATION ISOLATION HANGERS

    PROVIDE OUTDOOR CU WITH:
    - LOW AMBIENT CONTROLS FOR 100% COOLING CAPACITY DOWN TO -10°F
    - WIND BAFFLES
    - HAIL GUARDS
    - 18" HIGH EQUIPMENT SUPPORT RAILS WITH SPRING ISOLATORS

    SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
12. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. PROVIDE WITH:
    - COOLING TOWERS.
    - DAMS FOR LOW FLOW IN HOT WATER BASINS.
    - FILL RAISED ABOVE BASIN FOR TOWER FLUSH SYSTEM.
    - STAINLESS STEEL BASINS.
    - TOWER STRUCTURE SHALL ACCOMMODATE SUPPORT BY EXISTING PIERS.
    - COTTONWOOD SCREENS ON TOWER INTAKE.
14. REFER TO TYPICAL SCIENCE ROOM SHUT-OFF SCHEMATIC WIRING DIAGRAM ON SHEET. AD-1
15. PROVIDE WITH HOT WATER REHEAT COIL WITH CAPACITY OF 633.5 MHB AND 63.21 GPM.
16. PROVIDE WITH:
    - SINGLE POINT DISCONNECT
    - UNIT MOUNTED VFD'S FOR SUPPLY AND EXHAUST FANS
    - MOTORIZED DAMPERS FOR FOR OUTSIDE AIR AND RETURN CONNECTIONS
    - VIBRATION ISOLATORS BETWEEN AIR HANDLING UNIT AND BASE
    - HOT GAS REHEAT COIL AND DEHUMIDIFICATION CONTROLS
    - FACE AND BYPASS DAMPERS
    - FAN ARRAYS OF DIRECT DRIVE PLENUM FANS FOR SUPPLY AND EXHAUST
    - FACTORY PROVIDED INTEGRATED CONTROLS WITH BACNET INTERFACE
    - PLATE AND FRAME ENERGY RECOVERY HEAT EXCHANGER
    - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. AD-2
17. PROVIDE WITH:
    - DISCONNECT SWITCH
    - VARIABLE SPEED CONDENSER FANS
    - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
18. PROVIDE WITH:
    - BUILT IN BACK DRAFT DAMPER
    - VIBRATION ISOLATORS
    - INLINE ADAPTER AD-3

NATURAL GAS CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION	CAPACITY CFH	REMARKS
B-1	BOILER	BOILER ROOM	5000	-
B-2	BOILER	BOILER ROOM	5000	-
B-3	BOILER	BOILER ROOM	5000	-
B-4	BOILER	BOILER ROOM	5000	-
B-5	BOILER	BOILER ROOM	5000	-
B-6	BOILER	BOILER ROOM	5000	-
B-7	BOILER	BOILER ROOM	5000	-
B-8	BOILER	BOILER ROOM	5000	-
WH-1	DOMESTIC WATER HEATER	-	150	-
		ADDED GAS LOAD:	40150	CFH @ 2lbs

AD-1

EX. S-6 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING: MAX CFM	CFM SETTING: MIN CFM	HW REHEAT COIL DATA: MBH	HW REHEAT COIL DATA: GPM	HW REHEAT COIL DATA: WPD	HW REHEAT COIL DATA: EWT	CONTROL SEQUENCE: OPEN/CLOSED	CONTROL SEQUENCE: OPEN/CLOSED/OPEN	REMARKS
6A	NAILOR	D30RW-05	5"	255	65	6.9	Ø.7	5'	160	X	-	-
6B	NAILOR	D30RW-10	10"	1,000	275	29.3	2.9	5'	160	X	-	-
6C	NAILOR	D30RW-12	12"	1,305	335	35.4	3.5	5'	160	X	-	-
6D	NAILOR	D30RW-12	12"	1,260	325	41.0	4.1	5'	160	-	X	-

EX. S-9 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING: MAX CFM	CFM SETTING: MIN CFM	HW REHEAT COIL DATA: MBH	HW REHEAT COIL DATA: GPM	HW REHEAT COIL DATA: WPD	HW REHEAT COIL DATA: EWT	CONTROL SEQUENCE: OPEN/CLOSED	CONTROL SEQUENCE: OPEN/CLOSED/OPEN	REMARKS
9A	NAILOR	D30RW-14	14"	2,440	715	79.4	7.9	5'	160	-	X	-

EX. S-5 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING: MAX CFM	CFM SETTING: MIN CFM	HW REHEAT COIL DATA: MBH	HW REHEAT COIL DATA: GPM	HW REHEAT COIL DATA: WPD	HW REHEAT COIL DATA: EWT	CONTROL SEQUENCE: OPEN/CLOSED	CONTROL SEQUENCE: OPEN/CLOSED/OPEN	REMARKS
5A	NAILOR	D30RW-06	6"	310	100	8.4	Ø.8	5'	160	X	-	-
5B	NAILOR	D30RW-05	5"	130	45	3.5	Ø.4	5'	160	X	-	-
5C	NAILOR	D30RW-05	5"	140	45	3.8	Ø.4	5'	160	X	-	-
5D	NAILOR	D30RW-06	6"	310	100	8.4	Ø.8	5'	160	X	-	-
5E	NAILOR	D30RW-05	5"	270	90	7.3	Ø.7	5'	160	X	-	-
5F	NAILOR	D30RW-05	5"	270	90	7.3	Ø.7	5'	160	X	-	-
5G	NAILOR	D30RW-07	7"	410	135	13.3	1.3	5'	160	-	X	-
5H	NAILOR	D30RW-06	6"	365	120	9.9	1.0	5'	160	X	-	-
5I	NAILOR	D30RW-05	5"	160	55	4.3	Ø.4	5'	160	X	-	-
5J	NAILOR	D30RW-06	6"	350	115	9.5	Ø.9	5'	160	X	-	-
5K	NAILOR	D30RW-07	7"	410	135	13.3	1.3	5'	160	-	X	-
5L	NAILOR	D30RW-07	7"	550	180	17.9	1.8	5'	160	-	X	-
5M	NAILOR	D30RW-07	7"	410	135	13.3	1.3	5'	160	-	X	-
5N	NOT USED	-	-	-	-	-	-	-	-	-	-	-
5O	NAILOR	D30RW-05	5"	100	35	2.7	Ø.3	5'	160	X	-	-
5P	NAILOR	D30RW-06	6"	350	115	9.5	Ø.9	5'	160	X	-	-
5Q	NAILOR	D30RW-06	6"	300	100	8.1	Ø.8	5'	160	X	-	-
5R	NAILOR	D30RW-08	8"	575	190	18.7	1.9	5'	160	-	X	-
5S	NAILOR	D30RW-06	6"	360	120	11.7	1.2	5'	160	-	X	-
5T	NAILOR	D30RW-06	6"	355	115	11.6	1.2	5'	160	-	X	-
5U	NAILOR	D30RW-07	7"	490	160	13.3	1.3	5'	160	X	-	-
5V	NAILOR	D30RW-14	14"	1,960	650	53.2	5.3	5'	160	X	-	-
5W	NAILOR	D30RW-07	7"	410	135	11.1	1.1	5'	160	X	-	-
5X	NAILOR	D30RW-07	7"	420	140	11.4	1.1	5'	160	X	-	-
5Y	NAILOR	D30RW-06	6"	320	105	8.7	Ø.9	5'	160	X	-	-
5Z	NAILOR	D30RW-06	6"	320	105	8.7	Ø.9	5'	160	X	-	-

INTAKE/RELIEF HOOD SCHEDULE

TAG	MANUFACTURER	MODEL #	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
RH-1	ACME	#TEV	SEE PLANS	EXHAUST/RELIEF AIR HOOD	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.
RH-2	ACME	#TIV	SEE PLANS	OUTSIDE AIR INTAKE HOOD	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.

EX. S-4 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING: MAX CFM	CFM SETTING: MIN CFM	HW REHEAT COIL DATA: MBH	HW REHEAT COIL DATA: GPM	HW REHEAT COIL DATA: WPD	HW REHEAT COIL DATA: EWT	CONTROL SEQUENCE: OPEN/CLOSED	CONTROL SEQUENCE: OPEN/CLOSED/OPEN	REMARKS
4A	NAILOR	D30RW-05	5"	255	60	6.9	Ø.7	5'	160	X	-	-
4B	NAILOR	D30RW-10	10"	930	225	25.2	2.5	5'	160	X	-	-
4C	NAILOR	D30RW-12	12"	1,245	300	33.8	3.4	5'	160	X	-	-
4D	NAILOR	D30RW-12	12"	1,380	335	37.4	3.7	5'	160	X	-	-
4E	NAILOR	D30RW-14	14"	2,200	530	59.7	6.0	5'	160	X	-	-

S-25 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING: MAX CFM	CFM SETTING: MIN CFM	HW REHEAT COIL DATA: MBH	HW REHEAT COIL DATA: GPM	HW REHEAT COIL DATA: WPD	HW REHEAT COIL DATA: EWT	CONTROL SEQUENCE: OPEN/CLOSED	CONTROL SEQUENCE: OPEN/CLOSED/OPEN	REMARKS
25A	NAILOR	D30RW-08	8"	660	330	17.9	1.8	5'	160	X	-	-
25B	NAILOR	D30RW-10	10"	820	410	22.2	2.2	5'	160	X	-	-
25C	NAILOR	D30RW-10	10"	960	475	31.2	3.1	5'	160	-	X	-
25D	NAILOR	D30RW-10	10"	960	475	31.2	3.1	5'	160	-	X	-
25E	NAILOR	D30RW-12	12"	1,225	610	39.9	4.0	5'	160	-	X	-
25F	NAILOR	D30RW-10	10"	960	475	31.2	3.1	5'	160	-	X	-
25G	NAILOR	D30RW-10	10"	940	465	25.5	2.5	5'	160	X	-	-
25H	NAILOR	D30RW-12	12"	1,270	630	41.3	4.1	5'	160	-	X	-
25I	NAILOR	D30RW-10	10"	1,155	575	31.3	3.1	5'	160	X	-	-
25J	NAILOR	D30RW-12	12"	1,790	890	48.6	4.9	5'	160	X	-	-
25K	NAILOR	D30RW-12	12"	1,280	635	34.7	3.5	5'	160	X	-	-
25L	NAILOR	D30RW-12	12"	1,370	680	44.6	4.5	5'	160	-	X	-
25M	NAILOR	D30RW-10	10"	1,140	565	31.1	3.1	5'	160	-	X	-
25N	NAILOR	D30RW-12	12"	1,470	730	47.8	4.8	5'	160	-	X	-
25O	NAILOR	D30RW-10	10"	1,170	580	38.1	3.8	5'	160	-	X	-
25P	NAILOR	D30RW-12	12"	1,340	665	43.6	4.4	5'	160	-	X	-

S-26 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING: MAX. CFM	CFM SETTING: MIN. CFM	HW REHEAT COIL DATA: MBH	HW REHEAT COIL DATA: GPM	HW REHEAT COIL DATA: WPD	HW REHEAT COIL DATA: EWT	CONTROL SEQUENCE: OPEN/CLOSED	CONTROL SEQUENCE: OPEN/CLOSED/OPEN	REMARKS
26A	NAILOR	D30RW-10	10"	815	355	23.1	2.4	5'	160	X	-	-
26B	NAILOR	D30RW-10	10"	820	335	22.2	2.2	5'	160	X	-	-
26C	NAILOR	D30RW-10	10"	960	390	31.2	3.1	5'	160	-	X	-
26D	NAILOR	D30RW-10	10"	960	390	31.2	3.1	5'	160	-	X	-
26E	NAILOR	D30RW-10	10"	1,140	465	37.1	3.7	5'	160	-	X	-
26F	NAILOR	D30RW-10	10"	930	380	30.3	3.0	5'	160	-	X	-
26G	NAILOR	D30RW-10	10"	940	385	25.5	2.5	5'	160	X	-	-
26H	NAILOR	D30RW-10	10"	1,090	445	35.5	3.5	5'	160	-	X	-
26I	NAILOR	D30RW-10	10"	940	385	25.5	2.5	5'	160	X	-	-
26J	NAILOR	D30RW-12	12"	1,295	530	35.1	3.5	5'	160	X	-	-
26K	NAILOR	D30RW-12	12"	1,815	740	49.2	4.9	5'	160	X	-	-
26L	NAILOR	D30RW-10	10"	1,140	465	37.1	3.7	5'	160	-	X	-
26M	NAILOR	D30RW-12	12"	1,370	560	44.6	4.5	5'	160	-	X	-
26N	NAILOR	D30RW-12	12"	1,470	600	47.8	4.8	5'	160	-	X	-
26O	NAILOR	D30RW-10	10"	1,140	465	37.1	3.7	5'	160	-	X	-
26P	NAILOR	D30RW-12	12"	1,380	565	44.9	4.5	5'	160	-	X	-
26Q	NAILOR	D30RW-14	14"	2,100	855	68.4	6.8	5'	160	-	X	-
26R	NAILOR	D30RW-14	14"	2,100	855	68.4	6.8	5'	160	-	X	-
26S	NAILOR	D30RW-07	7"	420	170	13.7	1.4	5'	160	-	X	-
26T	NAILOR	D30RW-06	6"	405	165	13.2	1.3	5'	160	-	X	-

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AD-3

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY — REGISTERED NO. 10302590 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
MECHANICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
M-502

EX. S-1 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	GPM	WPD	EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
1A	NAILOR	D30RW-08	8"	695	260	18.9	1.9	5'	160	X	-	-
1B	NAILOR	D30RW-14	14"	2,500	945	81.4	8.1	5'	160	-	X	-

EX. S-2 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	GPM	WPD	EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
2A	NAILOR	D30RW-12	12"	1,500	115	48.8	4.9	5'	160	-	X	-

EX. S-3 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	GPM	WPD	EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
3A	NAILOR	D30RW-12	12"	1,220	550	33.1	3.3	5'	160	X	-	-
3B	NAILOR	D30RW-12	12"	1,520	685	41.2	4.1	5'	160	X	-	-
3C	NAILOR	D30RW-05	5"	260	115	7.1	0.7	5'	160	X	-	-
3D	NAILOR	D30RW-16	16"	2,700	1215	73.2	7.3	5'	160	X	-	-
3E	NAILOR	D30RW-16	16"	2,600	1170	70.5	7.1	5'	160	X	-	-
3F	NAILOR	D30RW-12	12"	1,500	675	40.7	4.1	5'	160	X	-	-
3G	NAILOR	D30RW-05	5"	240	110	6.5	0.7	5'	160	X	-	-
3H	NAILOR	D30RW-10	10"	1,020	460	27.7	2.8	5'	160	X	-	-
3I	NAILOR	D30RW-08	8"	780	350	21.2	2.1	5'	160	X	-	-
3J	NAILOR	D30RW-06	6"	310	140	8.4	0.8	5'	160	X	-	-
3K	NAILOR	D30RW-05	5"	210	95	5.7	0.6	5'	160	X	-	-
3L	NAILOR	D30RW-14	14"	1,960	885	53.2	5.3	5'	160	X	-	-
3M	NAILOR	D30RW-07	7"	540	245	14.6	1.5	5'	160	X	-	-
3N	NAILOR	D30RW-12	12"	1,305	590	35.4	3.5	5'	160	X	-	-
3O	NAILOR	D30RW-10	10"	1,000	450	27.1	2.7	5'	160	X	-	-
3P	NAILOR	D30RW-07	7"	435	195	11.8	1.2	5'	160	X	-	-
3Q	NAILOR	D30RW-12	12"	1,260	570	34.2	3.4	5'	160	X	-	-

AD-1

DUCTWORK INSULATION/LINING SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INSULATION REQUIREMENTS

DUCTWORK TYPE	INSULATION TYPE CONCEALED	INSULATION TYPE EXPOSED
SUPPLY AIR DUCTWORK		
RECTANGULAR	1½" LINER	1½" LINER
ROUND	1½" WRAP, NOTE 1.	PERFORATED DOUBLE WALL
OUTSIDE AIR DUCTWORK		
RECTANGULAR	1½" WRAP	1½" WRAP
ROUND	1½" WRAP	1½" WRAP OR PERFORATED DOUBLE WALL
RETURN AIR DUCTWORK		
RECTANGULAR	1½" LINER	1½" LINER
ROUND	PERFORATED DOUBLE WALL	PERFORATED DOUBLE WALL
TRANSFER AIR DUCTWORK	½" LINER	½" LINER
VAV & FAN-POWERED BOXES		
INLET COLLAR	1½" WRAP	1½" WRAP
HOT WATER REHEAT COIL	1½" WRAP	1½" WRAP
EXHAUST DUCTWORK		
WITHIN 10'-0" OF EXHAUST FAN	½" LINER	½" LINER

NOTE 1: ROUND DUCT SUPPLYING ONE DIFFUSER AND MORE THAN 30'-0" FROM UNIT

MECHANICAL HYDRONIC COIL SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	CHILLED WATER COOLING COIL DATA CFM	MBH	SHC	GPM	EWT	LWT	MAX WPD	HOT WATER COOLING COIL DATA MBH (IN)	GPM	EWT	LWT	MAX WPD	DATA/UNITS CONTROLLED BY	EQUIPMENT WEIGHT
CWC-3	TRANE	DWDB241268G0EB139BABA00A	CHILLED WATER COIL	31690	1400	1122	198.8	40	55	15	-	-	-	-	-	EX. AHU S-3	1810
CWC-4	TRANE	DWDB241268G0FB115BABA0AA	CHILLED WATER COIL	47600	2020	1439	286.8	40	55	15	-	-	-	-	-	EX. AHU S-4	2942
CWC-5	TRANE	DWDB330648G0FB132EABA0AA	CHILLED WATER COIL	9600	435	293	61.78	40	55	15	-	-	-	-	-	EX. AHU S-5	616
CWC-6	TRANE	DWDB241268G0EB135EABA00A	CHILLED WATER COIL	9950	1136	1301	246.5	40	55	15	-	-	-	-	-	EX. AHU S-6	2357
CWC-9	TRANE	DWDB301096G0DB127BABA0AA	CHILLED WATER COIL	9950	855	671	121.4	40	55	15	-	-	-	-	-	EX. AHU S-9	1017
CWC-20	TRANE	-	CHILLED WATER COIL	11350	800	-	115	40	55	15	-	-	-	-	-	EX. AHU S-20	-
CWC-24	TRANE	DWUB271051G0FB11CCAAA0AA	CHILLED WATER COIL	5000	215	161	30.54	40	55	15	-	-	-	-	-	EX. AHU S-24	270
HWC-20	TRANE	-	HOT WATER COIL	11350	-	-	-	-	-	-	935	101	180	160	15	EX. AHU S-20	-

AD-3

MECHANICAL EQUIPMENT SCHEDULE - ELECTRIC HEATERS

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN DATA S/A CFM	ELECTRIC HEAT DATA MBH	KW	EAT	LAT	ELECTRICAL DATA LOAD HP	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ.	DISC. SWT. MC.	DISC. SWT. EC.	UNITS CONTROLLED BY	EQUIP WEIGHT	REMARKS
EUH-1	QMARK	MUH-0581	UNIT HEATER	350	17.1	5.0	60	105	-	-	-	24	-	208	3	60	-	X	T-STAT	27	NOTE 1

AD-2

HEAT RECOVERY SCHEDULE

UNIT TAG	MIXED SUPPLY AIR CFM	SUMMER DB	SUMMER WB	WINTER DB	WINTER WB	RETURN AIR CFM	SUMMER DB	SUMMER WB	WINTER DB	WINTER WB	EXHAUST AIR CFM	SUMMER DB	SUMMER WB	WINTER DB	WINTER WB	OUTSIDE AIR CFM	SUMMER DB	SUMMER WB	WINTER DB	WINTER WB	HEAT WHEEL DISCHARGE CFM	SUMMER DB	SUMMER WB	WINTER DB	WINTER WB	REMARKS
AHU-3S	45,500	89.2	78.4	F	36.3	36.3	F	45,500	75	63	F	70	53	F	45,500	86.7	72.1	F	57.3	37.4	F	45,500	95	75	F	-10	-11	F	45,500	86.7	72.1	F	57.3	37.4	F	-
FDU-1	35,560			F			F	35,560	75	63	F	70	53	F	35,560	86.7	72.1	F	57.3	37.4	F	35,560	95	75	F	-10	-11	F	35,560	86.7	72.1	F	57.3	37.4	F	-

AD-2

GRILLE, REGISTER & DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	TYPE OF CONTROL	REMARKS
A2	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A3	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A4	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A5	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A6	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	1-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A7	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A8	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A9	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
B3	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	SURFACE MOUNTED	SEE PLANS	O.B.D.	-
B4	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	SURFACE MOUNTED	SEE PLANS	O.B.D.	-
E2	NAILOR	61DH-O	SUPPLY CEILING REGISTER	DOUBLE DEFLECTION	SURFACE MOUNTED	SEE PLANS	O.B.D.	HORIZONTAL FRONT BARS, VERTICAL BACK BARS
F1	NAILOR	58751-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	¾" SLOT WIDTH 24" LONG	V.C.D.	-
F2	NAILOR	58751-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	¾" SLOT WIDTH 48" LONG	V.C.D.	-
F3	NAILOR	58101-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	1" SLOT WIDTH 24' LONG	V.C.D.	-
F4	NAILOR	58101-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	1" SLOT WIDTH 48' LONG	V.C.D.	-
K1	NAILOR	61DHC	SUPPLY REGISTER	DOUBLE DEFLECTION	DUCT MOUNTED	SEE PLANS	FULL LENGTH EXTRACTOR	PROVIDE W/ MILL FINISH
R1	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	O.B.D.	-
R2	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	-
T1	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	-	-
T2	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	-

* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED

LOUVER SCHEDULE

TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	SIZE	REMARKS
LV-1	NAILOR	1606D	OUTSIDE AIR INTAKE LOUVER	SEE DRAWINGS	ALUMINUM KYNAR 500 CUSTOM FINISH SUBMIT COLOR CHARTS FOR APPROVAL
LV-2	NAILOR	1606D	EXHAUST/RELIEF AIR LOUVER	SEE DRAWINGS	ALUMINUM KYNAR 500 CUSTOM FINISH SUBMIT COLOR CHARTS FOR APPROVAL

PUMP SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD (FT.)	PUMP MOTOR DATA HP	RPM	VOLT	PHASE	HZ.	SUCTION/DISCHARGE SIZE	REMARKS
HWP-1	BELL AND GOSSETT	e-1510 6G	HOT WATER DISTRIBUTION PUMP	1655	145	75	1750	480	3	60	8" / 6"	-25% PROP GLYCOL -HOT WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL, 3310 GPM AT 115 FT. HD. WITH DUAL POWER FEEDERS
HWP-2	BELL AND GOSSETT	e-1510 6G	HOT WATER DISTRIBUTION PUMP	1655	145	75	1750	480	3	60	8" / 6"	
HWP-1G	BELL AND GOSSETT	e-1510 3EB	HOT WATER DISTRIBUTION PUMP - FOR EM. GENERATOR	255	145	20	1750	480	3	60	4" / 3"	25% PROP GLYCOL
CWP-1	BELL AND GOSSETT	e-1510 5GB	CHILLED WATER DISTRIBUTION PUMP	1035	155	60	1750	480	3	60	6" / 5"	-25% PROP GLYCOL -CHILLED WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL, 2070 GPM AT 130 FT. HD. WITH DUAL POWER FEEDERS
CWP-2	BELL AND GOSSETT	e-1510 5GB	CHILLED WATER DISTRIBUTION PUMP	1035	155	60	1750	480	3	60	6" / 5"	
BP-1	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-1)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-2	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-2)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-3	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-3)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-4	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-4)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-5	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-5)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-6	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-6)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-7	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-7)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-8	BELL AND GOSSETT	SERIES 80.4x4x9.5B	BOILER RECIRCULATION PUMP (B-8)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
CTP-1	BELL AND GOSSETT	e-1510 6E	COOLING TOWER PUMP	1300	40	30	1750	480	3	60	6" / 6"	25% PROP GLYCOL
CTP-2	BELL AND GOSSETT	e-1510 6E	COOLING TOWER PUMP	1300	40	30	1750	480	3	60	6" / 6"	25% PROP GLYCOL

SILENCER SCHEDULE

TAG	MANUFACTURER	MODEL	CONN. DIMENSIONS W (in)	CONN. DIMENSIONS H (in)	SILENCER LENGTH L (in)	AIR FLOW (cfm)	VELOCITY (fpm)	P.D. (in WG)	FLOW - FAN SYSTEM	DYNAMIC INSERTION LOSS (dB) 63	125	250	2000	8000	REMARKS
SL-1	VAW	RSA-24V12	12	12	36	780	780	0.12	VAV-3I	5	8	14	18	10	SEE SPECIFICATIONS.
SL-2	VAW	RSA-26V12	26	8	36	780	540	0.14	EX. AHU S-3	8	14	21	23	13	SEE SPECIFICATIONS.
SL-3	VAW	RSA-20V12	10	10	36	310	446	0.1	VAV-3J	7	11	17	30	15	SEE SPECIFICATIONS.
SL-4	VAW	RSA-20V12	10	8	24	310	558	0.13	EX. AHU S-3	6	10	15	21	10	SEE SPECIFICATIONS.
SL-5	VAW	RSA-20V12	10	10	24	210	302	0.04	VAV-3K	6	9	13	21	12	SEE SPECIFICATIONS.
SL-6	VAW	RSA-15V30	8	6	36	210	630	0.09	EX. AHU S-3	4	8	16	25	17	SEE SPECIFICATIONS.
SL-7	VAW	RSA-36V30	18	12	36	1260	840	0.13	VAV-3Q	5	11	15	15	11	SEE SPECIFICATIONS.
SL-8	VAW	RSA-24V12	24	14	24	1260	540	0.11	EX. AHU S-3	8	11	15	18	11	SEE SPECIFICATIONS.

AD-1

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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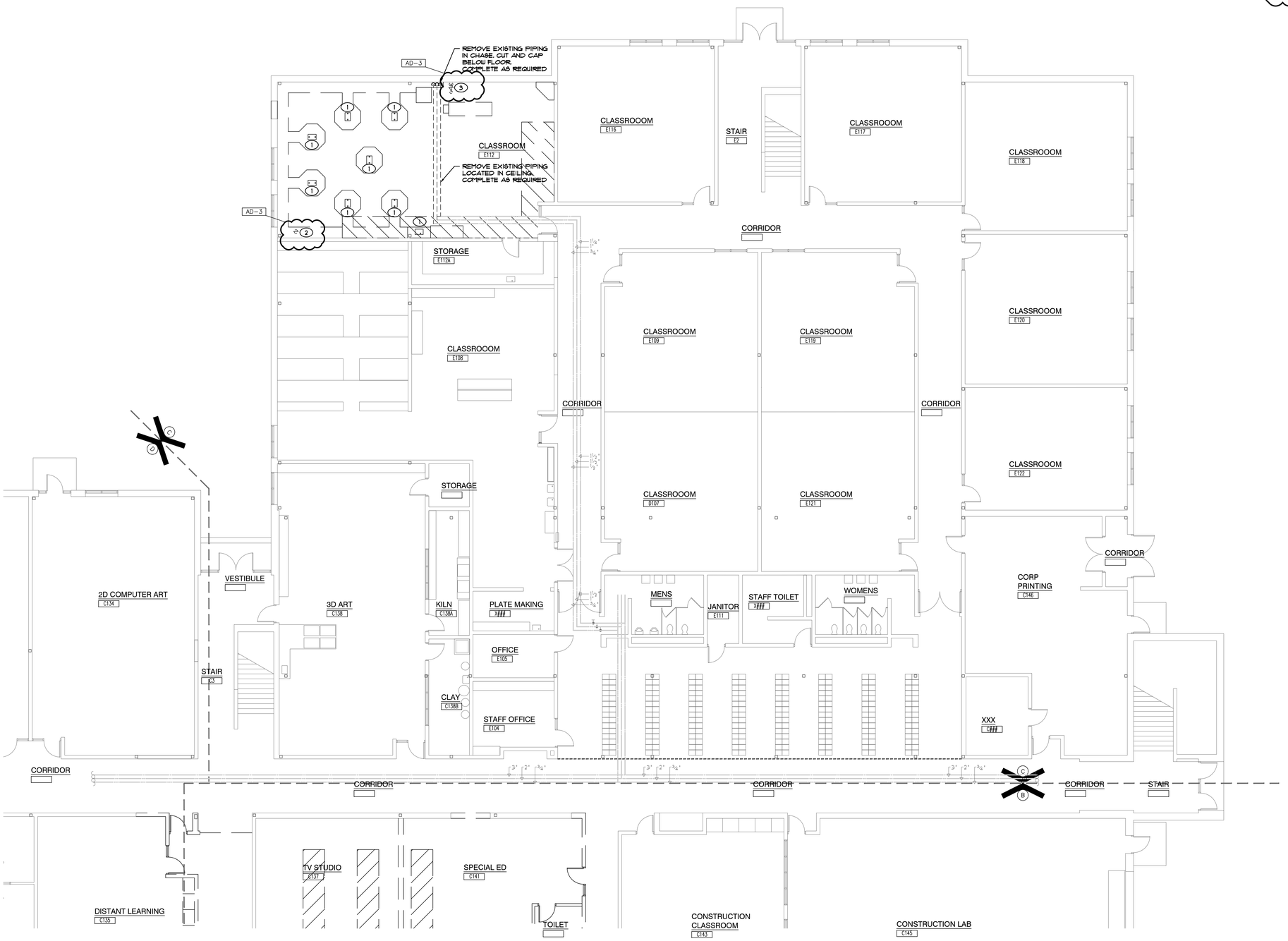
SHEET
M-503

SHEET NOTES

1. REMOVE EXISTING SINK, SILT TRAP, NEUTRALIZATION BASIN AND FAUCET. CUT AND CAP ALL ASSOCIATED HOT/COLD WATER, ACID WASTE AND GAS BELOW FLOOR. REMOVE EX VENT PIPING. COMPLETE AS REQUIRED.
2. REMOVE EXISTING EMERGENCY EYEWASH AND MIXING VALVE AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING. COMPLETE AS REQUIRED.
3. REMOVE EXISTING EMERGENCY SHOWER/EYEWASH AND MIXING VALVE AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING. COMPLETE AS REQUIRED.



PLUMBING DEMOLITION FIRST FLOOR PLAN - UNIT "C"

SCALE: 1/8" = 1'-0"

NORTH

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KEY PLAN

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PLUMBING DEMOLITION FIRST FLOOR PLAN - UNIT C

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SHEET
C PD203

PREFORMANCE/
WEIGHTS
0146

VESTIBULE

OFFICE
0142A

LIFE-LONG
LEARNING
0142

STORAGE
0142B

ELEVATOR
EQUIPMENT
0146A

ELEV

MENS

POOL
DECK

STAIR

IDF 9
0147

WOMENS

WOMENS
ATH LOCKER
0148

CONCESSIONS
0149

STORAGE
0133A

SHOWER

JANITOR
0151

TOILET

STAFF
TOILET

WOMENS
PE LOCKER
0150

VENDING

OFFICE
0150A

POOL
TANK
0152

CORRIDOR

OFFICE
0154A

STAFF
TOILET

MENS
PE LOCKER
0154

TOILET

SHOWER

MENS ATH
LOCKER
0156

AD-3

EX 10"ø FLUE
THRU ROOF

EX POOL
WATER
HEATER

EX 10"ø OAI
THRU WALL TO
BE REMOVED

PLUMBING DEMOLITION FIRST FLOOR PLAN - UNIT "S"

SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN

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PROJECT
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SHEET
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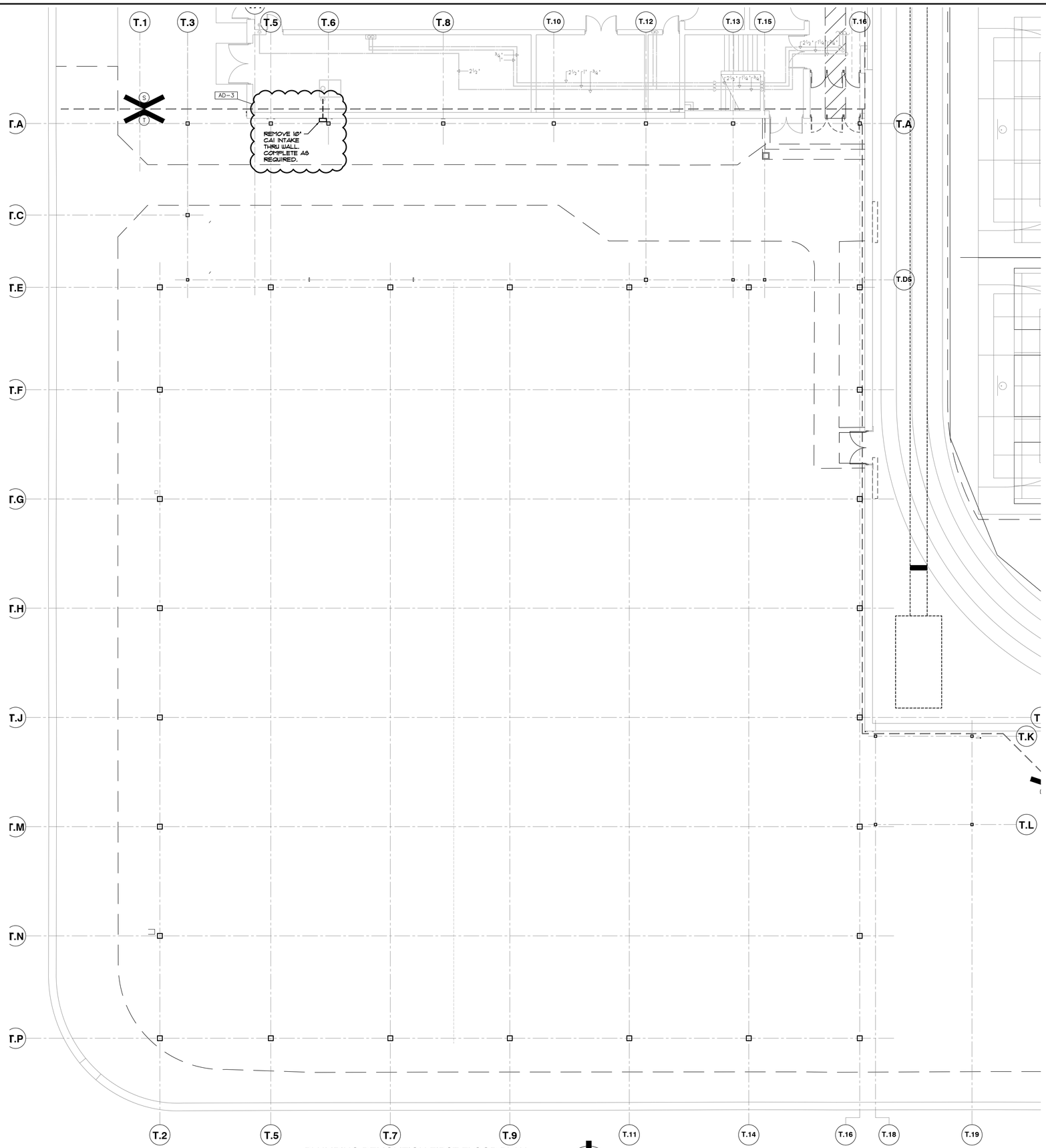

PLUMBING DEMOLITION FIRST FLOOR PLAN - UNIT "T"

SCALE: 1/8" = 1'-0"

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PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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PLUMBING DEMOLITION FIRST FLOOR PLAN - UNIT T

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
T

SHEET
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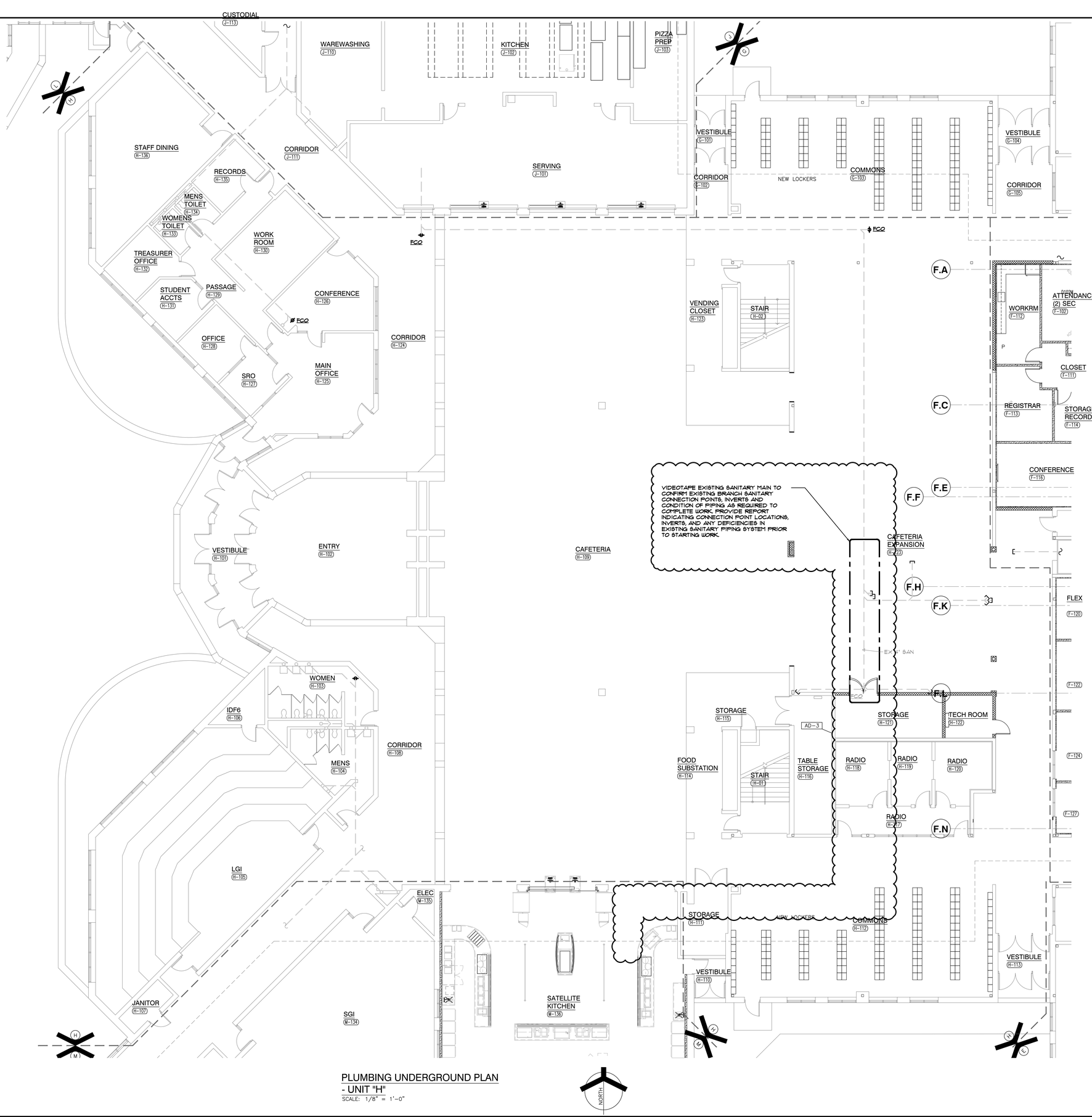

PLUMBING UNDERGROUND PLAN
- UNIT "H"

SCALE: 1/8" = 1'-0"

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PLUMBING UNDERGROUND PLAN - UNIT H

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H
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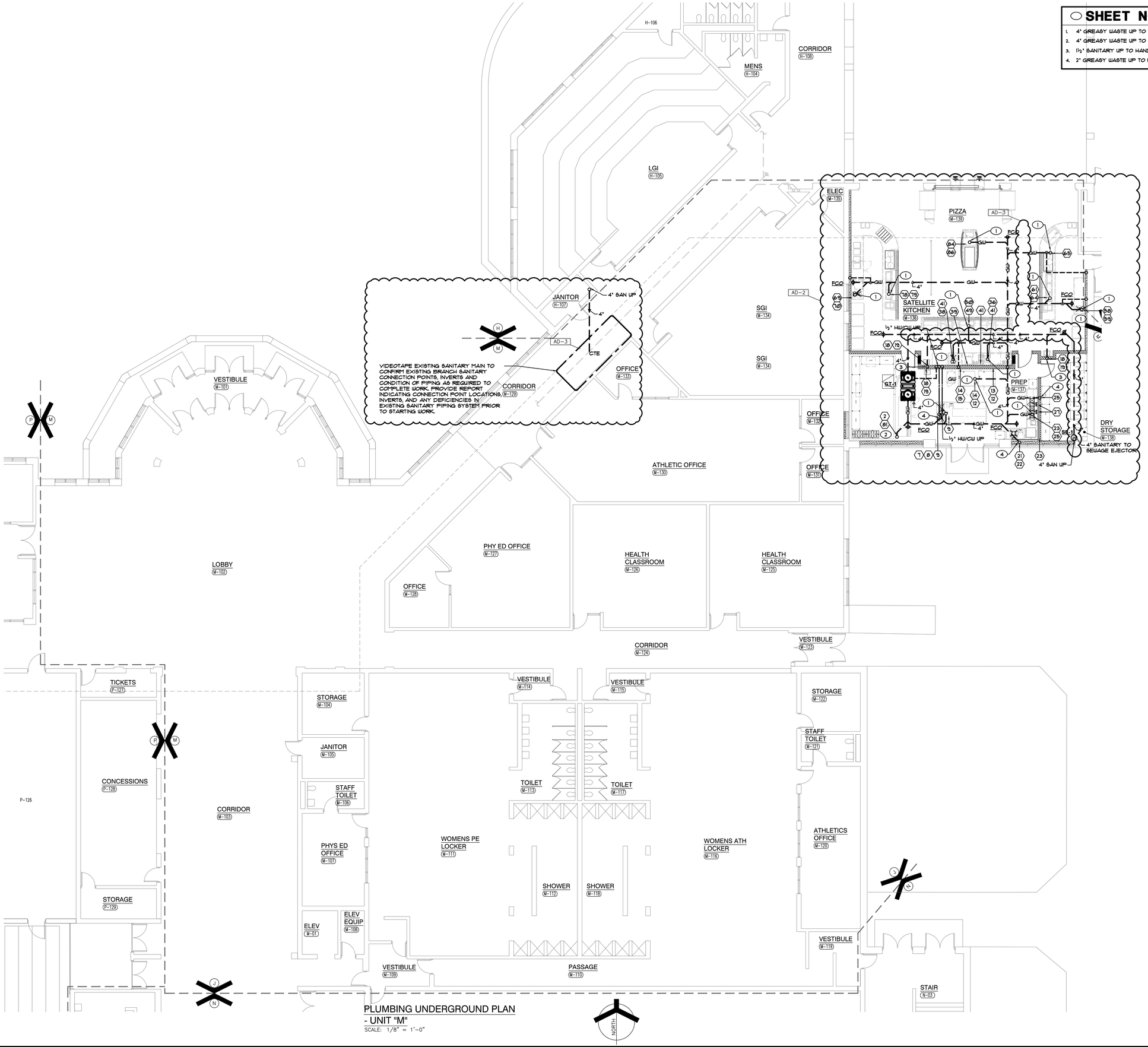
SHEET NOTES

1. 4" GREASY WASTE UP TO FLOOR SINK
2. 4" GREASY WASTE UP TO FLOOR DRAIN
3. 1½" SANITARY UP TO HAND SINK
4. 2" GREASY WASTE UP TO KITCHEN EQUIPMENT



PLUMBING UNDERGROUND PLAN
- UNIT "M"
SCALE: 1/8" = 1'-0"

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AD-2	10/29/21	ADDENDUM NO. 2
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PLUMBING UNDERGROUND PLAN - UNIT M

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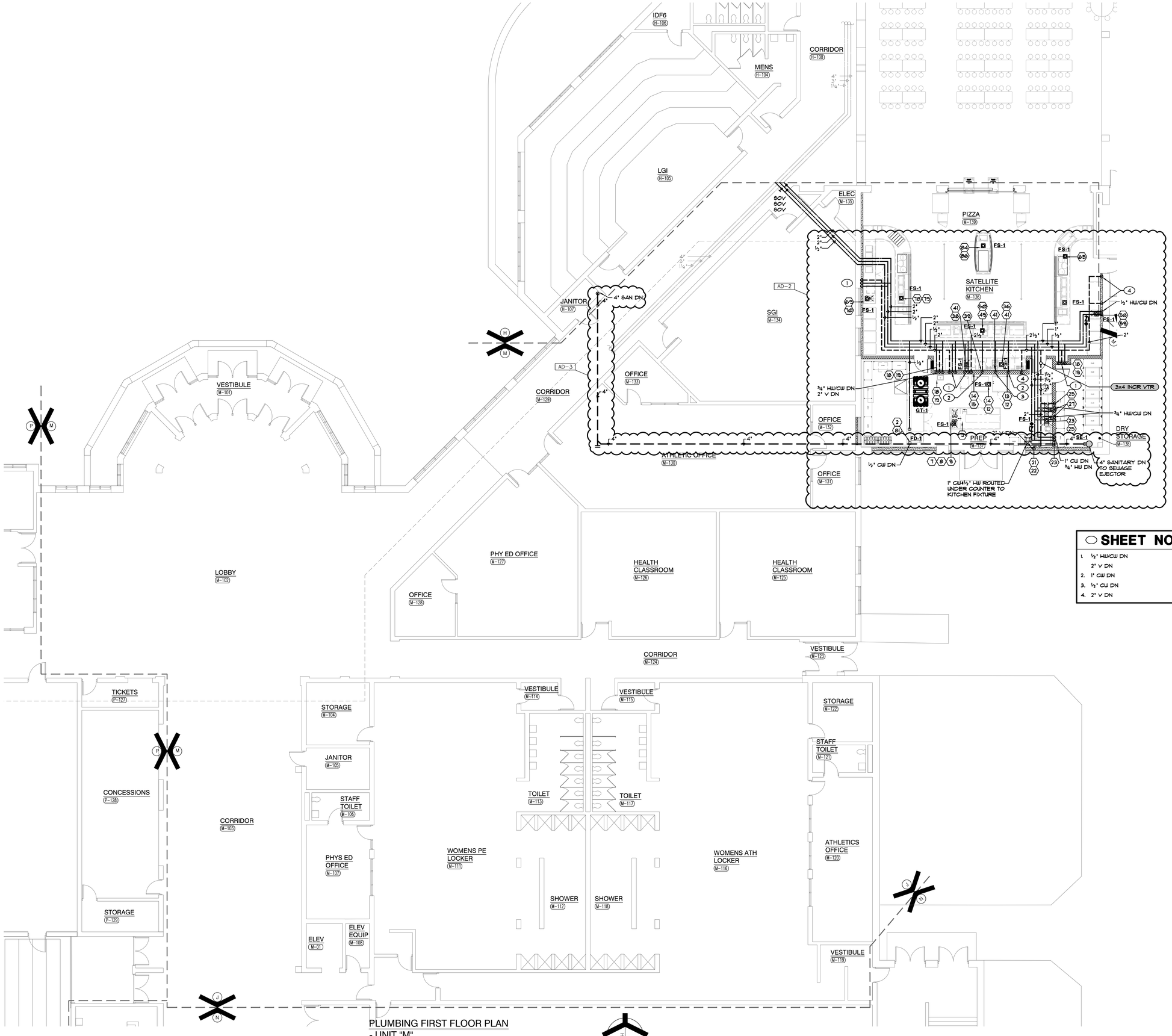

SHEET NOTES

1. ½" HW/CW DN
   2" V DN
2. 1" CW DN
3. ½" CW DN
4. 2" V DN

PLUMBING FIRST FLOOR PLAN
- UNIT "M"
SCALE: 1/8" = 1'-0"

NORTH

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PLUMBING FIRST FLOOR PLAN - UNIT M

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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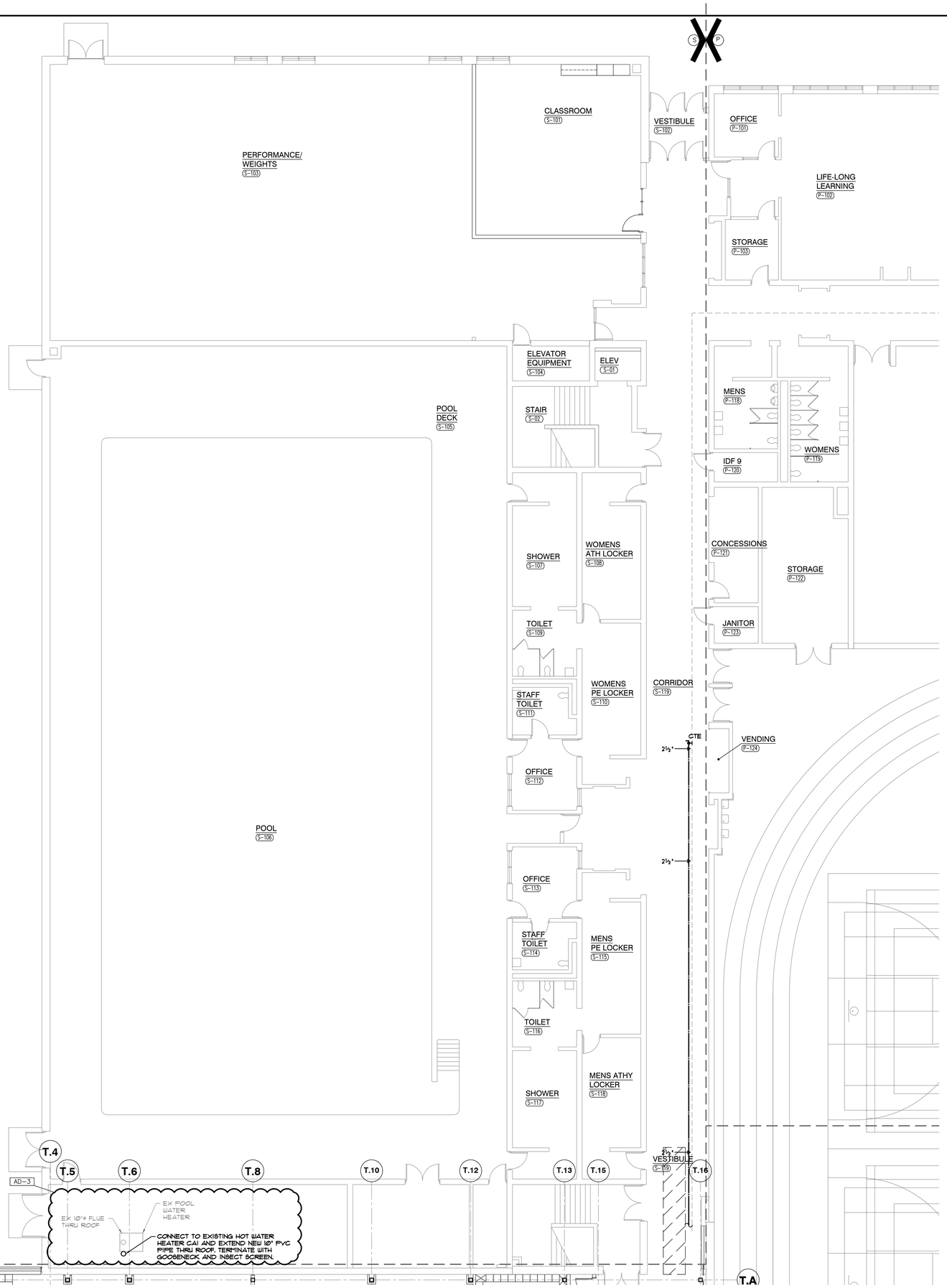

PLUMBING FIRST FLOOR PLAN
- UNIT "S"
SCALE: 1/8" = 1'-0"

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PLUMBING EQUIPMENT AND FIXTURE SCHEDULE

TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCEPTABLE MANUF.	FIXTURE VALVE/FAUCET TYPE	FIXTURE VALVE/FAUCET TYPE	ACCEPTABLE MANUF.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	ELECTRICAL DATA HP	MCA	FLA	AMPS	MOCP	VOLT	PH	HZ.
WC-1	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED	AMERICAN STANDARD #2257.003	NOTE #1	MANUAL FLUSH VALVE	SLOAN "REGAL PRO" #116-1.6	NOTE #8	BEMIS #2155-C SEAT	-	-	-	-	-	-	-	-
WC-2	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED, ADA	AMERICAN STANDARD #2257.003	NOTE #1	MANUAL FLUSH VALVE	SLOAN "REGAL PRO" #111-1.6	NOTE #8	BEMIS #2155-C SEAT	-	-	-	-	-	-	-	-
UR-1	URINAL	VITREOUS CHINA, WALL MOUNTED, ADA	AMERICAN STANDARD #6501.010	NOTE #1	MANUAL FLUSH VALVE	SLOAN "REGAL PRO" #186-1.0	NOTE #8	-	-	-	-	-	-	-	-	-
L-1	LAVATORY	VITREOUS CHINA, WALL MOUNTED, 20"x18", ADA	AMERICAN STANDARD #0355.012	NOTE #1	ELECTRONIC BATTERY SENSOR, 4" CENTERS	SLOAN #EBF-187	NOTE #3	MCGUIRE #PW-2150-WC 1-1/2" PROWRAP, MCGUIRE #4216TCCLK SUPPLIES	-	-	-	-	-	-	-	-
EWC-1	ELECTRIC WATER COOLER	ELECTRIC WALL MOUNTED	ELKAY #EZS	NOTE #2	-	-	-	-	-	-	-	-	-	120	1	60
S-1	SINK	SINGLE COMPARTMENT STAINLESS STEEL SINK, 22"x19-1/2"	ELKAY #LR-2219	NOTE #3	2 HANDLE, HIGH GOOSENECK	CHICAGO FAUCET CO. #785	NOTE #3	ELKAY #35 STRAINER, ELKAY #LK-53 DRAIN ASSEMBLY, MCGUIRE #4216TCCLK SUPPLIES	-	-	-	-	-	-	-	-
S-2	SINK	TWO COMPARTMENT STAINLESS STEEL SINK, 33"x19"x6"	ELKAY #LRADQ-3319	NOTE #3	2 HANDLE, HIGH GOOSENECK	ELKAY #LKD2448BH	NOTE #4	ELKAY #35 STRAINER, ELKAY #LK-53 DRAIN ASSEMBLY, MCGUIRE #4216TCCLK SUPPLIES	-	-	-	-	-	-	-	-
S-3	SINK	TWO COMPARTMENT STAINLESS STEEL SINK, 33"x19"x6"	ELKAY #LRADQ-3319	NOTE #3	-	-	-	-	-	-	-	-	-	-	-	-
SH-1	SHOWER	FIBERGLASS SHOWER ASSEMBLY	AQUAGLASS #3136336AC	-	1-HANDLE PRESSURE/TEMP. BALANCED	POWERS #E710-M-2	NOTE #5	-	-	-	-	-	-	-	-	-
SH-2	SHOWER	ADA SHOWER 36"x36"x75"	AQUATIC 1363BFRF	-	HANDSHOWER, 60" METAL HOSE, 24" SLIDEBAR	ZURN Z7301-SS-MT-DV-2P-HW-H3-SS	NOTE #5	AQUATIC L-SHAPED FOLD UP SEAT AND GRAB BAR, PROVIDE Z1000-H12 SHUT-OFF SHOWER HEAD	-	-	-	-	-	-	-	-
RD-1	ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB #R1200-EU	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	-
OFRD-1	OVERFLOW ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB #R1200-W	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	-
LS-1	LAB SINK	NOTE #11	-	-	NOTE #11	-	-	W/ 1-1/2" TAILPIECE, P-TRAP, SUPPLIES, (2) CHICAGO FAUCET CO. #380-909AGVCP GAS TURRET	-	-	-	-	-	-	-	-
MB-1	MOP BASIN	MOLDED STONE, 30"x30"x6"H	FIAT #SB-3030	NOTE #4	WALL MOUNTED SERVICE FAUCET	CHICAGO FAUCET CO. #897	NOTE #3	W/ 3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE	-	-	-	-	-	-	-	-
NB-1	NEUTRALIZATION BASIN	150 GALLON, 6" CLEANOUT	ORION #T-5	-	-	-	-	-	-	-	-	-	-	-	-	-
WH-1	WATER HEATER	150 MBH, 350 GPH, 175 GAL. STORAGE	STATE #SUFL-250-150A	NOTE #10	-	-	-	TEMP. RELIEF VALVE, DRAIN VALVE PIPED TO FLOOR DRAIN	-	-	-	5	-	120	1	60
RCP-1	RECIRCULATION PUMP	1.5 GPM @ 9.5' HEAD, ALL BRONZE CONSTRUCTION	B&G #PL-36	-	-	-	-	W/ STRAP ON AQUASTAT	1/6	-	-	-	-	120	1	60
GT-1	GREASE TRAP	100 GPM, SOLIDS CAPACITY 128 GAL, LIQUID CAPACITY 510 GAL	SCHIER #GB-500	-	-	-	-		-	-	-	-	-	-	-	-
PB-1	PLUMBERS BOX	FOR CLOTHES WASHER	GUY GRAY #B200TS	-	-	-	-	-	-	-	-	-	-	-	-	-
FD-1	FLOOR DRAIN	CAST IRON BODY, ADJUSTABLE 6"x6" NICKEL BRONZE TOP	WADE #1100-G6	NOTE #5	-	-	-	VANDALPROOF SCREWS, PLUGGED TRAP PRIMER	-	-	-	-	-	-	-	-
FS-1	FLOOR SINK	CAST IRON, 8-1/8" DEEP, ACID RESISTING, 12"x12" TOP	WADE #9140	NOTE #5	-	-	-	AL. DOME STRAINER, SECURED HINGED GRATE, SLOPED RIM. MOUTED FLUSH WITH FLOOR	-	-	-	-	-	-	-	-
SC-1	SILLCOCK	NON-FREEZE, VACUUM BREAKER, REMOVABLE KEY	WADE #8600	NOTE #6	- AD-3	-	-	-	-	-	-	-	-	-	-	-
SE-2	DUPLEX SEWAGE EJECTOR	3" SOLIDS HANDLING, 120 GPM @ 24' T.D.H.	METROPOLITAN #2SMPC150	-	-	-	-	W/ DUPLEX NEMA-1 HIGH WATER ALARM PANEL, BASIN 30"x36"D W/ STEEL GASTIGHT COVER	(2)1.5	-	-	-	-	480	3	60
HB-1	HOSEBIBB	VACUUM BREAKER, 3/4" HOSE THREAD	CHICAGO FAUCET CO. #952	NOTE #6	-	-	-	-	-	-	-	-	-	-	-	-
TW-1	TEMPERED WATER VALVE	TEMPERED WATER VALVE	BRADLEY #HL45	NOTE #7	-	-	-	-	-	-	-	-	-	-	-	-
TW-2	TEMPERED WATER VALVE	TEMPERED WATER VALVE	BRADLEY #813-2000 EFX8	NOTE #7	-	-	-	-	-	-	-	-	-	-	-	-
TW-3	TEMPERED WATER VALVE	TEMPERED WATER VALVE	BRADLEY # 813-2150	NOTE #7	-	-	-	-	-	-	-	-	-	-	-	-
EMSH-1	EM. SHOWER	EMERGENCY SHOWER	BRADLEY 813-110BF	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE #1: GERBER, CRANE, KOHLER, ZURN

NOTE # 2: OASIS, HAWS, SUNROC

NOTE #3: JUST

NOTE #4: MUSTEE, SWAN

NOTE #5: ZURN, JOSAM, J.R. SMITH, MIFAB

NOTE #6: JOSAM, ZURN, J.R. SMITH, WOODFORD

NOTE #7: LEONARD, POWERS, LAWLER

NOTE #8: ZURN, TOTO

NOTE #9: ZURN, DELTA, T&S BRASS, CHICAGO FAUCET CO.

NOTE #10: LOCHINVAR, A.O. SMITH

NOTE #11: FIXTURE PROVIDE BY OTHERS. PLUMBING CONTRACTR TO INSTALL

PLUMBING KITCHEN EQUIPMENT SCHEDULE

CONN. NO.	CONNECT TO	COLD WATER	HOT WATER	WASTE	FLOOR DRAINS	REMARKS
6	ISLAND WORK TABLE W/ PREP SINK	-	-	-	-	-
7	SPLASH MOUNTED FAUCET	½"	½"	-	FS-1	-
8	GARBAGE DISPOSAL SYSTEM	-	-	-	-	-
22	WALL MOUNTED HAND SINK	-	-	-	-	-
23	HAND SINK FAUCET	½	½"	1½"	-	-
27	CLEAN DISH TABLE W/ THREE COMPT SINK	½"	½"	-	FS-1	-
28	VENTLESS DISH MACHINE	-	½"	-	FS-1	-
29	SOILED DISH TABLE W/ SCRAP SINK/FAUCET	½"	½"	-	FS-1	-
32	THREE PAN QUICK SWITCH WELLS	-	-	-	FD-1	-
37	TWO PAN COLD WELL	-	-	-	FD-1	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

THIS CONTRACTOR SHALL PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS. PROVIDE AND INSTALL ALL VALVES, STOPS, TRAPS, AND PRESSURE REGULATORS NECESSARY TO CONNECT LINES. FOR FURTHER INFORMATION AND DESCRIPTION OF KITCHEN EQUIPMENT BEING SUPPLIED REFER TO ARCHITECTURAL DRAWINGS, KITCHEN EQUIPMENT DRAWINGS, AND ENLARGED KITCHEN AREA DRAWINGS.

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SYMBOL LIST

TECHNOLOGY

- HOLD OPEN RELEASE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VIDEO INTERCOM CALL STATION - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VIDEO INTERCOM MASTER STATION - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- KEYPAD - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- DOOR RELEASE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- DOOR STATUS SENSOR - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- PROXIMITY CARD READER - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VOLUME CONTROL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- MIC INPUT - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- VOICE/DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- LED CLOCK - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- SPEAKER, HORN TYPE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VIDEO PROJECTOR - ROUGH-IN ONLY - CONSISTING OF ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX FOR LOW VOLTAGE. REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- "TV" PANEL - ROUGH-IN ONLY - CONSISTING OF ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX FOR LOW VOLTAGE. REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- SOUND CABINET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- WALKER RFB4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND ROUGH-IN FOR DATA JACKS - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION FOR LOW VOLTAGE ROUGH-IN. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.
- L — ELECTRIC DOOR STRIKE - STUB ¾" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.

AD-3

EQUIPMENT AND WIRING

- JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
- FLEX CONDUIT CONNECTION
- JUNCTION BOX W/ FLEX CONDUIT CONNECTION.
- ELECTRIC MOTOR CONNECTION - PROVIDE LOCAL DISCONNECT SWITCH PER NATIONAL ELECTRIC CODE - CONNECT MISCELLANEOUS ACCESSORIES SUCH AS BACK DRAFT DAMPERS, ETC. COMPLETE AS REQUIRED.
- ELECTRIC PANELBOARDS.
- DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER
- COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH.
- MAGNETIC STARTER
- T — TRANSFORMER - SIZE AND TYPE AS REQUIRED
- SPD — SURGE SUPPRESSION DEVICE
- TELEPHONE TERMINAL BOARD
- T.T.B. — CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING
- CONDUIT CONCEALED ABOVE CEILING OR IN WALL
- CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR.
- CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER
- FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK.
- LP-A1 — HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL.
- INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED) CROSS HATCHED INDICATES NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)
- D — DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" AFF. WITH ¾"C. ROUTED DOOR OPERATOR.
- SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.
- H — HAND DRYER (MODEL SPECIFIED BY ARCHITECT), REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING LOCATION. — AD-2
- CUT AND PATCH EXISTING WALL AS REQUIRED TO INSTALL NEW DEVICE AND RACEWAY. REPAIR SURFACES TO MATCH EXISTING FINISH.
- ALL DEVICES INDICATED WITH BOX BASE TO BE SURFACE MOUNTED TO THE EXISTING WALL ON WIREMOLD *V2000 OR EQUAL IF SINGLE SERVICE, OR WIREMOLD *4000 IF DUAL SERVICES — AD-3
- FURNISH 'ASCO', 120V, NORMALLY CLOSED SOLENOID VALVE FOR USE WITH LIQUID GAS OR AIR, BRASS BODY CONSTRUCTION, MOUNTABLE IN ANY POSITION. COORDINATE PIPE SIZE AND REQUIREMENTS IN FIELD.
- WM — WIRE MOLD SURFACE RACEWAY COMPLETE WITH ALL ACCESSORIES
- WIREMOLD *V4000 RACEWAY VERTICAL RISER.
- CONDUIT STUB UP OUT OF FLOOR

SHEET SYMBOLS

- XX / X — HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
- 1 — ELLIPSE TAG REFERENCE TO SHEET NOTES
- 1 — SQUARE TAG REFERENCE
- TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.
- RN — REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.
- NI — F41 NEW DEVICE AS INDICATED.
- EX — EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.
- ER — EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- RR — REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.
- NE — NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

FIRE ALARM

* NOTE:
FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.

- AD — MOTORIZED DAMPER - E.C. TO INTERLOCK COMPLETE AS REQUIRED.
- FACP — FIRE ALARM CONTROL PANEL
- FIRE ALARM ANNUNCIATOR PANEL
- K — KNOX BOX - PER THE LOCAL FIRE DISTRICT STANDARDS, AT THE LOCATION INDICATED. PROVIDE BOTH POWER AND SMOKE EVACUATION KEY CONTROLS. VERIFY ELEVATION OF DEVICE WITH THE LOCAL FIRE DISTRICT PRIOR TO INSTALLING SAME. WHERE REQUIRED, FURNISH AND INSTALL A FLASHING ANNUNCIATOR, TIED TO THE FIRE ALARM SYSTEM, TO IDENTIFY LOCATION OF THE KNOX BOX.
- AD — AUTOMATIC DIALER FOR FIRE, ELEVATOR, AND/OR SECURITY SYSTEM. EXTEND (2) TELEPHONE LINES TO EACH DIALER FROM T.T.B.
- FIRE ALARM PULL STATION MTD 42"AFF.
- FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" AF. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. - 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 15 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF.
- D — FIRE ALARM SYSTEM HEAT DETECTOR - COMBINATION TYPE (RATE OF RISE - FIXED TEMP.) IN BOILER ROOM
- SD — FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP
- SD D — FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL FAN SHUT DOWN RELAY - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRED PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72
- SD AUX — FIRE ALARM SYSTEM SMOKE DETECTOR WITH AUXILIARY CONTACTS FOR CONNECTION TO ELEVATOR CONTROL PANEL
- RT — REMOTE SMOKE DETECTOR TEST STATION WITH LED AND KEYED SWITCH.
- R — FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRED TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.
- SFD — SMOKE FIRE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.
- SM — SMOKE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.
- FS — FIRE PROTECTION SPRINKLER FLOW SWITCH
- TS — FIRE PROTECTION SPRINKLER TAMPER SWITCH
- FIRE PROTECTION SPRINKLER ALARM BELL - INSTALLED AND WIRED
- ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.
- CO — FURNISH AND INSTALL DIGITAL CARBON MONOXIDE SENSING PROBES - MSA Z GARD 5 SENSORS OR APPROVED EQUAL WITH ¾"C. AND WIRING ROUTED TO CARBON MONOXIDE CONTROL PANEL. COORDINATE REQUIREMENTS WITH MANUFACTURER AND SPECIFICATIONS. MOUNT UNIT AT 48" AFF.

SWITCHING

- $ — FURNISH AND INSTALL TWO BUTTON ON/OFF SWITCH MTD 42" AFF; SENSORSWITCH *SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- $3 — FURNISH AND INSTALL TWO BUTTON ON/OFF 3-WAY SWITCH MTD 42" AFF; SENSORSWITCH *SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- $4 — FURNISH AND INSTALL TWO BUTTON ON/OFF 4-WAY SWITCH MTD 42" AFF; SENSORSWITCH *SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- $M — FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH MANUAL ON OPERATION MTD 42" AFF; SENSORSWITCH *WSX-PDT OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS.
- WALL MOUNTED 0-10V DIMMER SWITCH MTD 42" AFF; SENSORSWITCH, COOPER OR HUBBELL CONTROLS. VERIFY SUITABILITY OF DIMMER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING.
- DMX — DMX CONTROL STATION MTD 42" AFF; VERIFY SUITABILITY OF CONTROLLER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING. PROVIDE ALL PROGRAMMING AND WIRING FOR COMPLETE INSTALLATION.
- PIR — FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORSWITCH *CM-PDT-10-MP-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.
- PIR H — FURNISH AND INSTALL CEILING MOUNTED HIGH BAY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORSWITCH *CM-6 OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.
- WG PIR H — FURNISH AND INSTALL CEILING MOUNTED PIR HIGH BAY OCCUPANCY SENSOR WITH POWER PACK AND WIREGUARD PROTECTION. MANUFACTURERS: SENSORSWITCH *CM-6 OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.
- PC — EXTERIOR LIGHTING CONTROL PHOTOCELL
- $ — UTILITY CONTROLLER FOR SCIENCE LAB SHUT OFF SWITCHES AND EQUIPMENT RECESSED MOUNTED IN WALL. REFER TO THE SCIENCE ROOM SHUT-OFF SCHEMATIC WIRING DIAGRAM FOR ADDITIONAL INFORMATION. — AD-3
- $K — KEY OPERATED TOGGLE TYPE SWITCH
- $ — MANUAL STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION — AD-3

RECEPTACLES

- AD-3 —
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL *5362 OR EQUAL).
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL *5362 OR EQUAL)
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED AT SPECIAL HEIGHT - COORDINATE IN FIELD) (HUBBELL *5362 OR EQUAL)
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL *GF20 OR EQUAL)
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL *GF20 OR EQUAL)
- SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS). — AD-3
- AD-3 — REEL CORD WITH 25' CORD AND 20A DUPLEX GFCI RECEPTACLE, HUBBELL *HBL1251223GF20 OR EQUAL COMPLETE WITH BALL STOP, AND ALL OTHER APPURTENANCES NECESSARY FOR A COMPLETE AND PROPER INSTALLATION. MOUNT REEL CORD TO THE STRUCTURE ABOVE OR TO THE CEILING GRID (WHERE CEILINGS EXIST). VERIFY CONDITIONS, REQUIREMENTS AND LOCATIONS IN FIELD PRIOR TO ROUGH-IN.
- T — 120V-20A SPECIFICATION GRADE GROUNDED TAMPER RESISTANT DUPLEX RECEPTACLE WITH G.F.I. PROTECTION - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL *GF5362SG OR EQUAL) — AD-1

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY — REGISTERED NO. 10302590 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL SYMBOLS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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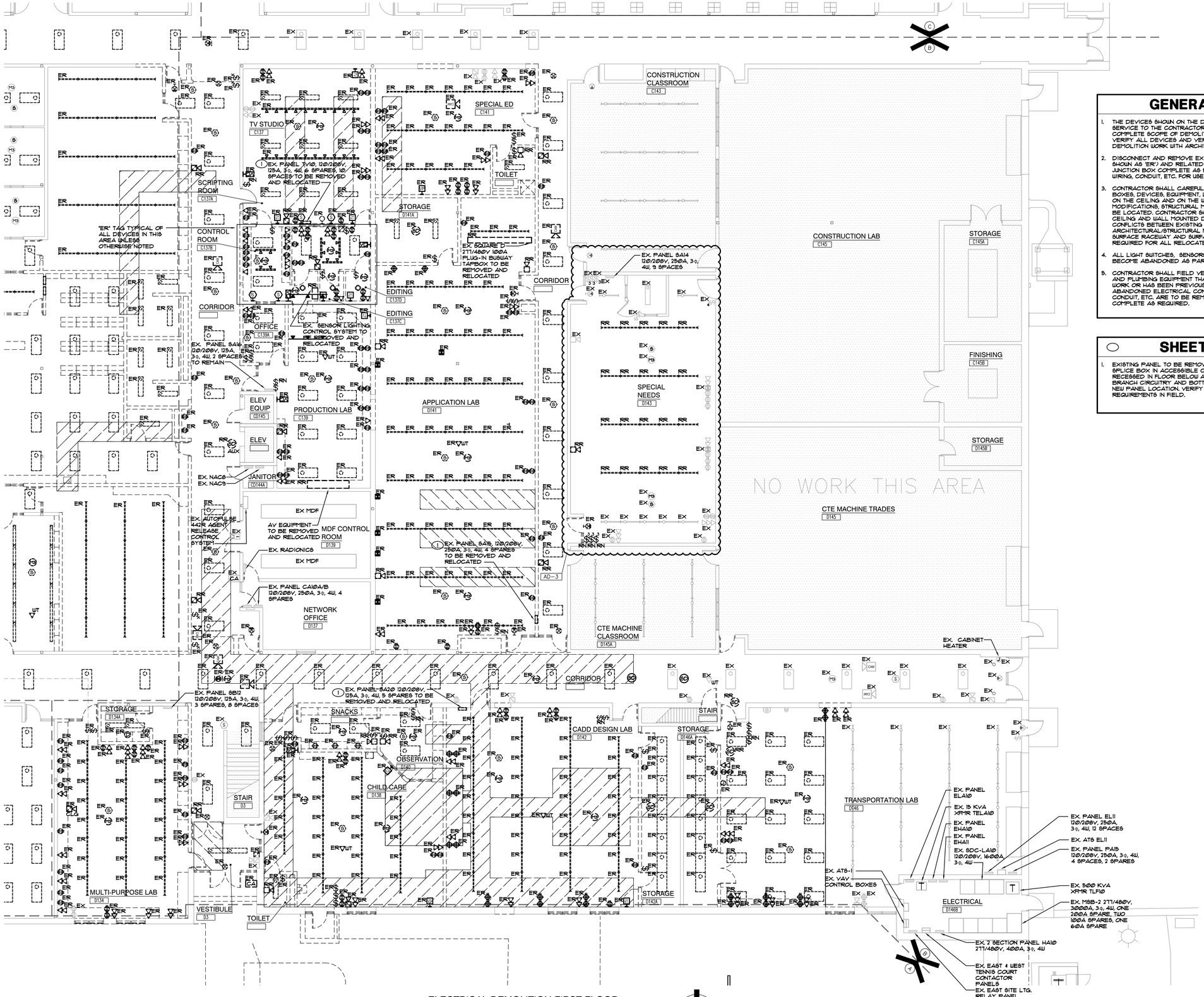
E-001



ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "B"

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.

SHEET NOTES

1. EXISTING PANEL TO BE REMOVED AND RELOCATED. PROVIDE SPLICE BOX IN ACCESSIBLE CEILING SPACE ABOVE, AND RECESSED IN FLOOR BELOW AS REQUIRED TO INTERCEPT EXISTING BRANCH CIRCUITRY AND BOTTOM FED FEEDERS FOR EXTENSION TO NEW PANEL LOCATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT B

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
B
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GENERAL NOTES

1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.

SHEET NOTES

1. EXISTING PANEL TO BE REMOVED AND RELOCATED. PROVIDE SPLICE BOX IN ACCESSIBLE CEILING SPACE ABOVE, AND RECESSED IN FLOOR BELOW AS REQUIRED TO INTERCEPT EXISTING BRANCH CIRCUITRY AND BOTTOM FED FEEDERS FOR EXTENSION TO NEW PANEL LOCATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. REMOVE FLOORBOX COVERS FOR INSTALLATION OF NEW FLOORING. REINSTALL AND ADJUST DEVICE LEVEL AFTER NEW FLOORING IS INSTALLED, COMPLETE AS REQUIRED.
3. APPROXIMATE ROUTING OF NEW OVERHEAD UTILITIES. REMOVE AND REINSTALL ALL OF EXISTING TO REMAIN DEVICES AS REQUIRED FOR INSTALLATION OF NEW UTILITIES. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IF FIELD.

ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "D"

SCALE: 1/8" = 1'-0"

NORTH

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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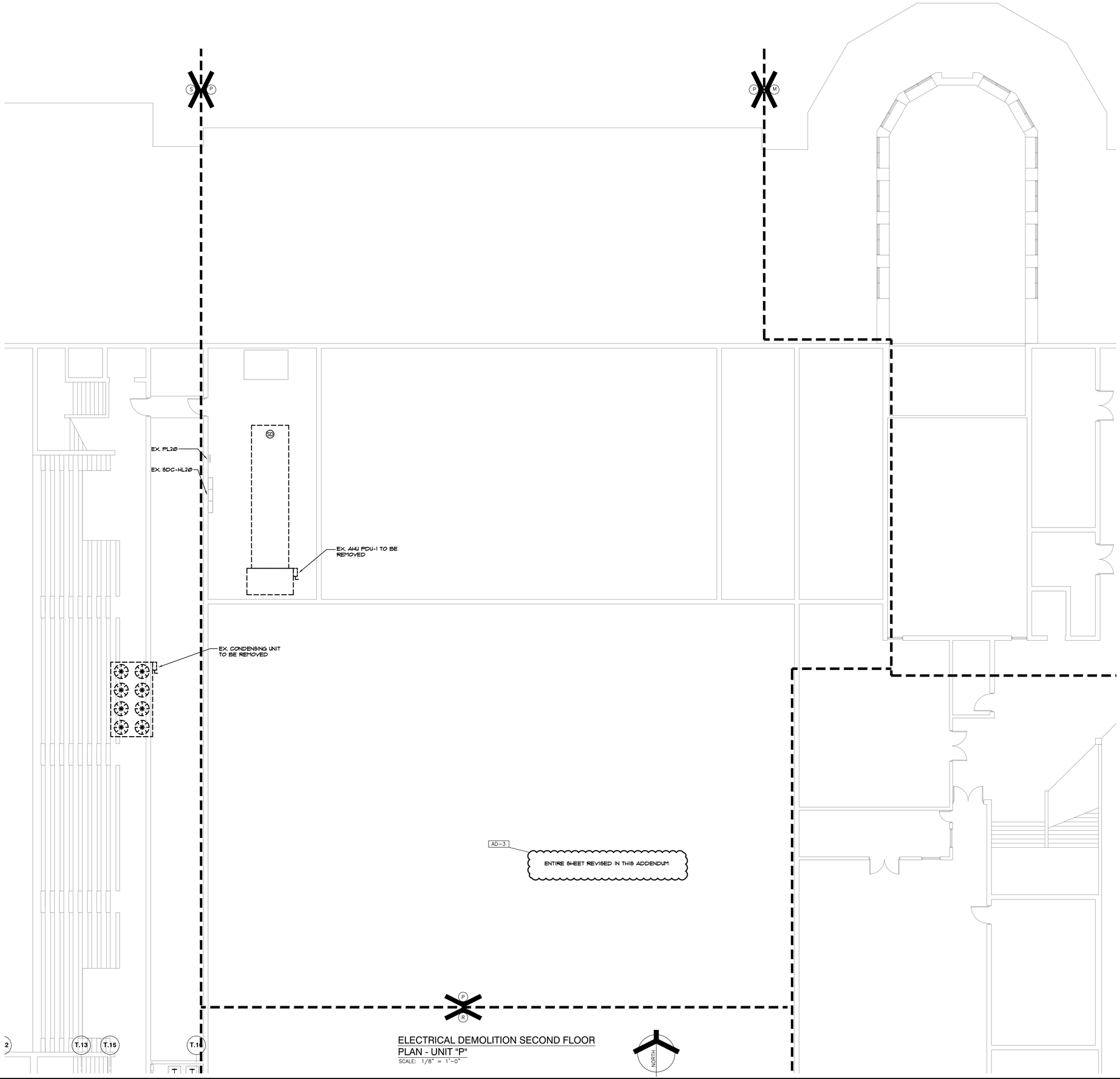

ELECTRICAL DEMOLITION SECOND FLOOR PLAN - UNIT "P"

SCALE: 1/8" = 1'-0"

NORTH

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PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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REVISIONS

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AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL DEMOLITION SECOND FLOOR PLAN - UNIT P

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET NOTES

AD-3

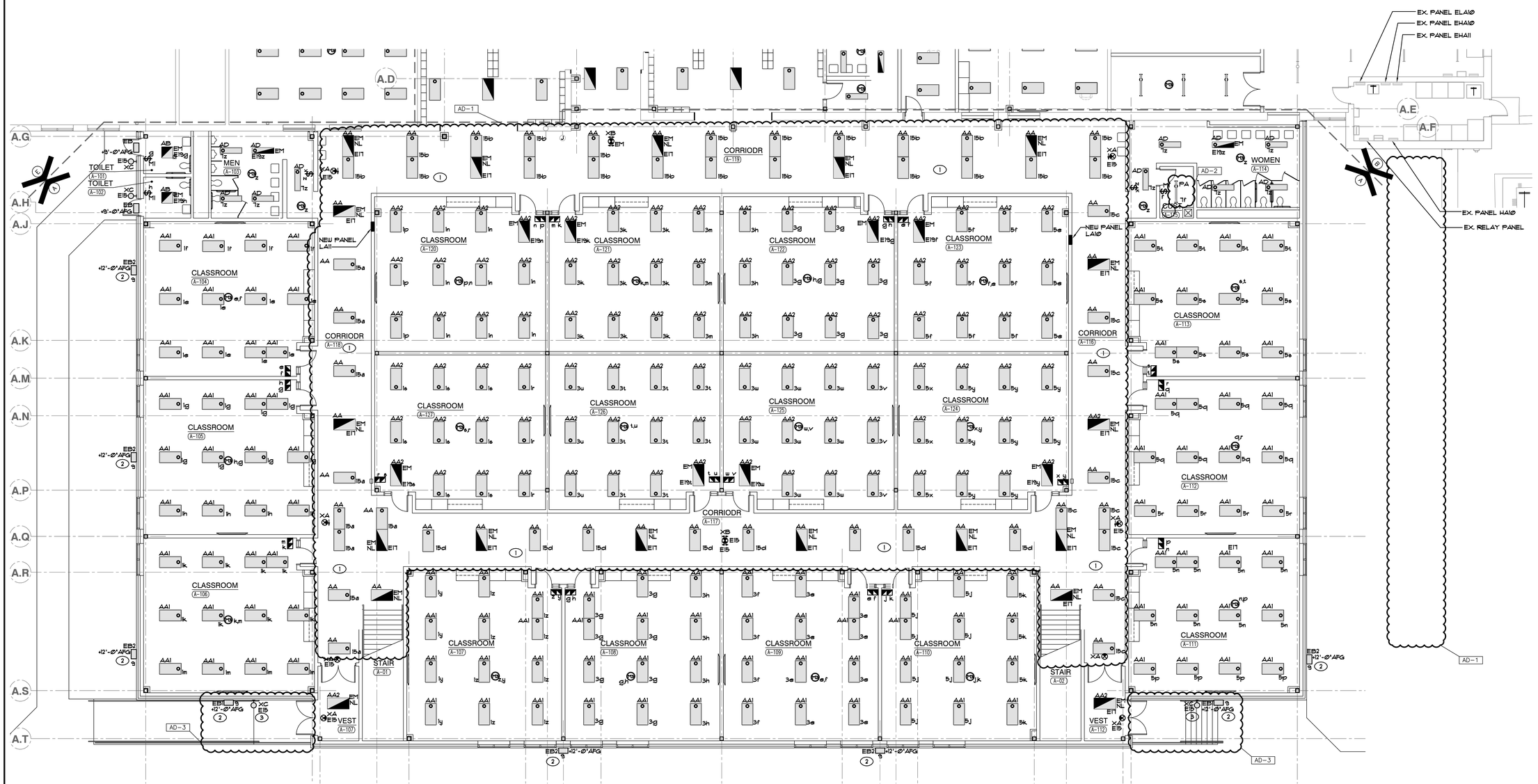
1. CIRCUIT NORMAL LIGHTING CORRIDOR TO EXISTING PANEL HA1Ø INDICATED VIA EXISTING SPARE RELAYS IN RELAY PANEL IN ELECTRICAL ROOM B-129. MODIFY RELAY PANEL PROGRAMMING AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. CIRCUIT NEW SITE LIGHTING TO EXISTING PANEL HA1Ø AS INDICATED VIA EXISTING RELAY PANEL IN ELECTRICAL ROOM B-129. MODIFY RELAY PANEL AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

AD-3

3. EMERGENCY LIGHTING HEAD CIRCUITED TO EMERGENCY CIRCUIT WITH UL924 BYPASS DEVICE. BYPASS DEVICE TO BE WIRED TO NEARBY UNSWITCHED CORRIDOR CIRCUIT FOR MONITORING UTILITY LOSS. UPON LOSS OF NORMAL POWER, BYPASS DEVICE SHALL ENERGIZE LIGHTING HEAD.

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HA1Ø UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHA11.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHA11.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EHA11. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES ACCORDING TO PANEL 11 VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'E' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL 11 VIA TIMECLOCK, CONTACTORS, PHOTOCELL AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.



ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "A"
SCALE: 1/8" = 1'-0"

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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AD-1	10/22/21	ADDENDUM NO. 1
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DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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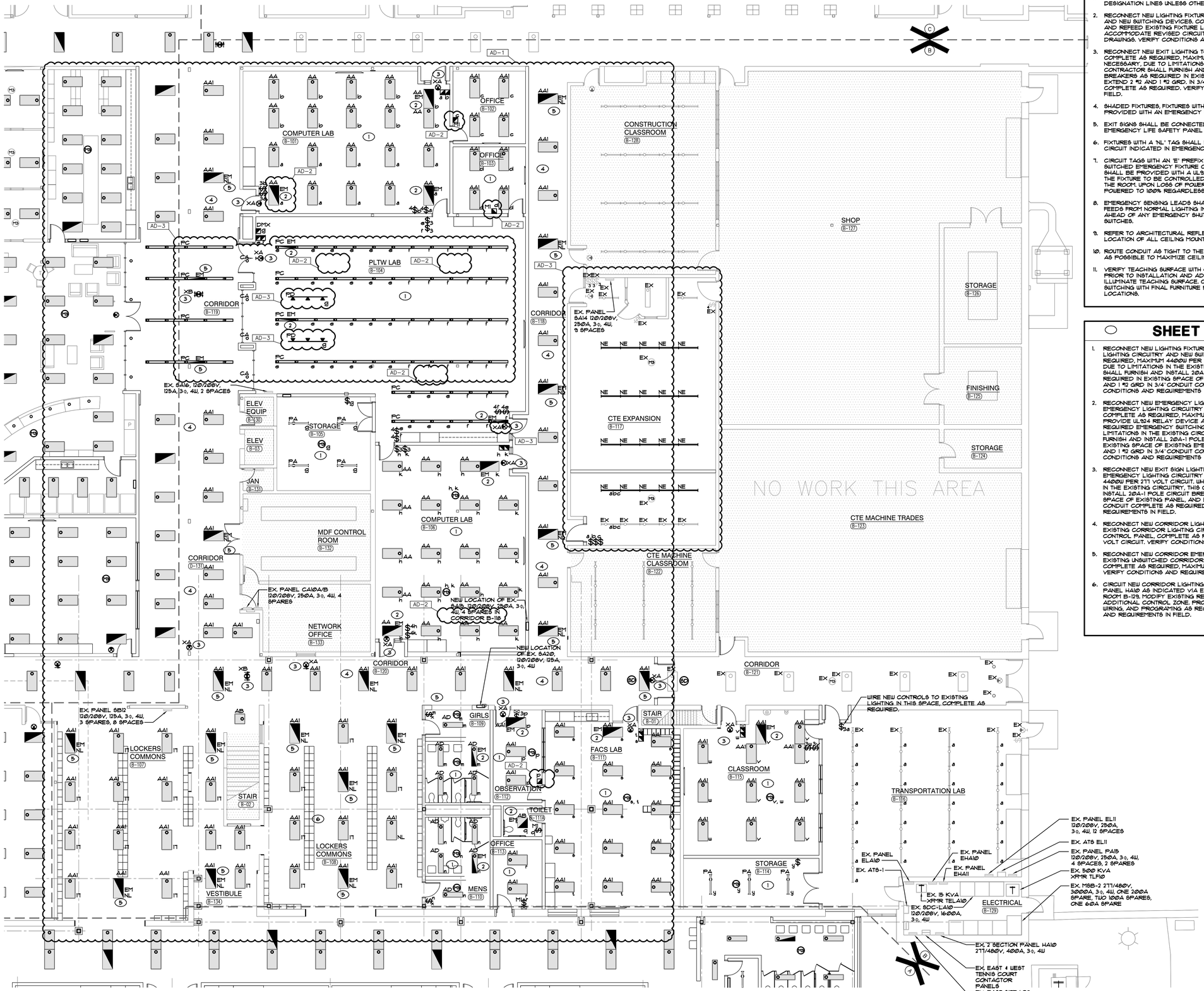

ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "B"

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. RECONNECT NEW LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES. CONTRACTOR SHALL MODIFY CIRCUITRY AND REFEED EXISTING FIXTURE LOCATIONS AS REQUIRED TO ACCOMMODATE REVISED CIRCUITING AS SHOWN ON THE NEW LIGHTING DRAWINGS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT LIGHTING TO EXISTING EXIT SIGN CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277V CIRCUIT, WHERE NECESSARY, DUE TO LIMITATIONS OF THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL AND EXTEND 2 #12 GRD. IN 3/4"C. UNLESS OTHERWISE NOTED. COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
5. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL 11.
6. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL 11.
7. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL 11. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING RELAY CONTROL PANEL, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
5. RECONNECT NEW CORRIDOR EMERGENCY LIGHTING FIXTURES TO EXISTING UNSWITCHED CORRIDOR EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
6. CIRCUIT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING PANEL HA10 AS INDICATED VIA EXISTING RELAY PANEL IN ELECTRICAL ROOM B-129. MODIFY EXISTING RELAY PANEL AS REQUIRED FOR ADDITIONAL CONTROL ZONE. PROVIDE ADDITIONAL CONTACTORS, WIRING, AND PROGRAMING AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT B

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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B
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ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "D"

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HD1Ø UNLESS OTHERWISE NOTED.
2. RECONNECT NEW LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES. CONTRACTOR SHALL MODIFY CIRCUITRY AND REFEED EXISTING FIXTURE LOCATIONS AS REQUIRED TO ACCOMMODATE REVISED CIRCUITING AS SHOWN ON THE NEW LIGHTING DRAWINGS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT LIGHTING TO EXISTING EXIT SIGN CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 440ØW PER 277V CIRCUIT, WHERE NECESSARY, DUE TO LIMITATIONS OF THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL AND EXTEND 2 #12 AND 1 #12 GRD. IN 3/4"C. UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
5. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHD1Ø.
6. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHD1Ø.
7. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EHD1Ø. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 440ØW PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 440ØW PER 277 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 440ØW PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING RELAY CONTROL PANEL, COMPLETE AS REQUIRED, MAXIMUM 440ØW PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
5. RECONNECT NEW CORRIDOR EMERGENCY LIGHTING FIXTURES TO EXISTING UNSWITCHED CORRIDOR EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 440ØW PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
6. CIRCUIT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING PANEL HA1Ø AS INDICATED VIA EXISTING RELAY PANEL IN ELECTRICAL ROOM B-129. MODIFY EXISTING RELAY PANEL AS REQUIRED FOR ADDITIONAL CONTROL ZONE. PROVIDE ADDITIONAL CONTACTORS, WIRING, AND PROGRAMING AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
7. PROVIDE NEW CONTROL STATION FOR NEW AND EXISTING MEDIA CENTER LIGHTING. PROVIDE PERMANENT LABELS ON COVER PLATES: NORTH, WEST, EAST, CENTER, DESK. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
8. EXISTING FIXTURE TO BE RELAMPED. PROVIDE NEW LED RETRO FIT LAMP, 4000K, E39 BASE, OMNI-DIRECTIONAL, 120W OR EQUAL. VERIFY EXISTING LAMPING AND FIXTURE SPACE REQUIREMENTS IN FIELD PRIOR TO ORDERING.
9. EXISTING FIXTURE TO BE RELAMPED. PROVIDE NEW LED RETRO FIT LAMP, 4000K, G23 BASE, 5W. RE-WIRE TO BYPASS BALLAST AS REQUIRED FOR LAMP COMPATIBILITY. VERIFY EXISTING LAMPING AND FIXTURE SPACE REQUIREMENTS IN FIELD PRIOR TO ORDERING.
10. NEW LOCATION OF RELOCATED STUDIO LIGHTING PLUG-IN BUSSWAY MOUNTED TO NEW PIPE BATTEN SUPPORTS. CIRCUIT TO RELOCATED ETC DIMMER PANEL AND RECONNECT.
11. PROVIDE SCHEDULE 40 2" PIPE BATTEN GRID SUPPORTED FROM STRUCTURE ABOVE FOR INSTALLATION OF OWNER'S STUDIO LIGHTING FIXTURES AND EQUIPMENT.

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
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DRAWN BY EO/CC/JM
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REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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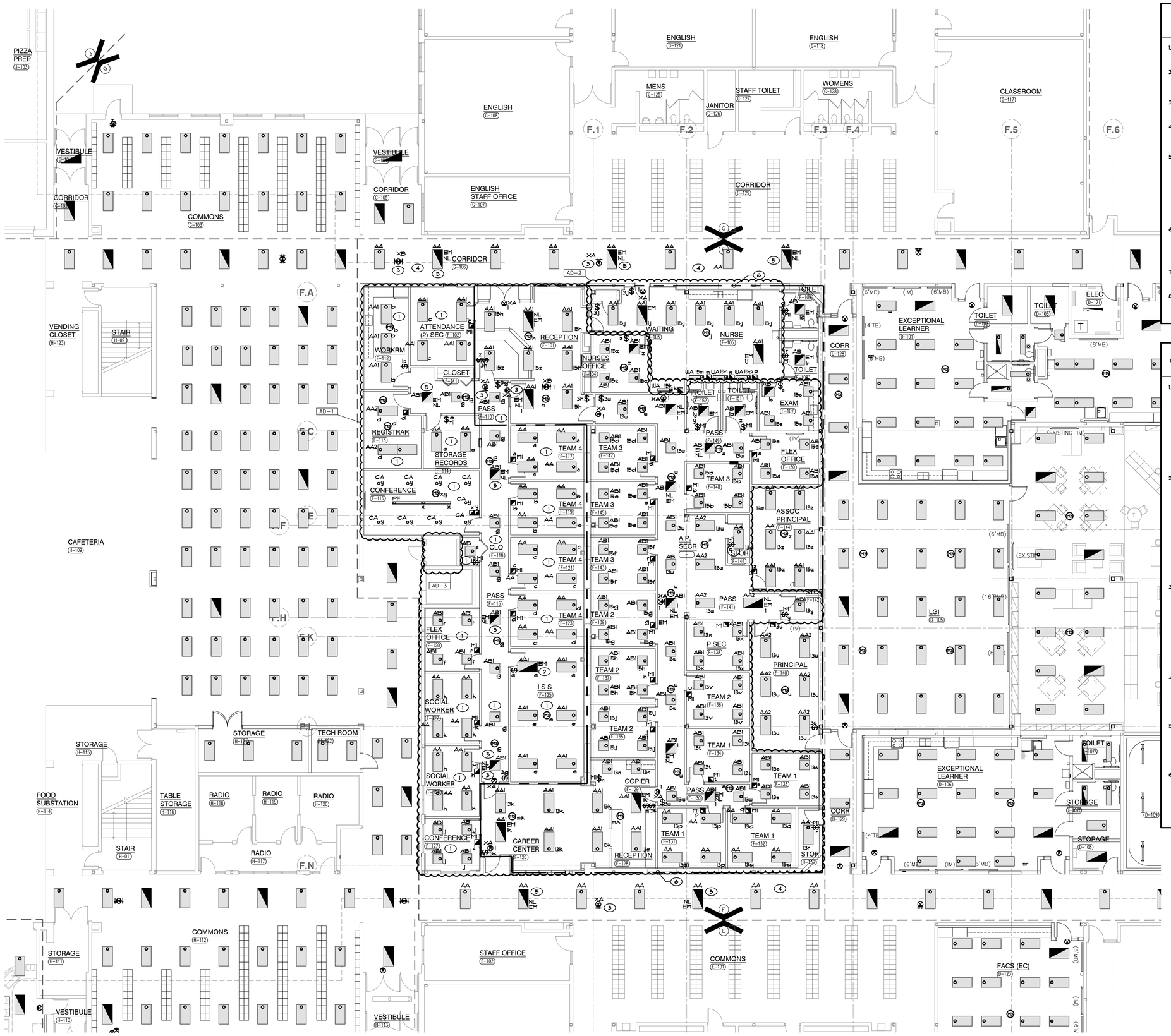
PIZZA PREP J-103
VESTIBULE H-104
CORRIDOR H-105
COMMONS H-103
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CORRIDOR G-105
ENGLISH G-108
ENGLISH STAFF OFFICE G-107
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STORAGE D-107B
STORAGE D-108
D-109
FACS (EC) D-123
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(EXISTING-IW)
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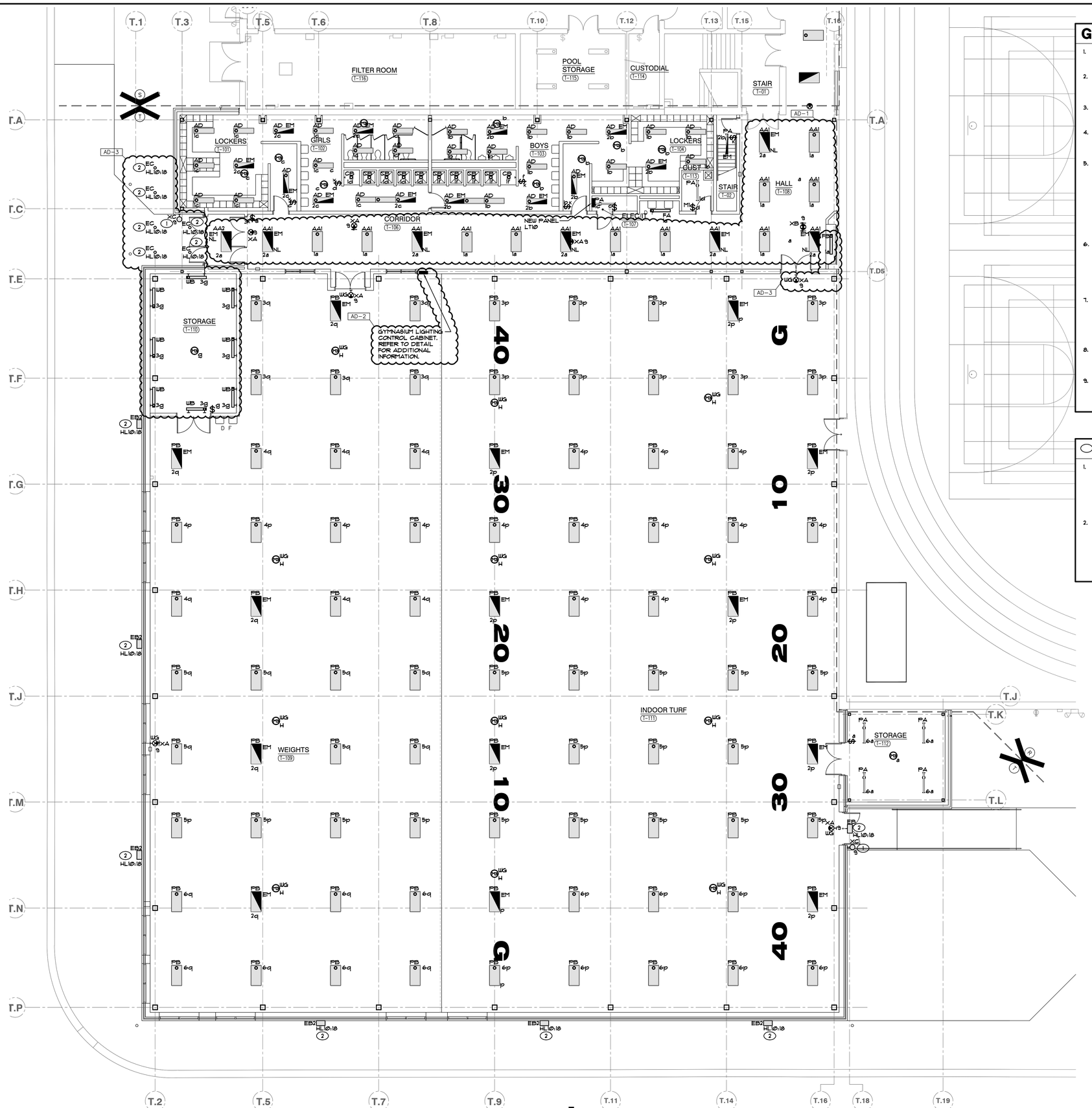

ELECTRICAL LIGHTING FIRST FLOOR PLAN
- UNIT "T"
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL PTIØ UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ELH2Ø.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ELH2Ø.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL ELH2Ø. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. EXTERIOR LIGHTING FIXTURES SHALL BE ROUTED TO PANEL HLIØ VIA TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
7. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
8. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
9. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.

SHEET NOTES

1. EMERGENCY LIGHTING HEAD CIRCUITED TO EMERGENCY CIRCUIT WITH UL924 BYPASS DEVICE. BYPASS DEVICE TO BE WIRED TO NEARBY UNSWITCHED CORRIDOR CIRCUIT FOR MONITORING UTILITY LOSS. UPON LOSS OF NORMAL POWER, BYPASS DEVICE SHALL ENERGIZE LIGHTING HEAD.
2. CIRCUIT ALL NEW NORMAL LIGHTING AS INDICATED TO EXISTING PANEL HLIØ. WIRE THROUGH NEW LIGHTING CONTACTOR (*C25-425T OR EQUAL) IN ELEC LØ9 AND INTERFACE TO BUILDING AUTOMATION SYSTEM FOR CONTROL. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

KEY PLAN

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PROJECT
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SM
DRAWN BY
EO/CC/JM
CHECKED BY
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DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT T

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

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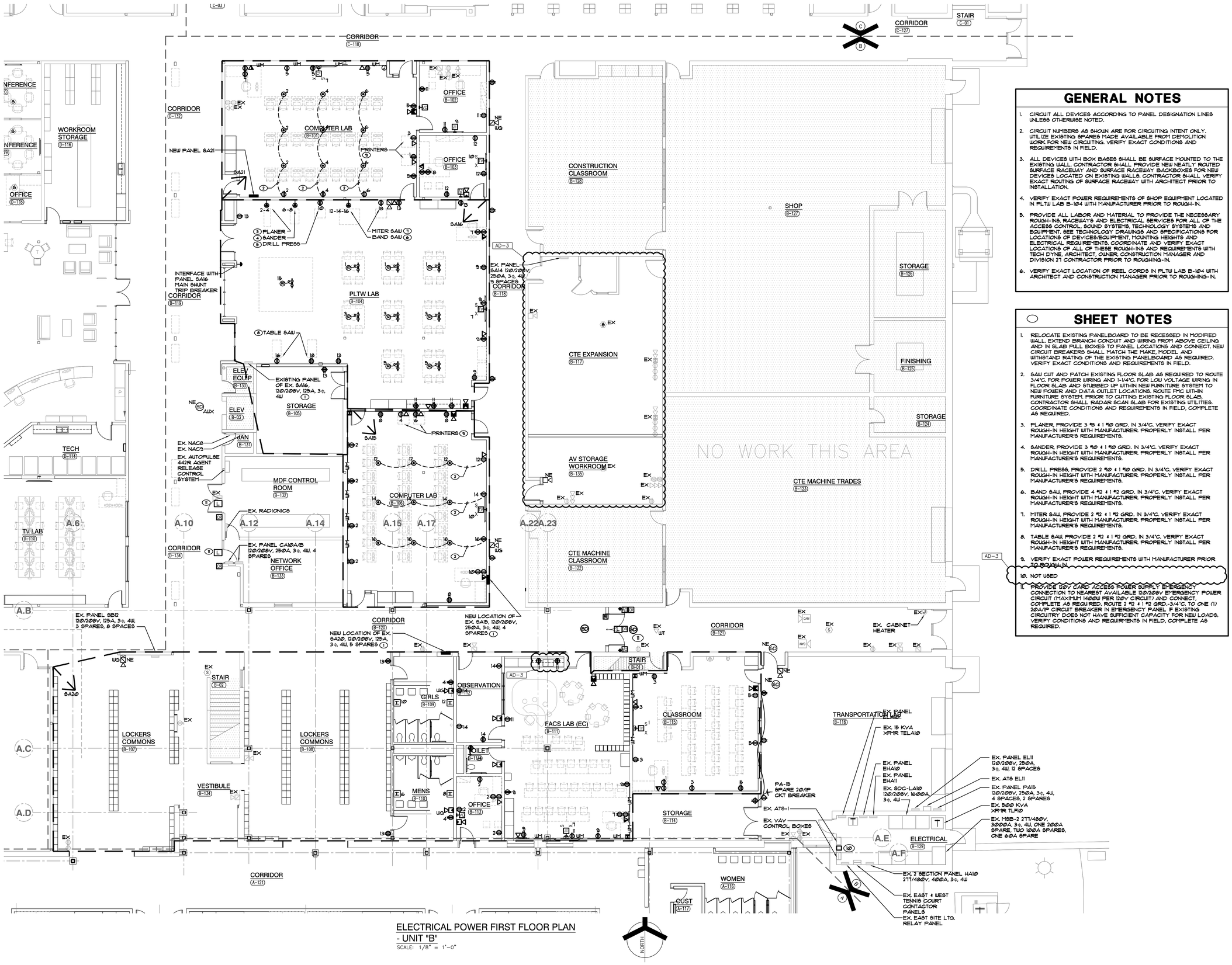
SHEET
T
EL117

PROJECT
CROWN POINT
HIGH SCHOOL
ADDITIONS AND
RENOVATIONS
FOR:
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



ELECTRICAL POWER FIRST FLOOR PLAN - UNIT "B"

SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

1. CIRCUIT ALL DEVICES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. CIRCUIT NUMBERS AS SHOWN ARE FOR CIRCUITING INTENT ONLY. UTILIZE EXISTING SPARES MADE AVAILABLE FROM DEMOLITION WORK FOR NEW CIRCUITING. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
4. VERIFY EXACT POWER REQUIREMENTS OF SHOP EQUIPMENT LOCATED IN PLTW LAB B-104 WITH MANUFACTURER PRIOR TO ROUGH-IN.
5. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.
6. VERIFY EXACT LOCATION OF REEL CORDS IN PLTW LAB B-104 WITH ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.

SHEET NOTES

1. RELOCATE EXISTING PANELBOARD TO BE RECESSED IN MODIFIED WALL. EXTEND BRANCH CONDUIT AND WIRING FROM ABOVE CEILING AND IN SLAB PULL BOXES TO PANEL LOCATIONS AND CONNECT. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. SAW CUT AND PATCH EXISTING FLOOR SLAB AS REQUIRED TO ROUTE 3/4"C. FOR POWER WIRING AND 1-1/4"C. FOR LOW VOLTAGE WIRING IN FLOOR SLAB AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE FMC WITHIN FURNITURE SYSTEM. PRIOR TO CUTTING EXISTING FLOOR SLAB, CONTRACTOR SHALL RADAR SCAN SLAB FOR EXISTING UTILITIES. COORDINATE CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
3. PLANER, PROVIDE 3 #8 & 1 #10 GRD. IN 3/4"C. VERIFY EXACT ROUGH-IN HEIGHT WITH MANUFACTURER. PROPERLY INSTALL PER MANUFACTURER'S REQUIREMENTS.
4. SANDER, PROVIDE 3 #10 & 1 #10 GRD. IN 3/4"C. VERIFY EXACT ROUGH-IN HEIGHT WITH MANUFACTURER. PROPERLY INSTALL PER MANUFACTURER'S REQUIREMENTS.
5. DRILL PRESS, PROVIDE 2 #10 & 1 #10 GRD. IN 3/4"C. VERIFY EXACT ROUGH-IN HEIGHT WITH MANUFACTURER. PROPERLY INSTALL PER MANUFACTURER'S REQUIREMENTS.
6. BAND SAW, PROVIDE 4 #12 & 1 #12 GRD. IN 3/4"C. VERIFY EXACT ROUGH-IN HEIGHT WITH MANUFACTURER. PROPERLY INSTALL PER MANUFACTURER'S REQUIREMENTS.
7. MITER SAW, PROVIDE 2 #12 & 1 #12 GRD. IN 3/4"C. VERIFY EXACT ROUGH-IN HEIGHT WITH MANUFACTURER. PROPERLY INSTALL PER MANUFACTURER'S REQUIREMENTS.
8. TABLE SAW, PROVIDE 2 #12 & 1 #12 GRD. IN 3/4"C. VERIFY EXACT ROUGH-IN HEIGHT WITH MANUFACTURER. PROPERLY INSTALL PER MANUFACTURER'S REQUIREMENTS.
9. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
10. NOT USED
11. PROVIDE 120V CARD ACCESS POWER SUPPLY. EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT. COMPLETE AS REQUIRED. ROUTE 2 #12 & 1 #12 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNEY NO. 10302590 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT B

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET B

SHEET EP102

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL 8A1 AS INDICATED. UNLESS OTHER WISED NOTED.
2. CIRCUIT NUMBERS AS SHOWN ARE FOR CIRCUITING INTENT ONLY. UTILIZE EXISTING SPARES MADE AVAILABLE FROM DEMOLITION WORK FOR NEW CIRCUITING. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
4. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

ELECTRICAL POWER FIRST FLOOR PLAN - UNIT "C"

SCALE: 1/8" = 1'-0"

NORTH

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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COORDINATED BY SM
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REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

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DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT C

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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C

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EP103

GENERAL NOTES

1. CIRCUIT ALL DEVICES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. CIRCUIT NUMBERS AS SHOWN ARE FOR CIRCUITING INTENT ONLY. UTILIZE EXISTING SPARES MADE AVAILABLE FROM DEMOLITION WORK FOR NEW CIRCUITING. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
4. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. RELOCATE EXISTING PANELBOARD TO BE RECESSED IN MODIFIED WALL. EXTEND BRANCH CONDUIT AND WIRING FROM ABOVE CEILING AND IN SLAB PULL BOXES TO PANEL LOCATIONS AND CONNECT. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. CUT AND PATCH EXISTING FLOOR SLAB AS REQUIRED TO ROUTE MINIMUM 3/4"C. FOR POWER AND 1-1/4"C. FOR LOW VOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE FMC WITHIN FURNITURE SYSTEM. PRIOR TO CUTTING EXISTING FLOOR SLAB, CONTRACTOR SHALL RADAR SCAN SLAB FOR EXISTING UTILITIES. COORDINATE CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
4. PROVIDE TWO (2) GANG BACKBOX LOCATED 12"AFF WITH THREE (3) 3/4" CONDUITS STUBBED TO ACCESSIBLE CEILING SPACE.
5. PROVIDE TWO (2) 2"CONDUIT SLEEVES IN ACCESSIBLE CEILING SPACE TO ALLOW LOW VOLTAGE CABLING TO BE ROUTED BETWEEN ROOMS.
6. PROVIDE ONE (1) TWO GANG BACKBOX ON EACH SIDE OF WALL (MOUNTED AT 12"AFF) WITH FOUR (4) 3/4" CONDUITS ROUTED BETWEEN WALL BOXES.
7. PROVIDE RECEPTACLE, DATA OUTLETS AND SINGLE GANG BACKBOX LOCATED AT 12" BELOW CEILING. PROVIDE ONE (1) 3/4" CONDUIT FROM BACKBOX TO ACCESSIBLE CEILING SPACE.
8. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
9. PROVIDE 120V CARD ACCESS POWER SUPPLY EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT. COMPLETE AS REQUIRED. ROUTE 2 #12 4 I #12 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
10. CUT AND PATCH EXISTING FLOOR SLAB AS REQUIRED TO EXTEND EXISTING CONDUITS FOR POWER AND LOW VOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE FMC WITHIN FURNITURE SYSTEM. PRIOR TO CUTTING EXISTING FLOOR SLAB, CONTRACTOR SHALL RADAR SCAN SLAB FOR EXISTING UTILITIES. COORDINATE CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.

ELECTRICAL POWER FIRST FLOOR PLAN - UNIT "D"

SCALE: 1/8" = 1'-0"

NORTH

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNEY NO. 10302590 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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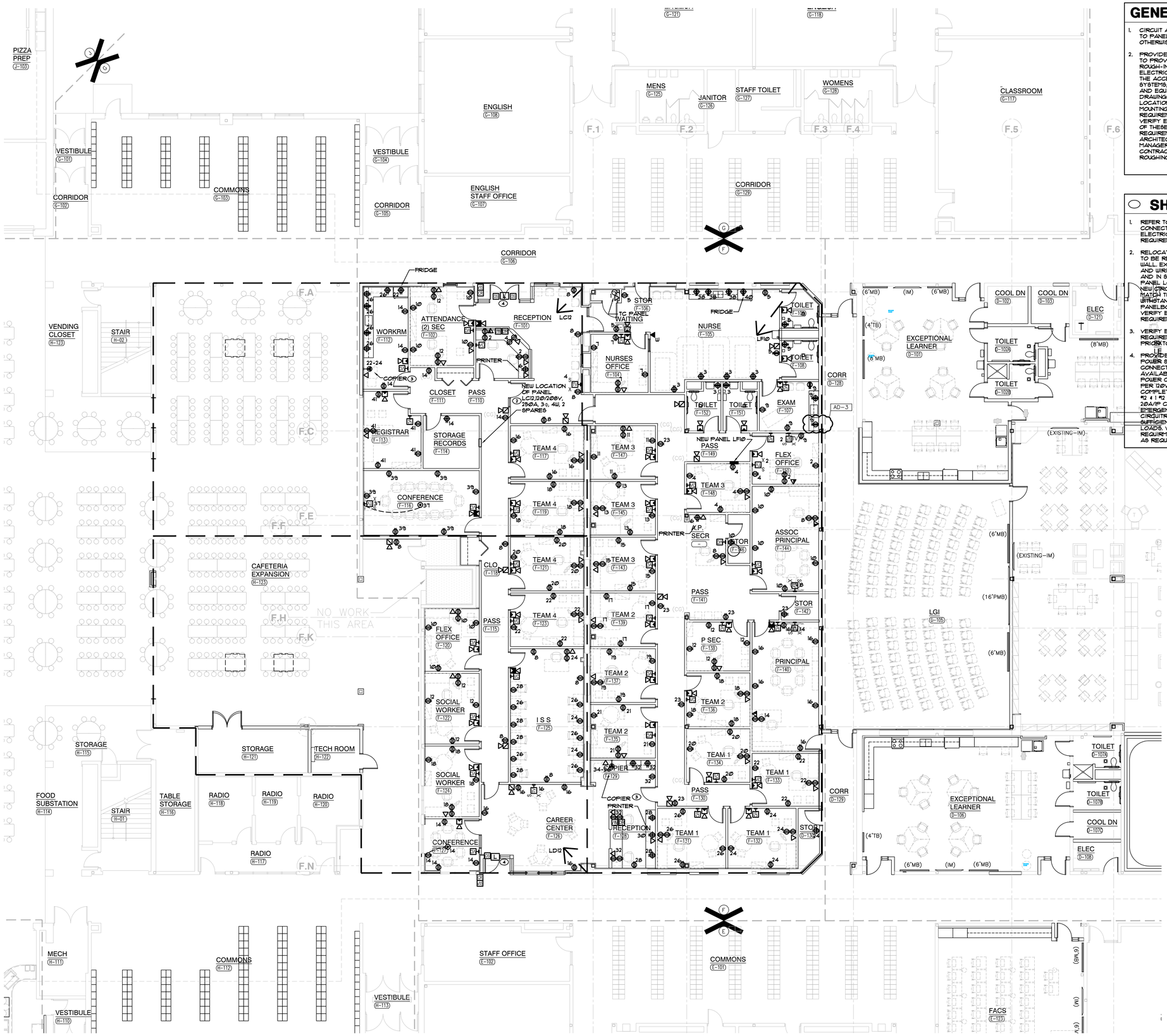

GENERAL NOTES

1. CIRCUIT ALL DEVICES ACCORDING TO PANEL DESIGNATION LINE UNLESS OTHERWISE NOTED.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. RELOCATE EXISTING PANELBOARD TO BE RECESSED IN MODIFIED WALL. EXTEND BRANCH CONDUIT AND WIRING FROM ABOVE CEILING AND IN SLAB PULL BOXES TO PANEL LOCATIONS AND CONNECT. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
4. PROVIDE 120V CARD ACCESS POWER SUPPLY EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400VA PER 120V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #2 & 1 #2 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD. COMPLETE AS REQUIRED.

ELECTRICAL POWER FIRST FLOOR PLAN - UNIT "F"

SCALE: 1/8" = 1'-0"

NORTH

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
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REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT F

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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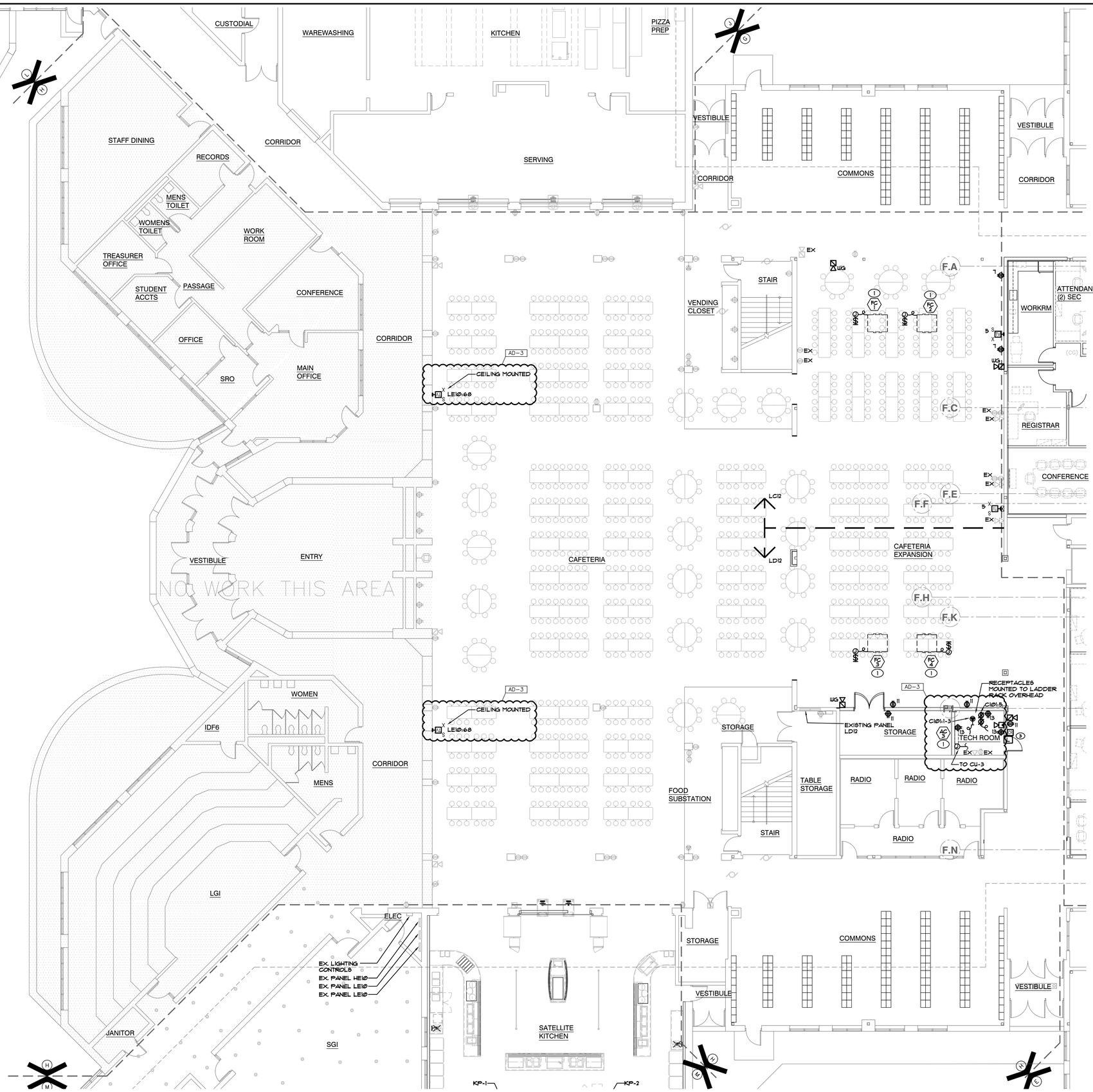

GENERAL NOTES

1. CIRCUIT ALL DEVICES ACCORDING TO PANEL DESIGNATION LINE UNLESS OTHERWISE NOTED.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH D'YNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. CIRCUIT NUMBERS AS SHOWN ARE FOR CIRCUITING INTENT ONLY. UTILIZE EXISTING SPARES MADE AVAILABLE FROM DEMOLITION WORK FOR NEW CIRCUITING. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. PROVIDE 120V CARD ACCESS POWER SUPPLY EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #12 & 1 #12 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.

ELECTRICAL POWER FIRST FLOOR PLAN
- UNIT "H"
SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
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CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT H

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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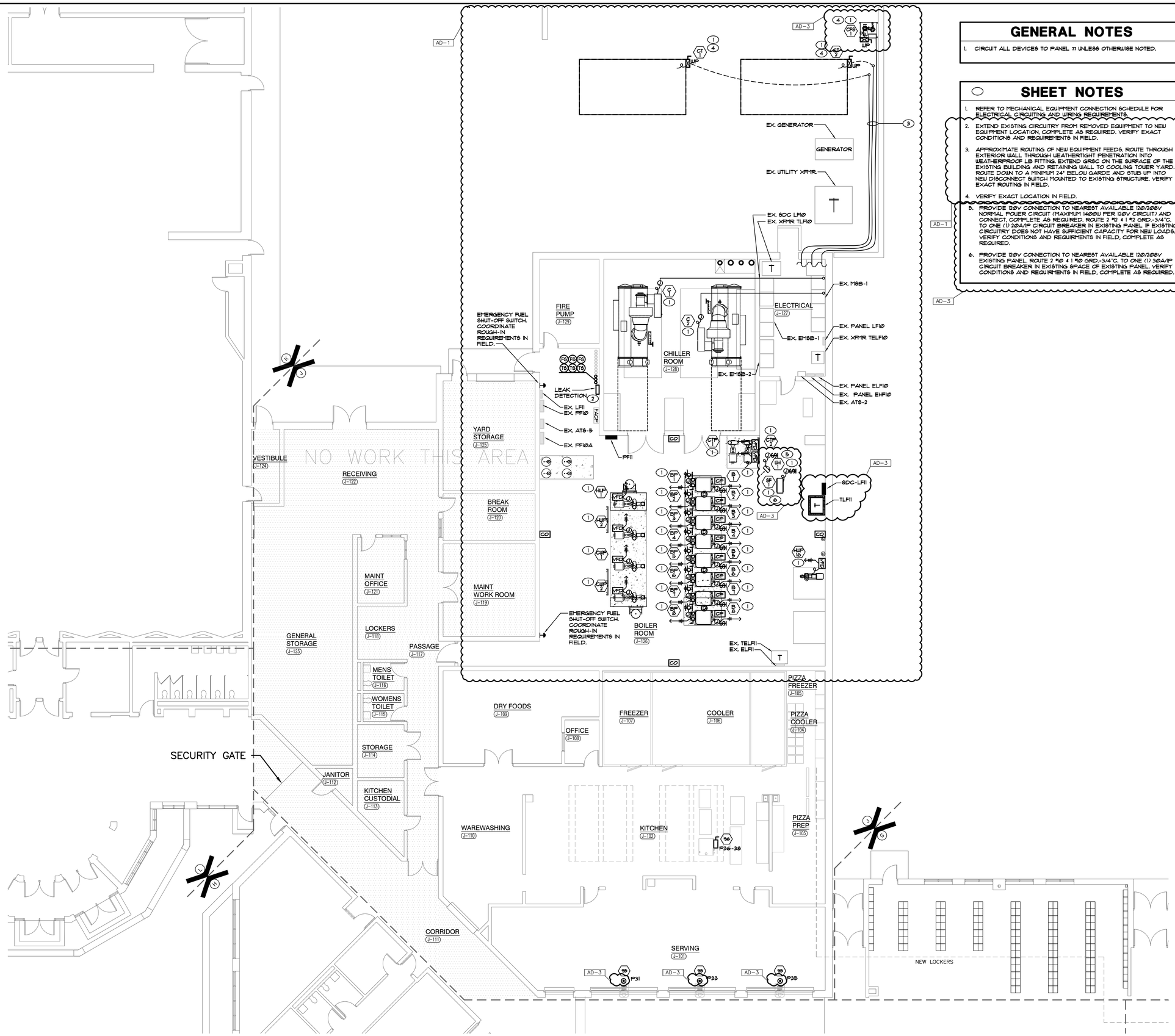
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



ELECTRICAL POWER FIRST FLOOR PLAN
- UNIT "J"
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL 'J' UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. EXTEND EXISTING CIRCUITRY FROM REMOVED EQUIPMENT TO NEW EQUIPMENT LOCATION. COMPLETE AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. APPROXIMATE ROUTING OF NEW EQUIPMENT FEEDS. ROUTE THROUGH EXTERIOR WALL THROUGH WEATHERTIGHT PENETRATION INTO WEATHERPROOF LB FITTING. EXTEND GRSC ON THE SURFACE OF THE EXISTING BUILDING AND RETAINING WALL TO COOLING TOWER YARD. ROUTE DOWN TO A MINIMUM 24" BELOW GARDE AND STUB UP INTO NEW DISCONNECT SWITCH MOUNTED TO EXISTING STRUCTURE. VERIFY EXACT ROUTING IN FIELD.
4. VERIFY EXACT LOCATION IN FIELD.
5. PROVIDE 120V CONNECTION TO NEAREST AVAILABLE 120/208V NORMAL POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #12 & 1 #12 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EXISTING PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIRMENTS IN FIELD, COMPLETE AS REQUIRED. (AD-1)
6. PROVIDE 120V CONNECTION TO NEAREST AVAILABLE 120/208V EXISTING PANEL. ROUTE 2 #10 & 1 #10 GRD.-3/4"C. TO ONE (1) 30A/1P CIRCUIT BREAKER IN EXISTING SPACE OF EXISTING PANEL. VERIFY CONDITIONS AND REQUIRMENTS IN FIELD, COMPLETE AS REQUIRED. (AD-3)

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
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DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

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AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT J

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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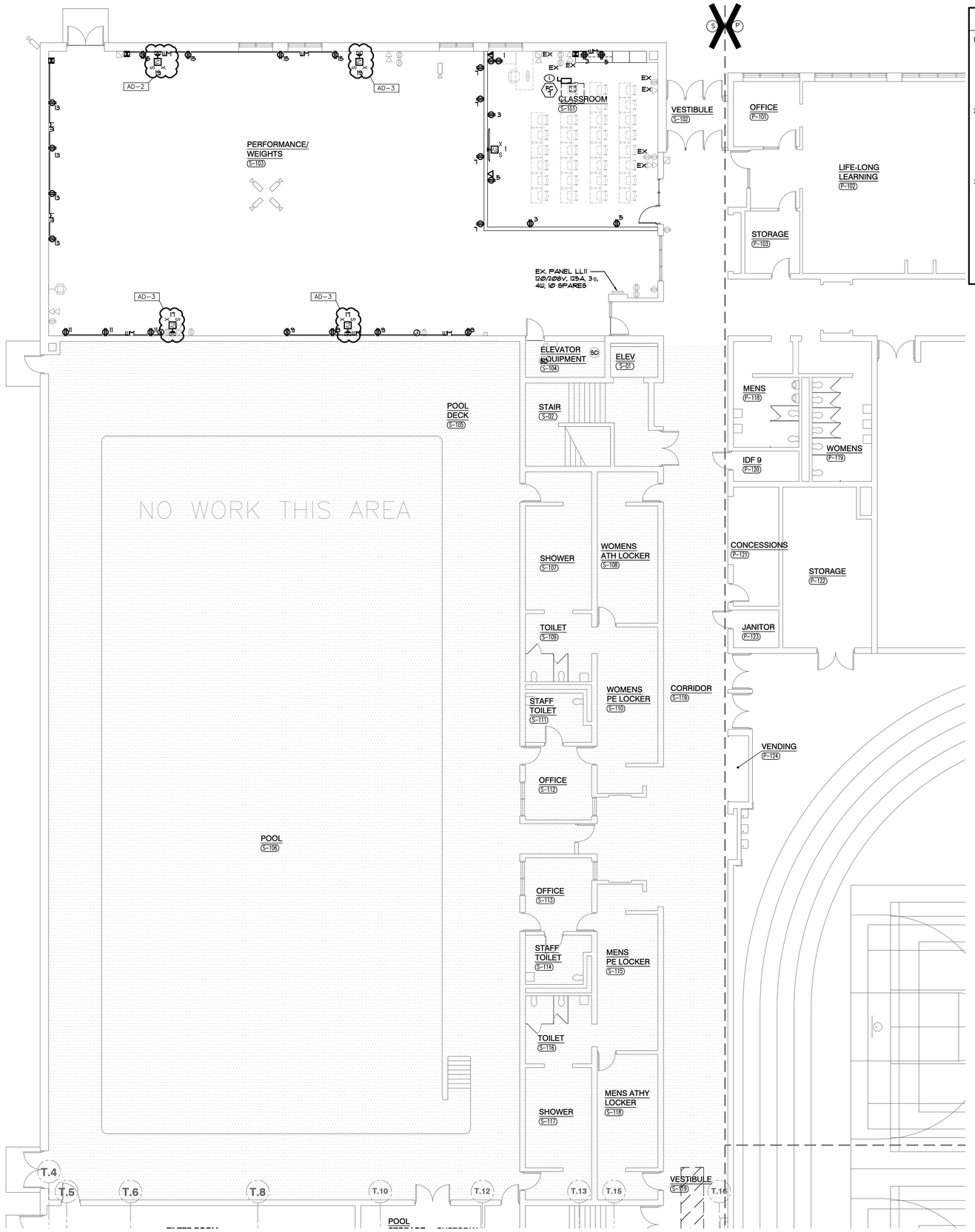
SHEET J

SHEET EP109



GENERAL NOTES

1. CIRCUIT ALL DEVICES TO EXISTING PANEL LL11 SERVING THIS AREA UNLESS OTHERWISE NOTED. MAXIMUM 1440W PER 120V CIRCUIT. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
3. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

ELECTRICAL POWER FIRST FLOOR PLAN
- UNIT "S"
SCALE: 1/8" = 1'-0"

NORTH

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT S

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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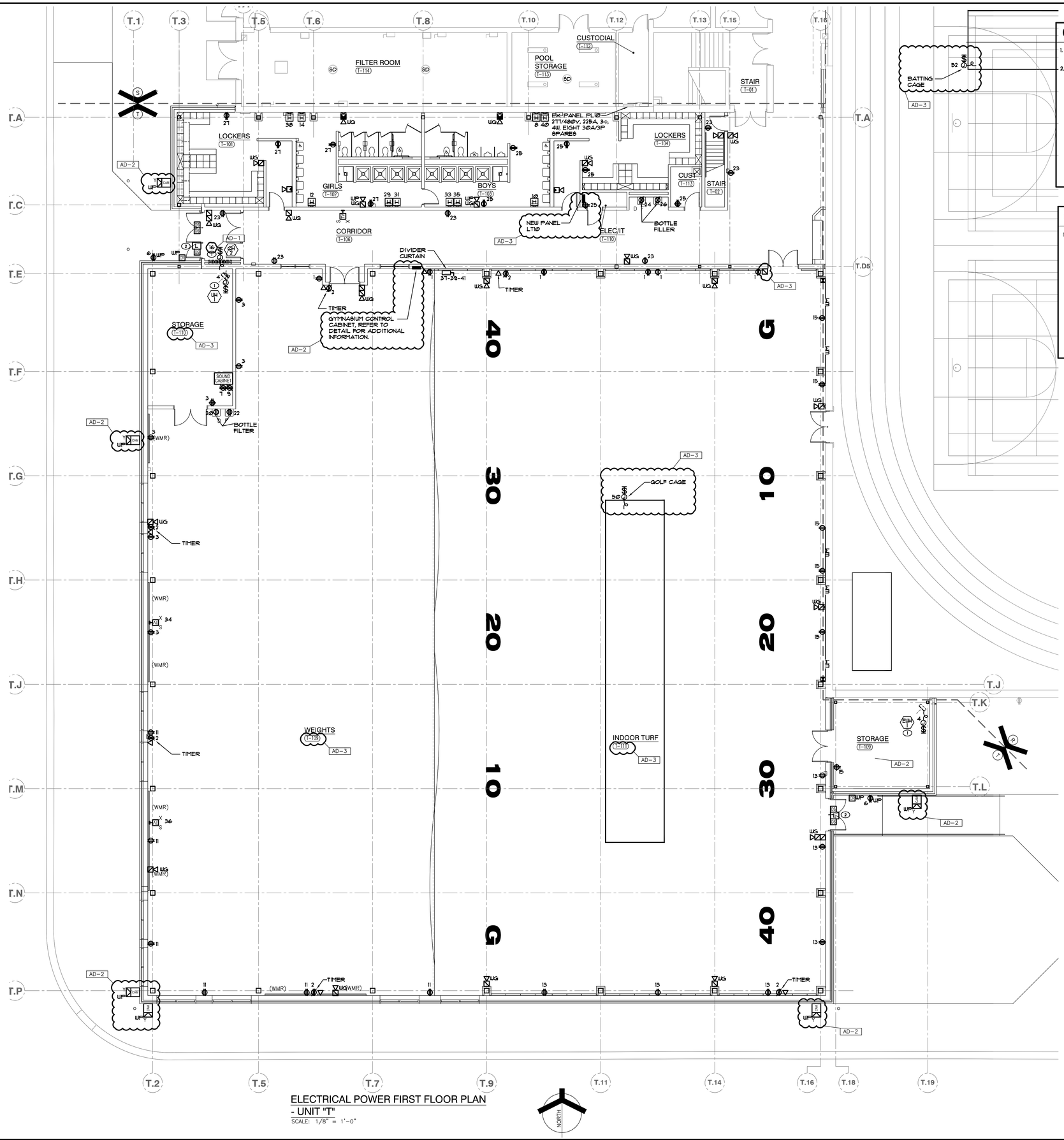

ELECTRICAL POWER FIRST FLOOR PLAN
- UNIT "T"

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL LT1@ UNLESS OTHERWISE NOTED.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. PROVIDE 120V CARD ACCESS POWER SUPPLY EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #12 & 1 #12 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL. IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS, VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
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AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT T

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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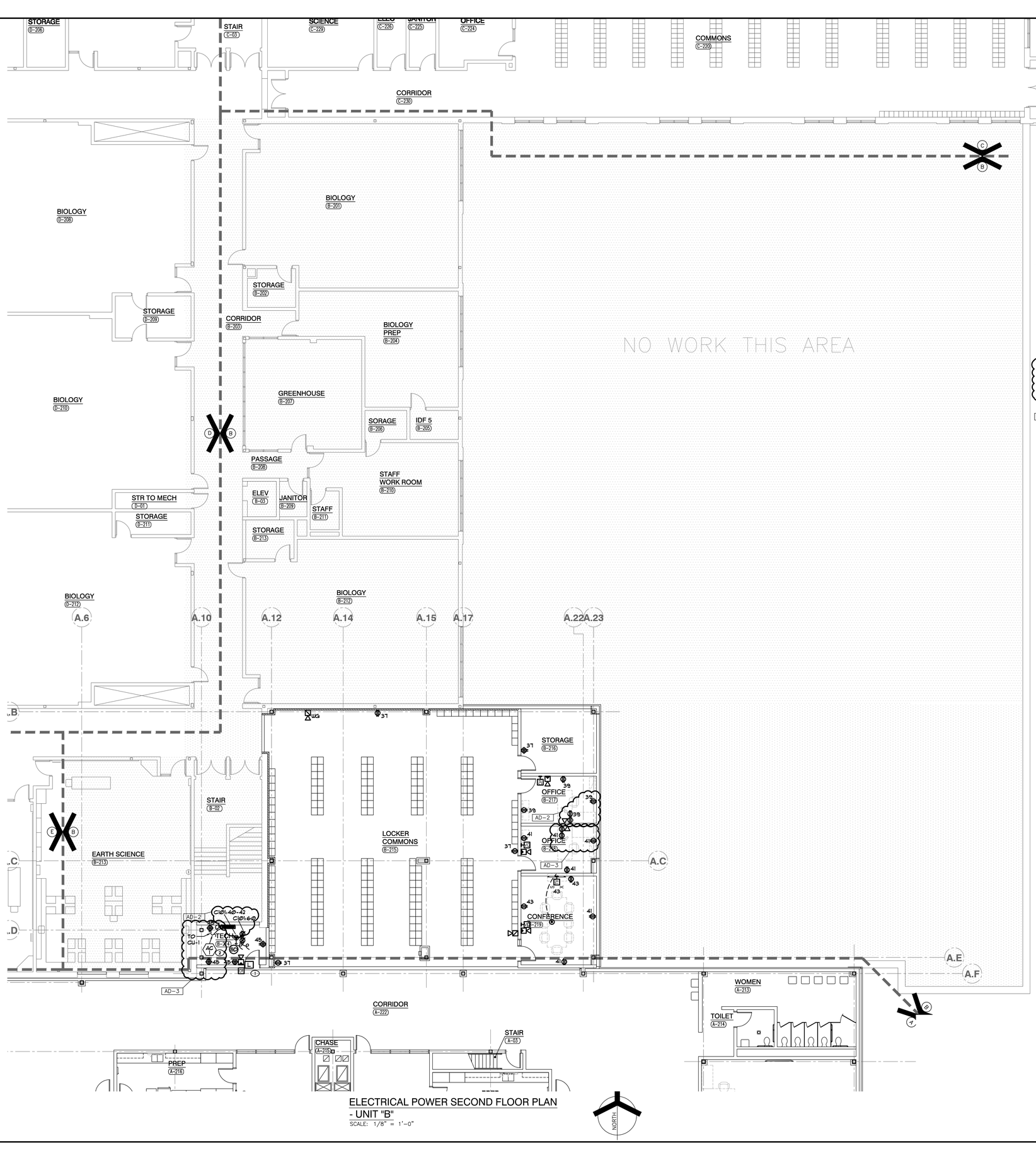

ELECTRICAL POWER SECOND FLOOR PLAN
- UNIT "B"

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL LA2Ø UNLESS OTHERWISE NOTED.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. PROVIDE 12ØV CARD ACCESS POWER SUPPLY EMERGENCY CONNECTION TO NEAREST AVAILABLE 12Ø/2ØBV EMERGENCY POWER CIRCUIT (MAXIMUM 14ØØW PER 12ØV CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #2 & 1 #12 GRD. IN 3/4"C. TO ONE (1) 2Ø/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
2. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.

AD-3

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT
21-111
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10/11/21
COORDINATED BY
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DRAWN BY
EO/CC/JM
CHECKED BY
DJ

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DAVID G. JANNEY
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10302590
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AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER SECOND FLOOR PLAN - UNIT B

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
B
EP119

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. PROVIDE 120V SMOKE DAMPER EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #12, 1 #12 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIRMENTS IN FIELD, COMPLETE AS REQUIRED.

EX. FL2Ø
EX. SDC-HL2Ø
EX. XFMR TL2Ø
EX. TELL2Ø
EX. PANEL ELL2Ø

AD-3
ENTIRE SHEET REVISED IN THIS ADDENDUM

ELECTRICAL POWER SECOND FLOOR PLAN - UNIT "P"
SCALE: 1/8" = 1'-0"

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
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AD-3	11/04/21	ADDENDUM NO. 3

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ELECTRICAL POWER SECOND FLOOR PLAN - UNIT P

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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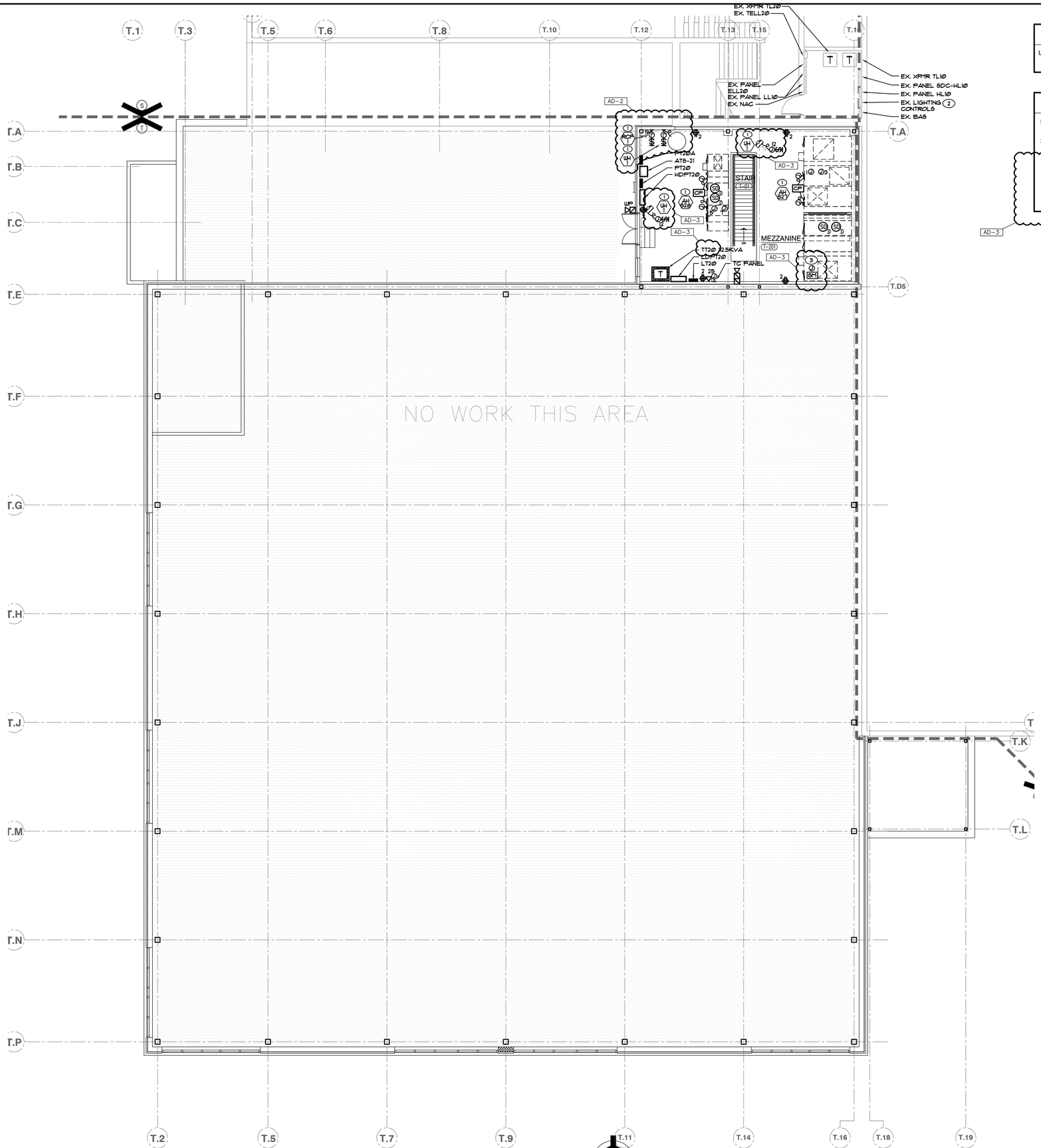

ELECTRICAL POWER SECOND FLOOR PLAN
- UNIT "T"
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL LT2Ø UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. PROVIDE NEW LIGHTING CONTACTOR AND INTERFACE TO BUILDING AUTOMATION SYSTEM AS REQUIRED FOR NEW SITE LIGHTING.
3. PROVIDE 120V SMOKE DAMPER EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #2 & 1 #2 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.

AD-3

KEY PLAN

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AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER SECOND FLOOR PLAN - UNIT T

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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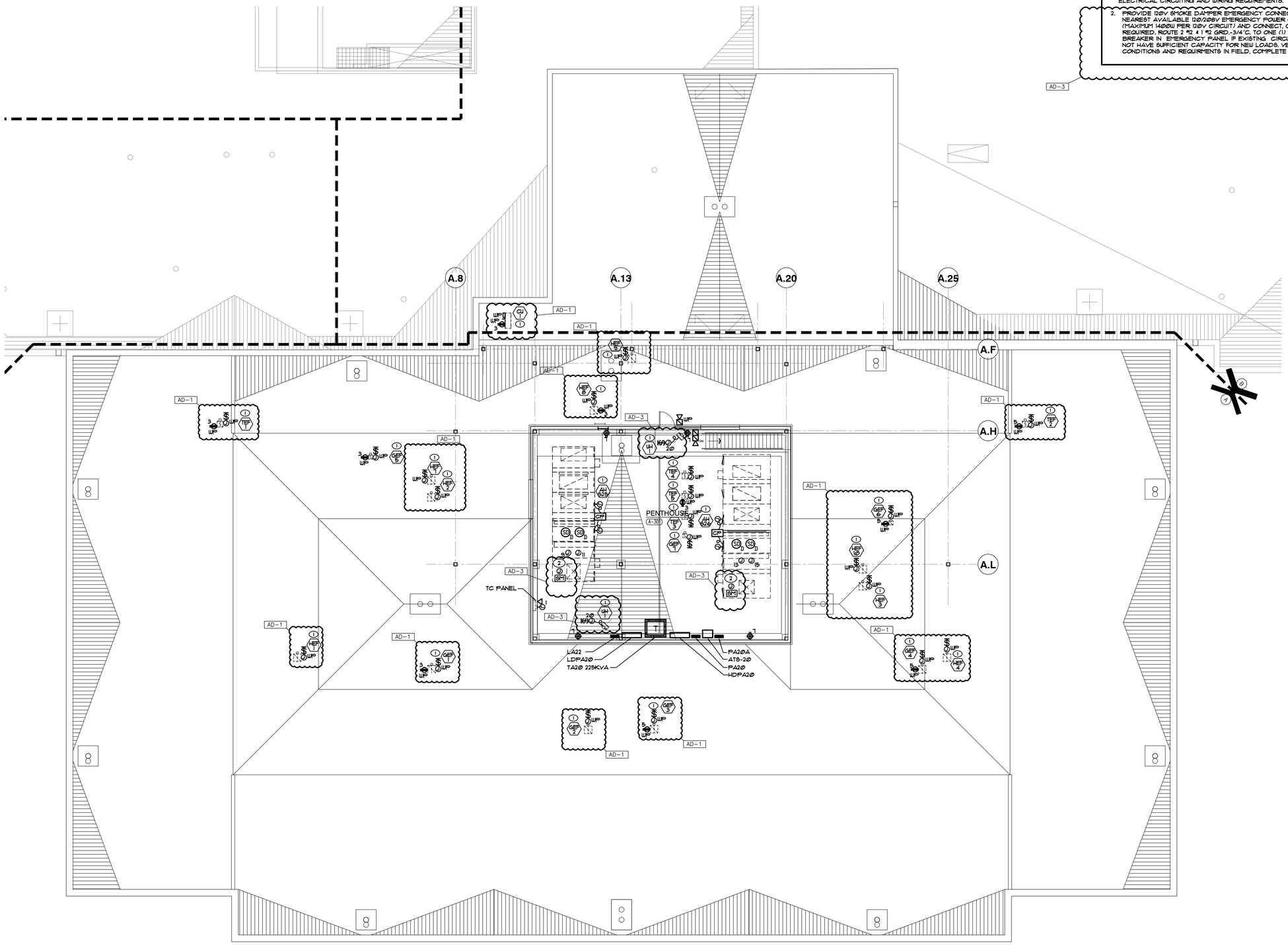
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL LT2Ø UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. PROVIDE 12V SMOKE DAMPER EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W) PER 12V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #2 & 1 #2 GRD-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.



ELECTRICAL POWER ROOF PLAN - UNIT "A"

SCALE: 1/8" = 1'-0"

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PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-111
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COORDINATED BY SM
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CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER
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MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER ROOF PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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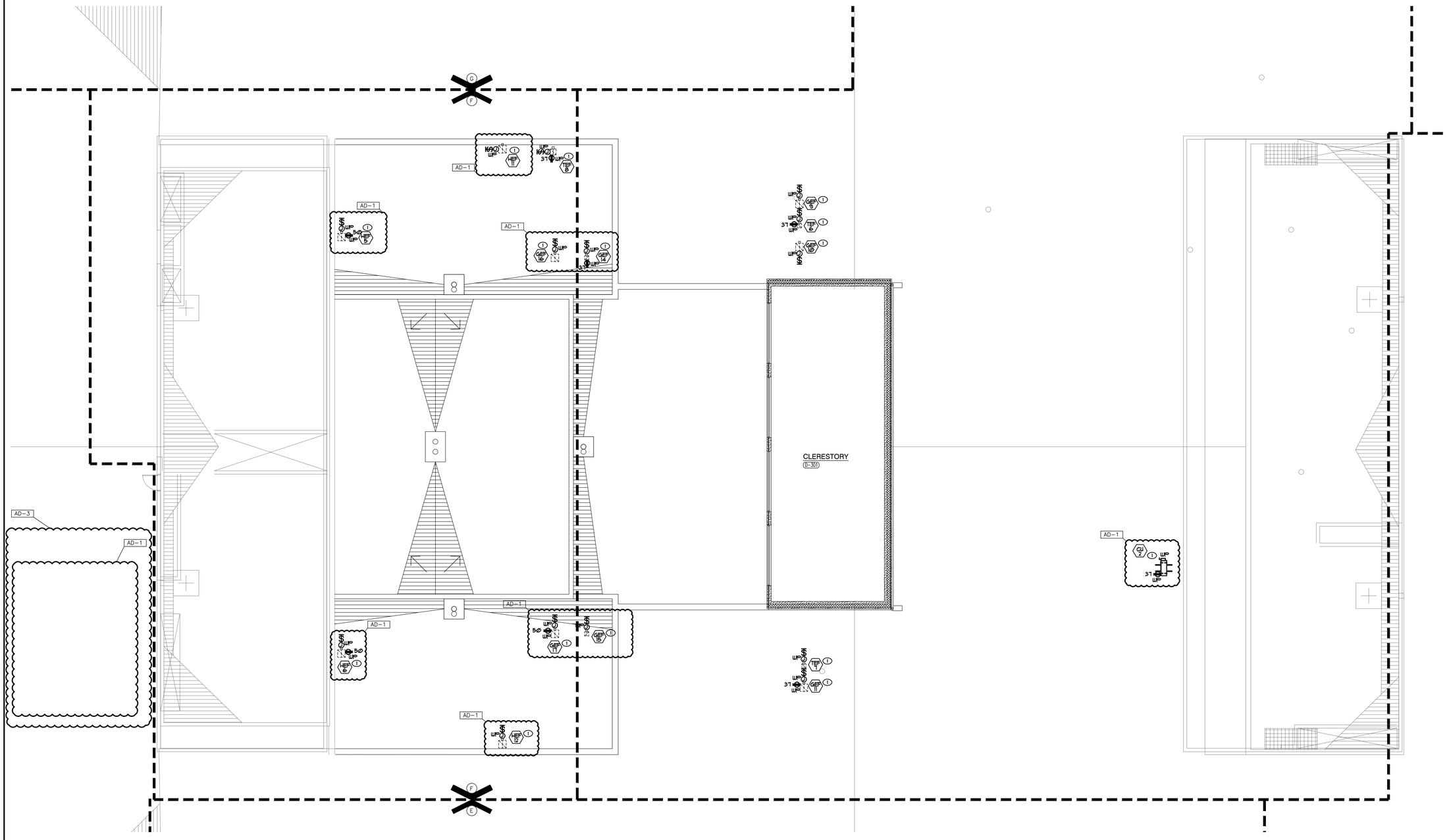
SHEET
A
EP136

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL LD21 UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.



ELECTRICAL POWER ROOF PLAN - UNITS "D", "F"
SCALE: 1/8" = 1'-0"

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
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CROWN POINT, INDIANA

KEY PLAN

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DRAWING
ELECTRICAL POWER ROOF PLAN - UNITS D, F

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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D, F

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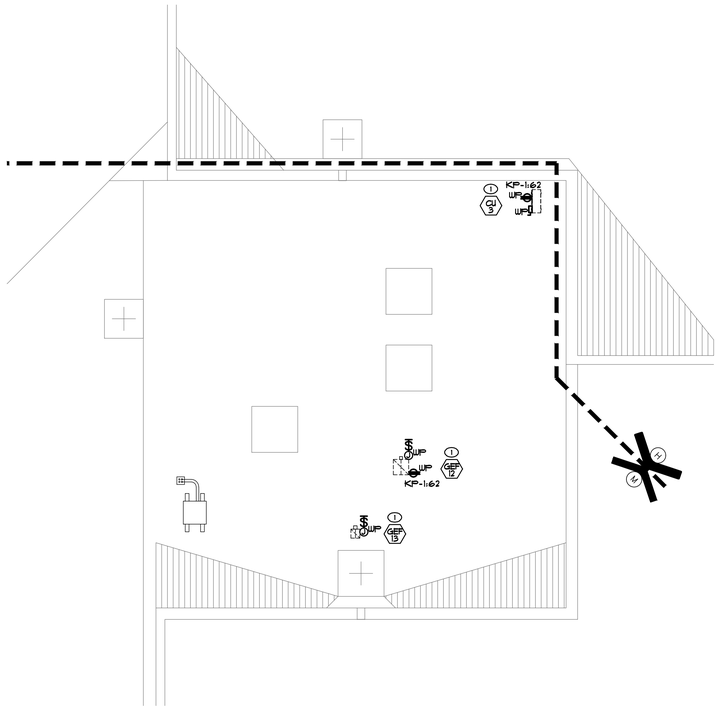
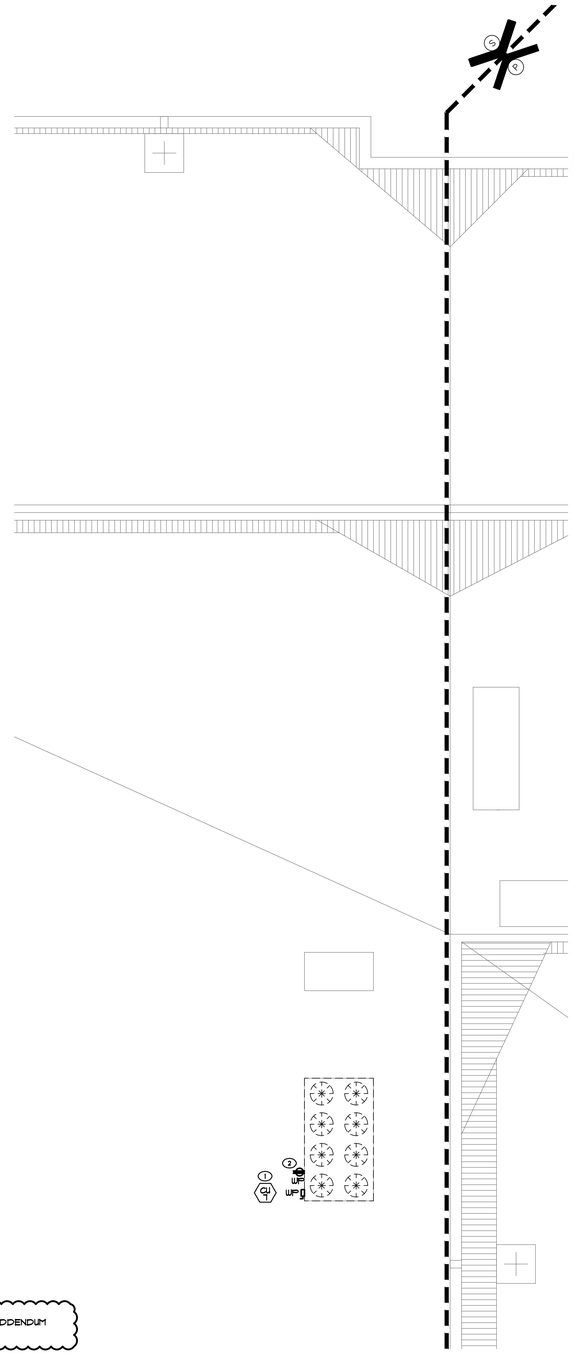
EP137



ELECTRICAL POWER ROOF PLAN - UNIT "M"
SCALE: 1/8" = 1'-0"



ELECTRICAL POWER ROOF PLAN - UNIT "S"
SCALE: 1/8" = 1'-0"

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. PROVIDE 120V CONNECTION TO EXISTING PANEL FL2D (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT, COMPLETE AS REQUIRED. ROUTE 2 #2 + 1 #6 GRD-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EXISTING PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIRMENTS IN FIELD, COMPLETE AS REQUIRED

AD-3
ENTIRE SHEET REVISED IN THIS ADDENDUM

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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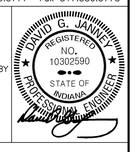

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DRAWING
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CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

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M,S

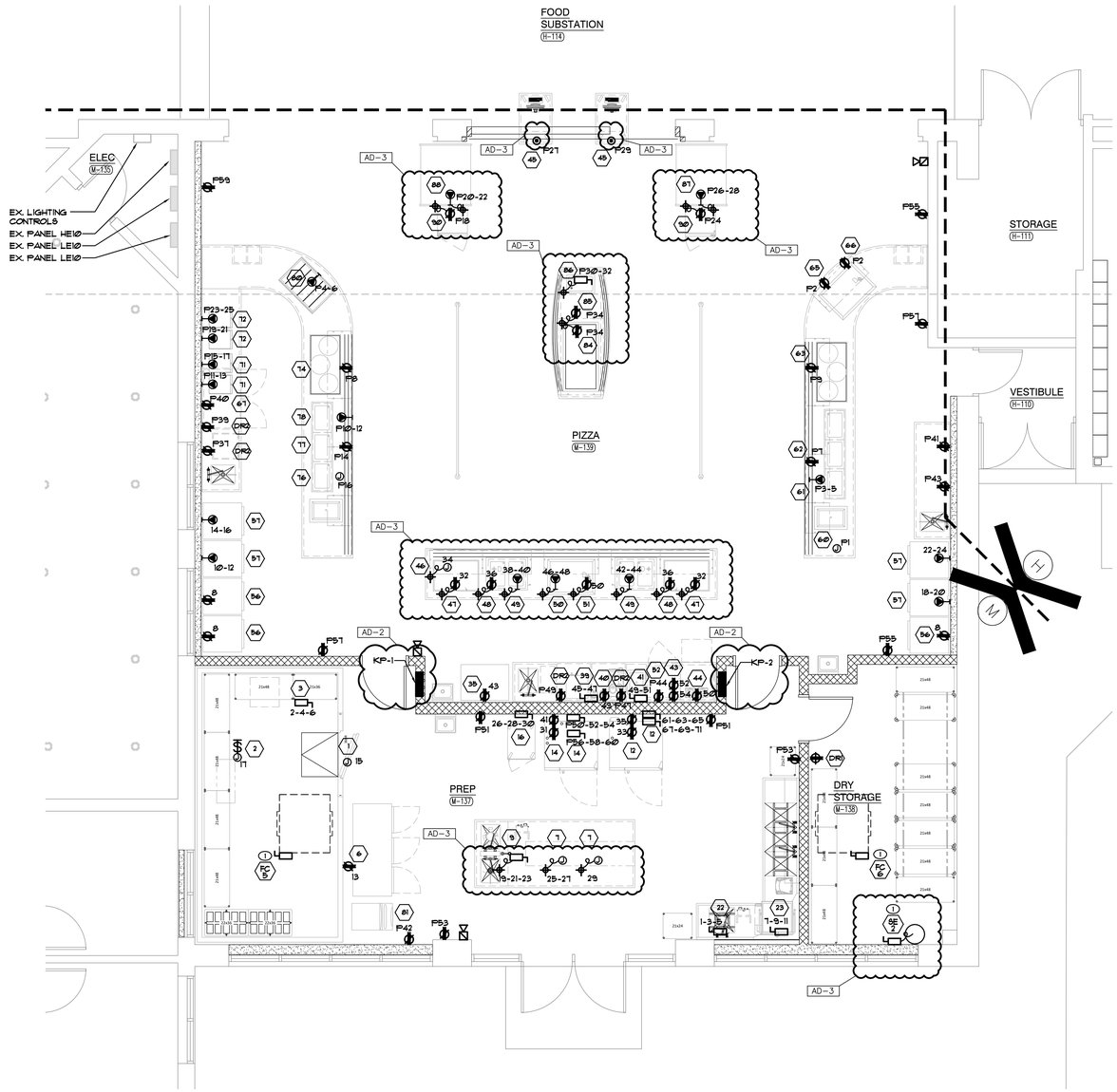
SHEET
EP140

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL KP-1 UNLESS OTHERWISE NOTED.
2. CIRCUIT ALL DEVICES WITH A 'P' PREFIX TO PANEL KP-2.
3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
4. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.
5. SPECIFIC AMP LOAD AND CONNECTIONS TO BE COORDINATED WITH FINAL EQUIPMENT SELECTIONS PROVIDED BY KEC DOCUMENTATION POST BID AWARD.
6. REFER TO KITCHEN EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
7. THE CONTRACTOR SHALL FULLY REVIEW THE KITCHEN DRAWINGS AS PART OF THE CONTRACT DOCUMENT REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE ALL POWER, FIRE ALARM CONNECTIONS, LOW VOLTAGE AND LOW VOLTAGE ROUGH-INS AS REQUIRED AND AS SHOWN ON THE KITCHEN DRAWINGS FOR A COMPLETE AND PROPER INSTALLATION OF ALL SYSTEMS. IN ADDITION, FINAL OVERCURRENT SIZES, FEEDER SIZES, DISCONNECT SWITCH REQUIREMENTS, THERMAL SWITCH REQUIREMENTS, JUNCTION BOX SIZES/TYPES AND CONNECTION TYPES SHALL BE VERIFIED PRIOR TO START OF ROUGH-IN. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, OTHER TRADES, FINAL EQUIPMENT SHOP DRAWINGS AND WITH KITCHEN DRAWINGS, COMPLETE AS REQUIRED.
8. CUT AND PATCH FLOOR AS REQUIRED TO CONCEAL CONDUIT AND CIRCUITRY. VERIFY EXACT FLOOR ROUTING AND REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.



ELECTRICAL POWER ENLARGED FIRST FLOOR PLAN - UNIT "M"

SCALE: 1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED DAVID G. JANICKI NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER ENLARGED FIRST FLOOR PLAN - UNIT M

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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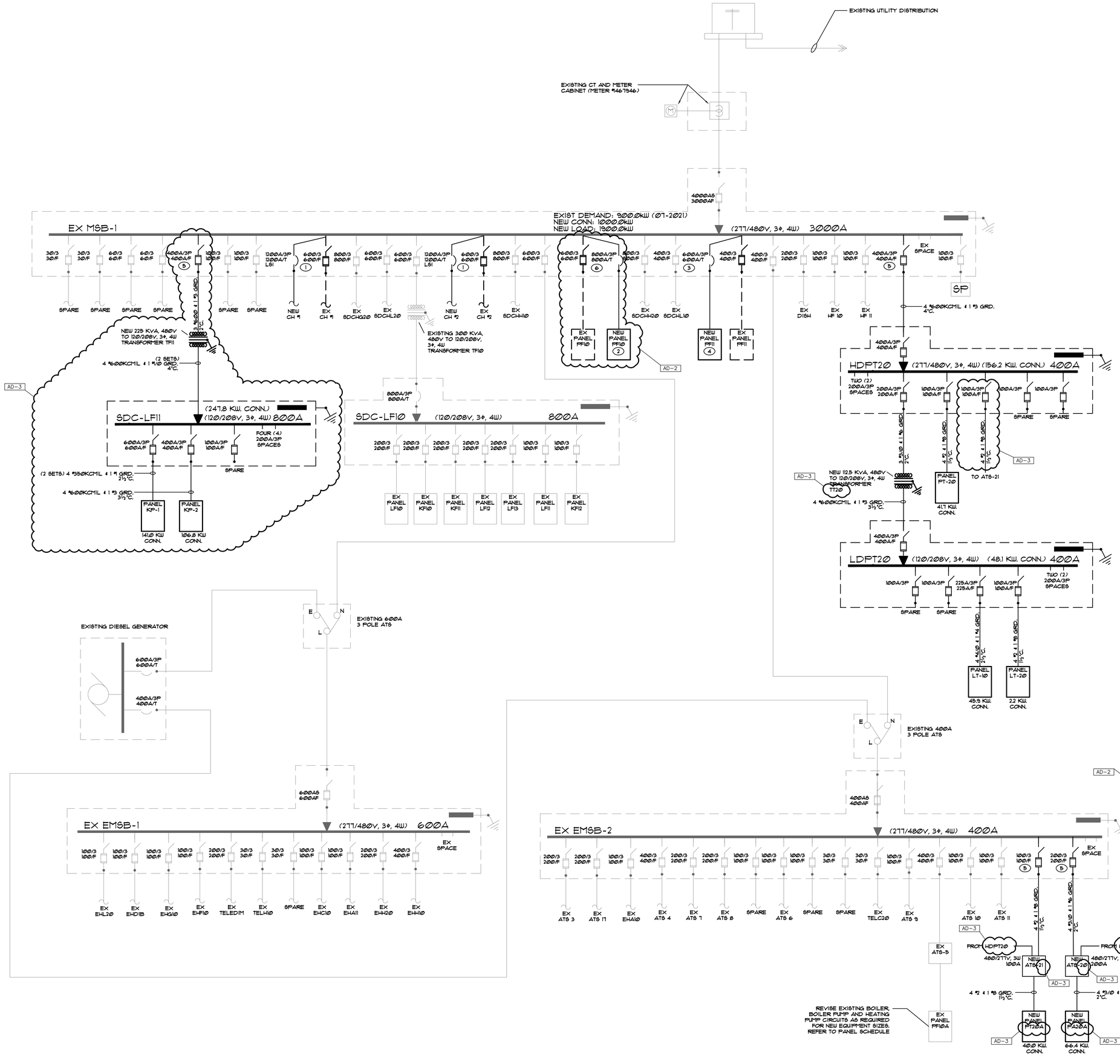
SHEET
M
E-401



GENERAL NOTES

1. PER SPECIFICATIONS PROVIDE AN ARC FLASH AND COORDINATION STUDY FOR NEW DISTRIBUTION EQUIPMENT. SUBMIT REPORT AND CERTIFIED TEST REPORTS AFTER INSTALLATION OF THE ELECTRICAL DISTRIBUTION SYSTEM. SUBMIT A PRELIMINARY COORDINATION STUDY WITH THE ELECTRICAL EQUIPMENT DURING SHOP DRAWINGS AND PRODUCT DATA SUBMISSION. SHOP DRAWINGS WILL BE REJECTED IF PRELIMINARY STUDY IS NOT INCLUDED.
2. CONDUCTOR SIZES SHOWN ARE BASED ON COPPER THHN IN METALLIC RACEWAYS EXCEPT WHERE UNDERGROUND. ALL CONDUCTORS SHOWN SHALL BE COPPER UNLESS OTHERWISE INDICATED.
3. EACH RACEWAY SHALL CONTAIN A CODE-SIZED EQUIPMENT GROUNDING CONDUCTOR.
4. VERIFY ACTUAL MECHANICAL EQUIPMENT POWER REQUIREMENTS WITH EQUIPMENT SUPPLIER. NOTIFY ENGINEER WITH DISCREPANCIES FROM DESIGN SHOWN ON THESE DOCUMENTS PRIOR TO ROUGH-IN.
5. PROVIDE 4" HOUSEKEEPING PAD FOR ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT.
6. PROVIDE SAFETY DISCONNECTS FOR MOTORS NOT LOCATED WITHIN SIGHT OF FEEDER BREAKER OR STARTER CAPABLE OF BEING LOCKED IN THE "OFF" POSITION.
7. DISCONNECT SWITCHES AND OTHER EQUIPMENT LOCATED OUTDOORS SHALL BE NEMA-3R RATED OR WEATHERPROOF TYPE UNLESS OTHERWISE NOTED.
8. PROVIDE RACEWAY SEALS FOR ALL RACEWAYS PENETRATING BUILDING EXTERIOR AND AIR HANDLER EQUIPMENT. SEALS ARE TO PREVENT AIR AND MOISTURE FROM TRAVELING INSIDE OR AROUND RACEWAY.
9. PROVIDE ALL REQUIRED UL924 TRANSFER DEVICES FOR SWITCHED EMERGENCY LIGHTING, AND ALL NECESSARY ACCESSORIES, COMPLETE AS REQUIRED.
10. CONTRACTOR SHALL PREPARE AND SUBMIT FOR THE OWNER'S REVIEW, STAGING SCHEDULE INDICATING ESTIMATED DOWN TIME, MEANS AND METHODS, ETC. FOR THE SWITCH OVER OF ALL EXISTING ELECTRICAL DISTRIBUTION TO THE NEW DISTRIBUTION PANEL. COORDINATE WITH OWNER FOR ALL SHUTDOWNS, REMOVAL, NEW WORK, ETC. CONTRACTOR SHALL INCLUDE IN THIS BID THE COST OF PROVIDING TEMPORARY ELECTRICAL TO THE ITEMS NOTED IN THE SEQUENCE OF WORK UNTIL THE NEW WORK IS FULLY COMPLETED.

SHEET NOTES

1. UPGRADE EXISTING CHILLER FEED. REMOVE EXISTING 600A/3P FUSED SWITCH. PROVIDE NEW CUSTOM 1200A/3P CIRCUIT BREAKER COMPATIBLE WITH EXISTING FUSED SWITCH OPENING. MODIFY EXISTING SWITCHBOARD ENCLOSURE AS REQUIRED TO ACCOMMODATE NEW CIRCUIT BREAKER. REFER TO EQUIPMENT CONNECTION SCHEDULE FOR FEEDER REQUIREMENTS. PROVIDE ALL ACCESSORIES AND COMPONENTS FOR A COMPLETE INSTALLATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. EXISTING DISTRIBUTION PANEL TO BE REPLACED IN KIND FOR NEW EQUIPMENT CONNECTIONS. DISCONNECT EXISTING TO REMAIN FEEDER AND BRANCH CIRCUITRY FOR RECONNECTION TO NEW DISTRIBUTION PANEL, INSTALL AND RECONNECT. REFER TO PANEL SCHEDULE FOR CIRCUITING INFORMATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS.
3. UPGRADE EXISTING DISTRIBUTION FEEDER. REMOVE EXISTING 400A/3P FUSED SWITCH. PROVIDE NEW CUSTOM 600A/3P CIRCUIT BREAKER COMPATIBLE WITH EXISTING FUSED SWITCH OPENING. MODIFY EXISTING SWITCHBOARD ENCLOSURE AS REQUIRED TO ACCOMMODATE NEW CIRCUIT BREAKER. REFER TO PANEL SCHEDULE FOR FEEDER SIZING. PROVIDE ALL ACCESSORIES AND COMPONENTS FOR A COMPLETE INSTALLATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
4. EXISTING DISTRIBUTION PANEL TO BE UPGRADED FOR NEW EQUIPMENT CONNECTIONS. DISCONNECT EXISTING TO REMAIN BRANCH CIRCUITRY FOR RECONNECTION TO NEW DISTRIBUTION PANEL, INSTALL NEW FEEDER AND PANEL AND RECONNECT. REFER TO PANEL SCHEDULE FOR CIRCUITING INFORMATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS.
5. PROVIDE NEW FUSED SWITCH IN AVAILABLE SPACE IN EXISTING SWITCHBOARD. FUSED SWITCH SHALL MATCH THE MAKE AND MANUFACTURER OF EXISTING SWITCHBOARD.
6. UPGRADE EXISTING DISTRIBUTION FEEDER. REMOVE EXISTING 600A/3P FUSED SWITCH. PROVIDE NEW CUSTOM 800A/3P CIRCUIT BREAKER COMPATIBLE WITH EXISTING FUSED SWITCH OPENING. MODIFY EXISTING SWITCHBOARD ENCLOSURE AS REQUIRED TO ACCOMMODATE NEW CIRCUIT BREAKER. REFER TO PANEL SCHEDULE FOR FEEDER SIZING. PROVIDE ALL ACCESSORIES AND COMPONENTS FOR A COMPLETE INSTALLATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD. (AD-2)

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CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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MARK	DATE	ISSUED FOR
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL ONE-LINE DIAGRAM

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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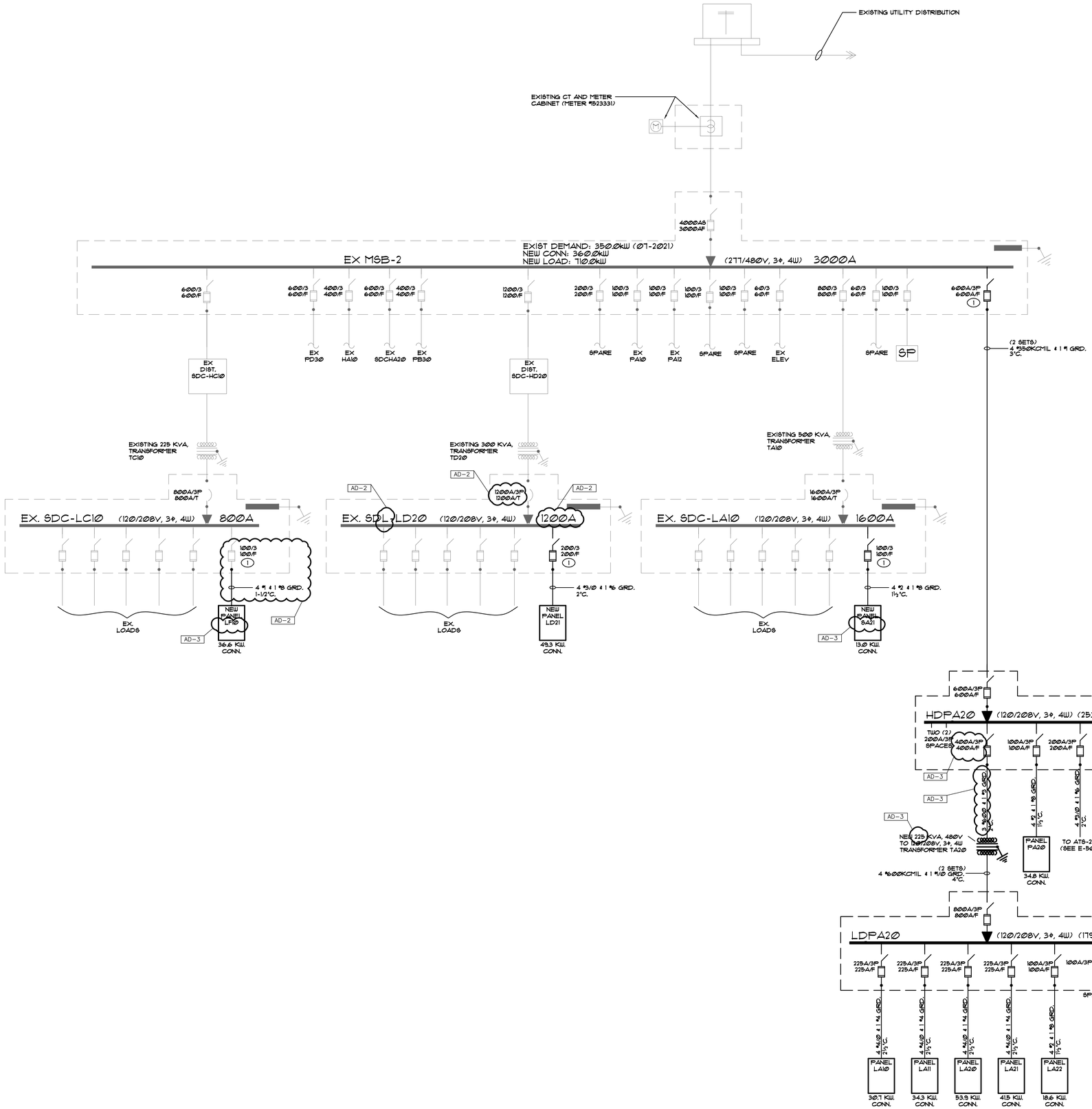
SHEET
E-501



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REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNETT NO. 10302590 STATE OF INDIANA

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AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL ONE-LINE DIAGRAM

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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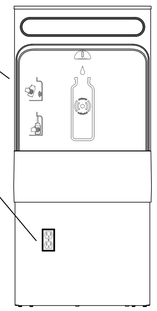
SHEET
E-502

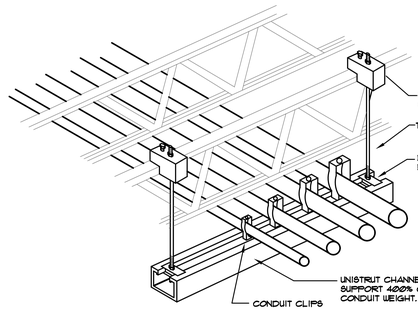
BOTTLE FILLER WIRING DETAIL

(NTS.)

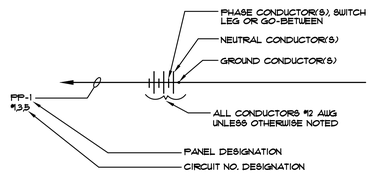
RECEPTACLE CIRCUIT SHALL BE PROVIDED WITH GFI CIRCUIT BREAKER AS REQUIRED BY CODE



2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



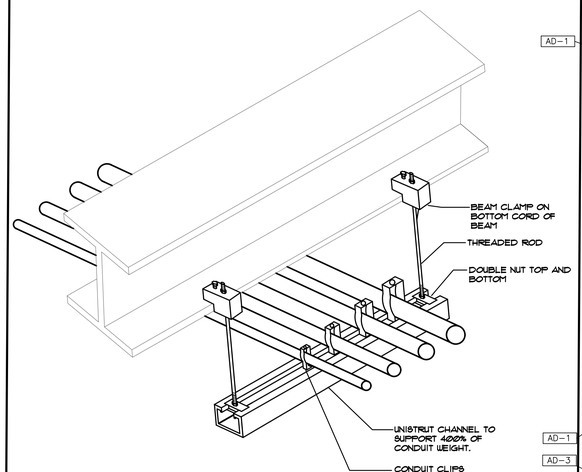
KEY TO ELECTRICAL CIRCUIT WIRING



NOTES:

1. ALL WIRING SHALL BE #12 AWG, UNLESS OTHERWISE NOTED.
2. MINIMUM CONDUIT SIZE SHALL BE ¾" EXCEPT FOR THREE (3) WIRES OR LESS, OR CONTROL WIRING WITHIN BUILDINGS, WHICH MAY BE ½" CONDUIT.
3. ½" FLEXSTEEL, GREENFIELD OR SEALITE SHALL BE THE MINIMUM SIZE INSTALLED.

2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



INTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION (AD-2)	MANUFACTURER SERIES OR EQUAL (AD-3)	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT4-40L-ADP-EZI-LP840 METALUX #CRUZE SERIES COLUMBIA #LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - - -
AA1		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT4-48L-ADP-EZI-LP840 METALUX #CRUZE SERIES COLUMBIA #LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - - -
AA2		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT4-60L-ADP-EZI-LP840 METALUX #CRUZE SERIES COLUMBIA #LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	- - - -
AA3		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT4-48L-ADP-EZI-LP850 METALUX #CRUZE SERIES COLUMBIA #LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 5000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - - -
AB		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT2-40L-ADP-EZI-LP840 METALUX #CRUZE SERIES COLUMBIA #LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI 85 MIN 4000 LM	RECESSED LAY-IN	- - - -
AB1		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT2-40L-ADP-EZI-LP840 METALUX #CRUZE SERIES COLUMBIA #LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI 85 MIN 4000 LM	RECESSED LAY-IN	- - - -
AC		2' X 4' LED LENSED DIRECT/INDIRECT TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA #2AT4ARSXRIBIABINV-MVOLT-SCD LP840-ABC COLUMBIA #LJT24-40ZXLG-FSAIBINV-ED1-U-G3 METALUX #24GR SERIES	120/277 VOLT BI-LEVEL SWITCHING -	LED 4000K CRI 85 MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING - -
AD		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT4-40L-ADP-EZI-LP840 METALUX #CRUZE SERIES COLUMBIA #LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 38 W MIN 4000 LM	RECESSED LAY-IN	- - - -
CA		6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA #LDNG-40-15-LO6-AR-LSS-MVOLT -EZ10-XX LITEISTRY #LTR-6RD-H-SL-IBL-DM01 / LTR-6RD-T-SL-40K-8-HTD-SS-WT-B24 PORTFOLIO #LD6B SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 18 W MIN 1500 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
CB		4" DIAMETER LED SHOUER DOUNLIGHT	GOTHAM #EVO4SH-40/10-DFF-SMO-MVOLT-EZ10 LITEISTRY #LTR-4RD-H-SL-IOL-DM01 / LTR-4RD-T-SL-40K-8-NR-SS-WT-B24 OR APPROVED EQUAL	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 9 W MIN 1000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT -WET LOCATION
FA		LED 4' WIDE CONTINUOUS LINEAR SLOT FIXTURE	MARK #SL4L LOP XFT FLP TG 80CRI 40K 800LMF MINI MVOLT NULITE #SL4-099-L40-UNV-D0-XX-FR-F-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 800LM/FT MAX 8W/FT	RECESSED LAY-IN/ DRYWALL	-PROVIDE LENGTHS AS SHOUN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT -COORDINATE EMERGENCY CIRCUITS AND SWITCHING WITH PLANS
FB		LINEAR LED FIXTURE FOR DISPLAY CASE WITH 45 DEGREE EXTRUSION AND CONTINUOUS LENGTHS AS SHOUN	OPTIC ARTS #LLT2-HO-41K-X-X-X-X-X G-TRAN #SW24-SD-DRY-40K / VEVE-FR OR APPROVED EQUAL PROVIDE WITH POWER SUPPLIES AND ALL ACCESSORIES AS REQUIRED	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 48W/FT MIN 440 LM/FT	SURFACE	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASEWORK
FA		4', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAIN	LITHONIA #CLX-L48-10000LM-SEF-FDL-MVOLT -GZ10-40K-80CRI-XX-XX COLUMBIA #IPF6-4-40VL-F-W-ED1 / MP8WG4 / CH48GCF3-KIT METALUX #ONLED SERIES	120/277 VOLT 0-10V DIM -	LED 4000K MAX 48W MIN 7000 LM	"I" CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
FB		LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA #BG-24L-SEF-AFL-GND-MVOLT-GZ10-40K-80CRI-WGX-XX-XX COLUMBIA #FEL4-40PH-FA-ED-U-WG / FELSFMS METALUX #OHB SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI 85 MIN 24000 LM	CABLE MTD 6' ABOVE BOTTOM OF STRUCTURE	-PROVIDE WIREGUARD AND SAFETY CABLE - -
FC		LED 4' WIDE CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE	MARK #4LID-XFT-M8LX-80CRI-40K-400LMF 180CRI-140K-11000LMF-MINI-8CT-MVOLT-WHT FI/36A-RDCY-WHTCY-WCRD NULITE #RF44-B-03/10-L40-U-D-XX-FRF-WH-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 1200LM/FT MAX 12W/FT	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOUN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT - -
FD		LED TRACK LIGHTING WITH THREE (3) RGBW HEADS AND 8'-0" TRACK LENGTH	LIGHTING SERVICES INC #LX-LX-2GD-HBD-LX2044-L19-10-90-CO-M8-CTI-DX-120-W BRUCK LIGHTING #LX-35-RGBW-10-LM-90-60D-120-CA8Z-ECO-WH	120 VOLT DMX -	LED RGBW 22W	SUSPENDED TRACK - -	-PROVIDE HANGING ROD SUPPORT FOR TRACK -PROVIDE ALL TRACK ACCESSORIES AS REQ.
FE		LED 4' WIDE CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE - CONFERENCE ROOMS	MARK #4LID XFT M8LX 80CRI 40K 1400LMF 180CRI 140K 14000LMF MINI 8CT MVOLT WHT FI/36A RDCY WHTCY WCRD NULITE #RF44-B-03/10-L40-U-D-XX-FRF-WH-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 800LM/FT MAX 15W/FT	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOUN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT - -
FF		LED 4' WIDE CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE - CLERESTORY	MARK #4LID XFT M8Lx 80CRI 40K 400LMF 180CRI 140K 11000LMF MINI 8CT MVOLT WHT FI/36A RDCY WHTCY WCRD NULITE #RF44-B-03/10-L40-U-D-XX-FRF-WH-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000K MIN1000LM/FT MAX 50W	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOUN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT - -
FG		SUSPENDED LED CYLINDER PENDANT	V16A #CPI542-L40-HI-MVOLT-XX-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000K MIN 1100LMT MAX 16W	SUSPENDED VERIFY W/ ARCHITECT -	-VERIFY FINISH WITH ARCHITECT - -
WA		NURSE REST AREA DIRECT/INDIRECT LED WALL LIGHT	AXIS LIGHTING #TB4WD/LED-500-500-80-40-80-80-3-X-W-UNV-DP NULITE #RWL4-4-B-85DN/85UP-L40-UNV-D-XX -FRF-XX-XX LUMENWERX #V144WD1-HKO-FH-CLO-LED-80-500-500-40 -X-UNV-D1-1-DMB-X	277 VOLT - - -	LED 4000K 50W -	WALL MTD AT HEIGHT INDICATED ON ARCH ELEV	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT
WB		4' LED WRAPAROUND FIXTURE	LITHONIA #FWL4W-48-5000LM-835-ZT-MVOLT COLUMBIA #CRWL4-L8CS METALUX #NLW40400C	277 VOLT - - -	LED 4000K MAX 54 W MIN 5000LM	WALL MTD	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT
XA		~~ANSI EGRESS EXIT, RED~~ LETTERING, BLACK FINISH, AC ONLY	~~DUAL-LITE #SE-D-R-B~~ LITHONIA #LE-S-X-1-R-ELN-X OR APPROVED EQUAL BY SURE-LITE8	120 VOLT - - -	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XB		DUAL FACE EXIT, RED LETTERING, BLACK FINISH, AC ONLY	DUAL-LITE #SE-D-R-B LITHONIA #LE-S-2-R OR APPROVED EQUAL BY SURE-LITE8	120 VOLT - - -	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XC		EXTERIOR TWIN HEAD EMERGENCY LIGHT	LITHONIA #ELM2W-SP6-40L-XX-T OR APPROVED EQUAL	120 VOLT - - -	LED MAX 7W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT
EM		FIXTURE ON EMERGENCY LIFE SAFETY GENERATOR CIRCUIT WITH UL924 BYPASSES AS REQUIRED	-	120/277 VOLT	-	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATOR
NL		CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE					

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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES, DETAILS AND DIAGRAMS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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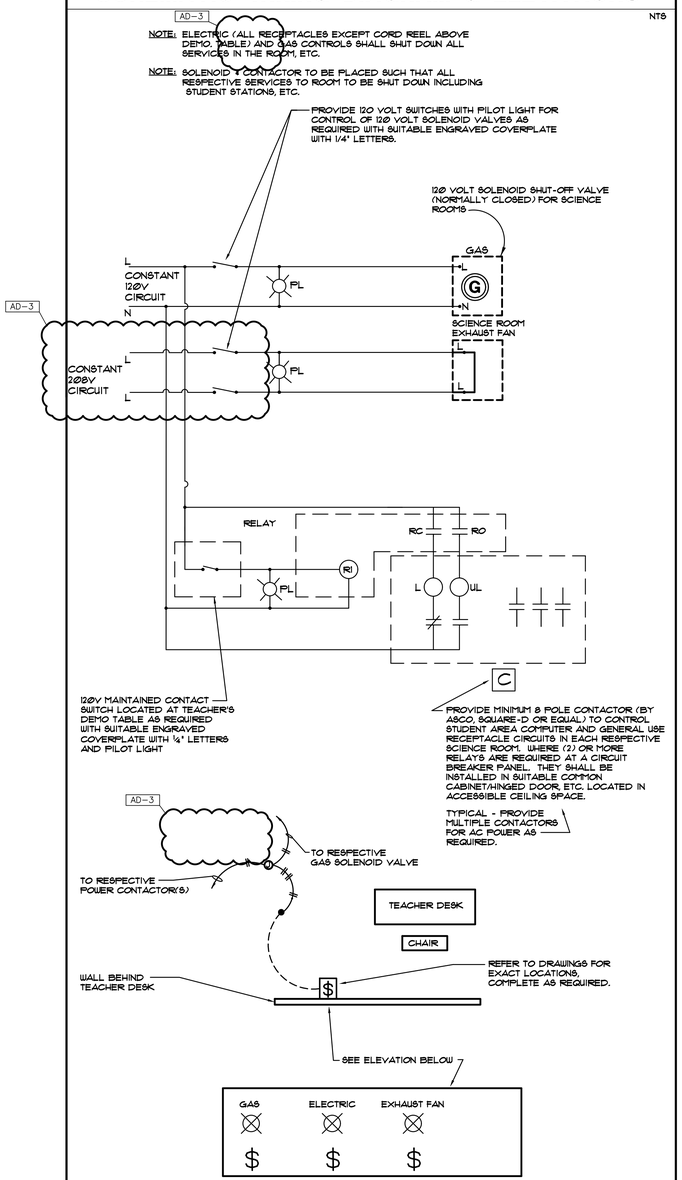
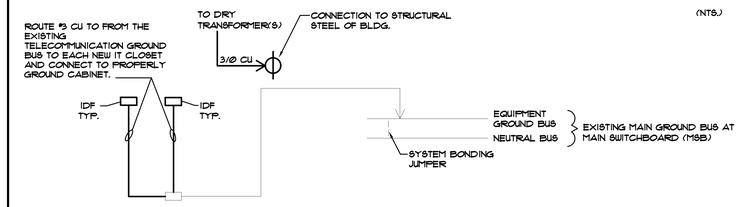
SHEET
E-504

TYPICAL SCIENCE ROOM SHUT-OFF SCHEMATIC WIRING DIAGRAM & ELEVATIONS



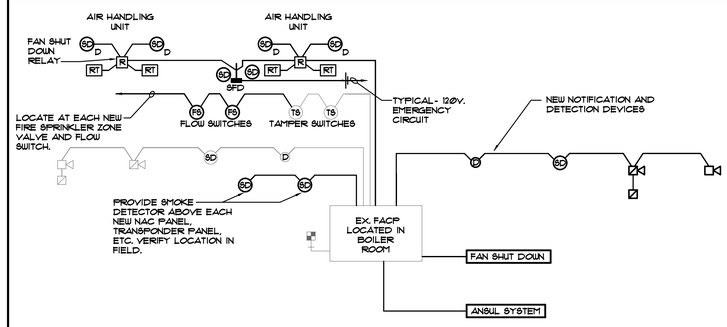
GROUNDING DETAIL



NOTES:

1. CONTRACTOR SHALL FOLLOW THIS DETAIL FOR PROPER GROUNDING CONNECTIONS, INCLUDING FURNISH AND INSTALL ALL CONDUCTORS AND EQUIPMENT SUCH AS GROUND RODS, SURGE ARRESTOR, GROUND BUS, ETC. TO PROPERLY GROUND/BOND ALL EQUIPMENT.
2. SYSTEM GROUNDING FOR INTERIOR DISTRIBUTION TRANSFORMERS SHALL BE MADE TO A GROUNDING ELECTRODE AS NEAR AS PRACTICAL TO, AND PREFERABLY IN THE SAME AREA AS, THE TRANSFORMER. THE ELECTRODE SHALL BE THE NEAREST OF A METAL WATER PIPE GROUNDING ELECTRODE OR STRUCTURAL METAL GROUNDING ELECTRODE.
3. GROUNDING ELECTRODE RESISTANCE SHALL BE 25 OHMS OR LESS. SHOULD THE MEASURED RESISTANCE BE HIGHER THAN 25 OHMS, ADDITIONAL SUPPLEMENTAL ELECTRODES SHALL BE PROVIDED AS REQUIRED TO REACH A RESISTANCE TO EARTH OF 25 OHMS OR LESS.
4. IN ADDITION TO THE ABOVE DEPICTED CONNECTIONS, CONTRACTOR SHALL PROVIDE ALL GROUND RODS, GROUND GRIDS, AND OTHER GROUNDING ELECTRODES AS REQUIRED BY THE UTILITY COMPANY AND MAKE CONNECTIONS TO UTILITY EQUIPMENT PER UTILITY COMPANY STANDARDS.

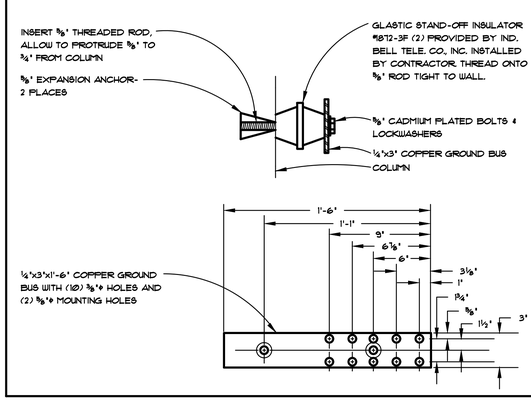
FIRE ALARM SCHEMATIC RISER DIAGRAM



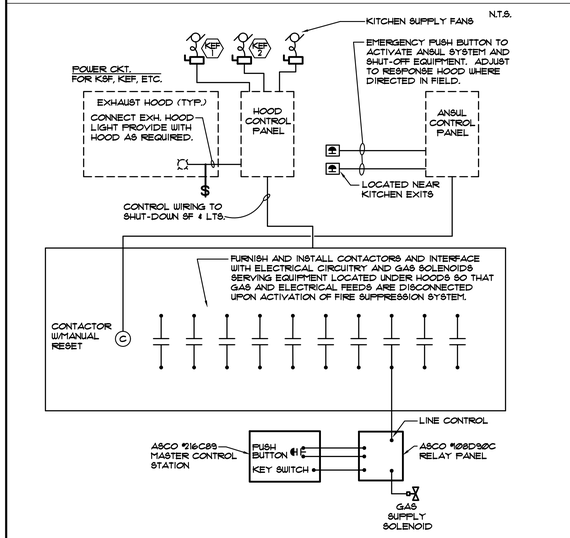
NOTES:

1. THIS DIAGRAM IS SCHEMATIC ONLY AND DOES NOT SHOW ALL FIRE ALARM DEVICES, AIR HANDLING UNITS, ROOF-TOP UNITS OR FIRE PROTECTION DEVICES - REFER TO ALL PLANS AND SPECIFICATIONS FOR QUANTITIES, LOCATION, ACCEPTABLE MANUFACTURERS, ETC.
2. ELECTRICAL CONTRACTOR SHALL FURNISH DUCT SMOKE DETECTORS. MECHANICAL CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTOR AND ELECTRICAL CONTRACTOR SHALL MAKE FINAL WIRING CONNECTIONS AS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES OF DUCT SMOKE DETECTORS.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE INTERLOCKING BETWEEN DUCT SMOKE DETECTORS, FIRE ALARM CONTROL PANEL, AIR HANDLING UNITS, ROOF-TOP UNITS, ANSUL SYSTEM AND FAN SHUT DOWN RELAYS SO THAT UPON ACTIVATION OF FIRE ALARM SYSTEM, ALL AIR HANDLING EQUIPMENT AND SMOKE/FIRE DAMPER SHALL SHUT DOWN. ALL AIR HANDLING EQUIPMENT SHALL START AUTOMATICALLY (AND SEQUENTIALLY) UPON RESETTING OF THE FIRE ALARM SYSTEM.
4. ELECTRICAL CONTRACTOR SHALL CONNECT SMOKE/FIRE DAMPERS THROUGHOUT FACILITY TO CLOSE DAMPERS UPON ACTIVATION/ALARM OF SMOKE DUCT DETECTOR MOUNTED IN DUCT AHEAD OF RESPECTIVE DAMPER OR LOCAL SMOKE DETECTORS, COMPLETE AS REQUIRED. VERIFY LOCATION AND QUANTITIES ON MECHANICAL AND ARCHITECTURAL PLANS AND IN FIELD. INTERLOCK SMOKE DUCT DETECTORS AND DAMPERS WITH FIRE ALARM CONTROL PANEL, COMPLETE AS REQUIRED.
5. PROVIDE ADDITIONAL PARTS, ACCESSORIES, CARDS, ETC. AS REQUIRED TO COMPLETE THE WORK. FIRE ALARM DEVICES SHALL BE CONNECTED TO THE FIRE ALARM POWER SUPPLY AND BATTERIES OF THE SYSTEM AND SHALL NOT BE CONNECTED TO NORMAL POWER.

GROUNDING BUS BAR DETAIL



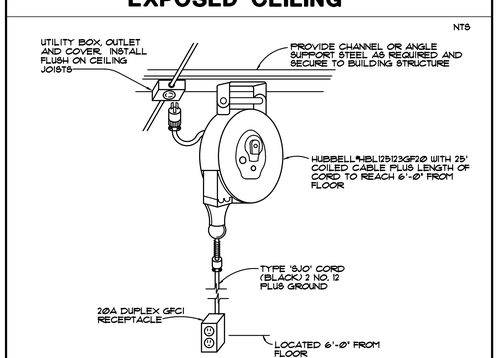
KITCHEN EXHAUST HOOD SHUTDOWN SCHEMATIC



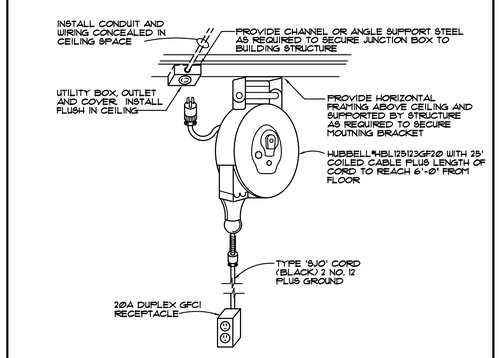
1. ALL ELECTRICAL POWER TO EQUIPMENT AND LIGHTS (ALSO NATURAL GAS SUPPLY) UNDER EXHAUST HOOD TO BE AUTOMATICALLY DISCONNECTED WHEN HOOD SUPPRESSION SYSTEM IS ACTIVATED.
2. ------ FURNISHED BY OTHERS
   ——— FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR
3. CONNECT ANSUL SYSTEM TO THE FIRE ALARM SYSTEM TO MONITOR ALL ALARM CONDITIONS.

AD-3

ELECTRIC CORD REEL DETAIL EXPOSED CEILING



ELECTRIC CORD REEL DETAIL



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DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

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AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL DIAGRAMS & DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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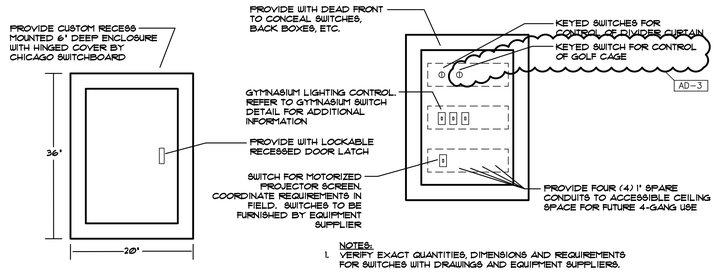
SHEET
E-505

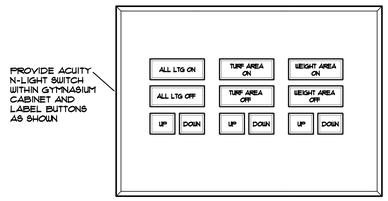
TURF ROOM CONTROL CABINET DETAIL



NOTES:

1. VERIFY EXACT QUANTITIES, DIMENSIONS AND REQUIREMENTS FOR SWITCHES WITH DRAWINGS AND EQUIPMENT SUPPLIERS.
2. PROVIDE PERMANENT ENGRAVED LABELS FOR SWITCHES.
3. ROUTE CONTROL CABLING FROM EACH SWITCH TO THE DEVICE CONTROLLED. COORDINATE REQUIREMENTS IN FIELD WITH THE EQUIPMENT SUPPLIER.

TURF ROOM SWITCH DETAIL AND SEQUENCE OF OPERATIONS



A. ALL LTG ON: TURNS ALL LIGHTING (SWITCH LEGS 'q' AND 'p') TO FULL LEVEL. ALLOWS DIMMABLE LIGHTING TO BE SELECTED SO THAT LEVEL MAY BE ADJUSTED MANUALLY BY RAISE/LOWER BUTTON.

B. ALL LTG OFF: TURNS ALL LIGHTING IN THE SPACE OFF.

C. TURF AREA ON: TURNS TURF AREA LIGHTING (SWITCH LEG 'p') TO FULL LEVEL. ALLOWS DIMMABLE TURF AREA LIGHTING TO BE SELECTED SO THAT LEVEL MAY BE ADJUSTED MANUALLY BY RAISE/LOWER BUTTON.

D. TURF AREA OFF: TURNS TURF AREA LIGHTING (SWITCH LEG 'p') LIGHTING OFF.

E. WEIGHT AREA ON: TURNS WEIGHT AREA LIGHTING (SWITCH LEG 'q') TO FULL LEVEL. ALLOWS DIMMABLE WEIGHT AREA LIGHTING TO BE SELECTED SO THAT LEVEL MAY BE ADJUSTED MANUALLY BY RAISE/LOWER BUTTON.

F. WEIGHT AREA OFF: TURNS WEIGHT AREA LIGHTING (SWITCH LEG 'q') LIGHTING OFF.

NOTES:

1. PRESSING 'ON' WILL TURN ON ALL LIGHTING REGARDLESS OF OCCUPANCY. IF NO OCCUPANCY IS DETECTED WITHIN 15 MINUTES, THE LIGHTING IN THE UNOCCUPIED AREA SHALL SHUT OFF. IF OCCUPANCY IS DETECTED AND THE SWITCH IS IN THE 'ON' STATE, THE LIGHTING SHALL IMMEDIATELY TURN ON ('AUTOMATIC ON OPERATION').
2. PROVIDE ACCESSORIES, INTERFACES AND PROGRAMMING TO ACCOMPLISH THE ABOVE SEQUENCE OF OPERATIONS.
3. NO FIXTURES ARE CONTROLLED BY THE OCCUPANCY SENSORS ONLY. FIXTURES IN SPACE SHALL BE CONTROLLED WITH BOTH A LIGHT SWITCH AND OCCUPANCY SENSORS.
4. SWITCHING ALL LIGHTING OFF WILL CAUSE FIXTURES TO TURN TO 10% DIMMING LEVEL FOR THREE MINUTES BEFORE TURNING COMPLETELY OFF.

LIGHTING CONTROL SYSTEM NOTES

1. UNLESS NOTED OTHERWISE, THE LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE SENSORSWITCH WIRED SYSTEM COMPLETE WITH OCCUPANCY SENSORS, POWER PACKS, EMERGENCY ACCESSORIES, ETC. SYSTEM TO BE PROVIDED WITH COMPONENTS AND ACCESSORIES AS REQUIRED TO PROVIDE FUNCTIONALITY PER THE CONTRACT DOCUMENTS.
2. LIGHTING CONTROL EQUIPMENT WILL BE CONSIDERED FROM THE FOLLOWING MANUFACTURERS: EATON CONTROLS, LEVITON OR HUBBELL CONTROLS. THE SUBMITTED LIGHTING CONTROL SYSTEM SHALL PROVIDE FULL LIGHTING CONTROL FUNCTIONALITY AS SPECIFIED.
3. BECAUSE OF DIFFERENCES BETWEEN MANUFACTURERS, DIAGRAMS SHOWN ARE DIAGRAMMATIC AND MAY NOT SHOW ALL PARTS AND ACCESSORIES REQUIRED. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH LIGHTING CONTROL MANUFACTURER AND CONTRACT DOCUMENTS. CONTRACTOR SHALL PROVIDE ALL PARTS AND ACCESSORIES REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM AS SHOWN ON CONTRACT DOCUMENTS. VERIFY ALL CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
4. NO EXTRAS SHALL BE ALLOWED AFTER BIDDING FOR NOT FULLY UNDERSTANDING THE SCOPE OF WORK INVOLVED OR TO FULLY ACCOMPLISH THE SWITCHING SCHEME SHOWN ON THE CONTRACT DOCUMENTS.
5. PROVIDE 12 HOURS OF FACTORY COMMISSIONING AND 6 HOURS FACTORY TRAINING FOR THE OWNER'S BUILDING STAFF.
6. UL924 BYPASS DEVICES SHALL BE PROVIDED FOR ALL FIXTURES WITH AN EMERGENCY SOURCE OF POWER THAT IS SWITCHED. THE UL924 BYPASS SHALL PROVIDE BYPASS FOR BOTH THE POWER AND CONTROL SIGNAL, COMPLETE AS REQUIRED.
7. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED. CABLING ROUTED IN CONCEALED AREAS SHALL BE ROUTED NEATLY EXPOSED WITHIN J-HOOKS. CABLING LOCATED IN EXPOSED CEILINGS SHALL BE CONCEALED IN NEATLY ROUTED CONDUIT. LOW VOLTAGE CABLING INSTALLATION SHALL FULLY MEET LOCAL CODE REQUIREMENTS.

TURF ROOM LIGHTING CONTROL SYSTEM

1. THE LIGHTING CONTROL SYSTEM SHALL BE A STANDALONE ACUITY NLIGHT SYSTEM COMPLETE WITH LOW VOLTAGE KEYPADS, SENSORS, ACCESSORIES, PROGRAMMING SOFTWARE, ETC. THE SYSTEM SHALL PROVIDE DIMMING CONTROL OF ALL MAIN GYMNASIUM AND AUX GYMNASIUM LIGHTING USING N-LIGHT COMPONENTS.
2. LIGHTING CONTROL EQUIPMENT WILL BE CONSIDERED FROM THE FOLLOWING MANUFACTURERS: HUBBELL CONTROLS, LEVITON OR CRESTRON. THE JUDGMENT OF WHAT IS ACCEPTED AS AN EQUAL SHALL BE AT THE SOLE DISCRETION OF THE REVIEWING ENGINEER. IF THE ENGINEER DEEMS THE PRODUCT SUBMITTED DURING THE SHOP DRAWING REVIEW AS NOT EQUAL TO THE SPECIFIED PRODUCT, THE SPECIFIED PRODUCT SHALL BE PROVIDED AT NO ADDITIONAL COST.
3. BECAUSE OF DIFFERENCES BETWEEN MANUFACTURERS, CONTRACT DOCUMENTS MAY NOT SHOW ALL PARTS AND ACCESSORIES REQUIRED. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH LIGHTING CONTROL MANUFACTURER AND CONTRACT DOCUMENTS. CONTRACTOR SHALL PROVIDE ALL PARTS AND ACCESSORIES REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM AS SHOWN ON CONTRACT DOCUMENTS. VERIFY ALL CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
4. NO EXTRAS SHALL BE ALLOWED AFTER BIDDING FOR NOT FULLY UNDERSTANDING THE SCOPE OF WORK INVOLVED OR TO FULLY ACCOMPLISH THE SWITCHING SCHEME SHOWN ON THE CONTRACT DOCUMENTS.
5. THE SYSTEM SHALL BE PROVIDED WITH 6 HOURS OF COMMISSIONING AND 2 HOURS TRAINING BY A FACTORY REPRESENTATIVE. THE USE OF AN AUTHORIZED SALES REPRESENTATIVE FOR THIS WORK IS ACCEPTABLE.
6. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED. CABLING ROUTED IN CONCEALED AREAS SHALL BE ROUTED NEATLY EXPOSED WITHIN J-HOOKS. CABLING LOCATED IN EXPOSED CEILINGS SHALL BE CONCEALED IN NEATLY ROUTED CONDUIT. LOW VOLTAGE CABLING INSTALLATION SHALL FULLY MEET LOCAL CODE REQUIREMENTS.
7. ACUITY SOFTWARE SHALL BE PROVIDED FOR THE OWNER'S COMPUTER TO ALLOW FOR REMOTE ADJUSTMENTS TO BE MADE TO THE LIGHTING CONTROL SYSTEM.
8. THE SWITCH ARRANGEMENT AND LABELING SHALL BE VERIFIED WITH OWNER PRIOR TO PROGRAMMING.
9. THE CONTROL SYSTEM SHALL BE PROVIDED WITH TWO (2) FUTURE FACTORY AUTHORIZED REP SITE VISITS TO CALIBRATE AND PROVIDE ADJUSTMENTS TO THE LIGHTING CONTROL FOLLOWING SUBSTANTIAL COMPLETION OF THE BUILDING.

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DRAWING
ELECTRICAL DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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E-507

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	C	MC.	EC.		
C-1	INTERIOR WATER COOLED CHILLER	562181	-	677	-	-	1200	480	3	MSB-1	-	1200A/3P	(3 SETS)1/2P4 #600MCM & 1 #3/0 GRD.	4"	X	-	-	-
C-2	INTERIOR WATER COOLED CHILLER	562181	-	677	-	-	1200	480	3	MSB-1	-	1200A/3P	(3 SETS)1/2P4 #600MCM & 1 #3/0 GRD.	4"	X	-	-	-
CT-1	COOLING TOWER	28234	25	-	-	-	-	480	3	PF10	1-3-5	80A/3P	4 #3 & 1 #8 GRD.	1 1/4"	X	-	-	-
CT-2	COOLING TOWER	28234	25	-	-	-	-	480	3	PF11	1-3-5	80A/3P	4 #3 & 1 #8 GRD.	1 1/4"	X	-	-	-
CFS-1	COOLING TOWER FLUSH SYSTEM	22421	20	-	-	-	-	480	3	PF10	7-9-11	70A/3P	4 #4 & 1 #8 GRD.	1 1/4"	X	-	-	-
B-1	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF10A	1-3-5	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-2	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF10A	7-9-11	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-3	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF10	19-21-23	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-4	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF10	25-27-29	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-5	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF11	13-15-17	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-6	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF11	19-21-23	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-7	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF11	25-27-29	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-8	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PF11	31-33-35	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
AH 8-25	INT CENTRAL STATION AIR HANDLING UNIT -	33216	-	-	40	-	90	480	3	PA20A	1-3-5	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
	HOT WATER HEATING / CHILLED WATER COOLING - VAV	17438	-	-	21	-	45	480	3	PA20	1-3-5	45A/3P	4 #6 & 1 #8 GRD	1"	X	-	-	-
AH 8-26	INT CENTRAL STATION AIR HANDLING UNIT -	33216	-	-	40	-	90	480	3	PA20A	2-4-6	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
	HOT WATER HEATING / CHILLED WATER COOLING - VAV	17438	-	-	21	-	45	480	3	PA20	2-4-6	45A/3P	4 #6 & 1 #8 GRD	1"	X	-	-	-
AH 8-27	INT CENTRAL STATION AIR HANDLING UNIT -	33216	-	-	40	-	90	480	3	PT20A	2-4-6	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
	HOT WATER HEATING / CHILLED WATER COLING - SZVAV	17438	-	-	21	-	45	480	3	PT20	2-4-6	45A/3P	4 #6 & 1 #8 GRD	1"	X	-	-	-
	INT CENTRAL STATION AIR HANDLING UNIT -	7349	-	-	9	-	15	480	3	PT20	8-10-12	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
AH 8-28	HOT WATER HEATING	6809	-	-	8	-	15	480	3	PT20A	1-3-5	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
AD-3	WITH ENERGY RECOVERY - CAV	548	-	-	1	-	15	480	3	PT20	1-3-5	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
PD-1	POOL DEHUMIDIFICATION UNIT - DX COOLING / HW HEAT	196722	-	237	-	-	250	480	3	SDC-HL20	-	250A/3P	4 #250MCM & 1 #4 GRD.	3"	X	-	-	CIRCUIT BREAKER IS EXISTING
CU-7	CONDENSING UNIT	12456	-	15	-	-	20	480	3	EX. FL20	-	30A/3P	4 #10 & 1 #10 GRD.	3/4"	X	-	-	REPLACE EXISTING 20A/3P BREAKER W/ NEW
FC-1	FAN COIL	2009	-	10	-	-	15	208	1	EX. LC12	1-3	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-2	FAN COIL	2009	-	10	-	-	15	208	1	EX. LC12	5-7	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-3	FAN COIL	2009	-	10	-	-	15	208	1	EX. LD12	3-5	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-4	FAN COIL	2009	-	10	-	-	15	208	1	EX. LD12	15-17	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-5	FAN COIL	3418	-	10	-	-	15	208	3	KP-1	55-57-59	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-6	FAN COIL	3418	-	10	-	-	15	208	3	KP-1	56-58-60	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-7	FAN COIL	1080	-	3	-	-	15	208	3	EX. LL11	-	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
AD-1 FC-8	FAN COIL	1080	-	3	-	-	15	208	3	LA-21	49-51-53	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-9	FAN COIL	1080	-	3	-	-	15	208	3	LA-20	55-57-59	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
CH-1	CABINET HEATER	192	-	-	2	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD.	3/4"	x	-	-	-
CH-2	CABINET HEATER	300	-	-	3	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
CH-3	CABINET HEATER	108	-	-	1	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD. AD-3	3/4"	X	-	-	-
AD-1 UH-1	UNIT HEATER	216	-	2	-	-	15	120	1	VARIES	VARIES	15A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-1	TOILET EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	9	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-2	TOILET EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	8	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-3	TOILET EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	2	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-4	TOILET EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	4	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-5	TOILET EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	6	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-6	TOILET EXHAUST FAN	696	1/4	-	-	-	-	120	1	LD21	45	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-7	TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	LD21	49	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
AD-1 TEF-8	TOILET EXHAUST FAN	1176	1/4	-	-	-	-	120	1	LD21	33	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
GEF-1	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	11	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-2	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	15	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-3	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	17	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-4	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	18	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-5	GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	LA22	13	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-6	GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	LA22	16	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
AD-2 GEF-7	GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	LA22	14	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-8	GENERAL EXHAUST FAN	528	1/6	-	-	-	-	120	1	LT20	10	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-9	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	43	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
AD-1 GEF-10	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	47	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
GEF-11	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	51	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
GEF-12	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	KP-1	64	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
GEF-13	GENERAL EXHAUST FAN	1176	1/2	-	-	-	-	120	1	KP-1	66	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-14	GENERAL EXHAUST FAN	528	1/6	-	-	-	-	120	1	LD21	55	15A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-15	GENERAL EXHAUST FAN	528	1/6	-	-	-	-	120	1	LD21	53	15A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X		
GEF-16	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	57	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X		
GEF-17	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	59	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X		

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
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PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN

SHEET
E-602

PUMP EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	C	MC.	EC.		
HWP-1	HOT WATER DISTRIBUTION PUMP	78718	75	-	-	-	-	480	3	PP10	#2-4-6	125A/3P	4 #1/0 & 1 #6 GRD.	2"	X	-	-	-
HWP-2	HOT WATER DISTRIBUTION PUMP	78718	75	-	-	-	-	480	3	PP11	#2-4-6	125A/3P	4 #1/0 & 1 #6 GRD.	2"	X	-	-	-
HWP-1G	HOT WATER DISTRIBUTION PUMP - FOR EM. GENERATOR	22421	20	-	-	-	-	480	3	PP10A	#14-16-18	70A/3P	4 #4 & 1 #8 GRD.	1 1/4"	X	-	-	-
CWP-1	CHILLED WATER DISTRIBUTION PUMP	63941	60	-	-	-	-	480	3	PP10	#8-10-12	110A/3P	4 #1 & 1 #6 GRD.	1 1/2"	X	-	-	-
CWP-2	CHILLED WATER DISTRIBUTION PUMP	63941	60	-	-	-	-	480	3	PP11	#8-10-12	110A/3P	4 #1 & 1 #6 GRD.	1 1/2"	X	-	-	-
BIP-1	BOILER RECIRCULATION PUMP (B-1)	17438	15	-	-	-	-	480	3	PP10A	#2-4-6	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-2	BOILER RECIRCULATION PUMP (B-2)	17438	15	-	-	-	-	480	3	PP10A	#8-10-12	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-3	BOILER RECIRCULATION PUMP (B-3)	17438	15	-	-	-	-	480	3	PP10	#14-16-18	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-4	BOILER RECIRCULATION PUMP (B-4)	17438	15	-	-	-	-	480	3	PP10	#20-22-24	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-5	BOILER RECIRCULATION PUMP (B-5)	17438	15	-	-	-	-	480	3	PP11	#14-16-18	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-6	BOILER RECIRCULATION PUMP (B-6)	17438	15	-	-	-	-	480	3	PP11	#20-22-24	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-7	BOILER RECIRCULATION PUMP (B-7)	17438	15	-	-	-	-	480	3	PP11	#26-28-30	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-8	BOILER RECIRCULATION PUMP (B-8)	17438	15	-	-	-	-	480	3	PP11	#32-34-36	50A/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
CTP-1	COOLING TOWER PUMP	33216	30	-	-	-	-	480	3	PP10	#13-17-19	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
CTP-2	COOLING TOWER PUMP	33216	30	-	-	-	-	480	3	PP11	#1-9-11	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-

AD-2

AD-1

ELECTRIC HEAT EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		STARTER BY:	
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	C	MC.	EC.
EUH-1	UNIT HEATER	-	-	-	-	24	-	208	3	LT10	45-47-49	30A/3P	4 #10 & 1 #10 GRD.	3/4"	-	X

NEW PANEL KP-1

TOTAL KW: 141.0 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: **** AIC | MLO(AMPS): 600
FEEDER: 2 SETS - 4 #350 MCM & 1 #1 GRD. - 2½"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.	LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
#22 DISPOSAL	15		450			1	2	1200		20		
		3		450		3	4		1200			#3 COMPRESSOR
					450	5	6				3	
#23 DISH WASHER	70		6720			7	8	1400		20	1	#56 FRIDGE
				6720		9	10		750	15		#57 HEATED CAB.
		3			6720	11	12				2	
#6 FREEZER	20	1	1200			13	14	750		15		#57 HEATED CAB.
#1 COOLER	20	1		1800		15	16		750		2	
#2 COIL	20	1			600	17	18			750	15	#57 HEATED CAB.
#3 DISPOSAL	15		450			19	20	750			2	
				450		21	22		750	15		#57 HEATED CAB.
		3			450	23	24				2	
#1 RECEPTACLE	30		2400			25	26	1800		20		
		2		2400		27	28		1800			#6 HOLD CAB.
#1 RECEPTACLE	20	1			1800	29	30		1800		3	
#4 COMBI	20	1	1800			31	32	1600		20	1	#47 FRIDGE
#2 COMBI	20	1		1800		33	34		1800	20	1	#46 COUNTER
#2 COMBI	20	1			1800	35	36		1200	20	1	#48 BREATH GUARD
SPARE	20	1				37	38	1500		20	1	#49 COLD WELL
SPARE	20	1				39	40		1500		2	
#4 COMBI	20	1			1800	41	42			1500	20	#49 COLD WELL
#35 / #40 FRIDGE	20	1	900			43	44	1500			2	
#39 COFFEE	40			3016		45	46		400		15	#50 DROP IN
		2			3016	47	48			400		
#41 EXPRESSO	40		3200			49	50	1000			20	1 #51 BRK44 FRIDGE
		2		3200		51	52		1800		20	1 #43 BLENDER
SPARE	20	1				53	54			1800	20	1 #43 BLENDER
FC-5	15		1140			55	56	1140			15	
				1140		57	58		1140			FC-6
		3			1140	59	60			VHP		
COMBI #2	100		7440			61	62	400			20	1 REC - ROOF
		3		7440		63	64		1920		30	GEF-12
					7440	65	66			1176	20	1 GEF-13
COMBI #2	100		7440			67	68					SPACE
		3		7440		69	70					SPACE
					7440	71	72					SPACE
			33140	35856	32656			13040	13810	12466		

A= 46,180
B= 49,666
C= 45,122
TOTAL= 140,968

AD-1

NOTE: REFER TO GENERAL NOTE "B" FOR ADDITIONAL INFORMATION

NEW PANEL KP-2

TOTAL KW: 106.8 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: **** AIC | MLO(AMPS): 400
FEEDER: 4 #500MCM & 1 #3 GRD. - 3"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.	LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
#60 COUNTER	20	1	1800			1	2	1200		20	1	#55 DROP-IN BREAT
#61 COLD WELL	20			1400		3	4		1400		20	#30 HTD MERCH.
		2			1400	5	6			1400	2	
#62 BREATH GUARD	20	1	600			7	8	1200		20	1	#14 DROP-IN
#63 DROP IN HEATED	20	1		1300		9	10		1500	20		#18 DROP-IN
#11 PANINI	15				1200	11	12				2	
		2	120			13	14	600		20	1	#17 BREATH GUARD
#11 PANINI	15			1200		15	16		1600	20	1	#16 COUNTER
		2			1200	17	18			1000	20	1 #30 FRIDGE
#12 PANINI	20		1200			19	20	1200		20		#58 FRIDGE
		2		120		21	22		1200		2	
#12 PANINI	20				1200	23	24			1000	20	1 #30 FRIDGE
		2	1200			25	26	1200		20		#37 FRIDGE
#45 POS	20	1		1600		27	28		1200		2	
#45 POS	20	1			1600	29	30			300	15	#36 HOT WELL
#35 POS	20	1	1600			31	32	300			2	
#35 POS	20	1		1600		33	34		1400	20	1	#33 BREATH&4 FROST
#35 POS	20	1			1600	35	36			6320	80	#36 COMBI
CONV. OUTLET	20	1	400			37	38	6320			2	
CONV. OUTLET	20	1		400		39	40		900	20	1	#67 UC FRIDGE
CONV. OUTLET	20	1			400	41	42			1800	20	1 ICE MAKER #31
CONV. OUTLET	20	1	400			43	44	900			20	1 #52 UC FRIDGE
CONV. OUTLET	20	1		400		45	46				20	1 SPARE
CONV. OUTLET	20	1			400	47	48				20	1 SPARE
CONV. OUTLET	20	1	400			49	50	7440				
CONV. OUTLET	20	1		400		51	52		7440		100	3 COMBI #14
CONV. OUTLET	20	1			400	53	54			7440		
CONV. OUTLET	20	1	400			55	56	7440				
CONV. OUTLET	20	1		400		57	58		7440		100	3 COMBI #14
CONV. OUTLET	20	1			400	59	60			7440		
			8120	8820	9800			27800	24080	28200		

A= 35,920
B= 32,300
C= 38,000
TOTAL= 106,820

NOTE: REFER TO GENERAL NOTE "B" FOR ADDITIONAL INFORMATION

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	C	MC.	EC.		
HEF-1	HOOD EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	19	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-2	HOOD EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	23	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-3	HOOD EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	31	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-4	HOOD EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	33	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-5	HOOD EXHAUST FAN	1920	1	-	-	-	-	120	1	LD21	42	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-6	HOOD EXHAUST FAN	1920	1	-	-	-	-	120	1	LD21	46	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-7	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	21	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-8	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	25	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-9	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	25	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-10	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LA22	29	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-11	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LD21	44	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-12	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	120	1	LD21	48	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
DEF-1	DRYER EXHAUST FAN	88	-	-	-	1	-	120	1	EX. LC10	22	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA DRYER INTERLOCK CONTROLS
DEF-2	DRYER EXHAUST FAN	88	-	-	-	1	-	120	1	EX. LC10	22	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA DRYER INTERLOCK CONTROLS
DEF-3	DRYER EXHAUST FAN	88	-	-	-	1	-	120	1	EX. LD10	15	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA DRYER INTERLOCK CONTROLS
SF-1	SUSPENDED INLINE SUPPLY FAN	1920	1	-	-	-	-	120	1	-	-	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	-	-	SEE DRAWINGS FOR CIRCUITING INFORMATION
SE-2	DUPLEX SEWAGE EJECTOR	2495	-	-	-	(2)1.5	-	480	3	EX. FP10A	SEE REMARK	15A/3P	4 #12 & 1 #12 GRD.	3/4"	-	-	-	CIRCUIT TO #32-34-36 & #38-40-42
AC-1/CU-1	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	-	-	25	-	-	31	208	1	LA22	#10-12	35A/2P	3 #8 & 1 #10 GRD.	3/4"	X	-	-	-
AC-2/CU-2	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	5200	-	25	-	-	31	208	1	LB11	#40-42	35A/2P	3 #8 & 1 #10 GRD.	3/4"	X	-	-	PROVIDE NEW C/B IN RELOCATED PANEL
AC-3/CU-3	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	5200	-	25	-	-	31	208	1	LD12	#40-42	35A/2P	3 #8 & 1 #10 GRD.	3/4"	X	-	-	PROVIDE NEW C/B IN RELOCATED PANEL
WH-1	WATER HEATER	5200	-	-	-	5	-	120	1	LT20	6	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	-	-	-
RCP-1	RECIRCULATION PUMP	-	1/6	-	-	-	-	120	1	LT20	8	15A/1P	2 #12 & 1 #12 GRD.	3/4"	-	-	-	-

AD-3

AD-2

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

DAVID G. JANNETT REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN

SHEET
E-603

NEW PANEL LA21

AD-3

TOTAL KW: 44.6 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESS | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 AIC (REFI) | MLO (AMPS): 225
FEEDER: 2-#4/0 & 1-#4 GRD. - 2 1/2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	900			1	2	1200			20	1	REC - SCI A-217
20	1		800		3	4		800		20	1	REC - SCI A-217
20	1			800	5	6			1200	20	1	REC - SCI A-217
20	1	900			7	8	900			20	1	REC - TEACH A-211
20	1		800		9	10		800		20	1	REC - A-217
20	1			800	11	12			400	20	1	REC - FLR A-217
20	1	900			13	14	800			20	1	REC - REEL A-217
20	1		800		15	16		600		20	1	REC - REEL A-217
20	1			800	17	18			1000	20	1	REC - HOOD A-217
20	1	900			19	20	1200			20	1	REC - SCI A-218
20	1		800		21	22		1200		20	1	REC - SCI A-218
20	1			800	23	24			1000	20	1	REC - SCI A-218
20	1	900			25	26	600			20	1	EEC - REC A-218
20	1		800		27	28		900		20	1	REC - TEACH A-218
20	1			800	29	30			1000	20	1	REC - HOOD A-218
20	1	400			31	32	800			20	1	REC - REEL A-218
20	1		1400		33	34		600		20	1	REC- REEL A-218
20	1			800	35	36			800	20	1	REC- RM A -216
20	1	1200			37	38	800			20	1	REC - RM A-216
20	1		800		39	40		1000		20	1	FRIDGE A-216
20	1			800	41	42			1400	20	1	HANDDRYER A-220
20	1	1200			43	44	1600			20	1	REC - ICE A216
20	1		1200		45	46				20	1	SPARE
20	1				47	48				20	1	SPARE
15		360			49	50				20	1	SPARE
			360		51	52				20	1	SPARE
	3			360	53	54				20	1	SPARE
					55	56						SPACE
					57	58						SPACE
					59	60						SPACE
		7660	7760	6560			7900	5900	6800			

A= 15,560
B= 13,660
C= 13,360
TOTAL= 42,580

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

NEW PANEL LA22

TOTAL KW: 36.1 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 AIC | MLO (AMPS): 225
FEEDER: 4-#4/0 & 1-#4 GRD. - 2 1/2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	600			1	2	1175			20	1	TEF-3
20	1		1000		3	4		1175		20	1	TEF-4
20	1			600	5	6			1175	20	1	TEF-5
20	1	800			7	8	925			20	1	SPARE
20	1		1175		9	10		2600		35		AC/CU-1
20	1			1920	11	12			2600		2	
20	1	696			13	14	696			20	1	SPARE
20	1		1920		15	16		696		20	1	GEF-6
30	1			1920	17	18			1920	30	1	GEF-7
30	1	1920			19	20	432			15	1	UH-1
20	1		1176		21	22				20	1	SPARE
30	1			1920	23	24				20	1	SPARE
20	1	1176			25	26				20	1	SPARE
20	1		1176		27	28				20	1	SPARE
20	1			1176	29	30				20	1	SPARE
30	1	1920			31	32						SPACE
30	1		1920		33	34						SPACE
20	1				35	36						SPACE
					37	38						SPACE
					39	40						SPACE
					41	42						SPACE
		7112	8361	7536			3478	4471	5695			

A= 10,590
B= 12,838
C= 13,231
TOTAL= 36,659

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-1

NEW PANEL LD21

TOTAL KW: 60.4 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 AIC | MLO (AMPS): 200
FEEDER: 4 #6 & 1 #8 GRD - 2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	1000			1	2	1200			20	1	REC - SCIENCE F-202
20	1		1000		3	4		1200		20	1	FUME HOOD - F-202
20	1			1200	5	6			1200	20	1	FUME HOOD - F-202
20	1	800			7	8	800			20	1	GOGGLES - F-202
20	1		800		9	10		1000		20	1	REC - SCIENCE F-202
20	1			800	11	12			1000	20	1	REC - SCIENCE F-202
20	1	1200			13	14	1000			20	1	REC - SCIENCE F-202
20	1		800		15	16		800		20	1	GAS SOLENOID F-202
20	1			800	17	18			1600	20	1	REEL CORD SCI F-202
20	1	1200			19	20	1200			20	1	REEL CORD SCI F-202
20	1		1600		21	22		1600		20	1	REEL CORD SCI F-209
20	1			1600	23	24			1200	20	1	REEL CORD SCI F-209
20	1	1600			25	26	800			20	1	GOGGLES - F-209
20	1		800		27	28		1200		20	1	FUME HOOD - F-209
20	1			800	29	30			1200	20	1	FUME HOOD - F-209
20	1	800			31	32	1200			20	1	REC - SCIENCE F-209
20	1		800		33	34		1000		20	1	REC - SCIENCE F-209
20	1			800	35	36			1000	20	1	REC - SCIENCE F-209
20	1	800			37	38	1000			20	1	REC - SCIENCE F-209
20	1		696		39	40		800		20	1	GAS SOLENOID F-209
20	1			1176	41	42			1920	30	1	HEF-5
20	1	1656			43	44	1176			20	1	HEF-11
20	1		696		45	46		1920		30	1	HEF-6
25	1			1656	47	48			1176	20	1	HEF-12
20	1	528			49	50	600			20	1	REC - ROOF
25	1		1656		51	52				20	1	SPARE
15	1			528	53	54				20	1	SPARE
15	1	528			55	56						SPACE
25	1		1656		57	58						SPACE
25	1			1656	59	60						SPACE
		10112	10504	11016			8976	9520	10236			

A= 19,088
B= 20,024
C= 21,312
TOTAL= 60,424

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-1

NEW PANEL LA10

AD-3

TOTAL KW: 38.8 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESS | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 (REFI) AIC | MLO (AMPS): 225
FEEDER: 4-#4/0 & 1-#4 GRD. - 2 1/2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	900			1	2	900			20	1	REC - TEACH A-124
20	1		800		3	4		800		20	1	REC - A-124
20	1			800	5	6			800	20	1	REC - A-124
20	1	900			7	8	900			20	1	REC - TEACH A-125
20	1		800		9	10		800		20	1	REC - A-125
20	1			800	11	12			800	20	1	REC - A-125
20	1	900			13	14	900			20	1	REC - TEACH A-128
20	1		800		15	16		800		20	1	REC - A-128
20	1			800	17	18			800	20	1	REC - A-128
20	1	900			19	20	900			20	1	REC - TEACH A-129
20	1		800		21	22		800		20	1	REC - A-129
20	1			800	23	24			800	20	1	REC - A-129
20	1	1200			25	26	1200			20	1	CORRIDOR A-120
20	1		576		27	28		576		20	1	BOTT FILL A-220
20	1			576	29	30			576	20	1	BOTT FILL A-220
20	1	500			31	32	500			20	1	REC VEST A-112
20	1		200		33	34		200		20	1	EXTERIOR RECEP.
20	1			1400	35	36			1400	20	1	HANDDRYER 116
20	1				37	38				20	1	SPARE
20	1				39	40				20	1	SPARE
20	1				41	42				20	1	SPARE
20	1				43	44				20	1	SPARE
20	1				45	46				20	1	SPARE
20	1				47	48				20	1	SPARE
					49	50						SPACE
					51	52						SPACE
					53	54						SPACE
					55	56						SPACE
					57	58						SPACE
					59	60						SPACE
		6500	5400	4400			5300	3976	5176			

A= 11,802
B= 9,376
C= 9,576
TOTAL= 30,752

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-3

NEW PANEL LA11

AD-3

TOTAL KW: 34.4 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESS | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 (REFI) AIC | MLO (AMPS): 225
FEEDER: 2-#4/0 & 1-#4 GRD. - 2 1/2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	900			1	2	900			20	1	REC - TEACH A-122
20	1		800		3	4		800		20	1	REC - A-122
20	1			800	5	6			800	20	1	REC - A-122
20	1	900			7	8	900			20	1	REC - TEACH A-123
20	1		800		9	10		800		20	1	REC - A-123
20	1			800	11	12			800	20	1	REC - A-123
20	1	900			13	14	900			20	1	REC - TEACH A- 126
20	1		800		15	16		800		20	1	REC - A-126
20	1			800	17	18			800	20	1	REC - A-126
20	1	900			19	20	900			20	1	REC - TEACH A-127
20	1		800		21	22		800		20	1	REC - A-127
20	1			800	23	24			800	20	1	REC - A-127
20	1	1200			25	26	1200			20	1	CORRIDOR A-118
20	1		500		27	28		500		20	1	REC VEST A-107
20	1			400	29	30			400	20	1	EXTERIOR RECEP.
20	1	576			31	32	576			20	1	BOTT FILL A-118
20	1		576		33	34		576		20	1	BOTT FILL. A-118
20	1	1600			35	36	1600			20	1	HANDDRYER A-103
20	1				37	38				20	1	SPARE
20	1				39	40				20	1	SPARE
20	1				41	42				20	1	SPARE
20	1				43	44				20	1	SPARE
20	1				45	46				20	1	SPARE
20	1				47	48				20	1	SPARE
					49	50						SPACE
					51	52						SPACE
					53	54						SPACE
					55	56						SPACE
					57	58						SPACE
					59	60						SPACE
		6100	6800	6800			5316	4276	5000			

A= 14,116
B= 11,076
C= 11,800
TOTAL= 34,352

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-3

NEW PANEL LA20

AD-3

TOTAL KW: 31.2 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESS | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 AIC | MLO (AMPS): 225
FEEDER: 4-#4/0 & 1-#4 GRD. - 2 1/2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	DESCRIPTION
20	1	900			1	2	1200			20	1	REC - SCI A-217
20	1		800		3	4		800		20	1	REC - SCI A-217
20	1			800	5	6			1200	20	1	REC - SCI A-217
20	1	900			7	8	900			20	1	REC - TEACH A-217
20	1		800		9	10		800		20	1	REC - A-217
20	1			800	11	12			400	20	1	REC FLRBOX A-217
20	1	900			13	14	800			20	1	REC - REEL A-217
20	1		800		15	16		600		20	1	REC - REEL A-217
20	1			800	17	18			1000	20	1	REC -HOOD A-217
20	1	900			19	20	1200			20	1	REC - SCI A-218
20	1		800		21	22		1200		20	1	REC - SCI A-218
20	1			800	23	24			1000	20	1	REC - SCI A-218
20	1	900			25	26	600			20	1	EEC - REC A-218
20	1		800		27	28		900		20	1	REC - TEACH A-218
20	1			800	29	30			1000	20	1	REC - HOOD A-218
20	1	400			31	32	800			20	1	REC- REEL A-218
20	1		1400		33	34		600		20	1	REC- REEL A-218
20	1			1400	35	36			800	20	1	REC- RM A -216
20	1	800			37	38	800			20	1	REC - RM A-216
20	1		800		39	40		1000		20	1	FRIDGE A-216
20	1			1000	41	42			800	20	1	REC - CORR A-224
20	1	800			43	44	800			20	1	REC - CORR A-222
20	1		800		45	46		1200		20	1	EUC - CORR A-222
20	1			1400	47	48			1200	20	1	EUC - CORR A-222
25		2400			49	50	800			20	1	GAS SOL - A-220
	2		2400		51	52		800		20	1	GAS SOL -A-221
20	1			1600	53	54			1400	20	1	HANDDRYER A-213
15		360			55	56	1600			20	1	ICE MAKER A213
			360		57	58				20	1	SPARE
	3			360	59	60				20	1	SPARE
		9260	9760	9760			9500	7900	8800			

A= 18,160
B= 17,660
C= 18,560
TOTAL= 54,380

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-1

NEW PANEL LT20

TOTAL KW: 4.3 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 AIC | MLO (AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	200			1	2	1200			20	1	REC - MEZZ T-201
20	1		200		3	4		288		20	1	REC - ROOF
20	1			200	5	6			288			
20	1	200			7	8	528			15	1	RCP-1
20	1				9	10		528				
20	1				11	12			432	15	1	UH-1
20	1				13	14				20	1	SPARE
20	1				15	16				20	1	SPARE
20	1				17	18	AD-3			20	1	SPARE AD-2
					19	20				20	1	SPACE
					21	22				20	1	SPACE
					23	24				20	1	SPACE
					25	26						SPACE
					27	28						SPACE
					29	30						SPACE
					31	32						SPACE
					33	34						SPACE
					35	36						SPACE
					37	38						SPACE
					39	40						SPACE
					41	42						SPACE
		400	200	200			1728	728	1052			

A= 2,128
B= 928
C= 1,252
TOTAL= 4,308

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-1

NEW PANEL LT10

TOTAL KW: 31.9 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 10,000 AIC | MLO (AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C. | LOCATION: AD-3

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	1200			1	2	800			20	1	SCOREBOARD - GYM
20	1		1200		3	4		216		15	1	UH-1 - GYM
20	1			1200	5	6			400	20	1	REC - GYM EXTERIOR
20	1	1200			7	8	1400			20	1	DRYER - BOYS T-103
20	1		1200		9	10		1400		20	1	DRYER - BOYS T-103
20	1			1200	11	12			1400	20	1	DRYER - GIRLS T-102
20	1	1200			13	14	1400			20	1	DRYER - GIRLS T-102
20	1		1200		15	16		208		20	1	CH-2
20	1			400	17	18				20	1	SPARE
20	1	1200			19	20	800			20	1	FILLER T-108
20	1		1200		21	22		600		20	1	FILLER T-108 AD-1
20	1	1200			23	24			600	20	1	FILLER T-108
20	1		800		25	26	600			20	1	FILLER T-108
20	1			1400	27	28				20	1	SPARE
20	1	1400			29	30				20	1	SPARE
20	1		1400		31	32				20	1	SPARE
20	1			1400	33	34		600		20	1	DRYER - BOYS T-103
20	1		1200		35	36	1400			20	1	DRYER - GIRLS T-102
20	1			1400	37	38			600	20	1	REC - TV WEIGHT RM.
20	1	1500			39	40				20	1	DRYER - BOYS T-103
			1500		41	42	1400			20	1	DRYER - GIRLS T-102
	3			1500	43	44			600	20	1	REC - TV CORR. FLR.
20	1				45	46	2882			30		
20	1				47	48		2882				EUH-1
20	1				49	50			2882		3	
20	1				51	52	1656			25	1	GOLF CAGE
20	1				53	54		1656		25	1	BATTING CAGE
20	1				55	56				20	1	SPARE
					57	58						SPACE
					59	60						SPACE
		8200	8500	8300			10738	8962	6482			

A= 13,638
B= 11,462
C= 14,182
TOTAL= 31,882

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-3

NEW PANEL PT20

TOTAL KW: 41.7 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 42,000 AIC | MLO (AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
20	1	1496			1	2	3129			20	1	LTG-EM
20	1		2460		3	4		3024		20	1	LTG-ROWS-3-5
20	1			3456	5	6			2356	20	1	LTG-ROWS-9-10
20	1	294			7	8	147			20	1	LTG-EM-MEZZANINE
20	1		24		9	10				20	1	SPARE
20	1				11	12				20	1	SPARE
15		182			13	14	5812			45		
			182		15	16		5812				AH-8-27
	3			182	17	18			5812		3	
					19	20	2449			15		
					21	22		2449				AH-8-27
					23	24			2449		3	
					25	26						SPACE
					27	28						SPACE
					29	30						SPACE
					31	32						SPACE
					33	34						SPACE
					35	36						SPACE
					37	38						SPACE
					39	40						SPACE
					41	42						SPACE
		1872	2666	3638			----	----	----			

A= 13,509
B= 13,951
C= 14,255
TOTAL= 41,715

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

AD-1

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MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNEY NO. 10302590 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
E-604

NEW PANEL SA21 (AD-3)

TOTAL KW: 13.0 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESSED | BUSSING: COPPER | FAULT CURRENT RATING: 22K AIC | MLO(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
TV/TEACH B-115	20	1	900			1	2	800			20	1	REC - B-113
REC - B115	20	1		800		3	4		600		20	1	REC B109,110,111A
REC - B115	20	1			600	5	6			1400	20	1	HANDRYER - B-116
TV/TEACH B-111	20	1	900			7	8	1400			20	1	HANDRYER - B-116
REC - B111	20	1		800		9	10		1400		20	1	HANDRYER - B-109
REC - B111	20	1			800	11	12			1400	20	1	HANDRYER - B-109
REC - B-107	20	1	400			13	14	800			20	1	REC - B112
SPARE	20	1				15	16				20	1	SPARE
SPARE	20	1				17	18				20	1	SPARE
SPARE	20	1				19	20				20	1	SPARE
SPARE	20	1				21	22				20	1	SPARE
SPARE	20	1				23	24				20	1	SPARE
SPARE	20	1				25	26				20	1	SPARE
SPARE	20	1				27	28				20	1	SPARE
SPARE	20	1				29	30				20	1	SPARE
SPARE	20	1				31	32				20	1	SPARE
SPARE	20	1				33	34				20	1	SPARE
SPARE	20	1				35	36				20	1	SPARE
SPARE	20	1				37	38				20	1	SPARE
SPARE	20	1				39	40				20	1	SPARE
SPARE	20	1				41	42				20	1	SPARE
			2200	1600	1400			3000	2000	2800			

A= 5,200
B= 3,600
C= 4,200
TOTAL= 13,000

NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

NEW PANEL PF10 (AD-1, AD-2)

TOTAL KW: 52.2 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 65,000 AIC | MLO(AMPS): 800
FEEDER: 2 SETS - 4 500 MCM & 1 #6 GRD. - 3"C. | LOCATION:

LOAD DESCRIPTION	FUSE/SW PROG.	FUSE/SW POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	FUSE/SW PROG.	FUSE/SW POLE	LOAD DESCRIPTION
CT-1	60	3	9411			1	2	26572			125	3	HWP-1
				9411		3	4		26572				
					9411	5	6			26572			
CFS-1	70	3	7473			7	8	21313			110	3	CWP-1
				7473		9	10		21313				
					7473	11	12			21313			
CTP-1	90	3	11072			13	14	5812			50	3	BP-3
				11072		15	16		5812				
					11072	17	18			5812			
B-3	15	3	1882			19	20	5812			50	3	BP-4
				1882		21	22		5812				
					1882	23	24			5812			
B-4 (AD-2)	15	3	1882			25	26	1330			*30	3	EX KEF
				1882		27	28		1330				
					1882	29	30			1330			
* EX EXHAUST FAN	*20	3	443			31	32	831			*20	3	EX KITCHEN FAN
				443		33	34		831				
					443	35	36			831			
EX KEF	*30	3	1330			37	38	42666			*40	3	EX. AT8-5
				1330		39	40		42666				
					1330	41	42			42666			
EX DOM BOOSTER	*100	3	14410			43	44						SPACE
				14410		45	46						SPACE
					14410	47	48						SPACE
EX COND UNIT	*60	3	7593			49	50						SPACE
				7593		51	52						SPACE
					7593	53	54						SPACE
SPACE						55	56						SPACE
SPACE						57	58						SPACE
SPACE						59	60						SPACE
			55496	55496	55496			147002	104336	104336			

A= 207,498
B= 159,832
C= 159,832
TOTAL= 527,162

* - MATCH EXISTING FUSE SIZE
NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

EX PANEL PF10A (AD-2)

TOTAL KW: 134.9 | ENCLOSURE: NEMA-3R | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: EXISTING | FAULT CURRENT RATING: EXISTING AIC | MLO(AMPS): 400
FEEDER: EXISTING | LOCATION:

LOAD DESCRIPTION	FUSE/SW PROG.	FUSE/SW POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	FUSE/SW PROG.	FUSE/SW POLE	LOAD DESCRIPTION
B-1 (AD-2)	*15	3	1882			1	2	5812			*50	3	BP-1
				1882		3	4		5812				
					1882	5	6			5812			
B-2	*15	3	1882			7	8	5812			*50	3	BP-2
				1882		9	10		5812				
					1882	11	12			5812			
EX COMB AIR FAN	30	3	3879			13	14	7473			*70	3	HWP-1G
				3879		15	16		7473				
					3879	17	18			7473			
EX FAN COIL	20	3	581			19	20	30000			60	3	EX. TELF11 / ELF11
				581		21	22		30000				
					581	23	24			30000			
EX KITCHEN 8F	30	3	3879			25	26	10000			30	3	EX. FUEL OIL
				3879		27	28		10000				
					3879	29	30			10000			
EX ADMIN 8F	30	3	2106			31	32	832			15	3	8E-2
				2106		33	34		832				
					2106	35	36			832			
SPACE						37	38	832			15	3	8E-2
SPACE						39	40		832				
SPACE						41	42			832			
			14203	14203	14203			30761	30761	30761			

A= 44,910
B= 44,910
C= 44,910
TOTAL= 134,910

* BROKEN JUMPERED FROM AVAILABLE SPACE
NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

NEW PANEL PF11

TOTAL KW: 344.7 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 65,000 AIC | MLO(AMPS): 600
FEEDER: 2 SETS - 4 #350 MCM & 1 #4 GRD. - 2½"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
CT-2	80	3	9411			1	2	26572			125	3	HWP-2
				9411		3	4		26572				
					9411	5	6			26572			
CTP-2	90	3	11072			7	8	21313			110	3	CWP-2
				11072		9	10		21313				
					11072	11	12			21313			
B-5	15	3	1882			13	14	5812			50	3	BP-5
				1882		15	16		5812				
					1882	17	18			5812			
B-6	15	3	1882			19	20	5812			50	3	BP-6
				1882		21	22		5812				
					1882	23	24			5812			
B-7	15	3	1882			25	26	5812			50	3	BP-7
				1882		27	28		5812				
					1882	29	30			5812			
B-8	15	3	1882			31	32	5812			50	3	BP-8
				1882		33	34		5812				
					1882	35	36			5812			
EX IRRIGATION	60	3	7482			37	38	2106			30	3	EX MAU
				7482		39	40		2106				
					7482	41	42			2106			
EX KEF	30	3	1330			43	44	2106			30	3	EX MAU
				1330		45	46		2106				
					1330	47	48			2106			
EX KEF	30	3	1330			49	50	581			20	3	EX. ADMIN FAN
				1330		51	52		581				
					1330	53	54			581			
EX EXHAUST FAN	20	3	831			55	56						SPACE
				831		57	58						SPACE
					831	59	60						SPACE
			38984	38984	38984			75926	75926	75926			

A= 114,910
B= 114,910
C= 114,910
TOTAL= 344,730

NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

NEW PANEL PT20A (AD-3)

TOTAL KW: 40.0 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 42,000 AIC | MCB(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
AH-8-28	15	3	2269			1	2	11072			90	3	AH-8-27
				2269		3	4		11072				
					2269	5	6			11072			
SPACE						7	8						SPACE
SPACE						9	10						SPACE
SPACE						11	12						SPACE
SPACE						13	14						SPACE
SPACE						15	16						SPACE
SPACE						17	18						SPACE
SPACE						19	20						SPACE
SPACE						21	22						SPACE
SPACE						23	24						SPACE
			2269	2269	2269			11072	11072	11072			

A= 13,341
B= 13,341
C= 13,341
TOTAL= 40,023

NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

NEW PANEL PA20A (AD-3)

TOTAL KW: 66.4 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 42,000 AIC | MCB(AMPS): 200
FEEDER: 4 #3/0 & 1 #6 GRD. - 2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
	90		11072			1	2	11072			90		
AH-8-25				11072		3	4		11072				AH-8-26
		3			11072	5	6			11072		3	
SPACE						7	8						SPACE
SPACE						9	10						SPACE
SPACE						11	12						SPACE
SPACE						13	14						SPACE
SPACE						15	16						SPACE
SPACE						17	18						SPACE
SPACE						19	20						SPACE
SPACE						21	22						SPACE
SPACE						23	24						SPACE
			11072	11072	11072			11072	11072	11072			

A= 22,144
B= 22,144
C= 22,144
TOTAL= 66,432

NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

NEW PANEL LF10

TOTAL KW: 36.6 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESSED | BUSSING: COPPER | FAULT CURRENT RATING: 22K AIC | MLO(AMPS): 200
FEEDER: 3 #3/0 & 1 #6 GRD. - 2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
TC PANEL-STOR F106	20	1	600			1	2	1200			20	1	REC - OFFICE F150
REC - NURSE AREA	20	1		1000		3	4		1000		20	1	REC - TEAM F148
REC - NURSE BEDS	20	1			1200	5	6			1200	20	1	REC - PRINTER
REC - NURSE OFFICE	20	1	1000			7	8	800			20	1	REC - DESKS F141/F144
REC - EXAM RM.	20	1		800		9	10		1200		20	1	REC - CONV. - F144/F146
REC - TEAM F147	20	1			1000	11	12			1000	20	1	REC - IP SEC F138
REC - TEAM F145	20	1	1000			13	14	800			20	1	REC - DESK/TV - F140
REC - TEAM F143	20	1		1000		15	16		1200		20	1	REC - CONV. - F140
REC - TEAM F139	20	1			1000	17	18			1000	20	1	REC - TEAM F136
REC - TEAM F137	20	1	1000			19	20	1000			20	1	REC - TEAM F134
REC - TEAM F135	20	1		1000		21	22		1000		20	1	REC - TEAM F133
REC - CONV. PASS FI	20	1			1000	23	24			1200	20	1	REC - TEAM F132/D130
REC - CONV. LGI D105	20	1	1200			25	26	1000			20	1	REC - TEAM F131
REC - CONV. LGI D105	20	1		1200		27	28		600		20	1	REC - CONV. F128
REC - CONV. LGI D105	20	1			1000	29	30			1200	20	1	REC - PRINTER F128
REC - TV LGI D105	20	1	600			31	32	600			20	1	REC - CONV. F129
REC - DESK LGI D105	20	1		400		33	34		1500		20		REC - COPIER F129
SPARE	20	1				35	36			1500		2	
SPARE	20	1				37	38	600			20	1	REC - NURSE CTR.
SPARE	20	1				39	40		1000		20	1	REC - NURSE FRIDGE
SPARE	20	1				41	42			1200	20	1	SPARE
			5400	5400	5200			6000	13500	11100			

A= 11,400
B= 12,900
C= 12,300
TOTAL= 36,600

NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

NEW PANEL PA20

TOTAL KW: 34.9 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
	45		5812			1	2	5812			45		
AH-8-25				5812		3	4		5812				AH-8-26
		3			5812	5	6			5812		3	
SPACE						7	8						SPACE
SPACE						9	10						SPACE
SPACE						11	12						SPACE
SPACE						13	14						SPACE
SPACE						15	16						SPACE
SPACE						17	18						SPACE
SPACE						19	20						SPACE
SPACE						21	22						SPACE
SPACE						23	24						SPACE
			5812	5812	5812			5812	5812	5812			

A= 11,624
B= 11,624
C= 11,624
TOTAL= 34,872

NOTE: REFER TO GENERAL NOTE "B"
FOR ADDITIONAL INFORMATION

AD-1

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MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1
AD-2	10/29/21	ADDENDUM NO. 2
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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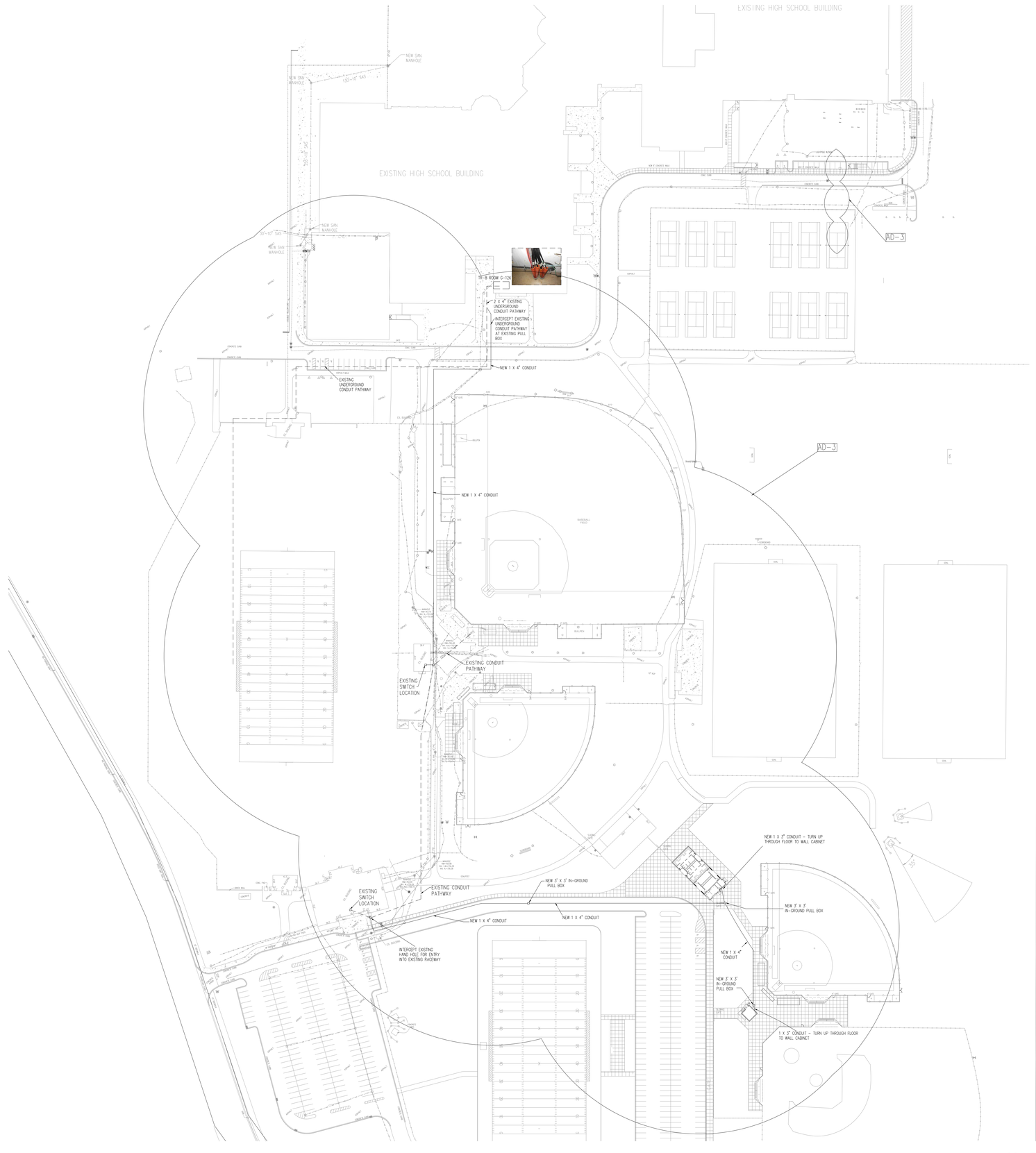
SHEET
E-605



1 **TELECOMMUNICATIONS SITE PLAN**

SCALE: NOT TO SCALE

D:\DROPBOX\CROWN_POINT_ COMMUNITY_SCHOOLS\HIGH SCHOOL\DRAWINGS\CROWN_PT_HS_SITE_PLAN_DRAWINGS_AD 3 - BKS.DWG

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

SECTION KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-111
DATE 10/11/21
COORDINATED BY BKS
DRAWN BY TKP
CHECKED BY BKS

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Brian K Scott
BICSI ID # 114038
Expires 12.31.21
RCDD

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM NO. 3

DRAWING
TELECOMMUNICATIONS SITE PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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SHEET
TS100

GENERAL ROUGH-IN NOTES:

1) CONTRACTOR SHALL USE THESE DRAWINGS IN CONJUNCTION WITH THE SPECIFICATIONS TO DETERMINE THE FULL SCOPE, INTENT AND REQUIREMENTS OF THE PROJECT. SPECIFICATIONS AND DRAWINGS ARE INTENDED TO BE COMPLEMENTARY, NOT MUTUALLY EXCLUSIVE. WORK SHOWN ON THE DRAWINGS BUT NOT LISTED IN THE SPECIFICATIONS, AND WORK DESCRIBED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS SHALL BE INTERPRETED AS THOUGH WORK WERE FULLY DESCRIBED IN BOTH PLACES. THE HIGHER QUANTITY, HIGHER QUALITY, MORE LABOR INTENSIVE AND OVERALL MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY.

2) COLORS OF CABLING USED FOR ALL COMMUNICATIONS TECHNOLOGY WORK SHALL BE REVIEWED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.

3) ALL LADDER RACK AND OTHER COMMUNICATION TECHNOLOGY CABLING PATHWAYS DEPICTED ON THE ENLARGED FLOOR PLANS AND OTHERWISE NECESSARY FOR PROFESSIONAL WIRE MANAGEMENT WITHIN THE MAIN EQUIPMENT ROOM (ER) AND ALL TELECOMMUNICATION ROOMS (TR) SHALL BE PROVIDED BY THE COMMUNICATIONS TECHNOLOGY CONTRACTOR. SEE DIVISION 27 SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS.

4) THE DIVISION 27 CONTRACTOR SHALL THOROUGHLY REVIEW THE SPECIFIED ROUGH-IN TO ENSURE THAT SUPPLIED ROUGH-IN WILL SUPPORT THE CABLING AND DEVICES BEING SUPPLIED. DIVISION 27 CONTRACTOR SHALL THOROUGHLY COORDINATE WITH THE DIVISION 26 ROUGH-IN PROVIDER PRIOR TO ROUGH-IN MATERIAL ACQUISITION AND INSTALLATION.

GENERAL PATHWAYS NOTES:

1) ROUGH-IN PATHWAYS SHALL BE CLOSELY REVIEWED AND COORDINATED PRIOR TO INSTALLATION. IT IS THE RESPONSIBILITY OF THE ROUGH-IN PROVIDER TO THROUGHLY REVIEW AND UNDERSTAND THE REQUIREMENTS OF THE SYSTEMS THAT WILL USE THE PATHWAYS. THIS INCLUDES, BUT IS NOT LIMITED TO, PROPER SIZING OF BOXES, AND PROVIDING THE CORRECT QUANTITY AND SIZES OF CONVEYANCES. THE COST FOR REMOVING AN INSUFFICIENT PATHWAY SYSTEM AND INSTALLING AN APPROPRIATELY SIZED AND TYPED PATHWAY SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR.

   PATHWAYS SHALL BE COMPLIANT WITH THE CONTRACT DOCUMENTS.

2) WHERE CONDUIT IS SHOWN AND/OR SPECIFIED, PROVIDE PULL BOXES SHOWN ON THE DRAWINGS PLUS ADDITIONAL PULL BOXES AS FOLLOWS:

   A) EVERY 180 DEGREES OF CONDUIT BEND;
   B) EVERY 100 FEET OF CONDUIT PATH.

3) INSTALLED PULL BOXES AND JUNCTION BOXES BE IN ACCESSIBLE LOCATIONS.

4) ROUGH-IN REQUIREMENTS INDICATED ON PLANS, ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER VALUES GIVEN ON THE LEGEND, BUT ONLY TO THE EXTENT THAT THOSE SPECIFIC ITEMS ARE MODIFIED.

5) PROVIDE PATHWAYS FOR COMMUNICATIONS AND SECURITY SYTEMS CABLING. REFER TO SECTIONS "PATHWAYS FOR COMMUNICATIONS" AND "PATHWAYS FOR SAFETY AND SECURITY".

6) PROVIDE COVER PLATES FOR DEVICE, JUNCTION AND PULL BOXES. COORDINATE MATERIAL AND FINISH OF BLANK PLATES TO MATCH SURROUNDING PLATES.

7) WHERE CONDUITS ARE SPECIFIED "TAAC" (TO ABOVE ACCESSIBLE CEILING) THIS SHALL MEAN THAT CONDUITS SHALL BE STUBBED INTO AN ACCESSIBLE CEILING CAVITY WITHIN THE SAME ROOM AS THE DEVICE THE CONDUIT SERVES. SEE ALSO "DEFINITIONS."

8) WHERE DEVICE CONDUITS ARE SPECIFIED "TAHC" (TO ABOVE ACCESSIBLE HALLWAY/CORRIDOR CEILING) THIS SHALL MEAN THAT CONDUITS SHALL BE RUN CONTINUOUS AND STUBBED OUT INTO AN ACCESSIBLE CEILING CAVITY WITHIN THE NEAREST CORRIDOR FEATURING AN ACCESSIBLE CEILING CAVITY. SEE ALSO "DEFINITIONS."

9) CONDUIT INSTALLER SHALL INSTALL PULL STRINGS IN CONDUITS IMMEDIATELY AFTER INSTALLATION. THIS INCLUDES CONDUITS TARGETED FOR IMMEDIATE AND FUTURE USE.

10) WHERE A MOUNTING HEIGHT MEASUREMENT IS APPLIED TO A ROUGH-IN, THE MEASUREMENT SHALL BE REFERENCED TO THE CENTER OF THE ROUGH-IN DEVICE, EXCEPT WHERE OTHERWISE DETAILED.

11) ROUGH-IN BOXES SHALL BE INSTALLED FLUSH IN WALLS AND CEILINGS.

12) PATHWAYS SHALL BE INSTALLED CONCEALED MANNER. EXPOSED CONDUIT SHALL NOT BE PERMITTED IN FINISHED AREAS.

13) SURFACE MOUNT BACK BOXES AND MATCHING RACEWAY SHALL BE USED FOR COMMUNICATION TECHNOLOGY DEVICES THAT ARE NOT INSTALLED WITHIN A WALL OR CEILING

13) PROVIDE CODE-COMPLIANT FIRE-STOPPING FOR PATHWAYS THROUGH FIRE-RATED WALLS, FLOORS AND CEILINGS.

14) ALL CONDUIT PROVIDED FOR COMMUNICATION TECHNOLOGY USE SHALL BE PROVIDED WITH NYLON END-BUSHINGS. BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUIT; AT EACH PULL/JUNCTION/DEVICE BOX; ON CONDUIT STUBS; AT EACH LOCATION WHERE PULLING CABLE THROUGH THE CONDUIT MAY CAUSE THE CABLE TO RUB AGAINST THE END OF A CONDUIT OR ITS END FITTING.

15) DEVICES DESIGNATED WITH THE "CH" SUBSCRIPT (COUNTER HEIGHT) SHALL BE CLOSELY COORDINATED IN THE FIELD WITH ARCHITECT, CASEWORK AND FURNITURE VENDORS PRIOR TO ROUGH-IN.

16) DEVICES TO BE INSTALLED AT CASEWORK LOCATIONS SHALL BE CLOSELY COORDINATED WITH THE CASEWORK TO ENSURE FUNCTIONAL CONNECTIVITY. COORDINATE WITH THE ARCHITECT AND THE EQUIPMENT AND CASEWORK DRAWINGS.

17) ROUGH-IN SHALL BE CLOSELY COORDINATED TO COMPLEMENT THE INTENDED FURNITURE PLAN AND TO ENSURE THE SAFE AND EFFICIENT CONNECTIVITY OF EQUIPMENT.

18) MANY COMMUNICATIONS DEVICES ARE INTENDED TO HAVE ADJACENT POWER OR INTEGRAL RECEPTACLES (MULTI-SERVICE) TO SERVE THE SAME EQUIPMENT. CLOSE PROXIMITY OF SEPARTE DEVICES IS CRITICAL FOR USABILITY AND AESTHETICS. COORDINATE THE LOCATION OF SEPARATE DEVICES SO THAT THEY ARE LOCATED ADJACENT AND AT THE SAME ELEVATION.

19) TELECOMMUNICATION DEVICE MOUNTING HEIGHT SHALL BE CONSISTENT WITH THE ELECTRICAL OUTLET MOUNTING HEIGHTS FOR THE FACILITY (NEW OR EXISTING) UNLESS OTHERWISE INDICATED ON DRAWINGS. CONTRACTOR SHALL SEEK THE DIRECTION OF THE DESIGNER/ARCHITECT/ENGINEER/ CONSULTANT SHOULD DISCREPANCIES BE FOUND WITHIN THE DRAWINGS, SPECIFICATIONS AND ACTUAL FIELD CONDITIONS.

20) CONDUITS STUBBED INTO THE CEILING CAVITY SHALL BE MARKED WITH AN INDELIBLE MARKER INDICATING THE CONDUIT'S INTENDED USE. MARK CONDUIT SO AS TO BE READABLE FROM BELOW. LABEL WITHIN 6 INCHES OF THE CONDUIT BUSHING. BELOW OF EXAMPLES OF LABELS TO BE USED. "CAMERA," "ICOM," "DOOR," "SPKR," "MIC," "CLOCK," "VOL" "PANEL," "WAP," "DATA," "PHONE," "COM," "RF," "VP," "INPUT," ETC.

21) WHERE SPECIFICATIONS AND/OR DRAWINGS INDICATE THE USE OF SURFACE RACEWAY AND BOXES IN LIEU OF RECESSED ROUGH-IN, THE BOX SIZE AND USABLE RACEVAY CABLE AREA SHALL SUBSTANTIALLY MATCH THAT OF THE DEFAULT STANDARD ROUGHIN. IN SOME CIRCUMSTANCES THIS MAY REQUIRE THE CONTRACTOR TO PROCURE MATERIALS ONLY AVAILABLE BY SPECIAL ORDER FROM THE MANUFACTURERS.

22) LADDER RACK AND OTHER COMMUNICATION TECHNOLOGY CABLING PATHWAYS DEPICTED ON THE ENLARGED FLOOR PLANS SHALL BE PROVIDED AS INDICATED. ADDITIONAL PRODUCTS NECESSARY FOR PROFESSIONAL WIRE MANAGEMENT WITHIN THE MAIN EQUIPMENT ROOM <ER> AND ALL TELECOMMUNICATION ROOMS <TR> SHALL BE ALSO BE PROVIDED AS NECESSARY.

23) ELEVATOR TELEPHONE CONNECTIONS, SHALL BE CLOSELY COORDINATED WITH THE ELEVATOR PROVIDER. PROVIDE CONDUIT FROM THE ELEVATOR CONTROL PANEL TO THE CORRIDOR CEILING SPACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

24) COORDINATE THE TELEPHONE CONNECTION REQUIREMENTS FOR THE FIRE ALARM CONTROL PANEL (FACP) WITH THE FIRE ALARM INSTALLER. PROVIDE CONDUIT FROM THE FACP TO ACCESSIBLE CORRIDOR CEILING SPACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

25) COORDINATE DATA CABLING AND TERMINATION REQUIREMENTS FOR HVAC BUILDING AUTOMATION SYSTEM (BAS), WITH THE BAS PROVIDER.

26) PROVIDE A MINIMUM OF TWO (2) 2-INCH DIAMETER THROUGH-THE-WALL CONDUIT SLEEVES FOR USE AS COMMUNICATION AND SECURITY CABLE PATHWAYS INTO EACH SPACE CONTAINING COMMUNICATION AND SECURITY DEVICES. ROUTE CONDUITS FROM ABOVE ACCESSIBLE CEILING TO THE NEAREST HALLWAY/CORRIDOR FEATURING AND ACCESSIBLE CEILING CAVITY.

GENERAL NOTES:

1) NOTHING SET FORTH IN THESE DRAWINGS SHALL RELEASE ANY CONTRACTOR FROM HIS RESPONSIBILITY TO PROVIDE APPROPRIATE QUANTITIES, FIELD MEASUREMENTS, DIMENSIONAL STABILITY, INSTALLATION, ANCHORAGE, AND COORDINATION WITH OTHER TRADES; OR RELEASE HIM FROM HIS RESPONSIBILITY TO IDENTIFY AND RESOLVE DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, OR FREE HIM OF HIS RESPONSIBILITY TO ALERT DESIGNER TO ERRORS OR OMISSIONS.

2) CONTRACTOR SHALL UTILIZE THESE DRAWINGS IN CONJUNCTION WITH THE SPECIFICATIONS TO DETERMINE THE FULL SCOPE, INTENT AND REQUIREMENTS OF THE PROJECT. SPECIFICATIONS AND DRAWINGS ARE INTENDED TO BE COMPLEMENTARY, NOT MUTUALLY EXCLUSIVE. WORK SHOWN ON THE DRAWINGS BUT NOT LISTED IN THE SPECIFICATIONS, AND WORK DESCRIBED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS SHALL BE INTERPRETED AS THOUGH WORK WERE FULLY DESCRIBED IN BOTH PLACES. THE HIGHER QUANTITY, HIGHER QUALITY, MORE LABOR INTENSIVE AND OVERALL MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY UNLESS OTHERWISE CLARIFIED IN WRITING PRIOR TO BID.

3) EACH CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING APPLICABLE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS AND AS PERTINENT TO THE INTENT OF THESE DRAWINGS. ANY DISCREPANCY DISCOVERED SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY, OR RELATED TO, SUCH DISCREPANCY. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH, OR CAUSED BY HIS FAILURE TO COMPLY WITH THIS REQUIREMENT.

4) EACH CONTRACTOR SHALL REVIEW ALL PORTIONS OF HIS WORK, BEFORE STARTING THE WORK, TO VERIFY THAT THE WORK WILL NOT PROHIBIT COMPLETION OF THE PROJECT AS INTENDED IN THESE CONSTRUCTION DOCUMENTS. ALL QUESTIONS SHALL BE REFERRED TO THE DESIGNER FOR RESOLUTION.

5) EACH CONTRACTOR SHALL BE RESPONSIBLE FOR JOB CLEANLINESS. PROJECT AREAS SHALL BE THOROUGHLY CLEANED AND TRASH DISPOSED OF AT THE END OF EACH WORK DAY. OWNER'S FACILITIES SHALL NOT BE USED FOR WASTE DISPOSAL.

6) PROVIDE DUST PROTECTION WHEN WORKING IN EXISTING FACILITIES. SEAL OFF ALL WORK AREAS FROM REMAINDER OF THE EXISTING FACILITY TO RETAIN ALL CONSTRUCTION DIRT AND DUST. SEAL EXISTING DOORS WITH TAPE AND PROVIDE DUST-PROOF BARRIERS AS REQUIRED.

7) ALL WORK SHALL BE SEQUENCED TO PROVIDE FOR THE OWNER'S CONTINUED USE OF THE EXISTING FACILITY WHEN REQUIRED. OWNER'S ACCESS, EGRESS AND SAFETY SHALL BE MAINTAINED BY EACH CONTRACTOR. THE SEQUENCE OF WORK SHALL BE AS DETERMINED BY THE CONSTRUCTION MANAGER. REFER TO THE PROJECT MANUAL FOR FURTHER REQUIREMENTS.

8) EACH CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL SURFACES AND FINISHES IN THE INTERIOR OR EXTERIOR OF THE FACILITY. DAMAGED SURFACES OR FINISHES RESULTING FROM THE PERFORMANCE OF THE WORK OR NEGLIGENCE SHALL BE REPAIRED AT NO COST TO THE OWNER BY THE RESPONSIBLE CONTRACTOR. FINISHES AND SURFACES SHALL BE MADE TO MATCH THE EXISTING FINISHES OR SURFACES TO THE SATISFACTION OF THE OWNER AND ARCHITECT/ CONSTRUCTION MANAGER.

9) "TECHNOLOGY" CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TELEPHONE, DATA, CENTRAL SOUND, SECURITY CCTV AND ALARM SYSTEM SERVICES IN ALL EXISTING AREAS FOR DURATION OF PROJECT FOR MULTI-PHASED PROJECTS. CONTRACTOR SHALL COLLABORATE WITH OWNER'S TECHNOLOGY PERSONNEL AS NECESSARY AND PROVIDE TEMPORARY WIRING, CROSS-CONNECTS, TERMINATION DEVICES. AND LABOR TO MAINTAIN OPERATION ACCEPTABLE TO THE OWNER. CONTRACTOR SHALL REFER TO THE FRONT END DOCUMENTS OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION RELATED TO PHASING. ALL PHASING QUESTIONS SHALL BE ADDRESSED PRIOR TO THE CONTRACTOR'S BID SUBMISSION.

10) EACH CONTRACTOR SHALL FIELD VERIFY ALL EXISTING APPLICABLE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS. AS PERTAINS TO THE INTENT OF THESE DRAWINGS, CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT AND DESIGNER ANY DISCREPANCIES DISCOVERED PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY OR RELATED TO SUCH DISCREPANCY. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH OR CAUSED BY THAT CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.

GENERAL CABLING NOTES:

1) ALL PROVIDED CABLE SHALL BE RATED FOR THE ENVIRONMENT INSTALLED.

2) ALL INSTALLED CABLING SHALL BE CONTINUOUS AND WITHOUT SPLICES, EXCEPT WHERE OTHERWISE NOTED.

3) "ABOVE ACCESSIBLE CEILING" SHALL BE INTERPRETED TO GENERALLY MEAN THE ACCESSIBLE CAVITY ABOVE SUSPENDED CEILING AND BENEATH THE DECK/FLOOR ABOVE. CONDUITS STUBBED ABOVE ACCESSIBLE CEILING SHALL TERMINATE IN A LOCATION IN WHICH A NORMAL HEIGHT PERSON CAN VIEW AND ACCESS WITHOUT STRAIN WHILE STANDING UPRIGHT ON A LADDER OR OTHER VERTICAL LIFT DEVICE.

4) COLOR CODING OF CABLING SHALL BE COORDINATED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.

5) ALL CABLE IN EXPOSED CEILINGS SHALL BE IN CONDUIT.

SLEEVE AND FIRE-STOPPING NOTES:

1) ALL PENETRATIONS THROUGH BUILDING STRUCTURE (WALL AND/OR FLOORS) FOR COMMUNICATIONS CABLING SHALL BE SLEEVED.

2) ALL SLEEVES THROUGH WALLS OR FLOORS HOLDING A FIRE RATING SHALL BE INSTALLED UTILIZING ONE OF THE APPROVED METHODS FOR A UL LISTED ASSEMBLY.

3) APPROVED MANUFACTURERS FOR UL LISTED SLEEVES SHALL BE SPECIFIED TECHNOLOGY SYSTEMS, UNIQUE FIRESTOP PRODUCTS, AND WIREMOLD.

4) ALL SLEEVES THROUGH FLOORS SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE FLOOR RATING.

5) ALL UN-USED SLEEVES THROUGH WALLS OR FLOORS HOLDING A FIRE RATING SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE WALL OR FLOOR RATING.

6) ALL SLEEVES THROUGH WALLS HOLDING A FIRE RATING SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE WALL RATING.

7) ALL PENETRATIONS SHALL BE PART OF THE RE-USABLE PATHWAY SYSTEM; FIRESTOPPED PENETRATIONS SHALL EITHER BE AN ASSEMBLY WITH FIRESTOP MATERIALS BUILT INTO THE ASSEMBLY OR FIRESTOPPED WITH REMOVABLE PUTTY OR FIRESTOP BAGS.

AUDIO-VISUAL SYSTEMS

LI	**VOICE AND DATA OUTLET WITH LOCAL INPUT** X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) LI = LOCAL INPUT CABLING TO A VIDEO PROJECTOR. TELEVISION. ETC.
LI	**DATA OUTLET WITH LOCAL INPUT** X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 2 DATA CABLE WITHOUT SUBSCRIPT) LI = LOCAL INPUT CABLING TO A VIDEO PROJECTOR, TELEVISION, ETC.
VI	**VIDEO PROJECTOR CEILING MOUNTED - NETWORK** QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT CABLING FROM LOCAL INPUT LOCATIONS Y = MODEL
VP	**VIDEO PROJECTOR WALL MOUNTED** QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL
TV	**LED TELEVISION/ CEILING MOUNTED - NETWORK** QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL
TV	**LED TELEVISION WALL MOUNTED - NETWORK** QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES X= HEIGHT = 72" (UNLESS OTHERWISE NOTED) S = MODEL
AV	**AUDIO VIDEO (A/V) OUTLET** X = SYSTEM Y = MODEL SEE SYTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
MC	**MICROPHONE INPUT – WALL MOUNT** X = SYSTEM SEE SYTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
MC	**MICROPHONE INPUT – CEILING MOUNT** X = SYSTEM SEE SYTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
S	**SYSEM SPEAKER – RECCESSED CEILING MOUNTED** X = SYSTEM Y= MODEL
S	**SYSTEM SPEAKER – WALL MOUNTED** X = SYSTEM Y = MODEL
S	**SYSTEM SPEAKER – PENDANT MOUNTED** X = SYSTEM Y = MODEL
S	**SYSTEM SPEAKER – CEILING MOUNTED** X = SYSTEM Y = MODEL
CP	**A/V CONTROL PANEL** X = SYSTEM Y = TYPE SEE SYTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
WB	**INTERACTIVE WHITE BOARD** A/V SYSTEM CONTROL PANEL

DISTRIBUTED SYSTEMS

S	**SPEAKER – SUSPENDED CEILING MOUNTED** CABLE AS REQUIRED BY SYSTEM V = INTREGAL VOLUME CONTROL Y = MODEL
S	**SPEAKER – SOLID CEILING MOUNTED** CABLE AS REQUIRED BY SYSTEM V = INTREGAL VOLUME CONTROL Y = MODEL
S	**SPEAKER, WALL TYPE** CABLE AS REQUIRED BY SYSTEM Y = MODEL
S	**SPEAKER, PENDANT** CABLE AS REQUIRED BY SYSTEM Y = MODEL
S	**SPEAKER, VOLUME CONTROL** CABLE AS REQUIRED BY SYSTEM P = PRIORITY OVERRIDE OPTION
H	**SPEAKER, HORN TYPE** CABLE AS REQUIRED BY SYSTEM Y = MODEL
VIS	**VIDEO INTERCOM CALL STATION** QUANTITY ONE - (4) PAIR DATA CABLE ACCESS CONTROL SYSTEMS CABLE TO DOOR CONTROLER
VIM	**VIDEO INTERCOM MASTER STATION** QUANTITY ONE - (4) PAIR DATA CABLE ACCESS CONTROL SYSTEMS CABLE TO DOOR CONTROLER
	CLOCK – BATTERY TYPE WALL CLOCK; 12" DIAMETER, UNLESS OTHERWISE NOTED WG = PROVIDE WITH ACCESSORY WIRE GUARD
	CLOCK – BATTERY TYPE WALL CLOCK; 12" DIAMETER, UNLESS OTHERWISE NOTED WG = PROVIDE WITH ACCESSORY WIRE GUARD DOUBLE SIDED
LED	**LED CLOCK – CEILING MOUNTED** QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL
LED LED	**LED CLOCK** QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL, DOUBLE SIDED
LED	**LED CLOCK – WALL MOUNTED** QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL

SECURITY/LIFE SAFETY

CAM	**VIDEO SURVEILLANCE CAMERA OUTLET WALL MOUNTED** QUAINTY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
	VIDEO SURVEILLANCE CAMERA OUTLET CEILING MOUNTED QUAINTY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
CAM	**VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL** QUAINTY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
SD	**SECURE DOOR** DENOTES A DOOR WITH CONNECTIVITY FOR STATUS SENSOR(S) AND LOCKING AND UN-LOCKING CAPABILITIES. X – WHERE UTILIZED WILL BE DEFINED ON SYSTEM DIAGRAM
DS	**DOOR STATUS SENSOR** DOOR STATUS SENSOR ALLOWS DOOR MONITORING WITH OR WITHOUT LOCKING PROVISIONS CABLE AS REQUIRED BY SYSTEM
DR	**DOOR RELEASE** DOOR RELEASE SWITCH ALLOWS MANUAL ACTUATION OF AN ELEC. DOOR LOCK. CABLE AS REQUIRED BY SYSTEM
KP	**KEYPAD** KEYPAD UTILIZED TO ACTUATE ACCESS TO A SECURE DOOR. CABLE AS REQUIRED BY SYSTEM
CR	**PROXIMITY CARD READER** QUANTITY ONE – (4) PAIR DATA CABLE Y = MODEL MAY BE A COMBINATION KEYPAD AND READER; SEE SPECIFICATION.
PS	**PANIC (DURESS) SWITCH** SWITCH UTILIZED TO MANUALLY ACTUATE ALARM AND/OR ACCESS CONTROL SYSTEM.
HO	**HOLD OPEN** QUANTITY ONE – (4) PAIR DATA CABLE Y = MODEL
	SHEAR TYPE DOOR LOCK REQUIRES 120V POWER
	ELECTRIC DOOR LOCK/STRIKE REQUIRES 120V POWER
SM	**SECURITY MONITOR** ONE DATA CABLE, PLUS OTHER SPECIAL A/V CABLES AS REQUIRED BY SYSTEM X = TYPE

TELECOMMUNICATIONS

	VOICE OUTLET; STANDARD X = QUANTITY OF - (4) PAIR VOICE CABLES CABLE (WITHOUT SUBSCRIPT) B = BLANK COVER. NO CONNECTORS OR CABLE
W	**VOICE OUTLET; WALL MOUNTED TELEPHONE** QUANTITY OF ONE - (4) PAIR VOICE CABLES CABLE (WITHOUT SUBSCRIPT)
	VOICE AND DATA OUTLET; STANDARD X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) B = BLANK COVER. NO CONNECTORS OR CABLE
F	**VOICE AND DATA OUTLET IN OFFICE FURNITURE** X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) F = FURNITURE MOUNTED
	DATA OUTLET; STANDARD X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT) Y = (B) BLANK COVER. (CH) COUNTER HEIGHT
WAP	**WIRELESS LAN ACCESS POINT OUTLET WALL MOUNTED** QUANTITY OF TWO - (4) PAIR DATA CAT6A CABLES
WAP	**WIRELESS LAN ACCESS POINT OUTLET CEILING MOUNTED** QUANTITY OF TWO - (4) PAIR DATA CAT6A CABLES
POS	**POINT OF SALE DATA OUTLET** X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT) SEE SYSTEM DIAGRAM FOR ADDITIONAL CABLING REQUIREMENTS
	ABOVE CEILING OUTLET X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT)
BAS	**BUILDING AUTOMATION SYSTEMS OUTLET** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDIATE OUTLET LOCATION WITH BUIDLING CONTROLS CONTRACTOR
FACP	**FIRE ALARM CONTROL PANEL** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH FIRE ALARM CONTRACTOR
ELEV	**ELEVATOR CONTROL OUTLET** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH ELEVATOR CONTRACTOR
EMER	**EMERGENCY TELEPHONE OUTLET** QUANTITY OF ONE - (4) PAIR VOICE CABLES (UNLESS OTHERWISE NOTED) COORDINATE OUTLET LOCATION WITH SECURITY SYSTEM CONTRACTOR
SP	**SECURITY ALARM PANEL OUTLET** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH SECURITY SYSTEMS CONTRACTOR

PATHWAY AND SPACES DEVICES

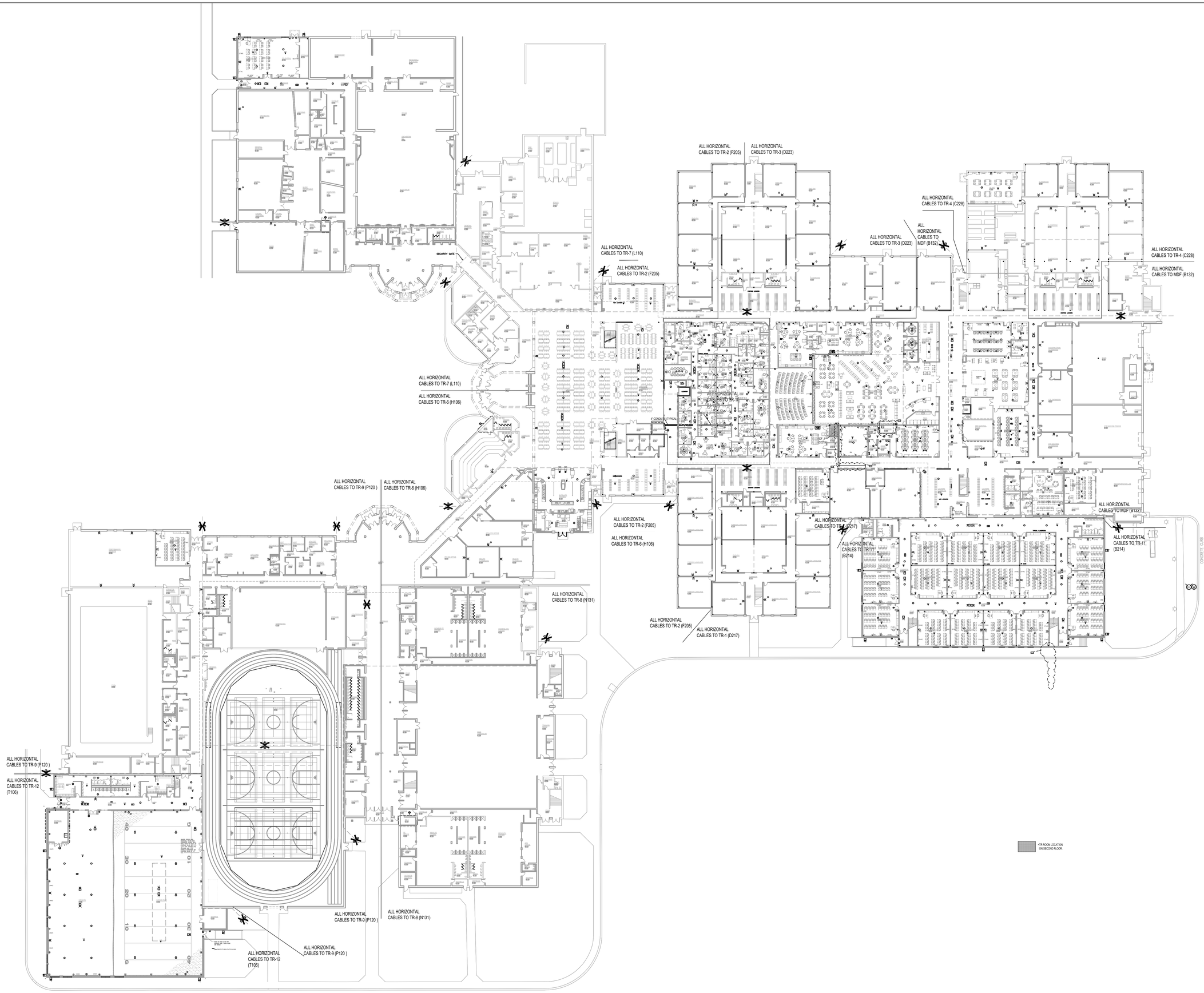
	TELECOMMUNICATION WALL LINING (BACKBOARD) 8' TALL, 4' WIDTH ¾" AC PLYWOOD; CUT TO FIT SPACE AS SHOWN PAINTED WITH FIRE RETARDANT WHITE PAINT
	LADDER RACK SIZE AS INDICATED 8' MOUNTING HEIGHT WHEN HORIZONTAL UON
4"	**FIRE RATED SLEEVE THROUGH WALL** 4" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING; ROUTE FROM ROOM TO ACCESSIBLE CEILING NOTE: PROVIDE WATERFALL DEVICE WHEN CABLE DROP IS GREATER THAN 6"
	SLEEVE THROUGH WALL 2" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING; ROUTE FROM ACCESSIBLE CEILING TO ACCESSIBLE CEILING NOTE; NOT ALL SLEEVES WILL BE SHOWN, ONLY ADDITIVE INSTANCES REQUIRED TO ACHIEVE DESIGN GOALS
	FIRE RATED SLEEVE THROUGH FLOOR 4" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING; ROUTE FROM ROOM TO ACCESSIBLE CEILING NOTE: PROVIDE WATERFALL DEVICE WHEN CABLE DROP IS GREATER THAN 6"
X	**POKE-THRU – FIRE RATED DEVICE** SEE ELECTRICAL DRAWINGS FOR POKE-THRU SIZE AND TYPE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
X	**FLOOR BOX – FLUSH TO FINISHED FLOOR** SEE ELECTRICAL DRAWINGS FOR FLOORBOX SIZE AND TYPE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	FURNITURE WHIP - WALL
W	**FURNITURE WHIP FROM FIRE RATED POKE THROUGH DEVICE** X = [WHERE X REPRESENTS A-C] POKE-THRU SIZE AND TYPE 1 1/4" WHIP FITTING MINIMUM
	TELEPOWER POLE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
J P	**JUNCTION/PULL BOX – WALL MOUNTED** SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER
J P	**JUNCTION/PULL BOX – FLOOR MOUNTED** SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER
	JUNCTION/PULL BOX – CEILING MOUNTED SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER

SCOPE OF WORK

(1) THE "T" SERIES DRAWINGS ARE BEING ISSUED FOR BOTH OF WORK AND FOR COORDINATION. THE SOUND AND SECURITY SYSTEMS DEVICES / EQUIPMENT AND SPECIAL SYSTEMS CABLING WILL BE ISSUED IN FUTURE BID PACKAGES. ALL SOUND AND SECURITY SYSTEM SYMBOLS SHOWN ON THE DRAWINGS THAT REQUIRE A CATEGROY RATED DATA CABLE, SHALL HAVE THE DATA CABLE AND RELATED TERMINATION HARDWARE INCLUDED WITH THIS BID.

(2) THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL OUTLET / JUNCTION BOXES, CONDUITS AND RACEWAY FOR ALL LOW VOLTAGE SYSTEMS. THIS WORK IS DEPICTED ON THE "E" AND "T" SERIES DRAWINGS.

(3) FOR COORDINATION PURPOSES, OCCASSIONALLY AN ITEM OF WORK MAY BE SHOWN ON THE E SERIES DRAWINGS AND THE T SERIES DRAWINGS. IN ADDITION, THE SAME WORK MAY BE INCLUDED ON MULTIPLE T SERIES DETAIL SHEETS FOR SIMILAR REASONS. REQUEST A CLARIFICATION FOR ANY ITEMS THAT APPEAR UNCLEAR AS TO QUANTITY OR CONTRACT RESPONSIBILITY. EXAMPLE: ELECRICAL DEVICES ARE SHOWN ON T SERIES DETAIL SHEETS FOR COORDINATION AND SPACING PUR



1 **TELECOMMUNICATIONS OVERALL FIRST FLOOR BUILDING PLAN**

SCALE: NOT TO SCALE

C:\USERS\BRIAN\DROPBOX\CROWN_POINT_COMMUNITY_SCHOOLS\HIGH SCHOOL\DRAWINGS\CROWN PT HS T100-400 PLAN DRAWING2-ADD3.DWG

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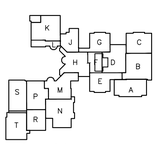
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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DATE 10/11/21
COORDINATED BY BKS
DRAWN BY TKP
CHECKED BY BKS

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
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Brian K Scott
BICSI ID # 114038
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DRAWING
TELECOMMUNICATIONS OVERALL FIRST FLOOR BUILDING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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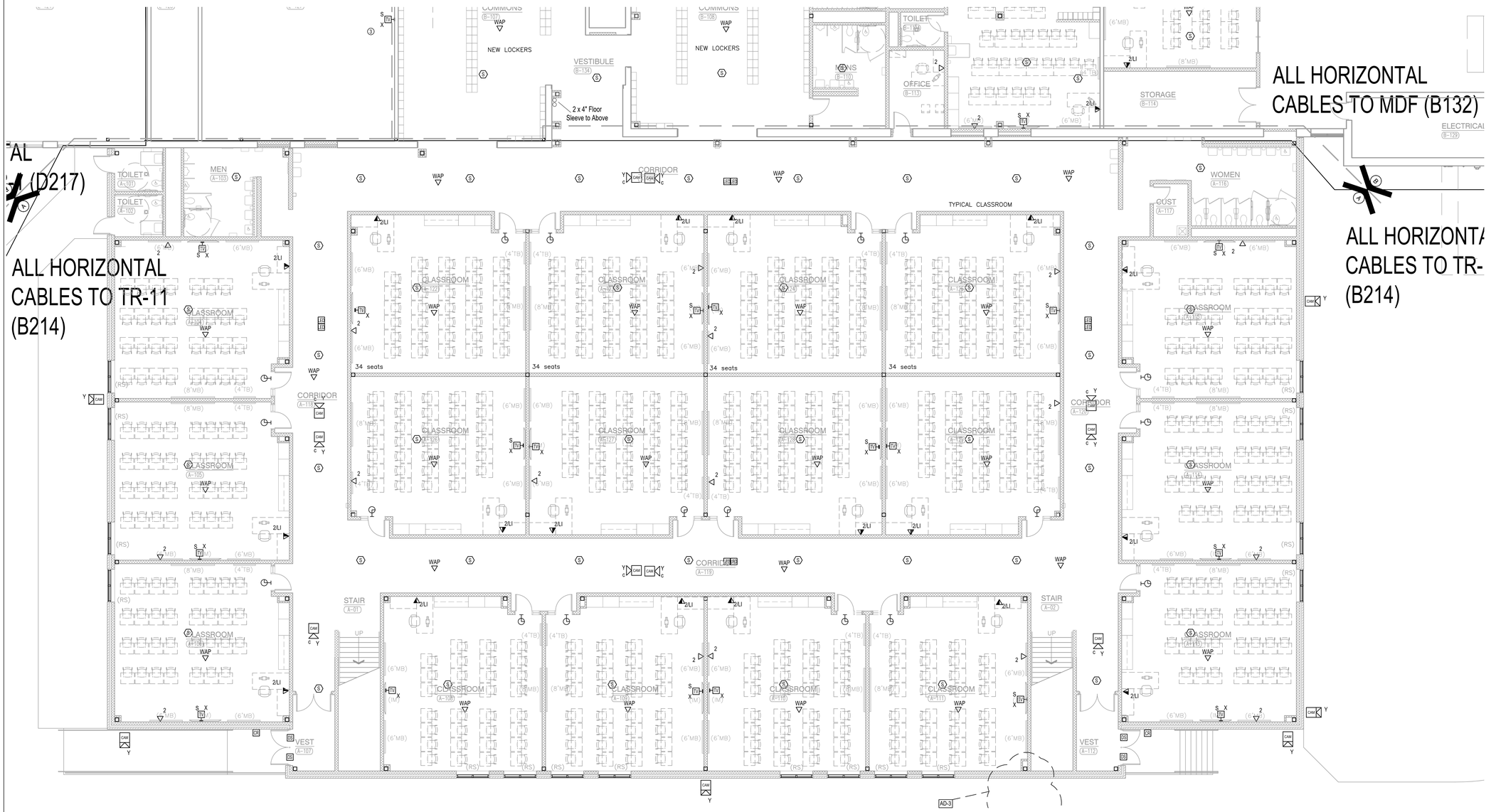
PLAN NOTES:

(ALL NOTES MAY NOT BE USED ON THIS SHEET.)

1. NEW TELECOMMUNICATION OUTLET(S) TO BE INSTALLED IN SURFACE RACEWAY WHERE REQUIRED.
2. EXISTING WIRELESS ACCESS POINT(S) TO BE RE-INSTALLED IN NEW CEILING.
3. PROVIDE A NEW 4 PAIR CAT 6 CABLE TO THE TR; SEE CABLE ZONING ON OVERALL PLAN. COIL NEW CABLE ON SUPPORT ABOVE THE CEILING FOR FUTURE TV.
4. EXISTING SECURITY CAMERA(S), TO BE RE-INSTALLED IN NEW CEILING.
5. EXISTING INTERCOM SPEAKER TO BE RE-INSTALLED IN NEW CEILING.
6. PROVIDE A NEW 4 PAIR CAT 6 CABLE TO THE TR; SEE CABLE ZONING ON OVERALL PLAN FOR PACE CLOCK



1 **TELECOMMUNICATIONS FIRST FLOOR PLAN - UNIT A**
SCALE: 1/8" = 1'-0"

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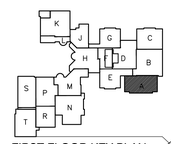
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA



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DRAWING
TELECOMMUNICATIONS FIRST FLOOR PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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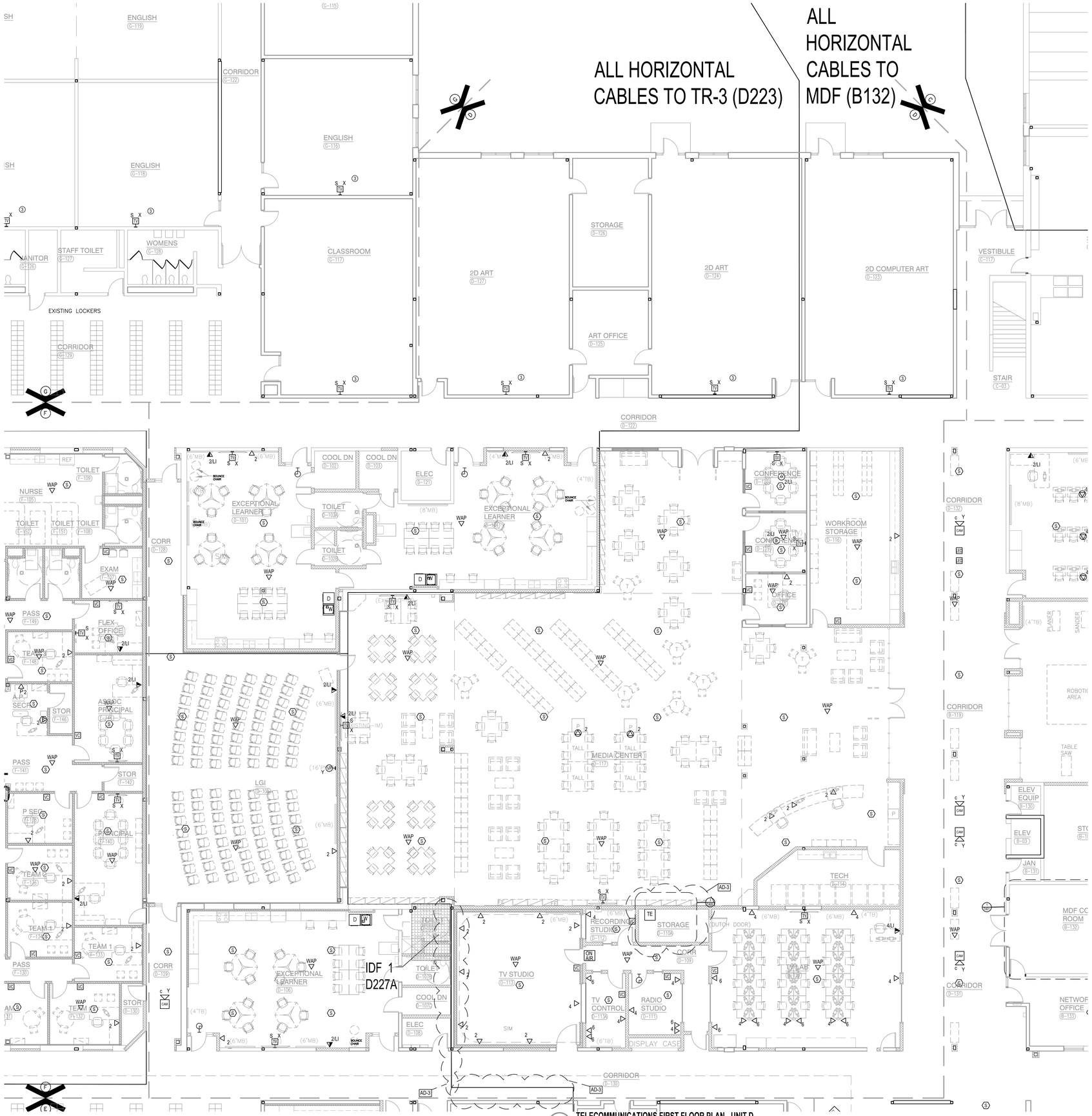

1 **TELECOMMUNICATIONS FIRST FLOOR PLAN - UNIT D**

SCALE: 1/8" = 1'-0"

PLAN NOTES:

(ALL NOTES MAY NOT BE USED ON THIS SHEET.)

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5. EXISTING INTERCOM SPEAKER TO BE RE-INSTALLED IN NEW CEILING.
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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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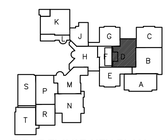
CROWN POINT, INDIANA



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DRAWING
TELECOMMUNICATIONS FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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1 **TELECOMMUNICATIONS SECOND FLOOR PLAN - UNIT D**

SCALE: 1/8" = 1'-0"

PLAN NOTES:

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

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DRAWING
TELECOMMUNICATIONS SECOND FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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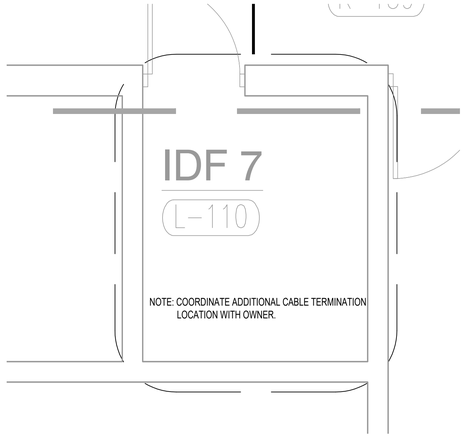
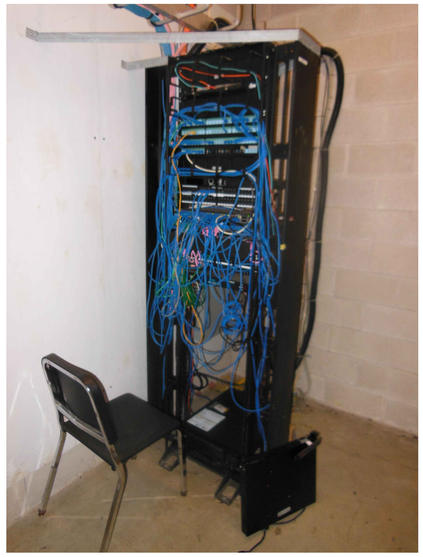
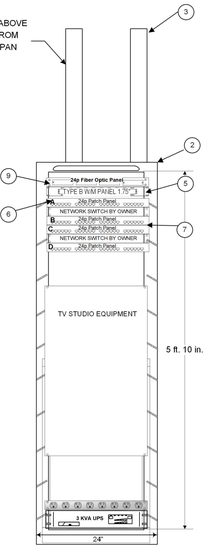


1 TELECOMMUNICATIONS ROOM (IDF 7) - ROOM L-110 PLAN VIEW (EXISTING ROOM F-118)
SCALE: NONE



2 TELECOMMUNICATIONS ROOM(IDF 7) L-110 Rack Layout
SCALE: NONE



Telecommunications Rack Type S3 (40 RU) Identification: TE-TV Room D-110A (See Floor Plan for Location)

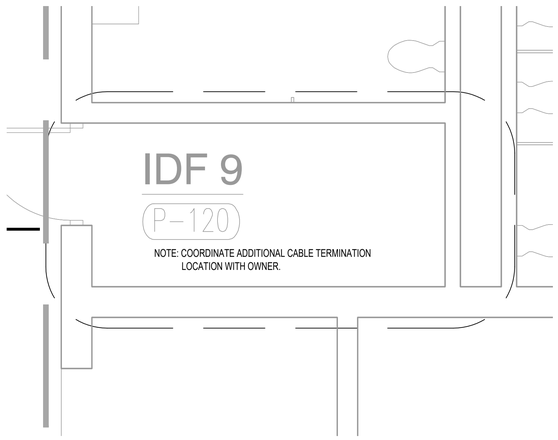
3 REMOTE WALL CABINET (TE TV) D-110A Rack Layout
SCALE: NONE

KEYED LEGEND: (THIS DETAIL)

1. THE TERM RACK SHALL REPRESENT CABINETS OR OPEN RACKS AS INDICATED AND SPECIFIED.
2. GROUND BAR MOUNTED ON REAR RAILS OF EVERY RACK. (TYPICAL)
3. CABLE TRANSITION FITTINGS AT EACH TRANSITION FROM CABLE SUPPORT TO RACK.
4. CABLE RUNWAY SUPPORT ABOVE EACH RACK.
5. WIRE MANAGEMENT PANEL. 1 OR 2 RU AS SHOWN. SEE SPECIFICATIONS FOR STYLE. (TYPICAL AS SHOWN)
6. PANEL IDENTIFIER APPLIED TO EACH PANEL. USE FOR SPECIFIC USE PANELS OR SEQUENTIAL FOR GENERAL HORIZONTAL CABLE USE; A, B, ETC.)
7. HORIZONTAL PATCH PANELS SHALL BE SUPPLIED IN QUANTITIES AS REQUIRED TO TERMINATE ALL CABLES AS INDICATED ON THE FLOOR PLANS.
8. VERTICAL POWER STRIP MOUNTED TO REAR RAILS.
9. FIBER OPTIC BACKBONE PANEL; SEE BACKBONE DIAGRAM FOR CABLE DESTINATION(S).
10. MULTI-PAIR COPPER BACKBONE; SEE BACKBONE DIAGRAM FOR CABLE DESTINATIONS.

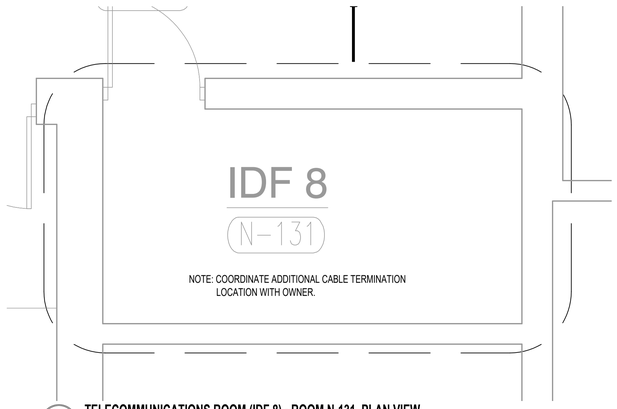
NOTES: (THIS PAGE)

1) RACKS AND/OR CABINETS ARE SHOWN SEPARATED FOR CLARITY. EXACT POSITIONING OF RACKS/CABINETS IS SHOWN ON THE ENLARGED FLOORPLANS.
2) ADJACENT RACKS AND/OR CABINETS SHALL BE GANGED TOGETHER UTILIZING MANUFACTURER'S RECOMMENDATIONS.
3) CABINETS SHALL REQUIRE SIDE PANELS AT THE END OF EACH ROW OR WHERE A CHANGE OF DEPTH EXPOSES A CABINET SIDE.
4) CABINETS SHALL BE PROVIDED WITH ALL ACCESSORIES AS SPECIFIED.
5) CABINETS ARE SHOWN AS 44 RU (AS STANDARD OF QUALITY). WHERE LISTED ALTERNATE CABINETS HAVE LESSER RU CAPACITY, RACK LAYOUT SHALL BE ADJUSTED BY REMOVING "OPTIONAL BLANKS" IN THE LAYOUT.
6) STANDARD RACKS ARE SHOWN AS 45 RU (AS STANDARD OF QUALITY). WHERE LISTED ALTERNATE RACKS HAVE LESSER RU CAPACITY, RACK LAYOUT SHALL BE ADJUSTED BY REMOVING "OPTIONAL BLANKS" IN THE LAYOUT.
7) VERTICAL AND HORIZONTAL WIRE MANAGER SHALL BE PROVIDED AS SHOWN IN THIS DETAIL AND ON THE ENLARGED FLOOR PLAN.



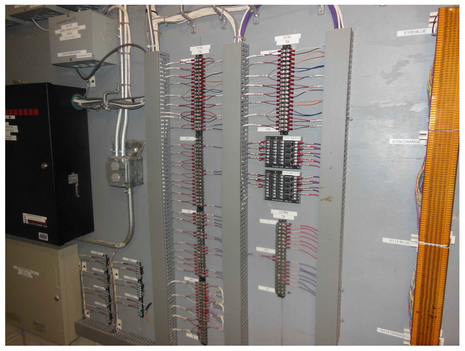
1 TELECOMMUNICATIONS ROOM (IDF 9) - ROOM P-120 PLAN VIEW (EXISTING ROOM G-147)
SCALE: NONE

2 TELECOMMUNICATIONS ROOM (IDF9) P-120 Rack Layout
SCALE: NONE



1 TELECOMMUNICATIONS ROOM (IDF 8) - ROOM N-131 PLAN VIEW (EXISTING ROOM G-126)
SCALE: NONE

2 TELECOMMUNICATIONS ROOM (IDF8)N-131 Rack Layout
SCALE: NONE



AD-3

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DRAWING
TELECOMMUNICATIONS ENLARGED PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

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CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
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CROWN POINT, INDIANA

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CONDUCTOR SIZING

Recommended Sizing of the Telecommunications Bonding Backbone Conductor (TBBC) and Grounding Equalizer (GE) per J-STD-607-A

The TBBC, BC, and BCT shall be copper conductors. The TBBC shall be sized at 2 kcmil per linear foot of conductor length up to a maximum size of a 3/0 AWG. The TBBC may be insulated. The Bonding conductor for Telecommunications (BCT) and Bonding Conductor (BC) shall be, as a minimum, the same size as the largest TBBC used.(1)

SIZE (AWG)	TBBC LENGTH LINEAR M (FT)	TBBC
	LESS THAN 4 (13')	6
	4-6 (14-20')	4
	6-8 (21-26')	3
	8-10 (27-33')	2
	10-13 (34-41')	1
	13-16 (42-52')	1/0
	16-20 (53-66')	2/0
	GREATER THAN 20 (66')	3/0*

The TEBC minimum conductor size shall be a No. 6 AWG.

*3/0 may not always be available. 4/0 is a more common size that may be substituted.
(1). Telecommunications Industry Association, Commercial Building Grounding (Earthing) and Bonding Requirements For Telecommunications, J-STD-607-A, October 2002.

ABBREVIATIONS

TR	= TELECOMMUNICATIONS ROOM
BBC	= BACKBONE BONDING CONDUCTOR
TBBC	= TELECOMMUNICATIONS BONDING BACKBONE CONDUCTOR
TEBC	= TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR
PBB	= PRIMARY GROUNDING BUSBAR
SBB	= SECONDARY GROUNDING BUSBAR
RBB	= RACK GROUNDING BUSBAR
ER	= EQUIPMENT ROOM
TBC	= TELECOMMUNICATIONSBONDING CONDUCTOR
EF	= ENTRANCE FACILITY

GROUNDING SYSTEM NOTES: (THIS DETAIL)

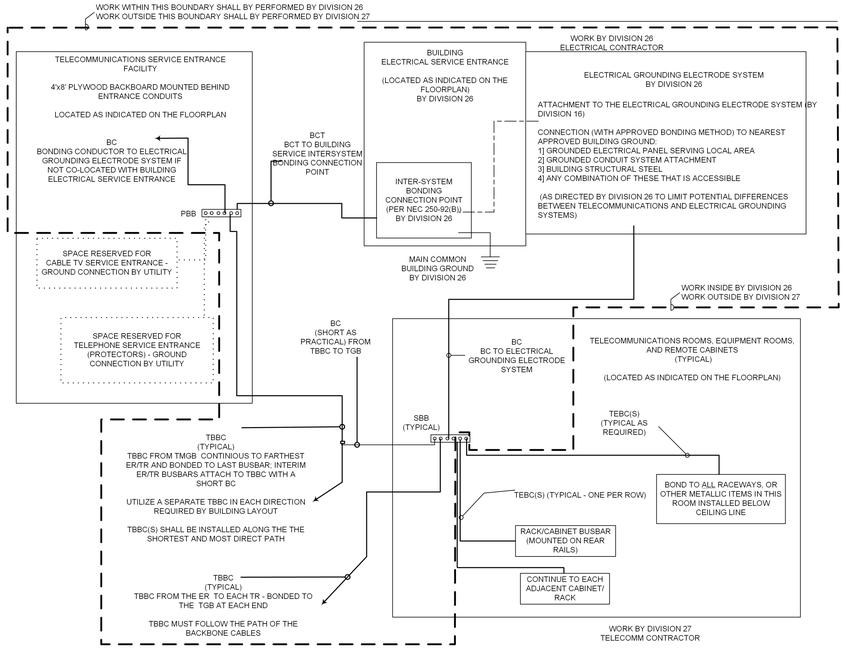
1] TBBC, TEBC, AND BC GROUNDING CONDUCTORS MUST BE INSTALLED IN COMPLIANCE WITH LOCAL CODES; THIS MAY REQUIRE INSTALLATION IN METALLIC CONDUIT IF RUN THROUGH PLENUM CEILING CAVITIES.

2] GROUNDING CONDUCTORS RUN THROUGH A CONDUIT SHALL BE BONDED TO THE CONDUIT AT EACH END.

3] ALL GROUND CONDUCTORS SHALL BE INSTALLED IN THE SHORTEST AND MOST DIRECT PATH PRACTICAL.

4] WHERE THE ENTRANCE FACILITY IS LOCATED IN THE ER, THE TMGB SHALL ALSO SERVE AS A TGB FOR THE ROOM; THE TBBCS REQUIRED FROM THE ER TO EACH TR ALONG THE BACKBONE CABLE PATH WILL ALSO BE USED TO CONNECT THE TGBS TO THE TMGB.

5] REMOTE CABINETS SHALL SUBSTITUTE A R/C BUSBAR IN PLACE OF THE TGB.



270526

2 TELECOMMUNICATIONS GROUNDING DIAGRAM
NTS

BACKBONE NOTES (THIS DETAIL)

1) BACKBONE CABLES ENTERING THE EQUIPMENT ROOM AND TELECOMMUNICATIONS ROOM(S) SHALL CONTINUE WITHIN EACH ROOM TO THEIR SPECIFIED TERMINATION POINT WITH ADEQUATE SERVICE LOOP (SEE NOTES THIS DETAIL).

2) NOT USED.

3) THIS DIAGRAM IS INTENDED TO SHOW BACKBONE CABLES REQUIRED BETWEEN MAJOR TERMINATION POINTS IN THIS PROJECT. THIS DIAGRAM IS NOT INTENDED TO INDICATE CABLE OR CONDUCTOR ROUTING OR TERMINATION METHODS OR LOCATIONS. UTILIZE DETAIL DRAWINGS AND FLOORPLANS FOR ADDITIONAL INFORMATION.

4) UNLESS OTHERWISE NOTED, BACKBONE TERMINATIONS SHALL BE AS FOLLOWS:

1] FIBER OPTIC CABLE WILL TERMINATE IN PATCH PANELS IN THE RACKS/CABINETS AT EACH END;

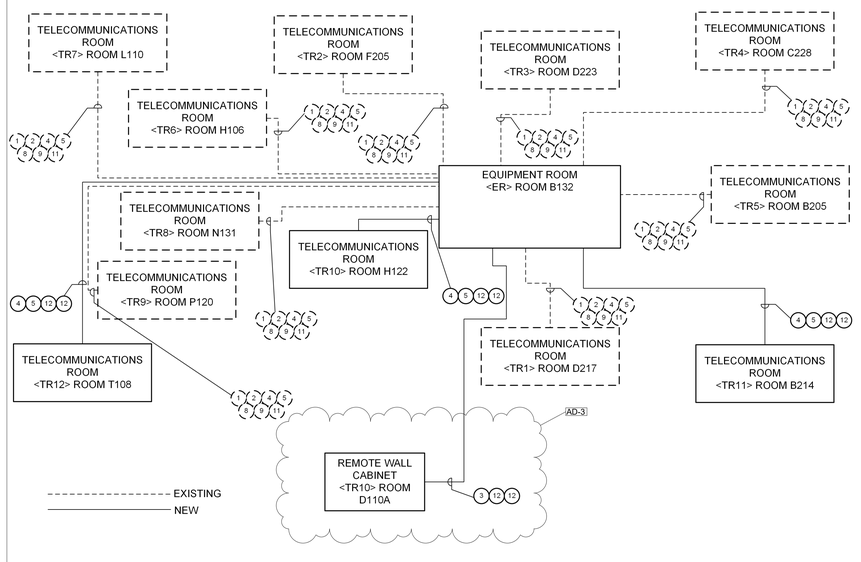
2] UTP COPPER (VOICE) BACKBONE CABLES SHALL TERMINATE ON PATCH PANEL(S) IN THE TRS AND ON 110 STYLE BLOCKS ON A BACKBOARD IN THE ER (CABLE FROM THE BUILDING ENTRANCE FACILITY TO THE ER BACKBOARD SHALL TERMINATE ON 110 STYLE BLOCKS AT BOTH ENDS);

3] VIDEO COAX CABLES SHALL TERMINATE ON BACKBOARDS AT EACH END COILED FOR ATTACHMENT DIRECT TO EQUIPMENT;

4] GROUNDING CONDUCTORS SHALL TERMINATE AT EACH END ON APPROPRIATE BUSBARS WITH 2 HOLE COMPRESSION LUGS.

BACKBONE LEGEND: (THIS DETAIL)

1. RG-11 VIDEO COAX
2. ½" HARDLINE COAX
3. 6 STRANDS MULTIMODE FIBER OPTIC CABLE
4. 6 STRANDS SINGLEMODE FIBER OPTIC CABLE
5. 12 STRANDS MULTIMODE FIBER OPTIC CABLE
6. 12 STRANDS SINGLEMODE FIBER OPTIC CABLE
7. 24 STRANDS SINGLEMODE FIBER OPTIC CABLE
8. 25 PAIR CATEGORY 3 UNSHIELDED TWISTED PAIR CABLE
9. 50 PAIR CATEGORY 3 UNSHIELDED TWISTED PAIR CABLE
10. 100 PAIR CATEGORY 3 UNSHIELDED TWISTED PAIR CABLE
11. 100 PAIR CABLE; INTERCOM SPEAKER EXTENSIONS
12. 4 PAIR UNSHIELDED TWISTED PAIR CABLE; CATEGORY 6



1 TELECOMMUNICATIONS BACKBONE DIAGRAM
NTS

BACKBONE CABLE CONSTRUCTION NOTES

PREFACE

1) CABLE CONSTRUCTION OPTIONS ARE AVAILABLE TO FIT MOST ENVIRONMENTS. IN DETERMINING THE PROPER CABLE CONSTRUCTION AND INSTALLATION METHOD, UTILIZE THE FOLLOWING GUIDELINES.

2) THE FOLLOWING ARE PRE-APPROVED GUIDELINES FOR SELECTION OF CONSTRUCTION TYPE AND INSTALLATION METHOD; ANY DEVIATION FROM THESE GUIDELINES SHALL REQUIRE CONSULTANT'S APPROVAL PRIOR TO WORK BEING PERFORMED.

A – INDOOR CABLES

1) COPPER CABLES UTILIZED INSIDE CLOSED CONDUIT SYSTEMS SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING.

2) COPPER CABLES USED IN INDOOR PATHWAYS SUCH AS J-HOOKS, LADDER RACK, CABLE TRAY, ETC., SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING. IF ANY PORTION OF THE CABLE(S) PASSES THROUGH A SPACE DEFINED AS A "PLENUM" AIR SPACE, THE CABLE(S) SHALL HAVE A MINIMUM "PLENUM" RATING (UL).

3) FIBER OPTIC CABLES UTILIZED INSIDE CLOSED CONDUIT SYSTEMS SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING. INNER-DUCT (TUBULAR OR TEXTILE) SHALL BE UTILIZED FOR CONDUITS LARGER THAN 3" TRADE SIZE.

4) FIBER OPTIC CABLES USED IN INDOOR PATHWAYS SUCH AS J-HOOKS, LADDER RACK, CABLE TRAY, ETC., SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING. IF ANY PORTION OF THE CABLE(S) PASSES THROUGH A SPACE DEFINED AS A "PLENUM" AIR SPACE, THE CABLE(S) SHALL HAVE A MINIMUM "PLENUM" RATING (UL). FIBER OPTIC CABLES SHALL BE INSTALLED WITHIN A TUBULAR INNER-DUCT CARRYING THE SAME RATING AS THE CABLE.

5) FIBER OPTIC CABLES IN INDOOR PATHWAYS MAY BE SUPPLIED WITH A FLEXIBLE ARMORED CONSTRUCTION WHICH WILL FULFILL THE INNER-DUCT REQUIREMENT.

6) NOT USED

B – OUTDOOR CABLING

1) CABLES UTILIZED WITHIN A PATHWAY WHERE THE CABLE IS SUBJECT TO MOISTURE AND FREEZING/THAWING CYCLES SHALL BE OF AN "OSP" GRADE. NOTE: ALL CABLING, ABOVE OR BELOW GROUND, CONNECTING TWO OR MORE FACILITIES (WITH THE EXCEPTION OF A TUNNEL PATHWAY) SHALL BE CONSIDERED TO BE IN A WET ENVIRONMENT. THIS IS INCLUSIVE OF ALL CONDUITS BELOW THE SLAB WITHIN THE PERIMETER OF A FACILITY.

2) CABLES USED IN OUTDOOR OVERHEAD (AERIAL) PATHWAYS SHALL BE SUPPORTED BY LASHING TO A MESSENGER STRAND (SIZED AND INSTALLED SO AS TO ALLOW LESS THAN PERCENT SAG) OR PLACED WITHIN A CABLE TRAY. THESE CABLES SHALL BE UN-RATED AND SHALL BE CLASSIFIED AS HAVING "AERIAL/DUCT" CONSTRUCTION.

4) PAIRED COPPER CABLES UTILIZED INSIDE CLOSED UNDERGROUND CONDUIT SYSTEMS SHALL INCORPORATE WATER BLOCKING TECHNOLOGY AND SHALL HAVE AN OVERALL SHIELD. THE SHIELD SHALL BE BONDED TO TELECOMMUNICATIONS GROUND (ALONG WITH THE PROTECTOR GROUND). (NOTE: A SHIELD ISOLATION SHALL BE CREATED IN ONE POINT ALONG THE ROUTE TO PREVENT A GROUND PATH BETWEEN BUILDINGS.)

5) FIBER OPTIC CABLES USED INSIDE CLOSED UNDERGROUND CONDUIT SYSTEMS SHALL INCORPORATE WATER BLOCKING TECHNOLOGY AND BE OF LOOSE-TUBE CONSTRUCTION. INNER-DUCTS SHALL BE UTILIZED (TUBULAR OR TEXTILE AS SPECIFIED) TO PROTECT THE CABLE FROM DAMAGE WITHIN THE CONDUIT.

6) NOT USED

C – COMBINATION OF INDOOR AND OUTDOOR CABLING

1) ALL REQUIREMENTS ABOVE APPLY TO THESE APPLICATIONS. THE FOLLOWING ITEMS ARE EXCEPTIONS AND KEY INFORMATION FOR PROPER APPLICATION.

2) CABLES THAT ARE UN-LISTED AND CONSTRUCTED FOR OSP USE SHALL TERMINATE WITHIN 50' OF THE BUILDING ENTRANCE.

3) CABLES THAT ARE UN-LISTED AND CONSTRUCTED FOR OSP USE SHALL NOT BE IN A "PLENUM" AIR SPACE. ENTRANCE CONDUITS MUST CONTINUE THROUGH THIS TYPE SPACE TO BE TERMINATED.

4) COPPER CABLES BETWEEN ANY TWO FACILITIES SHALL BE PROTECTED AT EACH END WITH GROUNDED PROTECTOR UNITS WITH GAS TUBE PROTECTORS ON EACH PAIR.

5) FIBER OPTIC CABLE MAY BE OF AN INDOOR/OUTDOOR CONSTRUCTION AND CARRY THE APPROPRIATE UL LISTING (OFNR OR OFNP) FOR THE ENVIRONMENT TO AVOID SPLICING AT THE BUILDING ENTRANCE(S).

6) COPPER CABLES UTILIZED WITHIN A UNDERGROUND PATHWAY WHERE THE CABLE IS SUBJECT TO MOISTURE AND NOT SUBJECT TO FREEZING/THAWING CYCLES (BETWEEN TWO POINTS WITHIN A FACILITY. THESE CABLES MAY BE OF INDOOR CONSTRUCTION (WITH APPLICABLE RATING) IN INSTALLED WITHIN A CONTINUOUS PROTECTIVE TUBULAR INNER-DUCT WITHIN THE CONDUIT PROTECTING IT FROM MOISTURE.

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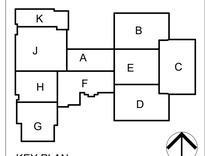
PROJECT:

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:

CROWN POINT COUMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA



KEY PLAN

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	11/04/21	ADDENDUM 3

DRAWING
TELECOMMUNICATIONS DIAGRAMS

PROJECT
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