ADDENDUM NO. 3

May 3, 2022

YOST ELEMENTARY SCHOOL ADDITIONS AND RENOVATIONS
Chesterton, IN 46304

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 March 31, 2022 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 3-3 and attached Addendum No. 3 from Gibraltar Design dated April 29, 2022 and consisting of 19 pages, Specification Section 10 75 00 - Flagpoles, Specification Section 28 31 63 - Fire Alarm and Detection Systems, Specification Section 32 31 13 - Chain Link Fence and Gates, Specification Section 33 05 31.27 - PVC Perforated Drain Pipe, Hardware Set 18A, and 96 Drawings.

A. SPECIFIATION SECTION 00 00 20 - TABLE OF CONTENTS

1. **Add:**

   Specification Section 10 75 00 - Flagpoles
   Specification Section 32 31 13 - Chain Link Fence and Gates
   Specification Section 33 05 31.27 - PVC Perforated Drain Pipe

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 - BUILDING DEMOLITION

1. **Add:**

   a. Clarification No. 6:
   The **Bid Category No. 1 Contractor** shall establish a subbase elevation of 632.00' once the building is demolished and engineered fill is placed. This will be the elevation at which the **Bid Category No. 2 Contractor** shall start to perform their scope of work as indicated on the Contract Documents.

   b. Clarification No. 7:
   The **Bid Category No. 2 Contractor** shall be responsible to remove and relocate the existing marquee sign / foundations along with the removal of all existing signs, posts and foundations as indicated on the Contract Documents. The **Bid Category No. 1 Contractor** shall be responsible to provide full removal of the existing tank near the existing Chiller as listed on the Contract Documents.

B. BID CATEGORY NO. 2 - SITEWORK/UTILITIES/PAVING

1. **Add:**

   a. Specification Section 32 31 13 - Chain Link Fence and Gates
   b. Specification Section 33 05 31.27 - PVC Perforated Drain Pipe

2. **Add:**

   a. Clarification No. 13:
   The **Bid Category No. 1 Contractor** shall establish a subbase elevation of 632.00' once the building is demolished and engineered fill is placed. This will be the elevation at which the **Bid Category No. 2 Contractor** shall start to perform their scope of work as indicated on the Contract Documents.

   b. Clarification No. 14:
   The **Bid Category No. 2 Contractor** shall be responsible to remove and relocate the existing marquee sign / foundations along with the removal of all existing signs, posts and foundations as indicated on the Contract Documents. The **Bid Category No. 1 Contractor** shall be responsible to provide full removal of the existing tank near existing Chiller and remove of as listed on the Contract Documents.

C. BID CATEGORY NO. 3 - GENERAL TRADES

1. **Add:**

   a. Specification Section 10 75 00 - Flagpoles

2. **Revise:**

   a. Clarification No. 3:
   Provide access roads on the exterior and inside the Buildings Units sufficient to support structural steel erection cranes as indicated on the contract documents. Within the building perimeter, provide access roads along with ramps at piers and footings, using drainage course material. Access roads are to be of a width and thickness equivalent to the volume of stone required for the entire building and located to accommodate steel erection. Coordinate all work with the MEPS. At the appropriate time, distribute stone as required for new construction of interior concrete slabs and as directed by the Construction Manager. Unless otherwise noted by the Construction Manager, remove all stone outside the building and remove all stone that, in the opinion of the Construction Manager, is too contaminated to reuse. Regarding the 200' x 100' construction trailers and material lay down area, The **Bid Category No. 3 Contractor** shall be responsible to provide the excavation of topsoil, geo fabric installation, and 8" of stone equal to an INDOT #53 coarse aggregate gradation. Final removal of the aggregate shall be as directed by the Construction Manager.

3. **Add:**

   a. Clarification No. 22:
   The **Bid Category No. 3 Contractor** shall provide all of the radius bike rack surface mounted fixture as indicated on the Contract Documents.

ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **New Newton Yost Elementary School** for Duneland School Corporation, Chesterton, 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.

ADDENDUM ONE - Correction

1. **Item No. 2 (Gibraltar Items) Specification Section 08 71 00 - Door Hardware**
   A. Add Hardware Sets 18A included in this Addendum.
   B. Change Hardware Set associated with door A-125A, B-134A, and C-119A to 18A.

SPECIFICATIONS

2. **Specification Section 05 50 00 Miscellaneous Metals**
   A. Add Paragraph 3.3, D, 2. to read as follows:

      "2. Where ladders are not wall mounted, provide two (2) 4-inch X 4-inch X 4-inch X 1/4 inch steel tubes behind ladder anchored to floor and structure above as required for ladder support."

3. **Specification Section 06 20 00 Finish Carpentry**
   A. Revise Paragraph 3.3.C.1. to read "Reception Desks in B-102."
   B. Revise Paragraph 3.3.C.2. to read "Circulation Desk in Media Center B-125."

4. **Specification Section 07 21 27 Enclosed Cavity Foamed Insulation**
   A. JM Corbond IV, Denver, CO is hereby approved to bid Enclosed Cavity Foamed Insulation for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.

5. **Specification Section 08 33 00 Rolling Doors**
   A. Revise Paragraph 1.4. as follows:
      A. Design Uniform Wind Load: In accordance with the requirements of Indiana Building Code applicable codes.
      B. Manual operation at Dishroom E-115..
      C. Electrically Operated at Serving E-107.
      D. Electrically Operated and Insulated door at Receiving B-128A."

B. Revise Paragraph 2.2.A.2.a. deleting reference to "minimum 0.025 Aluminum" in its entirety, door is to be stainless steel.

C. Delete Paragraph 2.2.B. 1. In its entirety.

D. Revise Paragraph 2.2.D. to read: "Housing: Provide 24 gage galvanized steel at exterior service doors and stainless Steel at Kitchen doors; internally reinforced to maintain rigidity and form."

E. Delete Paragraphs 2.3.C. and 2.3.D. in their entirety.

F. Revise Paragraph 2.4.A. as follows: "A. Ferrous Metals: Coat surfaces, except working machinery and galvanized steel, with a factory coat of rust inhibiting Primer. Provide manufacturers standard Powder Coat Finish, color to be selected from manufacturers full range of colors, by the architect."

G. Delete Paragraph 3.1.B. in its entirety.

6. Specification Section 09 51 00 Acoustical Ceilings

A. Delete Paragraph 1.1.C. and substitute new Paragraph 1.1.C. to read "C. Metal Ceiling Panel."

B. Add new Paragraph 2.4. to read as follows:

"2.4 Metal Ceiling Panel System

A . Acceptable Manufacturers: Armstrong World Industries, Inc. Lancaster, Pennsylvania.

B. System: Metalworks Clip-on, refer to Finish Legend color and size.

C. Visual Design: Butt Joint."

C. Add new Paragraph 2.5. to read as follows:

"2.5 Metal Perimeter Trim:

A. Manufacturers: Same as Ceiling Grid System.

B. Extruded-Aluminum Edge Moldings and Trim: Where indicated, provide manufacturer's extruded-aluminum edge moldings and trim of profile indicated or referenced by manufacturer's designations, including splice plates, corner pieces, and attachment and other clips, per manufacturer.

C. Aluminum Alloy, typical, baked-enamel finish to match ceiling grid system, refer to Finish Legend for color."

7. Specification Section 09 65 13 Resilient Flooring

A. Revise Paragraph 1.9. to read "Provide two (2) year warranty on materials and workmanship, including repairs and replacement of tile if glues bleed through tile joints."

8. Specification Section 09 84 00 Acoustical Wall and Ceiling Panels

A. Cardinal Complete, Columbus, OH is hereby approved to bid Abuse Resistant Acoustical Wall Panel for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.

9. Specification Section 10 11 00 Markerboards and Corkboards

A. Revise Paragraph 2.1 as follows:

B. Marsh by Polyvision Corp., New Philadelphia, Ohio.

1. Pro-Rite Markerboard.

B. Newline Products, Inc., Plano, Texas.

C. Claridge Products and Equipment, Inc., Harrison, Arkansas."

10. Specification Section 10 53 13 Metal Lockers

A. Lockers Manufacturing, Como, MS is hereby approved to bid Metal Lockers for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.

11. Specification Section 10 75 00 Flagpoles

A. Add section 10 75 00, Flagpoles, included in this addendum.

12. Specification Section 11 40 00 Foodservice Equipment

A. Item #46 – Island Work Table: Delete Paragraph k.

B. Item #56 – Combi Oven/Steamer (20 Pan): Add the following Note:

"NOTE: Existing Item to be reused and relocated to new kitchen per Foodservice documents. KEC responsible for secured offsite storage at their facility during construction. Refer to Section 11 40 00, Page 24, 3.0 Existing Equipment, for more information."

Item #59 – Double Stacked Convection Oven: Add the following Note:

"NOTE: Existing Item to be reused and relocated to new kitchen per Foodservice documents. KEC responsible for secured offsite storage at their facility during construction. Refer to Section 11 40 00, Page 24, 3.0 Existing Equipment, for more information."

13. Specification Section 11 61 33 Stage Curtains and Tracks

A. Substitute Paragraph 2.1.C. in its entirety with the following new 2.1.C. Paragraph:

"C. Curtains:

a. Acceptable Manufacturers: Provide product by one of the following:

1) Dazian LLC.

2) Frankel/Fabric One.

3) KM Fabrics, Inc.

4) Valley Forge Fabrics, Inc.

b. Curtain Fabric: IFR Synthetic Velour.

1) ACT Curtains: 25oz Charisma by KM Fabrics (design basis).

2) Double-Sided Upstage (Cyclorama) Curtains: Two - 16oz Athena by KM Fabrics (design basis).

3) Color, Texture, and Pattern: To be selected by Architect from manufacturers full range.

c. Weight Chain for Bottom Hems: 2/0 electrical weld twist link machine chain.

d. Linings not required.

e. Flameproofing by immersion process at the mill prior to fabrication.

1) Provide flameproof certificate at time of installation.

f. Provide fabric in full length of tracks plus 50 percent additional material for horizontal fullness."

14. Specification Section 12 32 16 Plastic Laminate Casework

A. Revise Paragraph 2.3.I. to read: "I. Countertops – Plastic Laminate"

B. Add new Paragraph 2.3.J. as follows, adjust remainder of paragraphs lettering accordingly:

"J. Countertops – Solid Surface.

A. Solid Surfacing: Solid, homogeneous polyester/acrylic resins and natural fillers. Colors and patterns as selected by the Architect. Minimum thickness of 1/2 inch. Adhesive as recommended by the manufacturer.

1. Fabricate the following items of solid surfacing material to dimensions, profiles, and shapes sown on the drawings.

a. Countertops: Provide cut-outs for sink units as required. Verify sizes and locations.

b. Integral Tops and Bowls: Where indicated for counter-top, provide cut outs for faucets, accessories, and drains as required. Verify sizes and locations.

2. Acceptable Manufacturers:

a. Corian as manufactured by E. I. DuPont de Nemours & Company, Inc., Corian Building Products, Wilmington, Delaware.

b. Gibraltar as manufactured by Wilsonart International, Temple, Tex.

c. Avonite as manufactured by Aristech Acrylics, LLC, Belen, New Mexico.

d. Formica Solid Surfacing as manufactured by Formica Corporation, Cincinnati, Ohio.

e. Centura as manufactured by Centura Solid Surfacing, Inc., Westfield, Indiana."

15. Specification Section 21 05 00 Fire Protection/Sprinkler System

A. Paragraph 1.02.B, Remove the following subparagraphs: 2, 3, and 9.

B. Paragraph 1.15.A, Remove the following sub-paragraphs: 7, 13, 15 and 19.

C. Remove paragraph 2.08 and all sub paragraphs in its entirety.

D. Remove paragraph 2.14 and all sub paragraphs in its entirety.

E. Remove paragraph 3.04 and all sub paragraphs in its entirety.

F. Remove paragraph 3.10.E and all sub paragraphs in its entirety.

16. Specification Section 23 62 13 Air Cooled Liquid Chiller

A. Add York/JCI to list of acceptable manufacturer in paragraph 2.01.A

17. Specification Section 27 15 13 Communications Copper Horizontal Cabling

A. In paragraph 2.3.D.1.a.5 – Delete "Standard of quality shall be Panduit CPPL24WBLY 24-Port Modular Patch Panel with Labels fully loaded with Panduit CJ6X88TGBL Category 6A Jack Modules." Replace with "Standard of quality shall be Hubbell HPJ24 24-Port Modular Patch Panel with Labels fully loaded with Hubbell NextSpeed Category 6A Jack Modules.

B. In paragraph 2.3.D.1.b.6 – Delete "Standard of quality shall be Panduit CPPL24WBLY 24-Port Modular Patch Panel with Labels fully loaded with Panduit CJ6X88TGBL Category 6A Jack Modules." Replace with "Standard of quality shall be Hubbell HPJ24 24-Port Modular Patch Panel with Labels fully loaded with Hubbell Category 6 Jack Modules.

18. Specification Section 28 31 63 Fire Alarm and Detection System

A. Replace Specification in its entirety with section 28 3163. Fire Alarm and Detection Systems, included in this addendum.

19. Specification Section 32 23 23 Fill

A. Revise Paragraph 3.02 A. to read:

"A. All excavated areas below new structures shall be filled with structural backfill to the bottom of footings, foundations or slabs on grade. Structural backfill shall consist of crushed aggregate bases **or INDOT B Borrow as defined in Section 211 of the INDOT Standard Specifications**, material compacted to 100% of the maximum dry density as determined by ASTM D698, Method C to provide a minimum safe bearing pressure of 3000 PSF."

Add Paragraph 3.02 C. to read:

1. "C. As noted in Section 5.4 of the "Report of Geotechnical Engineering Exploration", only sand and gravel or preferably crushed limestone (INDOT 53 gradation or similar) or lean concrete may be used in the footing areas."

20. Specification Section 32 31 13 Chain Link Fence & Gates

A. Add Specification Section 32 31 13, Chain Link Fence & Gates, included in this Addendum.

21. Specification Section 33 05 31.27 PVC Perforated Drain Pipe

A. Add section 33 05 31.27, PVC Perforated Drain Pipe, included in this addendum.

DRAWINGS

22. Sheet G-101 and G-102

Refer to revised full size drawing, included in this Addendum, for revised sheet index.

23. Sheet G-302

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

1. Add G4 to Partition Type "G"

24. Sheet C-02

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

1. Add note that references the removal of a metal post and sign at the entrance/exit on Beam St.
2. Add note that references the removal of all existing metal posts and signs on-site.

25. Sheet C-03

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

1. Add note that references the removal of a metal post and sign at the entrance/exit on Beam St.
2. Add note that references the removal of all existing metal posts and signs on-site.

26. Sheet C-05

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

1. Add Note 13 to "Construction Notes" section referencing the type of bicycle rack to be installed.
2. Add Note 14 to "Construction Notes" section referencing bicycle rack installation requirements.
3. Add Note 15 to "Construction Notes" section referencing bicycle rack installation requirements.
4. Add Note 16 to "Construction Notes" section referencing bicycle rack installation requirements.
5. Correct the weight per square yard number for the intermediate and compacted aggregate base layers of the "K3, Pavement Section, Heavy Duty" detail.

27. Sheet C-06

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

1. Add Note 13 to "Construction Notes" section referencing the type of bicycle rack to be installed.
2. Add Note 14 to "Construction Notes" section referencing bicycle rack installation requirements.
3. Add Note 15 to "Construction Notes" section referencing bicycle rack installation requirements.

4. Add Note 16 to "Construction Notes" section referencing bicycle rack installation requirements.
5. Correct the weight per square yard number for the intermediate and compacted aggregate base layers of the "K3, Pavement Section, Heavy Duty" detail.

28. Sheet C-07

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

1. Add Note 13 to "Construction Notes" section referencing the type of bicycle rack to be installed.
2. Add Note 14 to "Construction Notes" section referencing bicycle rack installation requirements.
3. Add Note 15 to "Construction Notes" section referencing bicycle rack installation requirements.
4. Add Note 16 to "Construction Notes" section referencing bicycle rack installation requirements.
5. Correct the weight per square yard number for the intermediate and compacted aggregate base layers of the "K3, Pavement Section, Heavy Duty" detail.

29. Sheet C-08

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

1. Add a 12'-0" Wide by 30'-0" Long bicycle parking area East of the gymnasium.
2. Add note to reference detail regarding the proposed bicycle parking.
3. Revise sidewalk dimensions to incorporate the addition of a bicycle parking area.
4. Add Note 13 in "Construction Notes" section referencing the type of bicycle rack to be installed.
5. Add Note 14 in "Construction Notes" section referencing bicycle rack installation requirements.
6. Add Note 15 in "Construction Notes" section referencing bicycle rack installation requirements.
7. Add Note 16 in "Construction Notes" section referencing bicycle rack installation requirements.
8. Correct the weight per square yard number for the intermediate and compacted aggregate base layers of the "K3, Pavement Section, Heavy Duty" detail.

30. Sheet C-09

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

1. Add Note 13 in "Construction Notes" section referencing the type of bicycle rack to be installed.
2. Add Note 14 in "Construction Notes" section referencing bicycle rack installation requirements.
3. Add Note 15 in "Construction Notes" section referencing bicycle rack installation requirements.

4. Add Note 16 in "Construction Notes" section referencing bicycle rack installation requirements.
5. Correct the weight per square yard number for the intermediate and compacted aggregate base layers of the "K3, Pavement Section, Heavy Duty" detail.

31. Sheet C-12

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

1. Adjust the proposed edge of pavement elevation from 633.27 to 633.15.

32. Sheet C-13

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

1. Revise proposed grades of the proposed bicycle parking area.
2. Revise proposed grades of "Section A: Swale".
3. Revise proposed grades near the dumpster enclosure location.
4. Add "Section B: West Flagpole" section view.
5. Add "Section C: East Flagpole" section view.

33. Sheet C-14

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

1. Add proposed grades for the proposed bicycle parking area.

34. Sheet C-17

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

1. Add "Section A: Media Center Drain Tile" section view.
2. Add Note "See Section A: Media Center Drain Tile".
3. Add 29 LF of 6" D.I. A-2000 Perforated HDPE pipe at the East wall of the Media Center from the Media Center exit to the proposed 6"x6" tee.
4. Add 22 LF of 6" D.I. A-2000 Perforated HDPE pipe at the East wall of the Media Center from the Southeast corner of the Media Center to the proposed 6"x6" tee.
5. Add a 6"x6" tee with 4 LF of 6" D.I. A-2000 Perforated HDPE pipe that is to connect to STR. No. 33.
6. Add "6" D.I. A-2000 Perforated HDPE Pipe" Detail.

35. Sheet C-18

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

1. Add proposed telecommunications conduits and pull boxes to reference Technology Plans Sheet TS100.

36. Sheet C-20

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

1. Relocate proposed trees in accordance with the addition of flagpole sidewalk.
2. Add six bollards at the dumpster enclosure location.
3. Add "Solid Line, Yellow, 8"" to Legend as Item 47B.
4. Widen the yellow painted hatch at a width of 8" an additional 4'.
5. Add note to reference the relocation of the existing "Yost Elementary School" marquee sign.

37. Sheet C-21

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

1. Add "Temporary Stone Construction Entrance" detail.
2. Add "Rip Rap Outlet Protection" detail.
3. Add sandbag or filter tube runoff protection at all flared end sections.

38. Sheet C-24

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

1. Correct the weight per square yard number for the intermediate and compacted aggregate base layers of the "K3, Pavement Section, Heavy Duty" Detail.

39. Sheet C-25

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

1. Add "Radius Bicycle Rack – Surface Mount" Detail.
2. Remove note to reference Fire Protection Plans regarding fire protection connection as revised on Addendum #2.
3. Add "Long Side Vault Detail Notes" section.
4. Add "Short Side Vault Detail Notes" section.
5. Add "25' Flagpole" Detail.

40. Sheet S-201D

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

1. Interior walls at Family restroom adjusted.
2. Note 6 added regarding alternate bid partition wall.

41. Sheet S-203A

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

1. New section reference 14/S-413 added at classroom wing end rake at north and south end.
2. New section reference 15/S-413 added at east side recessed entry.
3. New section reference 6/S-414 added at transition to overbuild trusses along grid line 27

42. Sheet S-203B

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

1. New section reference 13/S-413 added for rake condition at grid lines 10 and 22.
2. Beam size changed at steel beam on grid line 'N' between grid lines 18 and 19.
3. New section reference 4/S-414 added for overbuild areas at transition to low roof.

43. Sheet S-203C

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

1. New section reference 14/S-413 added at classroom wing end rake at north and south end.
2. New section reference 1/S-414 added at east side recessed entry

44. Sheet S-203D/E

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

1. New section reference 10/S-413 added to show alternate bid canopy beams at north wall of kitchen.
2. (2) beam and plate lintels deleted on north wall.
3. New section reference 2/S-414 added at east wall (Girls RR) rake condition.
4. New section reference 3/S-414 added at east entry vestibule exterior wall at rake condition.
5. New section reference 7/S-414 added at transition to overbuild.
6. New section reference 8/S-414 added at northwest entry. Beam and plate originally shown and replaced with new framing as indicated in section.
7. Section reference 10/S-412 added at west wall.

45. Sheet S-204B

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

1. Unit B Roof Framing at Entry – Enlarged Plan: Note regarding "Aerolon" added, applicable to all locations where exterior beams penetrate the building insulation envelope.
2. High Roof Framing Plan Unit B: Framed opening added for roof hatch.

46. Sheet S-204D

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

1. New section reference 11/S-413 added at east and west walls of mezzanine roof framing.
2. New section reference 12/S-413 added at south wall of mezzanine roof framing. Similar section applies at the north wall.
3. Mezzanine roof shelf angles at east and west walls changed to L8x4x7/16.
4. Section reference 9/S-412 added to south wall of Gymnasium.

47. Sheet S-301

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

1. Section 3:
    a. Truss top chord extension graphically correct to not extent beyond outside face of studs.
    b. New section reference 13/S-413 added for typical rake condition at overbuild.
    c. New section reference 16/S-413 added for typical eave condition at overbuild.
2. Section 5:
    a. New section reference to 4/S-414 added.
    b. Continuous bent plated added at truss bearing on grid line 'D.5'

48. Sheet S-410

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

1. Detail 16 updated.

49. Sheet S-411

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

1. Section 11 – Elevation corrected to say "T/Bond Beam" in lieu of "Joist Bearing".

50. Sheet S-413

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

1. New Sections 10, 11, 12, 13, 14, 15 and 16 added.

51. Sheet S-414

Add Sheet S-414, included in this Addendum, to the Construction Documents.

52. Sheet A-101

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

1. Remove Note 5 outside Door A-125A added in Addendum One.
2. Plan Notes: Revise note 30 to clarify top and bottom elevations.
3. Plan Notes: Revise note 49 to clarify Base Bid and Alternate scope.
4. Plan Notes: Add Note 53 to read "Flag Pole, refer to Civil for exact location" with detail reference to 14/A-501.

53. Sheet A-102

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

1. Add flagpole and Note 53 to the exterior of Workroom B-105.
2. Remove Note 5 adjacent to Door B-134A.

3. Plan Notes: Revise note 30 to clarify top and bottom elevations.
4. Plan Notes: Revise note 49 to clarify Base Bid and Alternate scope.
5. Plan Notes: Add Note 53 to read "Flag Pole, refer to Civil for exact location" with detail reference to 14/A-501.
6. Change Partition Type E3 to G4 at all walls of Vest B-101.

54. Sheet A-103

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

1. Remove Note 5 outside Door C-119A added in Addendum One.
2. Plan Notes: Revise note 30 to clarify top and bottom elevations.
3. Plan Notes: Revise note 49 to clarify Base Bid and Alternate scope.
4. Plan Notes: Add Note 53 to read "Flag Pole, refer to Civil for exact location" with detail reference to 14/A-501.

55. Sheet A-104

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

1. Change Family Restroom D-110 to Storage D-110.
2. Remove plumbing fixtures, restroom accessories, and chase walls from Storage D-110.
3. Reverse Door D-110A in room.
4. Door D-105A and wall between Storage D-110 and Stair D-105A become part of Alternate with Plan Note 49.
5. Label Bus Drop-Off Canopy and Parent Drop-Off Canopy to clarify alternates.
6. Plan Notes: Revise note 30 to clarify top and bottom elevations.
7. Plan Notes: Revise note 49 to clarify Base Bid and Alternate scope.
8. Plan Notes: Add Note 53 to read "Flag Pole, refer to Civil for exact location" with detail reference to 14/A-501.
9. Change Partition Type E3 to G4 at all walls of Vestibule D-101.

56. Sheet A-105

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

1. Remove storefront E-106C and E-106F.
2. Label Parent Drop-Off Canopy to clarify alternates.
3. Plan Notes: Revise note 30 to clarify top and bottom elevations.
4. Plan Notes: Revise note 49 to clarify Base Bid and Alternate scope.
5. Plan Notes: Add Note 53 to read "Flag Pole, refer to Civil for exact location" with detail reference to 14/A-501.
6. Change Partition Type E3 to G4 at all walls of Vestibule E-101.

57. Sheet A-201

Refer to revised full size drawing, included in this Addendum, for revised insulation

thickness for roof type E.

58. Sheet A-312

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

1. Exterior Elevation 3/A-312: Remove (2) exterior storefronts and associated control joints.

59. Sheet A-313

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

1. Exterior elevation under canopy 6/A-313:
   a. Remove (2) exterior storefronts and associated control joints.
   b. Extend B2B band through previous storefront location.

60. Sheet A-401 and A-402

Refer to revised full size drawings, included in this Addendum, for the following revisions:

1. Add note to clarify height of interior stud walls.

61. Sheet A-412

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

1. Wall Section 3/412: Add acoustical sound baffle panels to inside of Mechanical yard screen wall.

62. Sheet A-413

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

1. Wall Section 1/413: Change brick to CMU with Vestibule.

63. Sheet A-415

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

1. Wall Sections 1/415 and 3/415: Install damp proofing on wall below slab where other side of wall is above slab.

64. Sheet A-418

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

1. Wall Section 3/418: Change brick to CMU with Vestibule.

65. Sheet A-420

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

1. Wall Sections 1/420 and 2/A-420: Change brick to CMU with Vestibule and add sealant between CMU and gypsum board above.

66. Sheet A-431

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

1. Ramp and Stair First Floor Plan 1/A-431: Extend Alternate to include door and wall north of stair.

67. Sheet A-501

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

1. Add flagpole section detail as 14/A-501 in place of Not Used.
2. Locker Elevations A and B 1/A-501 and 2/A-501: Swap elevations to align with equipment plan labels.

68. Sheet A-601

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

1. Remove Door E-106C and E-106F completely from schedule.
2. Remove Notes 1 and 2 from Doors A-125A, B-134A, C-119A.
3. Door Schedule Notes (Remarks): Add Note 15 to read: "Door is part of an Alternate".
4. Add Note 15 to Door D-105A.

69. Sheet A-640

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

1. Aluminum Window Elevations (W) 1/A-640: Add Note 8 to Notes-Aluminum Windows (W) to clarify Base Bid and Alternate.

70. Sheet A-701, A-702, A-703, A-704, A-705

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

1. Noted change of Projectable markerboard and markerboard.

71. Sheet A-720

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

1. Enlarged Restroom Plan 4/A-720: Relocate mirrors and Note 8 to the North wall of Restrooms.
2. Enlarged Restroom Plan 5/A-720: Remove Feminine Napkin Disposer and Note 11 in T A-105 and T A-106.
3. Enlarged Restroom Plan 6/A-720: Remove Feminine Napkin Disposer and Note 11 in T A-121 and T A-122.
4. Enlarged Restroom Plan 7/A-720: Add Feminine Napkin Disposer and Note 11 in RR A-108 and RR A-109.
5. Enlarged Restroom Plan 8/A-720: Add Feminine Napkin Disposer and Note 11 in RR C-112 and RR C-113.

6. Enlarged Restroom Plan 9/A-720: Add Feminine Napkin Disposer and Note 11 in Toilet B-110, Toilet B-111, and Toilet B-113..
7. Enlarged Restroom Plan 10/A-720: Add access panel with Note 20 and Feminine Napkin Disposer with Note 11 in Toilet B-140A.
8. Enlarged Restroom Plan 11/A-720: Add Feminine Napkin Disposer and Note 11 in Toilet B-115A.
9. Enlarged Restroom Plan 12/A-720:
    a. Change Family Restroom D-10 to Storage D-110.
    b. Remove all plumbing fixtures, restroom accessories, and chase.
    c. Relocate access panel to Family Restroom D-111 on north wall of chase to remain.
    d. Add Feminine Napkin Disposer and Note 11

72. Sheet A-730

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

1. Note changes to base cabinet; change combination base unit with base doors only unit.
2. Note changes to casework schedule; corrected model numbers.

73. Sheet A-801

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

1. Plan note change. Omit tackable wall and wallcovering in classroom.
2. Room finish note change in classrooms.

74. Sheet A-802

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

1. Plan note change. Omit tackable wall and wallcovering in classroom.
2. Room finish note change in classrooms and Admin.

75. Sheet A-803

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

1. Plan note change. Omit tackable wall and wallcovering in classroom.
2. Room finish note change in classrooms.

76. Sheet A-804

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

1. Note room change of purpose D-110; change from restroom to storage room.

77. Sheet A-820

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

1. Note change of ceiling.

78. Sheet A-861

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

1. Note removal of windows from north wall in Cafeteria.

79. Sheet A-901 Through A-905

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

1. Add General Note J referring to finish legend for acoustical ceiling tile basis-of-design and clarification of installation.
2. Revise Reflected Ceiling Plan Keyed Note 14 to clarify.

80. Sheet A-905

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

1. Add note 14 to each of the shaded areas of Cafeteria E-106.

81. Sheet MP102

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

1. Revised CHWS&R pipe sizes
2. Revised HWS&R pipe sizes

82. Sheet MV104

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

1. Removed exhaust grille and ductwork.

83. Sheet M-501

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

1. Revised schedule data for TEF-8.

84. Sheet P-103

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

1. Update graphics to depict underground work.

85. Sheet P-104

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

1. See the revised sheet for the piping revisions under Storage D-110.

86. Sheet P-204

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

1. See the revised sheet for the piping revisions in Storage D-110.

87. Sheet P-602

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

1. See the revised sheet for revised riser diagram.

88. Sheet P-603

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

1. See the revised sheet for revised riser diagram.

89. Sheet FP-001

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

1. See revised sheet for the removal of the storz connection and associated piping.

90. Sheet E-002

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

1. Revise Flag Pole lighting designation
2. Delete signage requirement at front of site entry
3. Refer to revised drawing for additional information.

91. Sheet EL-104

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

1. Revise lighting in Storage D-110. Refer to revised drawing for additional information.
2. Revise text for canopy east of Vestibule D-101. Refer to revised drawing for additional information.

92. Sheet EL-105

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

1. Revise text for canopy north of cafeteria. Refer to revised drawing for additional information.

93. Sheet EP-101

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

1. Revise circuit designation for IT Room cooling equipment. Refer to revised drawing for additional information.

94. Sheet EP-103

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

1. Revise circuit designation for IT Room cooling equipment. Refer to revised drawing for additional information.

95. Sheet EP-104

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

1. Revise power layout in Storage D-110
2. Add Projector screen control cabinet to Platform D-105
3. Refer to revised drawing for additional information.

96. Sheet EP-201

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

1. Revise circuit designation for IT Room cooling equipment. Refer to revised drawing for additional information.

97. Sheet E-507

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

1. Revise EM-TECH-DP MCB to 110A and associate upstream breaker in SB-L Panel. Refer to revised drawing for additional information.

98. Sheet E-601

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

1. Revise electrical one-line diagram indicating EM-Tech panels and associated UPS Unit. Refer to revised drawing for additional information.

99. Sheet E-602

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

1. Revise electrical exterior fixture schedule. Refer to revised drawing for additional information.

100.Sheet E-603

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

1. Revise electrical interior lighting schedule. Refer to revised drawing for additional information.

101.Sheet E-608

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

1. Revise connection schedule. Refer to revised drawing for additional information.

102.Sheet T-001

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

1. Updated Scope of Works Notes

103.Sheet T-100

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

revisions:

1. Sheet Note added: Added space names and numbers.
2. Corridor A110: Added cable tray information.
3. Corridor B-135: Extended conduit sleeves to cable tray proximity.
4. Corridor C-101: Added cable tray information

104.Sheet T-101 through T-105

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

1. Sheet Note added: Shifted classroom projector locations to align with new marker board layout.

105.Sheet T-102

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

1. Sheet Note added: Extended conduit sleeves to cable tray proximity (also noted on Sheet T-100)

Pages 1 through 19, inclusive, Specification Sections 10 75 00, 28 31 63, 32 31 13, 33 05 31.27, Hardware Set 18A, and Ninety-Six (96) Full-Size Drawings, constitute the total makeup of **Addendum Three**.

GIBRALTAR DESIGN

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SECTION 10 75 00
FLAGPOLES

PART 1 - GENERAL

1.01 WORK INCLUDES

A. Provide aluminum flagpole(s) as shown on drawing and as specified herein, with components as needed for a complete installation.

1.02 PERFORMANCE REQUIREMENTS

A. Structural Performance: Provide flagpoles capable of withstanding the effects of wind loads as determined according to NAAMM FP 1001-07, "Guide Specifications for Design of Metal Flagpoles", or to specified wind speed, whichever is more stringent.

B. Flagpole Design: Base design on maximum standard size nylon flag suitable for use with pole or flag size indicated, whichever is more stringent.

1.03 SUBMITTALS

A. Product Data: For each type of flagpole required, submit manufacturer's technical data and standard installation instructions.

B. Shop Drawings: Show general layout, jointing, anchorage, support systems, and accessories.

C. Samples: Finish samples for each finished metal used on flagpoles, as may be required.

1.04 DELIVERY, STORAGE, AND HANDLING

A. General: Spiral wrap flagpoles with a heavy Kraft paper or other lightweight wrapping and enclose in a hard fiber tube or other protective means. Store bare flagpoles in a dry location, protected from the weather and moisture, as recommended by the manufacturer.

B. Shipping: Ship to project site in one piece or as specified. If more than one piece is necessary, provide snug fitting precision joints with self-aligning, internal splicing sleeve arrangements for weather tight, hairline field joints.

PART 2 - PRODUCTS

2.01 FLAGPOLE TYPE AND CONSTRUCTION

A. Aluminum Flagpole Construction: Fabricate from seamless, extruded tubing complying with ASTM B 221, alloy 6063-T6, having a tensile strength not less than 30,000 psi with a yield point of 25,000 psi. Heat treat after fabrication to comply with ASTM B 597, temper T6.

1. Provide cone-tapered flagpoles, per manufacturer's standard rate of taper.

B. Assembly Construction: External Single Revolving - Rope Halyard - Ground Set Foundation.

C. Pole shall be Concord American Flagpole Model No. ESS25B31-SAT or approved equal.

D. ¾" diameter Copper Clad Ground Rod, #6 Stranded soft drawn ground wire.

2.02 MOUNTING

A. Foundation Tube: 16 Gauge galvanized corrugated foundation sleeve sized to suit flagpole and installation.

2.03 FITTINGS

A. Finial (Ornament): Finial sized as indicated or, if not indicated, to match pole butt diameter. Finial shall be Gold Anodized Aluminum Ball.

B. Single Stationary Truck Assembly: Cast aluminum non-fouling with single pulley and pin, provided with three set screws for attachment to pole.

C. Halyard: Provide one (1) continuous 5/16" (#10) polyester halyard.

D. D. Halyard Flag Snaps: Provide two (2) nickel plated zinc swivel flagsnaps with neoprene covers.

E. Cleat(s): Provide one (1) heavy-duty cast aluminum cleat (9") with stainless steel attaching screws.

F. Flash Collar: Provide Spun Aluminum Collar to match flagpole.

2.04 MISCELLANEOUS MATERIALS

A. Concrete shall comply with requirement of applicable3 portions of INDOT Standard Specifications, Section 604.

B. Concrete mix shall be INDOT Class A.

2.05 FINISHES

A. Metal Finishes, General: Comply with National Association of Architectural Manufacturers' (NAAMM) "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Finish: Shall be Satin finish.

C. Finish Specifications (Satin, Anodized, and Powder Paint Finishes): Aluminum Finish designations prefixed by AA conform to the system established by the Aluminum Association for designating aluminum finishes.

1. Natural Satin Finish: Provide directional-sanded satin finish (AA-M33); buff complying with AAM20.

PART 3 - EXECUTION

3.01 PREPARATION

A. Excavation: For foundations, excavate to neat clean lines in undisturbed soil. Remove loose soil and foreign matter from excavation and moisten earth before placing concrete.

B. Foundation: Provide forms where required due to unstable soil conditions and for perimeter of flagpole base at grade. Secure forms and galvanized steel ground sleeve foundation tube in position, braced to prevent displacement during concreting. Place concrete immediately after mixing. Compact concrete in place using vibrators. Moist-cure exposed concrete for not less than 7 days or use a non-staining curing compound. Trowel exposed concrete surfaces to a smooth, dense finish, free of trowel marks and uniform in texture and appearance. Provide positive slope for water runoff to base perimeter. Refer to detail on plan sheets.

3.02 FLAGPOLE INSTALLATION

A. General: Install flagpoles where shown and according to shop drawings and manufacturer's written instructions.

B. Foundation Tube Installation: Install flagpole in foundation tube, seated on bottom plate between steel centering wedges. Plumb flagpole and install hardwood wedges to secure flagpole in place. Place and compact sand in foundation tube to within 2" of the top of tube. Remove hardwood wedges and seal top of foundation tube with a 2-inch (50 mm) layer of elastometric sealant or cement and cover with flashing collar.

C. Install ¾" diameter ground rod as shown in plan sheet details. #6 AWG stranded soft drawn ground wire shall be connected to flag pole by Aluminum lug welded to pole. #6 wire shall be connected to ground rod with cad weld.

END OF SECTION

DIVISION 26 – ELECTRICAL
Section 28 31 63 – Fire Alarm and Detection System

1.00 PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY:

A. Section Includes:

1. Fire-alarm control unit.
2. Manual fire-alarm boxes.
3. System smoke detectors.
4. Heat detectors.
5. Notification appliances.
6. Magnetic door holders.
7. Remote annunciator
8. Addressable interface device.
9. Digital alarm communicator transmitter.
10. System printer.

1.03 SYSTEM DESCRIPTION:

A. Non-coded, UL Listed intelligent analog addressable system, with multiplexed signal transmission and survivable network nodes. The entire system shall be UL2572 Listed Mass Notification System and IP network.

B. The System supplied under this specification shall utilize node-to-node, direct wired, multi priority peer-to-peer network operations. The system shall utilize independently addressed, input-output modules, and audio amplifiers as described in this specification. The peer-to-peer network shall contain multiple nodes consisting off the main panel, controller, remote control panels, and LCD panels. Each panel shall be an equal, active functional member of the network, which is capable of making all local decisions and generating network tasks to other panels in the event of panel failure or communications failure between panels. Master/slave system configurations shall not be considered as equals.

1.04 SUBMITTALS:

A. The Contractor shall purchase no equipment for the system specified herein until the Owner has approved the project submittals in their entirety and has returned them to the contractor. It is the responsibility of the contractor to meet the entire intent and functional performance detailed in these specifications. Approved submittals shall only allow the contractor to proceed with the installation and shall not be construed to mean that the contractor has satisfied the requirements of these specifications. The Contractor shall submit three (3) complete sets of documentation within 30 calendar days after award of purchase order.

B. Each submittal shall include a cover letter providing a list of each variation that the submittal may have from the requirements of the Contract Documents. In addition, the Contractor shall provide specific notation on each Shop Drawing, sample, catalog cut, data sheet, installation manual, etc. submitted for review and approval, of each such variation.

1. Submittals shall be approved by authorities having jurisdiction prior to submitting them to the Architect.

a. Shop Drawings shall be prepared by persons with the following qualifications:

1) Trained and certified by manufacturer in fire-alarm system design.

2) NICET-certified fire-alarm technician, Level III minimum.

C. Product Data: Product Data sheets with the printed logo or trademark of the manufacturer of all equipment. Indicated in the documentation shall be the type, size, rating, style, and catalog number for all items proposed to meet the system performance detailed in this specification. The proposed equipment shall be subject to the approval of the Owner.

D. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

1. Comply with recommendations in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter in NFPA72.

2. Include voltage drop calculations for notification appliance circuits.

3. Include battery-size calculations.

4. Include performance parameters and installation details for each detector, verifying that each detector is listed for complete range of air velocity, temperature, and humidity possible when air-handling system is operating.

5. Include plans, sections, and elevations of heating, ventilating, and air-conditioning ducts, drawn to scale and coordinating installation of duct smoke detectors and access to them. Show critical dimensions that relate to placement and support of sampling tubes, detector housing, and remote status and alarm indicators. Locate detectors according to manufacturer's written recommendations.

6. Include floor plans to indicate final outlet locations showing address of each addressable device. Show size and route of cable and conduits.

E. Operation and Maintenance Data: For fire-alarm systems and components to be included in emergency, operation, and maintenance manuals. In addition to items specified in Division 1 Section "Operation and Maintenance Data, include the following:

1. Comply with the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.

2. Provide "Record of Completion Documents" according to NFPA72 article "Permanent Records" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter.

3. Record copy of site-specific software database file, hardcopy print-out and CD, with password for delivery to the owner. Proprietary system/service companies will not be acceptable.

4. Provide "Maintenance, Inspection and Testing Records" according to NFPA72 article of the same name and include the following:

- Frequency of testing of installed components.
- Frequency of inspection of installed components.
- Requirements and recommendations related to results of maintenance.
- Manufacturer's user training manuals (hardcopy) and electronic on CD.

5. Manufacturer's required maintenance related to system warranty requirements.

6. Abbreviated operating instructions for mounting at fire-alarm control unit.

1.05 QUALITY ASSURANCE:

A. Installer Qualifications: Personnel shall be trained and certified by manufacturer for installation of units required for this Project.

B. Installer Qualifications: Installation shall be by personnel certified by NICET as fire-alarm Level III technician.

C. Source Limitations for Fire-Alarm System and Components: Obtain fire-alarm system from single source from single manufacturer.

D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA70, by a qualified testing agency, and marked for intended location and application.

E. NFPA Certification: Obtain certification according to NFPA72 in the form of a placard by an approved alarm company.

1.06 WARRANTY SERVICE AGREEMENT:

A. The contractor shall warranty all materials, installation, and workmanship for three (3) years from date of acceptance, unless otherwise specified. A copy of the manufacturers' warranty shall be provided with closeout documentation and included with the operation and installation manuals.

B. The System Supplier shall maintain a service organization with adequate spare parts stocked within 75 miles of the installation. Any defects that render the system inoperative shall be repaired within 24 hours of the Owner notifying the contractor.

C. Technical Support: Beginning with Substantial Completion, provide software support for three (3) five, shall be included in this project.

D. Detector Sensitivity Testing: During the warranty period, each year the contractor is to perform detector sensitivity testing and provide report to the Owner. Unless the system is UL Listed to perform automatic sensitivity testing without any manual intervention and should detector fall outside of sensitivity window, the system will automatically indicate a device trouble. A copy of UL letter is to be provided as proof of system operation.

E. Upgrade Service: Update software to latest version at Project completion. Install and program software upgrades that become available within three (3) years from date of Substantial Completion. Upgrading software shall include operating system. Upgrade shall include new or revised licenses for use of software.

1. Provide 30 days' notice to Owner to allow scheduling and access to system and to allow Owner to upgrade computer equipment if necessary.

1.07 EXTRA MATERIALS:

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Smoke Detectors, heat detectors, monitor modules and control modules: Quantity equal to 2% percent of amount of each type installed, but no fewer than 2 unit of each type.

2. Keys: Ten extra set for access to lock and tamperproof components.

3. Audible and Visual Notification Appliances: 2% of each type installed.

2.00 PRODUCTS

2.01 MANUFACTURERS:

A. Manufacturers: The materials, appliances, equipment, and devices shall be tested and listed by a nationally recognized approvals agency for use as part of a protected premises protective signaling fire alarm system. The authorized representative of the manufacturer of the major equipment, such as control panels, shall be responsible for the satisfactory installation of the complete system.

B. The Contractor shall provide, from the acceptable manufacturer's current product lines, equipment, and components, which comply, with the requirements of these Specifications. Equipment or components, which do not provide the performance and features, required by these specifications are not acceptable, regardless of manufacturer.

C. Strict conformance to this specification is required to ensure that the installed and programmed system will function as designed and will accommodate the future requirements and operations of the building Owner. All specified operational features must be met without exception.

D. All control panel assemblies and connected field appliances shall be provided by the same System Supplier and shall be designed and tested to ensure that the system operates as specified. All equipment and components shall be installed in strict compliance with the manufacturer's recommendations.

E. Upon completion of the project the Owner shall be provided with a hard copy printout of the system software database and an electronic version of the system program and database with all required passwords.

F. That equipment proposed to be supplied will be considered only if it meets all sections of the performance specification. Any deviations of system performance outlined in this specification will only be considered when the following requirements have been met:

1. A complete description of proposed alternate system performance methods with three (3) copies of working drawings thereof for approval by the Owner, not less than ten (10) calendar days prior to the scheduled date for submission of bids.

G. Approved Products: All panels and peripheral devices shall be of the standard product of single manufacturer and shall display the manufacturer's name of each component. The catalog numbers specified under this section are those by Notifier and shall constitute the type, product quality, material, and desired operating features. Simplex shall be considered equivalent if equal in all respects. Proprietary systems are not acceptable.

H. Acceptable Manufacturers

1. Notifier

2. Simplex/JCI

3. Siemens

4. Edwards EST

2.02 SYSTEMS OPERATIONAL DESCRIPTION:

A. Fire-alarm signal initiation shall be by one or more of the following devices:

1. Manual stations.

2. Heat detectors.

3. Smoke detectors.

4. Duct smoke detectors.

5. Verified automatic alarm operation of smoke detectors.

6. Automatic sprinkler system water flow.

B. Fire-alarm signal shall initiate the following actions.

1. Activate the audible and visual notification appliances.

2. Identify alarm at fire-alarm control unit and remote annunciators.

3. Transmit an alarm signal to the remote alarm receiving station.

4. Unlock electric door locks in designated egress paths.

5. Release fire and smoke doors held open by magnetic door holders.

6. Switch heating, ventilating, and air-conditioning equipment controls to fire-alarm mode.

7. Activate emergency shutoffs for gas and fuel supplies.

8. Record events in the system memory.

C. Supervisory signal initiation shall be by one or more of the following devices and actions.

1. Valve supervisory switch.

D. System trouble signal initiation shall be by one or more of the following devices and actions:

1. Open circuits, shorts, and grounds in designated circuits.

2. Opening, tampering with, or removing alarm-initiating and supervisory signal initiating devices.

3. Loss of primary power at fire-alarm control unit.

4. Ground or a single break in fire-alarm control unit internal circuits.

5. Abnormal ac voltage at fire-alarm control unit.

6. Break in standby battery circuitry.

7. Failure of battery charging.

8. Abnormal position of any switch at fire-alarm control unit or annunciator.

E. System Trouble and Supervisory Signal Actions: Initiate notification appliance and annunciate at fire-alarm control unit and remote annunciators. Record the event on system printer.

2.03 FIRE-ALARM CONTROL UNIT:

A. The main control panel or remote control panel(s) shall be a multi-processor based networked system designed specifically for detection and annunciation. The control panel(s) shall be listed and approved for the application under the standard(s) as listed.

B. The control panel shall include all required hardware, software, and system programming to provide a complete and operational system. The control panel shall assure that life safety takes precedence among all panel activities.

C. The control panel shall include the following capacities.

1. Support up to 1000 analog/addressable points.

2. Support up to 2000 points of annunciation.

3. Support digital dialer with Contact ID format.

4. Support up to 1000 chronological events.

D. The control panel shall include the following features:

1. Ability to download or upload site applications and system diagnostics remotely though an Ethernet connection, or DACT.

2. Provide electronic addressing of analog/addressable devices. Rotary and dip switch addressing shall not be considered equal.

3. Provide an operator interface display that shall include functions required to annunciate, command, and control system functions.

4. Provide an internal audible signal with different programmable patters to distinguish between alarm, supervisory, trouble, and monitor conditions.

5. Provide system reports that provide detailed description of the status of the system parameters for corrective action or for preventative maintenance programs.

6. Reports shall be displayed by the operator interface or capable of being printed on a printer.

7. Provide an authorized operator with the ability to operate or modify system functions like system time, date, passwords, holiday dates, restart the system, and clear control panel event history file.

8. Provide an authorized operator to perform test functions within the installed system.

9. Provide a paging microphone to allow authorized personnel to broadcast emergency paging to the building occupants. (ADD #3)

E. The control panel shall provide the following intelligent and intuitive diagnostic software tool.

1. Fast Ground Check - Allow quick wiring diagnostics for ground faults every 4 seconds to troubleshoot ground faults much quicker and determine if they have been fixed or not.

2. Recalibrate Device - The control panel recalibrates any devices that have been cleaned. The Recalibrate Device feature will immediately reset the environmental compensation and dirtiness levels for faster verification of cleaned devices.

3. Test Fire - The control panel sends a test command to a detector or input module to activate. This allows for proper operation and programming testing of the device.

4. Flash Device LED - It shall be possible to activate any device LED from the control panel menu to help troubleshooting or locate a specific device on a loop.

5. Walk Test - Walk test will allow the operator to test individual zones or devices without placing an alarm event on the system.

   a. It shall be possible to perform a walk test in a silent or audible test mode. Silent test mode shall display the test results on the LCD display. Audible test confirmation shall sound a coded signal on the systems NAC circuits.

   b. It shall be possible to activate Walk Test by zone or device to ensure the balance of the system remains in service to protect the premises.

   c. It shall be possible to view and print a walk test report showing the activation and restoration of all walk test events.

6. Device Maintenance - It shall be possible to view and print a report of all detectors dirtiness levels to optimize cleaning schedules. The report shall filter for all devices, devices that are 20% dirty or devices that are 80% dirty. The report shall show the device, how dirty it is by percentage and its sensitivity setting.

   a. Detectors shall automatically send an alert message to the LCD Users Interface and illuminate the service detector LED when they reach 80% dirty and latch a trouble when they reach 100% dirty to ensure maintenance action is performed.

F. Main Operators Display Operations.

1. Provide a discreet system control switch provided for reset, alarm silence, panel silence, remote disconnect, drill switch, and up/down/right/left switches.

2. Backlit LCD display shall be a 24 line by 40 character graphic LED display. Display shall be backlit when active.

3. Each point shall have a 40 character custom message.

4. Service Detector LED: Provide indication when a detector needs servicing.

5. Programmable Switches: Provide minimum of 2 programmable switches with corresponding LED. The switches shall be programmed for disable/enable or activate restore functions as follows:

    a. Disable NAC.

    b. Disable Fan Shutdown.

6. Alarm and Trouble Annunciator: Provide minimum of 16 zones of LED annunciation with red alarm and yellow trouble indicators; 4 zones may be utilized for supervisory zone annunciation. Devices on addressable loop circuits shall be identified by display or their address and by their condition (alarm, pre-alarm, monitor, supervisory, and trouble).

G. Instructions: Computer printout or typewritten instruction card mounted behind a plastic or glass cover in a stainless-steel or aluminum frame. Include interpretation and describe appropriate response for displays and signals. Briefly describe the functional operation of the system under normal, alarm, and trouble conditions.

H. Circuits Requirements:

1. Signaling Line Circuits for Intelligent Analog Addressable Loop:

    a. Class A (style 7) with isolator module for every 20 devices.

    b. Any combination of 250 detectors or modules.

2. Notification Appliance Circuits (speaker and visual):

    a. Class B (style Y).

    b. Maximum circuit loading to 2.0 amps for notification appliance circuits.

3. Activation of alarm notification appliances and other functions shall occur within 3 seconds after the activation of an initiating device.

I. Smoke-Alarm Verification:

1. Initiate an audible and visible indication of an "alarm-verification" signal at fire-alarm control unit.

2. Activate an NRTL-listed and -approved "alarm-verification" sequence at fire-alarm control unit and detector.

3. Record events by the system printer.

4. Sound general alarm if the alarm is verified.

5. Cancel fire-alarm control unit indication and system reset if the alarm is not verified.

J. Door Controls: Door hold-open devices that are controlled by smoke detectors at doors in smoke barrier walls shall be connected to fire-alarm system.

K. Smoke-Detector Sensitivity Adjustment: Controls shall select specific addressable smoke detectors for adjustment, display their current status and sensitivity settings, and change to alternate settings. Allow controls to be used to program repetitive, time-scheduled, and automated changes in sensitivity of specific detector groups. Record sensitivity adjustments and sensitivity-adjustment schedule changes in system memory and print out the final adjusted values on system printer.

L. Digital Alarm Communicator Transmitter: The system shall have an integrated off premise communications capability using a digital alarm communications transmitter (DACT) for sending system events to multiple central monitoring station (CMS) receivers. The system shall provide the CMS(s) with point identification of system events using Contact ID protocol. The dialer shall have the capability to support up to two (2) individual accounts and to send account information to two (2) different receivers, each having a primary and secondary GSM wireless telephone access number. System events shall be capable of being directed to one or more receivers depending on event type or location as specified by the system designed.

1. Digital data transmission shall include the following (Contact ID).

a. Address of the alarm-initiating device.

b. Loss of ac supply or loss of power.

c. Low battery.

d. Abnormal test signal.

e. Communication bus failure.

M. Primary Power: 24-V dc obtained from 120-V ac service and a power-supply module. Initiating devices, notification appliances, signaling lines, trouble signals, shall be powered by nominal 24-V dc source.

1. Alarm current draw of entire fire-alarm system shall not exceed 80 percent of the power-supply module rating.

N. Secondary Power: Shall provide 60 hours supervisory and 10 minutes of alarm with batteries, automatic battery charger, and automatic transfer switch for entire system including NAC panels.

O. AC Power Supply: The NAC power supply shall be independent unit that will provide power to visual strobe notification appliances. It shall be possible to configure the NAC's to follow the main panel's NAC or activate from intelligent synchronized modules. The booster NAC's must be configurable to operate independently at any one of the following rates: continuous synchronized, or 3-3-3 temporal. Fault conditions on the power supply shall not impede alarm activation of host NAC circuits or other power supplies. The NAC power supply must be able to provide concurrent power for notification devices, security devices, access control equipment and auxiliary devices such as door holders. All the NAC Power Supplies shall be synchronized. The power supply shall support up to 24 amp hour batteries.

1. Power supply shall be minimum of 10 amps and UL 864 Listed.

2. Four independent 3 amp NAC circuits. Each being configurable as auxiliary power.

3. All circuits shall be synchronized.

P. Audio One-Way Voice Communications. (ADD #3)

1. The voice communication system shall be single channel audio evacuation system with 10 pre-recorded audio messages. Coordinate with End User for message script.

2. The system custom digital voice message shall provide a minimum of 100 minutes and be created as a .wav file format. All messages shall be able to be created on-site without any special tools or burning of chips. Provide as minimum one twenty (20) watt supervised audio amplifier per paging zone. The system software shall be capable of selecting the required audio source signal for amplification. To enhance system survivability, each audio amplifier shall automatically provide an internally generated local 3-3-3, 1000 Hz temporal pattern output upon loss of the audio signal form the one-way emergency audio control unit, during and alarm condition.

3. Audio amplifiers shall be power limited and protected from short circuits conditions on the audio circuit wiring. Each amplifier output shall be a supervised, dedicated, selectable 25/70 Vrms output.

Q. Provide an Emergency Voice Communication System with the following design features:

1. An audio control until with Microphone for Paging.

2. Provide 3-position switch for each evacuation signaling zone and "All-Call", with "Page FIRE", "Auto" and "Page ALERT" positions identified and two LED status indicators for each audio visual evacuation signaling "zone", one red and one yellow.

3. These LED's shall illuminate to indicate respectively:

a. Evacuation signals activated (red).

b. Trouble in audio (speaker) or visual (strobe) circuit(s) (yellow).

R. Provide 2-position switch for manually activate pre-recorded voice messages, with "Message Name" positions identified and one LED status indicator, one red. Provide minimum of 12 selector switches:

1. These LED's shall illuminate to indicate respectively:

a. Message activated (red).

2.

2.04 SYSTEM PRINTER:

A. Printout of Events: On receipt of signal, print alarm, supervisory, and trouble events. Identify zone, device, and function. Include type of signal (alarm, supervisory, or trouble) and date and time of occurrence. Differentiate alarm signals from all other printed indications. Also print system reset event, including same information for device, location, date, and time. Commands initiate the printing of a list of existing alarm, supervisory, and trouble conditions in the system and a historical log of events.

1. The control panel shall be capable of supporting a printer mounted under panel provide shelf. All control panel printer ports shall be configurable to output any combination of alarm, supervisory, trouble, monitor, or group event messages.

2.05 REMOTE ANNUNCIATOR/LOCAL OPERATOR CONSOLE: (ADD #3)

A. Remote Annunciator/LOC shall match those of fire-alarm control unit LCD display functions for alarm, supervisory, monitor and trouble indications and common system controls including: acknowledging, silencing, resetting, and testing. The fire alarm bypass function switches and LCD Keypad may be housed separately in a locked enclosure to prevent unauthorized use and control of fire alarm system program control and bypass, but the Paging Microphone, Audio Selector, and Message Selector Switches shall be housed in a listed enclosure which is capable of being fitted with an unlocked latching knob for the enclosure, such that these emergency communication and signaling controls are readily accessible for emergency signaling. The Contractor shall verify this feature with Owner prior to final commissioning.

1. This display shall be EST3X series unit and shall have the following minimum features:

a. LCD Display

b. Paging Microphone

c. Audio Selector Switches

d. Audio Message Selector Switches

e. System Bypass Switches

2.06 MANUAL FIRE-ALARM BOXES:

A. General Requirements for Manual Fire-Alarm Boxes: Comply with UL38. Boxes shall be finished in red with molded, raised-letter operating instructions in contrasting color; shall show visible indication of operation; and shall be mounted on recessed outlet box. If indicated as surface mounted, provide manufacturer's surface back box.

1. Double-action mechanism requiring two actions to initiate an alarm, pull-lever type; with integral addressable module arranged to communicate manual-station status (normal, alarm, or trouble) to fire-alarm control unit.

2. The manual pull station will have an intelligent module integral of the unit.

3. Station Reset: key operated switch shall match the control panel key.

4. Manual pull stations that initiated an alarm condition by opening the unit are not acceptable.

B. Indoor Protective Shield: Factory-fabricated clear plastic enclosure. Hinged at the top to permit lifting for access to initiate alarm. Lifting the cover actuates an integral battery powered audible horn intended to discourage false-alarm operation. Provide in all corridor spaces as well as where specifically indicated on plans.

2.07 INTELLIGENT ANALOG SYSTEM SMOKE DETECTORS:

A. General Requirements for Intelligent Analog Detectors:

1. Integral Microprocessor: All decisions are made at the detector determining if the device is in the alarm or trouble condition.

2. Non-Volatile Memory: Permanently stores serial number, and type of device. Automatically updates historic information including hours of operation, last maintenance date, number of alarms and troubles, time of last alarm and analog signal patterns for each sensing element just before last alarm.

3. Electronic Addressing: Permanently stores programmable system address. It shall be possible to address each intelligent module without the use of DIP or rotary switches. Devices using switches for addressing shall not be acceptable.

4. Automatic Device Mapping: Each detector transmits wiring information regarding its location with respect to other devices on the circuit, creating an As-Built wiring diagram. This will also provide enhanced supervision of the device physical location and the device message shall reside with the location and not the device address. Devices installed in the wrong location will always report the correct message of the physical location.

5. Sensitivity Range: Each analog addressable smoke detectors sensitivity shall be capable of being programmed individually as: most sensitive, more sensitive, normal, less sensitive, or least sensitive. It shall be possible to automatically change the sensitivity of individual analog/addressable detectors for the day and night periods. It shall be possible to program control panel activity to each level.

6. Pre-Alarm: Detector stores 8 pre-alarm sensitivity values to alert local personnel prior to the sensor reaching a full evacuation sensitivity. Sensitivity values can be set in 5-10% increments.

7. Environmental Compensation: The detector's sensing element reference point shall automatically adjust, compensating for background environmental conditions such as dust, temperature, and pressure. Periodically, the sensing element real-time analog value shall be compared against its reference value. The detector shall provide a maintenance alert signal when the detector reaches 80% compensation has been used. The detector shall provide a dirty fault signal and illuminate Service Detector LED on control panel.

8. Twin Status LEDs: Flashing Green LED shows normal; flashing RED shows alarm state; steady RED and steady GREEN show alarm state in stand-alone mode, visible from any direction.

9. UL Sensitivity Testing: The detector shall utilize a supervised microprocessor that is capable of monitoring the sensitivity of the detector. If the detector sensitivity shifts outside of the UL limits, a trouble signal is sent to the panel.

10. Device Replacement: The system shall allow for changing of detector types for service replacement purposes without the need to reprogram the system. The replacement detector type shall automatically continue to operate with the same programmed sensitivity levels and functions as the detector it replaced. System shall display an off-normal condition until the proper detector type has been installed or change in the application program profile has been made.

B. Intelligent 135 Degree Fixed Temperature / Rate of Rise Heat Detector:

1. Provide intelligent combination fixed temperature/rate-of-rise heat detectors at the locations shown on the drawings. The heat detector shall have a low mass thermistor heat sensor and operate at a fixed temperature and at a temperature rate-of-rise. It shall continually monitor the temperature of the air in its surroundings to minimize thermal lag to the time required to process an alarm. The integral microprocessor shall determine if an alarm condition exists and initiate an alarm based on the analysis of the data. Systems using central intelligence for alarm decisions shall not be acceptable. The intelligent heat detector shall have a nominal fixed temperature alarm point rating of 135oF (57oC) and a rate-of-rise alarm point of 15oF (9oC) per minute. The heat detector shall be rated for ceiling installation at a minimum of 70 ft (21.3m) centers and be suitable for wall mount applications.

C. Fixed Temperature Heat Detector:

1. Provide intelligent fixed temperature heat detectors at the locations shown on the drawings. The heat detector shall have a low mass thermistor heat sensor and operate at a fixed temperature. It shall continually monitor the temperature of the air in its surroundings to minimize thermal lag to the time required to process an alarm. The integral microprocessor shall determine if an alarm condition exists and initiate an alarm based on the analysis of the data. Systems using central intelligence for alarm decisions shall not be acceptable. The heat detector shall have a nominal alarm point rating of 135oF (57oC). The heat detector shall be rated for ceiling installation at a minimum of 70 ft (21.3m) centers and be suitable for wall mount applications.

D. Detector Base Types:

1. Provide standard detector mounting bases suitable for mounting on 1-gang, or 4inch octagon box and 4 inch square box. The base shall, contain no electronics and support all series detector types. Bases with electronics or dip-switches are not acceptable.

E. Intelligent Duct Smoke Detector – Photoelectric:

1. Provide intelligent photoelectric duct smoke detector at the locations shown on the drawings.

a. One form C auxiliary alarm relay rated at 2amps @ 30Vdc.

b. The operating range shall be 100ft/min to 4,000ft/min air velocity and temperature range of –20 to 158F.

c. Sample tube can be installed with or without the cover place and be rotated in 45- degree increments to ensure proper alignment with duct airflow.

d. Local magnet-activated test switch.

2. Provide remote test station with Alarm LED and Key Switch.

3. Relay Fan Shutdown: Rated to interrupt fan motor control circuit. Furnish and install separate device for each motor start. Connect to motor start as required for fan shutdown during alarm condition.

2.08 INTELLIGENT MODULES:

A. It shall be possible to address each intelligent module without the use of DIP or rotary switches. Devices using switches for addressing shall not be acceptable. The personality of multifunction modules shall be programmable at site to suit conditions and may be changed at any time using a personality code downloaded from the Analog Loop Controller.

1. Integral Microprocessor: All decisions are made at the module determining if the device is alarm or trouble condition. Each module provides its own ground fault detection.

2. Non-Volatile Memory: Permanently stores serial number, and type of device. Automatically updates historic information including hours of operation, number of alarms and troubles, time of last alarm.

3. Automatic Device Mapping: Each detector transmits wiring information regarding its location with respect to other devices on the circuit, creating an As-Built wiring diagram. This will also provide enhanced supervision of the device physical location. The device message shall reside with the location and not the device address. Devices installed in the wrong location will always report the correct message of the physical location.

4. Twin Status LEDs: The modules shall have a minimum of 2 diagnostic LEDs mounted behind a finished cover plate. A green LED shall flash to confirm communication with the loop controller. A red LED shall flash to display alarm status.

5. Input and output circuit wiring shall be supervised for open and ground faults.

6. Two styles of modules shall be available, those designed for gang box mounting, and where multiple modules are required in a single location, plug in modules shall be provided with a Universal Input/Output motherboard.

B. Intelligent Input Module. The Input Module shall provide one or two supervised Class B input circuit capable of a minimum of 4 personalities, each with a distinct operation. The module shall be suitable for mounting on North American 2 ½" (64mm) deep 1-gang boxes and 1 ½" (38mm) deep 4" square boxes with 1-gang covers. The single input module shall support the following circuit types:

- Normally-Open Alarm Latching (Manual Stations, Heat Detectors, etc.).
- Normally-Open Alarm Delayed Latching (Waterflow Switches).

- Normally-Open Active Non-Latching (Monitor, Fans, Dampers, Doors, etc.).
- Normally-Open Active Latching (Supervisory, Tamper Switches).

C. Intelligent Relay Module. Provide addressable control relay circuit modules shall provide one (1) form C dry relay contacts rated at 24Vdc @ 2 amps (pilot duty) to control external appliances or equipment. The position of the relay contact shall be confirmed by the system firmware. The module shall be suitable for mounting on North American 2 ½" (64mm) deep 1-gang boxes and 1 ½" (38mm) deep 4" square boxes with 1-gang covers.

D. NAC Control Module: Provide intelligent NAC control module shall provide one (1) supervised Class B output circuit capable of a minimum of 2 personalities, each with a distinct operation. The gang box -mounted version shall be suitable for mounting in North American 2 ½" (64mm) deep 2-gang boxes and 1 ½" (38mm) deep 4" square boxes with 2-gang covers. The plug-In version shall plug into a universal multi-module motherboard. The NAC control module shall support the following operations.

- 24 volt NAC circuit.
- Audio notification circuit 25v or 70v.
- Telephone Power Selector with Ring Tone (Firefighter's Telephone).
- Visual Synchronized Output to Genesis appliances or to NAC Power Supply.

2.09 NOTIFICATION APPLIANCES:

A. All appliances shall be of the same manufacturer as the Fire Alarm Control Panel specified to ensure absolute compatibility between the appliances and the control panels, and to ensure that the application of the appliances is done in accordance with the single manufacturers' instructions.

B. Any appliances, which do not meet the above requirements, and are submitted, for use must show written proof of their compatibility for the purpose intended. Such proof shall be in the form of documentation from all manufacturers which clearly states that their equipment (as submitted) are 100% compatible with each other for the purposes intended. All appliances shall be UL listed Fire Protective Service and shall be UL 1971.

C. Notification Appliances – Visual:

1. Provide wall or ceiling mounted <white> strobes with 'Alert' wording and in-out screw terminals shall be provided for wiring. Color and wording to be verified with AHJ prior to ordering. Strobes shall provide a smooth light distribution pattern field selectable candela 15 cd, 30 cd, 75 cd, and 110 cd flash output rating. The strobe (15, 30, 75, 110) candela rating shall be view from the side window to verify the setting. All strobes shall be synchronization to within 10 milliseconds for an indefinite period shall not require the use of separately installed remote synch modules. The strobes shall mount to one-gang electrical box.

2. The device shall have plastic protective cover for during installation.

3. The actual candela setting on the visual shall be marked on the appliance.

D. Notification Appliance – Audio/Visual: **(ADD #3)**

1. Provide wall mounted combination speaker strobes with 'Alert' wording and in-out screw terminals shall be provided for wiring. Color and wording to be verified with AHJ prior to ordering. Strobes shall provide a smooth light distribution pattern field selectable candela 15 cd, 30 cd, 75 cd, and 110 cd flash output rating. The strobe (15, 30, 75, 110) candela rating shall be view from the side window to verify the setting. All strobes shall be synchronization to within 10 milliseconds for an indefinite period shall not require the use of separately installed remote synch modules. The strobes shall mount to one-gang electrical box.

2. The device shall have plastic protective cover for during installation.

3. The device shall have the high fidelity speaker characteristics mentioned in the following section.

4. The actual candela setting on the visual shall be marked on the appliance.

E. Notification Appliance – High Fidelity Speakers:

1. Provide wall or ceiling mounted white High Fidelity Speaker with ALERT wording at the locations shown on the drawings. The rear of the speakers shall be completely sealed protecting the cone during and after installation. In and out screw terminals shall be provided for wiring. Speakers shall provide 1/4w, 1/2w, 1w, and 2w power taps for use with 70V systems. The actual speaker wattage & strobe candela setting shall be viewed from the device window to verify the wattage setting, without removing the device. To make any changes to the speaker wattage will only require the removal of the cover plate.

2. High Fidelity Speaker listed frequency response of 400 to 4,000 Hz and listed sound output of 90.5 dBA at 10 feet, as measured in reverberation room per UL-1480. Speaker shall be listed in compliance to produce 520Hz low frequency tone signal.

3. The following selectable sound level output:

a. 1/4watt -81.5 dBA

b. 1/2watt -84.1 dBA

c. 1watt -87.3 dBA

d. 2watt -90.5 dBA

4. The device shall have plastic protective cover during installation.

F. Protective covers

1. Notification appliances shall be provided with protective wire guards in all corridors and common areas, as well as where specifically indicated on plans.

2.10 MAGNETIC DOOR HOLDERS:

A. Description: Units are equipped for wall mounting as indicated and are complete with matching doorplate.

1. Electromagnet: Requires no more than 3 W to develop 25-lbf holding force.

2. Wall-Mounted Units: Flush mounted unless otherwise indicated.

3. Rating: 120-V ac, 24-V ac, or dc.

2.11 INSPECTION BAR CODES:

A. Inspection bar codes shall be installed on all initiating devices, annunciators, control panels and power supplies.

B. Inspection bar codes used by the system must utilize Code 3 of 9 or other approved format and contain a minimum of eight (8) digits that comprise a unique serial identifier within the Web-based Reporting System. There shall be no duplication of serial numbers. Serial number shall be printed below the bar code for identification purposes.

C. Inspection bar codes shall be limited in size to no more than 2" (5cm) in width, and 3/8" (2 cm), in height and shall include a Mylar® or other protective coating to protect the bar code from fading due to sunlight or exposure.

D. Inspection bar codes shall be installed on each device in such a manner as to require that scanning of the bar code take place no further than 12" from the device during inspection.

2.12 WIRE AND CABLE:

A. All Fire Alarm wiring shall be installed in conduit, except where run in concealed accessible ceiling spaces.

B. Signaling Line Circuits – Annunciator Data: Twisted pair, not less than No. 18Awg or as recommended by the manufacturer.

C. Signaling Line Circuits – Intelligent Loop: Twisted pair, not less than No. 18Awg or as recommended by the manufacturer.

D. Notification Appliance Circuits:

1. Speaker and Visual. 12AWG THHN or FPLP or as recommended by the manufacturer.

3.00 EXECUTION

3.01 EQUIPMENT INSTALLATION:

A. Comply with NFPA72 for installation of fire-alarm equipment.

B. Equipment Mounting: Install fire-alarm control unit on finished floor with tops of cabinets not more than 72 inches above the finished floor.

C. Smoke- or Heat-Detector Spacing:

1. Comply with NFPA72, "Smoke-Sensing Fire Detectors" Section in the "Initiating Devices" Chapter, for smoke-detector spacing.

2. Comply with NFPA72, "Heat-Sensing Fire Detectors" Section in the "Initiating Devices" Chapter, for heat-detector spacing.

3. Smooth ceiling spacing shall not exceed 30 feet.

4. Spacing of detectors for irregular areas, for irregular ceiling construction, and for high ceiling areas shall be determined according to Appendix A in NFPA 72.

5. Lighting Fixtures: Locate detectors not closer than 12 inches from any part of a lighting fixture.

D. Duct Smoke Detectors: Comply with NFPA72 and NFPA90A. Install sampling tubes so they extend the full width of duct.

E. Notification Appliance Devices: Install at 80 A.F.F. inches on the wall.

F. Fire-Alarm Control Unit: Surface mounted, with tops of cabinets not more than 72 inches above the finished floor.

G. Annunciator: Install with top of panel not more than 56 inches above the finished floor.

3.02 CONNECTIONS:

A. Make addressable connections with a supervised interface device to the following devices and systems. Install the interface device less than 3 feet from the device controlled. Make an addressable confirmation connection when such feedback is available at the device or system being controlled.

1. Smoke dampers in air ducts of designated air-conditioning duct systems.

2. Alarm-initiating connection to activate emergency shutoffs for gas and fuel supplies.

3. Supervisory connections at valve supervisory switches.

4. Supervisory connections at fire-pump power failure including a dead-phase or phase- reversal condition.

3.03 IDENTIFICATION:

A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Division 26 Section "Electrical Identification."

B. Install framed instructions in a location visible from fire-alarm control unit.

C. All initiating devices shall have bar code label installed visibly on the device. This bar code shall be used for digital inspection of the fire alarm system using Building Reports.Com.

3.04 GROUNDING:

A. Ground fire-alarm control unit and associated circuits; comply with IEEE 1100. Install a ground wire from main service ground to fire-alarm control unit.

3.05 FIELD QUALITY CONTROL:

A. Field tests shall be witnessed by The Owner and authorities having jurisdiction and documentation shall be provided.

B. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.

C. Perform tests and inspections.

1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.

D. Tests and Inspections:

1. Visual Inspection: Conduct visual inspection prior to testing.

a. Inspection shall be based on completed Record Drawings and system documentation that is required by NFPA72 in its "Completion Documents, Preparation" Table in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter.

b. Comply with "Visual Inspection Frequencies" Table in the "Inspection" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72; retain the "Initial/Reacceptance" column and list only the installed components.

2. System Testing: Comply with "Test Methods" Table in the "Testing" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.

3. Test audible appliances for the public operating mode according to manufacturer's written instructions. Perform the test using a portable sound-level meter complying with Type 2 requirements in ANSI S1.4.

4. Test audible appliances for the private operating mode according to manufacturer's written instructions.

5. Test visible appliances for the public operating mode according to manufacturer's written instructions.

6. Factory-authorized service representative shall prepare the "Fire Alarm System Record of Completion" in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter in NFPA72 and the "Inspection and Testing Form" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.

E. Reacceptance Testing: Perform reacceptance testing to verify the proper operation of added or replaced devices and appliances.

F. Fire-alarm system will be considered defective if it does not pass tests and inspections.

G. Prepare test and inspection reports.

H. Maintenance Test and Inspection: Perform tests and inspections listed for weekly, monthly, quarterly, and semiannual periods. Use forms developed for initial tests and inspections.

I. Annual Test and Inspection: During the warranty period, each year test fire-alarm system complying with visual and testing inspection requirements in NFPA72. Use forms developed for initial tests and inspections.

J. Detector Sensitivity Testing: During the warranty period, each year the contractor is to perform detector sensitivity testing and provide report to the Owner. Unless the system is UL Listed to perform automatic sensitivity testing without any manual intervention and should detector fall outside of sensitivity window, the system will automatically indicate a devices trouble. A copy of UL letter is to be provided as proof of system operation.

3.06 DEMONSTRATION:

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain fire-alarm system.

END OF SECTION 28 31 63

SECTION 32 31 13
CHAIN LINK FENCE & GATES

PART 1 - GENERAL

1.01 WORK INCLUDED

A. Contractor shall furnish and install the fence and gates as shown on the Plans and specified herein.

B. Fencing shall be of the chain-link type and be six feet high with six feet of diamond mesh woven wire fabric.

C. The fence shall have a continuous top rail and a tension wire at the bottom. All fabric, supports fittings and hardware shall be vinyl coated (black color).

D. Fence shall have 3 strands of barb wire to match the existing fence.

E. All fencing and accessories shall be installed according to the manufacturer's recommendations.

F. Pipe sizes and weights shall meet the requirements of ANSI B36.10 Table 2 and ASTM A120 Table 1. All pipe sizes listed are nominal, unless otherwise indicated.

PART 2 - PRODUCTS & EXECUTION

2.01 CHAIN LINK FENCE FABRIC

A. Vinyl coated chain link fabric shall be one piece woven 2-inch mesh chain link of 11-gauge steel wire with a minimum tensile strength of 100,000 psi and be interwoven to form a continuous fabric with splices. Vinyl coating shall be black color.

B. Privacy slats to be manufactured from a combination of color pigments, quality high density virgin polyethylene and ultraviolet inhibitors, having a 25 year limited warranty against either color fading or breakage of slats and locking-channel used under normal climactic extremes. Color shall match chain link mesh.

2.02 STEEL FENCE FRAMEWORK

A. Posts and framework shall be vinyl coated and match color of chain link mesh.

B. Tension wire for the fence bottom shall be minimum 6-gauge galvanized coil spring steel. The tension wire shall be attached to the bottom of the fabric by hog rings spaced at 24-inch intervals and to terminal posts by brace bands.

C. The top rail shall be furnished in approximately 20-foot lengths with couplings approximately 6 inches long for each joint. One coupling in each 5 shall have an expansion spring. The rail shall be continuous from end-to-

end for each run of fence. Brace rails shall be provided at all terminal posts, located midway between the top and bottom of the fabric and shall extend from the terminal post to the first adjacent line post. They shall be securely fastened at both ends. Top and brace rails shall be galvanized steel.

Top and brace rails shall be 1-1/4-inch, Schedule 40 pipe or shall be a 1.625 by 1.25-inch roll-formed section with minimum bending strength of 192 pounds on 10-foot span.

All posts shall be galvanized steel pipe or formed section, coated as specified for framework, posts and hardware in subsection headed "General".

Pipe posts shall be as follows:

End, Corner and Pull Posts: 2-1/2-inch, Schedule 40 pipe

Line Posts: 2-inch, Schedule 40 pipe

Corner Posts: 3-inch, Schedule 40 pipe

2.03 CHAIN LINK SWING GATE

A. Double swing gates shall be 10' opening.

B. Drop rod shall be provided with center gate stop or receiver to secure inactive leaf in the closed position.

C. Gate posts shall be 6.625 in. O.D.

D. Gate mesh, posts, and fittings shall be vinyl coated (black).

PART 3 - EXECUTION

3.01 INSTALLATION

A. Posts shall be set plumb in concrete encasement at not more than 10-foot centers in the line of the fence with the tops properly aligned. Concrete encasement for line posts shall extend a minimum of three feet below finish grade with a minimum diameter of ten inches. Concrete encasement for terminal and corner posts shall extend 40 inches below finished grade. Concrete encasement for gate posts shall extend 54 inches below grade. The minimum diameter of encasement for terminal, corner and gate posts shall be sufficient to provide not less than four inches between any part of the post and the face of the concrete and in no case shall the diameter be less than 12 inches. Line posts shall be set 32 inches into the concrete and all other posts shall be set 36 inches, except gate posts, which shall be set 48 inches into the concrete. The top exposed surface of the concrete shall be sloped to shed water and provide a neat appearance.

END OF SECTION

SECTION 33 05 31.27
PVC PERFORATED DRAINAGE PIPE

PART 1 - GENERAL

1.01 WORK INCLUDES

A. Provide pipe, fittings, and bedding for the installation of perforated PVC drainage pipe.

1.02 RELATED SECTIONS

A. 33 42 11 “Stormwater Gravity Piping”

PART 2 - PRODUCT

2.01 MATERIALS

A. Pipe shall be Contech A-2000 perforated storm drainage pipe or approved equal.

1. PVC corrugated pipe with a smooth interior shall conform to the requirements of ASTM designation F949.

2. Pipe and other fittings shall be homogeneous throughout and free from visible cracks, holes, foreign injurious or other injurious defects.

3. Pipe shall be manufactured to 46 PSI stiffness when tested in accordance with ASTM Test Method D2412. There shall be no evidence of splitting, cracking or breaking when the pipe is tested per ASTM Test Method D2412 in accordance with ASTM F949 Section 7.5 and ASTM F794 Section 8.5.

4. The pipe shall be made of PVC compound having a minimum cell classification of 12454 as defined in ASTM Specifications D1784.

5. Perforations:
   a. For slotted, standard perforated pipe, the perforation dimensions shall be in accordance with ASTM F949 Table 5 and Section 7.9.

B. Fittings

1. All fittings for PVC corrugated sewer pipe with a smooth interior shall conform to ASTM F949, Section 5.23 or F784, Section 7.2.4.

2. To ensure compatibility, the pipe manufacturer shall provide all fittings.

C. Joints

1. All joints shall be made with integrally-formed bell and spigot gasketed connections.

2. The manufacturer shall provide documentation showing no leakage when gasketed pipe joints are tested in accordance with ASTM Test Method D3212.

3. Elastometric seals (gaskets) shall meet the requirements of ASTM Designation F477.

D. Geotextile fabric

E. INDOT No. 8 Coarse Aggregate

PART 3 - EXECUTION

3.01 INSTALLATION

A. Pipe trench shall be dug to design grade. Trench shall be lined with geotextile fabric with enough material on the sides to wrap the top of the aggregate drainage layer with minimum 6" overlap.

B. Pipe shall be installed so that the Top Locator Strip provided on the pipe is facing straight upward,

C. Pipe shall be placed at designed invert grade and backfilled with designed layer of INDOT #8 aggregate within the geotextile wrap described above. Upon final grade of INDOT #8 aggregate, wrap the geotextile fabric over the aggregate with a minimum 6" overlap of the fabric.

END OF SECTION

HARDWARE GROUP NO. 18A

For use on Door #(s):

A-125A B-134A C-119A

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	STOREROOM LOCK	L9080T 06N	626	SCH
1	EA	PERMANENT CORE	MATCH EXISTING KEYING SYSTEM	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS401/402CVX	626	IVE
3	EA	SILENCER	SR64	GRY	IVE

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GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
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DRAWN BY
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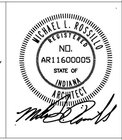
CHECKED BY
MLR



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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
SHEET INDEX - VOLUME 1

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
G-101

4/30/2022 11:41:38 AM
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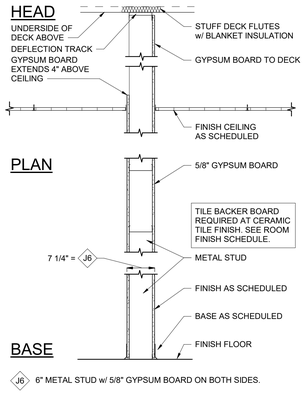

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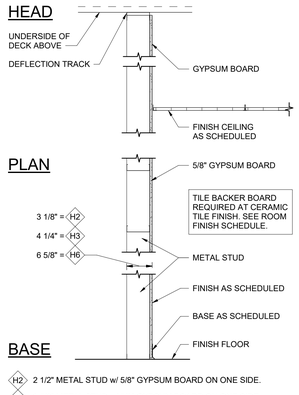

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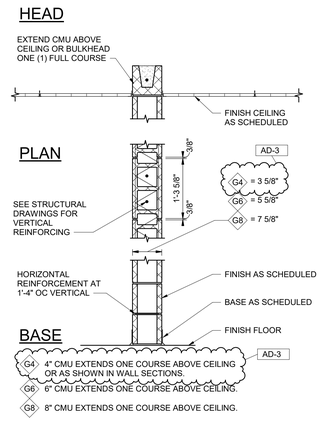

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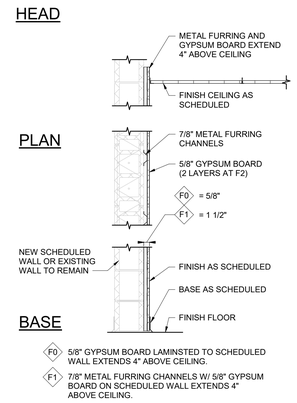

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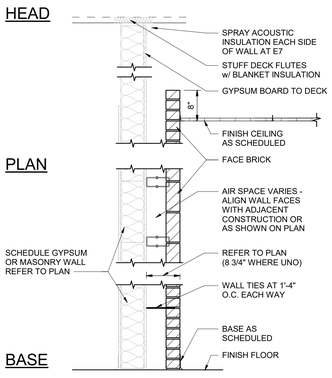

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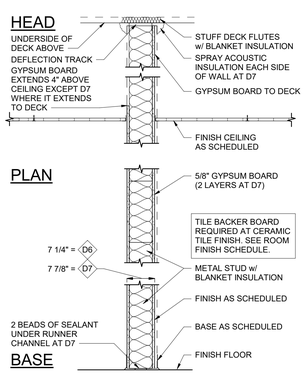

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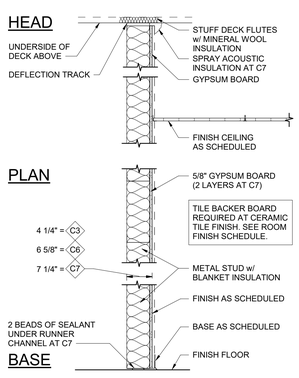

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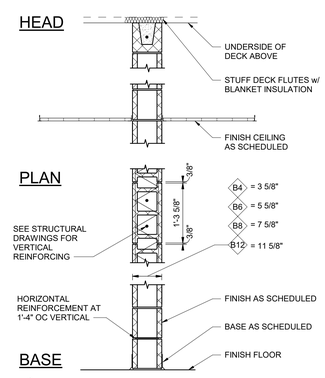

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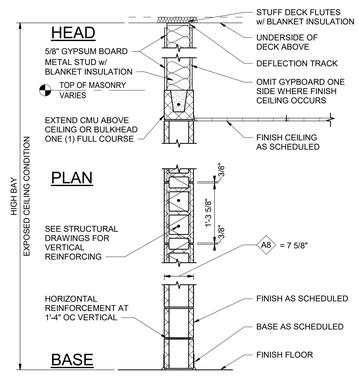

PARTITION TYPE "A"

1 G-302 **PARTITION TYPES**
3/4" = 1'-0"

WALL PARTITION NOTES

1. REFER TO LIFE SAFETY PLANS FOR RATED WALL LOCATIONS THAT EXTEND TO DECK ABOVE.
2. ALL CMU WALLS ARE TYPE 'B8' ('G6' AT CHASE WALLS AND COLUMN ENCLOSURES) UNLESS NOTED OTHERWISE.
3. ALL METAL STUD AND GYPSUM BOARD WALLS ARE TYPE 'D6' ('H3' AT COLUMN ENCLOSURES) UNLESS NOTED OTHERWISE.
4. PARTITION SYMBOLS APPEAR ON LARGEST SCALE FLOOR PLAN PROVIDED FOR AREA.
5. REFER TO FINISH PLANS FOR WALL FINISH AND BASE INFORMATION.
6. REFER TO WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION.
7. PROVIDE MOLD/MOISTURE RESISTANT GYPSUM BOARD ON WALLS WITH OPERABLE PLUMBING FIXTURES AND WITHIN 4 FEET OF DRINKING FOUNTAINS/WATER COOLERS UNLESS NOTED OTHERWISE.
8. ALL INTERIOR MASONRY WALLS THAT RUN TO THE UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS AND MINERAL WOOL AT NON-RATED WALLS TO ALLOW FOR DEFLECTION. REFER TO PROJECT MANUAL.
9. ALL WALLS THAT ARE NOT INDICATED TO EXTEND TO THE UNDERSIDE OF DECK ABOVE SHELL EXTEND TO 4" MINIMUM ABOVE FINISHED CEILING UNLESS NOTED OTHERWISE.
10. PROVIDE LATERAL BRACING FOR PARTITIONS WHICH EXTEND ABOVE CEILING.
11. PROVIDE SPECIFIED TILE BACKER BOARD AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC OR PORCELAIN TILE.
12. PROVIDE ABUSE RESISTANT GYPSUM BOARD WHERE INDICATED ON DRAWINGS AND IN ALL CORRIDORS, COMMONS, AND PASSAGES INDICATED TO RECEIVE GYPSUM BOARD. AT WALLS TO RECEIVE WALL COVERING PER FINISH PLANS DISREGUARD ABUSE RESISTANT GYPSUM REQUIRMENT AND PROVIDE STANDARD GYPSUM BOARD.
13. REFER TO STRUCTURAL DRAWINGS FOR BOND BEAMS AND VERTICAL REINFORCING AT MASONRY WALLS.
14. STEEL STUD FRAMING SHALL BE ATTACHED/BRACED TO STRUCTURAL FRAMING AND NOT TO ROOF DECK, UNLESS NOTED OTHERWISE.
15. ISOLATE NON-LOAD-BEARING STUD FRAMING FROM BUILDING STRUCTURE TO PREVENT TRANSFER OF VERTICAL LOADS WHILE PROVIDING LATERAL SUPPORT AS SPECIFIED.
16. PACK DECK FLUTE VOIDS AT NON-RATED WALLS WITH MINERAL WOOL. FILL DECK FLUTE VOIDS AT RATED WALLS WITH FIRESTOPPING. REFER TO PROJECT MANUAL.
17. PROVIDE FIRE RESISTIVE RATED GYPSUM WALL BOARD AT ALL RATED ASSEMBLIES TO MEET ASSEMBLY REQUIREMENTS.
18. PROVIDE FIRE RESISTIVE JOINT SYSTEMS EQUAL TO WALL RATING AT ALL PENETRATIONS AND AT HEAD/FLOOR INTERSECTIONS WITH RATED ASSEMBLIES.
19. PROVIDE ACOUSTICAL INSULATION AT INTERIOR WALLS NOTED TO RECEIVE BLANKET INSULATION.
20. PROVIDE ACOUSTICAL SEALANT AT WALL SILL, HEAD, PENETRATIONS, AND ADDITIONAL SPECIFIED SOUND ATTENUATION COMPONENTS AT SOUND RATED WALLS.
21. STUD SPACING 16" O.C. UNLESS NOTED OTHERWISE.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:
NEW YOST ELEMENTARY SCHOOL

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROSSILLO — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
PARTITION TYPES

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
G-302

4/30/2022 11:42:13 AM
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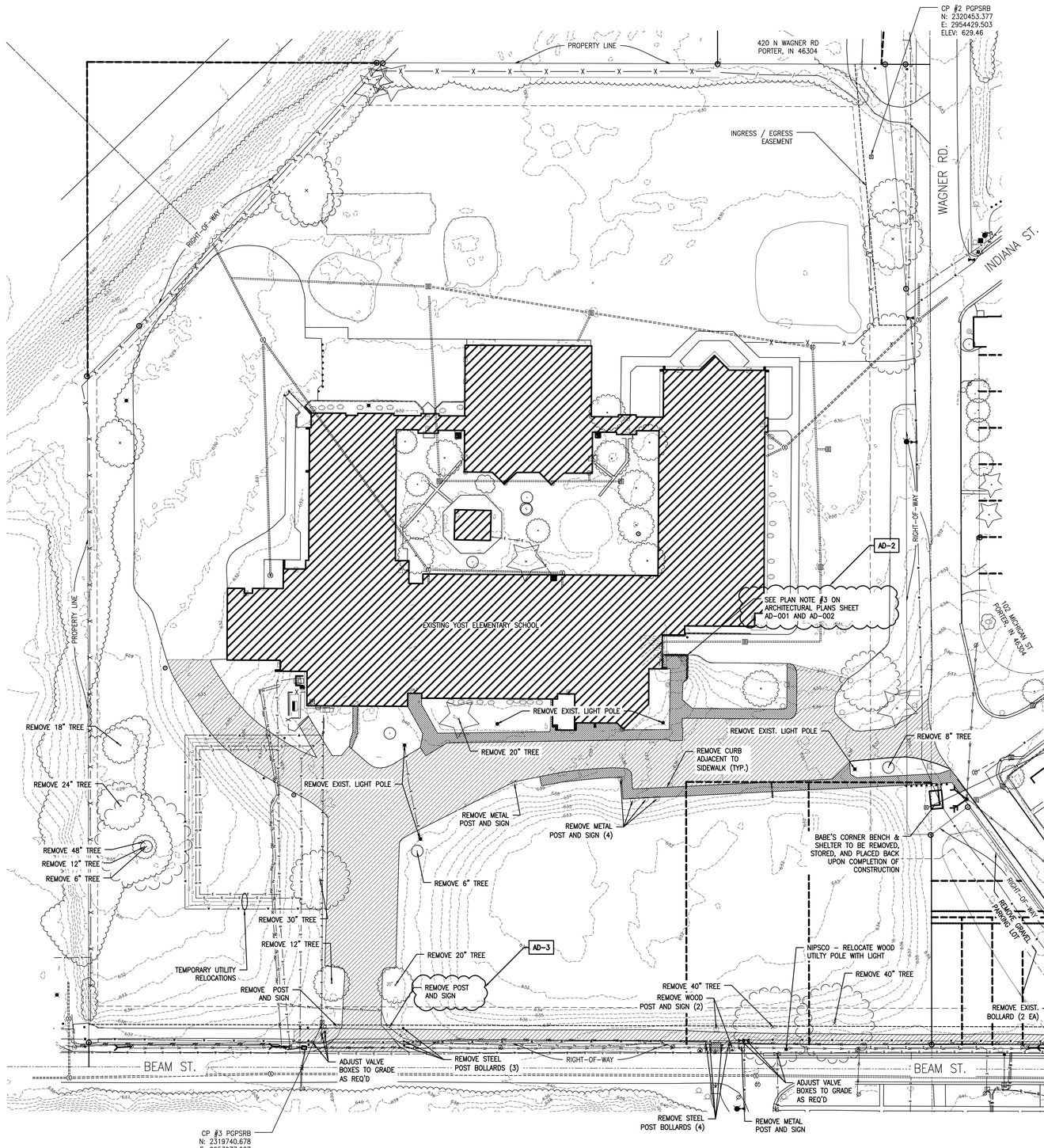

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
			EXISTING STORM
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

ASPHALT REMOVAL

CONCRETE REMOVAL

AD-3

CONSTRUCTION NOTES:

1. CONTRACTOR TO REMOVE EXISTING TANK THAT IS LOCATED APPROXIMATELY UNDERNEATH OR NEAR THE EXISTING CHILLER. CONTRACTOR TO VERIFY THE LOCATION OF THE EXISTING TANK.
2. **CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS AND POSTS ON-SITE.**

AD-2 REVISIONS:

1. NOTE TO REFERENCE PLAN NOTES ON ARCHITECTURAL PLANS.
2. NOTE TO REMOVE EXISTING MECHANICAL YARD.

AD-3 REVISIONS:

1. ADDED THE REMOVAL OF A METAL POST AND SIGN AT THE ENTRANCE/EXIT ON BEAM ST.
2. ADDED NOTE TO REFERENCE THE REMOVAL OF ALL EXISTING SIGNS AND POSTS.

40' 0 20' 40' 80'

1" = 40'-0"

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PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
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Phone: (219) 844 8680 Fax: (219) 844 7754
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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MIHALIK — REGISTERED — NO.11500308 — STATE OF INDIANA — PROFESSIONAL ENGINEER
5/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
DEMOLITION PLAN
PHASE 1

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET C-02

Thursday, 4/28/2022 - 2:01 PM - LAST SAVED BY:SBERROS
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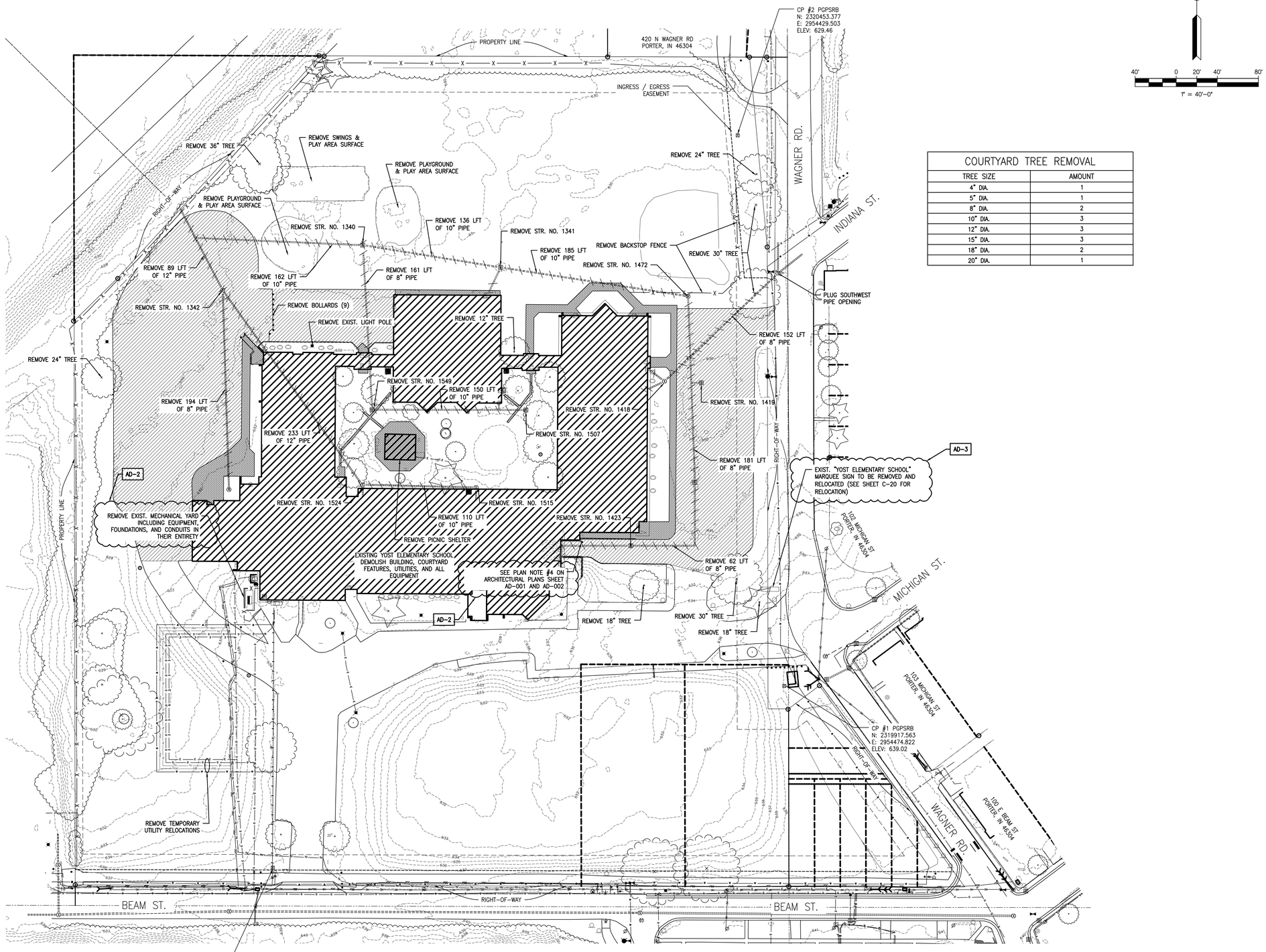

COURTYARD TREE REMOVAL	
TREE SIZE	AMOUNT
4" DIA.	1
5" DIA.	1
8" DIA.	2
10" DIA.	3
12" DIA.	3
15" DIA.	3
18" DIA.	2
20" DIA.	1

40' 0 20' 40' 80'

1" = 40'-0"

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE		S S S	EXISTING SANITARY
		S S S	EXISTING STORM
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

ASPHALT REMOVAL

CONCRETE REMOVAL

AD-3

CONSTRUCTION NOTES:

1. CONTRACTOR TO REMOVE EXISTING TANK THAT IS LOCATED APPROXIMATELY UNDERNEATH OR NEAR THE EXISTING CHILLER. CONTRACTOR TO VERIFY THE LOCATION OF THE EXISTING TANK.
2. **CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS AND POSTS ON-SITE.**

AD-2 REVISIONS:

1. NOTE TO REFERENCE PLAN NOTES ON ARCHITECTURAL PLANS.
2. NOTE TO REMOVE EXISTING MECHANICAL YARD.

AD-3 REVISIONS:

1. ADDED NOTE TO REFERENCE THE REMOVAL OF ALL EXISTING SIGNS AND POSTS.
2. ADDED NOTE TO REFERENCE THE RELOCATION OF THE EXISTING MARQUEE SIGN.

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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINNICK
REGISTERED
NO. 11500308
STATE OF INDIANA
PROFESSIONAL ENGINEER
5/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
DEMOLITION PLAN
PHASE 2

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
C-03

Thursday, 4/28/2022 - 2:01 PM - LAST SAVED BYSBERROS
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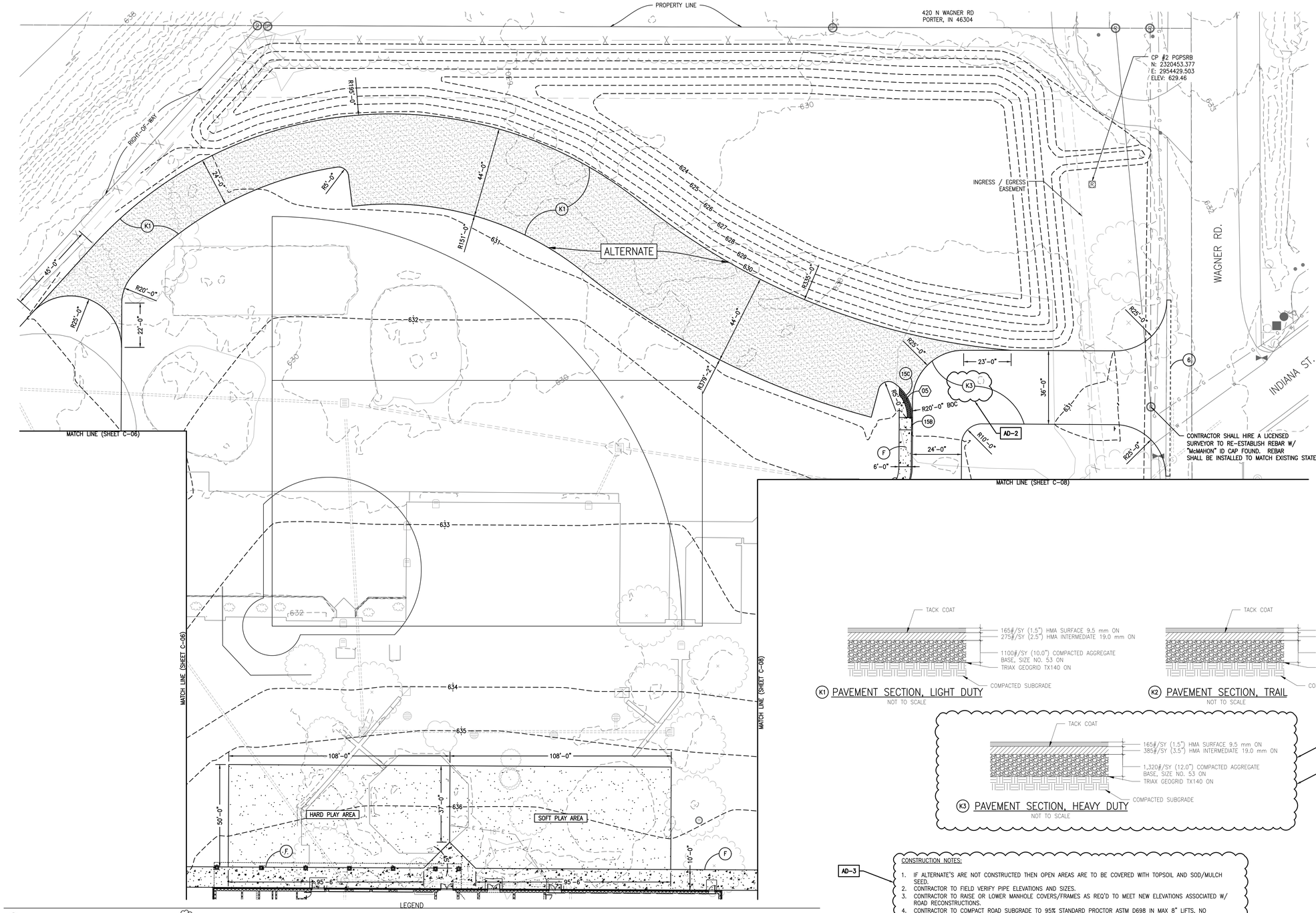
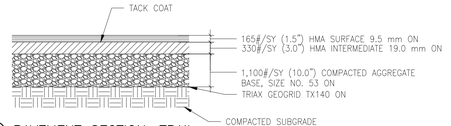


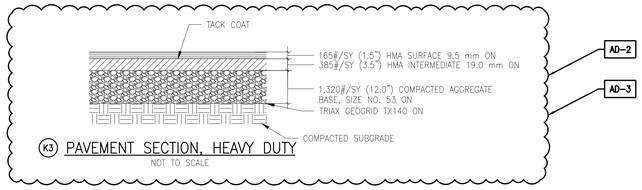
LEGEND

(C) CONCRETE PVMT., 8"	EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS	W W	EXISTING WATERMAIN
(F) SIDEWALK, CONC., 5"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE	x x x	EXISTING CHAIN LINK FENCE
(K1) PAVEMENT SECTION, LIGHT DUTY	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV		EXISTING TREE LINE
(K2) PAVEMENT SECTION, TRAIL	EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL	SF SF SF	SILT FENCE
(K3) PAVEMENT SECTION, HEAVY DUTY AD-2	EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE		RIGHT-OF-WAY
(##) CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##	EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC		PROPERTY LINE / BUILDING LINE
(6) SAW CUT, FULL DEPTH	EXISTING INLET		P P P	EXISTING PIPELINE		SECTION LINE
(15) CONCRETE CURB AND GUTTER	EXISTING UTILITY POLE			EXISTING SANITARY		
(15A) DEPRESSED CURB AND GUTTER				EXISTING STORM		
(15B) CONCRETE BARRIER CURB						
(15C) DEPRESSED BARRIER CURB						

(K1) PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE



(K2) PAVEMENT SECTION, TRAIL
NOT TO SCALE



(K3) PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

AD-3

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.
13. **BICYCLE RACKS SHALL BE OF THE INVERTED U-STRUCTURE DESIGN.**
14. **BICYCLE RACKS SHALL ACCOMMODATE U-LOCKS/CHAINS AND SUPPORT BICYCLES AT TWO LOCATIONS ON THE RACK.**
15. **BICYCLE RACKS SHALL HAVE A THERMOPLASTIC POWDER COATING AND MUST BE ANCHORED SECURELY TO THE GROUND PER THE MANUFACTURER'S SPECIFICATIONS.**
16. **BICYCLE RACKS SHALL BE 2'X6' WITH A 5' WIDE ACCESS AISLE FROM BEHIND.**

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.
3. PAVEMENT SECTION AT THE NORTH ENTRANCE/EXIT AT THE INTERSECTION OF WAGNER RD. AND INDIANA ST. HAS BEEN CHANGED FROM "K1, PAVEMENT SECTION, LIGHT DUTY" TO "K3, PAVEMENT SECTION, HEAVY DUTY".

AD-3 REVISIONS:

1. NOTES #13-#16 HAVE BEEN ADDED TO "CONSTRUCTION NOTES" REGARDING THE INSTALLATION OF BICYCLE RACKS.
2. CORRECTED THE WEIGHT PER YD² NUMBER FOR THE INTERMEDIATE AND AGGREGATE BASE LAYERS OF THE HEAVY DUTY PAVEMENT SECTION.

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PROJECT
NEW YOST ELEMENTARY SCHOOL

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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINALYK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED SITE PLAN
SECTION: 1 - NORTH

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
C-05

Thursday, 4/28/2022 - 2:01 PM - LAST SAVED BY:SBERRIOS
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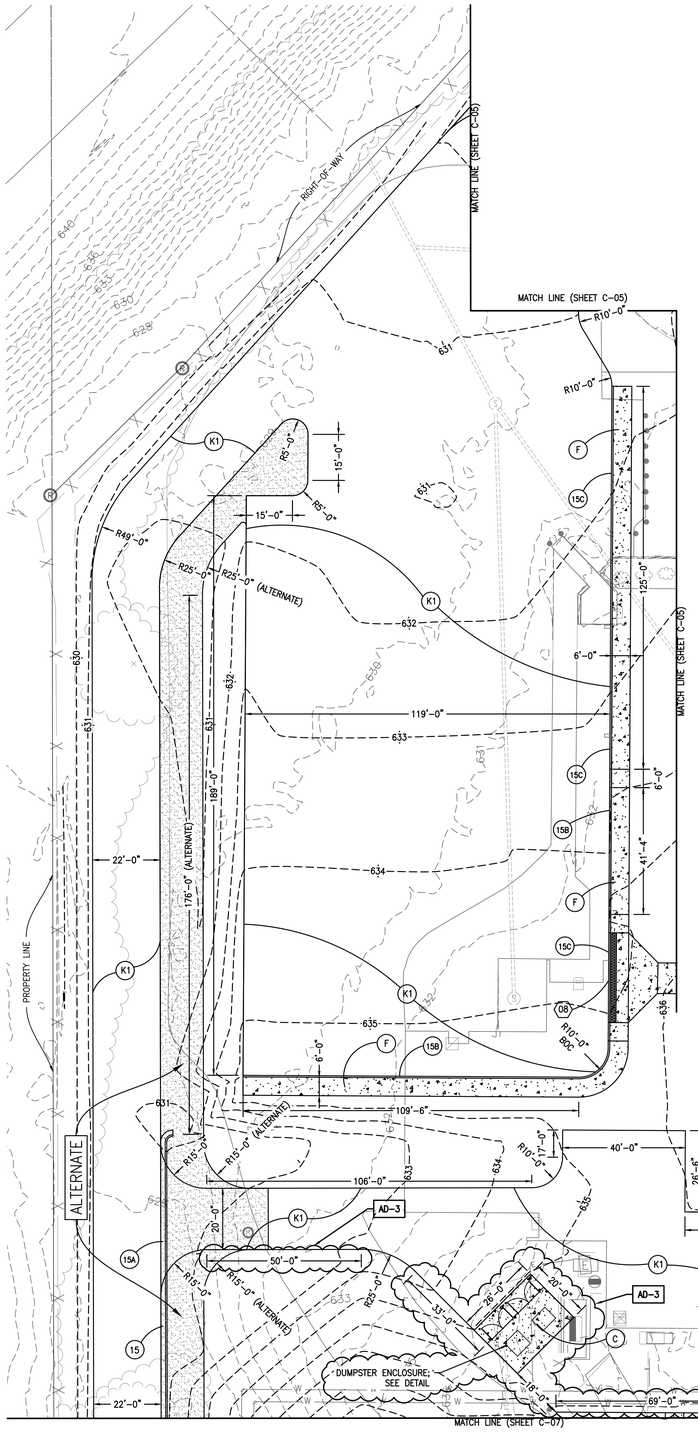
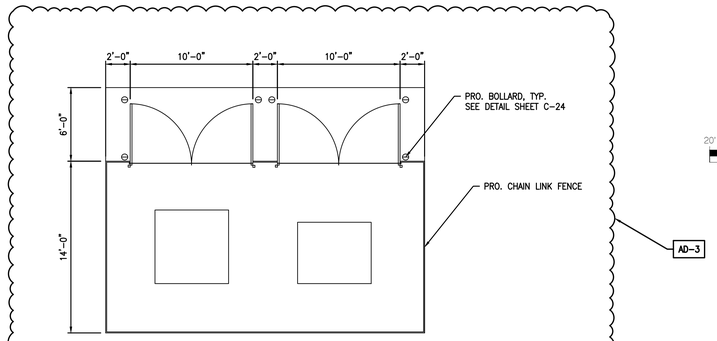


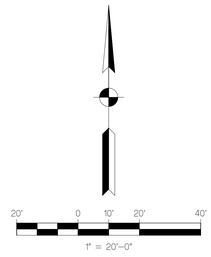


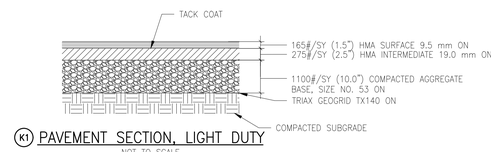
DUMPSTER ENCLOSURE DETAIL

NOT TO SCALE

CHAIN LINK FENCE NOTES:

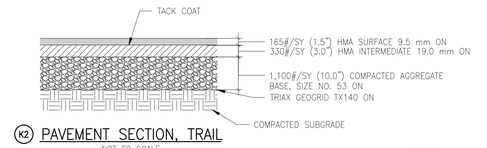
1. FENCE SHALL BE 88" ABOVE GRADE.
2. FENCE, GATES, POSTS, AND ALL FITTINGS SHALL HAVE A BLACK COLORED VINYL COATING.
3. PRIVACY SLATS SHALL BE INSTALLED IN CHAIN LINK MESH.
4. CHAIN LINK MESH SHALL BE 2" OPENING.
5. CHAIN LINK MESH SHALL BE 11 GAUGE STEEL.





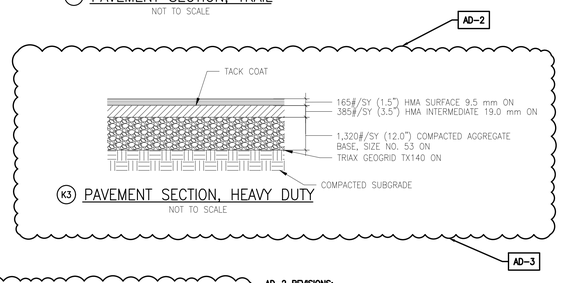
K1 PAVEMENT SECTION, LIGHT DUTY

NOT TO SCALE



K2 PAVEMENT SECTION, TRAIL

NOT TO SCALE



K3 PAVEMENT SECTION, HEAVY DUTY

NOT TO SCALE

LEGEND

C	CONCRETE PVMT., 8"		EXISTING TREE	→	EXISTING GUY WIRE	G G G	EXISTING GAS
F	SIDEWALK, CONC., 5"		EXISTING FIRE HYDRANT	T T T	EXISTING TELEPHONE
K1	PAVEMENT SECTION, LIGHT DUTY		EXISTING WATER VALVE		EXISTING LIGHT POLE		EXISTING CHAIN LINK FENCE
K2	PAVEMENT SECTION, TRAIL		EXISTING BUFFALO BOX		EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV		EXISTING TREE LINE
K3	PAVEMENT SECTION, HEAVY DUTY	AD-2	EXISTING MAN HOLE		EXISTING SIGN	E E E	EXISTING ELECTRICAL	SF SF SF	SILT FENCE
##	CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##		EXISTING CATCH BASIN		CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE		RIGHT-OF-WAY
6	SAW CUT, FULL DEPTH		EXISTING INLET		PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC		PROPERTY LINE / BUILDING LINE
15	CONCRETE CURB AND GUTTER		EXISTING UTILITY POLE			P P P	EXISTING PIPELINE		SECTION LINE
15A	DEPRESSED CURB AND GUTTER						EXISTING SANITARY		
15B	CONCRETE BARRIER CURB						EXISTING STORM		
15C	DEPRESSED BARRIER CURB								

AD-3

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.
13. **BICYCLE RACKS SHALL BE OF THE INVERTED U-STRUCTURE DESIGN.**
14. **BICYCLE RACKS SHALL ACCOMMODATE U-LOCKS/CHAINS AND SUPPORT BICYCLES AT TWO LOCATIONS ON THE RACK.**
15. **BICYCLE RACKS SHALL HAVE A THERMOPLASTIC POWDER COATING AND MUST BE ANCHORED SECURELY TO THE GROUND PER THE MANUFACTURER'S SPECIFICATIONS.**
16. **BICYCLE RACKS SHALL BE 2'X6' WITH A 5' WIDE ACCESS AISLE FROM BEHIND.**

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.

AD-3 REVISIONS:

1. REVISED EDGE OF PAVEMENT DIMENSIONS TO INCORPORATE DUMPSTER ENCLOSURE ADJUSTMENTS.
2. THE DUMPSTER ENCLOSURE'S CONCRETE PAD HAS BEEN ADJUSTED FROM 22'-0" WIDE X 18'-0" LONG TO 26'-0" WIDE X 20'-0" LONG.
3. "SEE DETAIL" REFERENCE HAS BEEN ADDED TO THE DUMPSTER ENCLOSURE LEADER.
4. "DUMPSTER ENCLOSURE DETAIL" HAS BEEN ADDED.
5. NOTES #13-#16 HAVE BEEN ADDED TO "CONSTRUCTION NOTES" REGARDING THE INSTALLATION OF BICYCLE RACKS.
6. CORRECTED THE WEIGHT PER YD² NUMBER FOR THE INTERMEDIATE AND AGGREGATE BASE LAYERS OF THE HEAVY DUTY PAVEMENT SECTION.

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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MINNICK NO. 11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED SITE PLAN
SECTION: 2 - WEST

PROJECT
NEW YOST ELEMENTARY SCHOOL

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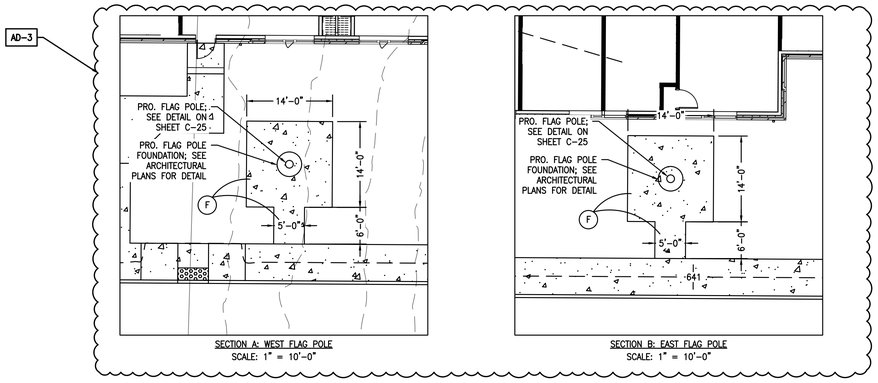
SHEET
C-06

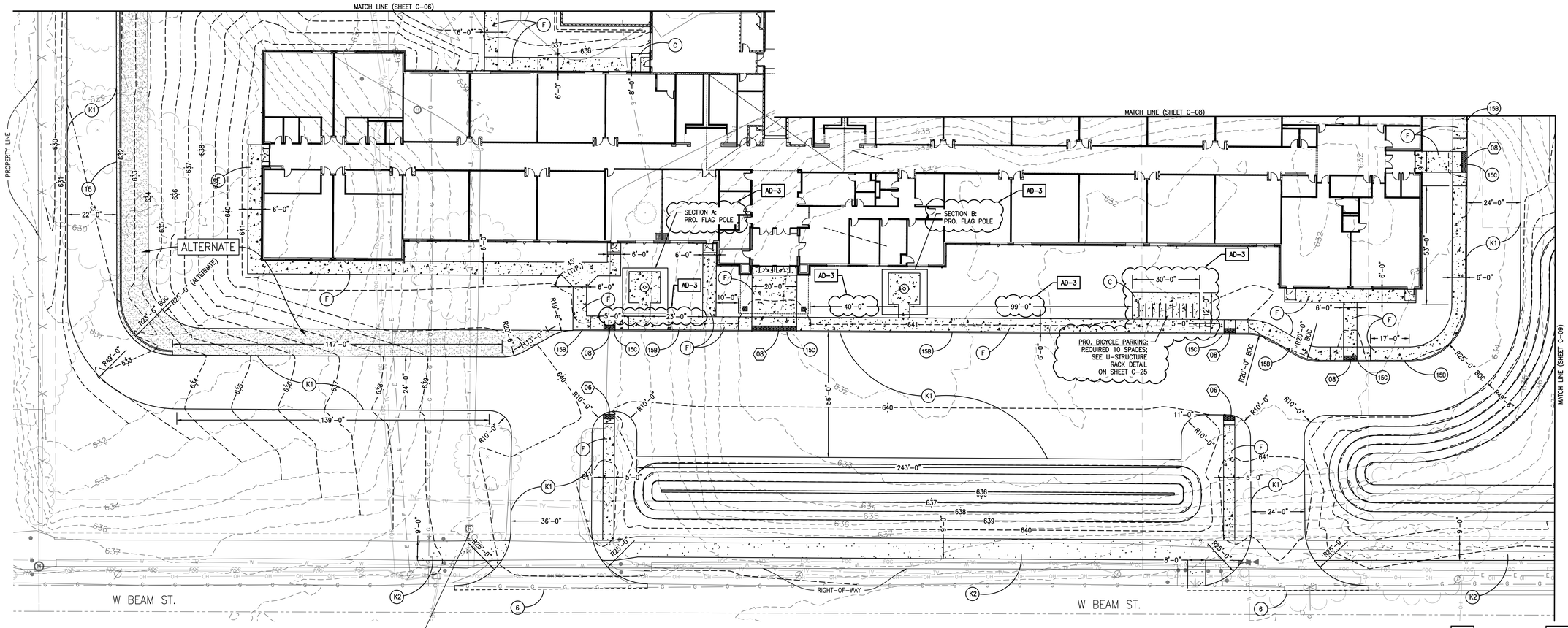
Thursday, 4/28/2022 - 2:01 PM - LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21-558 YOST ELEM\DWGS\2022 0422 YOST ELEMENTARY_REVO3.DWG

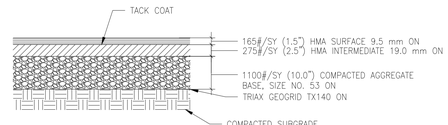


SECTION A: WEST FLAG POLE
SCALE: 1" = 10'-0"

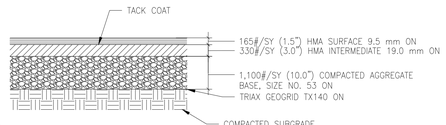
SECTION B: EAST FLAG POLE
SCALE: 1" = 10'-0"

20' 0 10' 20' 40'
1" = 20'-0"



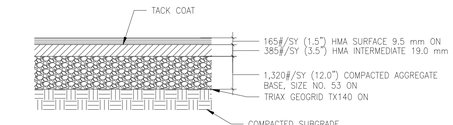


K1 PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE



K2 PAVEMENT SECTION, TRAIL
NOT TO SCALE

AD-2 AD-3



K3 PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

LEGEND

C CONCRETE PVMT., 8"	EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS
F SIDEWALK, CONC., 5"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE
K1 PAVEMENT SECTION, LIGHT DUTY	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV
K2 PAVEMENT SECTION, TRAIL	EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL
K3 PAVEMENT SECTION, HEAVY DUTY	EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE
## CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-## (AD-2)	EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC
6 SAW CUT, FULL DEPTH	EXISTING INLET		EXISTING PIPELINE
15 CONCRETE CURB AND GUTTER	EXISTING UTILITY POLE		EXISTING SANITARY
15A DEPRESSED CURB AND GUTTER			EXISTING STORM
15B CONCRETE BARRIER CURB			EXISTING WATERMAIN
15C DEPRESSED BARRIER CURB			EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
			SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

AD-3

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.
13. **BICYCLE RACKS SHALL BE OF THE INVERTED U-STRUCTURE DESIGN.**
14. **BICYCLE RACKS SHALL ACCOMMODATE U-LOCKS/CHAINS AND SUPPORT BICYCLES AT TWO LOCATIONS ON THE RACK.**
15. **BICYCLE RACKS SHALL HAVE A THERMOPLASTIC POWDER COATING AND MUST BE ANCHORED SECURELY TO THE GROUND PER THE MANUFACTURER'S SPECIFICATIONS.**
16. **BICYCLE RACKS SHALL BE 2'X6' WITH A 5' WIDE ACCESS AISLE FROM BEHIND.**

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.

AD-3 REVISIONS:

1. PRO. BICYCLE PARKING AREA SIZE HAS BEEN INCREASED FROM 8'-0" X 20'-0" TO 12'-0" X 30'-0".
2. ADDED NOTE TO REFERENCE DETAIL REGARDING THE PRO. BICYCLE PARKING.
3. REVISED SIDEWALK DIMENSIONS TO INCORPORATE FLAGPOLE LOCATIONS.
4. SECTION A: WEST FLAG POLE HAS BEEN ADDED.
5. SECTION B: EAST FLAG POLE HAS BEEN ADDED.
6. NOTES #13-#16 HAVE BEEN ADDED TO "CONSTRUCTION NOTES" REGARDING THE INSTALLATION OF BICYCLE RACKS.
7. CORRECTED THE WEIGHT PER YD² NUMBER FOR THE INTERMEDIATE AND AGGREGATE BASE LAYERS OF THE HEAVY DUTY PAVEMENT SECTION.

GIBRALTAR DESIGN
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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MLINARIK NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED SITE PLAN
SECTION: 3 - SOUTH

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET C-07

Thursday, 4/28/2022 - 2:02 PM - LAST SAVED BY:SBERROS
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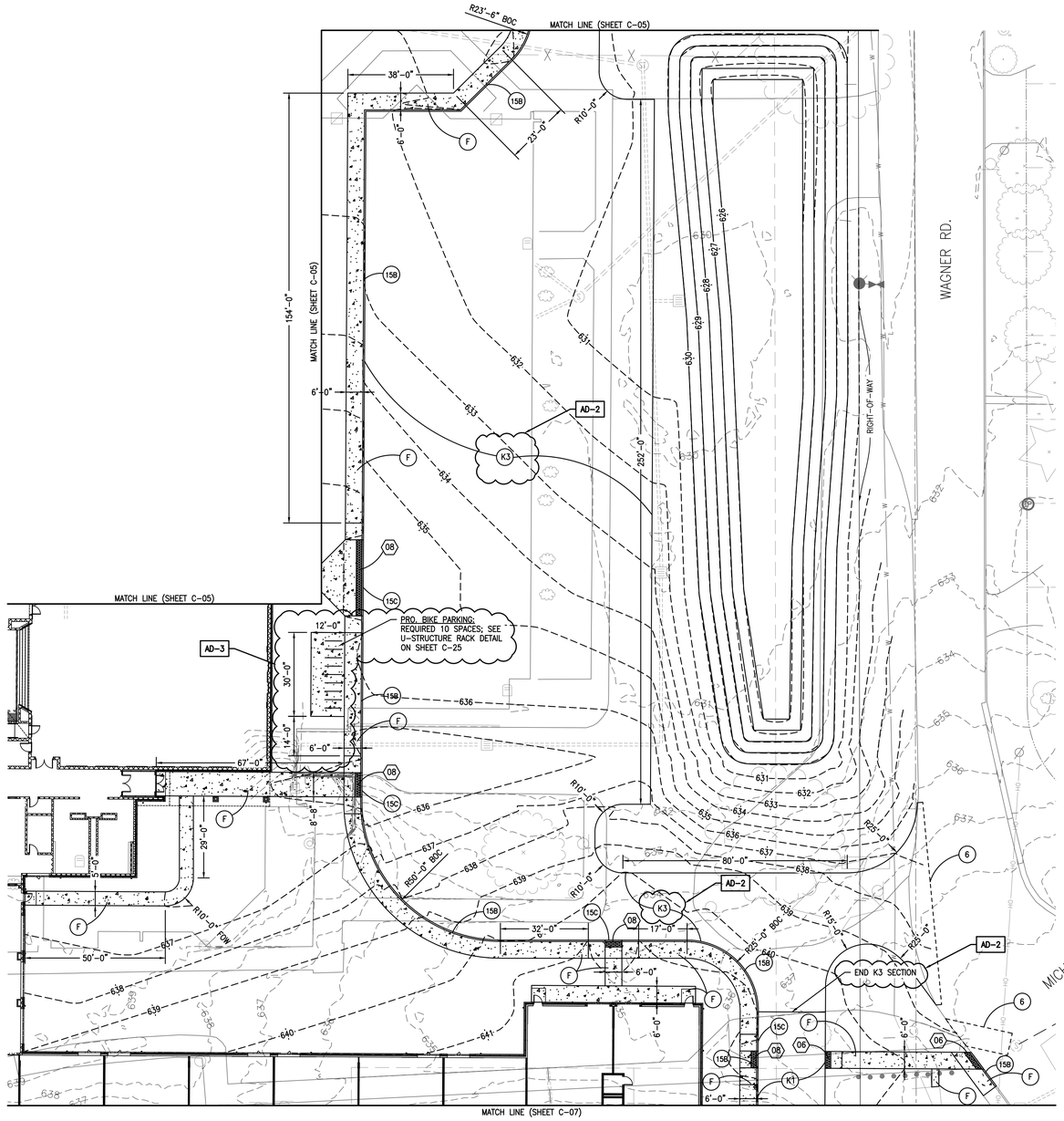
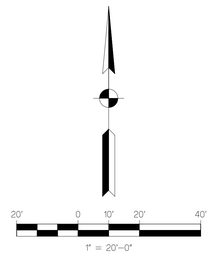
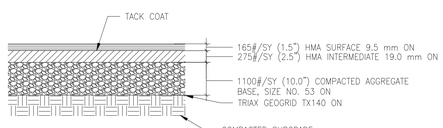
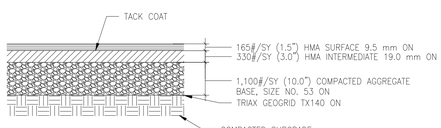


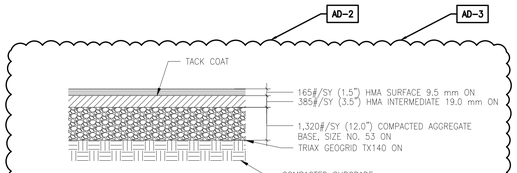




K1 PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE



K2 PAVEMENT SECTION, TRAIL
NOT TO SCALE



K3 PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

LEGEND

- C — CONCRETE PVMT., 8"
- F — SIDEWALK, CONC., 5"
- K1 — PAVEMENT SECTION, LIGHT DUTY
- K2 — PAVEMENT SECTION, TRAIL
- K3 — PAVEMENT SECTION, HEAVY DUTY — AD-2
- ## — CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##
- 6 — SAW CUT, FULL DEPTH
- 15 — CONCRETE CURB AND GUTTER
- 15A — DEPRESSED CURB AND GUTTER
- 15B — CONCRETE BARRIER CURB
- 15C — DEPRESSED BARRIER CURB

- EXISTING TREE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING BUFFALO BOX
- EXISTING MAN HOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING UTILITY POLE

- EXISTING GUY WIRE
- EXISTING LIGHT POLE
- EXISTING TELEPHONE BOX
- EXISTING SIGN
- CONTROL POINT
- PROPERTY CORNER

- G — G — G — EXISTING GAS
- T — T — T — EXISTING TELEPHONE
- TV — TV — TV — EXISTING CABLE TV
- E — E — E — EXISTING ELECTRICAL
- FOC — FOC — EXISTING FIBER OPTIC CABLE
- OH — OH — OH — EXISTING OVERHEAD ELECTRIC
- P — P — P — EXISTING PIPELINE
- EXISTING SANITARY
- EXISTING STORM

- W — W — W — EXISTING WATERMAIN
- x — x — x — EXISTING CHAIN LINK FENCE
- EXISTING TREE LINE
- SF — SF — SF — SILT FENCE
- RIGHT-OF-WAY
- PROPERTY LINE / BUILDING LINE
- SECTION LINE

AD-3

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.
13. **BICYCLE RACKS SHALL BE OF THE INVERTED U-STRUCTURE DESIGN.**
14. **BICYCLE RACKS SHALL ACCOMMODATE U-LOCKS/CHAINS AND SUPPORT BICYCLES AT TWO LOCATIONS ON THE RACK.**
15. **BICYCLE RACKS SHALL HAVE A THERMOPLASTIC POWDER COATING AND MUST BE ANCHORED SECURELY TO THE GROUND PER THE MANUFACTURER'S SPECIFICATIONS.**
16. **BICYCLE RACKS SHALL BE 2'X6' WITH A 5' WIDE ACCESS AISLE FROM BEHIND.**

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.
3. PAVEMENT SECTION AT THE BUS PARKING LOT LOCATION HAS BEEN CHANGED FROM "K1, PAVEMENT SECTION, LIGHT DUTY" TO "K3, PAVEMENT SECTION, HEAVY DUTY".
4. PAVEMENT SECTION AT THE EXIT AT THE INTERSECTION OF WAGNER RD. AND MICHIGAN ST. HAS BEEN CHANGED FROM "K1, PAVEMENT SECTION, LIGHT DUTY" TO "K3, PAVEMENT SECTION, HEAVY DUTY".
5. THE SOUTHERN LIMIT OF THE HEAVY DUTY PAVEMENT SECTION HAS BEEN DEFINED.

AD-3 REVISIONS:

1. AN ADDITIONAL 12'-0" X 30'-0" PRO. BICYCLE PARKING AREA HAS BEEN ADDED.
2. ADDED NOTE TO REFERENCE DETAIL REGARDING THE PRO. BICYCLE PARKING.
3. REVISED SIDEWALK DIMENSIONS TO INCORPORATE THE ADDITION OF A BICYCLE PARKING AREA.
4. NOTES #13-#16 HAVE BEEN ADDED TO "CONSTRUCTION NOTES" REGARDING THE INSTALLATION OF BICYCLE RACKS.
5. CORRECTED THE WEIGHT PER YD² NUMBER FOR THE INTERMEDIATE AND AGGREGATE BASE LAYERS OF THE HEAVY DUTY PAVEMENT SECTION.

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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MINNICK NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED SITE PLAN
SECTION: 4 - EAST

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET C-08

Thursday, 4/28/2022 - 2:03 PM - LAST SAVED BY:SBERRIOS
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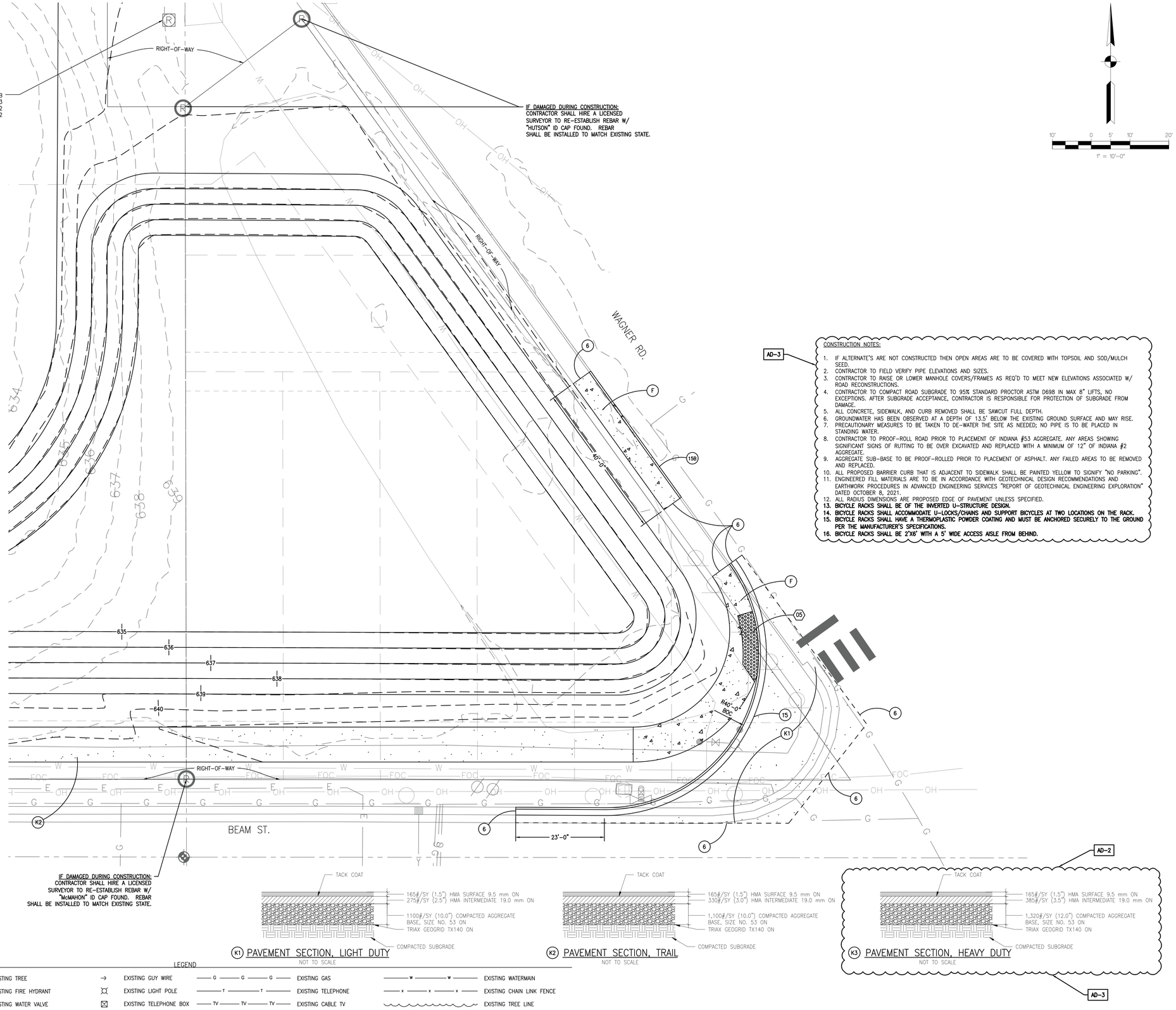

10' 0 5' 10' 20'

1" = 10'-0"

CONSTRUCTION NOTES:

1. IF ALTERNATE'S ARE NOT CONSTRUCTED THEN OPEN AREAS ARE TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
2. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
3. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
4. CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
5. ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
6. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
7. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
8. CONTRACTOR TO PROOF-ROLL ROAD PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
9. AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
10. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
11. ENGINEERED FILL MATERIALS ARE TO BE IN ACCORDANCE WITH GEOTECHNICAL DESIGN RECOMMENDATIONS AND EARTHWORK PROCEDURES IN ADVANCED ENGINEERING SERVICES "REPORT OF GEOTECHNICAL ENGINEERING EXPLORATION" DATED OCTOBER 8, 2021.
12. ALL RADIUS DIMENSIONS ARE PROPOSED EDGE OF PAVEMENT UNLESS SPECIFIED.
13. **BICYCLE RACKS SHALL BE OF THE INVERTED U-STRUCTURE DESIGN.**
14. **BICYCLE RACKS SHALL ACCOMMODATE U-LOCKS/CHAINS AND SUPPORT BICYCLES AT TWO LOCATIONS ON THE RACK.**
15. **BICYCLE RACKS SHALL HAVE A THERMOPLASTIC POWDER COATING AND MUST BE ANCHORED SECURELY TO THE GROUND PER THE MANUFACTURER'S SPECIFICATIONS.**
16. **BICYCLE RACKS SHALL BE 2'X6' WITH A 5' WIDE ACCESS AISLE FROM BEHIND.**

K1 PAVEMENT SECTION, LIGHT DUTY
NOT TO SCALE

K2 PAVEMENT SECTION, TRAIL
NOT TO SCALE

K3 PAVEMENT SECTION, HEAVY DUTY
NOT TO SCALE

LEGEND

C	CONCRETE PVMT., 8"		EXISTING TREE	G G G	EXISTING GAS
F	SIDEWALK, CONC., 5"		EXISTING FIRE HYDRANT	T T	EXISTING TELEPHONE
K1	PAVEMENT SECTION, LIGHT DUTY		EXISTING WATER VALVE	TV TV TV	EXISTING CABLE TV
K2	PAVEMENT SECTION, TRAIL		EXISTING BUFFALO BOX	E E E	EXISTING ELECTRICAL
K3	PAVEMENT SECTION, HEAVY DUTY	AD-2	EXISTING MAN HOLE	FOC FOC	EXISTING FIBER OPTIC CABLE
##	CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##		EXISTING CATCH BASIN	OH OH OH	EXISTING OVERHEAD ELECTRIC
6	SAW CUT, FULL DEPTH		EXISTING INLET	P P P	EXISTING PIPELINE
15	CONCRETE CURB AND GUTTER		EXISTING UTILITY POLE		EXISTING SANITARY
15A	DEPRESSED CURB AND GUTTER		EXISTING GUY WIRE		EXISTING STORM
15B	CONCRETE BARRIER CURB		EXISTING LIGHT POLE	W W	EXISTING WATERMAIN
15C	DEPRESSED BARRIER CURB		EXISTING TELEPHONE BOX	x x x	EXISTING CHAIN LINK FENCE
			EXISTING SIGN		EXISTING TREE LINE
			CONTROL POINT	SF SF SF	SILT FENCE
			PROPERTY CORNER		RIGHT-OF-WAY
					PROPERTY LINE / BUILDING LINE
					SECTION LINE

AD-2 REVISIONS:

1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.
2. "K3, PAVEMENT SECTION, HEAVY DUTY" HAS BEEN ADDED TO THE LEGEND AS ITEM K3.

AD-3 REVISIONS:

1. NOTES #13-#16 HAVE BEEN ADDED TO "CONSTRUCTION NOTES" REGARDING THE INSTALLATION OF BICYCLE RACKS.
2. CORRECTED THE WEIGHT PER YD² NUMBER FOR THE INTERMEDIATE AND AGGREGATE BASE LAYERS OF THE HEAVY DUTY PAVEMENT SECTION.

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PROJECT
NEW YOST ELEMENTARY SCHOOL

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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MAY REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED SITE PLAN
SECTION: 5 - WAGNER RD & BEAM ST INTERSECTION

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
C-09

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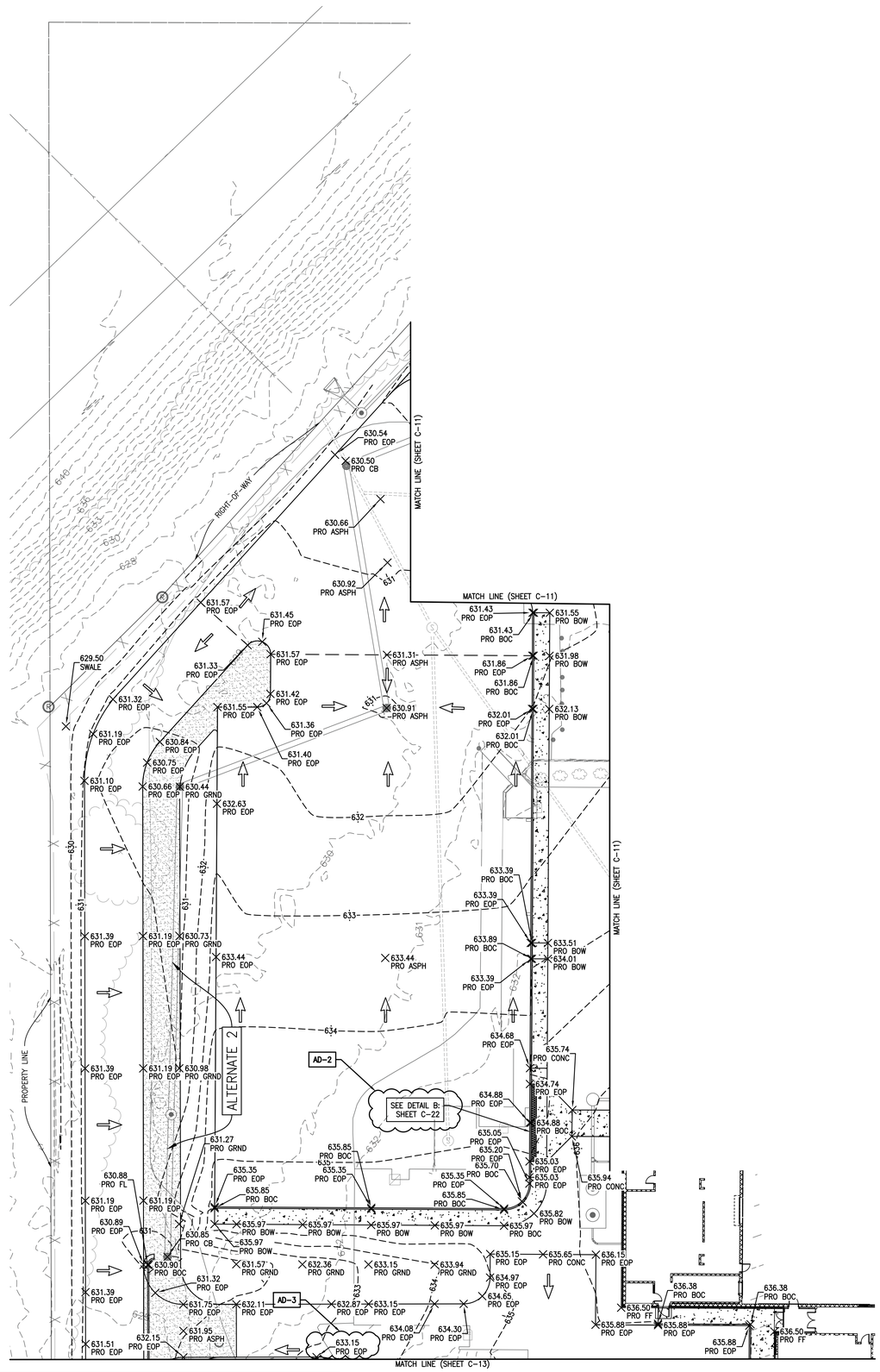

LEGEND

EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS	EXISTING STORM
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE	EXISTING WATERMAIN
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV	EXISTING CHAIN LINK FENCE
EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL	EXISTING TREE LINE
EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE	SILT FENCE
EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC	RIGHT-OF-WAY
EXISTING INLET		EXISTING PIPELINE	PROPERTY LINE / BUILDING LINE
EXISTING UTILITY POLE		EXISTING SANITARY	SECTION LINE

GRADING BREAK LINE

GRADING FLOW PATH

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:
1. "SEE DETAIL B: SHEET C-20" HAS BEEN ADJUSTED TO "SEE DETAIL B: SHEET C-22".

AD-3 REVISIONS:
1. THE ELEVATION OF THE PROPOSED EDGE OF PAVEMENT AT THE RADIUS HAS BEEN ADJUSTED FROM 633.27 TO 633.15.

20' 0 10' 20' 40'
1" = 20'-0"

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PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINALIN REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
GRADING PLAN
SECTION: 2 - WEST

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
C-12

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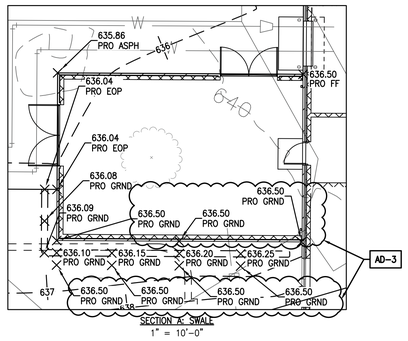
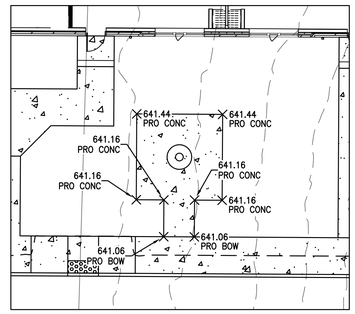
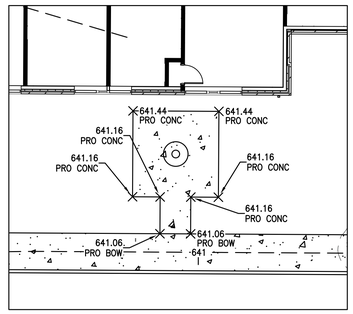


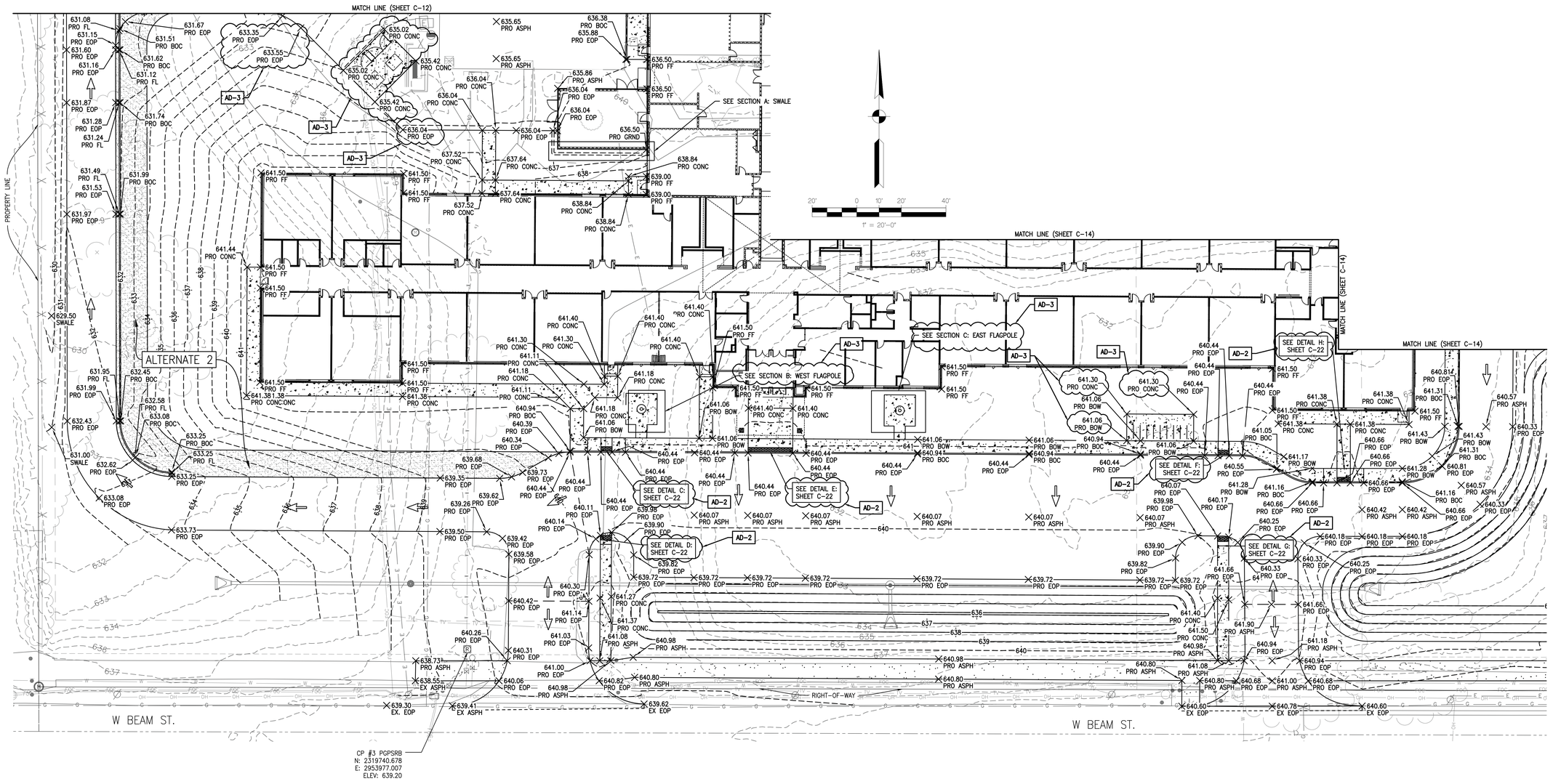
SECTION A: SWALE
1" = 10'-0"



SECTION B: WEST FLAG POLE
1" = 10'-0"



SECTION C: EAST FLAG POLE
1" = 10'-0"



LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE
			EXISTING STORM

GRADING BREAK LINE

GRADING FLOW PATH

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:

1. "SEE DETAIL C: SHEET C-20" THROUGH "SEE DETAIL H: SHEET C-20" HAVE BEEN ADJUSTED TO "SEE DETAIL C: SHEET C-22" THROUGH "SEE DETAIL H: SHEET C-22".

AD-3 REVISIONS:

1. REVISED PROPOSED GRADES OF THE PROPOSED BICYCLE PARKING AREA.
2. REVISED PROPOSED GRADES OF SECTION A: SWALE.
3. REVISED PROPOSED GRADES NEAR THE DUMPSTER ENCLOSURE LOCATION.
4. ADDED "SECTION B: WEST FLAGPOLE" AND "SECTION C: EAST FLAGPOLE" TO SHOW ALL GRADE CHANGES FOR NEWLY ADDED SIDEWALK.

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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MINNICK NO. 11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
GRADING PLAN
SECTION: 3 - SOUTH

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
C-13

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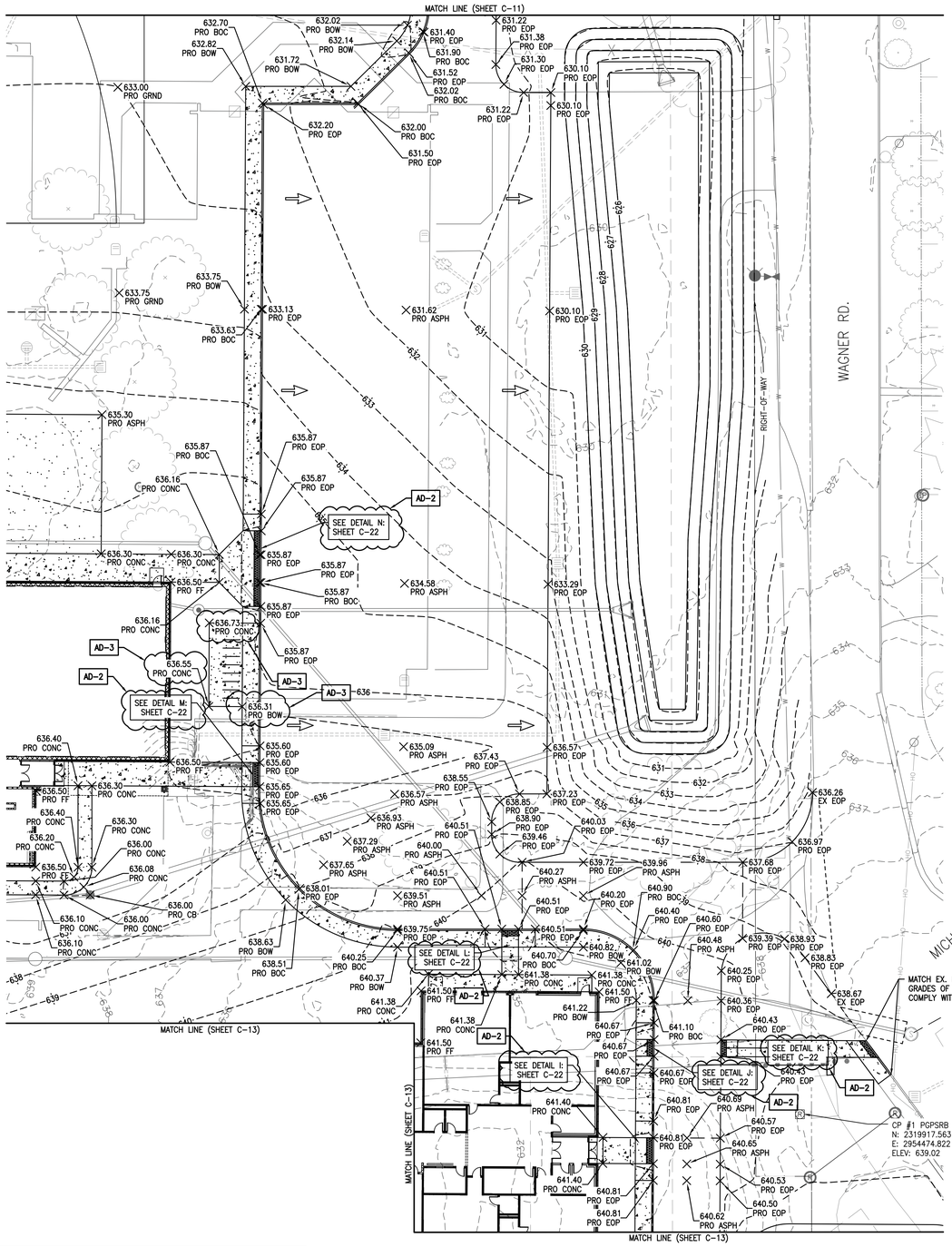

20' 0 10' 20' 40'

1" = 20'-0"

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
			EXISTING STORM
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE
			GRADING BREAK LINE
			GRADING FLOW PATH

GRADING NOTES:

1. IF ALTERNATE #1 IS NOT CONSTRUCTED THEN OPEN AREA SHALL SHEET DRAIN TO DETENTION POND NORTH OF THE ALTERNATE #1 AREA.
2. IF ALTERNATE #2 IS NOT CONSTRUCTED THEN OPEN AREA SHALL DRAIN TO STR. NO. 20 AND STR. NO. 21.

AD-2 REVISIONS:

1. "SEE DETAIL I: SHEET C-20" THROUGH "SEE DETAIL N: SHEET C-20" HAVE BEEN ADJUSTED TO "SEE DETAIL I: SHEET C-22" THROUGH "SEE DETAIL N: SHEET C-22".

AD-3 REVISIONS:

1. ADDED PROPOSED GRADES FOR THE PROPOSED BICYCLE PARKING AREA.

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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

REGISTERED MATTHEW L. MINNICK NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
GRADING PLAN
SECTION: 4 - EAST

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
C-14

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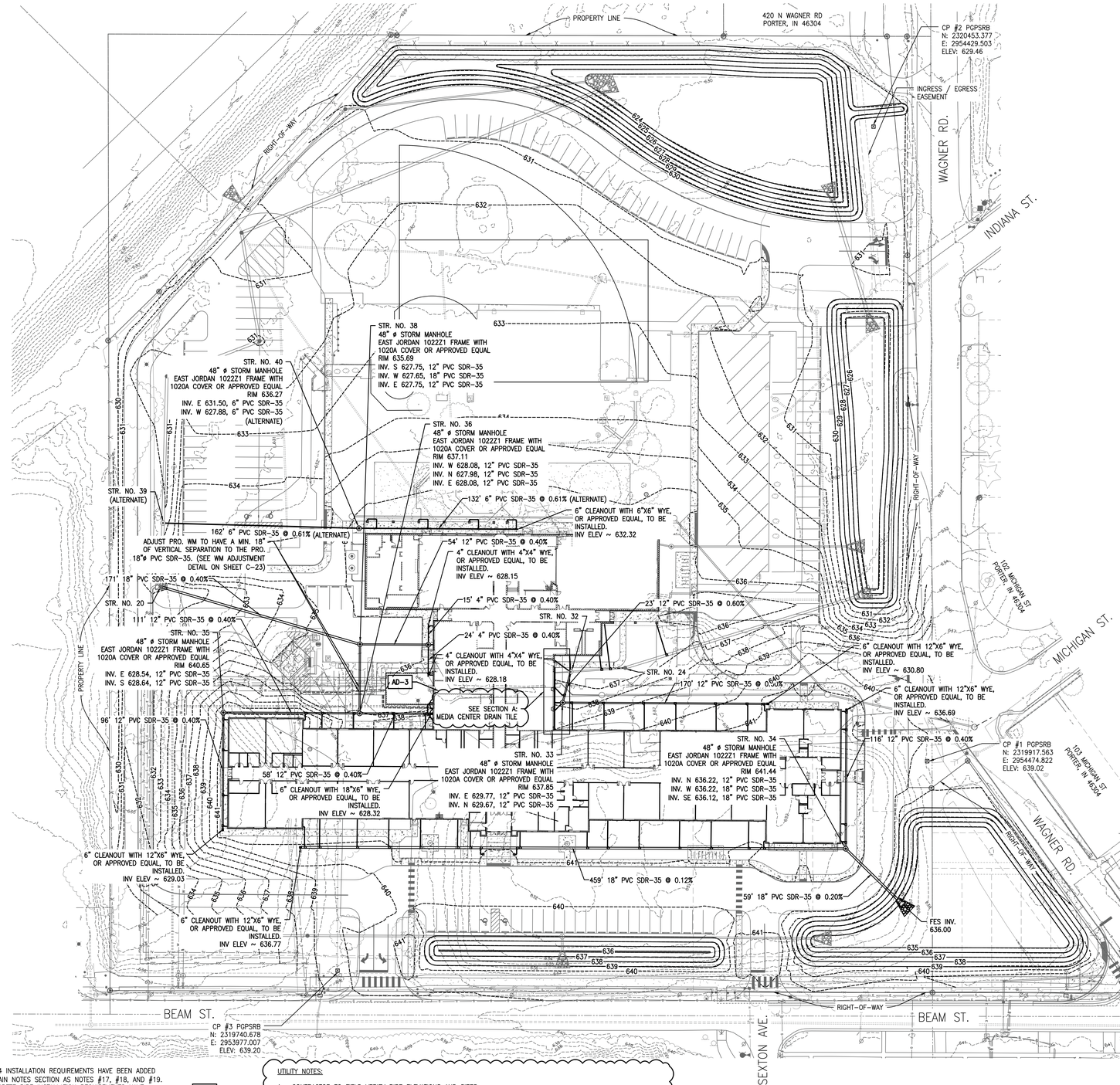
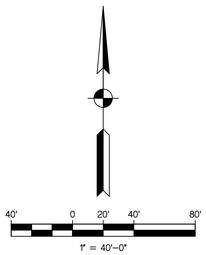
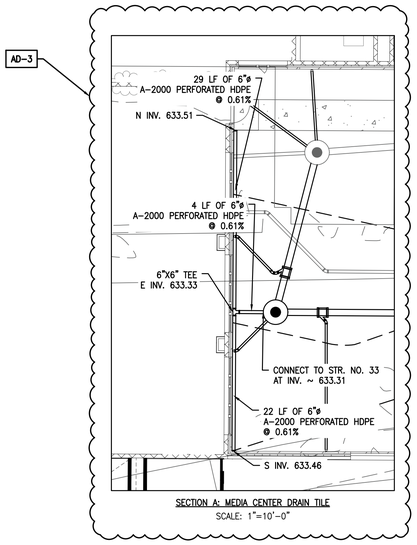
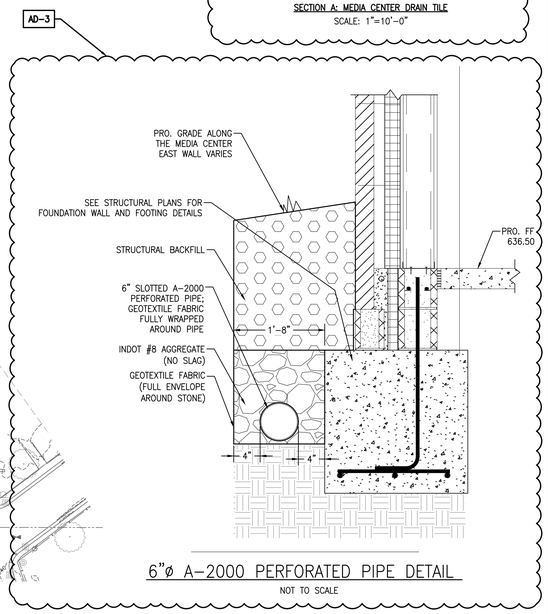






SECTION A: MEDIA CENTER DRAIN TILE
SCALE: 1"=10'-0"



6"ø A-2000 PERFORATED PIPE DETAIL
NOT TO SCALE

AD-2 REVISIONS:

1. PVC C900, DR-14 INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE WATER MAIN NOTES SECTION AS NOTES #17, #18, AND #19.
2. REINFORCED CONCRETE PIPE INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE UTILITY NOTES SECTION AS NOTES #8 AND #9.

AD-3 REVISIONS:

1. "SECTION A: MEDIA CENTER DRAIN TILE" SECTION VIEW HAS BEEN ADDED.
2. "SEE SECTION A: MEDIA CENTER DRAIN TILE" NOTE HAS BEEN ADDED.
3. 29 LF OF 6"ø A-2000 PERFORATED HDPE PIPE HAS BEEN ADDED FROM THE MEDIA CENTER EXIT TO THE PROPOSED 6"X6" TEE.
4. 22 LF OF 6"ø PERFORATED A-2000 HDPE PIPE HAS BEEN ADDED FROM THE SOUTHEAST CORNER OF THE MEDIA CENTER TO THE PROPOSED 6"X6" TEE.
5. A 6"X6" TEE WITH 4 LF OF 6"ø OF A-2000 PERFORATED HDPE PIPE HAS BEEN ADDED AND IS REFERENCED TO CONNECT TO STR. NO. 33.
6. ADDED "6"ø A-2000 PERFORATED PIPE" DETAIL.

AD-2

UTILITY NOTES:

1. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
2. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
3. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
4. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
5. ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
6. CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
7. IF ALTERNATE CANOPY NORTH OF PROPOSED BUILDING IS INSTALLED THEN STR. NO. 11 & 12 MUST BE SHIFTED NORTH 2 FEET.
8. **ALL INSTALLED REINFORCED CONCRETE PIPE SHALL BE CLASS IV.**
9. **CONTRACTOR OPTION: ALL STORM PVC SDR-35 PIPE 18"ø AND ABOVE MAY BE REPLACED WITH RCP AT THE SAME INVERT ELEVATIONS. 24"ø PVC SDR-35 MUST BE REPLACED WITH 30"ø RCP AND ANY CONNECTING STRUCTURES SHALL BE A MINIMUM OF 60"ø.**

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS		EXISTING STORM
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T T	EXISTING TELEPHONE	W W W	EXISTING WATERMAIN
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV	x x x	EXISTING CHAIN LINK FENCE
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL		EXISTING TREE LINE
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE	SF SF SF	SILT FENCE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC		RIGHT-OF-WAY
EXISTING INLET		P P P	EXISTING PIPELINE		PROPERTY LINE / BUILDING LINE
EXISTING UTILITY POLE			EXISTING SANITARY		SECTION LINE

AD-2

WATER MAIN NOTES:

1. INSTALLATION OF WATER MAIN, FITTINGS, VALVES, FIRE HYDRANTS, AND APPURTENANCES SHALL BE IN ACCORDANCE WITH INDIANA AMERICAN WATER STANDARDS AND SPECIFICATIONS, LATEST VERSION.
2. AT THE POINT OF CONNECTION TO EXISTING WATER MAINS, A TAPPING SLEEVE AND VALVE MAY BE REQUIRED TO BE INSTALLED IF THE EXISTING WATER MAIN CANNOT BE SHUT DOWN WITHOUT IMPACTING CUSTOMERS; TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
3. CONTRACTOR TO EXCAVATE AND DETERMINE ALL EXISTING WATER MAIN SIZES AND INTERCONNECTS PRIOR TO CUTTING AND CAPPING THE WATER MAIN THAT IS GOING TO BE REMOVED FROM SERVICE. ALL VALVES REMOVED FROM SERVICE SHALL BE TURNED CLOSED AND BURIED BEFORE ASPHALT SURFACE.
4. ALL FIRE HYDRANTS AND ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY FOR PROPER INSTALLATION AND USE INCLUDING VALVE AND 6"ø DUCTILE IRON PIPE.
5. ALL INSTALLED DUCTILE IRON WATER PIPE TO HAVE A MINIMUM COVER OF 5' DEPTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
6. FOR DUCTILE IRON PIPE INSTALLATION: THICKNESS 52 FOR TYPICAL DISTRIBUTION MAINS 12" NOMINAL SIZE AND SMALLER. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, PUSH-ON RESTRAINING GASKETS WITH INTEGRAL STAINLESS STEEL LOCKING SEGMENTS ARE PERMITTED ON PIPE-TO-PIPE CONNECTIONS 12" NOMINAL SIZE AND SMALLER.
7. ENCASE ALL DUCTILE IRON PIPING, DUCTILE IRON FITTINGS, VALVES, HYDRANTS, RESTRAINT HARNESSES, AND ALL OTHER METALLIC APPURTENANCES IN 12mil BLUE POLYETHYLENE.
8. ALL MJ T-BOLTS AND FLANGE BOLTS SHALL HAVE XYLAN OR FLUOROKOTE #1 CORROSION RESISTANT COATING.
9. THRUST RESTRAINT TO BE ACHIEVED THROUGH RESTRAINT OF PIPE JOINTS AND FITTINGS. THRUST BLOCKS ARE NOT AN ACCEPTABLE MEANS OF THRUST RESTRAINT, EXCEPT WHEN REQUIRED IN CONNECTING EXISTING WATER MAIN AND FOR INSTALLATION OF FIRE HYDRANTS. SEE SPECIFICATION SECTIONS 15105 AND THE RESTRAINED PIPE LENGTH TABLE ON DETAILS SHEET C-22 FOR PIPE JOINT RESTRAINT REQUIREMENTS FOR DUCTILE IRON PIPE.
10. COPPER-CLAD STEEL TRACER WIRE REQUIRED ON INSTALLATION OF ALL PIPE. TRACER WIRE SHALL BE TAPED TO PIPE OR POLYETHYLENE ENCASEMENT AT A MINIMUM SPACING OF 10-FEET. SPLICES SHALL BE ENCASED IN WATERPROOF CONNECTORS. WIRE AND CONNECTORS ARE TO BE COMPATIBLE AND FROM THE SAME MANUFACTURER. DETECTABLE TAPE IS REQUIRED ONE FOOT ABOVE ABOVE PIPE. CONTINUITY SHALL BE TESTED AFTER COMPLETION OF BACKFILL.
11. WATER MAIN ISOLATION BY MEANS OF VALVE CLOSURE SHALL BE COORDINATED WITH THE TOWN OF PORTER AND INDIANA AMERICAN WATER.
12. CONTRACTOR MUST SUBMIT SPECIFICATIONS SHEETS FOR BACKFLOW AND DOMESTIC METERING SCHEMATIC TO INDIANA AMERICAN WATER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. METER'S LARGER THAN 1 ½" REQUIRE A BYPASS.
13. SERVICE LINES LARGER THAN 2"ø MUST BE PRESSURE AND BACTERIA TESTED PRIOR TO METER INSTALL AND ACTIVATION. PRESSURE TESTING CANNOT BE COMPLETED AGAINST AN INDIANA AMERICAN WATER TAPPING VALVE. INDIANA AMERICAN WATER WILL TAP THE MAIN, INSTALL A CAP WITH A 2" FLUSH-OUT FOR THE CONTRACTOR TO COMPLETE THEIR TESTING AND FINAL TIE-IN AFTER TESTING. TWO CONSECUTIVE PASSING BACTERIA TESTS MUST BE SUBMITTED TO INDIANA AMERICAN WATER.
14. FIRE AND DOMESTIC WATER SERVICES SHALL BE INSTALLED WITH A CENTER TO CENTER SEPARATION OF 4' MIN., 4 ½' MAX.
15. SELECT FILL MATERIAL REQUIRED FOR FINAL BACKFILL WHEN WITHIN 5-FEET OF PAVEMENT PER SPECIFICATION SECTION 02210.
16. MAINTAIN THE REQUIRED 10-FEET OF HORIZONTAL SEPARATION AND 18" OF VERTICAL SEPARATION FROM SANITARY AND STORM SEWERS. MAINTAIN 8-FEET OR HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.
17. **FOR PVC C900 PIPE INSTALLATION: DR-14 PIPE IS REQUIRED. DEFLECTION OF PIPE JOINTS AND BENDING OF PIPES ARE NOT PERMITTED. ALL ANGLES SHALL BE MADE WITH PROPER FITTINGS. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, ALL JOINTS SHALL BE RESTRAINED WITH EXTERNAL SPLIT SERRATED RESTRAINT HARNESSES. SELECT FILL MATERIAL REQUIRED FOR BEDDING AND EMBEDMENT REGARDLESS OF PIPE'S PROXIMITY TO PAVEMENT. PVC C900 PIPE IS NOT ALLOWED FOR PIPES LARGER THAN 12-INCH.**
18. **ALL FIRE HYDRANT LATERALS SHALL BE DUCTILE IRON PIPE**
19. **CONTRACTOR OPTION: ALL 3"ø AND 4"ø DUCTILE IRON DOMESTIC SERVICE PIPE, AND 6"ø DUCTILE IRON FIRE SERVICE PIPE CAN BE SUBSTITUTED FOR PVC C900, DR-14.**

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PROJECT
NEW YOST ELEMENTARY SCHOOL

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GIBRALTAR DESIGN

PROJECT
21-134
DATE
03/31/22
COORDINATED BY
MLM / SB
DRAWN BY
SB
CHECKED BY
MLM

MATTHEW L. MINNICK REGISTERED NO. 11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

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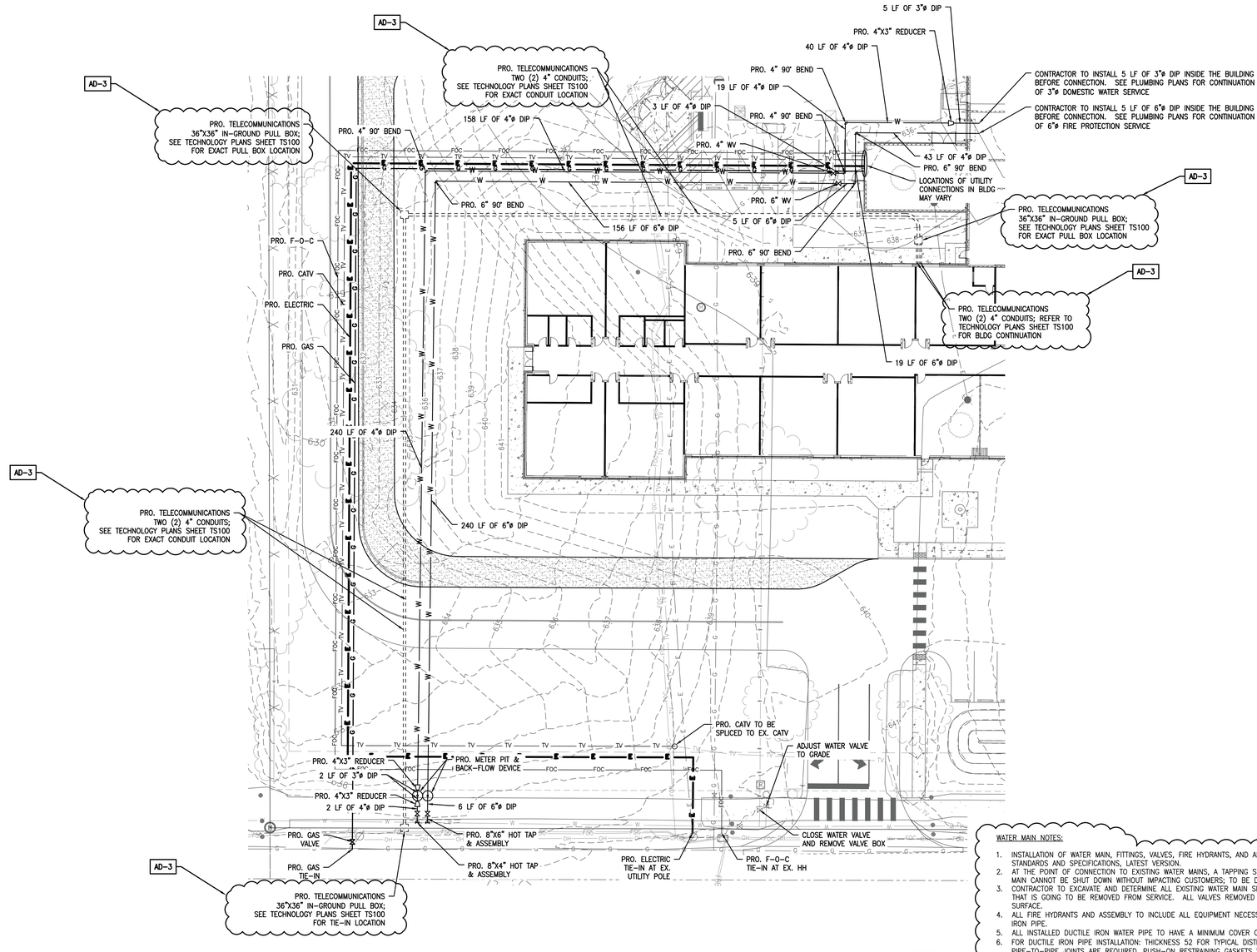
REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED DOWNSPOUT STORM CONNECTION PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL



20' 0 10' 20' 40'

1" = 20'-0"

AD-2 REVISIONS:
1. PVC C900, DR-14 INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE WATER MAIN NOTES SECTION AS NOTES #17, #18, AND #19.
2. REINFORCED CONCRETE PIPE INSTALLATION REQUIREMENTS HAVE BEEN ADDED TO THE UTILITY NOTES SECTION AS NOTES #8 AND #9.

AD-3 REVISIONS:
1. PROPOSED TELECOMMUNICATIONS CONDUITS AND PULL BOXES HAVE BEEN ADDED AND ITS REFERENCE TO THE TECHNOLOGY PLANS.

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS		EXISTING STORM
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE	W W	EXISTING WATERMAIN
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV	X X X	EXISTING CHAIN LINK FENCE
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL		EXISTING TREE LINE
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE	SF SF SF	SILT FENCE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC		RIGHT-OF-WAY
EXISTING INLET		P P P	EXISTING PIPELINE		PROPERTY LINE / BUILDING LINE
EXISTING UTILITY POLE			EXISTING SANITARY		SECTION LINE

AD-2

UTILITY NOTES:
1. CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
2. CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
3. GROUNDWATER HAS BEEN OBSERVED AT A DEPTH OF 13.5' BELOW THE EXISTING GROUND SURFACE AND MAY RISE.
4. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
5. ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
6. CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
7. IF ALTERNATE CANOPY NORTH OF PROPOSED BUILDING IS INSTALLED THEN STR. NO. 11 & 12 MUST BE SHIFTED NORTH 2 FEET.
8. **ALL INSTALLED REINFORCED CONCRETE PIPE SHALL BE CLASS IV.**
9. **CONTRACTOR OPTION: ALL STORM PVC SDR-35 PIPE 18"ø AND ABOVE MAY BE REPLACED WITH RCP AT THE SAME INVERT ELEVATIONS. 24"ø PVC SDR-35 MUST BE REPLACED WITH 30"ø RCP AND ANY CONNECTING STRUCTURES SHALL BE A MINIMUM OF 60"ø.**

AD-2

WATER MAIN NOTES:
1. INSTALLATION OF WATER MAIN, FITTINGS, VALVES, FIRE HYDRANTS, AND APPURTENANCES SHALL BE IN ACCORDANCE WITH INDIANA AMERICAN WATER STANDARDS AND SPECIFICATIONS, LATEST VERSION.
2. AT THE POINT OF CONNECTION TO EXISTING WATER MAINS, A TAPPING SLEEVE AND VALVE MAY BE REQUIRED TO BE INSTALLED IF THE EXISTING WATER MAIN CANNOT BE SHUT DOWN WITHOUT IMPACTING CUSTOMERS; TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
3. CONTRACTOR TO EXCAVATE AND DETERMINE ALL EXISTING WATER MAIN SIZES AND INTERCONNECTS PRIOR TO CUTTING AND CAPPING THE WATER MAIN THAT IS GOING TO BE REMOVED FROM SERVICE. ALL VALVES REMOVED FROM SERVICE SHALL BE TURNED CLOSED AND BURIED BEFORE ASPHALT SURFACE.
4. ALL FIRE HYDRANTS AND ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY FOR PROPER INSTALLATION AND USE INCLUDING VALVE AND 6"ø DUCTILE IRON PIPE.
5. ALL INSTALLED DUCTILE IRON WATER PIPE TO HAVE A MINIMUM COVER OF 5' DEPTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
6. FOR DUCTILE IRON PIPE INSTALLATION: THICKNESS 52 FOR TYPICAL DISTRIBUTION MAINS 12" NOMINAL SIZE AND SMALLER. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, PUSH-ON RESTRAINING GASKETS WITH INTEGRAL STAINLESS STEEL LOCKING SEGMENTS ARE PERMITTED ON PIPE-TO-PIPE CONNECTIONS 12" NOMINAL SIZE AND SMALLER.
7. ENCASE ALL DUCTILE IRON PIPING, DUCTILE IRON FITTINGS, VALVES, HYDRANTS, RESTRAINT HARNESSES, AND ALL OTHER METALLIC APPURTENANCES IN 12mil BLUE POLYETHYLENE.
8. ALL MJ T-BOLTS AND FLANGE BOLTS SHALL HAVE XYLAN OR FLUOROKOTE #1 CORROSION RESISTANT COATING.
9. THRUST RESTRAINT TO BE ACHIEVED THROUGH RESTRAINT OF PIPE JOINTS AND FITTINGS. THRUST BLOCKS ARE NOT AN ACCEPTABLE MEANS OF THRUST RESTRAINT, EXCEPT WHEN REQUIRED IN CONNECTING EXISTING WATER MAIN AND FOR INSTALLATION OF FIRE HYDRANTS. SEE SPECIFICATION SECTIONS 15105 AND THE RESTRAINED PIPE LENGTH TABLE ON DETAILS SHEET C-22 FOR PIPE JOINT RESTRAINT REQUIREMENTS FOR DUCTILE IRON PIPE.
10. COPPER-CLAD STEEL TRACER WIRE REQUIRED ON INSTALLATION OF ALL PIPE. TRACER WIRE SHALL BE TAPED TO PIPE OR POLYETHYLENE ENCASEMENT AT A MINIMUM SPACING OF 10-FEET. SPLICES SHALL BE ENCASED IN WATERPROOF CONNECTORS. WIRE AND CONNECTORS ARE TO BE COMPATIBLE AND FROM THE SAME MANUFACTURER. DETECTABLE TAPE IS REQUIRED ONE FOOT ABOVE ABOVE PIPE. CONTINUITY SHALL BE TESTED AFTER COMPLETION OF BACKFILL.
11. WATER MAIN ISOLATION BY MEANS OF VALVE CLOSURE SHALL BE COORDINATED WITH THE TOWN OF PORTER AND INDIANA AMERICAN WATER.
12. CONTRACTOR MUST SUBMIT SPECIFICATIONS SHEETS FOR BACKFLOW AND DOMESTIC METERING SCHEMATIC TO INDIANA AMERICAN WATER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. METER'S LARGER THAN 1 ½" REQUIRE A BYPASS.
13. SERVICE LINES LARGER THAN 2"ø MUST BE PRESSURE AND BACTERIA TESTED PRIOR TO METER INSTALL AND ACTIVATION. PRESSURE TESTING CANNOT BE COMPLETED AGAINST AN INDIANA AMERICAN WATER TAPPING VALVE. INDIANA AMERICAN WATER WILL TAP THE MAIN, INSTALL A CAP WITH A 2" FLUSH-OUT FOR THE CONTRACTOR TO COMPLETE THEIR TESTING AND FINAL TIE-IN AFTER TESTING. TWO CONSECUTIVE PASSING BACTERIA TESTS MUST BE SUBMITTED TO INDIANA AMERICAN WATER.
14. FIRE AND DOMESTIC WATER SERVICES SHALL BE INSTALLED WITH A CENTER TO CENTER SEPARATION OF 4' MIN., 4 ½' MAX.
15. SELECT FILL MATERIAL REQUIRED FOR FINAL BACKFILL WHEN WITHIN 5-FEET OF PAVEMENT PER SPECIFICATION SECTION 02210.
16. MAINTAIN THE REQUIRED 10-FEET OF HORIZONTAL SEPARATION AND 18" OF VERTICAL SEPARATION FROM SANITARY AND STORM SEWERS. MAINTAIN 8-FEET OR HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.
17. **FOR PVC C900 PIPE INSTALLATION: DR-14 PIPE IS REQUIRED. DEFLECTION OF PIPE JOINTS AND BENDING OF PIPES ARE NOT PERMITTED. ALL ANGLES SHALL BE MADE WITH PROPER FITTINGS. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, ALL JOINTS SHALL BE RESTRAINED WITH EXTERNAL SPLIT SERRATED RESTRAINT HARNESSES. SELECT FILL MATERIAL REQUIRED FOR BEDDING AND EMBEDMENT REGARDLESS OF PIPE'S PROXIMITY TO PAVEMENT. PVC C900 PIPE IS NOT ALLOWED FOR PIPES LARGER THAN 12-INCH.**
18. **ALL FIRE HYDRANT LATERALS SHALL BE DUCTILE IRON PIPE.**
19. **CONTRACTOR OPTION: ALL 3"ø AND 4"ø DUCTILE IRON DOMESTIC SERVICE PIPE, AND 6"ø DUCTILE IRON FIRE SERVICE PIPE CAN BE SUBSTITUTED FOR PVC C900, DR-14.**

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PROJECT
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PROJECT 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MIHALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED SITE UTILITIES

PROJECT
NEW YOST ELEMENTARY SCHOOL

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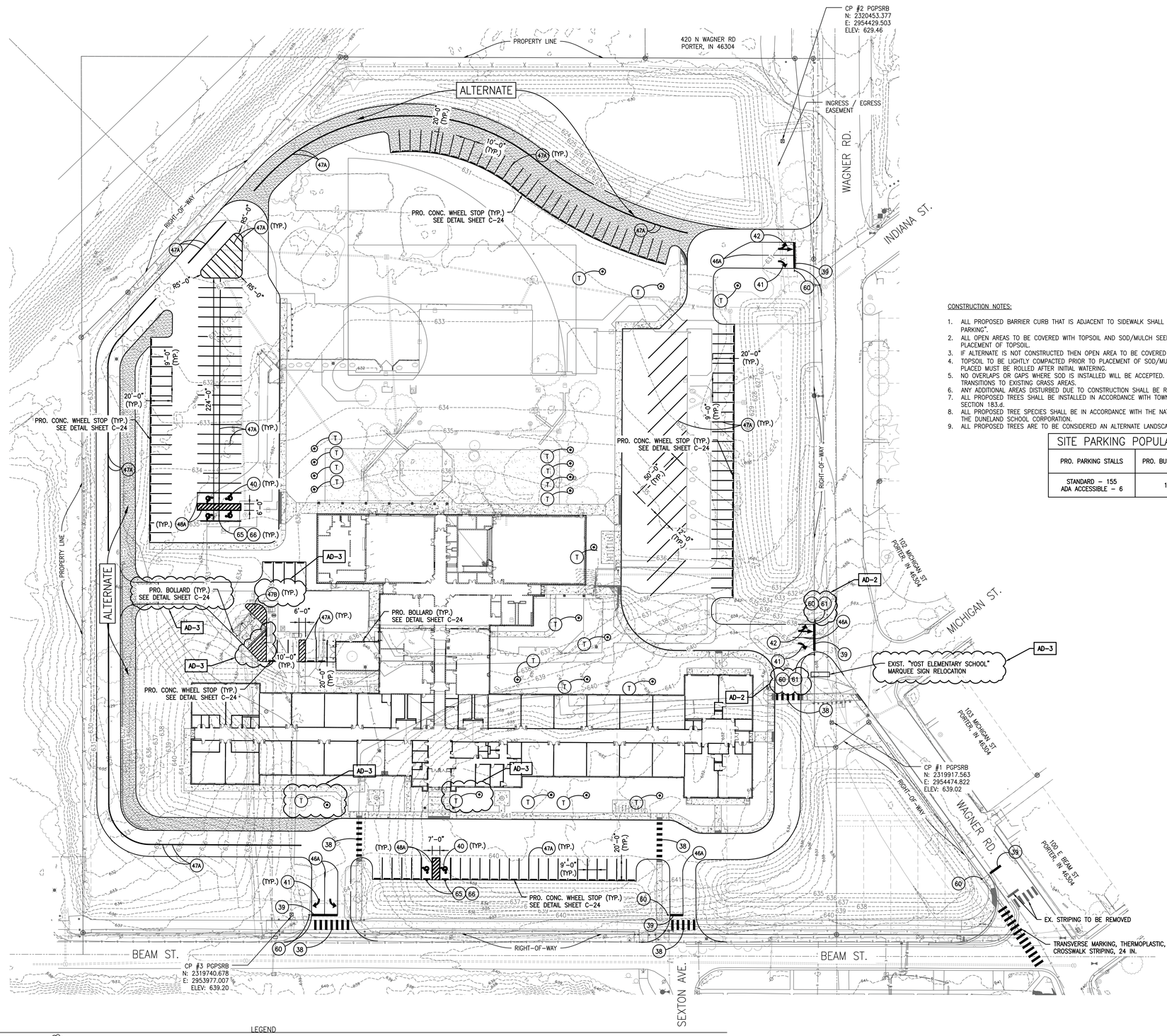


CONSTRUCTION NOTES:

1. ALL PROPOSED BARRIER CURB THAT IS ADJACENT TO SIDEWALK SHALL BE PAINTED YELLOW TO SIGNIFY "NO PARKING".
2. ALL OPEN AREAS TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED. ALL DEBRIS TO BE REMOVED PRIOR TO PLACEMENT OF TOPSOIL.
3. IF ALTERNATE IS NOT CONSTRUCTED THEN OPEN AREA TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED.
4. TOPSOIL TO BE LIGHTLY COMPACTED PRIOR TO PLACEMENT OF SOD/MULCH SEED. ANY AREAS WHERE SOD IS PLACED MUST BE ROLLED AFTER INITIAL WATERING.
5. NO OVERLAPS OR GAPS WHERE SOD IS INSTALLED WILL BE ACCEPTED. ALL SOD TO HAVE TIGHT JOINTS, INCLUDING TRANSITIONS TO EXISTING GRASS AREAS.
6. ANY ADDITIONAL AREAS DISTURBED DUE TO CONSTRUCTION SHALL BE REPAIRED.
7. ALL PROPOSED TREES SHALL BE INSTALLED IN ACCORDANCE WITH TOWN OF PORTER CODE ORDINANCES, ARTICLE XV, SECTION 183.d.
8. ALL PROPOSED TREE SPECIES SHALL BE IN ACCORDANCE WITH THE NATIVE LANDSCAPING OVERVIEW PROVIDED BY THE DUNELAND SCHOOL CORPORATION.
9. ALL PROPOSED TREES ARE TO BE CONSIDERED AN ALTERNATE LANDSCAPING OPTION.

SITE PARKING POPULATION	
PRO. PARKING STALLS	PRO. BUS STALLS
STANDARD – 155 ADA ACCESSIBLE – 6	13

LEGEND

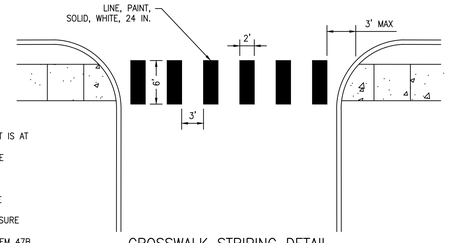
(38) TRANSVERSE MARKING, PAINT, CROSSWALK STRIPING, 24"	EXISTING TREE	EXISTING GUY WIRE	EXISTING GAS
(39) TRANSVERSE MARKING, PAINT, STOP LINE, 24"	EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	EXISTING TELEPHONE
(40) PVMT MESSAGE MARKING, PAINT, HANDICAP SYMBOL	EXISTING WATER VALVE	EXISTING TELEPHONE BOX	EXISTING CABLE TV
(41) PVMT MESSAGE MARKING, PAINT, TURN ARROW	EXISTING BUFFALO BOX	EXISTING SIGN	EXISTING ELECTRICAL
(42) PVMT MESSAGE MARKING, PAINT, STRAIGHT/TURN ARROW	EXISTING MAN HOLE	CONTROL POINT	EXISTING FIBER OPTIC CABLE
(46A) SOLID LINE, PAINT, WHITE, 4"	EXISTING CATCH BASIN	PROPERTY CORNER	EXISTING OVERHEAD ELECTRIC
(47A) SOLID LINE, PAINT, YELLOW, 4" AD-3	EXISTING INLET		EXISTING PIPELINE
(47B) SOLID LINE, PAINT, YELLOW, 8" AD-3	EXISTING UTILITY POLE		EXISTING SANITARY
(48A) SOLID LINE, PAINT, BLUE, 4"			EXISTING STORM
(60) R1-1, SIGN, "STOP", 30"X30"			EXISTING WATERMAIN
(61) R5-1, SIGN, "DO NOT ENTER", 30"X30" AD-2			EXISTING CHAIN LINK FENCE
(65) R7-8, SIGN, "RESERVED PARKING", 12"X18"			EXISTING TREE LINE
(66) R7-8P, SIGN, "VAN ACCESSIBLE", 12"X6"			SILT FENCE
(T) PROPOSED TREE			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

AD-2 REVISIONS:

1. ONE "STOP" SIGN HAS BEEN ADDED TO THE EXIT THAT IS AT THE INTERSECTION OF WAGNER RD. AND MICHIGAN ST.
2. TWO "DO NOT ENTER" SIGN'S HAVE BEEN ADDED TO THE EXIT THAT IS AT THE INTERSECTION OF WAGNER RD. AND MICHIGAN ST.
3. "R5-1, SIGN, "DO NOT ENTER", 30"X30"" HAS BEEN ADDED TO THE LEGEND AS ITEM # 61.

AD-3 REVISIONS:

1. PROPOSED TREES HAVE BEEN RELOCATED DUE TO PRO. FLAG POLE SIDEWALK ADDITION.
2. SIX TOTAL BOLLARDS HAVE BEEN ADDED AT THE DUMPSTER ENCLOSURE LOCATION.
3. "SOLID LINE, YELLOW, 8"" HAS BEEN ADDED TO THE LEGEND AS ITEM 47B.
4. YELLOW PAINT, 8" STRIPING HATCH HAS BEEN WIDENED AN ADDITIONAL 4'.
5. ADDED NOTE TO REFERENCE THE RELOCATION OF THE EXISTING MARQUEE SIGN.



CROSSWALK STRIPING DETAIL
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PROJECT 21–134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINNICK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
5/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
PROPOSED LANDSCAPING, LINE STRIPING, AND SIGNAGE

PROJECT
NEW YOST ELEMENTARY SCHOOL

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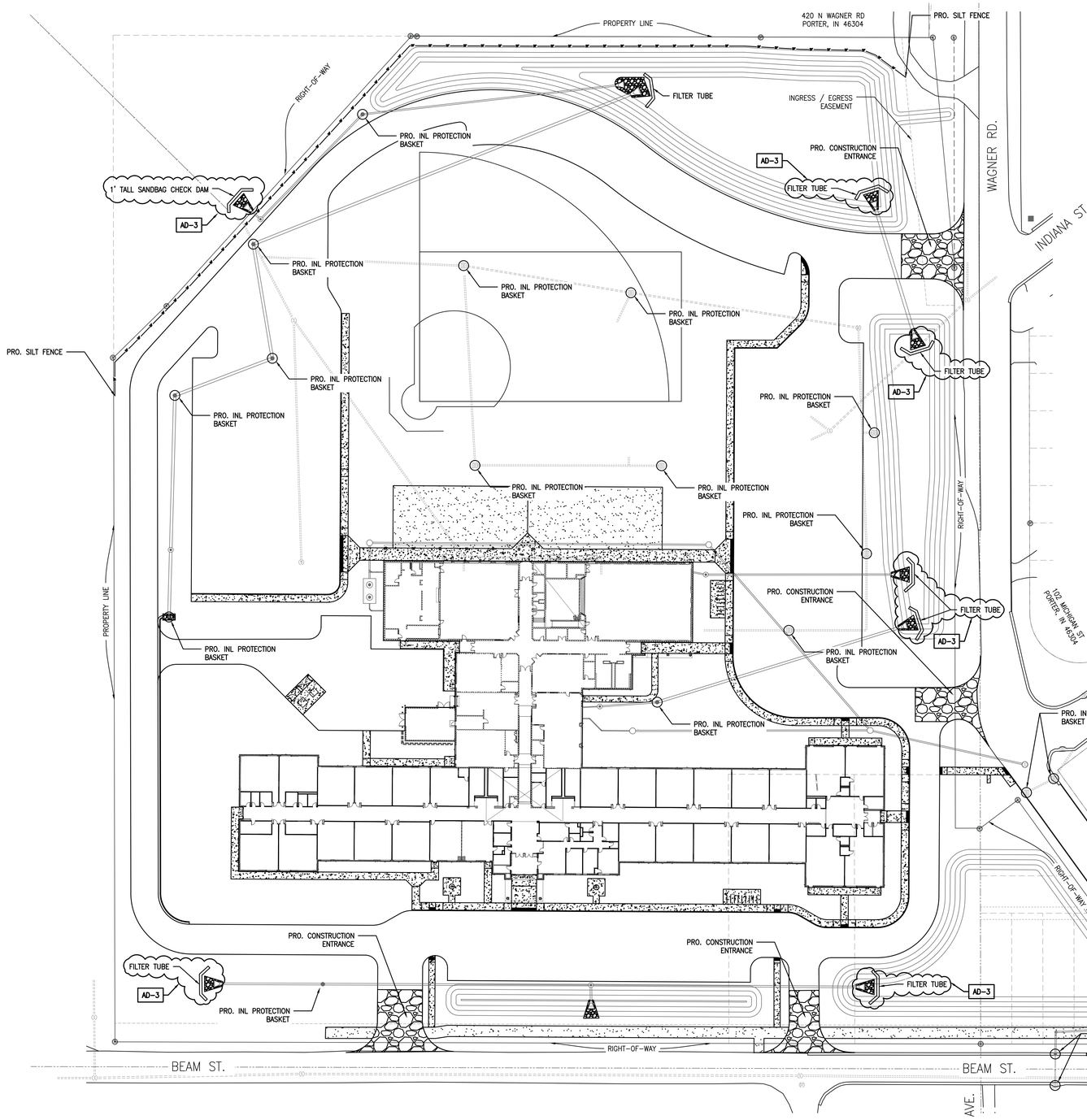
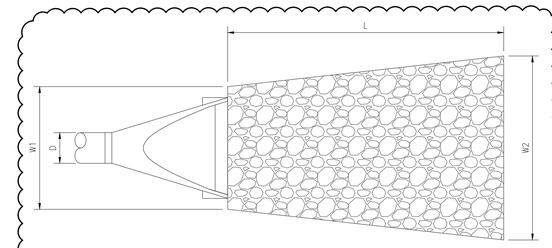




OUTLET PROTECTION PLAN VIEW
NOT TO SCALE

OUTLET PROTECTION SECTION VIEW
NOT TO SCALE

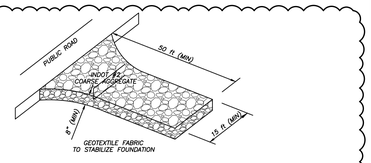
NOTES:
1. GEOTEXTILE FABRIC SHALL BE INSTALLED BELOW AND AROUND THE SIDES OF THE REQUIRED RIPRAP.
2. RIP RAP SHALL BE A WELL-GRADED MIXTURE OF STONE WITH 50 PERCENT OF THE STONE PIECES, BY WEIGHT, LARGER THAN THE d50 SIZE AND THE DIAMETER OF THE LARGEST STONE EQUAL TO 1.5 TIMES THE d50 DIZE.
3. EXCAVATE FOUNDATION AND APRON AREA SUBGRADES BELOW DESIGN ELEVATION TO ALLOW FOR THICKNESS OF THE FILTER MEDIUM AND RIPRAP.
4. COMPACT ANY FILL USED IN SUBGRADE PREPARATION TO THE DENSITY OF SURROUNDING UNDISTURBED SOIL MATERIAL.
5. PLACE GEOTEXTILE FABRIC ON SUBGRADE MATERIAL AND INSTALL RIPRAP TO THE CORRECT LINES AND ELEVATIONS. BLEND RIPRAP SMOOTHLY TO THE SURROUNDING GRADE.

OUTLET PROTECTION INFORMATION

PIPE SIZE "D" (IN.)	AVERAGE RIPRAP DIA. (IN.)	APRON WIDTH "W1" (FT.)	APRONG WIDTH "W2" (FT.)	APRON LENGTH "L" (FT.)	APRON THICKNESS "T" (IN.)
12 & 18	8	4	6	13	10
24	10	8	10	17	12

AD-3

40' 0 20' 40' 80'
1" = 40'-0"



INSTALLATION:
1- AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS
2- REMOVE ALL VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE AND CROWN FOR POSITIVE DRAINAGE
3- INSTALL 18" CULVERT IN SWALE AT ROAD TO INSURE PROPER DRAINAGE IF NECESSARY
4- PLACE STONE TO DIMENSIONS AND GRADE AS SHOWN BELOW
5- DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN

MAINTENANCE:
1- INSPECT ENTRANCE PAD AND SEDIMENT DISPOSAL AREA WEEKLY OR AFTER STORM EVENTS OR HEAVY USE
2- RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL
3- TOPDRESS WITH CLEAN STONE AS NEEDED
4- IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING, SCRAPING AND/OR SWEEPING. FLUSHING SHOULD ONLY BE USED IF THE WATER IS CONVEYED INTO A SEDIMENT TRAP OR BASIN
5- REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY

TEMPORARY STONE CONSTRUCTION ENTRANCE
NOT TO SCALE

AD-3

AD-3 REVISIONS:
1. ADDED DETAILS FOR CONSTRUCTION ENTRANCE
2. ADDED DETAIL AND NOTES FOR RIP RAP OUTLET PROTECTION.
3. ADDED SAND BAG OR FILTER TUBE RUNOFF PROTECTION AT FLARED END SECTIONS

LEGEND

EXISTING TREE	EXISTING GUY WIRE	G G G	EXISTING GAS
EXISTING FIRE HYDRANT	EXISTING LIGHT POLE	T T	EXISTING TELEPHONE
EXISTING WATER VALVE	EXISTING TELEPHONE BOX	TV TV TV	EXISTING CABLE TV
EXISTING BUFFALO BOX	EXISTING SIGN	E E E	EXISTING ELECTRICAL
EXISTING MAN HOLE	CONTROL POINT	FOC FOC	EXISTING FIBER OPTIC CABLE
EXISTING CATCH BASIN	PROPERTY CORNER	OH OH OH	EXISTING OVERHEAD ELECTRIC
EXISTING INLET		P P P	EXISTING PIPELINE
EXISTING UTILITY POLE			EXISTING SANITARY
			EXISTING STORM
		W W	EXISTING WATERMAIN
		x x x	EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
		SF SF SF	SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

NOTES:
1. CONTRACTOR TO PROVIDE CONCRETE WASHOUT AREA. AREA CAN BE RELOCATED IF NECESSARY.
2. INLET PROTECTION SHALL BE INSTALLED AT EVERY EXISTING DRAINAGE STRUCTURE AND PROPOSED DRAINAGE STRUCTURE. INLET PROTECTION SHALL BE INSTALLED UPON BEGINNING OF THE PROJECT AND SHALL REMAIN IN PLACE ON EXISTING DRAINAGE STRUCTURE FOR DURATION OF PROJECT OR UNTIL STRUCTURE IS REMOVED. INLET PROTECTION SHALL BE INSTALLED ON PROPOSED DRAINAGE STRUCTURES UPON INSTALLATION OF STRUCTURE AND SHALL REMAIN IN PLACE UNTIL COMPLETION OF SURFACE STABILIZATION.
2. INLET PROTECTION BASKETS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT OF 0.5" OR GREATER. REMOVE ANY ACCUMULATED DEBRIS AND SEDIMENT. REPAIR ANY DAMAGE TO INSERT BASKET IF ANY IS DETECTED.
3. REMOVE ANY DEPOSITED SEDIMENT FROM INLET FILTER BASKETS AND STONE BAG INLET PROTECTION ONCE THE LEVEL OF SEDIMENT REACHES HALF THE STORAGE HEIGHT OF THE CONTROL MEASURE, OR MORE OFTEN IF EXCESSIVE SEDIMENTATION IS EXPERIENCED. REMOVE GRATE FROM DRAINAGE STRUCTURE AND COLLECT DEBRIS FROM FILTER BASKET EITHER MANUALLY OR BY VACUUMING. IF A LAYER OF CLOGGING SILT REMAINS ON INSIDE OF FILTER BASKET BAG, FLUSH WITH WATER FOR OPTIMAL FILTRATION. ALL SEDIMENT REMOVED SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO ENTER THE STORM SEWER SYSTEM.
4. IF ANY INLET FILTER BASKET OR STONE BAGS DEVELOP HOLES, FAIL TO PASS WATER OR BECOME INEFFECTIVE FOR ANY REASON, REPLACE THE AFFECTED CONTROL MEASURE, OR PORTION THEREOF.
5. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AS SHOWN ABOVE AT ALL STREET APPROACHES.
6. CONSTRUCTION ENTRANCES SHALL BE A MINIMUM OF 8" IN DEPTH AND SHALL CONSIST OF INDIANA CA #2. THE #2 AGGREGATE MAY BE TOP DRESSED WITH INDIANA CA #53.
7. CONSTRUCTION ENTRANCES SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT OF 0.5" OR GREATER. ENTRANCES SHALL BE RESHAPED OR HAVE MORE STONE ADDED AS NEEDED.
8. IMMEDIATELY REMOVE SEDIMENT AND MUD TRACKED OR WASHED ONTO PUBLIC ROADWAYS BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED IF THE WATER IS CONVEYED INTO A SEDIMENT TRAP OR BASIN.
9. CONCRETE WASHOUT MAY BE RELOCATED BY CONTRACTOR AS REQUIRED. CONCRETE WASHOUT MAY BE OMITTED IF CONCRETE DELIVERY TRUCKS HAVE ONBOARD WASHOUT SYSTEMS.

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PROJECT 21-134
DATE 03/31/22
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MATTHEW L. MINKLIN REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/28/22	ADDENDUM 3

DRAWING
EROSION CONTROL

PROJECT
NEW YOST ELEMENTARY SCHOOL

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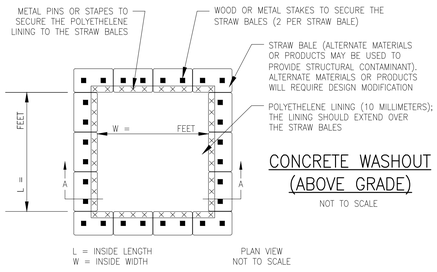
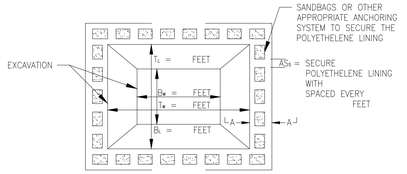
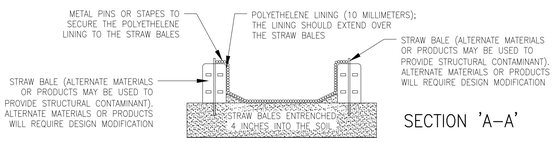


CONCRETE WASHOUT (ABOVE GRADE)

NOT TO SCALE

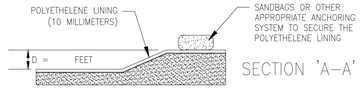




SECTION 'A–A'

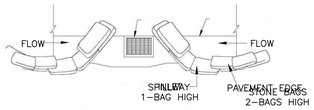
SILT FENCE INSTALLATION DETAIL

(N.T.S.)



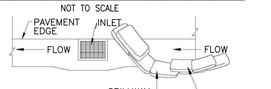
SECTION 'A–A'

CONCRETE WASHOUT (BELOW GRADE)



STONE BAG PROTECTION – INLET ON SUMP

NOT TO SCALE

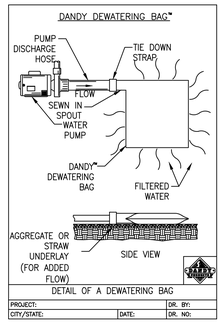


STONE BAG PROTECTION – INLET ON GRADE

NOT TO SCALE

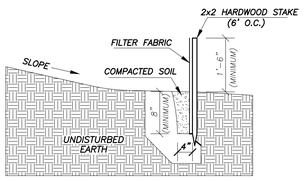
NOTES:

1. OVERLAP STONE BAGS ONTO CURB OR SIDEWALK, AS APPLICABLE.
2. INTENDED FOR SHORT–TERM USE, IN CONJUNCTION WITH INLET FILTER BASKET PROTECTION.
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
4. STONE AGGREGATE MUST BE LARGER THAN STORM SEWER GRATE OPENINGS TO PREVENT IT FROM FALLING INTO THE STORM SEWER IN THE EVENT A BAG BREAKS.



DEWATERING FILTER BAG

NOT TO SCALE



SPECIFICATIONS FOR SILT FENCE FABRIC

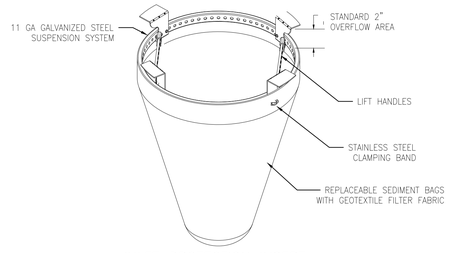
PHYSICAL PROPERTY	WOVEN FABRIC	NON–WOVEN FABRIC
FILTERING EFFICIENCY	85%	85%
TENSILE STRENGTH AT 20 % ELONGATION:		
STANDARD STRENGTH	30 LBS./LINEAL IN.	50 LBS./LINEAL IN.
EXTRA STRENGTH	50 LBS./LINEAL IN.	70 LBS./LINEAL IN.
SLURRY FLOW RATE	0.3 GAL./MIN./SQ. FT.	4.5 GAL./MIN./SQ. FT.
WATER FLOW RATE	15 GAL./MIN./SQ. FT.	220 GAL./MIN./SQ. FT.
UV RESISTANCE	70%	85%

MAXIMUM LAND SLOPE AND DISTANCE FOR WHICH A SILT FENCE IS APPLICABLE

LESS THAN 2%	100 FT.
2 TO 5%	75 FT.
5 TO 10%	50 FT.
10 TO 20%	25 FT.
MORE THAN 20%	15 FT.

ADDITIONAL SILT FENCE REQUIREMENTS

LOCATION: FENCE NEARLY LEVEL, APPROXIMATELY FOLLOWING THE LAND CONTOUR, AND AT LEAST 10 FT. FROM TOE OF SLOPE TO PROVIDE A BROAD, SHALLOW SEDIMENT POOL
TRENCH: 8 IN. MINIMUM DEPTH, FLAT BOTTOM, FILLED WITH COMPACTED SOIL TO BURY LOWER PORTION OF FENCE FABRIC (SEE DRAWING ABOVE)
SUPPORT POSTS: 2x2 HARDWOOD POSTS SET AT LEAST 1 FT. DEEP
SPACING OF POSTS: 6 FT. MAXIMUM – SEE DRAWING ABOVE
FENCE HEIGHT: HIGH ENOUGH SO THAT DEPTH OF IMPOUNDED WATER DOES NOT EXCEED 1–1/2 FT. AT ANY POINT ALONG FENCE LINE
FENCE FABRIC: WOVEN OR NON–WOVEN GEOTEXTILE FABRIC WITH SPECIFIED FILTERING EFFICIENCY AND TENSILE STRENGTH (SEE SPECIFICATIONS FOR SILT FENCE FABRIC ABOVE) AND CONTAINING UV INHIBITORS AND STABILIZERS TO ENSURE 6–MONTH MINIMUM LIFE AT TEMPERATURES 0°–120°F
ADDITIONALLY: PROVIDE ACCESS TO AREA IF SEDIMENT CLEANOUT WILL BE NEEDED IF USING PRE–PACKED COMMERCIAL SILT FENCE RATHER THAN CONSTRUCTING ONE, FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS

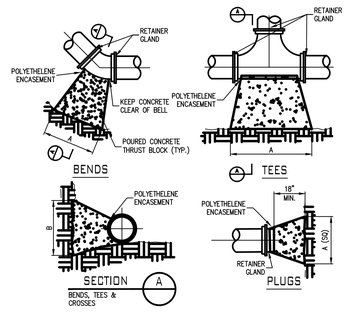


INLET PROTECTION INSERT

NOT TO SCALE

INLET PROTECTION NOTES:

1. INLET PROTECTION SHALL BE INSTALLED AT EVERY EXISTING DRAINAGE STRUCTURE AND PROPOSED DRAINAGE STRUCTURE. INLET PROTECTION SHALL BE INSTALLED UPON BEGINNING OF THE PROJECT AND SHALL REMAIN IN PLACE ON EXISTING DRAINAGE STRUCTURE FOR DURATION OF PROJECT OR UNTIL STRUCTURE IS REMOVED. INLET PROTECTION SHALL BE INSTALLED ON PROPOSED DRAINAGE STRUCTURES UPON INSTALLATION OF STRUCTURE AND SHALL REMAIN IN PLACE UNTIL COMPLETION OF SURFACE STABILIZATION.
2. INLET PROTECTION BASKETS SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAIN EVENT OF 0.5" OR GREATER. REMOVE ANY ACCUMULATED DEBRIS AND SEDIMENT. REPAIR ANY DAMAGE TO INSERT BASKET IF ANY IS DETECTED.
3. REMOVE ANY DEPOSITED SEDIMENT FROM INLET FILTER BASKETS AND STONE BAG INLET PROTECTION ONCE THE LEVEL OF SEDIMENT REACHES HALF THE STORAGE HEIGHT OF THE CONTROL MEASURE, OR MORE OFTEN IF EXCESSIVE SEDIMENTATION IS EXPERIENCED. REMOVE GRATE FROM DRAINAGE STRUCTURE AND COLLECT DEBRIS FROM FILTER BASKET EITHER MANUALLY OR BY VACUUMING. IF A LAYER OF CLOGGING SILT REMAINS ON INSIDE OF FILTER BASKET BAG, FLUSH WITH WATER FOR OPTIMAL FILTRATION. ALL SEDIMENT REMOVED SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO ENTER THE STORM SEWER SYSTEM.
4. IF ANY INLET FILTER BASKET OR STONE BAGS DEVELOP HOLES, FAIL TO PASS WATER OR BECOME INEFFECTIVE FOR ANY REASON, REPLACE THE AFFECTED CONTROL MEASURE, OR PORTION THEREOF.



THRUST BLOCK DETAIL

N.T.S.

NOTES:

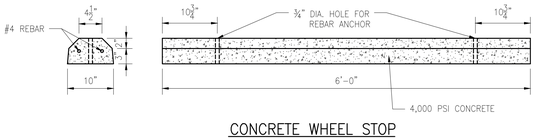
1. THRUST BLOCK DIMENSIONS SHALL BE PROVIDED BY THE DESIGN ENGINEER.
2. THRUST BLOCKS SHALL BE INSTALLED AGAINST UNDISTURBED SOIL WITH ADEQUATE BEARING TO PREVENT MOVEMENT OF FITTING.
3. NO THRUST BLOCKS TO BE PLACED IN SEWER LATERAL DITCHES.
4. THRUST BLOCKING MUST FIT IN EASEMENT, IN SOME CASES ADDITIONAL RESTRAINT MAY BE REQUIRED.
5. DESIGN TO BE BASED ON 200 PSI HYDROSTATIC WATER PRESSURE (150 PSI STATIC PRESSURE PLUS 50 PSI WATER HAMMER).
6. INSTALL POLYETHYLENE ENCASEMENT ON ALL D.I. PIPE AND FITTINGS PRIOR TO POURING CONCRETE.
7. PIPE JOINTS AND BOLTS MUST BE ACCESSIBLE.
8. ALLOW SUFFICIENT CLEARANCE BETWEEN CONCRETE AND BOLTS FOR FUTURE MAINTENANCE.
9. ALL ANCHOR BOLTS SHALL BE CORROSION RESISTANT, AND SIZED PER SPECIFICATION.
10. THRUST BLOCKING DETAILS ARE SHOWN HERE FOR TYPICAL INSTALLATIONS. IN SOME CASES, ADDITIONAL RESTRAINT MAY BE REQUIRED.
11. CONCRETE USED FOR THRUST BLOCKS SHALL BE MIN 3000 PSI CONCRETE.
12. FOR UNSTABLE SOIL CONDITIONS, THE ENGINEER SHALL VERIFY THRUST BLOCK DIMENSIONS.

INDIANA AMERICAN WATER
ENGINEERING DEPARTMENT
153 N. EMERSON AVENUE
GREENWOOD, INDIANA 46143

STANDARD DETAIL

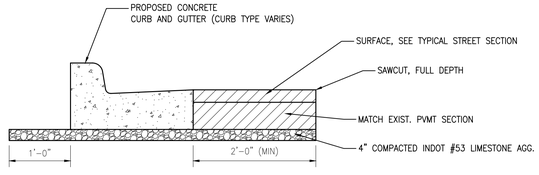
THRUST BLOCKS

DATE: JANUARY, 2018	DRAWN BY: S. FORD
LATEST REV: JANUARY, 2018	APP'D BY: E.N.



CONCRETE WHEEL STOP

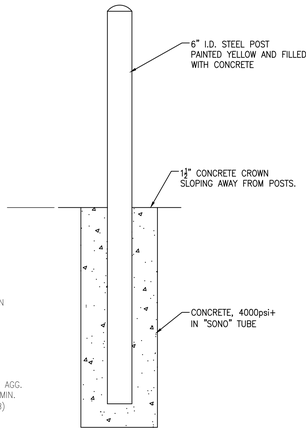
NOT TO SCALE



NOTE: MIN. 4–INCHES OF COMPACTED INDOT #53 AGGREGATE (NO SLAG) REQUIRED BELOW CURB AND GUTTER. TO BE USED IN AREAS NOT ADJACENT TO FULL DEPTH ASPHALT PATCHING.

ASPHALT PAVEMENT PATCH ADJACENT TO CURB AND GUTTER REPLACEMENT

NOT TO SCALE



BOLLARD SECTION DETAIL

NOT TO SCALE

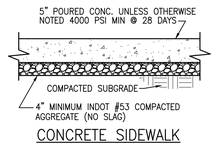
NOTE:
REMOVABLE BOLLARD TO BE THE SAME STYLE, SIZE & LOCKABLE. HINGE AT BASE, BOLTED TO CONCRETE AND FLUSH WITH GRADE. BOLLARDS TO BE APPROVED BY ENGINEER.

STABILIZATION PRACTICE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			1 →			2 →		1 →	2 →			
DORMANT SEEDING	3 →										3 →	
TEMPORARY SEEDING			5 →			6 →						
			4 →		2 →	4 →						
SODDING			7 →			2 →			7 →			
MULCHING												→

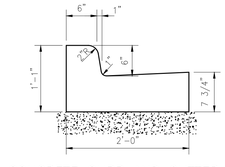
1 = Optimal planting for most turf mixes when properly fertilized, hydro–mulched, or straw mulched.
2 = Reduce Bluegrass % in mixes during this period.
3 = Seed only when germination cannot occur and increase seeding rates by 25% during this period.
4 = Annual ryegrass 50 lb per acre (1 lb. / 1000 s.f.)
5 = Spring oats 3 bu. per acre
6 = Wheat or Rye 2 bu. per acre
7 = Sod, irrigate 2–3 weeks after installation

SEE SECTION 02481 OF PROJECT SPECIFICATIONS FOR SODDING REQUIREMENTS.

SEASONAL SOIL PROTECTION CHART

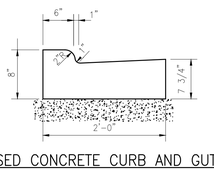


CONCRETE SIDEWALK



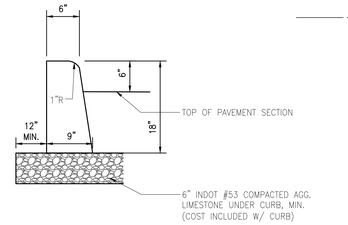
CONCRETE CURB AND GUTTER

NOT TO SCALE



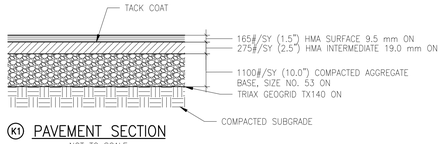
DEPRESSED CONCRETE CURB AND GUTTER AT DRIVES AND AT ALL ALLEY INTERSECTIONS

NOT TO SCALE



CONCRETE BARRIER CURB

NOT TO SCALE



K1 PAVEMENT SECTION

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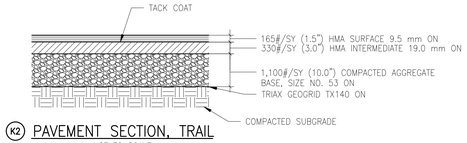
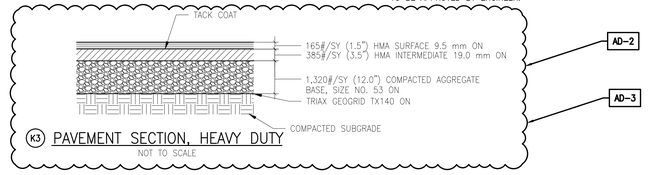


K2 PAVEMENT SECTION, TRAIL

NOT TO SCALE



K3 PAVEMENT SECTION, HEAVY DUTY

NOT TO SCALE

AD–2 REVISIONS:
1. "K3, PAVEMENT SECTION, HEAVY DUTY" DETAIL HAS BEEN ADDED.

AD–3 REVISIONS:
1. CORRECTED THE WEIGHT PER YD² NUMBER FOR THE INTERMEDIATE AND AGGREGATE BASE LAYERS OF THE HEAVY DUTY PAVEMENT SECTION.

Thursday, 4/28/2022 – 2:06 PM – LAST SAVED BY:SBERRIOS
X:\PROJECTS\GIBRALTAR\21–058 YOST ELEM\DWGS\2022 0422 YOST ELEMENTARY_REV03.DWG

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana. 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

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 21–134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MINALIN, REGISTERED, NO.11500308, STATE OF INDIANA, PROFESSIONAL ENGINEER
3/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD–2	04/21/22	ADDENDUM 2
AD–3	04/28/22	ADDENDUM 3

DRAWING
DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

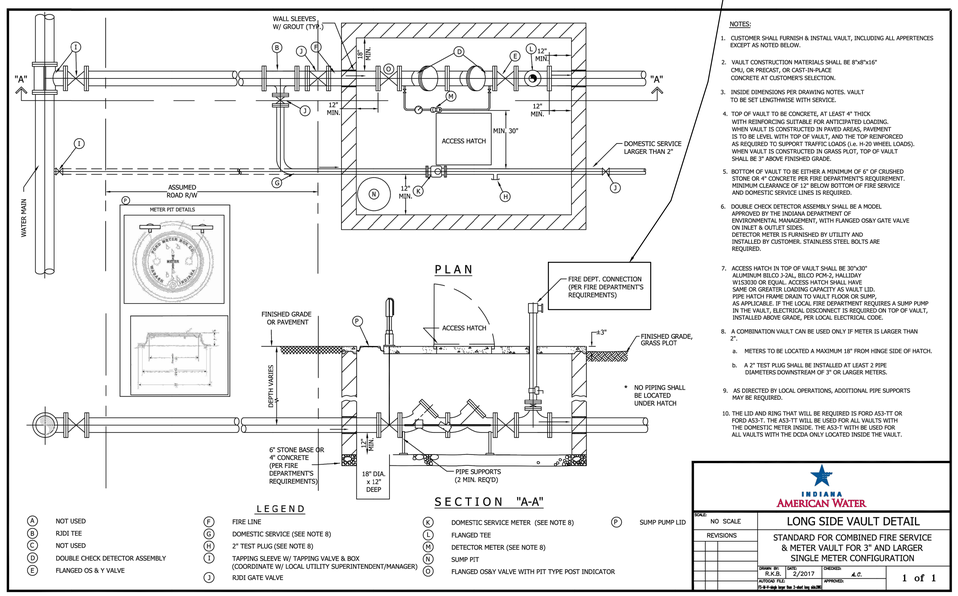
© GIBRALTAR DESIGN

SHEET
C-24

AD-3

~~FIRE PROTECTION CONNECTION SHALL BE IN ACCORDANCE WITH FP-001 ON FIRE PROTECTION PLANS~~

AD-2



NOTES:

1. CUSTOMER SHALL FURNISH & INSTALL VAULT, INCLUDING ALL APPERTENCES EXCEPT AS NOTED BELOW.
2. VAULT CONSTRUCTION MATERIALS SHALL BE 8'x8'x16' CMU, OR PRECAST, OR CAST-IN-PLACE CONCRETE AT CUSTOMER'S SELECTION.
3. INSIDE DIMENSIONS PER DRAWING NOTES. VAULT TO BE SET LENGTHWISE WITH SERVICE.
4. TOP OF VAULT TO BE CONCRETE, AT LEAST 4" THICK WITH REINFORCING SUITABLE FOR ANTICIPATED LOADING. WHEN VAULT IS CONSTRUCTED IN PAVED AREAS, PAVEMENT IS TO BE LEVEL WITH TOP OF VAULT, AND THE TOP REINFORCED AS REQUIRED TO SUPPORT TRAFFIC LOADS (i.e. H-20 WHEEL LOADS). WHEN VAULT IS CONSTRUCTED IN GRASS PLOT, TOP OF VAULT SHALL BE 3" ABOVE FINISHED GRADE.
5. BOTTOM OF VAULT TO BE EITHER A MINIMUM OF 6" OF CRUSHED STONE OR 4" CONCRETE PER FIRE DEPARTMENT'S REQUIREMENT. MINIMUM CLEARANCE OF 12" BELOW BOTTOM OF FIRE SERVICE AND DOMESTIC SERVICE LINES IS REQUIRED.
6. DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE A MODEL APPROVED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, WITH FLANGED OS&Y GATE VALVE ON INLET & OUTLET SIDES. DETECTOR METER IS FURNISHED BY UTILITY AND INSTALLED BY CUSTOMER. STAINLESS STEEL BOLTS ARE REQUIRED.
7. ACCESS HATCH IN TOP OF VAULT SHALL BE 30"x30" ALUMINUM BILCO J-24L, BILCO PCH-2, HALLIDAY W153030 OR EQUAL. ACCESS HATCH SHALL HAVE SAME OR GREATER LOADING CAPACITY AS VAULT LID. PIPE HATCH FRAME DRAIN TO VAULT FLOOR OR SUMP, AS APPLICABLE. IF THE LOCAL FIRE DEPARTMENT REQUIRES A SUMP PUMP IN THE VAULT, ELECTRICAL DISCONNECT IS REQUIRED ON TOP OF VAULT, INSTALLED ABOVE GRADE, PER LOCAL ELECTRICAL CODE.
8. A COMBINATION VAULT CAN BE USED ONLY IF METER IS LARGER THAN 2".
   a. METERS TO BE LOCATED A MAXIMUM 18" FROM HINGE SIDE OF HATCH.
   b. A 2" TEST PLUG SHALL BE INSTALLED AT LEAST 2 PIPE DIAMETERS DOWNSTREAM OF 3" OR LARGER METERS.
9. AS DIRECTED BY LOCAL OPERATIONS, ADDITIONAL PIPE SUPPORTS MAY BE REQUIRED.
10. THE LID AND RING THAT WILL BE REQUIRED IS FORD A53-TT OR FORD A53-T. THE A53-TT WILL BE USED FOR ALL VAULTS WITH THE DOMESTIC METER INSIDE. THE A53-T WITH BE USED FOR ALL VAULTS WITH THE DCDA ONLY LOCATED INSIDE THE VAULT.

LEGEND

A	NOT USED	F	FIRE LINE	K	DOMESTIC SERVICE METER (SEE NOTE 8)	P	SUMP PUMP LID
B	RJDI TEE	G	DOMESTIC SERVICE (SEE NOTE 8)	L	FLANGED TEE		
C	NOT USED	H	2" TEST PLUG (SEE NOTE 8)	M	DETECTOR METER (SEE NOTE 8)		
D	DOUBLE CHECK DETECTOR ASSEMBLY	I	TAPPING SLEEVE W/ TAPPING VALVE & BOX (COORDINATE W/ LOCAL UTILITY SUPERINTENDENT/MANAGER)	N	SUMP PIT		
E	FLANGED OS & Y VALVE	J	RJDI GATE VALVE	O	FLANGED OS&Y VALVE WITH PIT TYPE POST INDICATOR		

INDIANA AMERICAN WATER

SCALE: NO SCALE	LONG SIDE VAULT DETAIL
REVISIONS	STANDARD FOR COMBINED FIRE SERVICE & METER VAULT FOR 3" AND LARGER SINGLE METER CONFIGURATION
	DRAWN BY: R.K.B. DATE: 2/2017 CHECKED: A.C.
	ACROBAT FILE: (To fit on single large sheet, 2 sheet may also be used) APPROVED: 1 of 1

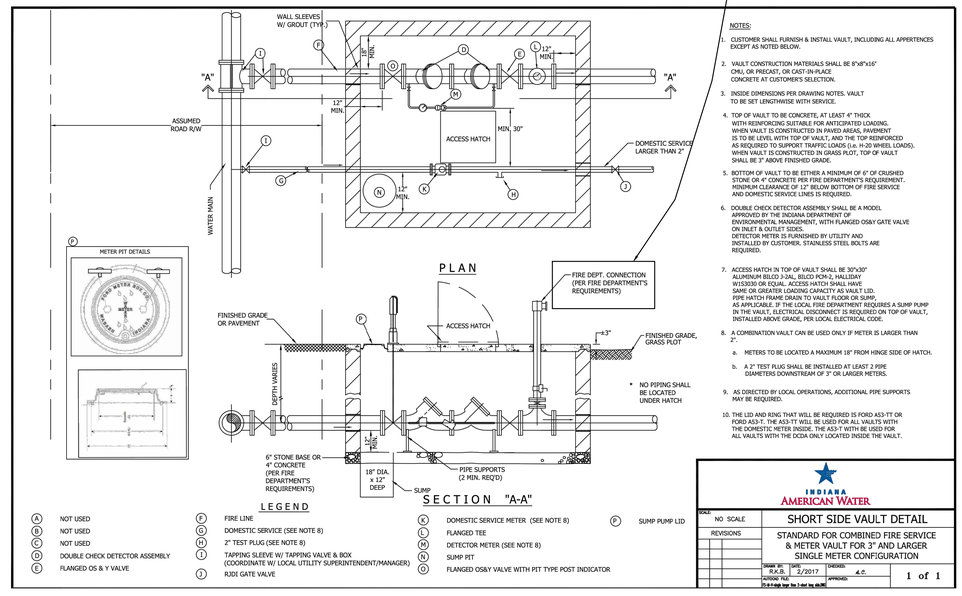
AD-3

LONG SIDE VAULT DETAIL NOTES:
1. STORZ CONNECTION SIZE SHALL BE 5"ø FOR THE FIRE DEPT. CONNECTION.

AD-3

~~FIRE PROTECTION CONNECTION SHALL BE IN ACCORDANCE WITH FP-001 ON FIRE PROTECTION PLANS~~

AD-2



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6. DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE A MODEL APPROVED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, WITH FLANGED OS&Y GATE VALVE ON INLET & OUTLET SIDES. DETECTOR METER IS FURNISHED BY UTILITY AND INSTALLED BY CUSTOMER. STAINLESS STEEL BOLTS ARE REQUIRED.
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10. THE LID AND RING THAT WILL BE REQUIRED IS FORD A53-TT OR FORD A53-T. THE A53-TT WILL BE USED FOR ALL VAULTS WITH THE DOMESTIC METER INSIDE. THE A53-T WITH BE USED FOR ALL VAULTS WITH THE DCDA ONLY LOCATED INSIDE THE VAULT.

LEGEND

A	NOT USED	F	FIRE LINE	K	DOMESTIC SERVICE METER (SEE NOTE 8)	P	SUMP PUMP LID
B	NOT USED	G	DOMESTIC SERVICE (SEE NOTE 8)	L	FLANGED TEE		
C	NOT USED	H	2" TEST PLUG (SEE NOTE 8)	M	DETECTOR METER (SEE NOTE 8)		
D	DOUBLE CHECK DETECTOR ASSEMBLY	I	TAPPING SLEEVE W/ TAPPING VALVE & BOX (COORDINATE W/ LOCAL UTILITY SUPERINTENDENT/MANAGER)	N	SUMP PIT		
E	FLANGED OS & Y VALVE	J	RJDI GATE VALVE	O	FLANGED OS&Y VALVE WITH PIT TYPE POST INDICATOR		

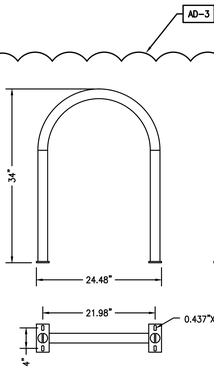
INDIANA AMERICAN WATER

SCALE: NO SCALE	SHORT SIDE VAULT DETAIL
REVISIONS	STANDARD FOR COMBINED FIRE SERVICE & METER VAULT FOR 3" AND LARGER SINGLE METER CONFIGURATION
	DRAWN BY: R.K.B. DATE: 2/2017 CHECKED: A.C.
	ACROBAT FILE: (To fit on single large sheet, 2 sheet may also be used) APPROVED: 1 of 1

AD-3

SHORT SIDE VAULT DETAIL NOTES:
1. STORZ CONNECTION SIZE SHALL BE 5"ø FOR THE FIRE DEPT. CONNECTION.

AD-3



RADIUS BICYCLE RACK – SURFACE MOUNT
THE PARK AND FACILITIES CATALOG
ITEM NO. 536-1400
NOT TO SCALE

AD-2

SPECIFICATIONS

Notes:
1. 4" FPT inlet/outlet with 4" plain end fittings
2. Unit weight - w/cast iron covers: 824 lbs. (for wet weight add 8,413 lbs.)
3. Maximum operating temperature: 150º F continuous
4. Capacities - Liquid: 1,000 gal.;
   Grease: 5,495 lbs. (753 gal.) @100GPM
   Grease: 4,959 lbs (679 gal.) @200GPM
   Solids: 211 gal.
5. Satisfies Miami DERM 99% efficiency requirements; retaining the following capacities at 99.0% efficiency: 5,272 lbs. (722 gal.) @100GPM 3,127 lbs. (428 gal.) @200GPM
6. For gravity drainage applications only.
7. Do not use for pressure applications.
8. Cover placement allows full access to tank for proper maintenance.
9. Vent not required unless per local code.
10. Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping. For series installations, the top of the inlet diffuser on the first unit in the series must be sealed.
11. Integral air relief / Anti-siphon / Sampling access.
12. Adjustable cover adapters provide up to 4" of additional height.
13. Flow rates are based on 2-minute drain time.
14. Designed for both below and above-grade installations.
15. Safety Star®, access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).

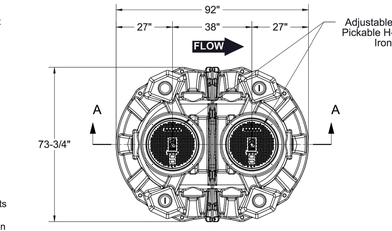
ENGINEER SPECIFICATION GUIDE

Schier Great Basin™ grease interceptor model # GB-1000 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 7/16" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter and Safety Star® access restrictor built into each cover adapter. Interceptor shall be certified to ASME A112.14.3 (Type D) and CSA B481.1. Interceptor flow rate shall be 100 GPM or 200GPM. Interceptor grease capacity shall be 5,495 lbs. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

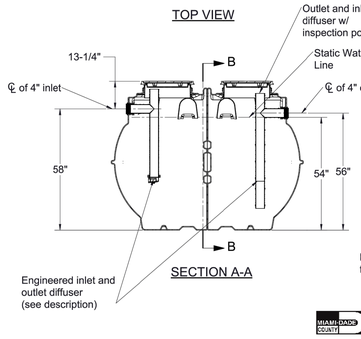
CERTIFIED PERFORMANCE

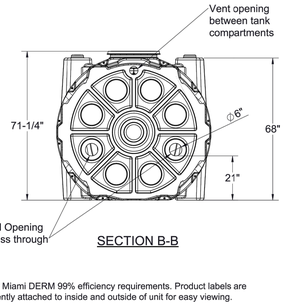
Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME #A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

Type D certification does not require a flow control



ISOMETRIC VIEW





MIAMI-DADE COUNTY Satisfies Miami DERM 99% efficiency requirements. Product labels are permanently attached to inside and outside of unit for easy viewing.

SPECIFICATION SHEET

MODEL NUMBER:	PART NUMBER: 4080-004-01
GB-1000	DESCRIPTION: GB-1000 GREASE INTERCEPTOR 100 GPM/ 200 GPM 4" INLET/OUTLET, H-20 RATED CAST IRON COVER

PROPRIETARY AND CONFIDENTIAL

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DWG BY: C.SINCLAIR	DATE: 10/18/2021	REV: 01	ECO: 101821

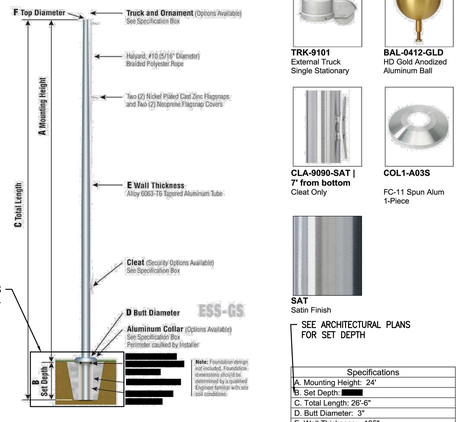
SCHIER
6455 Woodland Dr
Shawnee, KS 66218
Tel: 913-951-3300
Fax: 913-951-3399
schierproducts.com

AD-3

CONCORD AMERICAN FLAGPOLE Pride. Quality. Tradition.

Estate Series
ESS - External Single Stationary
Rope Halyard
Ground Set Installation

ESS25B31 - SAT



SEE ARCHITECTURAL PLANS FOR FOUNDATION DETAIL

TRK-9101
External Truck Single Stationary

BAL-0412-GLD
HD Gold Anodized Aluminum Ball

CLA-9090-SAT | 7' from bottom
Cleat Only

COL1-A03S
FC-11 Spun Alum 1-Piece

SAT
Satin Finish

SEE ARCHITECTURAL PLANS FOR SET DEPTH

NOMINAL EXPOSED HEIGHT: Total Shaft Length of 25' flagpoles is 26'-6" with a Set Depth of [redacted]. With the Truck and Ornament attached, the nominal Mounting Height is 25'.

Specifications
A. Mounting Height: 24'
B. Set Depth: [redacted]
C. Total Length: 26'-6"
D. Butt Diameter: 3"
E. Wall Thickness: .125"
F. Top Diameter: 2"
Flagpole Sections: 1
Shaft Weight: 53 lbs.
Hardware Weight: 3 lbs.
Ground Sleeve Weight: 5 lbs.
* Max Flag Size: 5' x 8'
* Max Wind Speed w/Nylon Flag: 63 mph
* Max Wind Speed No Flag: 83 mph
* Wind Speed Specifications from ANSI/NAAMM FP 1001-07

Customer Name: Duneland School Corporation	
Dealer:	Qty: 1
Project: New Yost Elementary School	Location: 100 W Beam St., Porter, IN 46304
Notes:	

ESS25B31G-T0A-O0A-SK-C0A-FSA
CAFP_010819_1pg - 1 -

25' FLAGPOLE DETAIL

AD-2 REVISIONS:
1. GB-1000 GREASE INTERCEPTOR, OR APPROVED EQUAL, SHALL BE INSTALLED.
2. NOTE TO REFERENCE FIRE PROTECTION PLANS REGARDING FIRE PROTECTION CONNECTION.

AD-3 REVISIONS:
1. "RADIUS BICYCLE RACK – SURFACE MOUNT" DETAIL HAS BEEN ADDED.
2. NOTE TO REFERENCE FIRE PROTECTION PLANS REGARDING FIRE PROTECTION CONNECTION HAS BEEN REMOVED. FIRE PROTECTION CONNECTION SHALL REFERENCE "LONG SIDE VAULT" AND "SHORT SIDE VAULT" DETAILS.
3. "LONG SIDE VAULT DETAIL NOTES" SECTION ADDED.
4. "SHORT SIDE VAULT DETAIL NOTES" SECTION ADDED.
5. ADDED "25' FLAGPOLE" DETAIL.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

NIES engineering, inc.
2421 173 Street, Hammond, Indiana. 46323
Phone: (219) 844 8680 Fax: (219) 844 7754
Your Vision • Our Focus

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 21-134
DATE 03/31/22
COORDINATED BY MLM / SB
DRAWN BY SB
CHECKED BY MLM

MATTHEW L. MIHALIK REGISTERED NO.11500308 STATE OF INDIANA PROFESSIONAL ENGINEER
3/31/22

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM 2
AD-3	04/28/22	ADDENDUM 3

DRAWING
DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

GIBRALTAR DESIGN

SHEET
C-25

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FOUNDATION PLAN KEYED NOTES

1. ALTERNATE BID: TOP OF SLAB = +96'-9" TO MATCH PLATFORM. PROVIDE CONCRETE STEPS PER DETAIL X/S-401 DOWN TO +95'-0" AS INDICATED.
2. BASE BID: TOP OF SLAB ELEVATION IN THIS AREA =+95'-0" MATCHING CORRIDOR.
3. ALTERNATE BID: DELETE WALL IN THIS AREA FOR ACCES TO STEPS INDICATED IN NOTE 1 ABOVE.
4. EXISTING FOOTING AND FOUNDATION WALL TO REMAIN AS PART OF PHASE 1. FIELD VERIFY EXTENTS.
5. THIS WALL AND FOUNDATION AS SHOWN IN SECTION 14A IS TO BE CONSIDERED PART OF PHASE 1 CONSTRUCTION. ALL CONSTRUCTION NORTH OF THIS WALL IS TO BE CONSIDERED PART OF PHASE 2 CONSTRUCTION PER SECTION 14B.
6. THIS WALL IS PART OF THE ALTERNATE BID. COORD. LOCATION w/ ARCH.. DWGS.

AD.03

FOUNDATION PLAN NOTES

1. REF. S-001/2 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
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 100'-0". REFER TO THE 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. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.
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-401.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS.
9. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
10. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
11. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
12. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL WITH A NET ALLOWABLE BEARING CAPACITY OF 2,500 PSF. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAIL ON SHEET S-401.
13. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE SHEET S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

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 (SEE WALL FOOTING SCHEDULE)

TF30 -20'-0" — DENOTES TRENCH FOOTING MARK & TOP OF FOOTING ELEVATION (SEE TRENCH FOOTING SCHEDULE)

DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401

T/F -95'-8" / T/F -95'-4" / T/F -95'-8" / T/F -95'-4"

F5.0 +96'-9" / P24 +96'-8" / HSS6x6x3/8 — DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) / DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.)

DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS) — COLUMN FOOTING / CONCRETE PIER / STEEL COLUMN

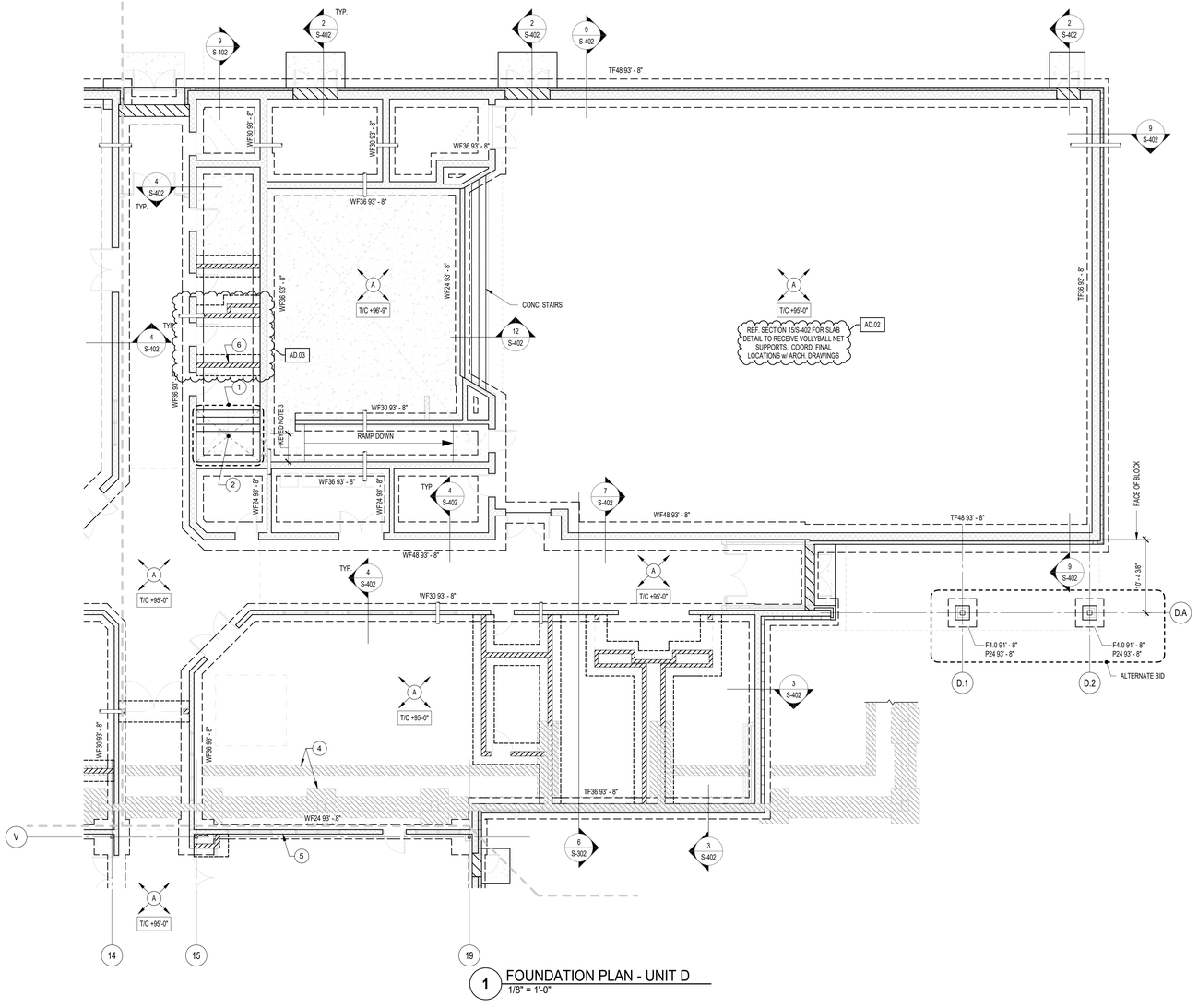
DENOTES BRACED FRAME LOCATION. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.

DENOTES INTERIOR CONC. BLOCK WALL ON THICKENED SLAB PER 4/S-401. COORDINATE LOCATIONS w/ ARCH. DRAWINGS, TYP.

DENOTES PIPE PENTRATION THROUGH EXTERIOR WALL. COORDINATE w/ PLUMBING DRAWINGS (TO BE ISSUED AT A LATER DATE) FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.

DENOTES APPROXIMATE LOCATION OF DOWNSPOUT. TOP OF FOOTING MAY BE NOTCHED (MAX. 1/4 DEPTH) AS REQUIRED TO ACCOMMODATE BOOT CONNECTION TO UNDERGROUND PIPE. PROVIDE (1) #5 x6'-0" LONG BAR AT INSIDE OF NOTCH, TYP. COORDINATE FINAL LOCATION AND QUANTITIES WITH THE APPROPRIATE TRADE.

A / F.F. = SEE PLAN — DENOTES 4" CONC. SLAB ON GRADE 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 OVER 15-MIL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.).



1 FOUNDATION PLAN - UNIT D
1/8" = 1'-0"

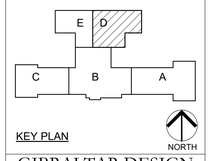
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

LHB Lynch, Henriksen & Bruckmann, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



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 21-134
DATE 3/31/2022
COORDINATED BY SAC
DRAWN BY SAC
CHECKED BY SAC

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD.02	4/21/22	ADDENDUM 2
AD.03	4/28/22	ADDENDUM 3

DRAWING
FOUNDATION PLAN - UNIT D

PROJECT
NEW YOST ELEMENTARY SCHOOL

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ROOF FRAMING PLAN NOTES

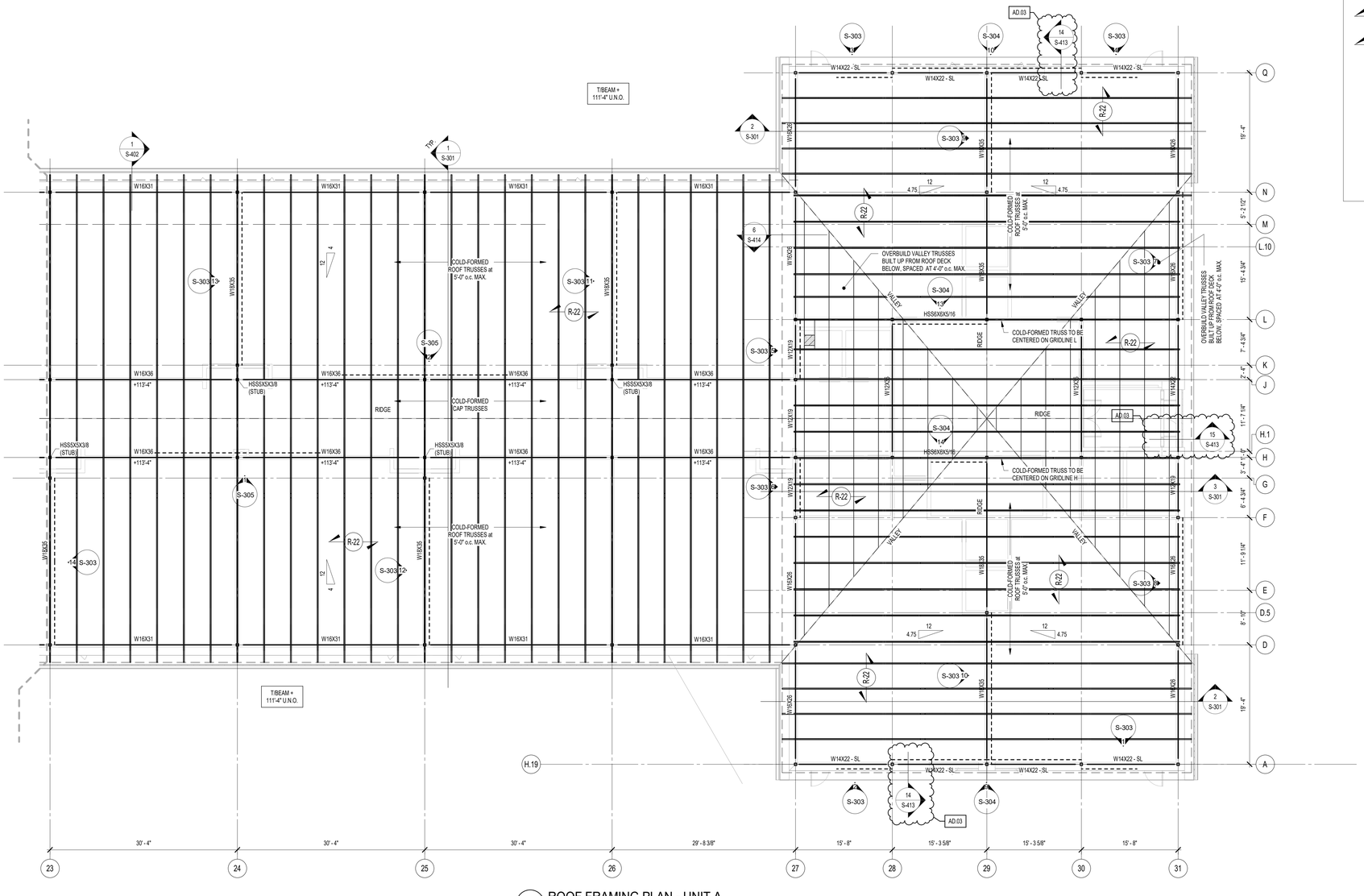
A. REFER TO SHEET S001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
B. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
C. ALL ELEVATIONS LISTED ARE REFERENCED FROM THE GROUND FLOOR FINISH FLOOR ELEVATION 100'-0" OF NEW CONSTRUCTION. REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.G.S. ELEVATION.
D. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
E. COORDINATE SIZE AND LOCATION OF ANY ROOF OPENINGS w/ APPROPRIATE TRADE(S).
F. JOIST BRIDGING LOCATIONS AND SIZES ARE TO BE DETERMINED BY SUPPLIER PER SJI STANDARDS.
G. BEAR BEAM ON TOP OF COLUMN AT THIS LOCATION. DO NOT PROJECT BEAM BEYOND OUTSIDE FACE OF STUD AT EXTERIOR WALL.
H. APPROXIMATE LOCATION OF HOUSEKEEPING PAD FOR MECHANICAL UNIT. COORD. w/ MECHANICAL DRAWINGS FOR EXACT LOCATION AND DETAIL. PROVIDE WATERSTOP (PER DETAIL 2/S-412) FOR FULL PERIMETER OF ANY SLAB OPENINGS LOCATED WITHIN EXTENTS OF HOUSEKEEPING PAD.
I. PROVIDE TYP. CONC. CURB AS NOTED ON PLAN AROUND OPENINGS.
J. REFER TO DETAILS 18 AND 16 ON SHEET S-410 FOR DECK SUPPORT AT HIP AND VALLEYS.

PLAN LEGEND:

- DENOTES FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 11/S-411.
- DENOTES FRAMED OPENING FOR MECHANICAL AND/OR KITCHEN ROOF-TOP EQUIPMENT. REFER TO DETAIL 11/S-411, OR PROVIDE PRE-FABRICATED ADJUSTABLE BOLT-IN FRAMES BY "QUICKFRAMES USA, LLC".
- R-20 — DENOTES 1-1/2", 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY.
- R-22 — DENOTES 1-1/2", 20 GA. GALV. COMPOSITE STEEL FLOOR DECK +3-1/2" N.W. CONCRETE TOPPING w/ 6x6 W2.1xW2.1 W.W.F (5" TOTAL SLAB T).
- R-20A — DENOTES 1-1/2", 20 GA. WIDE RIB ACOUSTICAL STEEL ROOF DECK, PRIME PAINTED (BOTH SIDES) ONLY.
- R-1.5C — DENOTES 1-1/2", 18/18 GA. CELLULAR STEEL ROOF DECK, GALVANIZED (G-90) AND PRIME PAINTED (BOTTOM SIDE) BY "CORDECK BUILDING SOLUTIONS."

DENOTES BEAM SIZE
W24X55
+15'-7"
DENOTES TOP OF STEEL ELEVATION

TYP. BRACING NOTATION - REFER ELEVATIONS FOR ADDITIONAL INFORMATION
W16x26
DENOTES DIAGONAL BRACE LOCATION



1 ROOF FRAMING PLAN - UNIT A
1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN
LHB Lynch, Hendricks & Bruckmann, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN
E D C B A
NORTH

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 21-134
DATE 3/31/2022
COORDINATED BY SAC
DRAWN BY SAC
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD.03	4/28/22	ADDENDUM 3

DRAWING
ROOF FRAMING PLAN - UNIT A

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A
S-203A

4/27/2022 5:24:20 PM
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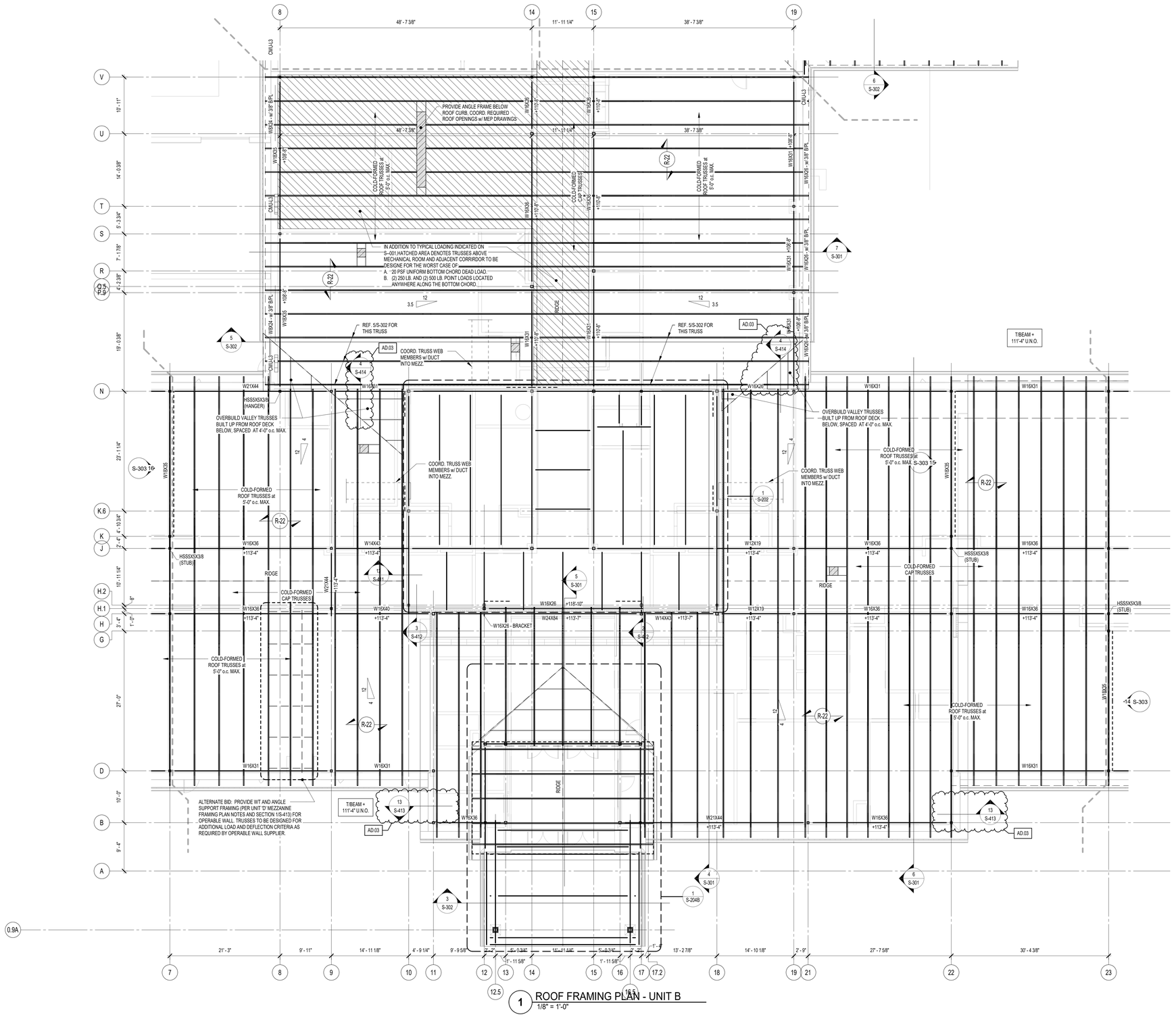

1 ROOF FRAMING PLAN - UNIT B
1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

A. REFER TO SHEET S001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
B. 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.
C. ALL ELEVATIONS LISTED ARE REFERENCED FROM THE GROUND FLOOR FINISH FLOOR ELEVATION 100'-0" OF NEW CONSTRUCTION. REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.G.S. ELEVATION.
D. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
E. COORDINATE SIZE AND LOCATION OF ANY ROOF OPENINGS w/ APPROPRIATE TRADE(S)
F. JOIST BRIDGING LOCATIONS AND SIZES ARE TO BE DETERMINED BY SUPPLIER PER SJI STANDARDS.
G. BEAM BEAM ON TOP OF COLUMN AT THIS LOCATION. DO NOT PROJECT BEAM BEYOND OUTSIDE FACE OF STUD AT EXTERIOR WALL.
H. APPROXIMATE LOCATION OF HOUSEKEEPING PAD FOR MECHANICAL UNIT. COORD. w/ MECHANICAL DRAWINGS FOR EXACT LOCATION AND DETAIL. PROVIDE WATERSTOP (PER DETAIL 2/S-412) FOR FULL PERIMETER OF ANY SLAB OPENINGS LOCATED WITHIN EXTENTS OF HOUSEKEEPING PAD.
I. PROVIDE TYP. CONC. CURB AS NOTED ON PLAN AROUND OPENINGS.
J. REFER TO DETAILS 15 AND 16 ON SHEET S-410 FOR DECK SUPPORT AT HIP AND VALLEYS.

PLAN LEGEND:

- DENOTES FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 11/S-411.
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- R-22 — DENOTES 1-1/2", 20 GA. GALV. COMPOSITE STEEL FLOOR DECK +3-1/2" N.W. CONCRETE TOPPING w/ 6x6 W2.1xW2.1 W.W.F.(5" TOTAL SLAB T).
- R-20A — DENOTES 1-1/2", 20 GA. WIDE RIB ACOUSTICAL STEEL ROOF DECK, PRIME PAINTED (BOTH SIDES) ONLY.
- R-1.5C — DENOTES 1-1/2", 18/18 GA. CELLULAR STEEL ROOF DECK, GALVANIZED (G-90) AND PRIME PAINTED (BOTTOM SIDE) BY "CORDECK BUILDING SOLUTIONS."

DENOTES BEAM SIZE
W24X55
+15' - 7"
DENOTES TOP OF STEEL ELEVATION

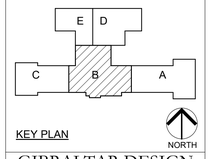
TYP. BRACING NOTATION - REFER ELEVATIONS FOR ADDITIONAL INFORMATION
W16x26
DENOTES DIAGONAL BRACE LOCATION

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN
LHB Lynch, Hembree & Bontremo, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



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
21-134
DATE
3/31/2022
COORDINATED BY
SAC
DRAWN BY
SAC
CHECKED BY
SAC

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD.03	4/28/22	ADDENDUM 3

DRAWING
ROOF FRAMING PLAN - UNIT B

PROJECT
NEW YOST ELEMENTARY SCHOOL

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B

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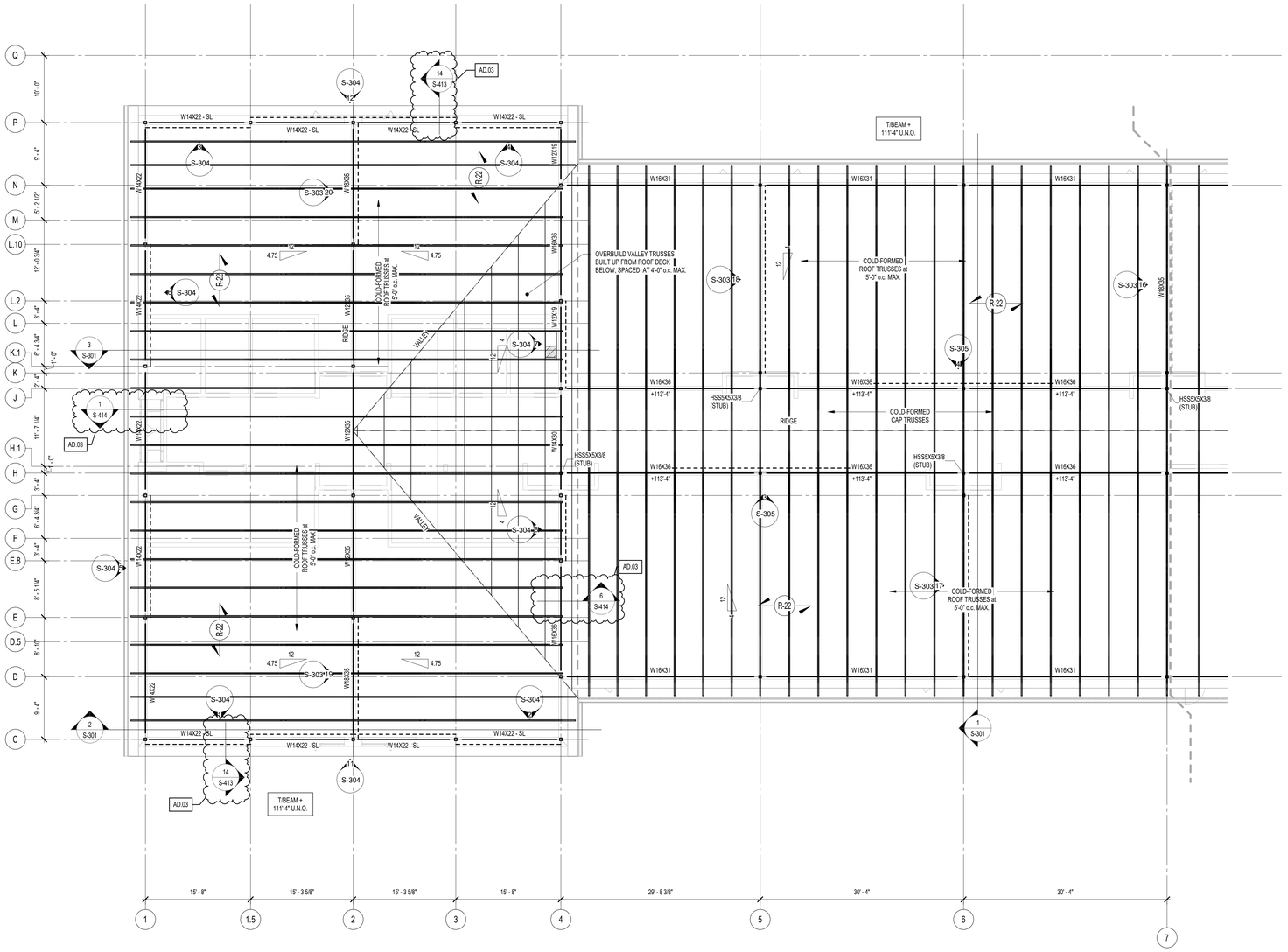

1 ROOF FRAMING PLAN - UNIT C
1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

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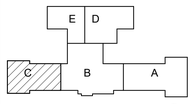
DENOTES DIAGONAL BRACE LOCATION

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN
Lynch, Hendren & Bontemps, Inc.

PROJECT:
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN
NORTH

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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 21-134
DATE 3/31/2022
COORDINATED BY SAC
DRAWN BY SAC
CHECKED BY SAC

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD.03	4/28/22	ADDENDUM 3

DRAWING
ROOF FRAMING PLAN - UNIT C

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

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ROOF FRAMING PLAN NOTES

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W24X55
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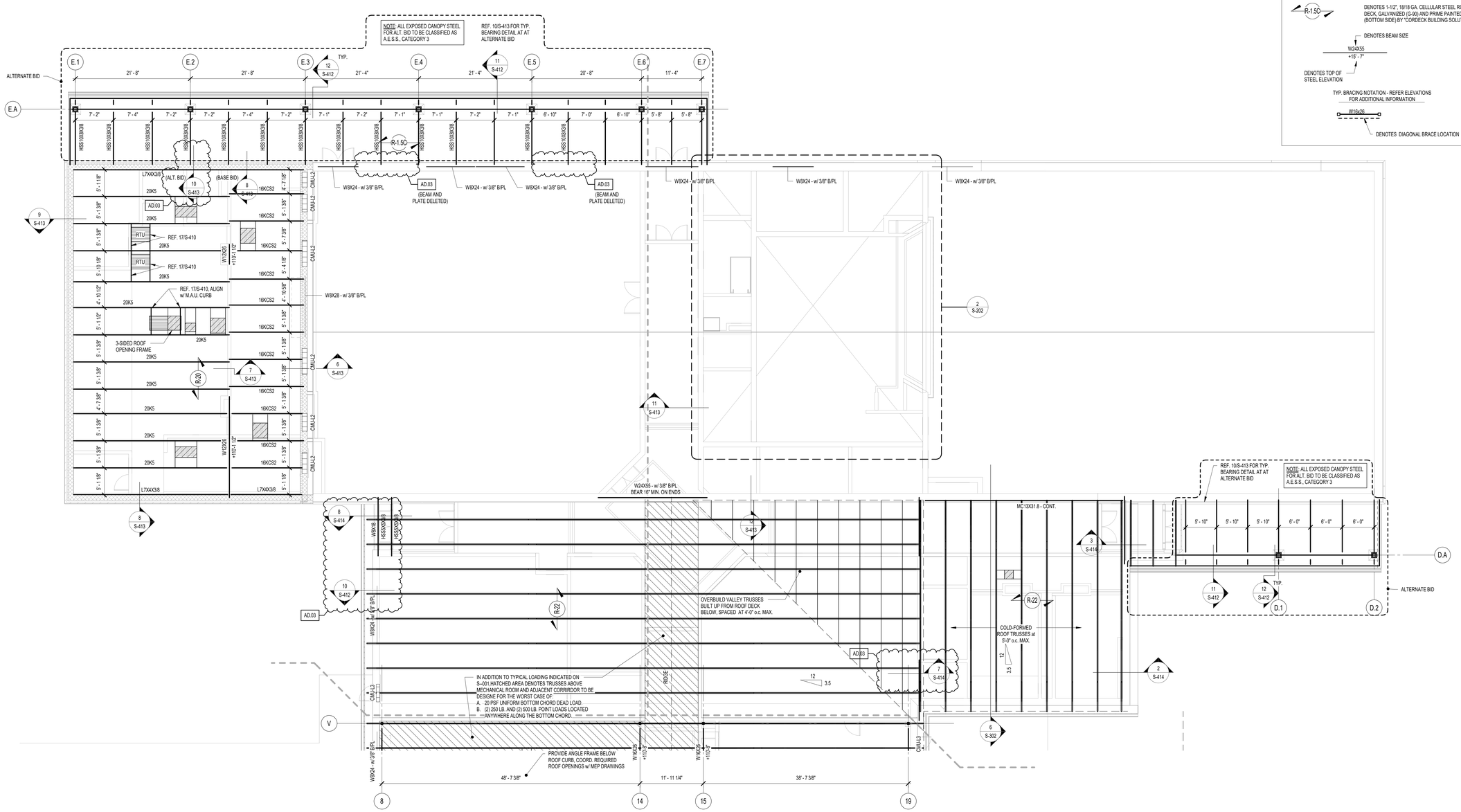
DENOTES TOP OF STEEL ELEVATION

TYP. BRACING NOTATION - REFER ELEVATIONS FOR ADDITIONAL INFORMATION
W16x26
DENOTES DIAGONAL BRACE LOCATION



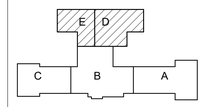
1 LOW ROOF FRAMING PLAN - UNITS D & E
1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN
LHB Lynch, Hendricks & Buckmaster, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN
NORTH

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
21-134
DATE
3/31/2022
COORDINATED BY
SAC
DRAWN BY
SAC
CHECKED BY
SAC

SCOTT A. CLORE — 10606154 — STATE OF INDIANA — REGISTERED PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD.03	4/28/22	ADDENDUM 3

DRAWING
LOW ROOF FRAMING PLAN - UNITS D & E

PROJECT
NEW YOST ELEMENTARY SCHOOL

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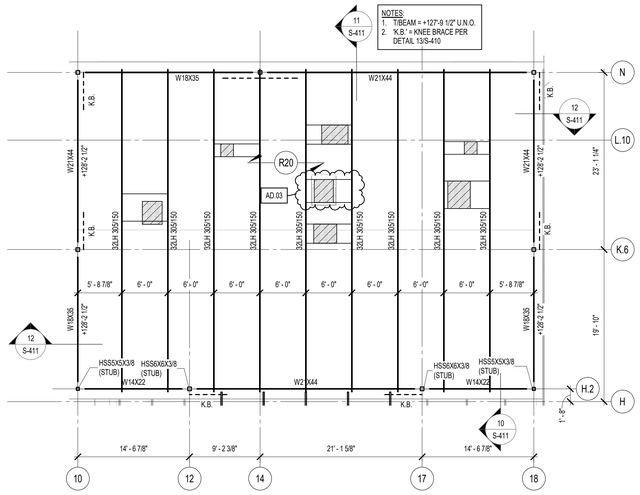

2 HIGH ROOF FRAMING PLAN - UNIT B
1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

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DENOTES BEAM SIZE
W24X55
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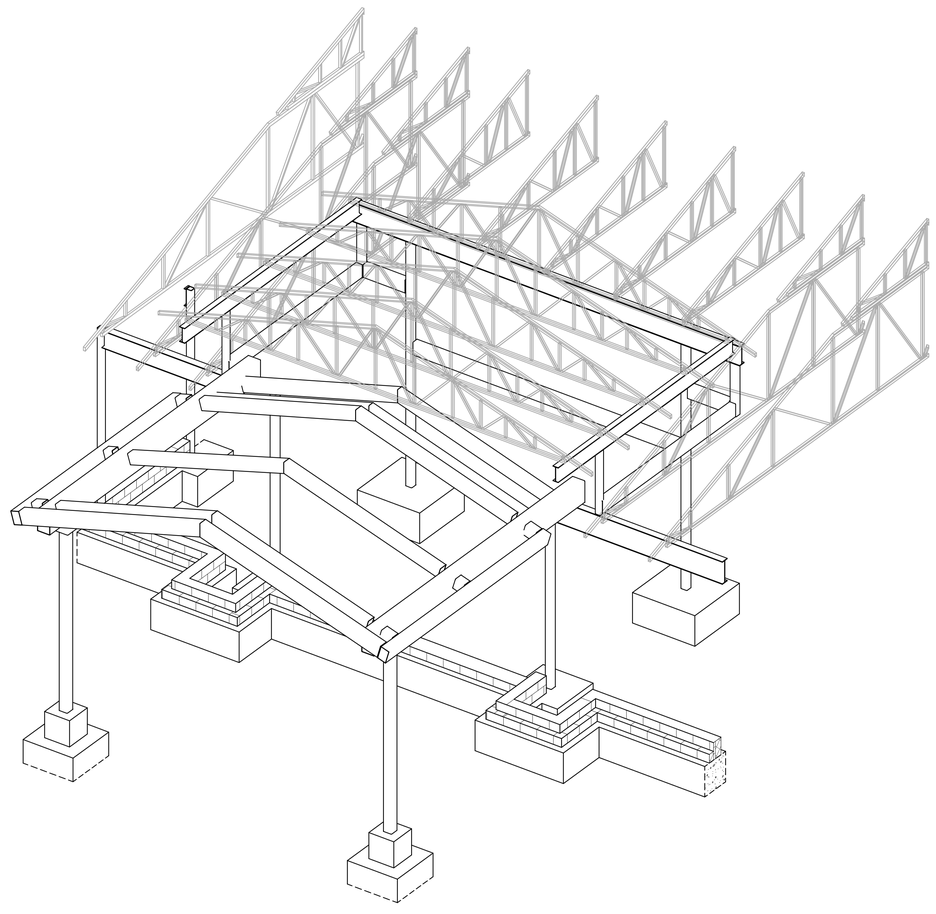
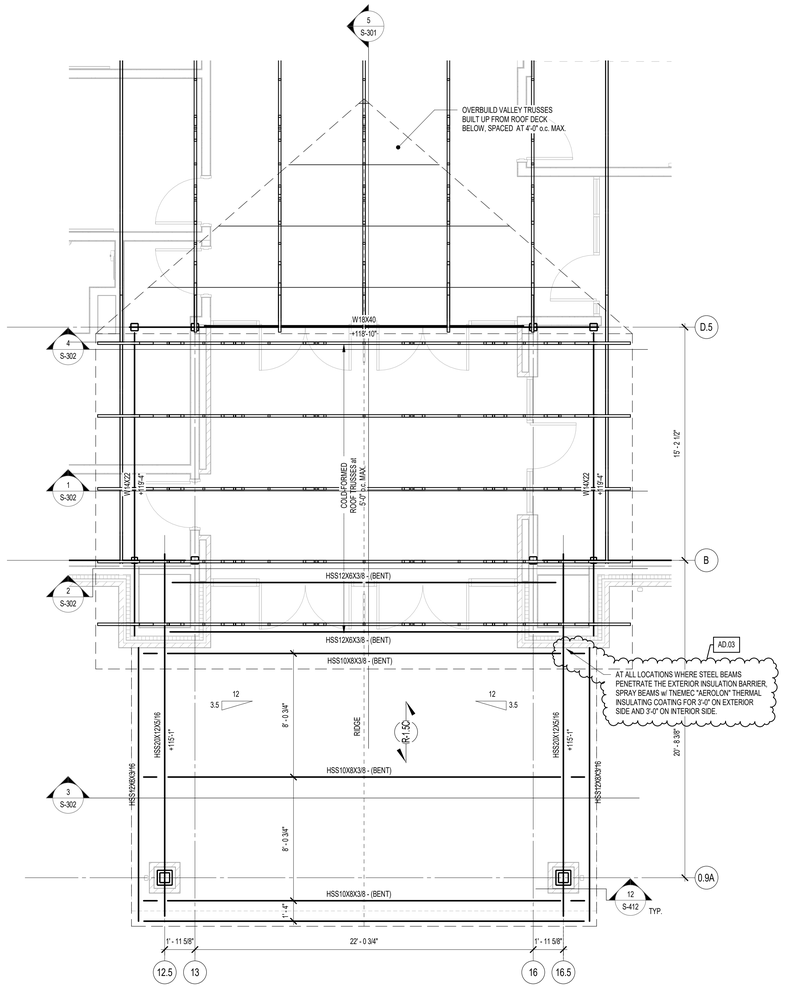
DENOTES DIAGONAL BRACE LOCATION



3 UNIT B FRAMING AT CANOPY / ENTRY - 3D VIEW



1 UNIT B ROOF FRAMING AT ENTRY - ENLARGED PLAN
1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
LHB Lynch, Hendricks & Bruckmann, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

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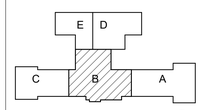

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REVISIONS

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AD.03	4/28/22	ADDENDUM 3

DRAWING
HIGH ROOF FRAMING PLAN - UNIT B

PROJECT
NEW YOST ELEMENTARY SCHOOL

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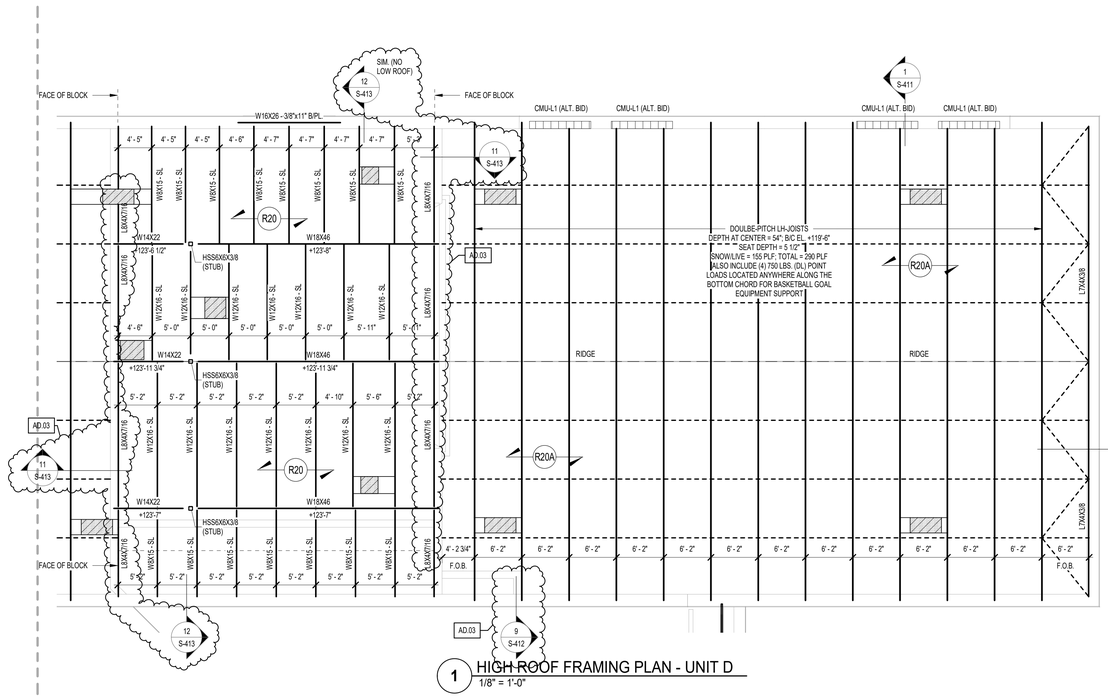

1 HIGH ROOF FRAMING PLAN - UNIT D
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ROOF FRAMING PLAN NOTES

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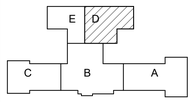
100 W BEAM ST
PORTER, IN 46304



KEY PLAN
NORTH

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

PROJECT
21-134
DATE
3/31/2022
COORDINATED BY
SAC
DRAWN BY
SAC
CHECKED BY
SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

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AD.03	4/28/22	ADDENDUM 3

DRAWING
HIGH ROOF FRAMING PLAN - UNIT D

PROJECT
NEW YOST ELEMENTARY SCHOOL

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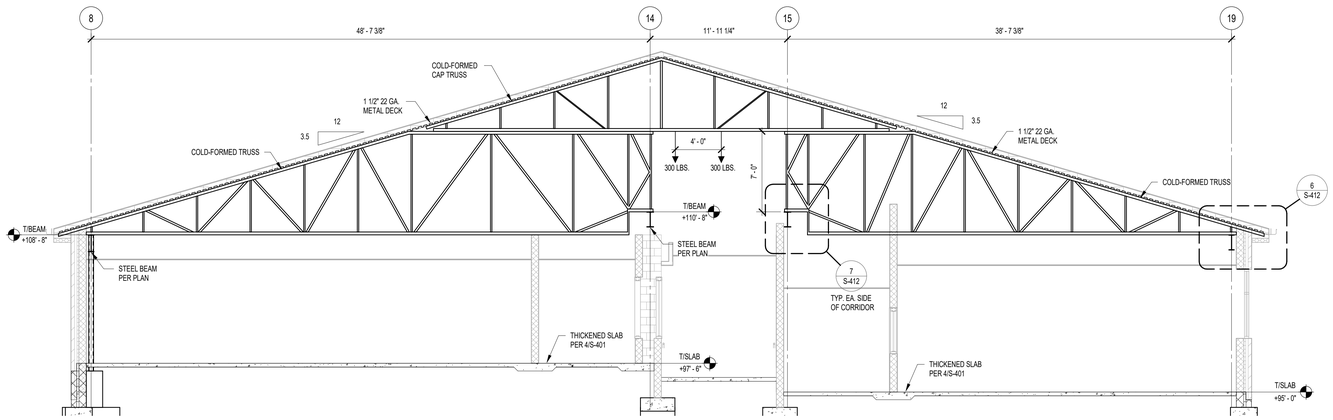
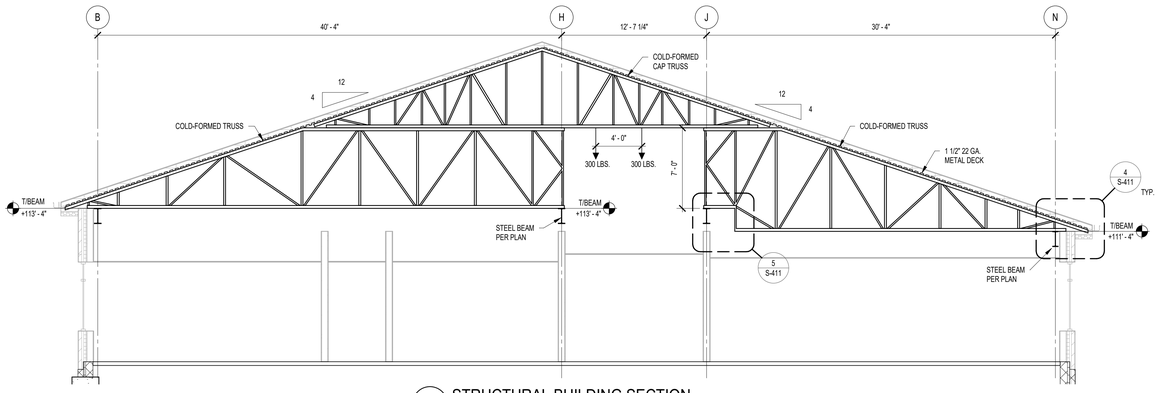
PREFAB. TRUSS ELEVATION GENERAL NOTES

1. REFER TO THE "PREFABRICATED, COLD-FORMED (LIGHT GA.) METAL TRUSSES" FOR DESIGN CRITERIA AND ADDITIONAL NOTES / REQUIREMENTS.
2. ARRANGEMENT OF TRUSS MEMBERS IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL TRUSS MEMBER SIE AND CONFIGURATE TO BE DETERMINED BY TRUSS DESIGNER.
3. TRUSS DESIGNER SHALL DESIGN AND PROVIDE BRACKING AND/OR BLOCKING TO TRANSFER THE DIAPHRAGM SHEAR FOR OF 150 PLF (WIND, SERVICE LEVEL) INTO THE SUPPORTING STRUCTURE.
4. DESIGN CAP TRUSSES AND TRUSSES SPANNING CORRIDORS FOR ADDN'L DEAD LOAD AS SHOWN. LOAD PAIR MAY BE LOCATED ANYWHERE ALONG THE BOTTOM CHORD.



7 STRUCTURAL BUILDING SECTION
3/16" = 1'-0"



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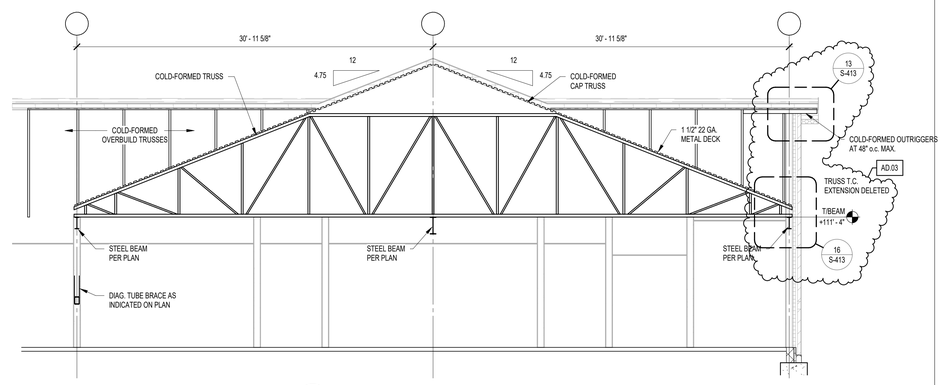

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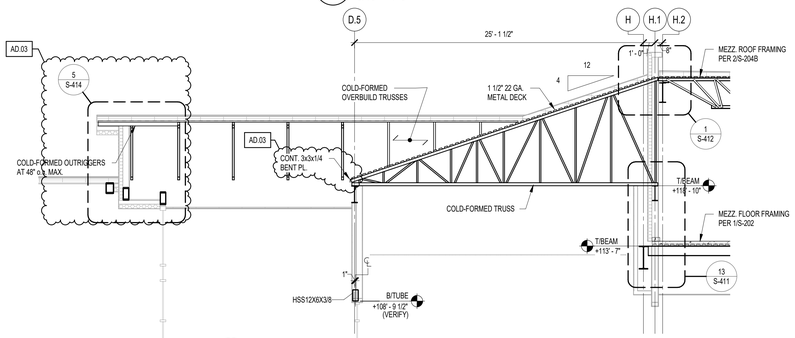

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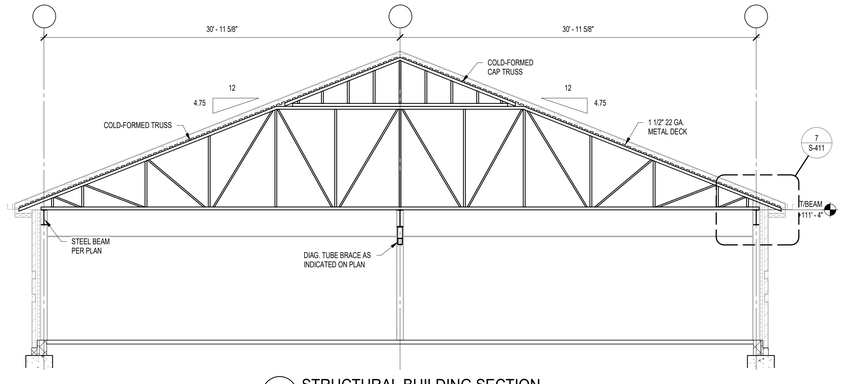

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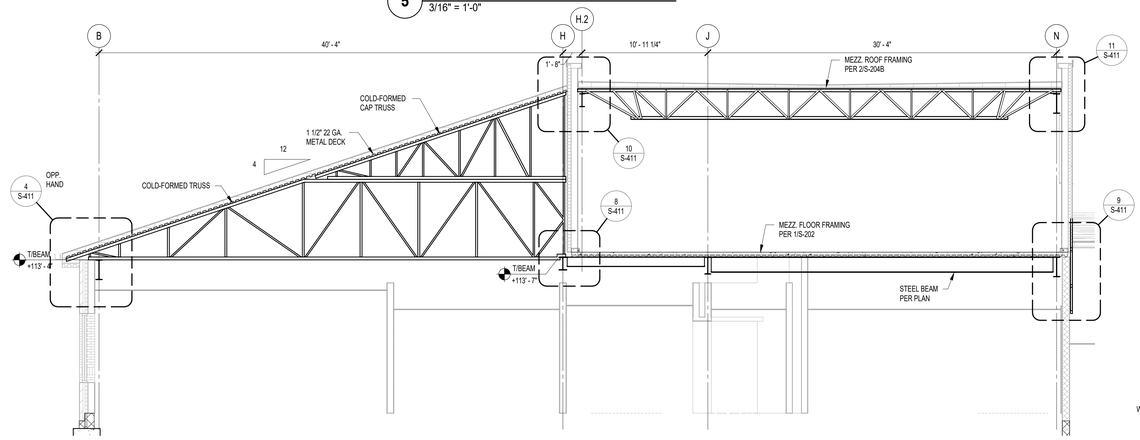

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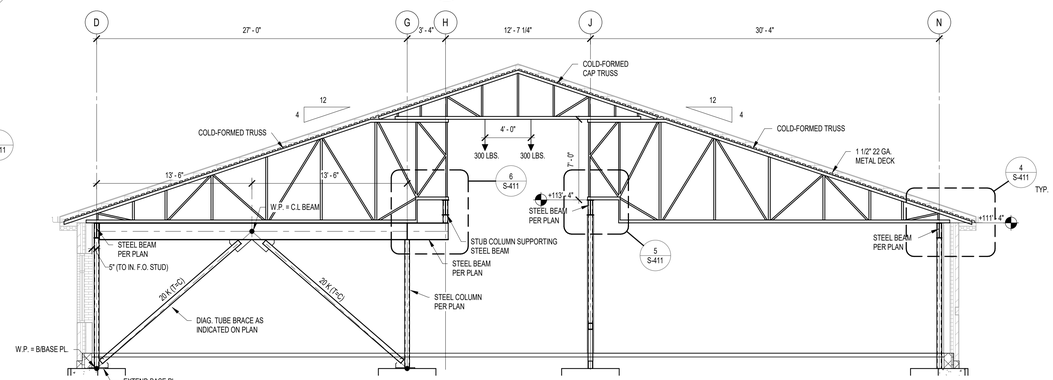

1 STRUCTURAL BUILDING SECTION
3/16" = 1'-0"

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LHB Architects, Engineers & Environmental, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
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DRAWING
FRAMING ELEVATIONS AND BLDG. SECTIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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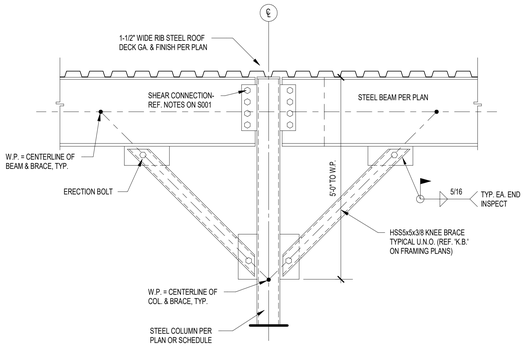
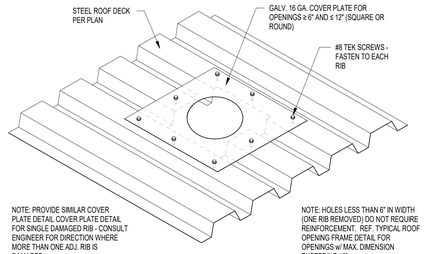
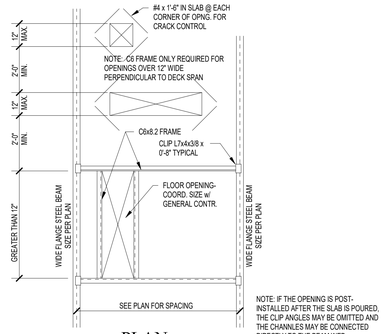


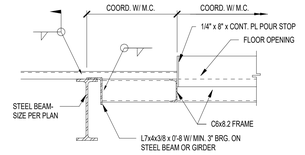
13 TYPICAL KNEE BRACE DETAIL
3/4" = 1'-0"



10 SMALL ROOF OPENING DETAIL
3/4" = 1'-0"

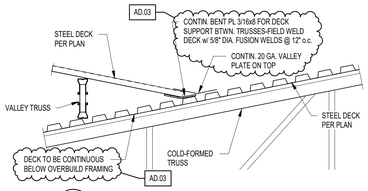


PLAN

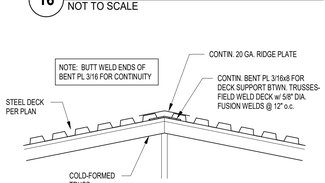


SECTION

4 FLOOR OPENING FRAME (SECTION)
3/4" = 1'-0"

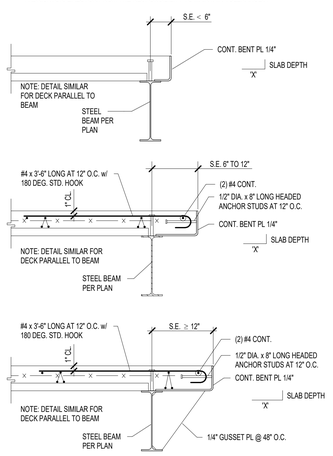


16 STEEL DECK DETAIL AT VALLEY
NOT TO SCALE

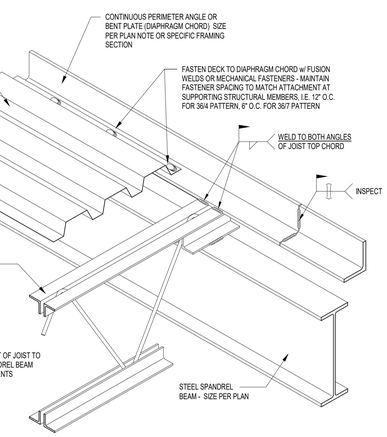


15 STEEL DECK DETAIL AT HIP
NOT TO SCALE

NOTES:
1. 'S.E.' = SLAB EDGE PER PLAN.
2. 'X' = HOLD HORIZONTAL LEG OF BENT PLATE CLOSURE 1" LESS THAN SLAB EDGE WHILE MAINTAINING 2" MIN. OVERLAP TO ACCOMODATE FIELD-INSTALLED COMPOSITE SHEAR STUDS. WHERE BEAM FLANGES ARE LESS THAN 6" EXTEND DECK TO BEAM MIN. 1 1/2" ON BENT PLATE IN LIEU OF BEAM FLANGE.
3. ASSUME THAT ALL BENT PLATE SLAB EDGES SHALL BE FIELD WELDED AFTER ADJUSTMENT TO MAINTAIN TOLERANCES AND REQ'D. CLEARANCES. SLAB CLOSURES FOR SHORT MEMBERS, OR FOR SLAB EDGES WHERE TOLERANCES ARE NOT CRITICAL MAY BE SHOP-WELDED PENDING APPROVAL OF THE ENGINEER. THE FABRICATOR & ERECTOR SHALL COORDINATE ALL FIELD WELDING VS. SHOP WELDING PRIOR TO SUBMITTAL OF SHOP DRAWINGS. LACK OF FIELD WELD SYMBOLS ON SPECIFIC SECTIONS DOES NOT RELIEVE THE FABRICATOR/ ERECTOR FROM THE RESPONSIBILITY TO MAINTAIN TOLERANCES.

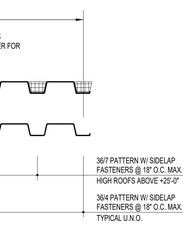


14 TYPICAL SLAB EDGE DETAILS
3/4" = 1'-0"



NOTES:
1. LOADS LESS THAN 100 LBS. MAY BE LOCATED ANYWHERE ALONG THE TOP OR BOTTOM CHORD OF THE JOIST WITHOUT REQUIRING REINFORCEMENT.
2. PROVIDE THIS DETAIL WHERE SUSPENDED EQUIPMENT, MECHANICAL UNIT, OR PIPING IMPARTS A CONCENTRATED LOAD GREATER THAN 100 LBS. IF THE LOAD IS APPLIED WITHIN 4" OF A TOP OR BOTTOM CHORD PANEL POINT, NO REINFORCEMNT IS REQUIRED.
3. NO CONCENTRATED LOADS GREATER THAN 100 LBS. WILL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.

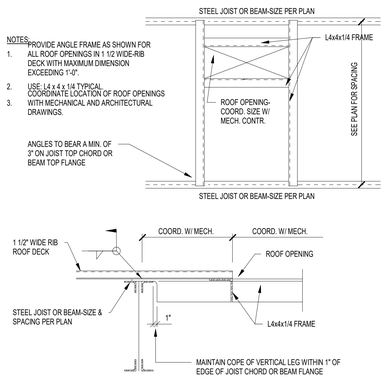
12 JOIST SMALL CONCENTRATED LOAD DETAIL
3/4" = 1'-0"



NOTES:
1. 1 1/2", 20 GA. WIDE RIB STEEL ROOF DECK. CLEAN, TREAT AND PRIME.
2. ALL WELDS SHALL BE 5/8" DIA. PUDDLE WELDS.
3. USE #10 TEK SCREW SIDELAP FASTENERS, U.N.O.
4. MECHANICAL FASTENERS MAY BE USED IN LIEU OF WELDS.
   USE THE FOLLOWING HILTI POWER ACTUATED FASTENERS:
   USE XEDNK22 THQ12HSN FOR STEEL T 1/8" THROUGH 1/4"
   USE XEDNK19 THQ12HSN FOR STEEL T 3/16" THROUGH 3/8"
   USE THE FOLLOWING ITW-BUILDEX POWER ACTUATED FASTENERS:
   USE BX12 FOR STEEL T 1/8" THROUGH 3/16"
   USE BX14 FOR STEEL T OVER 3/16" THROUGH 3/8"
   SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. REF. DECK TYPE (RX) ON THE FRAMING PLANS.

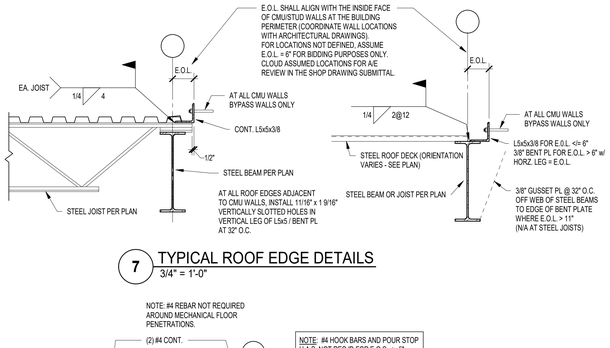
8 1 1/2" WIDE-RIB STEEL ROOF DECK
3/4" = 1'-0"

11 CONTINUOUS ROOF PERIMETER DETAIL
3/4" = 1'-0"

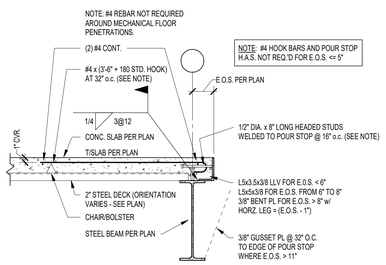


NOTES:
1. PROVIDE ANGLE FRAME AS SHOWN FOR ALL ROOF OPENINGS IN 1 1/2 WIDE-RIB DECK WITH MAXIMUM DIMENSION EXCEEDING 1'-0".
2. USE L4 x 4 x 1/4 TYPICAL COORDINATE LOCATION OF ROOF OPENINGS
3. WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.

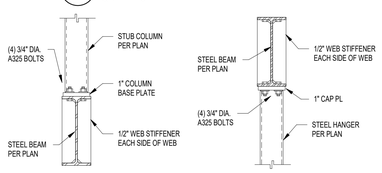
9 ROOF OPENING FRAME 1 1/2" DECK (SECTION)
3/4" = 1'-0"



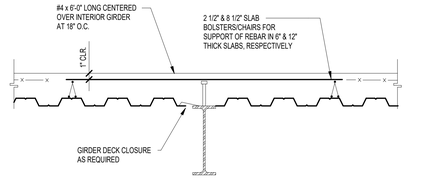
7 TYPICAL ROOF EDGE DETAILS
3/4" = 1'-0"



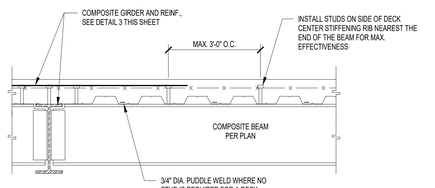
6 TYPICAL SLAB EDGE DETAIL
3/4" = 1'-0"



5 STUB & HANGER COLUMN DETAILS
3/4" = 1'-0"

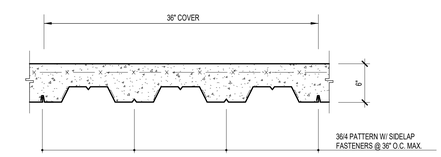


3 COMPOSITE PURLIN DETAIL
NOT TO SCALE



NOTES:
1. THE MIN. NUMBER OF STUDS FOR EACH BEAM IS SHOWN ON THE FRAMING PLAN.
2. SPACE STUDS AS EVENLY AS POSSIBLE IN AVAILABLE DECK FLUTES. WHERE STUD SPACING EXCEEDS THE MAX. SPACING ALLOWED, PROVIDE ADDITIONAL STUDS TO SATISFY THE SPACING REQUIREMENTS.
3. CENTER COMPOSITE STUDS ON THE BEAM UNLESS OTHERWISE REQUIRED. WHERE THE NUMBER OF STUDS EXCEEDS THE NUMBER OF FLUTES, PROVIDE TWO STUDS IN EVERY OTHER FLUTE, STARTING AT EACH END OF THE BEAM. THE TRANSVERSE SPACING BETWEEN TWO STUDS IN A SINGLE FLUTE SHALL BE 3", UNLESS NOTED OTHERWISE.
4. PLACE ANY NATURAL BEAM CAMBER UP.

2 INTERIOR COMPOSITE GIRDER DETAIL
NOT TO SCALE



NOTES:
1. 2", 18 GA. GALVANIZED COMPOSITE STEEL FLOOR DECK.
2. WELD DECK TO SUPPORTING STRUCTURE USING 3/4" DIAMETER WELDS. MECHANICAL FASTENERS MAY BE USED IN LIEU OF WELDS. SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW. COMPOSITE SHEAR CONNECTORS MAY TAKE THE PLACE OF WELDS.
3. BUTT ENDS OF DECK OVER SUPPORT.
4. USE #10 TEK SCREW SIDELAP FASTENERS, U.N.O.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. REF. DECK TYPE (S6) ON THE FRAMING PLANS.

1 2" COMPOSITE STEEL DECK & SLAB
3/4" = 1'-0"

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LHB Lynch, Hendricks & Buchanan, Inc.

PROJECT:

NEW YOST ELEMENTARY SCHOOL

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DRAWING
TYPICAL FRAMING SECTIONS AND DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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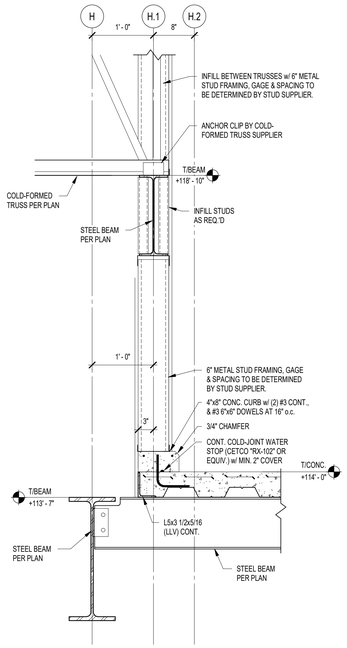
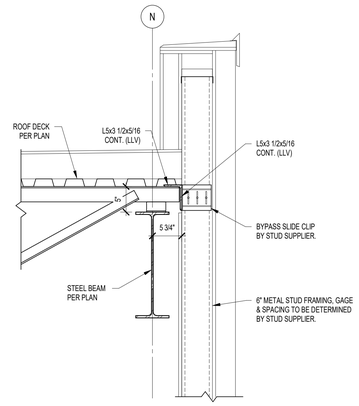


13 FRAMING SECTION
1" = 1'-0"



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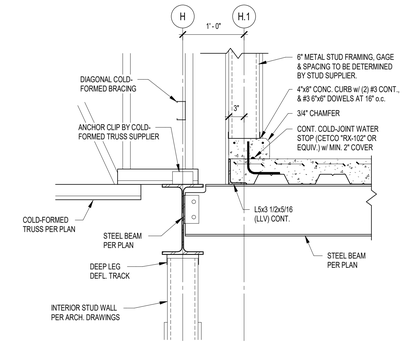

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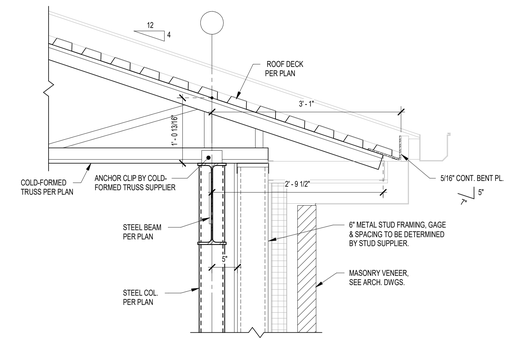

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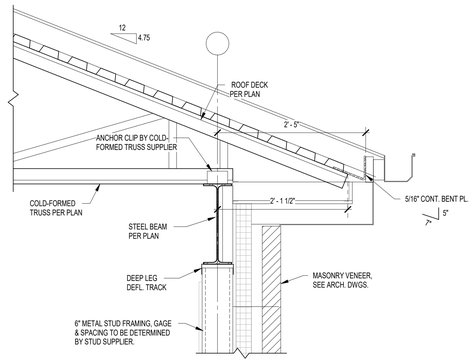

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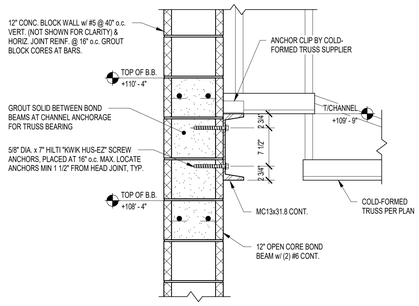

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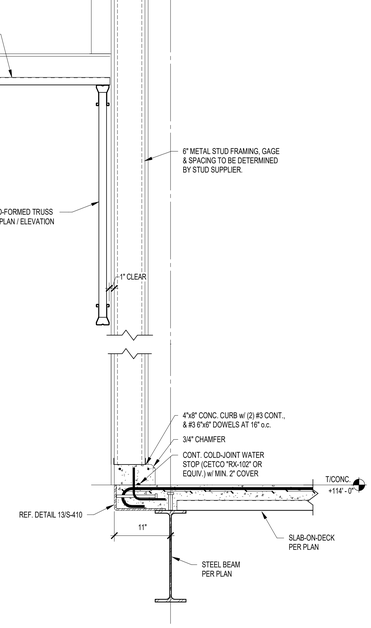
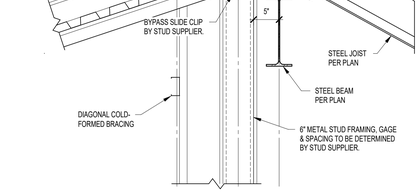
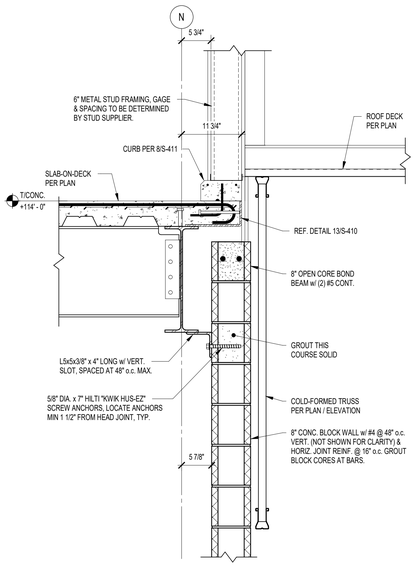


12 FRAMING SECTION
1" = 1'-0"



10 FRAMING SECTION
1" = 1'-0"



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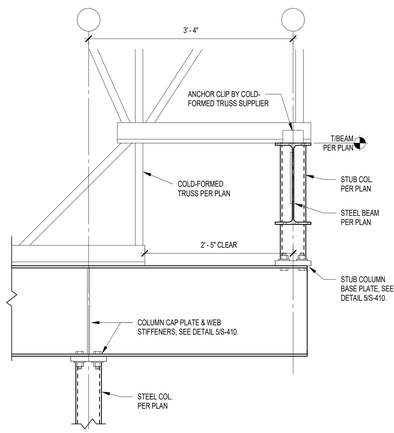

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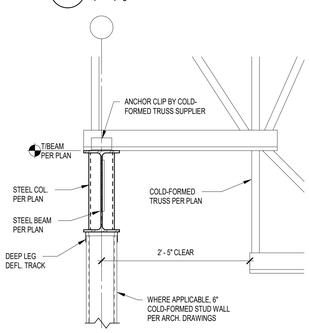

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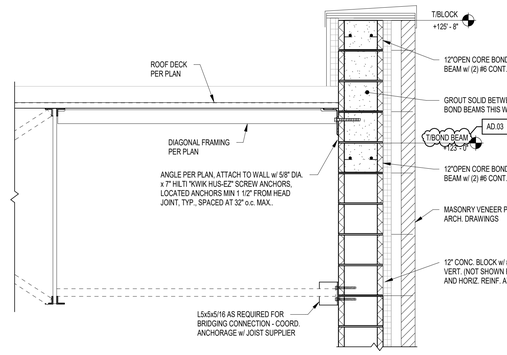

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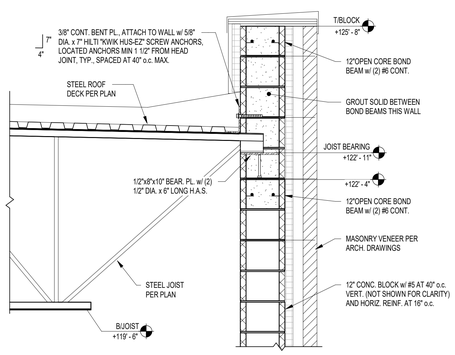

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PROJECT:

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PROJECT
21-134
DATE
3/31/2022
COORDINATED BY
Designer
DRAWN BY
SAC
CHECKED BY
SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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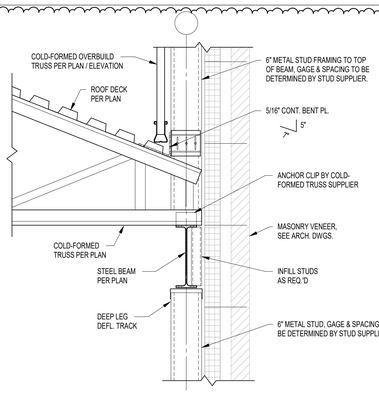

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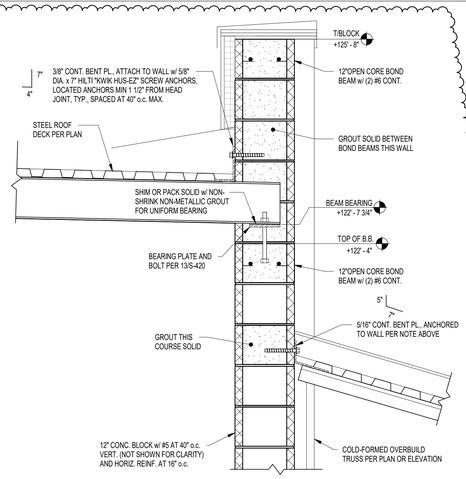

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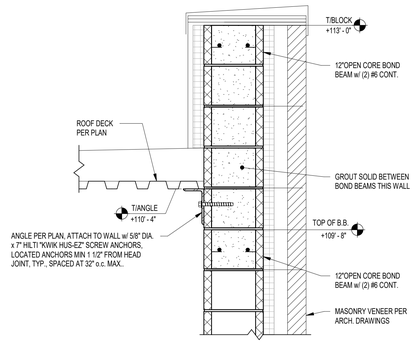

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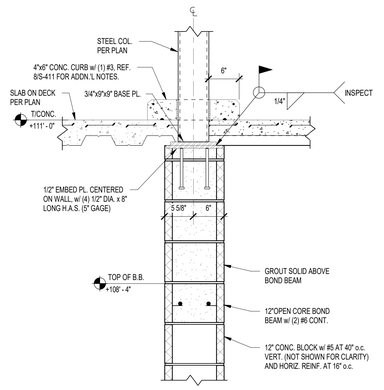

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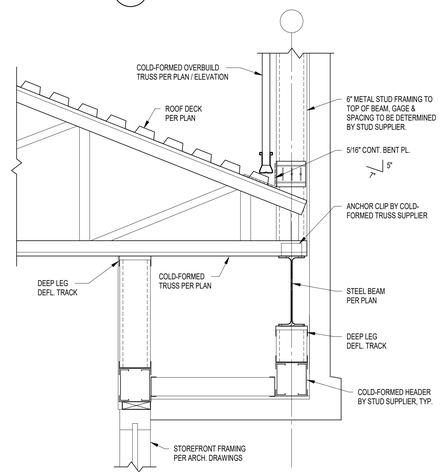

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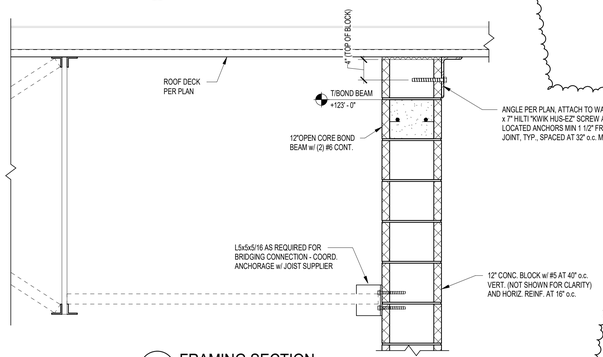

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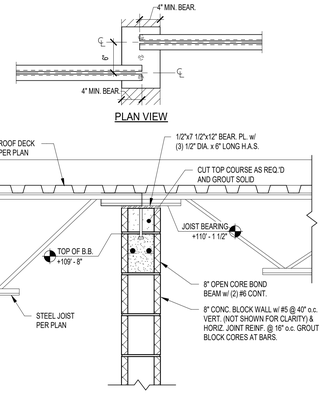

PLAN VIEW

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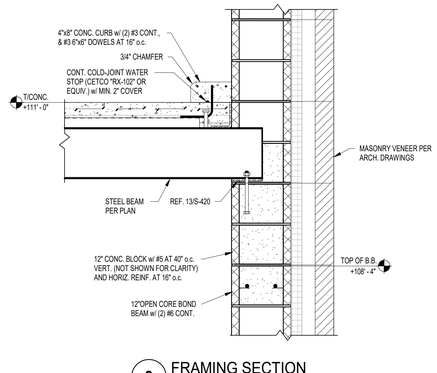

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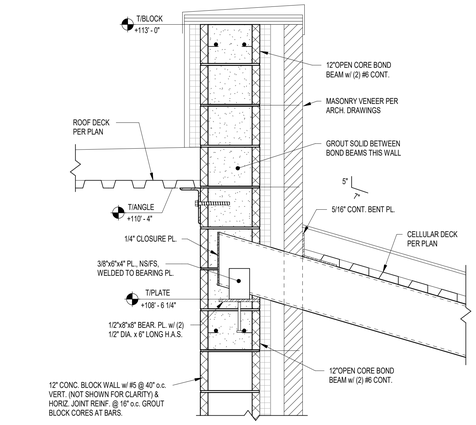

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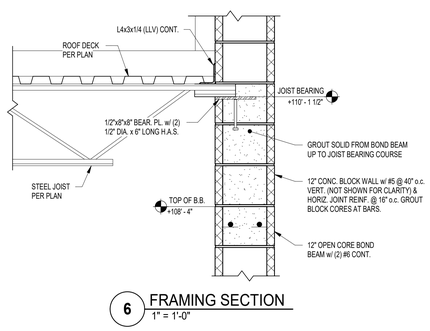

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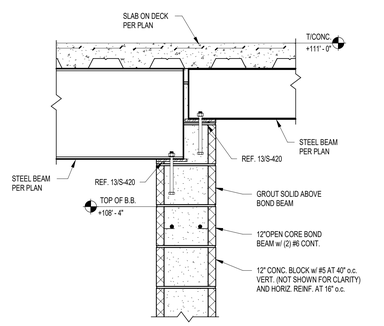

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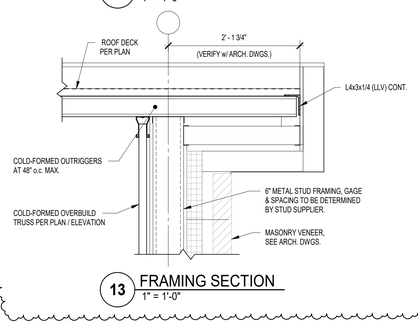

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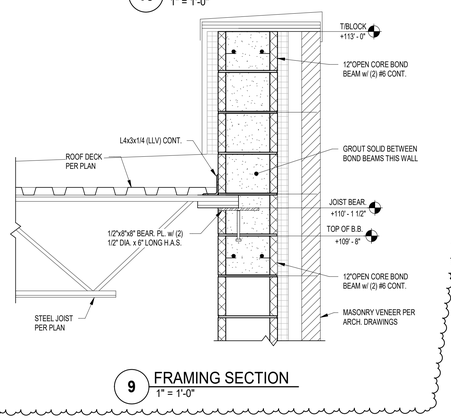

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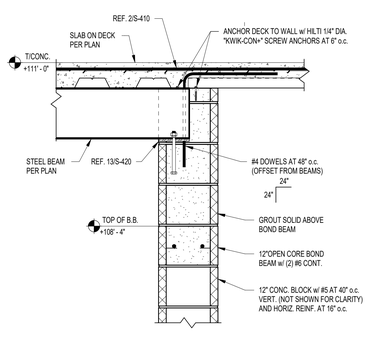

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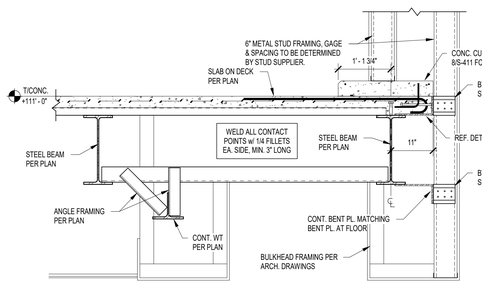

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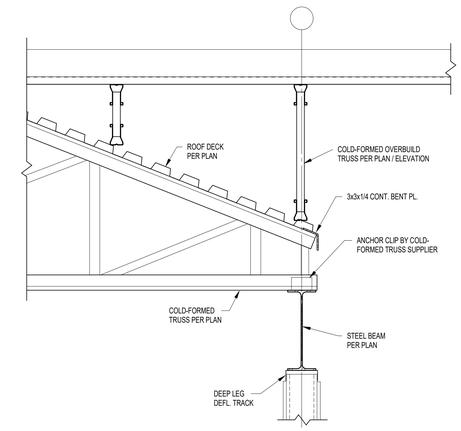

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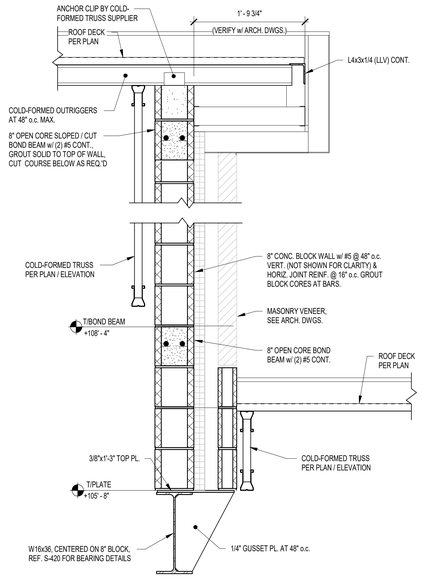

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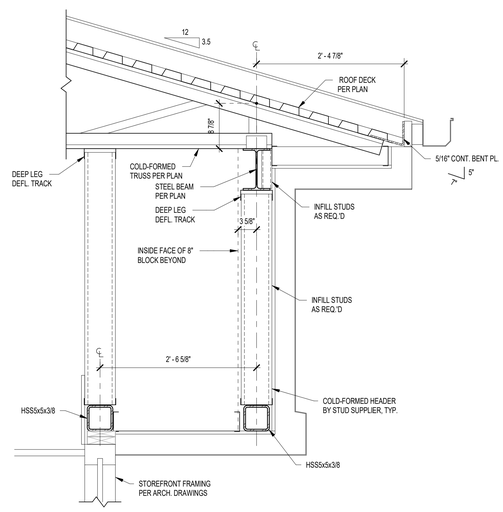

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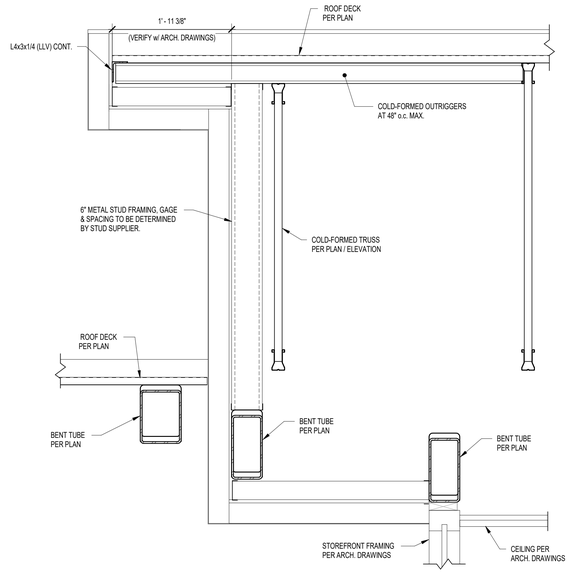

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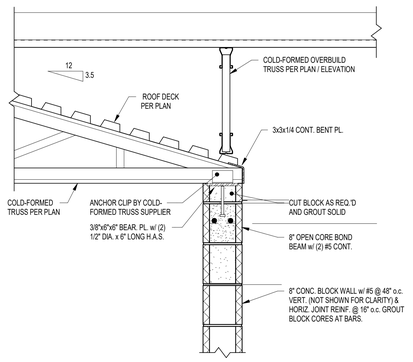

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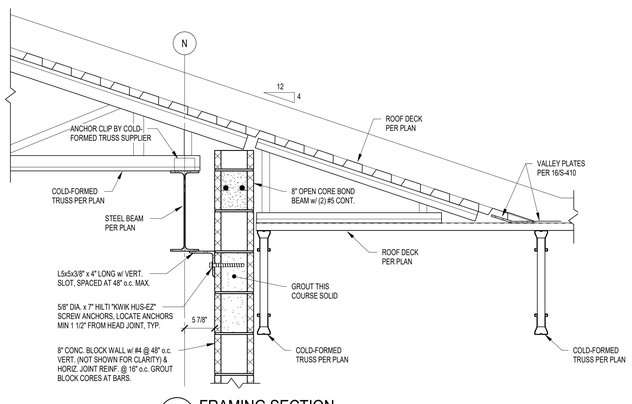

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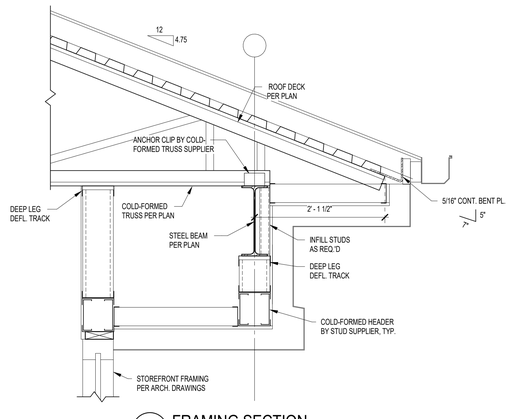

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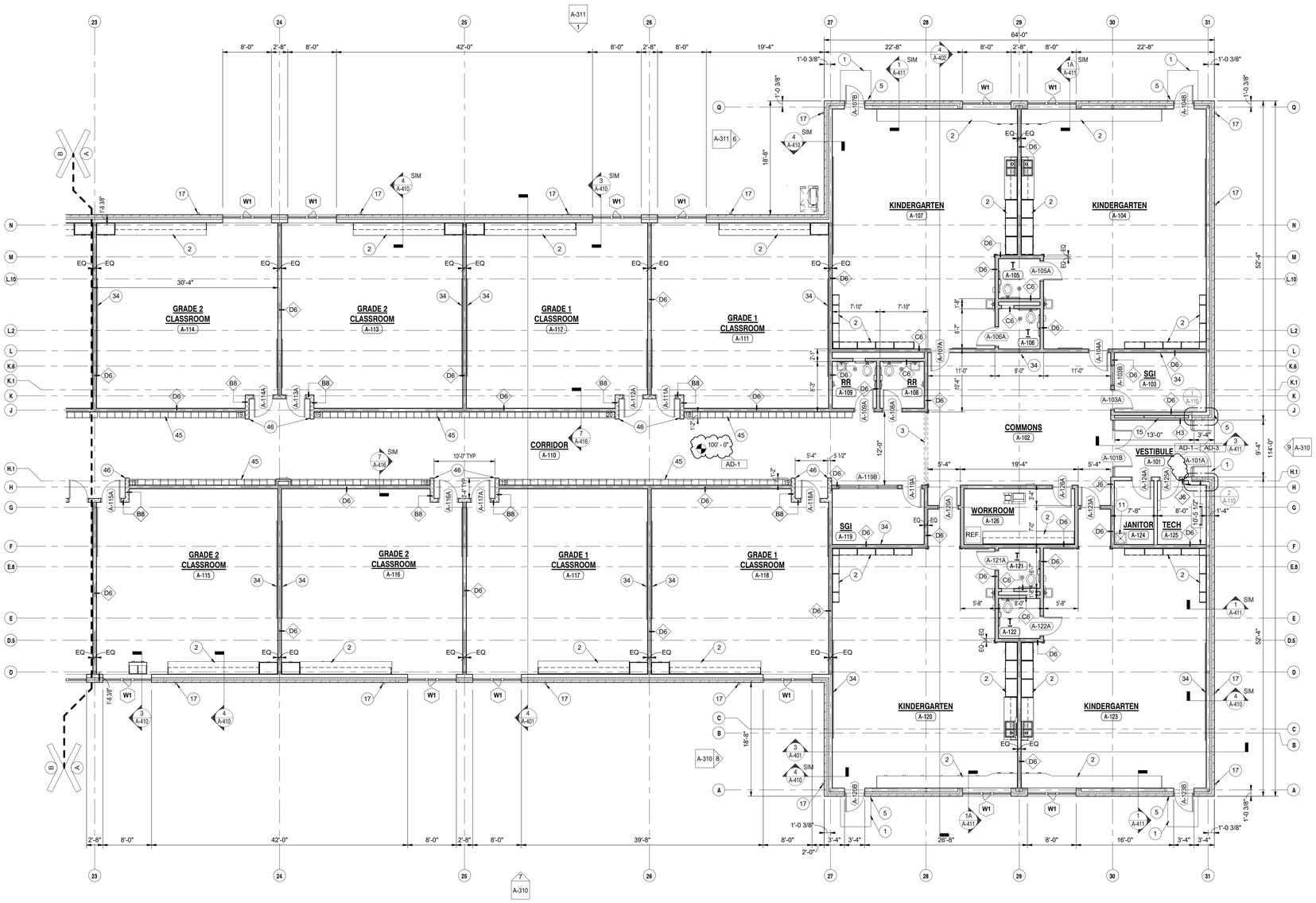


UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

1 / A-101 — 1/8" = 1'-0"

NORTH

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

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 FACE OF TILE BACKER BOARD.

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

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE 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 AD 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 REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

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

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

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

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX — INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WXX — INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

1. CONCRETE STOOP. PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS. REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL). REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL. REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. — 11 / A-431
10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK. REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN. REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. — 7 / A-211
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER. REFER TO MECHANICAL DRAWINGS. — AD-2
16. ROOF CONDUCTOR. REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT. REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE. REFER TO SECTIONS.
19. 6" PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. — 9 / A-501
21. ROOF BELOW. REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. — 18 / A-501 and 19 / A-501
23. ELECTRIC WATER COOLER. REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER. REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE. REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. — 4 / A-502
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 95'-0", TOP AT ELEVATION 102'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS. — AD-3
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. — 3 / A-610
36. ROLLING COUNTER DOOR. — 4 / A-610
37. ROLLING SERVICE DOOR. — 6 / A-610
38. RETURN AIR GRILL COVER. — 6 / A-502
39. CHASE WALL WITH SOLID SURFACE TOP. — 8 / A-502
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING, WALL, AND DOOR, BASE BID: CONCRETE SLAB, EXTEND ROOM D-110 — AD-3
50. CUBICLE CURTAIN — 13 / A-501
51. CYCLORAMA CURTAIN. — 13 / A-501
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.
53. FLAG POLE. REFER TO CIVIL FOR EXACT LOCATION. — AD-3 — 14 / A-501

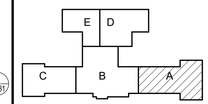
GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN



NORTH

GIBRALTAR DESIGN
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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

DANIEL L. ROESSLER — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-101

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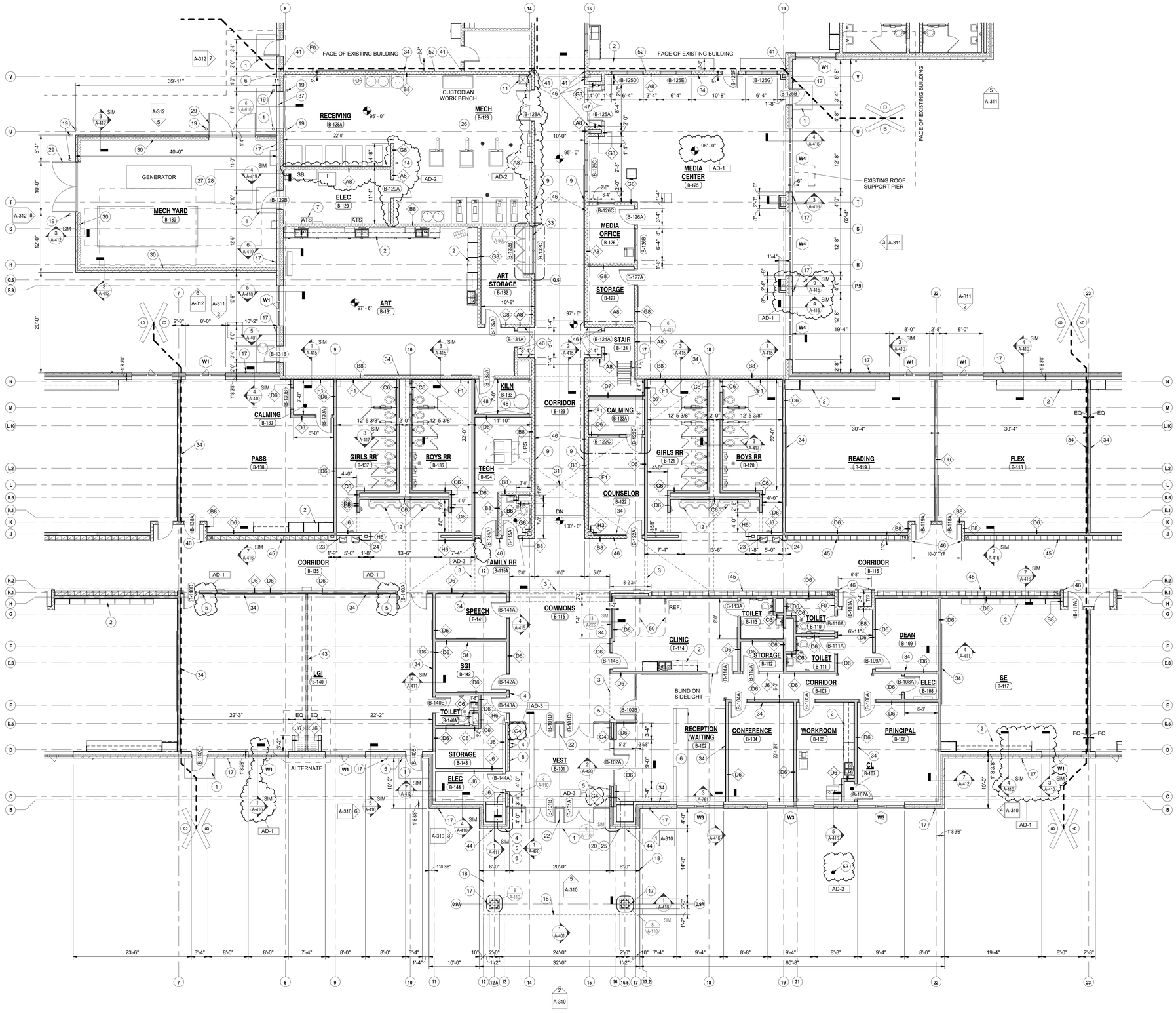

UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

1 / A-102 — 1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

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 FACE OF TILE BACKER BOARD.

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

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE 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 AD 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 REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

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

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

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

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX — INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WX — INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

1. CONCRETE STOOP. PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS. REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL). REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL. REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL. REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR, EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. (11 / A-431)
10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK. REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN. REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. (7 / A-211)
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER. REFER TO MECHANICAL DRAWINGS. (AD-2)
16. ROOF CONDUCTOR. REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT. REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE. REFER TO SECTIONS.
19. 6" PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. (9 / A-501)
21. ROOF BELOW. REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. (18 / A-501; 19 / A-501)
23. ELECTRIC WATER COOLER. REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER. REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE. REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. (4 / A-502)
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 95'-0", TOP AT ELEVATION 102'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS. (AD-3)
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. (3 / A-610)
36. ROLLING COUNTER DOOR. (4 / A-610)
37. ROLLING SERVICE DOOR. (6 / A-610)
38. RETURN AIR GRILL COVER. (6 / A-502; 8 / A-502)
39. CHASE WALL WITH SOLID SURFACE TOP.
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING, WALL, AND DOOR, BASE BID: CONCRETE SLAB, EXTEND ROOM D-110. (AD-3)
50. CUBICLE CURTAIN. (13 / A-501)
51. CYCLORAMA CURTAIN. (13 / A-501)
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.
53. FLAG POLE. REFER TO CIVIL FOR EXACT LOCATION. (AD-3) (14 / A-501)

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
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KEY PLAN — NORTH

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROUSSEAU — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

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REVISIONS

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AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET B — A-102

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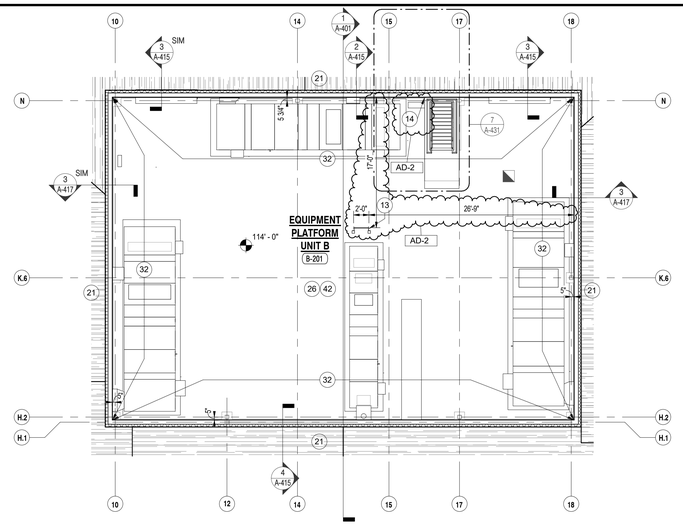
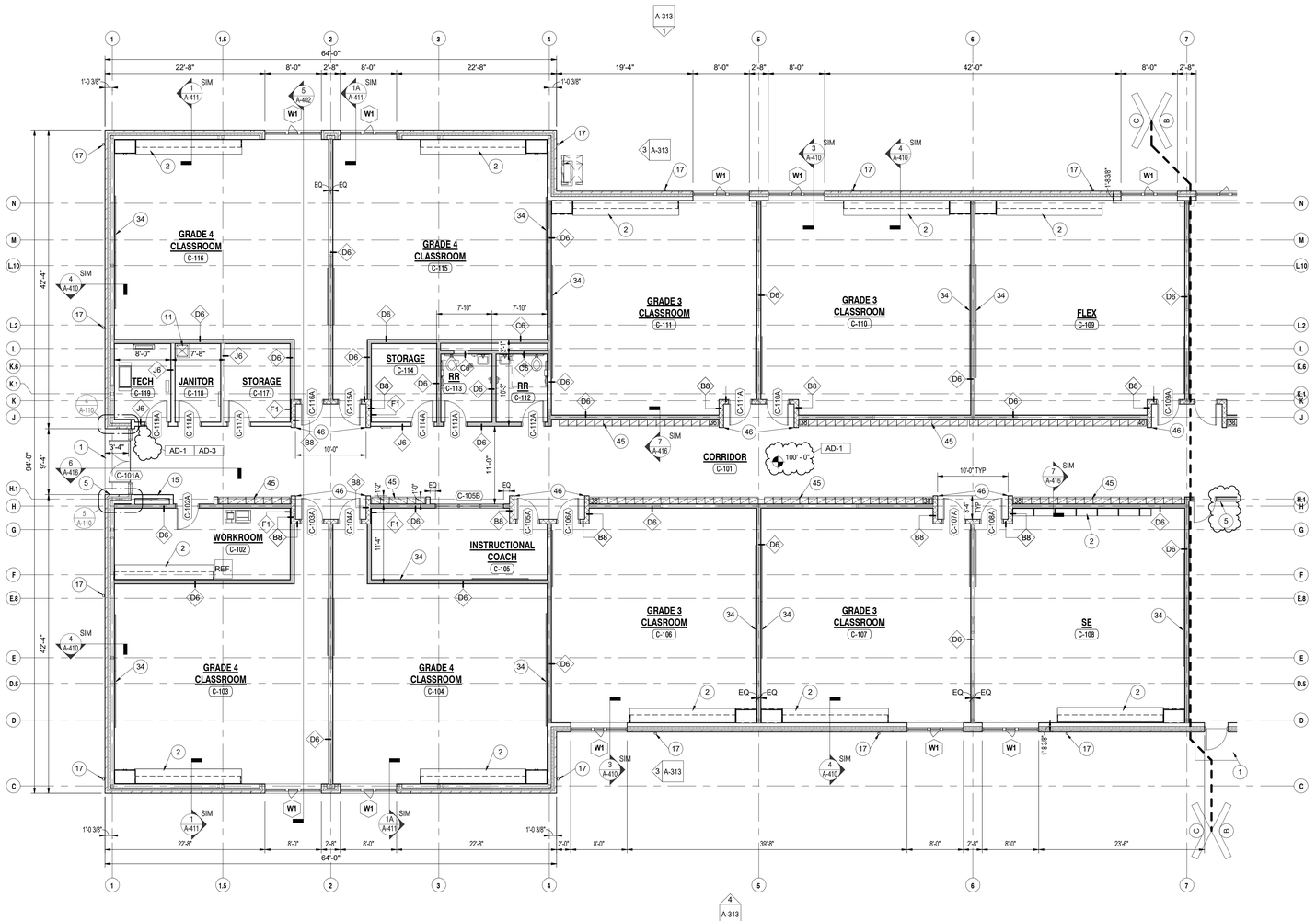


2 A-103 UNIT "B" ARCHITECTURAL MEZZANINE PLAN

1/8" = 1'-0"



1 A-103 UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

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 FACE OF TILE BACKER BOARD.

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

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE 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 AD 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 REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

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

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

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

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

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WXX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

1. CONCRETE STOOP. PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
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10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. (7, A-211)
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER, REFER TO MECHANICAL DRAWINGS. (AD-2)
16. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT, REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
19. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. (9, A-501)
21. ROOF BELOW, REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. (18, A-501; 19, A-501)
23. ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE, REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. (4, A-502)
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 95'-0", TOP AT ELEVATION 102'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS. (AD-3)
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. (3, A-610)
36. ROLLING COUNTER DOOR. (4, A-610)
37. ROLLING SERVICE DOOR. (6, A-610)
38. RETURN AIR GRILL COVER. (6, A-502)
39. CHASE WALL WITH SOLID SURFACE TOP. (8, A-502)
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
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46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
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53. FLAG POLE. REFER TO CIVIL FOR EXACT LOCATION. (AD-3; 14, A-501)

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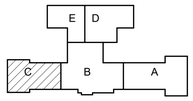
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

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REVISIONS

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AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN & UNIT "B" MEZZANINE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
C
A-103

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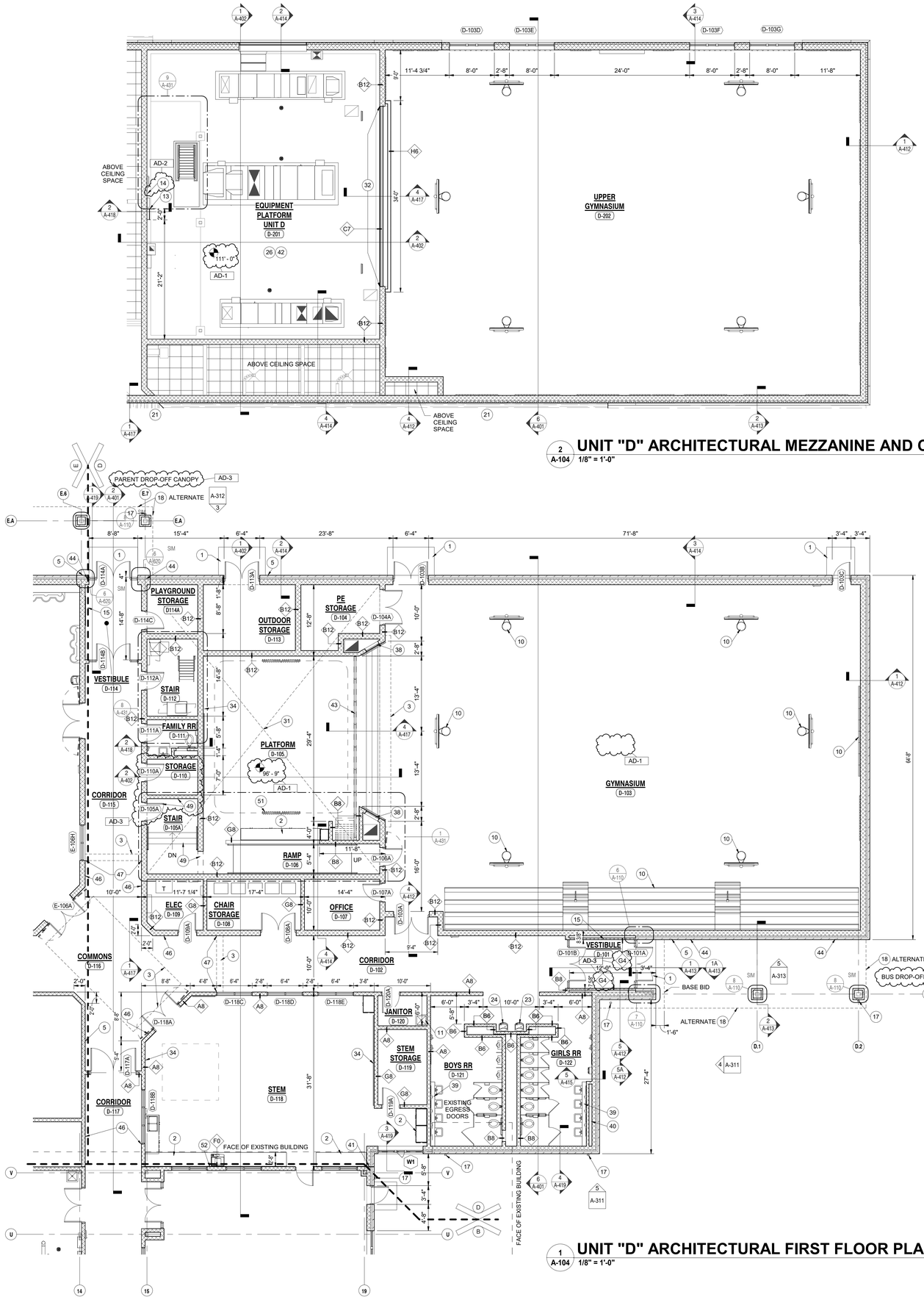
D-103D
D-103E
D-103F
D-103G
11'-4 3/4"
8'-0"
2'-8"
24'-0"
9'-0"
34'-0"
21'-2"
ABOVE CEILING SPACE
AD-2
AD-1
111' - 0"
EQUIPMENT PLATFORM UNIT D
D-201
UPPER GYMNASIUM
D-202
ABOVE CEILING SPACE
ABOVE CEILING SPACE
PARENT DROP-OFF CANOPY
AD-3
ALTERNATE
A-312
8'-8"
15'-4"
6'-4"
23'-8"
71'-8"
3'-4"
PLAYGROUND STORAGE
D114A
OUTDOOR STORAGE
D-113
PE STORAGE
D-104
VESTIBULE
D-114
STAIR
D-112
FAMILY RR
D-111A
STORAGE
D-110A
CORRIDOR
D-115
STAIR
D-105A
PLATFORM
D-105
RAMP
D-106
GYMNASIUM
D-103
ELEC
D-109
CHAIR STORAGE
D-108
OFFICE
D-107
CORRIDOR
D-102
VESTIBULE
D-101
COMMONS
D-116
JANITOR
D-120
STEM STORAGE
D-119
BOYS RR
D-121
GIRLS RR
D-122
CORRIDOR
D-117
STEM
D-118
EXISTING EGRESS DOORS
FACE OF EXISTING BUILDING
FACE OF EXISTING BUILDING
BASE BID
ALTERNATE
BUS DROP-OFF CANOPY
AD-3
ALTERNATE
FOLDING PARTITION
D-101B
D-101A
D-100A
D-100C
D-114A
D-114B
D-114C
D-112A
D-111B
D-110B
D-105B
D-106A
D-107A
D-103A
D-104A
D-113A
D-103B
D-118A
D-118C
D-118D
D-118E
D-117A
D-118B
D-119A
E-106H
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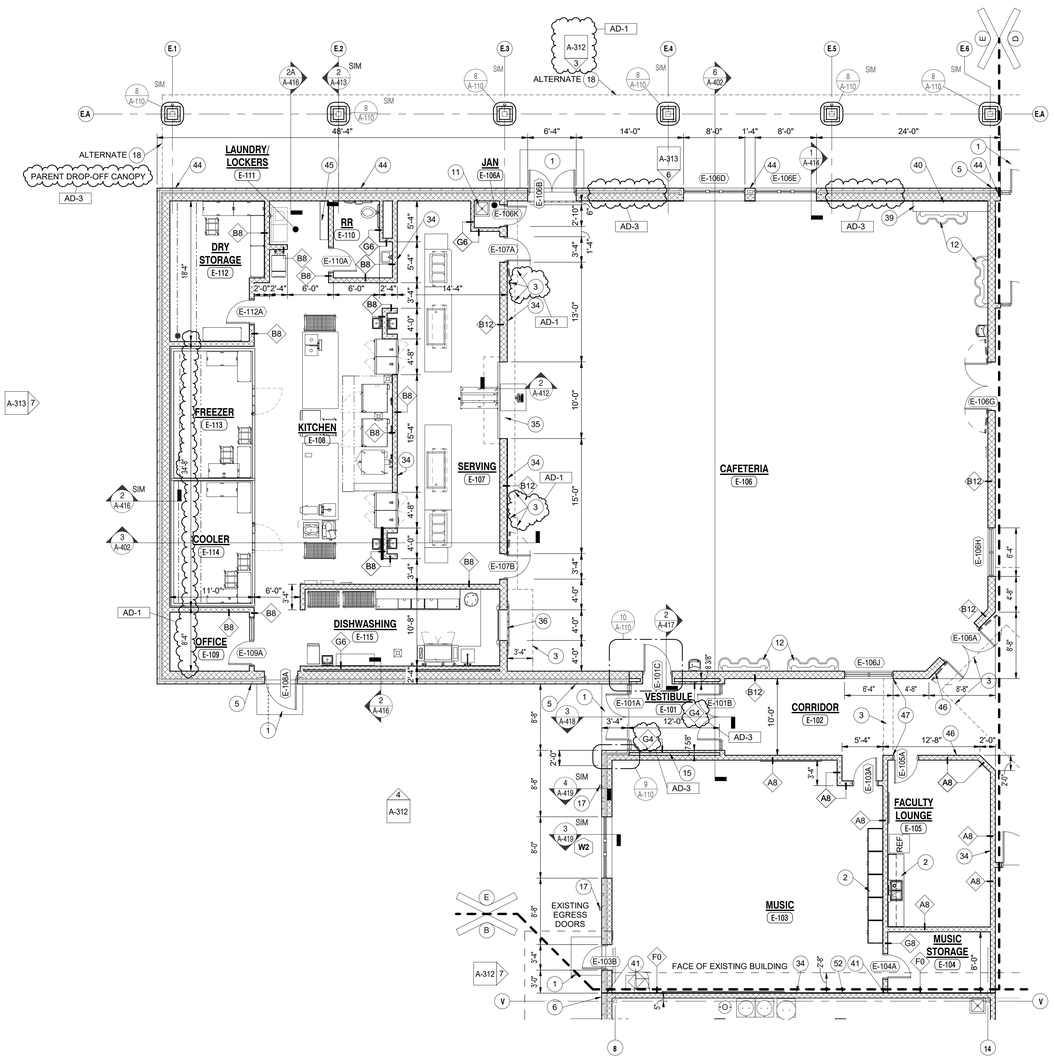

1 A-105 **UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN**
1/8" = 1'-0"

GENERAL NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.

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 FACE OF TILE BACKER BOARD.

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

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE 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 AD 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 REGUARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

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

J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIALS.

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

L. ALL INTERIOR RUNNING BOND FACE BRICK TO BE (TYPE D1) COLOR D - 1/3 RUNNING BOND - 4X4X12 UTILITY. ALL INTERIOR SOLDIER COURSE FACE BRICK TO BE (TYPE D2-1) COLOR D - SOLDIER COURSE - 4X4X8 CLOSURE.

M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN LEGEND:

XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS

WXX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

1. CONCRETE STOOP. PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
2. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
3. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
4. PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
5. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
6. AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
7. FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
9. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 36" ABOVE SLOPE OF RAMP AND FLOOR. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL. (11 A-431)
10. GYM EQUIPMENT (TYPICAL). REFER TO EQUIPMENT DRAWINGS.
11. MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER.
12. WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
13. ROOF HATCH AND LADDER. (7 A-211)
14. FIRE EXTINGUISHER (WALL MOUNTED). REFER TO EQUIPMENT PLANS FOR ADDITIONAL FIRE EXTINGUISHERS AND CABINETS.
15. CABINET HEATER, REFER TO MECHANICAL DRAWINGS. (AD-2)
16. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
17. DOWNSPOUT, REFER TO ROOF PLAN.
18. LINE OF CANOPY ABOVE, REFER TO SECTIONS.
19. 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
20. DATE STONE AND TIME CAPSULE. (9 A-501)
21. ROOF BELOW, REFER TO ROOF PLAN.
22. ALUMINUM DIVIDER RAIL. (18 A-501) (19 A-501)
23. ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
25. KNOX BOX.
26. PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSKEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
27. CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
28. 6" OF #53'S CRUSHED STONE, REFER TO CIVIL DRAWINGS.
29. ALUMINUM GATE WITH STEEL FRAME AND POST. (4 A-502)
30. ACOUSTICAL SOUND BAFFLE PANELS WITH 2" THICK FIBERGLASS INSULATION (BOTTOM AT ELEVATION 95'-0", TOP AT ELEVATION 102'-4"). PROVIDE ALUMINUM J MOLDING AT PERIMETER OF PANELS AND 1/8" TERMINATION BAR AT TOP OF PANELS. (AD-3)
31. PROVIDE SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK AT THIS LOCATION.
32. 1" SEMI-RIGID INSULATION FROM TOP OF CURB TO ROOF DECK.
33. DISPLAY CASE
34. DISPLAY WALL/MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING SHUTTER DOOR. (3 A-610)
36. ROLLING COUNTER DOOR. (4 A-610)
37. ROLLING SERVICE DOOR. (6 A-610)
38. RETURN AIR GRILL COVER. (6 A-502)
39. CHASE WALL WITH SOLID SURFACE TOP. (8 A-502)
40. INSTALL 2 1/8" RIGID INSULATION ON EXTERIOR WALL OF CHASE FROM TOP OF SLAB TO TOP OF CHASE.
41. 1/2" GAP IN WALL WITH SEALANT AND BACKER ROD AT ALL EXPOSED FACES.
42. PROVIDE 4" TALL CONCRETE CURB AROUND PERIMETER OF MEZZANINE AND OPENINGS FOR VERTICAL CIRCULATION. REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
43. ALTERNATE: FOLDING PARTITION (MANUAL).
44. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
45. METAL LOCKERS, REFER TO EQUIPMENT PLANS.
46. ALTERNATE: FACE OF EXPOSED CMU IN THIS AREA SHALL BE GROUND FACE CONCRETE MASONRY UNITS (GFCMU). BASE BID: STANDARD PAINTED CMU. REFER TO FINISH PLANS.
47. TRANSITION FROM GFCMU TO PAINTED CMU AT THIS POINT.
48. LAMINATE 5/8" GYPSUM BOARD TO FACE OF FOUNDATION WALL
49. ALTERNATE: STAIRS, HANDRAILS, WALL OPENING, WALL, AND DOOR, BASE BID: CONCRETE SLAB. EXTEND ROOM D-110 (AD-3)
50. CUBICLE CURTAIN. (13 A-501)
51. CYCLORAMA CURTAIN. (13 A-501)
52. LAMINATE TEMPORARY INSULATION AS PART OF PHASE 1 ALONG THIS WALL FROM FINISH FLOOR TO ROOF DECK. REMOVE AND REPLACE WITH GYPSUM BOARD FROM FINISH FLOOR TO 4" ABOVE CEILING IN PHASE 2.
53. FLAG POLE. REFER TO CIVIL FOR EXACT LOCATION. (AD-3) (14 A-501)

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROUSEY REGISTERED NO. AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

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AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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ROOF LEGEND AND TYPICAL DETAILS:

- ELEVATION TOP OF NEW ROOF DECK
- +X — INDICATES APPROXIMATE THICKNESS OF INSULATION
- INDICATES ROOF SLOPE (1/4" PER 12")
- INDICATES ROOF SADDLE SLOPE (1/2" PER 12")
- ROOF DRAIN — 9 / A-210
- ROOF DRAINAGE SADDLE ALL SLOPES SHALL BE 1/2" PER 12" — 9 / A-210
- HATCH PATTERN INDICATES TAPERED INSULATION OVER FLAT INSULATION AS REQUIRED TO MAINTAIN 1/4" SLOPE TO DRAIN
- WALKWAY PADS
- EXHAUST FAN — 15 / A-211
- PLUMBING VENT — 7 / A-210, 11 / A-210

ROOF PLAN NOTES:

1. ROOF LADDER. — 6 / A-211
2. ROOF HATCH. — 7 / A-211
3. MECHANICAL UNIT/EQUIPMENT - REFER TO MECHANICAL DRAWINGS. FLASH CURB PER ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.
4. 4" X 3" ALUMINUM DOWNSPOUT.
5. REFER TO WALL SECTIONS FOR METAL COPING ON TOP OF COLUMN BELOW CANOPY.
6. PROVIDE TEMPORARY ROOF CLOSURE AS PART OF PHASE 1 CONSTRUCTION. DURING PHASE 2 REMOVE TEMPORARY CLOSURE AND TIE NEW ROFFING SYSTEM INTO ROOFING SYSTEM FROM PHASE 1.
7. RETURN FASCIA AT END OF WALL.
8. SNOW GUARDS AS RECOMMENDED BY ROOFING MANUFACTURER. PROVIDE WOOD BLOCKING AS REQUIRED FOR INSTALLATION.
9. MAKE-UP AIR UNIT, REFER TO KITCHEN AND MECHANICAL DRAWINGS.
10. CONDENSING UNIT, REFER TO KITCHEN AND MECHANICAL DRAWINGS.
11. CONDENSATE FAN, REFER TO KITCHEN AND MECHANICAL DRAWINGS.
12. EXHAUST FAN, REFER TO MECHANICAL DRAWINGS.
13. PLUMBING VENT, REFER TO PLUMBING DRAWINGS.

ROOF EDGE DETAILS:

- A. WALL/ROOF COUNTER FLASHING — 2 / A-210
- B. EAVE DETAIL — 3 / A-210
- C. RIDGE VENT DETAIL — 4 / A-210
- D. METAL COPING DETAIL — 12 / A-211
- E. WALL/ROOF COUNTER FLASHING (FULL LENGTH OF WALL) — 14 / A-211
- F. GABLE EAVE DETAIL — 12 / A-210
- G. WALL/ROOF COUNTER FLASHING — 2 / A-211
- H. METAL COPING DETAIL — 4 / A-211
- J. WALL/ROOF COUNTER FLASHING AND METAL COPING DETAIL — 3 / A-211
- K. CANOPY EAVE DETAIL — 10 / A-211
- L. CANOPY GABLE EAVE DETAIL — 11 / A-211
- M. WALL/ROOF COUNTER FLASHING — 1 / A-210
- N. BRICK TO EIFS TRANSITION FASCIA — 13 / A-211
- P. GABLE EAVE DETAIL — 9 / A-211
- Q. WALL/ROOF COUNTER FLASHING — 1 / A-211
- R. WALL/ROOF COUNTER FLASHING — 6 / A-210
- S. METAL COPING DETAIL — 13 / A-210
- T. EAVE DETAIL — 8 / A-211

GENERAL ROOFING NOTES

A. FOR GENERAL NOTES, MATERIAL IDENTIFICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. REFER TO SHEET G-301.

B. THE ROOFING INSTALLER SHALL VERIFY ALL DIMENSIONS, CLEARANCES, AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

C. THE ROOFING INSTALLER SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGE CAUSED BY THE IMPROPER STORAGE OR STACKING OF ROOFING MATERIALS.

D. ALL DIMENSIONS INDICATED ON ROOF PLAN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ACCURATE FIELD MEASUREMENTS FOR HE EXECUTION OF HIS WORK AND PRIOR TO ANY FABRICATION OF THE VARIOUS MATERIALS.

E. THE ROOFING CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOFING INSTALLER SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS, AND DOWNSPOUTS PRIOR TO COMPLETION OF NEW WORK TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.

F. ROOF DRAIN LOCATIONS INDICATE DESIGN INTENT. COORDINATE LOCATIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

G. FOR LOCATION, TYPE, AND SIZE OF ALL ROOF TOP MECHANICAL EQUIPMENT REFER TO MECHANICAL DRAWINGS.

H. FOR LOCATIONS OF ALL PLUMBING VENTS REFER TO PLUMBING DRAWINGS.

I. EXTEND ALL PLUMBING VENTS SO THAT THE TOP IS A MINIMUM OF 12" ABOVE THE ROOFING MEMBRANE.

J. PROVIDE FLASHING AND A TWO PIECE COUNTER-FLASHING WHERE ROOFING ABUTS WALL, UNLESS OTHERWISE NOTED OR DETAILED.

K. PROVIDE FLASHING AT ALL VENTS, MECHANICAL CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAS, ETC. IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS, AND WITH ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.

L. CONTRACTOR TO PROVIDE CRICKETS AND/OR ROOF SADDLES AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AROUND ALL ROOF TOP PENETRATIONS.

M. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPE TO DRAIN. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO ENSURE POSITIVE SLOPE.

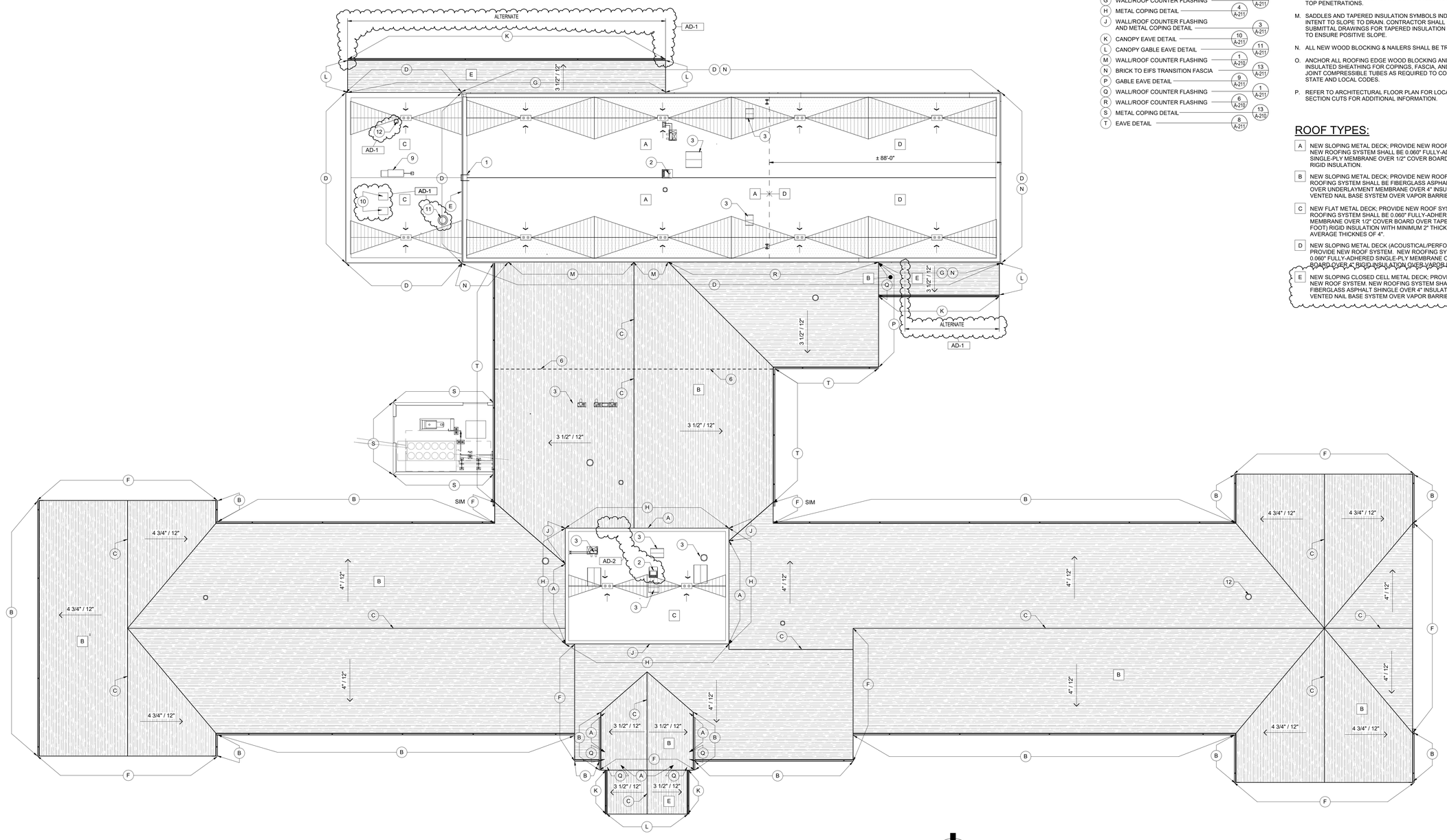
N. ALL NEW WOOD BLOCKING & NAILERS SHALL BE TREATED WOOD.

O. ANCHOR ALL ROOFING EDGE WOOD BLOCKING AND STRUCTURAL INSULATED SHEATHING FOR COPINGS, FASCIA, AND EXPANSION JOINT COMPRESSIBLE TUBES AS REQUIRED TO CONFORM TO STATE AND LOCAL CODES.

P. REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATION OF SECTION CUTS FOR ADDITIONAL INFORMATION.

ROOF TYPES:

- A. NEW SLOPING METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER 4" RIGID INSULATION.
- B. NEW SLOPING METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE FIBERGLASS ASPHALT SHINGLE OVER UNDERLAYMENT MEMBRANE OVER 4" INSULATED VENTED NAIL BASE SYSTEM OVER VAPOR BARRIER.
- C. NEW FLAT METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER TAPERED (1/4" PER FOOT) RIGID INSULATION WITH MINIMUM 2" THICKNESS AND AVERAGE THICKNES OF 4".
- D. NEW SLOPING METAL DECK (ACOUSTICAL/PERFORATED); PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER 4" RIGID INSULATION OVER VAPOR BARRIER
- E. NEW SLOPING CLOSED CELL METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE FIBERGLASS ASPHALT SHINGLE OVER 4" INSULATED VENTED NAIL BASE SYSTEM OVER VAPOR BARRIER.



1 A-201 **OVERALL ROOF PLAN**
1/16" = 1'-0"

NORTH

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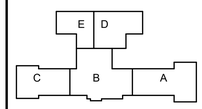
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN — NORTH

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
JMG, PD
CHECKED BY
MLR

MICHAEL L. RUSSELL REGISTERED NO. AR11600005 STATE OF INDIANA ARCHITECT

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AD-3	4/28/2022	ADDENDUM 3

DRAWING
OVERALL ARCHITECTURAL ROOF PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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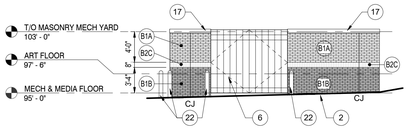
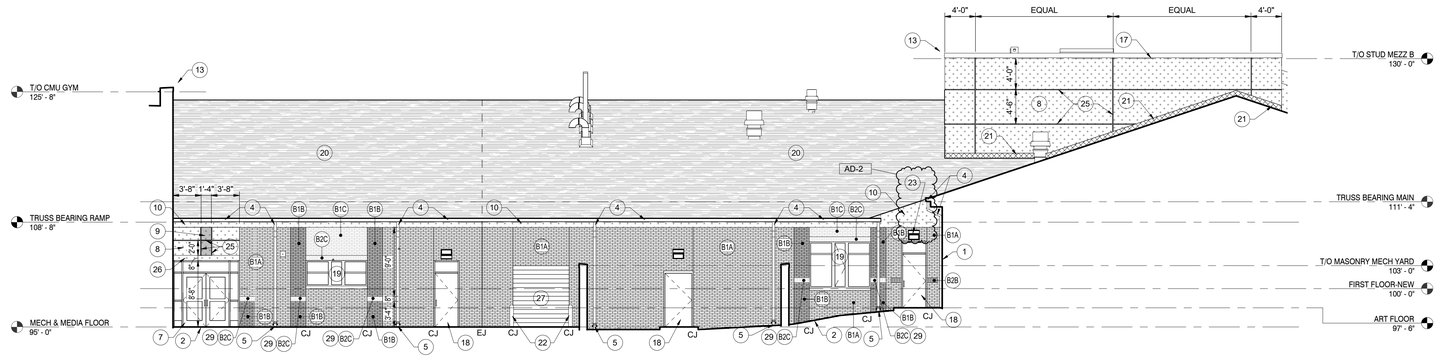


8 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



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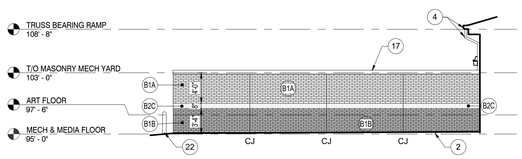
1/8" = 1'-0"



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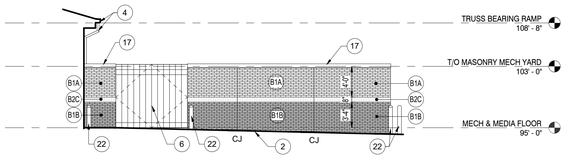
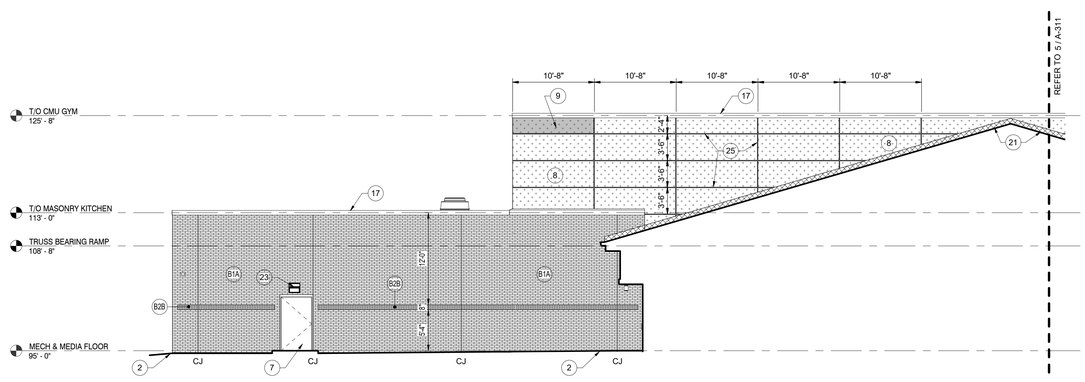
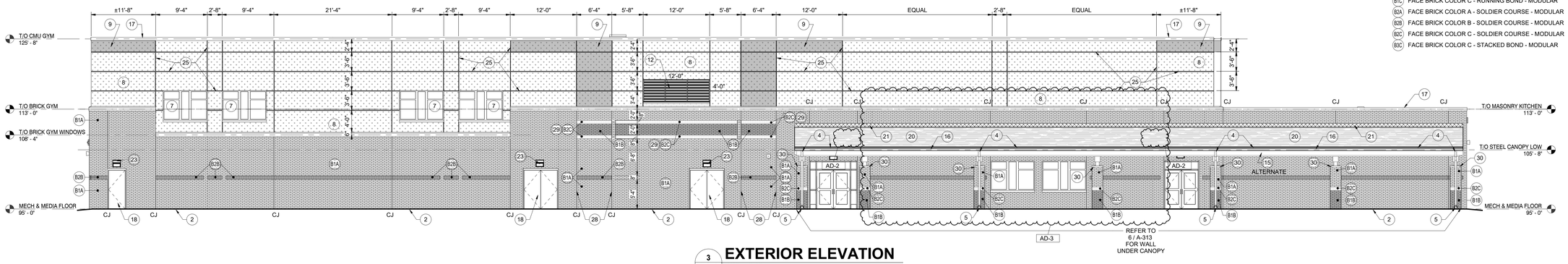
1/8" = 1'-0"



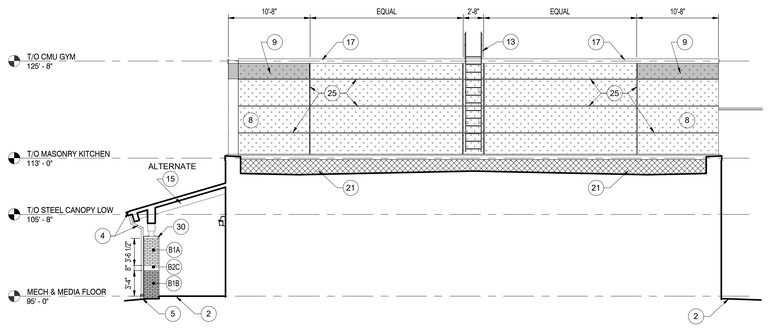
5 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



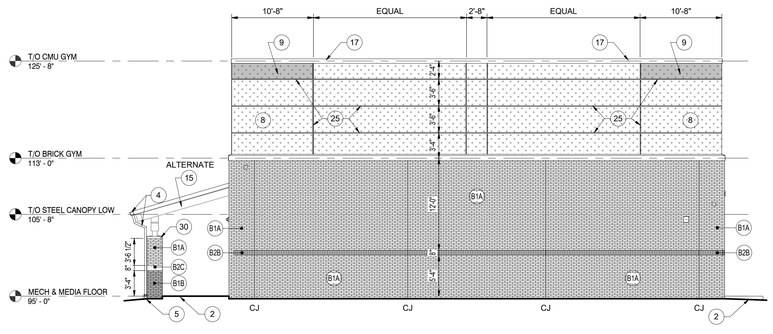
4 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



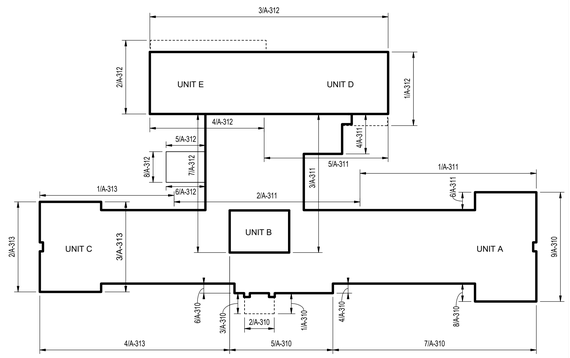
3 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



2 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



1 A-312 **EXTERIOR ELEVATION**
1/8" = 1'-0"



ELEVATION KEYPLAN
NOT TO SCALE

GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTION CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. ALL FACE BRICK SHALL BE UTILITY 1/3 RUNNING BOND UNLESS NOTED OTHERWISE.

E. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK UNLESS NOTED OTHERWISE. COORDINATE WITH CIVIL DRAWINGS.

G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAILS 1 / A-410 , 2 / A-410 AND 8 / A-501. SEALANT COLOR A UNLESS NOTED OTHERWISE

H. (EJ) INDICATES BUILDING EXPNASION JOINT. REFER TO PLAN DETAILS.

GENERAL ELEVATION NOTES:

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

1. TRANSITION COURSING AT THIS INSIDE CORNER.
2. APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
3. DATE STONE AND TIME CAPSULE. — 9 / A-501
4. METAL GUTTER AND DOWNSPOUTS - COLOR A. REFER TO ROOF PLAN.
5. DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
6. ALUMINUM GATE. — 4 / A-502
7. ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE.
8. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR A.
9. EXTERIOR INSULATION FINISH SYSTEM (EIFS) - COLOR B.
10. EIFS FASCIA (COLOR C) AND SOFFIT (COLOR A)
11. KNOX BOX
12. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORTS AS REQUIRED BY LOUVER MANUFACTURER. PAINT TO MATCH ADJACENT EIFS COLOR — 9 / A-502, 10 / A-502
13. ROOF LADDER, REFER TO ROOF PLAN.
14. 8" HIGH ALUMINUM LETTERING. VERIFY NAME WITH OWNER. — 6 / A-501
15. EXPOSED STRUCTURAL STEEL CANOPY (REFER TO REFLECTED CEILING PLAN FOR COLORS).
16. METAL FASCIA - COLOR A. REFER TO ROOF PLAN.
17. METAL COPING - COLOR A. REFER TO ROOF PLAN.
18. FRP DOOR AND ALUMINUM FRAME.
19. ALUMINUM WINDOW WITH BASE BID: ALUMINUM SILL. ALTERNATE: CUT STONE SILL.
20. FIBERGLASS ASPHALT SHINGLE ROOF
21. ROOF FLASHING, REFER TO ROOF PLAN.
22. PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
23. LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
24. ALUMINUM CURTAIN WALL SYSTEM W/ ALUMINUM DOORS.
25. 1" EIFS REVEAL.
26. 2" EIFS BAND.
27. ROLLING SERVICE DOOR.
28. SEALANT COLOR B IN THIS JOINT.
29. ALTERNATE: CUT STONE BAND.
30. BASE BID: BREAK METAL CAP (COLOR A). ALTERNATE: CUT STONE CAP.

BRICK TYPE NOTES:

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

- B1A FACE BRICK COLOR A - RUNNING BOND - MODULAR
- B1B FACE BRICK COLOR B - RUNNING BOND - MODULAR
- B1C FACE BRICK COLOR C - RUNNING BOND - MODULAR
- B2A FACE BRICK COLOR A - SOLDIER COURSE - MODULAR
- B2B FACE BRICK COLOR B - SOLDIER COURSE - MODULAR
- B2C FACE BRICK COLOR C - SOLDIER COURSE - MODULAR
- B3C FACE BRICK COLOR C - STACKED BOND - MODULAR

GIBRALTAR
DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

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
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROUSSEAU
REGISTERED
NO. AR11600005
STATE OF INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
EXTERIOR ELEVATIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-312

4/30/2022 10:46:01 AM
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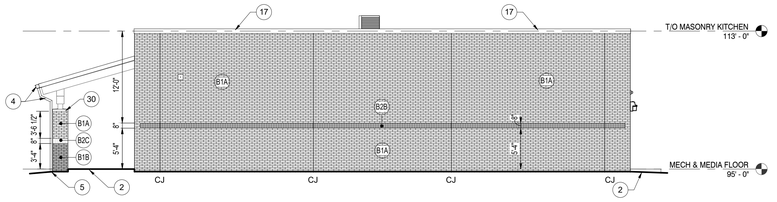
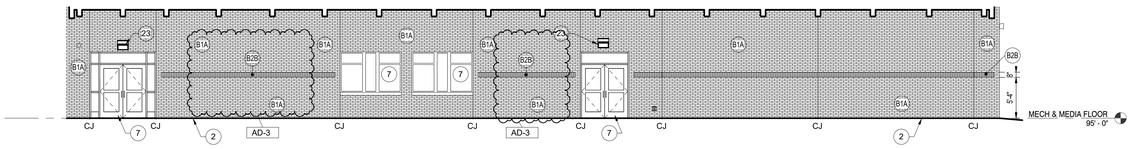
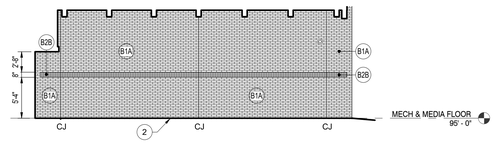


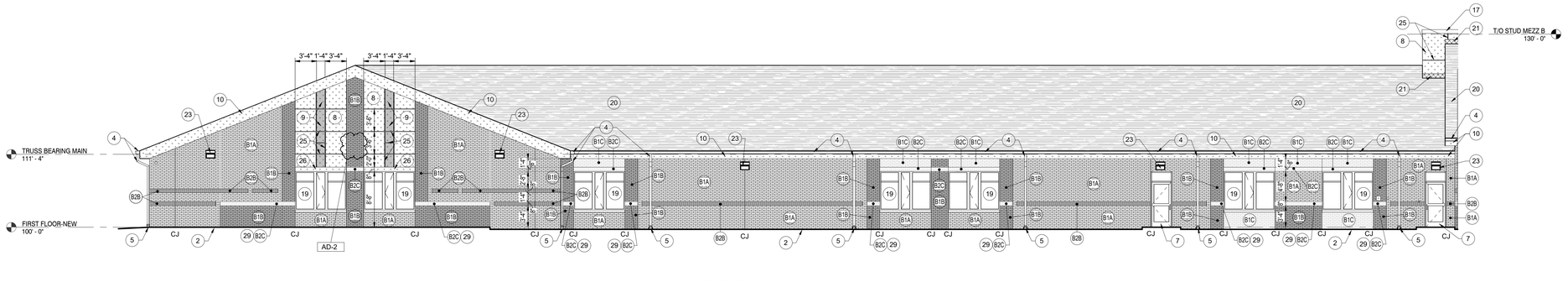
7 A-313 EXTERIOR ELEVATION
1/8" = 1'-0"



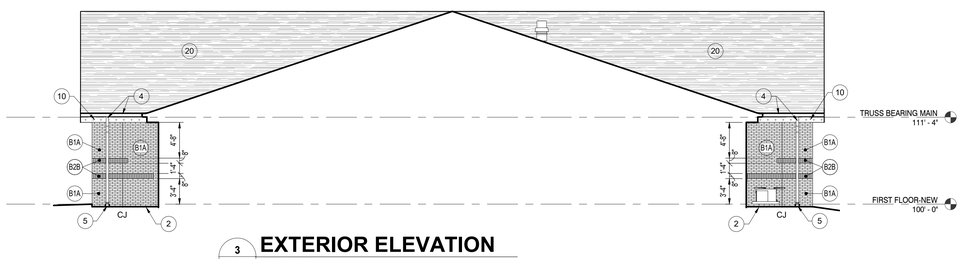
6 A-313 EXTERIOR ELEVATION UNDER CANOPY
1/8" = 1'-0"



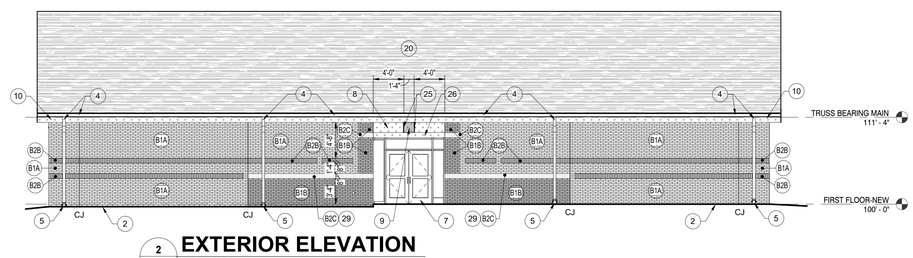
5 A-313 EXTERIOR ELEVATION UNDER CANOPY
1/8" = 1'-0"



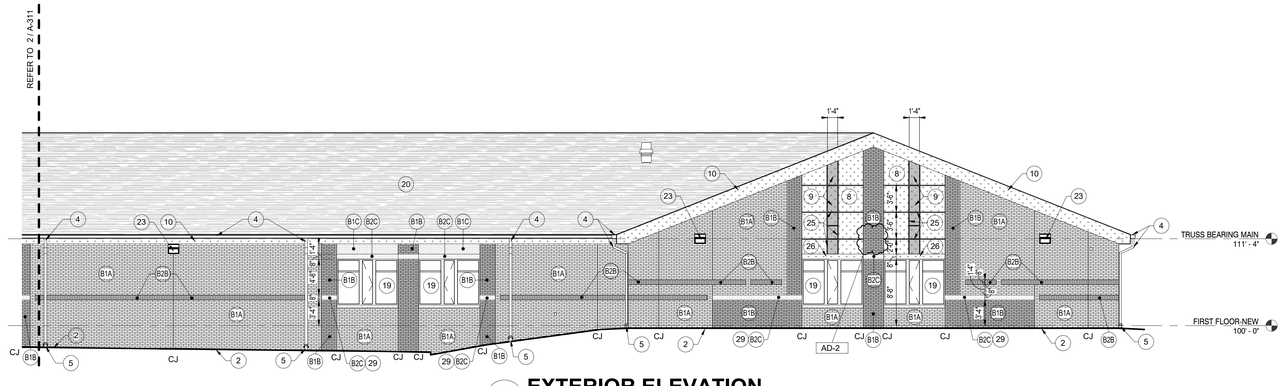
4 A-313 EXTERIOR ELEVATION
1/8" = 1'-0"



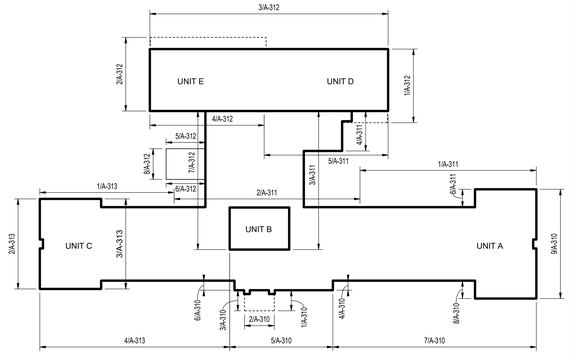
3 A-313 EXTERIOR ELEVATION
1/8" = 1'-0"



2 A-313 EXTERIOR ELEVATION
1/8" = 1'-0"



1 A-313 EXTERIOR ELEVATION
1/8" = 1'-0"



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- B2B FACE BRICK COLOR B - SOLDIER COURSE - MODULAR
- B2C FACE BRICK COLOR C - SOLDIER COURSE - MODULAR
- B3C FACE BRICK COLOR C - STACKED BOND - MODULAR

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

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 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROUSSEAU — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

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REVISIONS

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AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
EXTERIOR ELEVATIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-313

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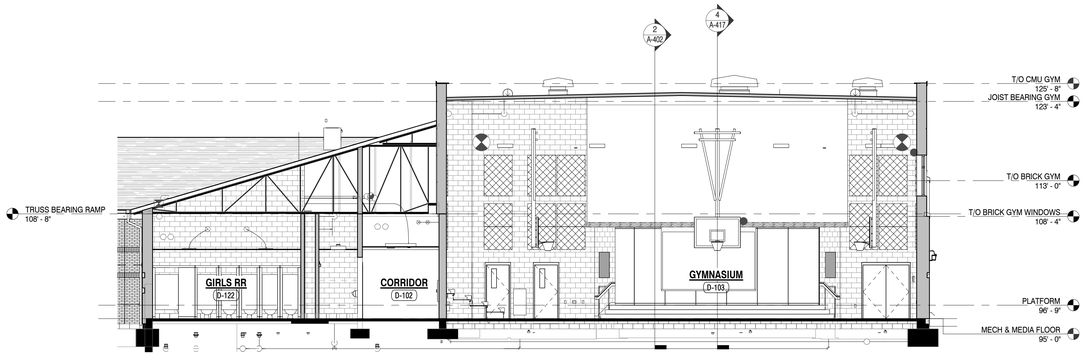
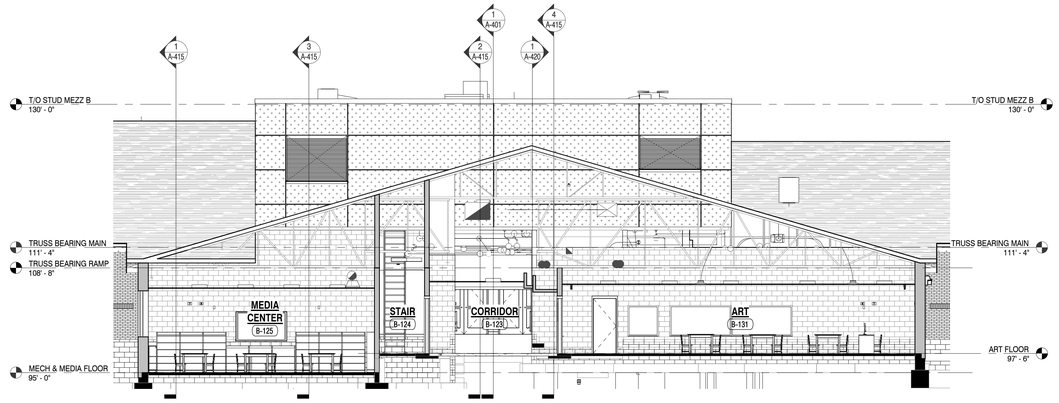


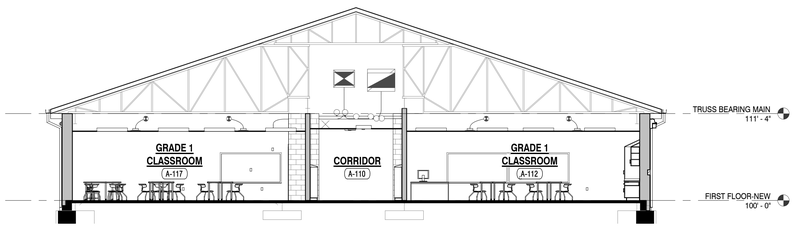
6 A-401 BUILDING SECTION - GYM
1/8" = 1'-0"



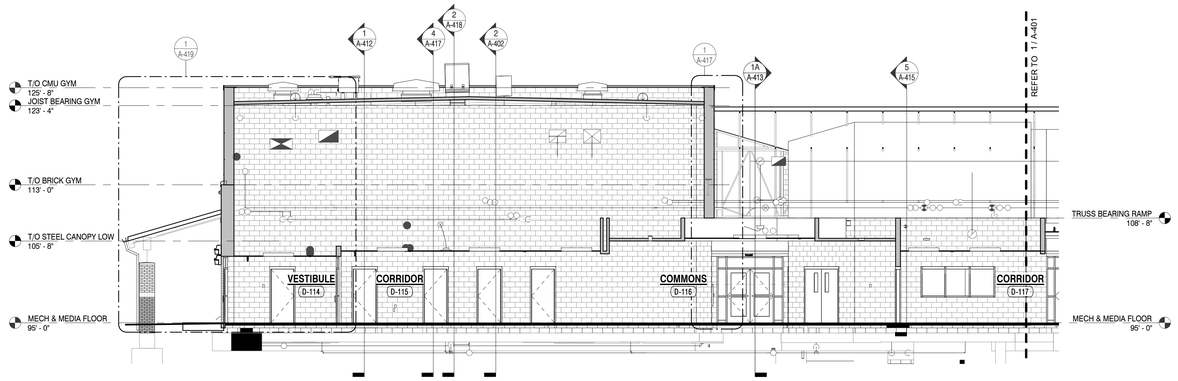
5 A-401 BUILDING SECTION - ART AND MEDIA CENTER
1/8" = 1'-0"

AD-3

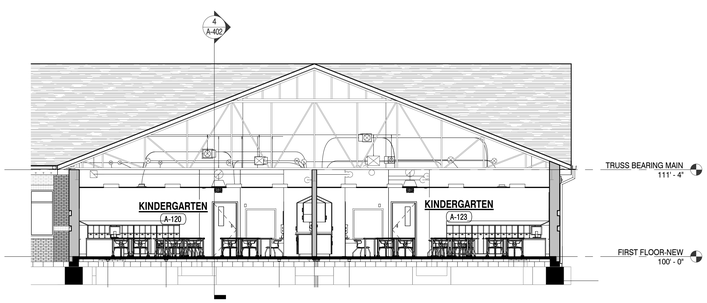
NOTE:
BUILDING SECTIONS FOR SPACE RELATIONSHIP DESCRIPTION ONLY. REFER TO FLOOR PLANS, WALL SECTIONS, AND PARTITION TYPES FOR WALL HEIGHTS. WHERE TRUSSES INTERFERE WITH WALL INSTALLATION EXTEND WALLS BETWEEN TRUSSES AND SEAL PENETRATIONS.



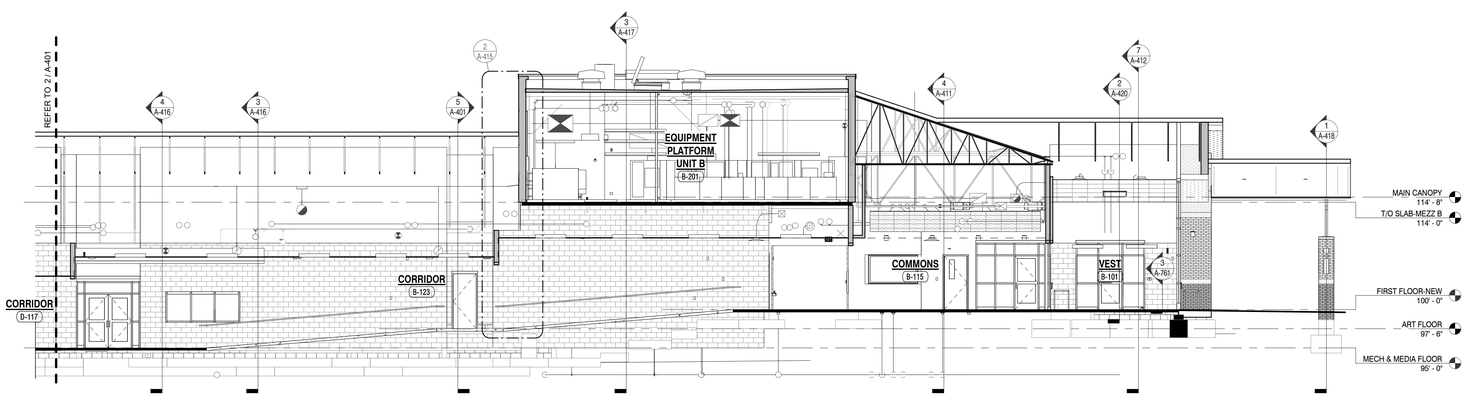
4 A-401 BUILDING SECTION - CLASSROOM
1/8" = 1'-0"



2 A-401 BUILDING SECTION - RAMPED CORRIDOR CONTINUATION
1/8" = 1'-0"



3 A-401 BUILDING SECTION - KINDERGARTEN
1/8" = 1'-0"



1 A-401 BUILDING SECTION - COMMONS AND RAMPED CORRIDOR
1/8" = 1'-0"

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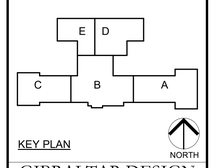
PROJECT:

NEW YOST ELEMENTARY SCHOOL

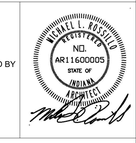
DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



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
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR



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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
BUILDING SECTIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-401

4/30/2022 10:54:03 AM
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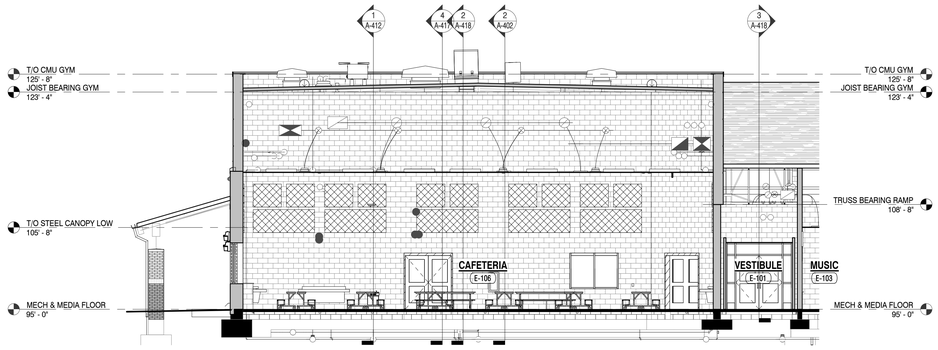
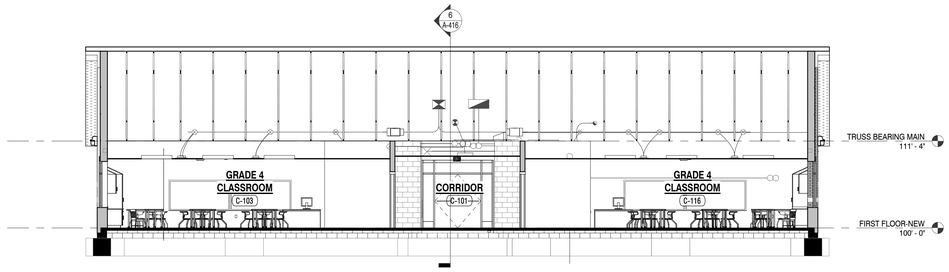
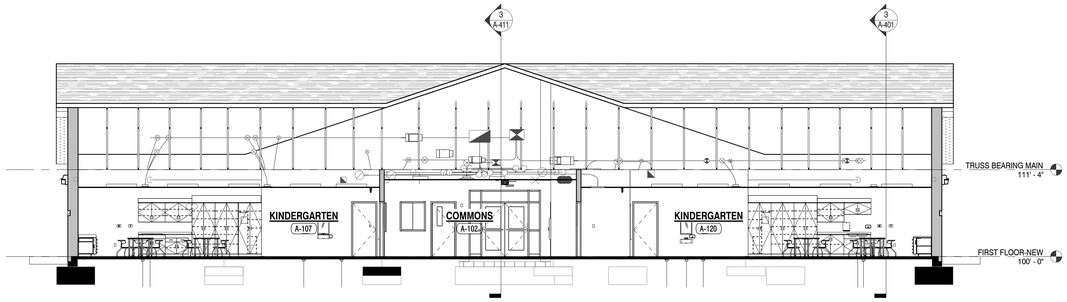


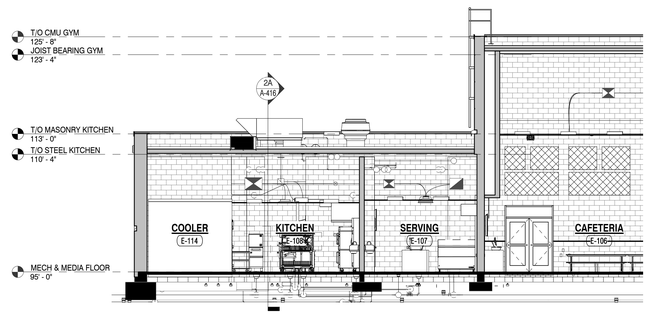
6 BUILDING SECTION - CAFETERIA
A-402 1/8" = 1'-0"



5 BUILDING SECTION - UNIT C END POD
A-402 1/8" = 1'-0"



4 BUILDING SECTION - UNIT A END POD
A-402 1/8" = 1'-0"



3 BUILDING SECTION - KITCHEN
A-402 1/8" = 1'-0"

AD-3

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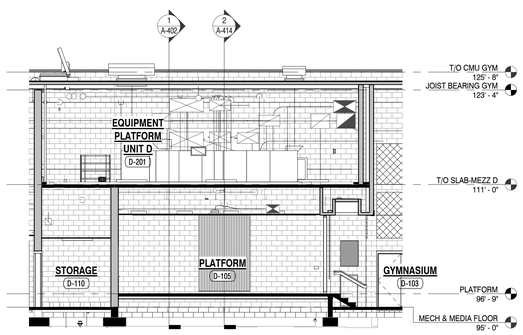
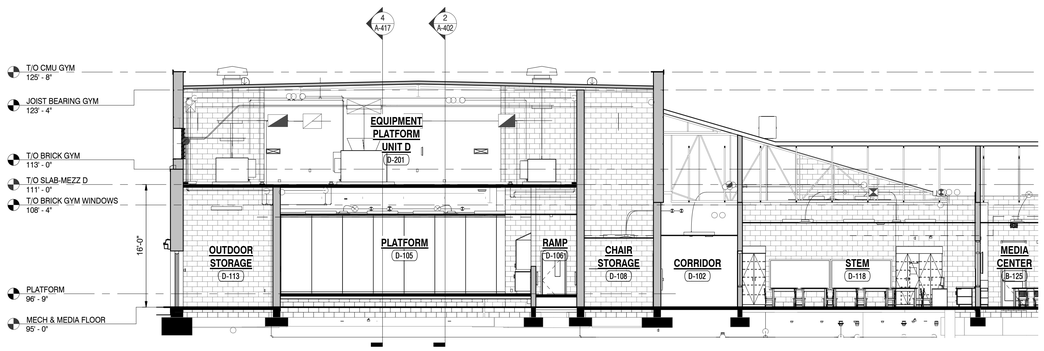


2 BUILDING SECTION - PLATFORM
A-402 1/8" = 1'-0"



1 BUILDING SECTION - STAGE AND STEM
A-402 1/8" = 1'-0"

GIBRALTAR
DESIGN
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PROJECT
21-134
DATE
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CHECKED BY
MLR

MICHAEL L. RUSSELL
REGISTERED
NO.
AR11600005
STATE OF
INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
BUILDING SECTIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-402

4/30/2022 10:54:31 AM
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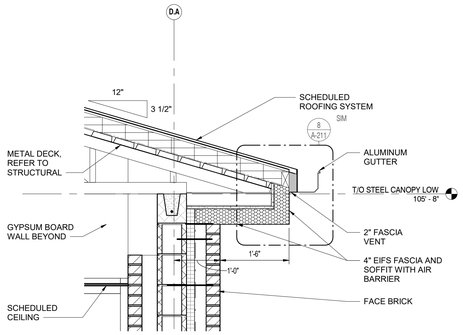
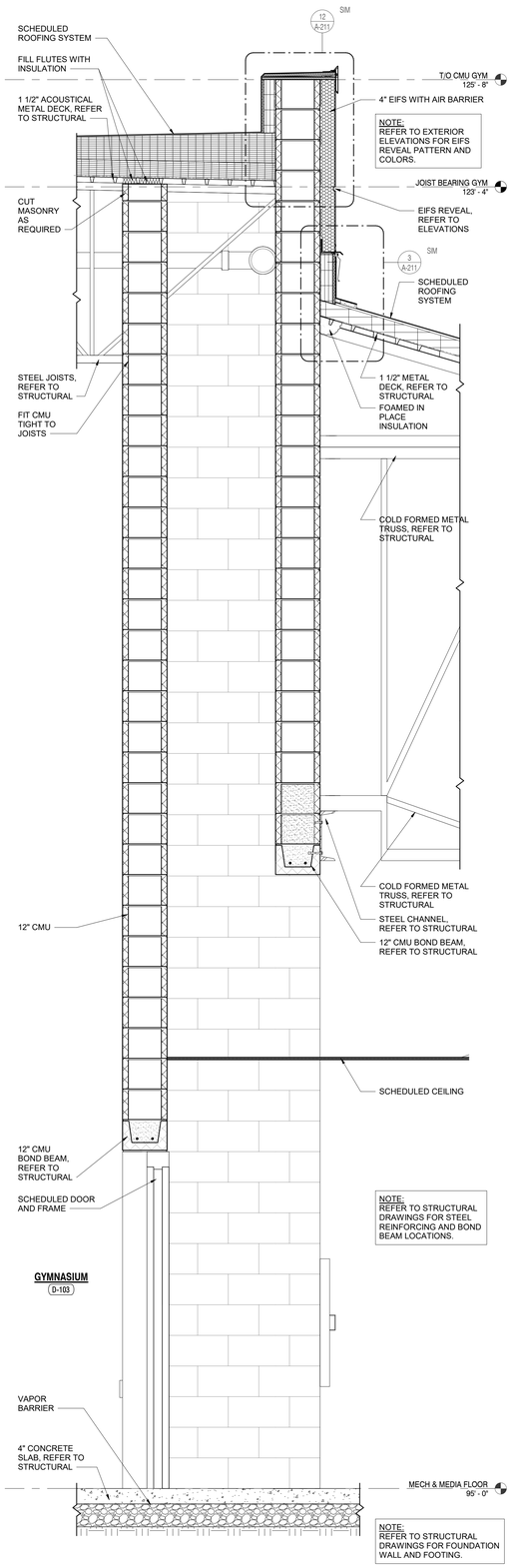


5A A-412 WALL SECTION - BASE BID
3/4" = 1'-0"



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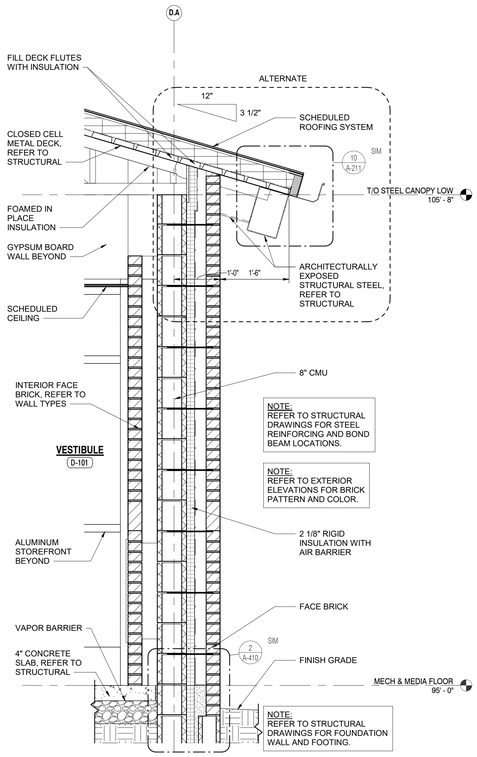
3/4" = 1'-0"



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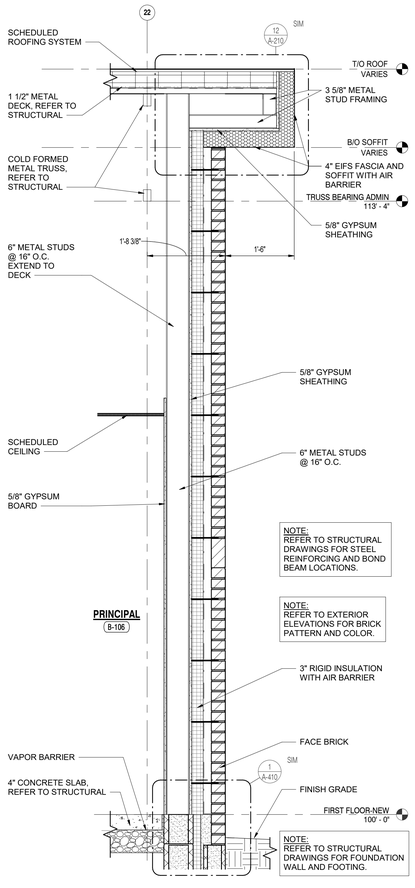
3/4" = 1'-0"



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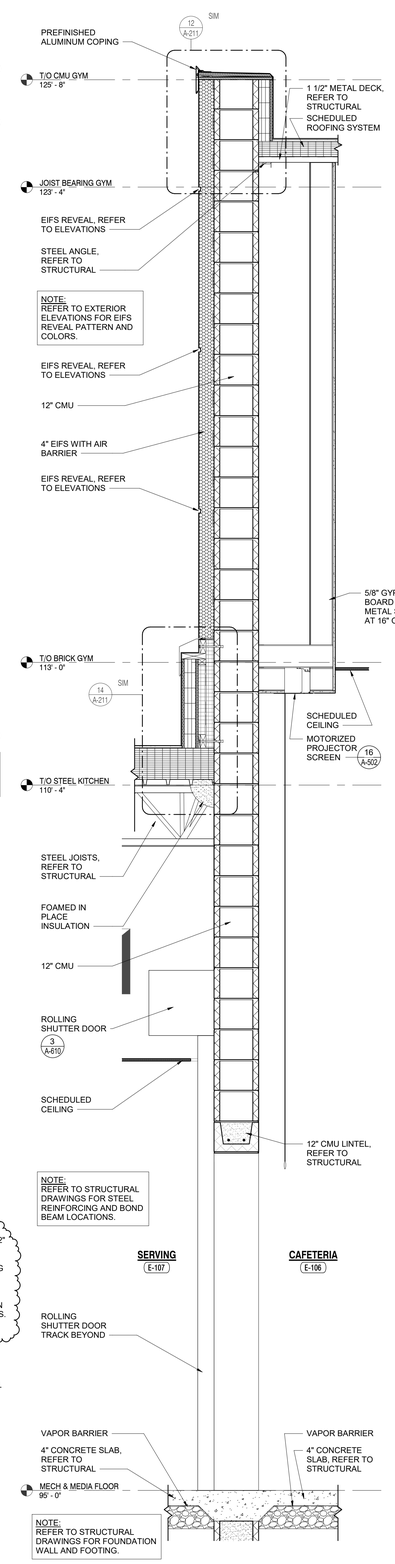
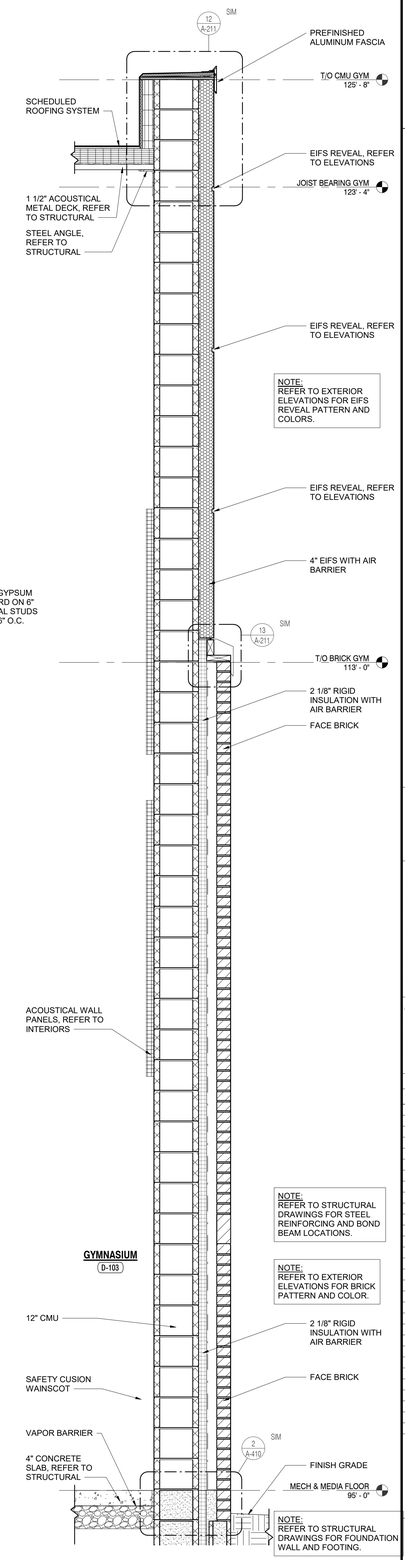
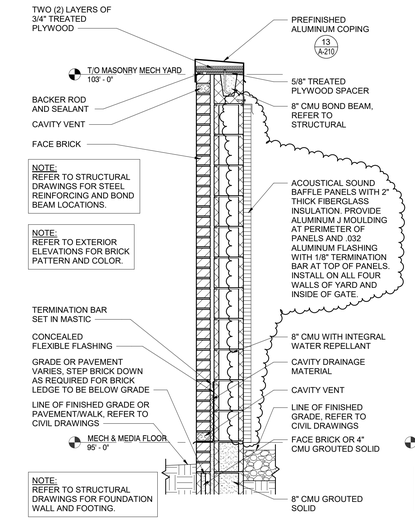
3/4" = 1'-0"



2 A-412 WALL SECTION
3/4" = 1'-0"



1 A-412 WALL SECTION
3/4" = 1'-0"



3 A-412 WALL SECTION
3/4" = 1'-0"

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PROJECT:
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. RUTHERFORD REGISTERED NO. AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

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AD-3	4/28/2022	ADDENDUM 3

DRAWING
WALL SECTIONS

PROJECT
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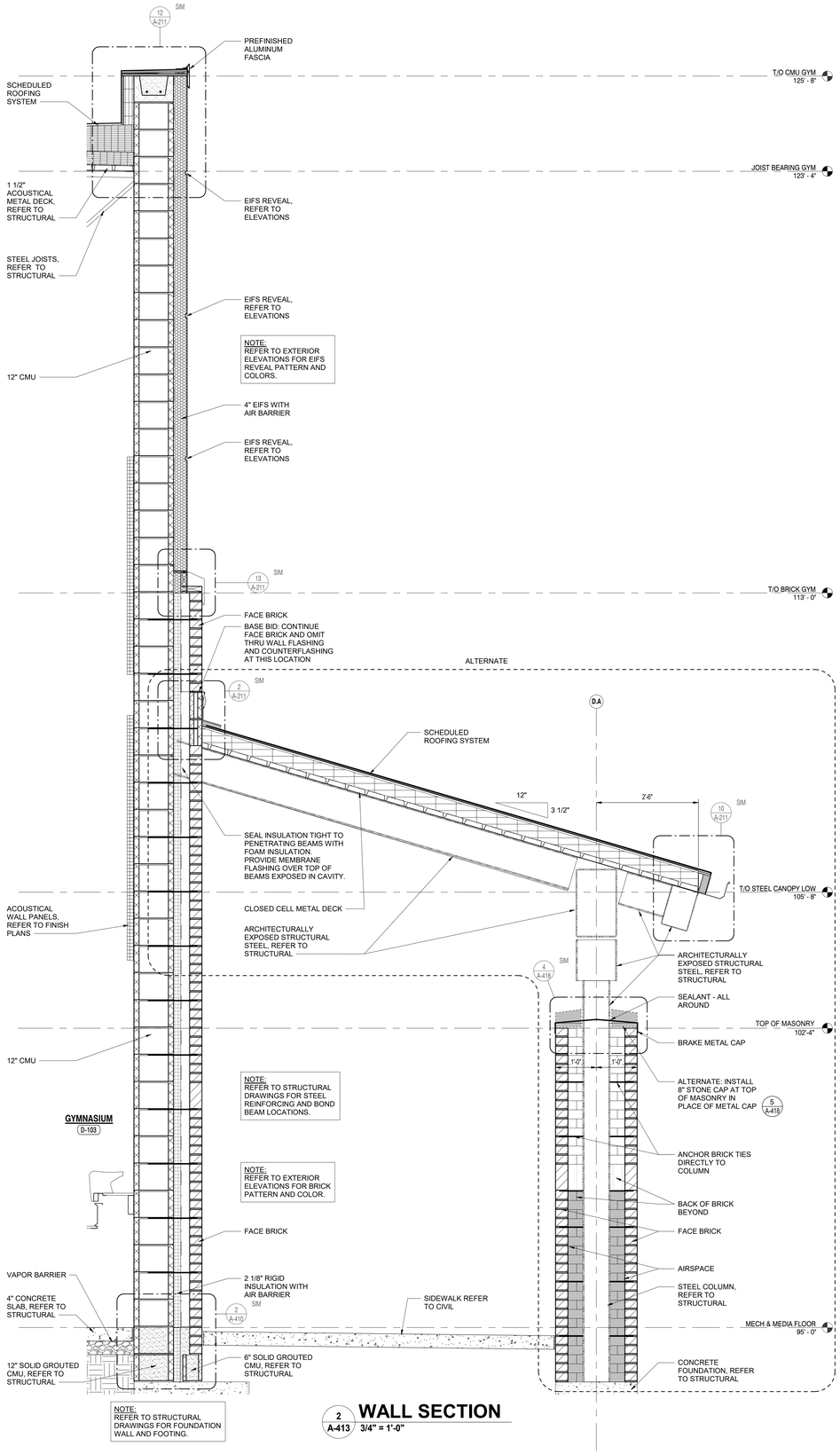
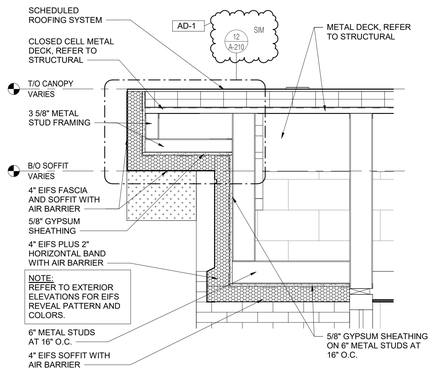
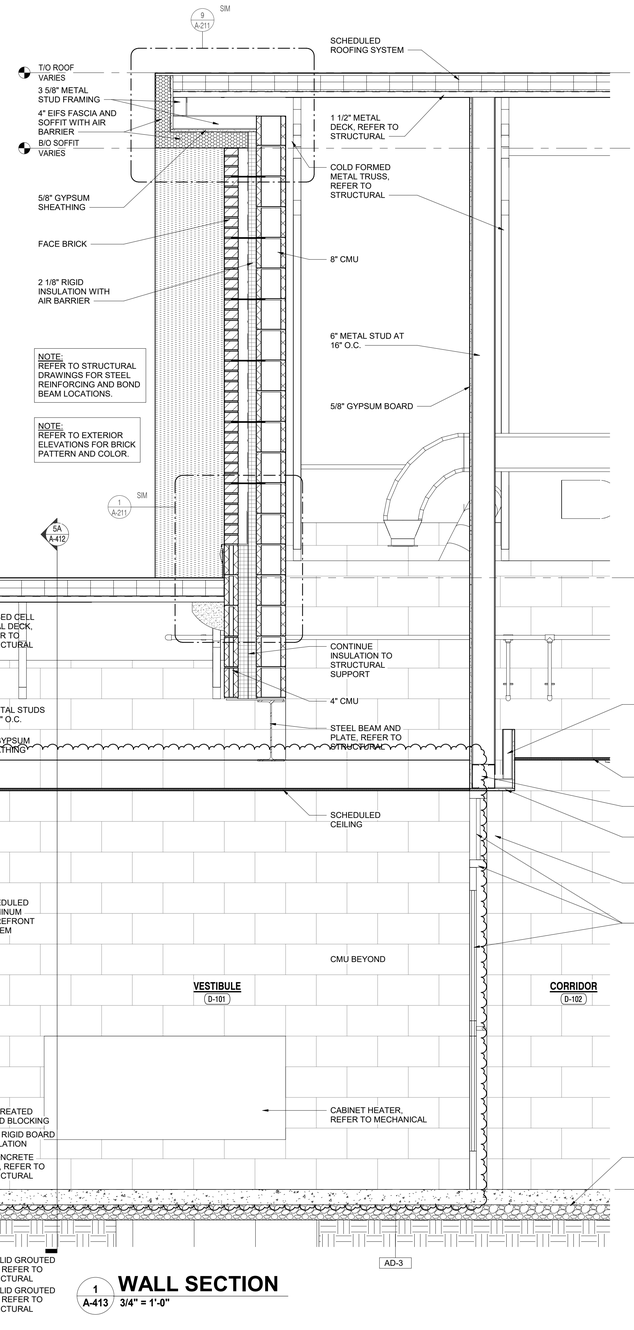


2 A-413 WALL SECTION
3/4" = 1'-0"



1A A-413 WALL SECTION - BASE BID
3/4" = 1'-0"



1 A-413 WALL SECTION
3/4" = 1'-0"

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROESSLER REGISTERED ND AR11600005 STATE OF INDIANA ARCHITECT

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MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-3	4/28/2022	ADDENDUM 3

DRAWING
WALL SECTIONS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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A-413

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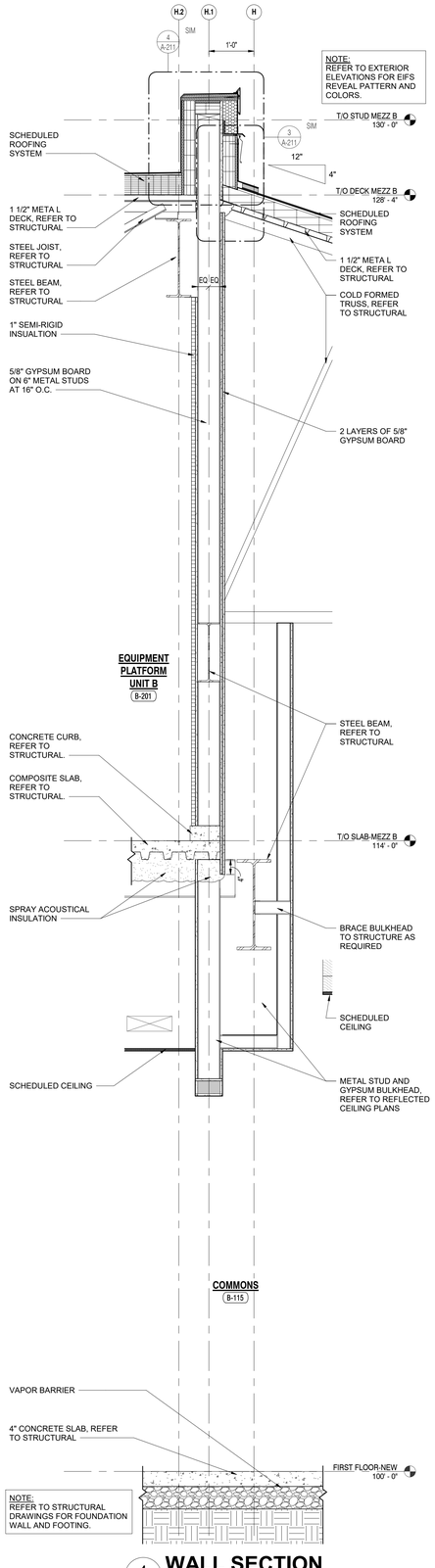
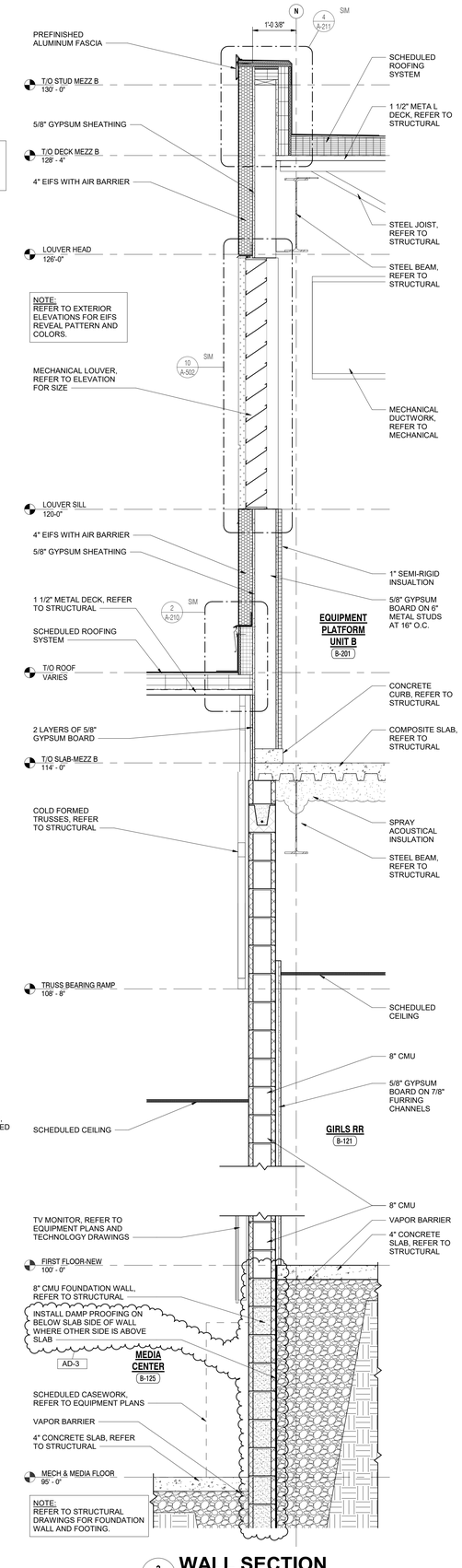
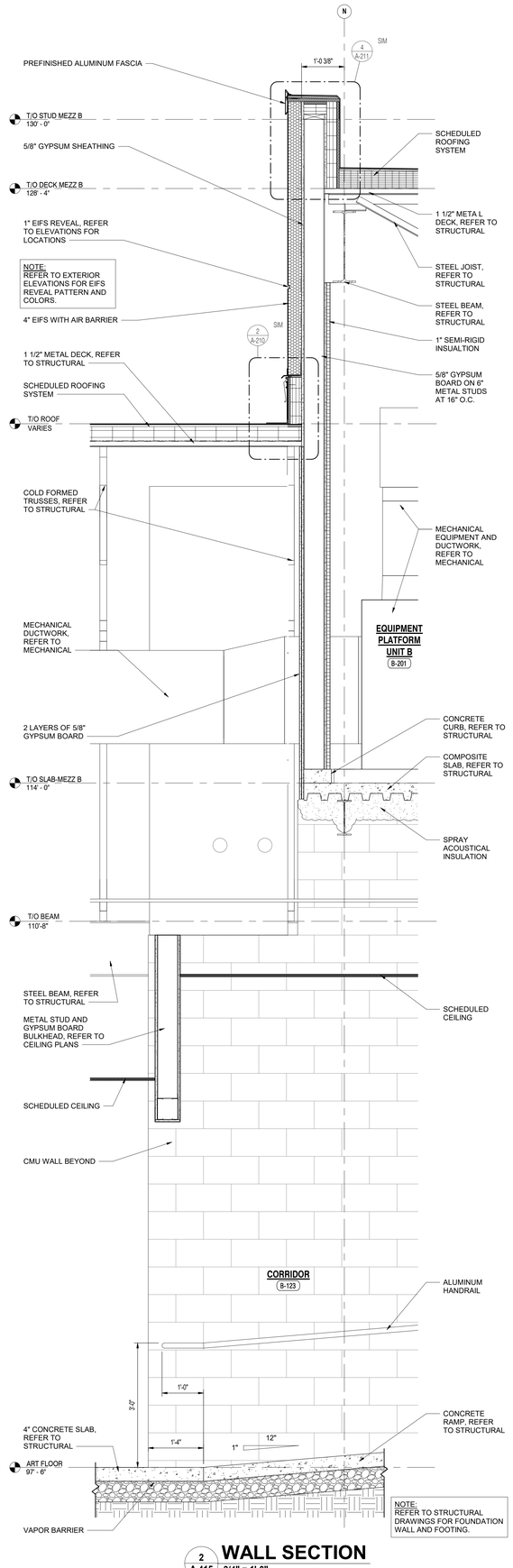


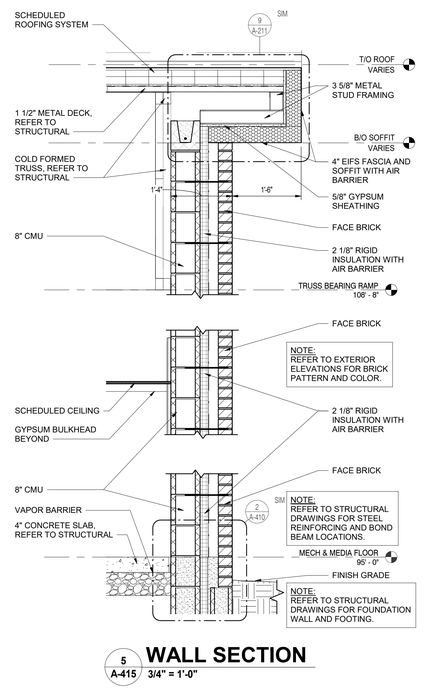
4 **WALL SECTION**
A-415 3/4" = 1'-0"



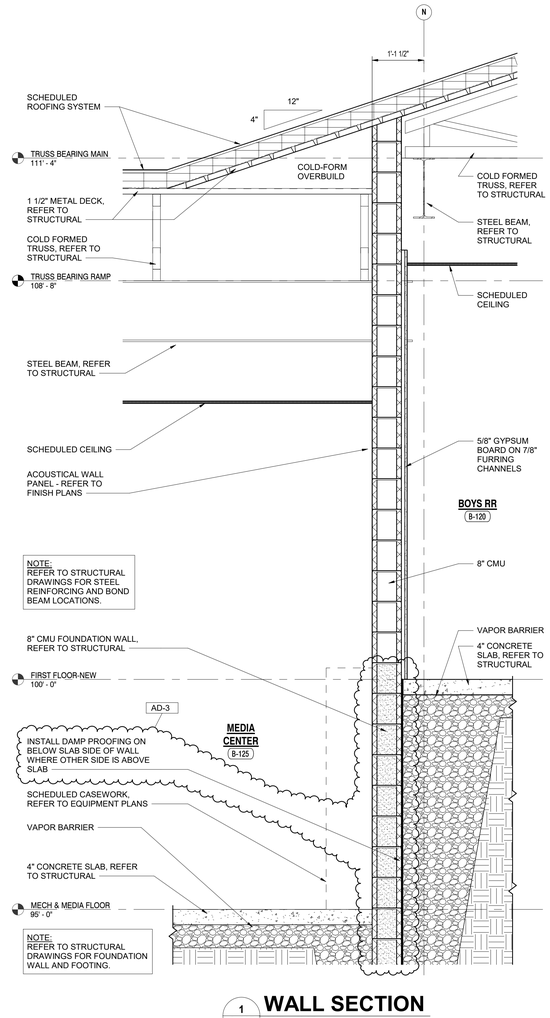
3 **WALL SECTION**
A-415 3/4" = 1'-0"



2 **WALL SECTION**
A-415 3/4" = 1'-0"



5 **WALL SECTION**
A-415 3/4" = 1'-0"



1 **WALL SECTION**
A-415 3/4" = 1'-0"

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROUSSEAU
REGISTERED
NO. AR11600005
STATE OF INDIANA
ARCHITECT

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DRAWING
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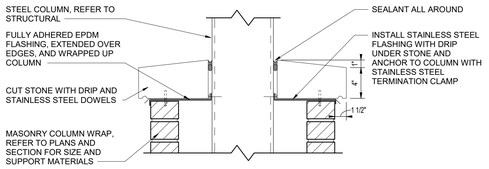
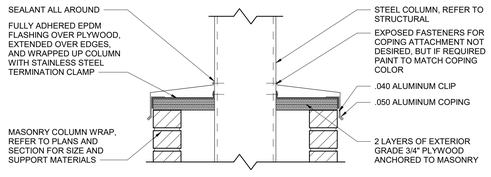
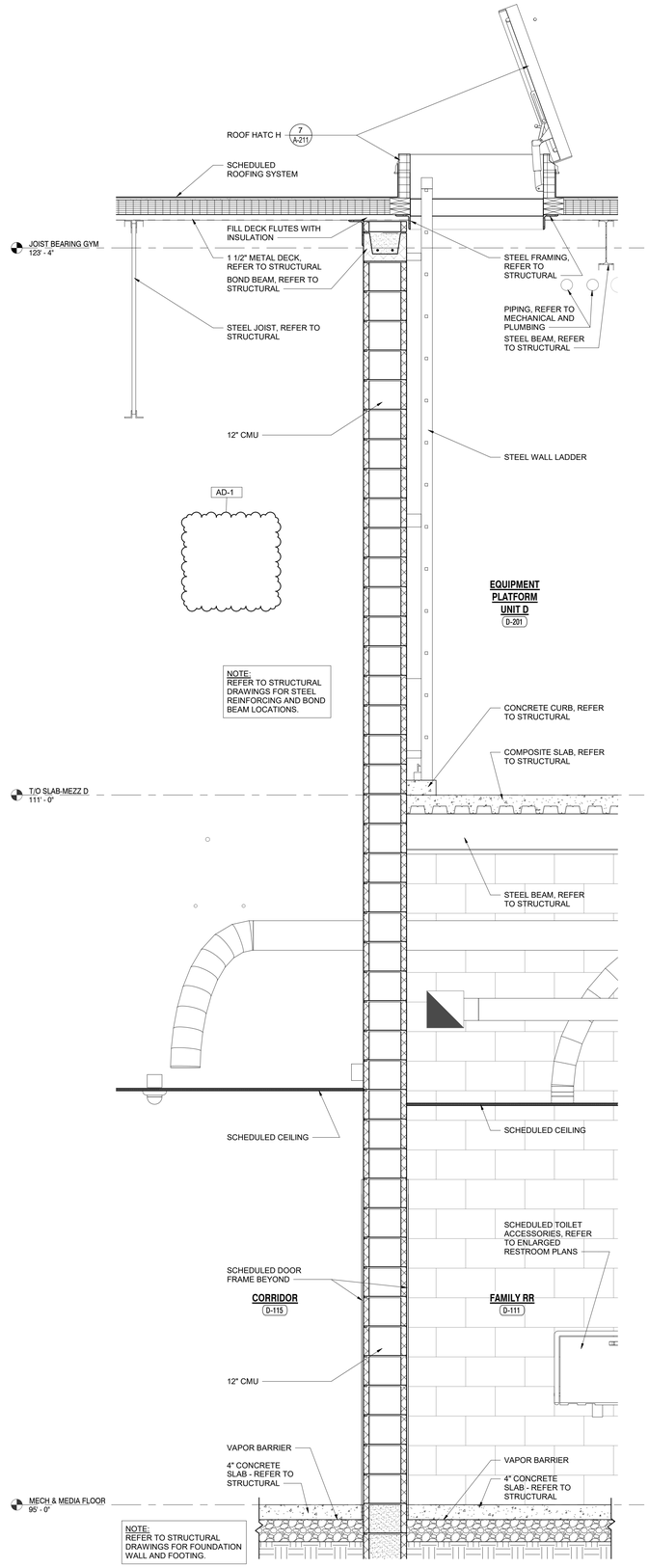


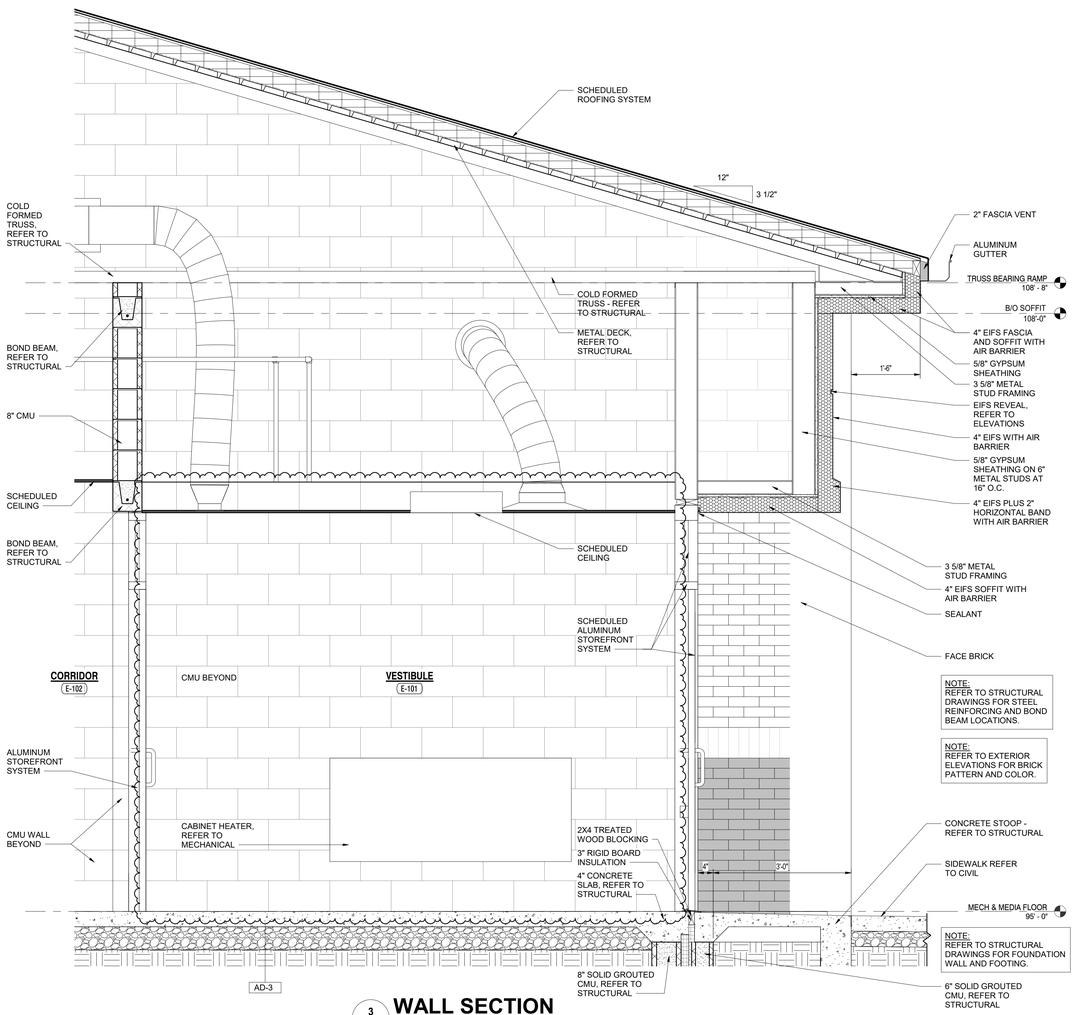
5 A-418 COLUMN CAP DETAIL
1 1/2" = 1'-0"



4 A-418 COLUMN CAP DETAIL
1 1/2" = 1'-0"



2 A-418 WALL SECTION
3/4" = 1'-0"



3 A-418 WALL SECTION
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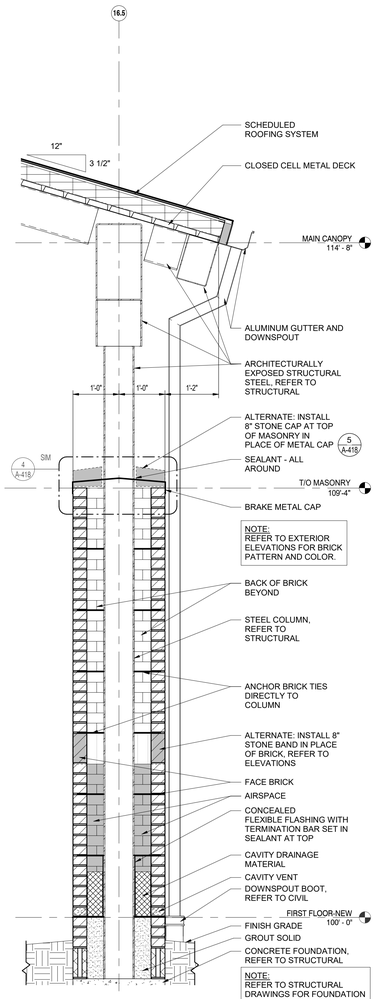

1 A-418 WALL SECTION
3/4" = 1'-0"

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROSELLO — NO. AR11600005 — STATE OF INDIANA — REGISTERED ARCHITECT

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DRAWING
WALL SECTIONS

PROJECT
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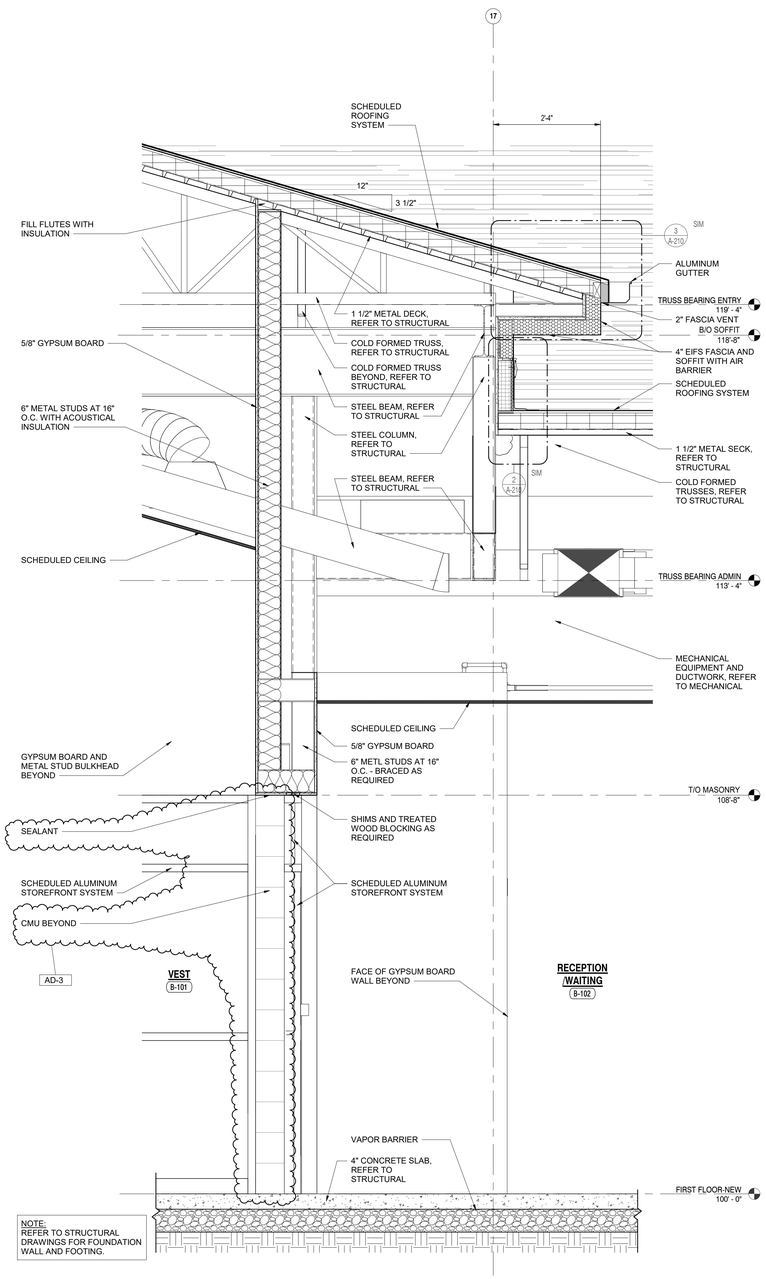
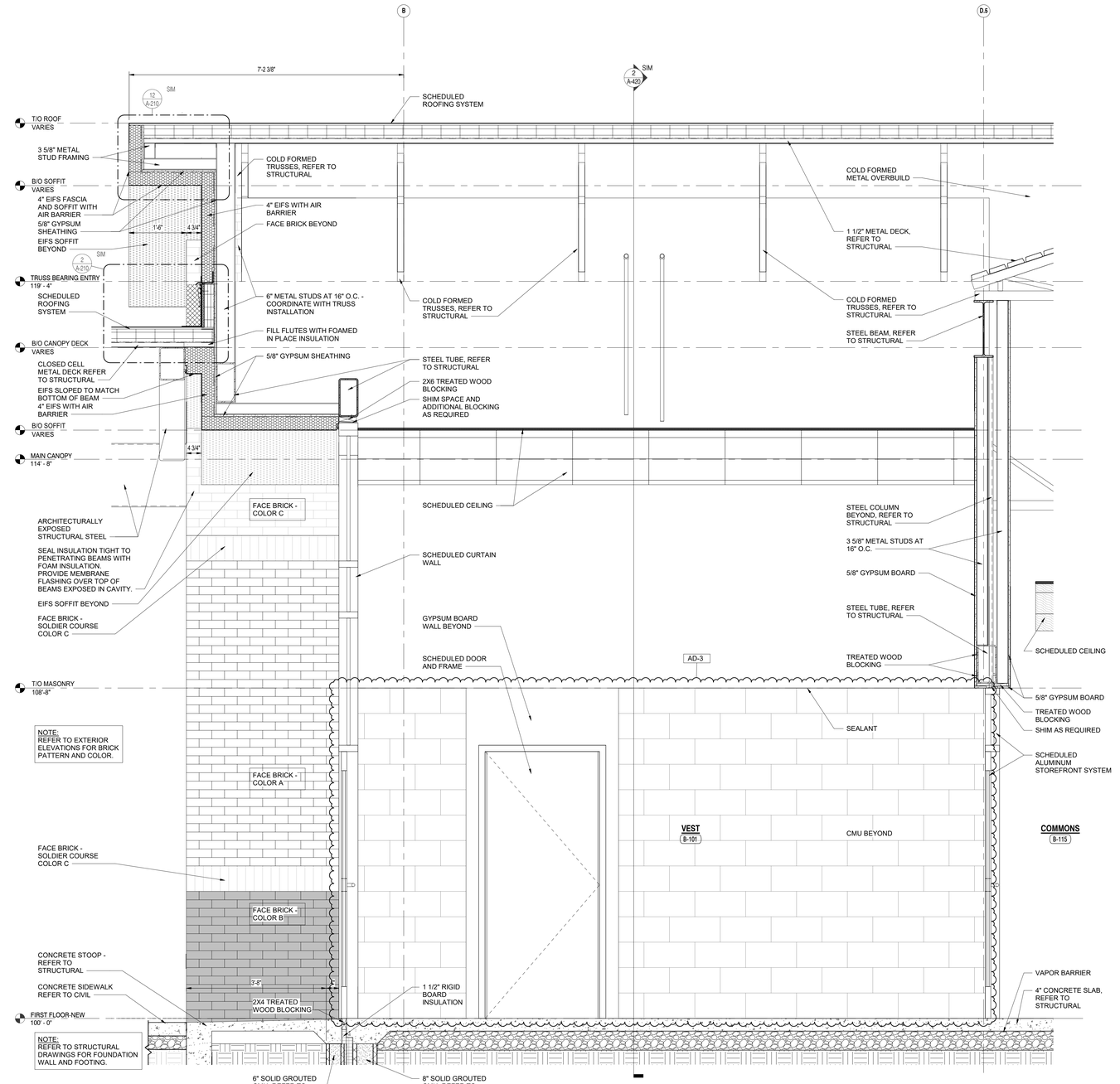


2 WALL SECTION
A-420 3/4" = 1'-0"



1 WALL SECTION
A-420 3/4" = 1'-0"

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REVISIONS

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AD-3	4/28/2022	ADDENDUM 3

DRAWING
WALL SECTIONS

PROJECT
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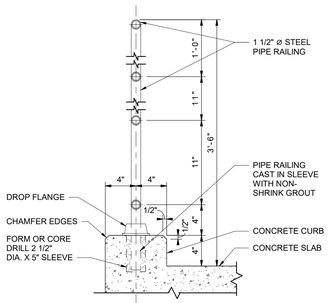
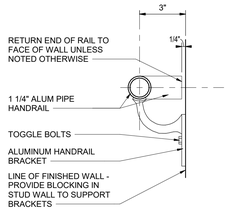
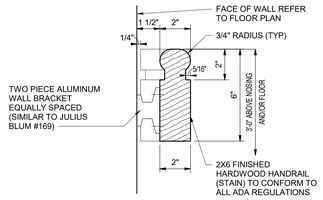


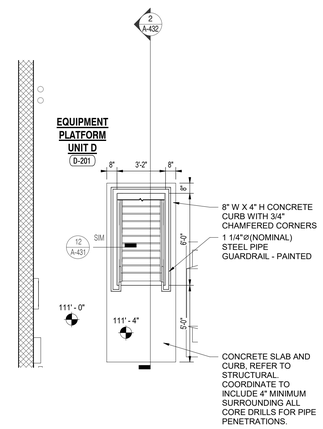
12 / A-431 STEEL GUARDRAIL ON CURB
1 1/2" = 1'-0"



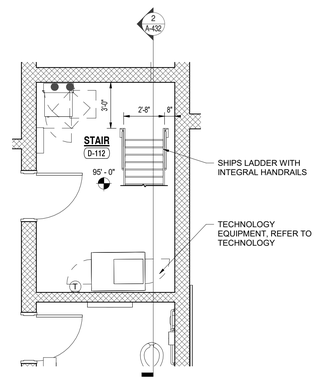
11 / A-431 HANDRAIL DETAIL
3" = 1'-0"



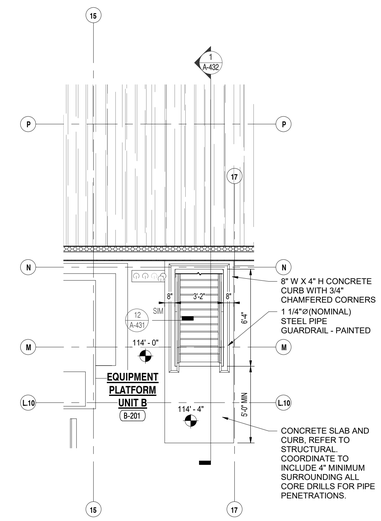
10 / A-431 HANDRAIL DETAIL
3" = 1'-0"



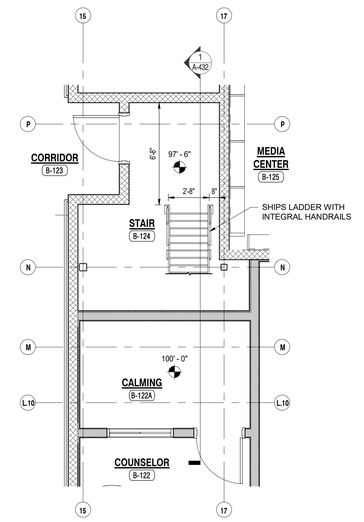
9 / A-431 SHIPS LADDER MEZZANINE PLAN
1/4" = 1'-0"



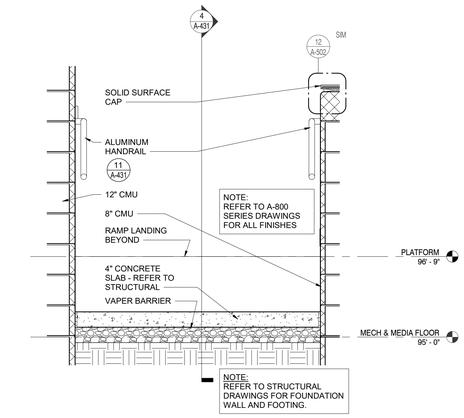
8 / A-431 SHIPS LADDER FIRST FLOOR PLAN
1/4" = 1'-0"



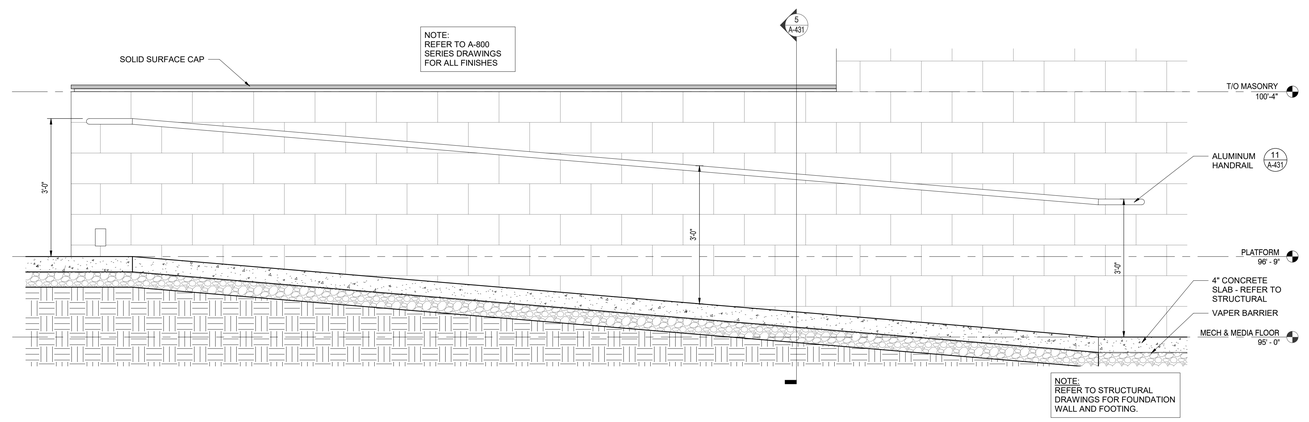
7 / A-431 SHIPS LADDER MEZZANINE PLAN
1/4" = 1'-0"



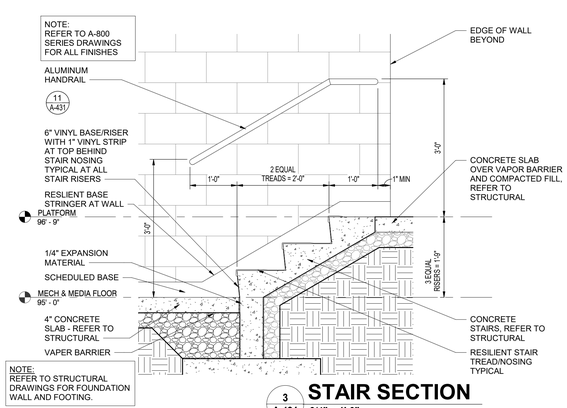
6 / A-431 SHIPS LADDER FIRST FLOOR PLAN
1/4" = 1'-0"



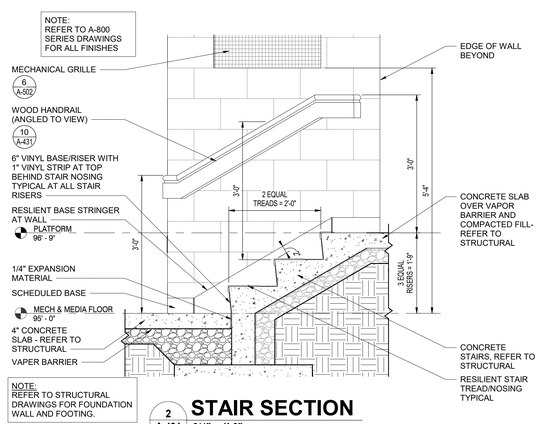
5 / A-431 RAMP SECTION
3/4" = 1'-0"



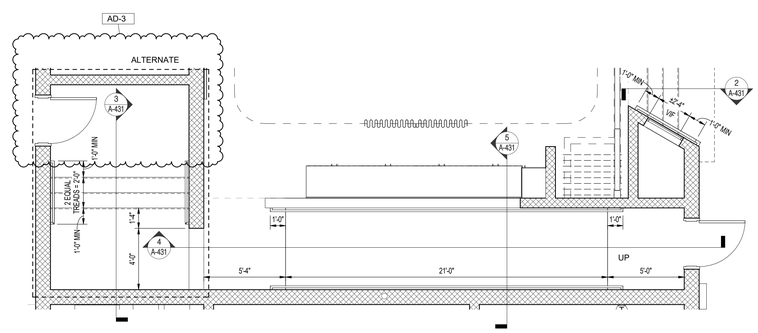
4 / A-431 RAMP SECTION
3/4" = 1'-0"



3 / A-431 STAIR SECTION
3/4" = 1'-0"



2 / A-431 STAIR SECTION
3/4" = 1'-0"



1 / A-431 RAMP AND STAIR FIRST FLOOR PLAN
1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROSSELL REGISTERED NO. AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
ENLARGED STAIR AND RAMP PLANS, SECTIONS AND DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-431

4/30/2022 11:06:19 AM
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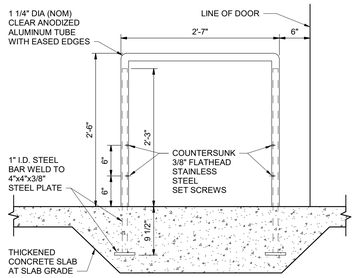
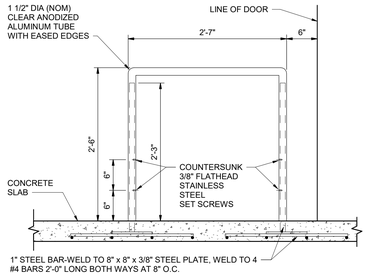


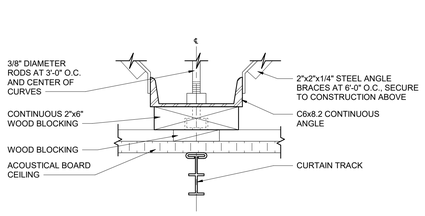
INTERIOR ALUMINUM DIVIDER RAIL DETAIL

19 A-501 1" = 1'-0"



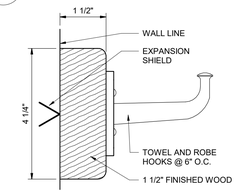
EXTERIOR ALUMINUM DIVIDER RAIL DETAIL

18 A-501 1" = 1'-0"



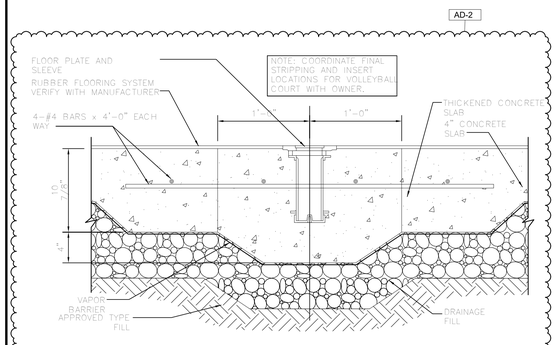
CURTAIN TRACK DETAIL

13 A-501 3" = 1'-0"



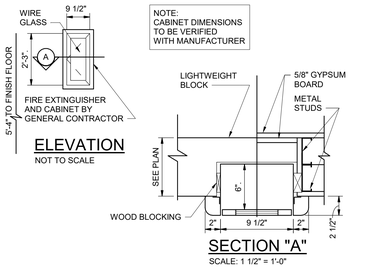
HOOK STRIP DETAIL

17 A-501 6" = 1'-0"



RUBBER FLOOR INSERT

16 A-501 1 1/2" = 1'-0"



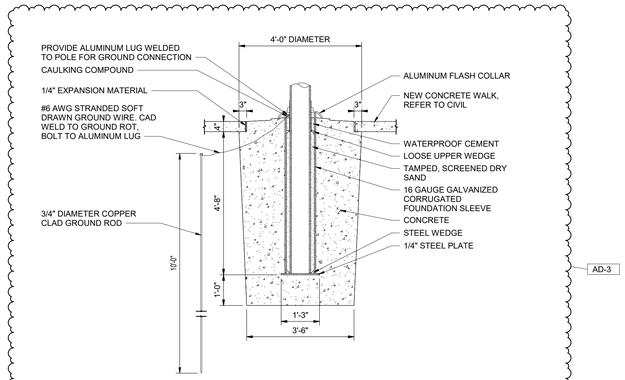
ELEVATION
NOT TO SCALE

NOTE: CABINET DIMENSIONS TO BE VERIFIED WITH MANUFACTURER

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

SEMI-RECESSED FIRE EXTINGUISHER CABINET DETAIL

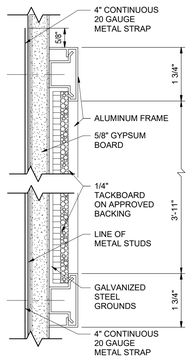
15 A-501 1 1/2" = 1'-0"



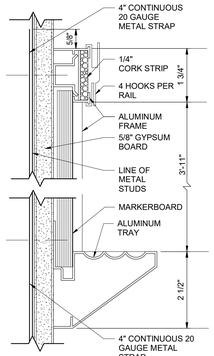
AD-3

FLAG POLE SECTION DETAIL

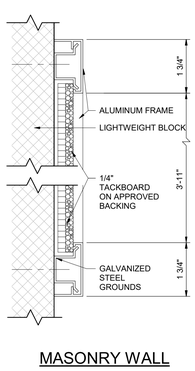
14 A-501 1/2" = 1'-0"



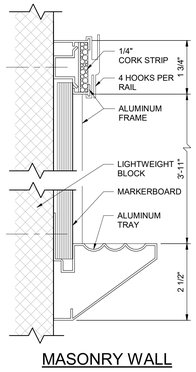
STUD WALL



STUD WALL



MASONRY WALL



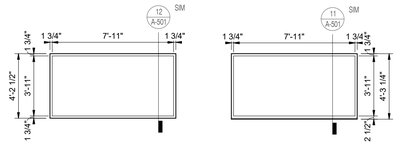
MASONRY WALL

TACKBOARD SECTIONS

12 A-501 6" = 1'-0"

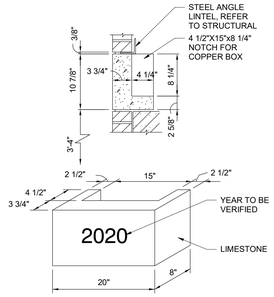
MARKERBOARD SECTIONS

11 A-501 6" = 1'-0"



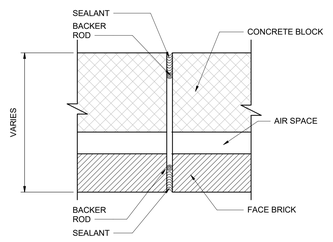
MARKERBOARD & TACKBOARD ELEVATIONS

10 A-501 1/4" = 1'-0"



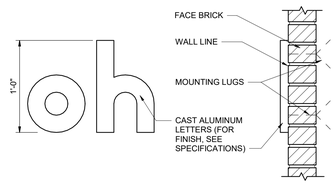
DATE STONE DETAIL

9 A-501 1" = 1'-0"



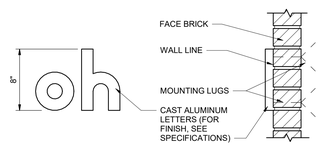
PLAN DETAIL - TYP EXP JOINT

8 A-501 3" = 1'-0"



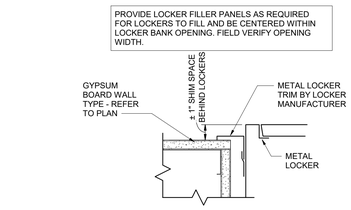
DETAIL - ALUM LETTER 12"

7 A-501 1 1/2" = 1'-0"



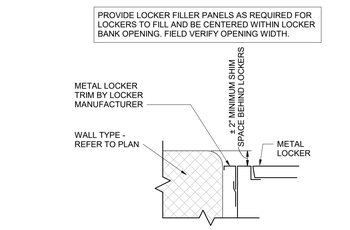
DETAIL - ALUM LETTER 8"

6 A-501 1 1/2" = 1'-0"



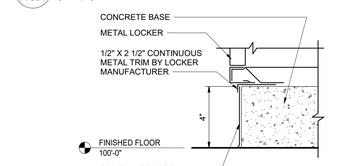
LOCKER CLOSURE DETAIL

5B A-501 3" = 1'-0"



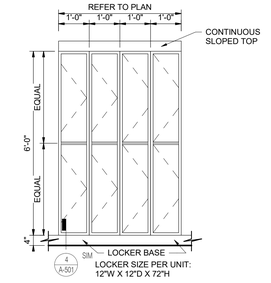
LOCKER CLOSURE DETAIL

5A A-501 3" = 1'-0"



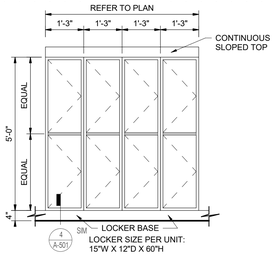
LOCKER BASE DETAIL

4 A-501 3" = 1'-0"



LOCKER ELEVATION TYPE C

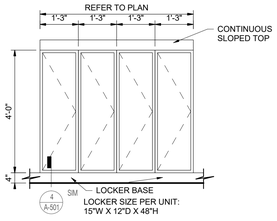
3 A-501 1/2" = 1'-0"



LOCKER ELEVATION TYPE B

2 A-501 1/2" = 1'-0"

AD-3



LOCKER ELEVATION TYPE A

1 A-501 1/2" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
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MICHAEL L. ROSSELL REGISTERED ND. AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
TYPICAL DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-501

4/30/2022 11:06:34 AM
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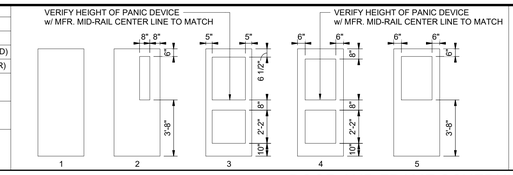
DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	DOORS TYPE	DOORS WITDH	DOORS HEIGHT	DOORS MATERIAL	GLASS DOOR	GLASS SIDELIGHT	GLASS TRANSOM	FRAME MATERIAL	FRAME WIDTH	FRAME JAMB	FRAME HEAD	FRAME SILL	FRAME ELEVATION	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
D-101A	DOUBLE	3	6' - 0"	7' - 0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF10	--	YES	YES	1,2,4,5,7
D-101B	DOUBLE	3	6' - 0"	7' - 0"	AL	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF11	--	DUMMY	YES	--
D-103A	DOUBLE	2	6' - 0"	7' - 0"	WD	E	--	--	HM	5 3/4"	SEE ELEV	SEE ELEV	SEE ELEV	HM2	--	YES	YES	--
D-103B	DOUBLE	1	6' - 0"	7' - 0"	FRP	--	--	--	AL	6"	J1 6/A-620	H2 9/A-620	--	SF2	--	YES	YES	4,5,7
D-103C	SINGLE	1	3' - 0"	7' - 0"	FRP	--	--	--	AL	6"	J1 6/A-620	H2 9/A-620	--	SF1	--	YES	YES	4,7
D-103D	BORROWED LIGHT	--	0"	0"	--	--	--	--	AL	6"	J2 7/A-620	H3 10A-620	S2 4/A-620	SF12	--	--	--	12
D-103E	BORROWED LIGHT	--	0"	0"	--	--	--	--	AL	6"	J2 7/A-620	H3 10A-620	S2 4/A-620	SF12	--	--	--	12
D-103F	BORROWED LIGHT	--	0"	0"	--	--	--	--	AL	6"	J2 7/A-620	H3 10A-620	S2 4/A-620	SF12	--	--	--	12
D-103G	BORROWED LIGHT	--	0"	0"	--	--	--	--	AL	6"	J2 7/A-620	H3 10A-620	S2 4/A-620	SF12	--	--	--	12
D-104A	DOUBLE	1	6' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM2	--	--	--	
D-105A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	15 AD-3
D-106A	SINGLE	2	3' - 0"	7' - 0"	WD	E	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	
D-107A	SINGLE	2	3' - 0"	7' - 0"	WD	E	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	--
D-108A	DOUBLE	1	6' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM2	--	--	--	--
D-109A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	--
D-110A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	YES	--	
D-111A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	YES	--	
D-112A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	YES	--	
D-113A	DOUBLE	1	6' - 0"	7' - 0"	FRP	--	--	--	AL	6"	J1 6/A-620	H2 9/A-620	--	SF2	--	--	--	1,2,4,5,7
D-114A	DOUBLE	3	6' - 0"	7' - 0"	AL	SEE ELEV	SEE ELEV	SEE ELEV	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF13	--	YES	YES	1,2,4,5,7
D-114B	DOUBLE	3	6' - 0"	7' - 0"	AL	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF11	--	DUMMY	YES	--
D-114C	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	--
D-117A	DOUBLE	2	8' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM2	--	YES	YES	1,2,10
D-118A	DOUBLE	2	6' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM2	--	YES	YES	6
D-118B	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	8 3/4"	J2	H4	--	HM5	--	--	--	--
D-118C	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	8 3/4"	J2	H4	S2	HM9	--	--	--	--
D-118D	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	8 3/4"	J2	H4	S2	HM9	--	--	--	--
D-118E	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	8 3/4"	J2	H4	S2	HM9	--	--	--	--
D-119A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
D-120A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
E-101A	DOUBLE	3	6' - 0"	7' - 0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF10	--	YES	YES	1,2,4,5,7,14
E-101B	DOUBLE	3	6' - 0"	7' - 0"	AL	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF11	--	DUMMY	YES	--
E-101C	SINGLE	1	3' - 6"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	--
E-103A	SINGLE	2	3' - 0"	7' - 0"	WD	F	--	--	HM	8 3/4"	J1	H2	--	HM1	--	YES	YES	9
E-103B	SINGLE	1	3' - 0"	7' - 0"	FRP	--	--	B	AL	6"	J1 6/A-620	H3 9/A-620	--	SF3	--	YES	YES	4,7
E-104A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
E-105A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
E-106A	DOUBLE	4	6' - 0"	7' - 0"	WD	A	--	--	HM	5 3/4"	J1	H2	--	HM2	--	YES	YES	6
E-106B	DOUBLE	3	6' - 0"	7' - 0"	AL	SEE ELEV	SEE ELEV	SEE ELEV	AL	6"	J1 6/A-620	H3 9/A-620	--	SF4	--	YES	YES	4,5,7
E-106D	BORROWED LIGHT	--	0"	0"	--	--	--	--	AL	6"	J2 6/A-620	H3 9/A-620	S2	SF12	--	--	--	--
E-106E	BORROWED LIGHT	--	0"	0"	--	--	--	--	AL	6"	J2 6/A-620	H3 9/A-620	S2	SF12	--	--	--	--
E-106G	DOUBLE	4	6' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM2	--	--	--	--
E-106H	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	5 3/4"	J2	H4	S2	HM9	--	--	--	--
E-106J	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	5 3/4"	J2	H4	S2	HM9	--	--	--	--
E-106K	SINGLE	1	0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	--
E-106M	DOUBLE	1	0"	7' - 4"	AL	--	--	--	AL	4 1/2"	3 (SIM)	4 (SIM)	--	B	--	--	--	--
E-107A	SINGLE	1	2'-6"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	--
E-107B	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	5 3/4"	J1	H2	--	HM1	--	--	--	--
E-108A	SINGLE	1	4' - 0"	7' - 0"	FRP	--	--	--	AL	6"	J1 6/A-620	H2 9/A-620	--	SF1	--	YES	YES	1,2,4,6,7
E-109A	SINGLE	5	3' - 0"	7' - 0"	WD	A	A	--	HM	8 3/4"	SEE ELEV	SEE ELEV	SEE ELEV	HM14	--	--	--	--
E-110A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	YES	--
E-112A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--

E-106C AND E-106F REMOVED COMPLETELY — AD-3

GLASS SCHEDULE	
MK	GLASS TYPES
A	1/4" TEMPERED (CLEAR)
B	1" INSULATED GLASS (TINTED)
C	1" INSULATED GLASS (CLEAR)
D	1" INSULATED GLASS (TRANSLUCENT)
E	1/2" LAMINATED SAFETY GLASS (CLEAR)
F	1/2" OR 5/8" ACOUSTIC LAMINATED SAFETY GLASS (CLEAR)



DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	DOORS TYPE	DOORS WITDH	DOORS HEIGHT	DOORS MATERIAL	GLASS DOOR	GLASS SIDELIGHT	GLASS TRANSOM	FRAME MATERIAL	FRAME WIDTH	FRAME JAMB	FRAME HEAD	FRAME SILL	FRAME ELEVATION	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-101A	DOUBLE	3	6' - 0"	7' - 0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	YES	YES	1,2,4,5,7
A-101B	DOUBLE	3	6' - 0"	7' - 0"	AL	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF9	--	DUMMY	YES	--
A-103A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
A-103B	BORROWED LIGHT	-	0"	0"	--	--	A	--	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM6	--	--	--	--
A-104A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	YES	--
A-104B	SINGLE	3	3' - 0"	7' - 0"	AL	B	--	B	AL	6"	J1 5/A-620	H3 8/A-620	--	SF3	--	YES	YES	1,2,4,7
A-105A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
A-106A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
A-107A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	YES	--
A-107B	SINGLE	3	3' - 0"	7' - 0"	AL	B	--	B	AL	6"	J1 5/A-620	H3 8/A-620	--	SF3	--	YES	YES	1,2,4,7
A-108A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
A-109A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
A-111A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-112A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-113A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-114A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-115A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-116A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-117A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-118A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
A-119A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
A-119B	BORROWED LIGHT	-	0"	0"	--	--	A	--	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM5	--	--	--	--
A-120A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	YES	--
A-120B	SINGLE	3	3' - 0"	7' - 0"	AL	B	--	B	AL	6"	J1 5/A-620	H3 8/A-620	--	SF3	--	YES	YES	1,2,4,7
A-121A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
A-122A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
A-123A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	YES	--
A-123B	SINGLE	3	3' - 0"	7' - 0"	AL	B	--	B	AL	6"	J1 5/A-620	H3 8/A-620	--	SF3	--	YES	YES	1,2,4,7
A-124A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
A-125A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	12 AD-3
A-126A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-101A	DOUBLE	3	6' - 0"	7' - 0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	CW1	--	YES	YES	1,4,5,7,11
B-101B	DOUBLE	3	6' - 0"	7' - 0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	CW1	--	YES	YES	1,2,3,4,5,7,8,11 AD-1
B-101C	DOUBLE	3	6' - 0"	7' - 0"	AL	E	E	E	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	YES	YES	11
B-101D	DOUBLE	3	6' - 0"	7' - 0"	AL	E	E	E	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	YES	YES	3,11
B-102A	SINGLE	4	3' - 0"	7' - 0"	WD	E	E	E	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF6	--	--	YES	1,2,8
B-102B	SINGLE	4	3' - 0"	7' - 0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	YES	1,2
B-103A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	YES	--
B-104A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-105A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-106A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-107A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-108A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-109A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-110A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
B-111A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
B-112A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-113A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
B-114A	SINGLE	2	3' - 0"	7' - 0"	WD	A	A	--	HM	8 3/8"	J1	H1	S1	HM3	--	--	--	--
B-114B	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-115A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	YES	--
B-117A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
B-118A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
B-119A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
B-122A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	10 1/4"	J1	H2	--	HM1	--	--	--	--
B-122B	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H2	--	HM1	--	--	--	--
B-122C	BORROWED LIGHT	-	0"	0"	--	--	A	--	HM	8 3/8"	J1	H4	S2	HM13	--	--	--	--
B-124A	SINGLE	1	3' - 0"	7' - 2"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	YES	--
B-125A	DOUBLE	4	6' - 0"	7' - 0"	WD	A	A	A	HM	5 3/4"	SEE ELEV	SEE ELEV	SEE ELEV	HM12	--	YES	YES	--
B-125B	SINGLE	3	3' - 0"	7' - 0"	AL	B	--	B	AL	6"	J1 6/A-620	H3 9/A-620	--	SF3	--	YES	YES	4,7
B-125C	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	8 3/4"	SEE ELEV	SEE ELEV	SEE ELEV	HM5	--	--	--	--
B-125D	BORROWED LIGHT	--	0"	0"	--	--	F	--	HM	9 3/8"	J2	H3	S2	HM11	--	--	--	--
B-125E	BORROWED LIGHT	--	0"	0"	--	--	F	--	HM	9 3/8"	J2	H3	S2	HM11	--	--	--	--
B-125F	SINGLE	4	3' - 0"	7' - 0"	WD	F	--	F	HM	9 3/8"	J1	H3	--	HM4	--	YES	YES	9
B-125G	BORROWED LIGHT	--	0"	0"	--	--	F	--	HM	9 3/8"	J2	H3	S2	HM11	--	--	--	--
B-126A	SINGLE	5	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
B-126B	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	8 3/4"	J2	H4	S2	HM10	--	--	--	--
B-126C	BORROWED LIGHT	--	0"	0"	--	--	A	--	HM	8 3/4"	J2	H4	S2	HM6	--	--	--	--
B-127A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H3	--	HM1	--	--	--	--
B-129A	DOUBLE	1	6' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM2	--	--	YES	6
B-129A	SINGLE	1	3' - 6"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	YES	YES	--
B-129B	SINGLE	1	3' - 6"	7' - 0"	FRP	--	--	--	AL	6"	J1 6/A-620	H2 9/A-620	--	SF1	--	YES	YES	4,7
B-131A	SINGLE	2	3' - 0"	7' - 2"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	YES	YES	--
B-131B	SINGLE	1	3' - 0"	7' - 0"	FRP	--	--	B	AL	6"	J1 6/A-620	H2 9/A-620	--	SF3	--	YES	YES	4,7
B-132A	SINGLE	1	3' - 0"	7' - 2"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
B-132B	BORROWED LIGHT	--	0"	0"	--	--	--	--	HM	5 3/4"	SEE ELEV	SEE ELEV	SEE ELEV	HM8	--	--	--	13
B-132C	BORROWED LIGHT	--	0"	0"	--	--	--	--	HM	5 3/4"	SEE ELEV	SEE ELEV	SEE ELEV	HM7	--	--	--	--
B-133A	SINGLE	1	3' - 0"	7' - 2"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
B-134A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	YES	AD-3
B-138A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
B-139A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-139B	BORROWED LIGHT	-	0"	0"	--	--	A	--	HM	8 3/8"	J2	H3	S2	HM13	--	--	--	--
B-140A	DOUBLE	2	6' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	YES	1,2,6
B-140B	SINGLE	3	3' - 0"	7' - 0"	AL	B	--	B	AL	6"	J1 5/A-620	H3 8/A-620	--	SF3	--	YES	YES	1,2,4,7
B-140C	SINGLE	3	3' - 0"	7' - 0"	AL	B	--	B	AL	6"	J1 5/A-620	H3 8/A-620	--	SF3	--	YES	YES	4,7
B-140D	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	1,2,6
B-140E	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
B-141A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-142A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-143A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
B-144A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
C-101A	DOUBLE	3	6' - 0"	7' - 0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	YES	YES	1,2,4,5,7
C-102A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
C-103A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-104A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-105A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-105B	BORROWED LIGHT	-	0"	0"	--	--	A	--	HM	8 3/8"	J2	H3	S2	HM5	--	--	--	--
C-106A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-107A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-108A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-109A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-110A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-111A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-112A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
C-113A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	--
C-114A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
C-115A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-116A	SINGLE	2	3' - 0"	7' - 0"	WD	A	--	--	HM	8 3/4"	J1	H2	--	HM1	--	--	--	--
C-117A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
C-118A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	--	--
C-119A	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	YES	AD-3

GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE A-800 SERIES DRAWINGS FOR 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"x3/4" 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.

F. SHIM SPACE IS NOT SHOWN ON FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.

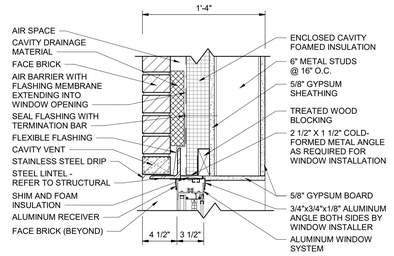
G. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAIL 1 / A-601 .

H. FOR ELECTRIC ROUGH-IN AT DOORS REFER TO DETAIL 2 / A-601 .

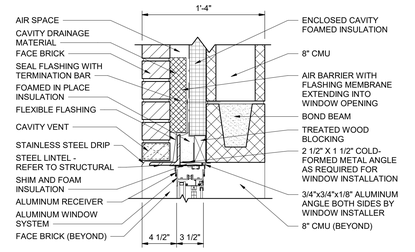
I. FOR HOLLOW METAL FRAME ELEVATIONS (HM) REFER TO 1 / A-610. FOR HOLLOW METAL (HM) FRAME PROFILES REFER TO 2 / A-610 .

J. FOR ALUMINUM STOREFRONT ELEVATIONS (SF) REFER TO 1 / A-620. FOR STOREFRONT (SF) FRAME PROFILES REFER TO 3 / A-620.

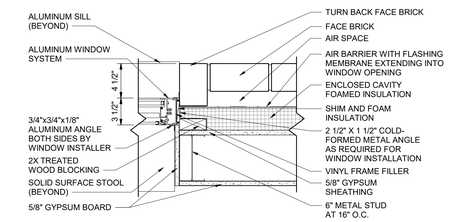
K. GLASS NOTED IN SIDELIGHT COLUMN FOR BORROWED LIGHT FRAMES APPLIES TO ALL OPENINGS IN FRAME, UNLESS NOTED OTH



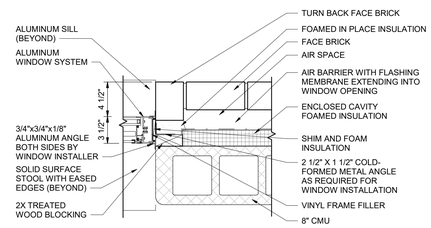
7 A-640 **HEAD DETAIL - METAL STUD & BRICK**
1 1/2" = 1'-0"



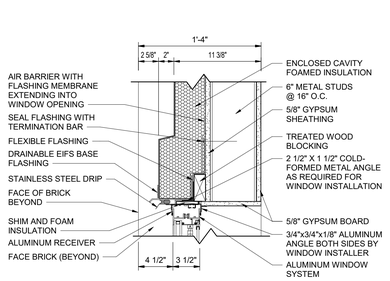
4 A-640 **HEAD DETAIL - CMU & BRICK**
1 1/2" = 1'-0"



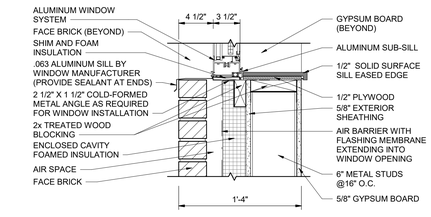
6 A-640 **JAMB DETAIL - METAL STUD & BRICK**
1 1/2" = 1'-0"



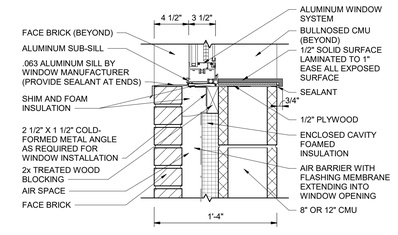
3 A-640 **JAMB DETAIL - CMU & BRICK**
1 1/2" = 1'-0"



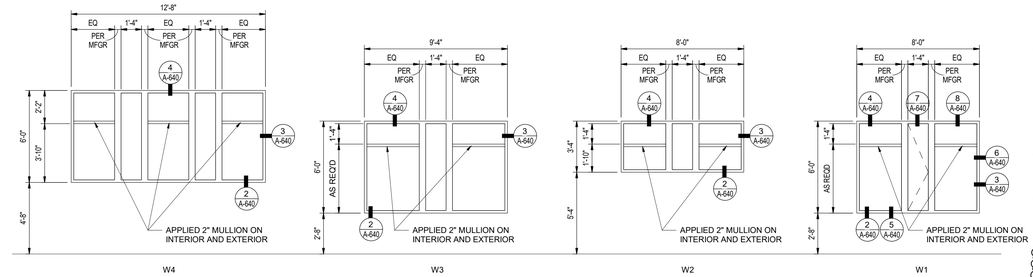
8 A-640 **HEAD DETAIL - METAL STUD & EIFS**
1 1/2" = 1'-0"



5 A-640 **SILL DETAIL - METAL STUD & BRICK**
1 1/2" = 1'-0"



2 A-640 **SILL DETAIL - CMU & BRICK**
1 1/2" = 1'-0"



NOTES - ALUMINUM WINDOWS (W)

1. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL WINDOW FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
2. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR WINDOW FRAMING.
3. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
4. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
5. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
6. REFER TO BUILDING ELEVATIONS FOR HINGE SIDE LOCATIONS.
7. PROVIDE 3/4"X3/4" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL WINDOWS UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT. AD-3
8. BASE BID: PROVIDE WINDOWS WITH ROLLER SHADES AS SCHEDULED ON EQUIPMENT DRAWINGS.
   ALTERNATE: PROVIDE WINDOWS WITH INTEGRAL BLINDS.

1 A-640 **ALUMINUM WINDOW ELEVATIONS (W)**
1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

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 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROUSSEAU REGISTERED NO. AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
WINDOW ELEVATIONS AND DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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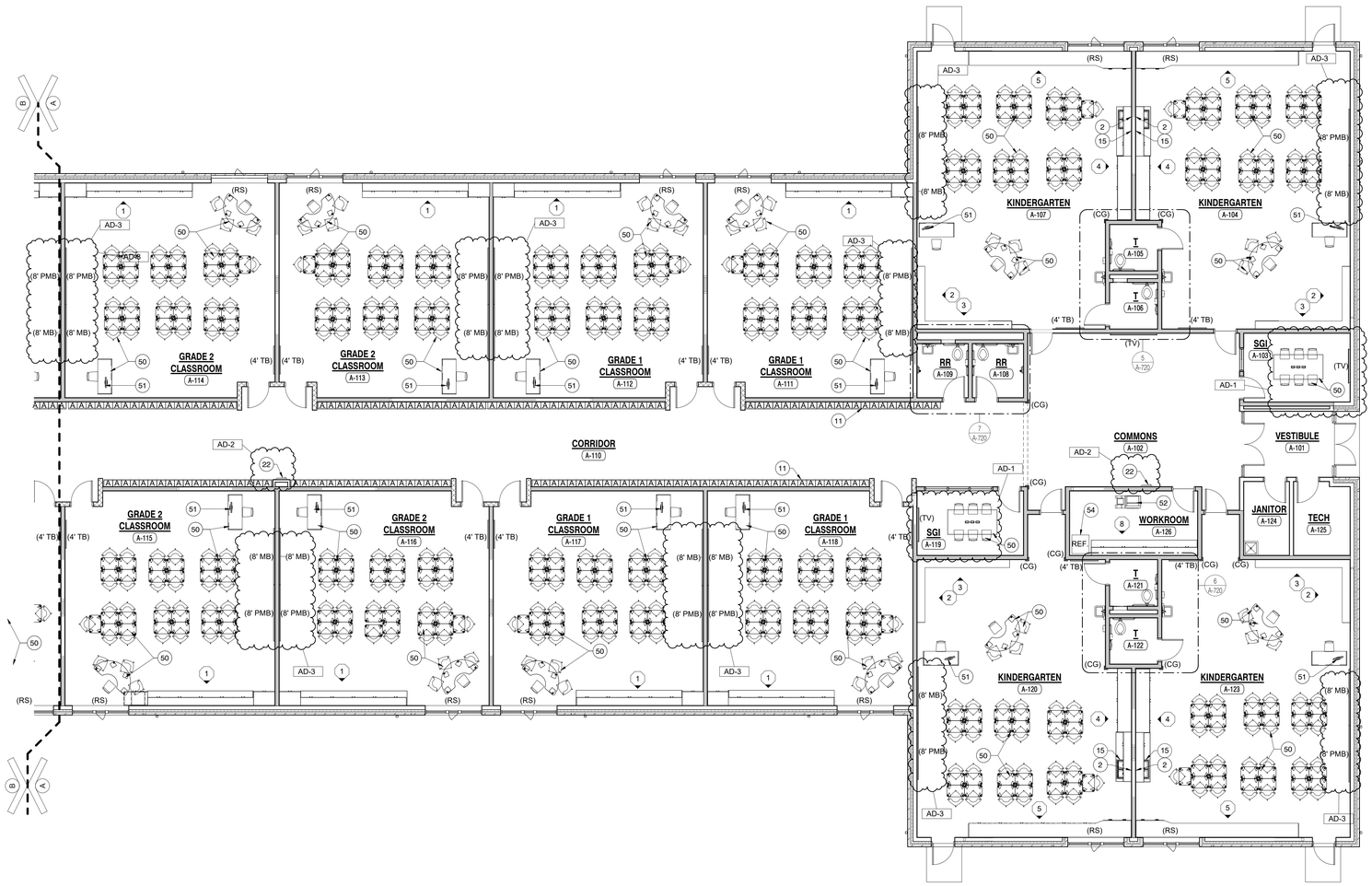


1 A-701 UNIT "A" FIRST FLOOR EQUIPMENT PLAN

1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- (--) INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ------ INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- – – – INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- ⌐ (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL 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-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14/A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE — AD-2 — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS. REFER TO BLEACHER KEY NOTES.
14. DROP BOX. VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK. REFER TO CASEWORK AND PLUMBING DRAWINGS. — AD-1
16. CHAIR RAIL — 6/A-501
17. COURT MARKINGS AND EQUIPMENT — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES — AD-2
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

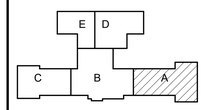
50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

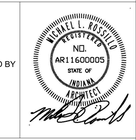


KEY PLAN

NORTH

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
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
MLR



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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "A" FIRST FLOOR EQUIPMENT PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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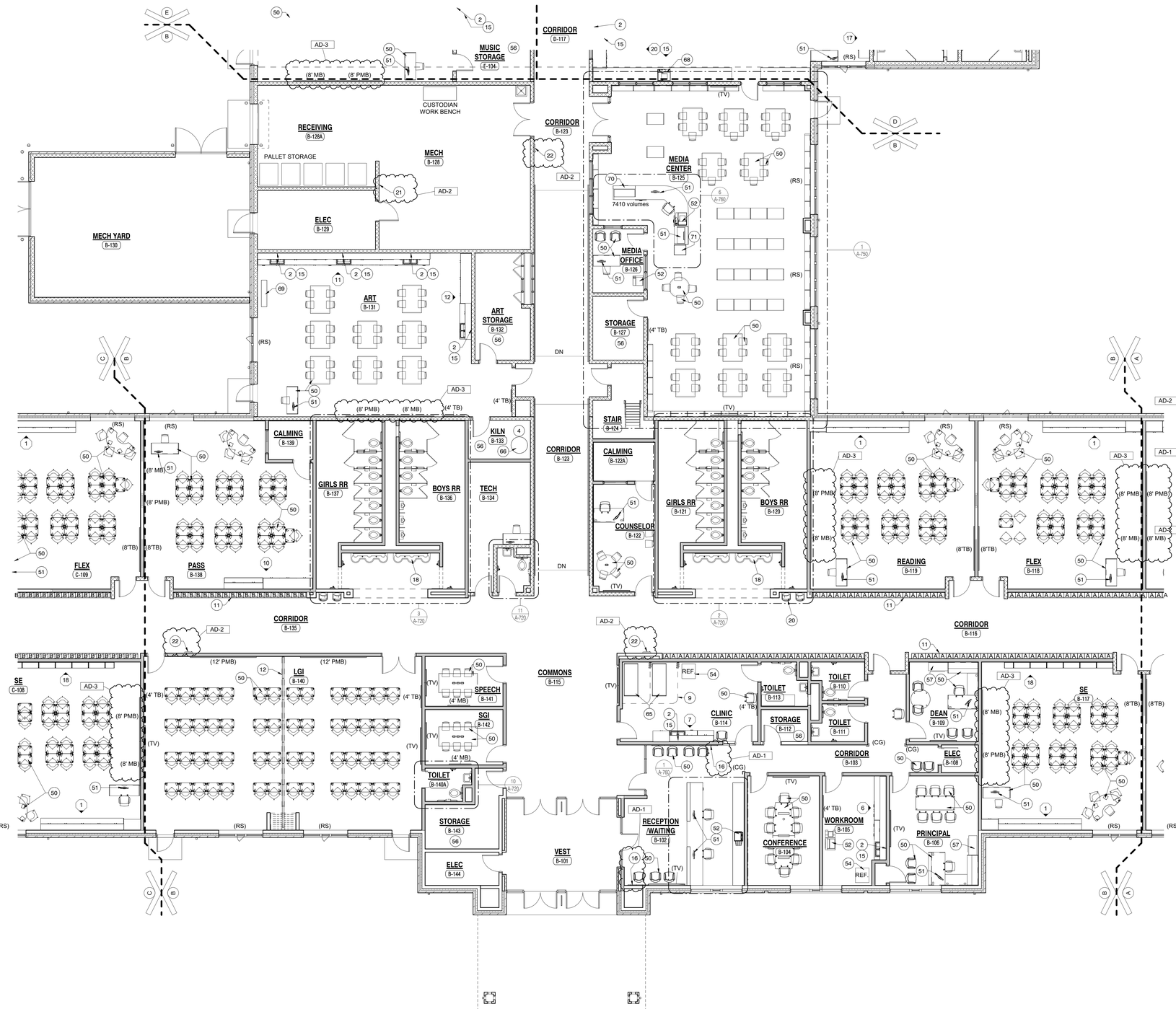

1 A-702 UNIT "B" FIRST FLOOR EQUIPMENT PLAN

1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

(--)	INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
	INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
	INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
(CG)	INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
(MB)	INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
(PMB)	INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
(TB)	INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
(RS)	INDICATES ROLLER SHADE FIT TO WINDOW
(TV)	TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL 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-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14/A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS, REFER TO BLEACHER KEY NOTES.
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS.
16. CHAIR RAIL — 8/A-361
17. COURT MARKINGS AND EQUIPMENT. — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES.
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET. — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

GIBRALTAR DESIGN
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PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

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

PROJECT 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY CLN
CHECKED BY MLR

MICHAEL L. ROSSELL — AR11600005 — STATE OF INDIANA — REGISTERED ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "B" FIRST FLOOR EQUIPMENT PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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B

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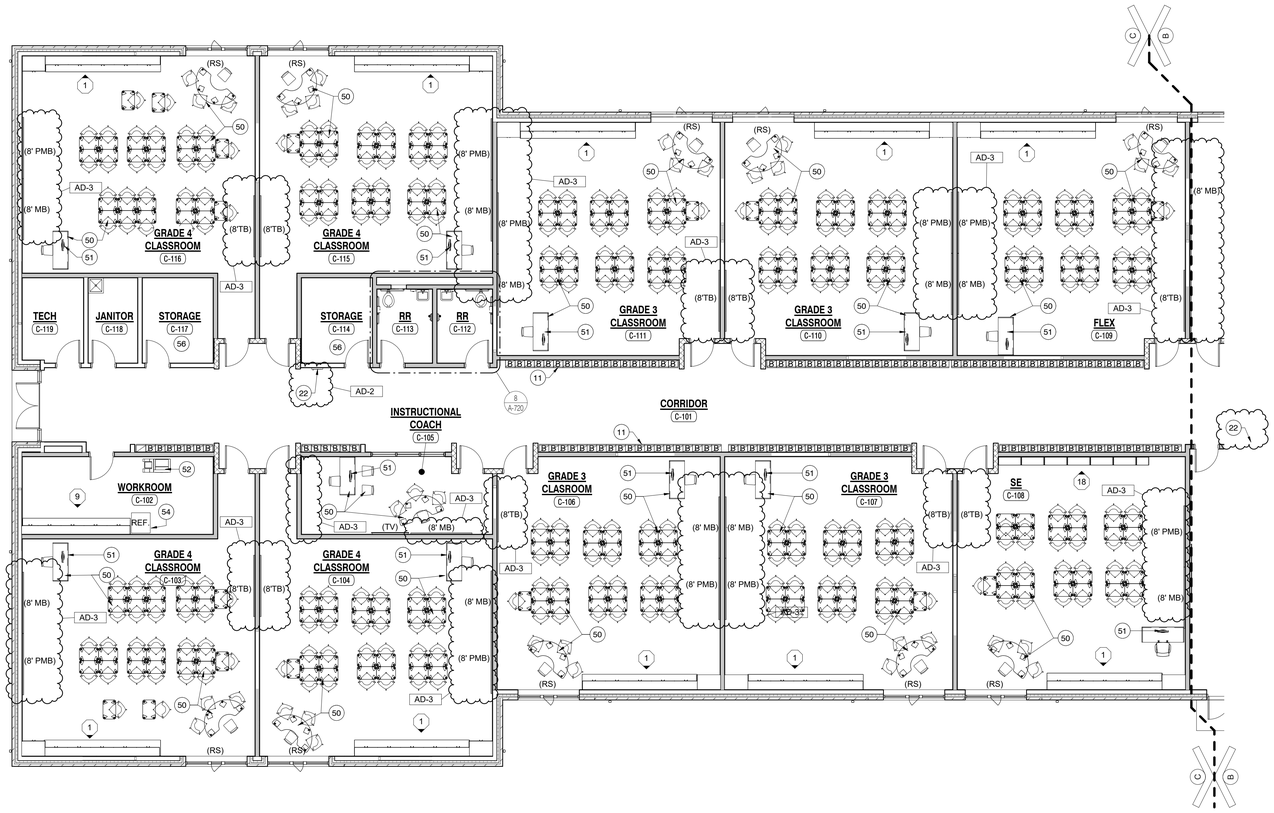

1 A-703 UNIT "C" FIRST FLOOR EQUIPMENT PLAN

1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- → INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL – REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- - - - INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- – – – INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL 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-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14/A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE. — AD-2 — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS, REFER TO BLEACHER KEY NOTES.
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS. — AD-1
16. CHAIR RAIL — 6/A-501
17. COURT MARKINGS AND EQUIPMENT — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES.
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET. — AD-2 — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
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61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

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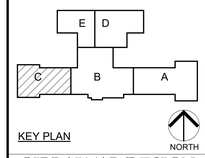
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



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 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY CLN
CHECKED BY MLR

MICHAEL L. ROUSEY — REGISTERED — ND AR11600005 — STATE OF INDIANA — ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "C" FIRST FLOOR EQUIPMENT PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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C

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A-703

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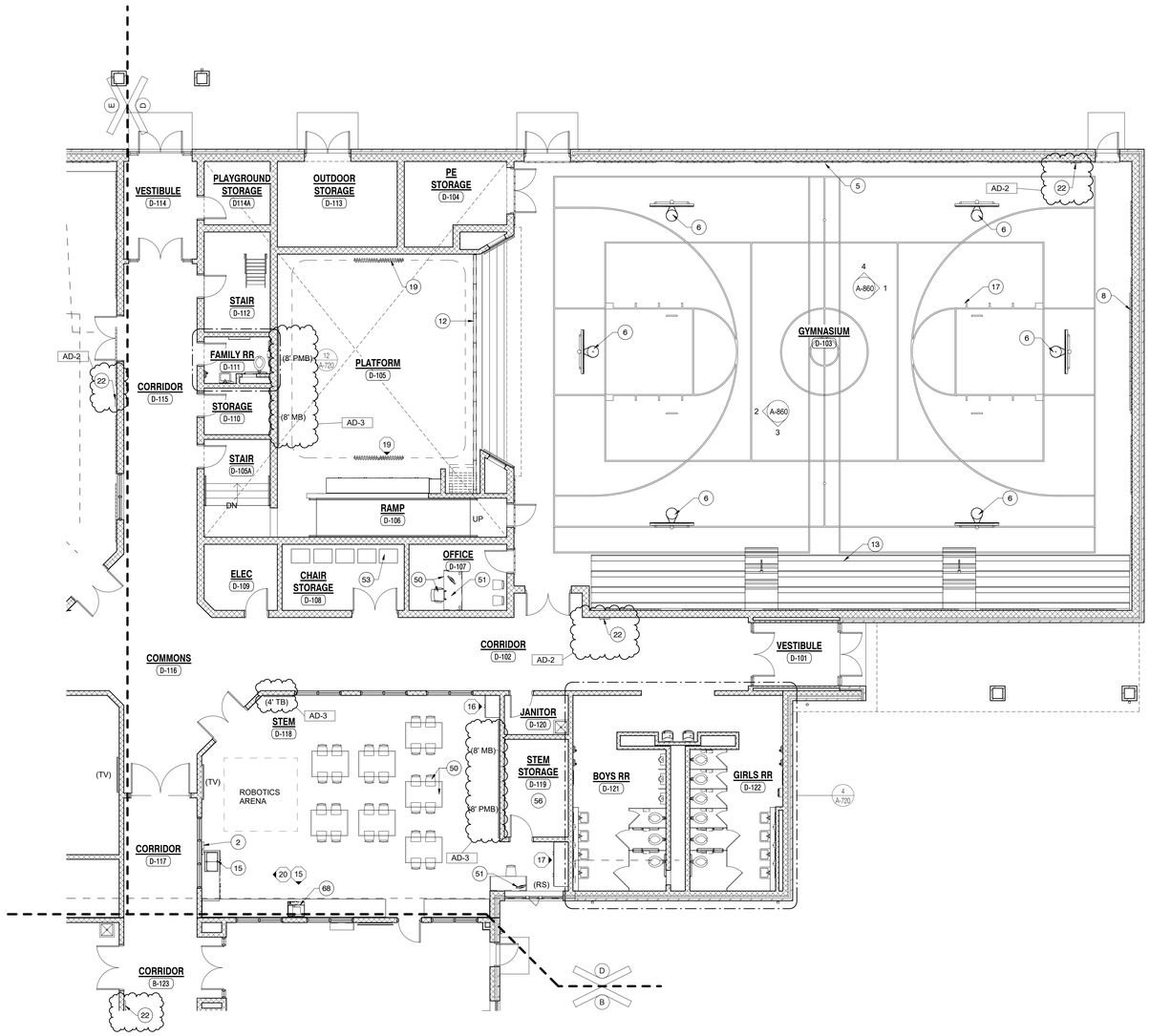


1 A-704 UNIT "D" FIRST FLOOR EQUIPMENT PLAN

1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- → INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ------ INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- – – – INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL 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-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
4. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
5. SCOREBOARD, REFER TO ELECTRICAL DRAWINGS FOR POWER.
6. FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
7. BACKWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT.)
8. SAFETY CUSHION WAINSCOT — 14/A-502
9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE. — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED).
13. BLEACHERS, REFER TO BLEACHER KEY NOTES.
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS.
16. CHAIR RAIL — 6/A-701
17. COURT MARKINGS AND EQUIPMENT — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
21. FIRE EXTINGUISHER (WALL MOUNTED) REFER TO FLOOR PLANS FOR FIRE EXTINGUISHER IN MECHANICAL MEZZANINES.
22. SEMI-RECESSED FIRE EXTINGUISHER CABINET — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER.
52. PRINTER/COPIER, BY OWNER.
53. CHAIR STORAGE CART, BY OWNER.
54. REFRIGERATOR, BY OWNER
55. TRASH CONTAINER, BY OWNER.
56. SHELVING, BY OWNER.
57. FILE CABINET, BY OWNER.
58. MICROWAVE, BY OWNER.
59. COFFEE MAKER, BY OWNER.
60. CLOTHES WASHER, BY OWNER.
61. CLOTHES DRYER, BY OWNER.
62. DISHWASHER, BY OWNER.
63. MENU BOARD, BY OWNER.
64. VENDING MACHINE, BY OWNER.
65. CLINIC COTS, BY OWNER.
66. KILN, BY OWNER, REFER TO MECANICAL DRAWINGS FOR HOOD.
67. MUSICAL INSTRUMENTS, BY OWNER.
68. 3D PRINTER, BY OWNER.
69. PAPER ROLL CART
70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

BLEACHER KEY NOTES: APPLIES TO THIS SHEET ONLY

A. BLEAHERS (1 LOCATIONS)
1. WALL ATTACHED.
2. TELESCOPING BLEACHERS.
3. ELECTRICALY OPERATED.

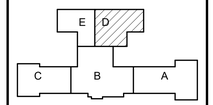
GENERAL BLEACHER NOTE:
LAYOUT OF BLEACHERS IS NOT INTEDED TO RESTRICT THE BLEACHER MANUFACTURER, BUT IS TO PROVIDE DESIGN LAYOUT GUIDELINES. THE MANUFACTURER HAS FLEXIBILITY IN ADA LOCATIONS, AISLE SPACING, SECTIONS, ETC.
AS APPROVED BY THE ARCHITECT THROUGH SHOP DRAWING SUBMITTALS.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

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 21-134
DATE 03/31/2022
COORDINATED BY MLR
DRAWN BY CLN
CHECKED BY MLR

MICHAEL L. ROSSILLE
REGISTERED
NO. AR11600005
STATE OF INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "D" FIRST FLOOR EQUIPMENT PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
A-704

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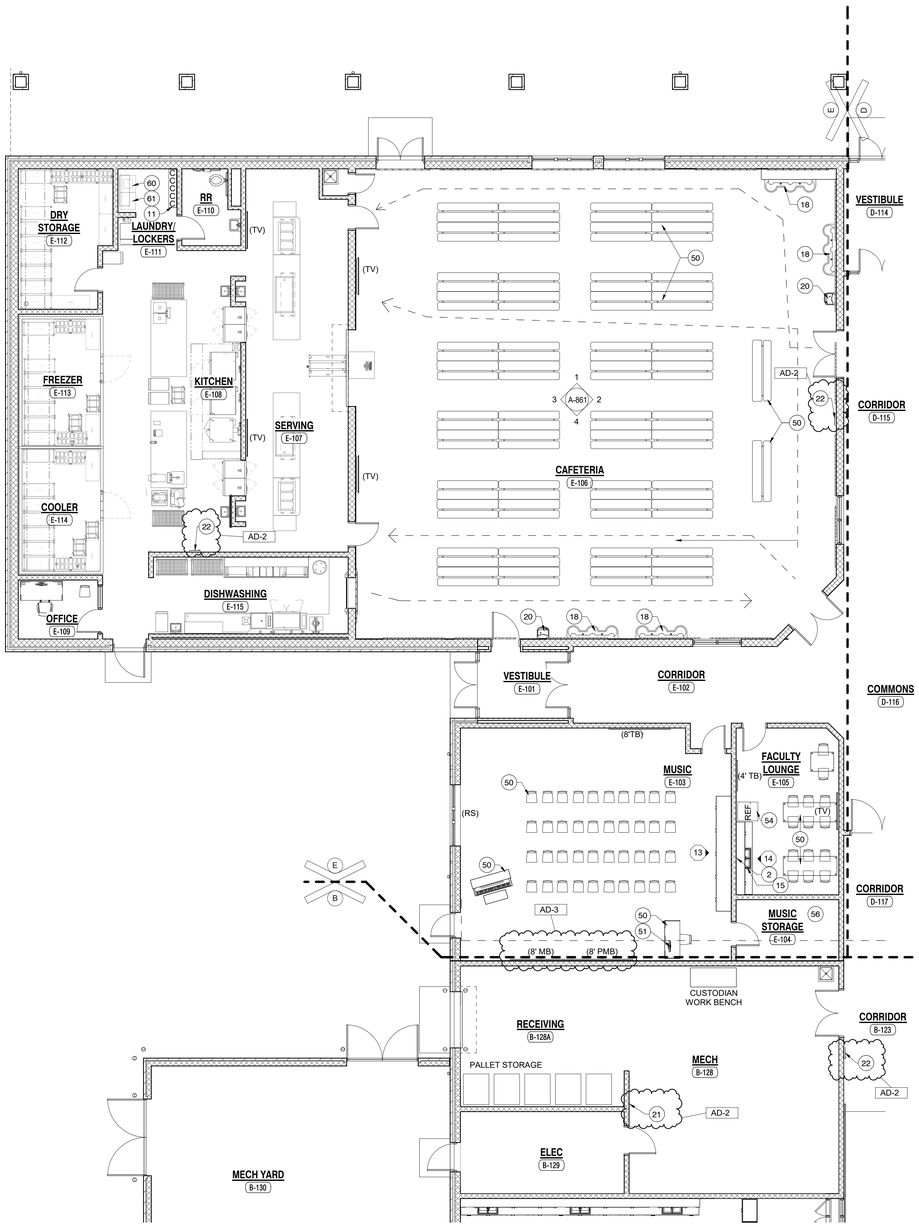

1 A-705 UNIT "E" FIRST FLOOR EQUIPMENT PLAN

1/8" = 1'-0"

EQUIPMENT PLAN LEGEND:

- INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
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- (CG) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
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- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (TV) TELEVISION MONITOR. REFER TO TECHNOLOGY DRAWING.

EQUIPMENT PLAN GENERAL 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-720, FOR TOILET ROOM EQUIPMENT

EQUIPMENT PLAN NOTES:

1. MEZZANINE ABOVE
2. PAPER TOWEL AND SOAP DISPENSER, OFCI
3. ROOF LADDER, REFER TO FLOOR PLANS.
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9. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). — 13/A-501
10. PROJECTION SCREEN (ELECTRICALLY OPERATED).
11. LOCKERS, LETTER INDICATES LOCKER TYPE. — 1/A-501, 2/A-501, 3/A-501
12. FOLDING PARTITION ALTERNATE (MANUALLY OPERATED). — AD-2
13. BLEACHERS, REFER TO BLEACHER KEY NOTES
14. DROP BOX, VERIFY HEIGHT WITH OWNER AND ARCHITECT'S FIELD REPRESENTATIVE.
15. SINK IN CASEWORK, REFER TO CASEWORK AND PLUMBING DRAWINGS. — AD-1
16. CHAIR RAIL — 6/A-501
17. COURT MARKINGS AND EQUIPMENT — 1/A-840
18. HAND WASH FOUNTAIN, REFER TO PLUMBING DRAWINGS.
19. CYCLORAMA CURTAIN
20. DRINKING FOUNTAIN, REFER TO PLUMBING DRAWINGS.
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22. SEMI-RECESSED FIRE EXTINGUISHER CABINET. — AD-2 — 15/A-501

OWNER FURNISHED EQUIPMENT PLAN NOTES:

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70. BOOK DROP CART, BY OWNER.
71. BOOK CART, BY OWNER.

GIBRALTAR DESIGN
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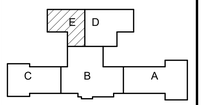
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

NORTH

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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
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
MLR

MICHAEL L. ROUSEY
REGISTERED
NO. AR11600005
STATE OF INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "E" FIRST FLOOR EQUIPMENT PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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E

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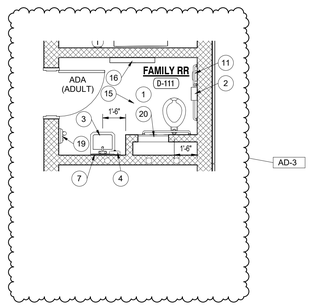
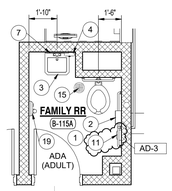
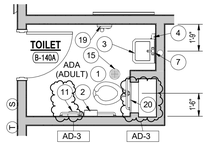


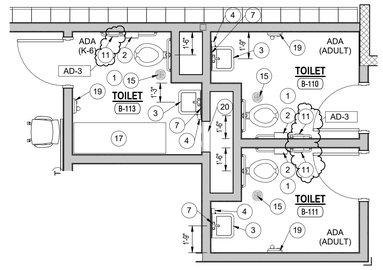
12 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



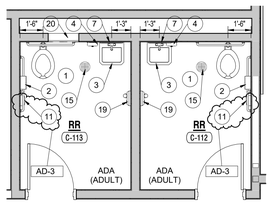
11 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



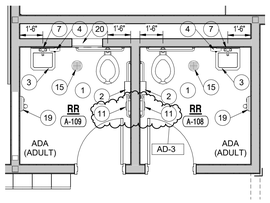
10 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



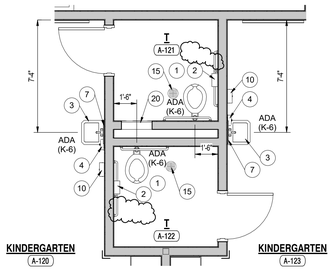
9 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



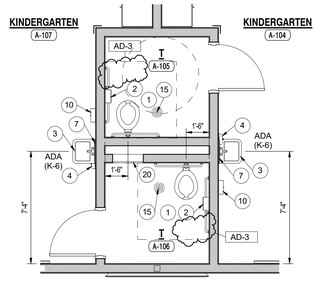
8 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



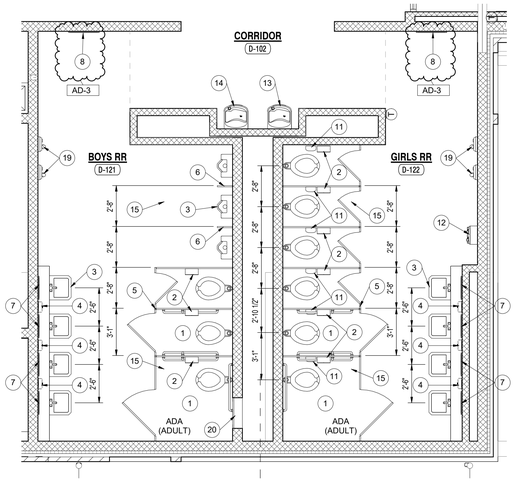
7 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



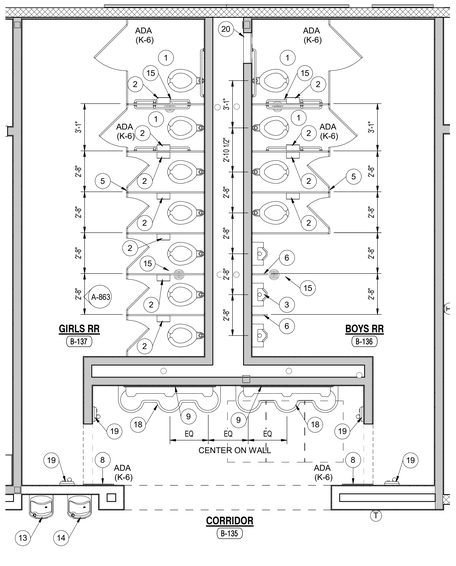
6 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



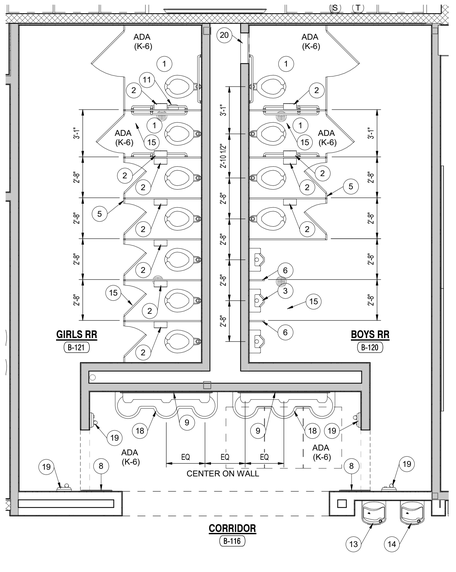
5 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



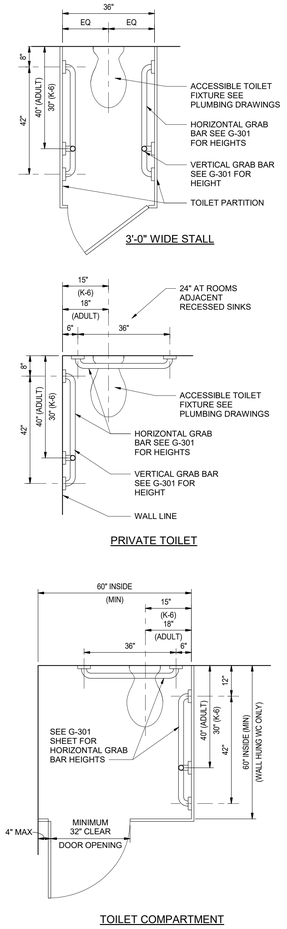
4 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



3 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



2 ENLARGED RESTROOM PLAN
A-720 1/4" = 1'-0"



1 ACCESSIBLE FACILITIES
A-720 1/2" = 1'-0"

GENERAL RESTROOM NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC., REFER TO 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 ON FLOOR MOUNTED WATER CLOSET OR FLUSH VALVE OF WALL MOUNTED WATER CLOSET.

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

G. FOR MOUTNING HEIGHTS REFER TO SHEET G-301.

PLAN NOTES:

1. ACCESSIBLE FACILITIES. (1 A-720)
2. TOILET PAPER HOLDER. (OFCI)
3. ACCESSIBLE FIXTURE (LAVATORY/URINAL). SEE PLUMBING DRAWINGS.
4. SOAP DISPENSER. (OFCI)
5. TOILET PARTITION.
6. URINAL SCREEN PARTITION.
7. 1'-6" W x 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40" A.F.F.
8. 2'-0" W x 5'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 16" A.F.F.
9. 6'-0" W x 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40" A.F.F.
10. PAPER TOWEL DISPENSER. (OFCI)
11. FEMININE NAPKIN DISPOSAL. (OFCI)
12. FEMININE NAPKIN DISPENSER.
13. ELECRIC WATER COOLER WITH BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
14. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
15. FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
16. BABY CHANGING TABLE.
17. CHANGING TABLE. (OFOI) LOOSE FURNITURE
18. WASH FOUNTAIN WITH INTEGRAL SOAP DISPENSERS, REFER TO PLUMBING DRAWINGS.
19. AUTOMATIC AIR HAND DRYER.
20. 24" x 24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F. COORDINATE LOCATION W/ SENSOR HEIGHT.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

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

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROSSLER
REGISTERED
NO.
AR11600005
STATE OF
INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
ENLARGED TOILET ROOM PLANS AND DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

© GIBRALTAR DESIGN

SHEET
A-720

4/30/2022 11:07:05 AM
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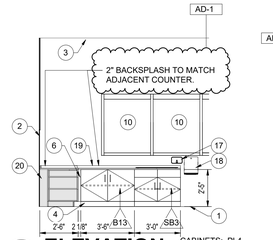
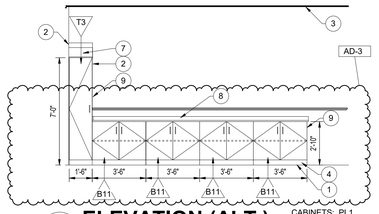
CASEWORK SCHEDULE

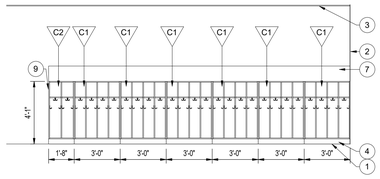
MARK	MODEL NUMBER	WIDTH	HEIGHT	DEPTH	DESCRIPTION
B1	10432	3' - 0"	2' - 5"	2' - 0"	BASE - TWO DRAWER, TWO DOOR WITH ADJUSTABLE SHELF
B2	10446	3' - 0"	2' - 5"	2' - 0"	BASE - ONE DRAWER, TWO DOOR WITH ADJUSTABLE SHELF
B3	10403	4' - 0"	2' - 5"	2' - 5"	BASE - FIVE DRAWER
B4	10432	3' - 6"	2' - 10"	2' - 0"	BASE - TWO DRAWER, TWO DOOR WITH ADJUSTABLE SHELF
B5	10432	3' - 0"	2' - 10"	2' - 0"	BASE - TWO DRAWER, TWO DOOR WITH ADJUSTABLE SHELF
B6	10339	1' - 6"	2' - 10"	2' - 0"	BASE - THREE DRAWER; TWO EQUAL DRAWERS
B8	10374	2' - 0"	2' - 10"	2' - 0"	BASE - FOUR DRAWER
B9	10315	2' - 0"	2' - 5"	2' - 0"	BASE - TWO DRAWER
B10	10339	2' - 6"	2' - 5"	2' - 0"	BASE - THREE DRAWER
B11	10129	3' - 6"	2' - 10"	2' - 0"	BASE - TWO DOOR, ADJUSTABLE SHELF
B12	10129	3' - 0"	2' - 5"	2' - 0"	BASE - TWO DOOR, ADJUSTABLE SHELF
B13	10129	3' - 6"	2' - 5"	2' - 0"	BASE - TWO DOOR, ADJUSTABLE SHELF
C1	62034	3' - 0"	4' - 1"	1' - 2"	CUBBIES - FOUR UNITS
C2	62032	1' - 8"	4' - 1"	1' - 2"	CUBBIES - TWO UNITS
H1	16252	4' - 0"	4' - 2"	1' - 2"	HUTCH - MAILBOXES
SB1	10479	3' - 6"	2' - 10"	2' - 0"	SINK BASE - TWO DOOR, REMOVABLE BACK
SB2	10577	3' - 0"	2' - 5"	2' - 0"	SINK, ADA - REMOVABLE ACCESS PANEL
SB3	10479	3' - 0"	2' - 5"	2' - 0"	SINK BASE - TWO DOOR
SB4	10479	3' - 0"	2' - 10"	2' - 0"	SINK BASE, TWO DOOR, REMOVABLE BACK
T1	26610	3' - 0"	7' - 0"	2' - 0"	TALL - TEACHER WARDROBE; TWO DOOR, FILE
T2	26129	3' - 0"	7' - 0"	2' - 0"	TALL - TWO DOOR
T3	26544	1' - 6"	7' - 0"	2' - 0"	TALL - ONE DOOR; HINGE LEFT
W1	16129	3' - 0"	2' - 6"	1' - 2"	WALL - TWO DOOR WITH ADJUSTABLE SHELVES
W2	16129	3' - 6"	2' - 6"	1' - 2"	WALL - TWO DOOR WITH ADJUSTABLE SHELVES
W3	16129	3' - 6"	1' - 6"	1' - 2"	WALL - TWO DOOR (ABOVE SINK)
W4	16129	3' - 0"	1' - 6"	1' - 2"	WALL - TWO DOOR (ABOVE SINK)
W5	16291	2' - 0"	2' - 6"	1' - 2"	WALL - ONE DOOR, LEFT HINGE, LOCKABLE NARCOTICS CABINET
W6	16129	2' - 0"	2' - 6"	1' - 2"	WALL - TWO DOOR WITH ADJUSTABLE SHELVES
W7	16120	2' - 0"	2' - 6"	1' - 2"	WALL - ONE DOOR, RIGHT HINGE
W8	16121	2' - 0"	2' - 6"	1' - 2"	WALL - ONE DOOR, LEFT HINGE



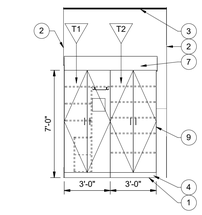
20 A-730 ELEVATION CABINETS: PL4 COUNTERTOPS: PL2
1/4" = 1'-0"
ROOM: D-118



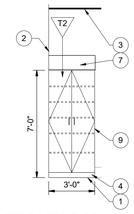
19 A-730 ELEVATION (ALT.) CABINETS: PL1 COUNTERTOPS: PL2
1/4" = 1'-0"
ROOM: D-105



18 A-730 ELEVATION CABINETS: PL1
1/4" = 1'-0"
ROOM: B-117
OPPOSITE HAND: C-108



17 A-730 ELEVATION CABINETS: PL3
1/4" = 1'-0"
ROOM: D-118



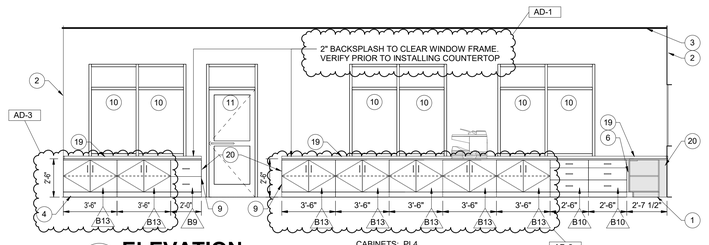
16 A-730 ELEVATION CABINETS: PL3
1/4" = 1'-0"
ROOM: D-118

GENERAL NOTES APPLIES TO THIS SHEET ONLY

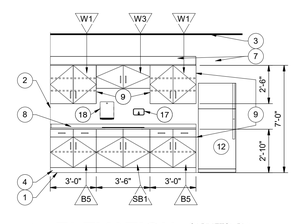
A. FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
B. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, 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 BACKSPLASHES AND ENDSPLASHES 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 OTHERS.
H. FIELD VERIFY ALL DIMENSIONS.
I. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.
J. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY.
K. ALL ADJOINING CABINETS SHALL BE ALIGNED.
L. ALL EXPOSED ENDS ARE TO BE FINISHED.
M. ALL COUNTERTOPS TO BE 25"D PLASTIC LAMINATE WITH BACK AND/OR ENDSPLASH AS REQUIRED UNLESS OTHERWISE NOTED.
N. ALL CABINET DOORS AND DRAWERS TO BE LOCKING.

KEY NOTES

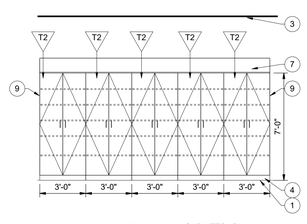
1. LINE OF FINISHED FLOOR
2. WALL LINE
3. CEILING LINE
4. 4" TOE SPACE WITH VINYL BASE, BY OTHERS
5. LINE OF TURN IN WALL
6. FILLER PANEL
7. SLOPED CASEWORK TOP TO BE PROVIDED ON ALL TALL AND WALL CABINETS
8. 24"D PLASTIC LAMINATE COUNTERTOP WITH BACK AND/OR ENDSPLASH, AS REQUIRED
9. FINISHED END AND OR FILLER PANEL TO MATCH CABINETS.
10. WINDOW, SEE ARCHITECTURAL DRAWINGS
11. DOOR, SEE ARCHITECTURAL DRAWINGS
12. REFRIGERATOR BY OWNER
13. MICROWAVE BY OWNER
14. KNEE SPACE
15. SUPPORT LEG/BRACKET
16. NOT USED
17. SOAP DISPENSER BY OWNER
18. TOWEL DISPENSER BY OWNER
19. 30"D PLASTIC LAMINATE COUNTERTOP WITH BACK AND/OR ENDSPLASH, AS REQUIRED
20. 6" CHASE WITH FINISH END.



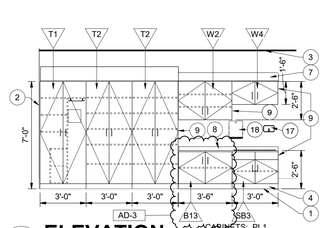
15 A-730 ELEVATION CABINETS: PL4 COUNTERTOPS: PL2
1/4" = 1'-0"
ROOM: D-118



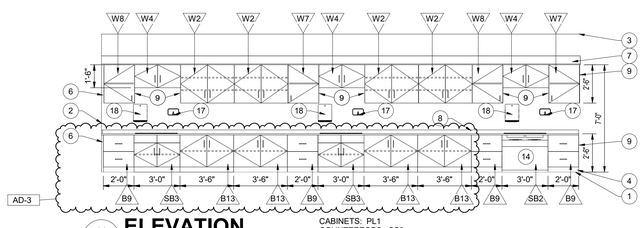
14 A-730 ELEVATION CABINETS: PL5 COUNTERTOPS: PL6
1/4" = 1'-0"
ROOM: E-105



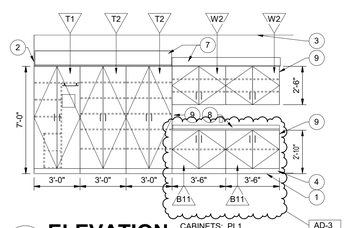
13 A-730 ELEVATION CABINETS: PL1
1/4" = 1'-0"
ROOM: E-103



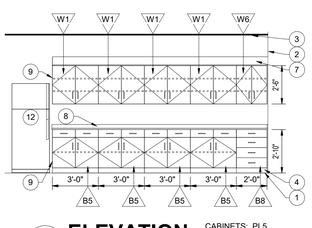
12 A-730 ELEVATION CABINETS: PL1 COUNTERTOPS: SS3
1/4" = 1'-0"
ROOM: B-131



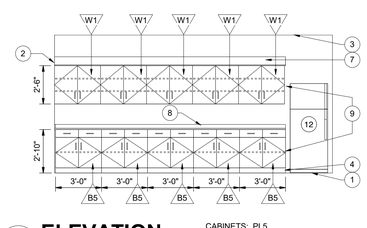
11 A-730 ELEVATION CABINETS: PL1 COUNTERTOPS: SS3
1/4" = 1'-0"
ROOM: B-131



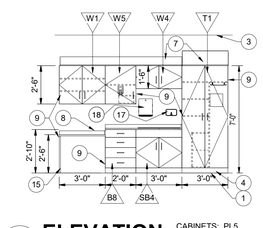
10 A-730 ELEVATION CABINETS: PL1 COUNTERTOPS: PL2
1/4" = 1'-0"
ROOM: B-138



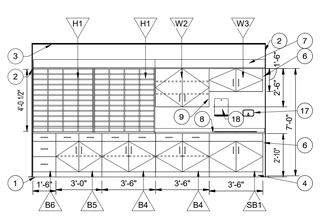
9 A-730 ELEVATION CABINETS: PL5 COUNTERTOPS: PL6
1/4" = 1'-0"
ROOM: C-102



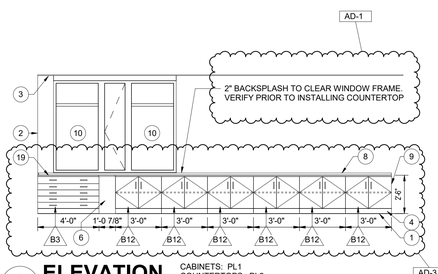
8 A-730 ELEVATION CABINETS: PL5 COUNTERTOPS: PL6
1/4" = 1'-0"
ROOM: A126



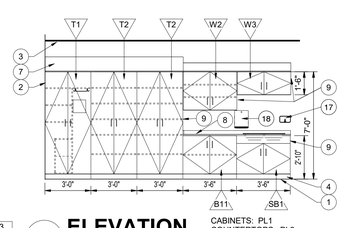
7 A-730 ELEVATION CABINETS: PL5 COUNTERTOPS: PL6
1/4" = 1'-0"
ROOM: B114



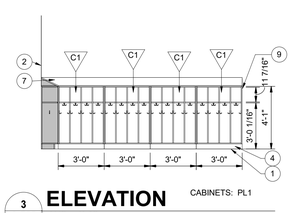
6 A-730 ELEVATION CABINETS: PL5 COUNTERTOPS: PL6
1/4" = 1'-0"
ROOM: B-105



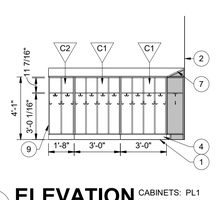
5 A-730 ELEVATION CABINETS: PL1 COUNTERTOPS: PL2
1/4" = 1'-0"
ROOM: A-104, A-120
OPPOSITE HAND: A-107, A-123



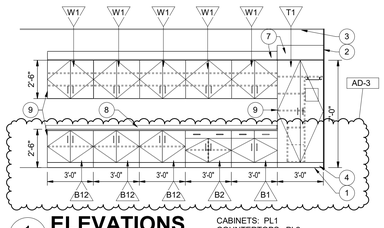
4 A-730 ELEVATION CABINETS: PL1 COUNTERTOPS: PL2
1/4" = 1'-0"
ROOM: A-104, A-120
OPPOSITE HAND: A-107, A-123



3 A-730 ELEVATION CABINETS: PL1
1/4" = 1'-0"
ROOM: A-104, A-120
OPPOSITE HAND: A-107, A-123



2 A-730 ELEVATION CABINETS: PL1
1/4" = 1'-0"
ROOM: A-104, A-120
OPPOSITE HAND: A-107, A-123



1 A-730 ELEVATIONS CABINETS: PL1 COUNTERTOPS: PL2
1/4" = 1'-0"
ROOM: A-111, A-113, A-116, A-118, B-117, B-118, C-103, C-107, C-110, C-115
OPPOSITE HAND: A-112, A-114, A-115, A-117, B-119, C-104, C-106, C-108, C-109, C-111, C-116

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

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

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MKR
DRAWN BY
CLN
CHECKED BY
MKR

MICHAEL K. ROSSELOT REGISTERED ND. AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-3	4/28/2022	ADDENDUM 3

DRAWING
CASEWORK SCHEDULE, ELEVATIONS AND DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
A-730

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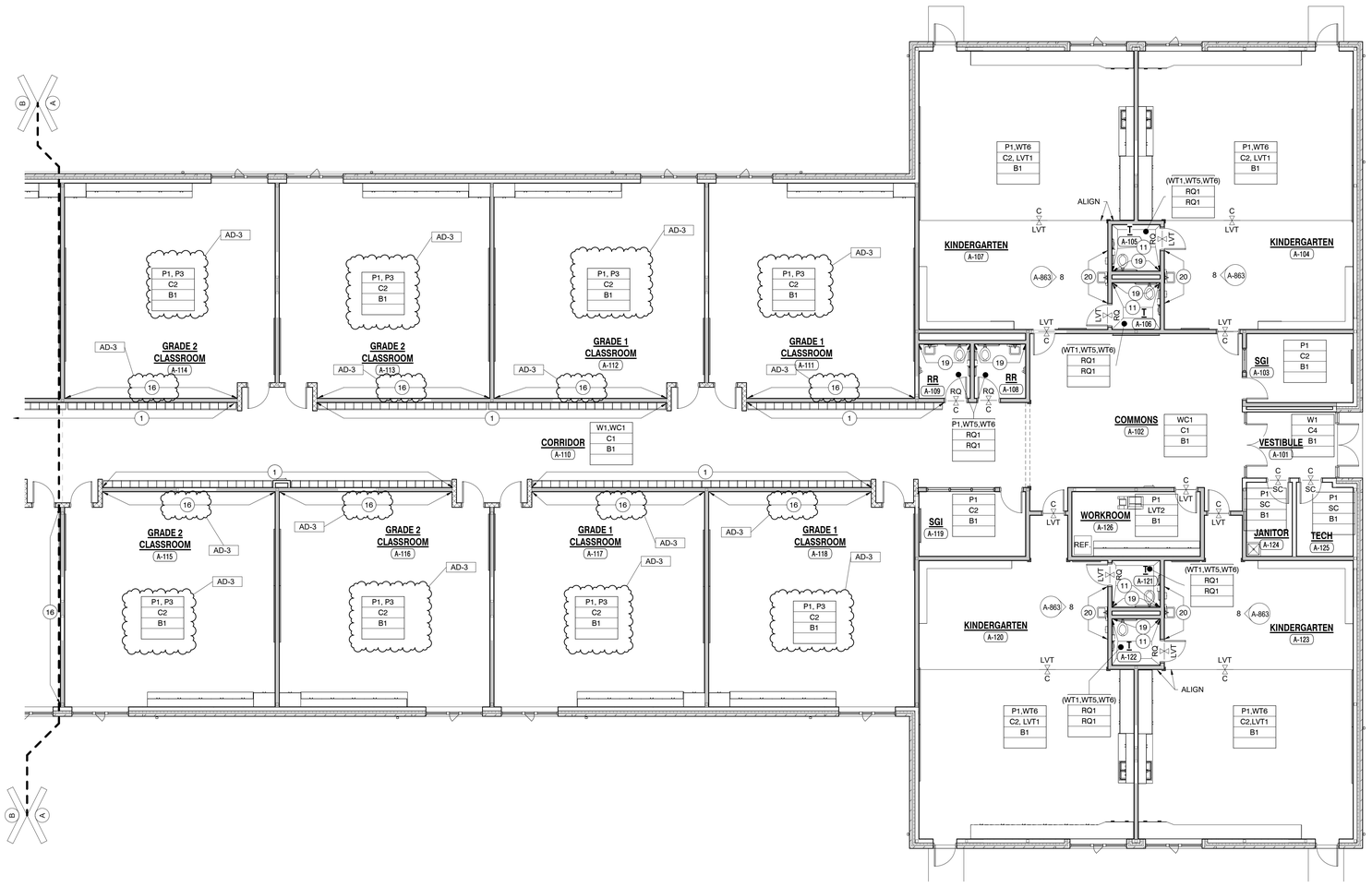

1 UNIT "A" FIRST FLOOR FINISH PLAN
A-801 1/8" = 1'-0"

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 INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

C. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIALS, INCLUDING NOTATION OF MATERIAL DIRECTION.

D. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

E. FOR FLOOR FINISH TRANSITION DETAILS, REFER TO 11/A-501. FOR GYMNASIUM FLOOR BASE FLOOR TRANSITIONS, REFER TO 12/A-501

F. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON FINISH PLAN. WHERE NONE ARE NOTED, CONTRACTOR TO VERIFY REQUIRED TYPE/COLOR WITH DESIGNER.

G. SEE SHEET A-820 FOR FINISH LEGEND AND ADDITIONAL INFORMATION.

H. PAINT ALL DOOR FRAMES P7- ALL SIDES UNLESS NOTED OTHERWISE.

I. EXPOSED DUCTWORK AND PIPING TO BE PAINTED TO MATCH ADJACENT SURFACES, UNLESS NOTED OTHERWISE.

J. REFER TO REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

K. REFER TO PROJECT MANUAL FOR FINISH LEVEL REQUIREMENTS FOR GYPSUM BOARD SURFACES, UNLESS OTHERWISE INDICATED.

FINISH SYMBOL LEGEND

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

C1 / VT1 — FLOOR MATERIAL TRANSITION

PLAN NOTES

1. WALLCOVERING OVER 1/8" TACKABLE WALL.
2. NOT USED
3. ACOUSTICAL PANEL, SEE INTERIOR ELEVATIONS
4. METAL EDGE TRIM TO END TACKABLE WALL.

FINISH NOTES

10. WALL TILE PATTERN, REFER TO 5/A-863
11. WALL TILE, WT1 ONE COLOR TILE ONLY. REFER TO 6/A863 FOR TILE PATTERN.
12. WALL TILE, WT2 - INSTALL TILE PATTERN STACKED.
13. WALL TILE, WT7
14. WALL TILE, WT8
15. WALLCOATING, W7
16. PAINT, P3
17. PAINT, P5
18. WALLCOATING, W5
19. WALL TILE PATTERN, REFER TO 6/A-863
20. WALL TILE 6, WT6, REFER TO 8/A-863
21. WALLCOATING, W7
22. DIGITAL WALL GRAPHIC, WC4
23. SEE FLOOR PATTERN PLAN. 1/A-830
24. WALL TILE, WT8 WITH WALLCOATIONG W1 ABOVE. SEE ELEVATION 3/A-863 FOR PATTERN.
25. STAIR TREADS AND RISERS, ST
26. PAINT, P2

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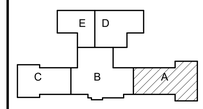
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN — NORTH

GIBRALTAR DESIGN
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Indianapolis, IN 46260
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Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
NAS

MICHAEL L. ROUSSEAU REGISTERED ND, AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "A" FIRST FLOOR FINISH PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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A

SHEET
A-801

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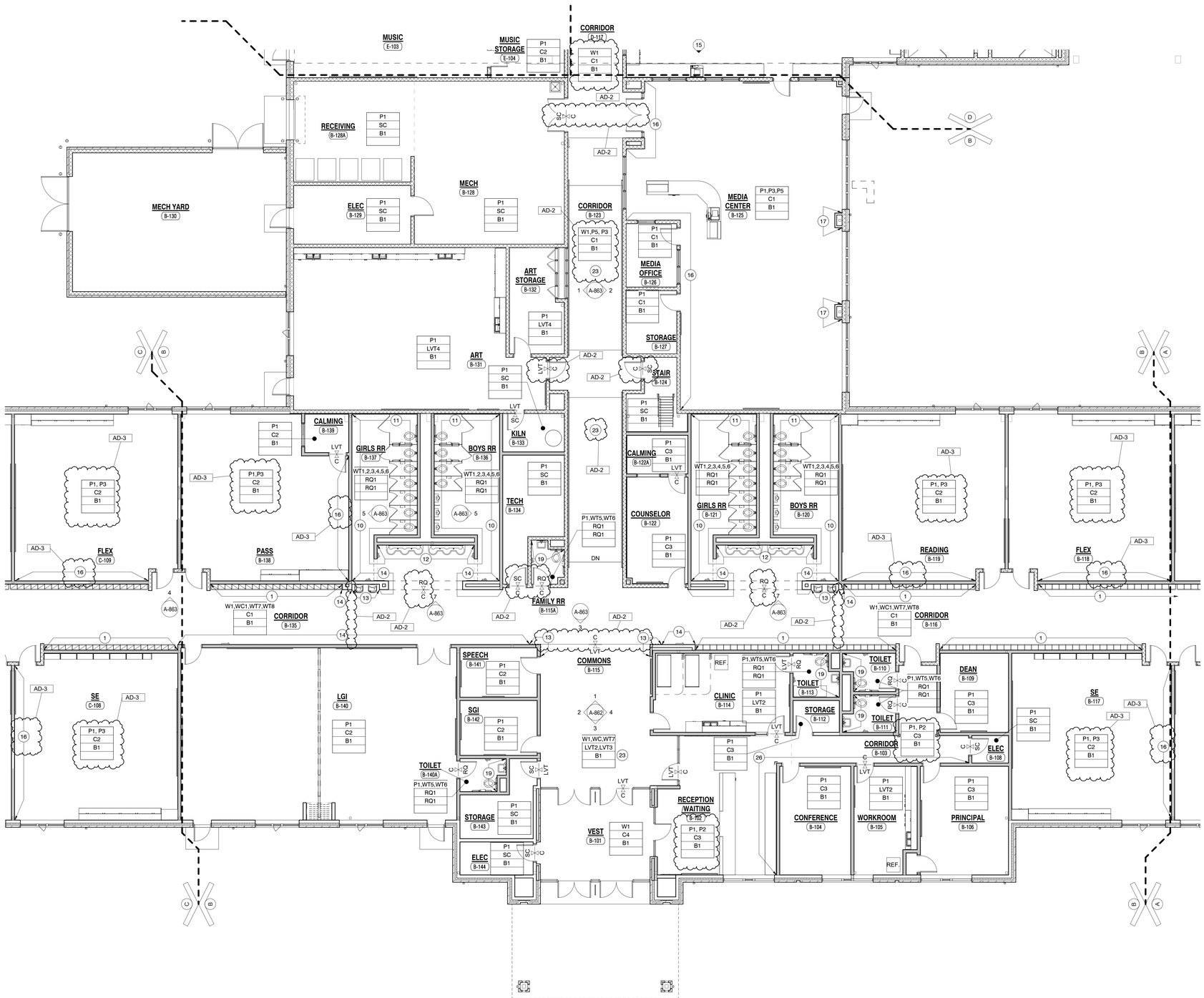

1 UNIT "B" FIRST FLOOR FINISH PLAN
A-802 1/8" = 1'-0"

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 INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.

C. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIALS, INCLUDING NOTATION OF MATERIAL DIRECTION.

D. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

E. FOR FLOOR FINISH TRANSITION DETAILS, REFER TO 11/A-501. FOR GYMNASIUM FLOOR BASE FLOOR TRANSITIONS, REFER TO 12/A-501

F. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON FINISH PLAN. WHERE NONE ARE NOTED, CONTRACTOR TO VERIFY REQUIRED TYPE/COLOR WITH DESIGNER.

G. SEE SHEET A-820 FOR FINISH LEGEND AND ADDITIONAL INFORMATION.

H. PAINT ALL DOOR FRAMES P7- ALL SIDES UNLESS NOTED OTHERWISE.

I. EXPOSED DUCTWORK AND PIPING TO BE PAINTED TO MATCH ADJACENT SURFACES, UNLESS NOTED OTHERWISE.

J. REFER TO REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.

K. REFER TO PROJECT MANUAL FOR FINISH LEVEL REQUIREMENTS FOR GYPSUM BOARD SURFACES, UNLESS OTHERWISE INDICATED.

FINISH SYMBOL LEGEND

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

C1 / VT1 — FLOOR MATERIAL TRANSITION

PLAN NOTES

1. WALLCOVERING OVER 1/8" TACKABLE WALL.
2. NOT USED
3. ACOUSTICAL PANEL, SEE INTERIOR ELEVATIONS
4. METAL EDGE TRIM TO END TACKABLE WALL.

FINISH NOTES

10. WALL TILE PATTERN, REFER TO 5/A-863
11. WALL TILE, WT1 ONE COLOR TILE ONLY. REFER TO 6/A863 FOR TILE PATTERN.
12. WALL TILE, WT2 - INSTALL TILE PATTERN STACKED.
13. WALL TILE, WT7
14. WALL TILE, WT8
15. WALLCOATING, W7
16. PAINT, P3
17. PAINT, P5
18. WALLCOATING, W5
19. WALL TILE PATTERN, REFER TO 6/A-863
20. WALL TILE 6, WT6, REFER TO 8/A-863
21. WALLCOATING, W7
22. DIGITAL WALL GRAPHIC, WC4
23. SEE FLOOR PATTERN PLAN. 1/A-830
24. WALL TILE, WT8 WITH WALLCOATIONG W1 ABOVE. SEE ELEVATION 3/A-863 FOR PATTERN.
25. STAIR TREADS AND RISERS, ST
26. PAINT, P2

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

KEY PLAN

NORTH

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PROJECT
21-134
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03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
NAS

MICHAEL L. ROUSSEAU REGISTERED NO. AR11600005 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "B" FIRST FLOOR FINISH PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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B

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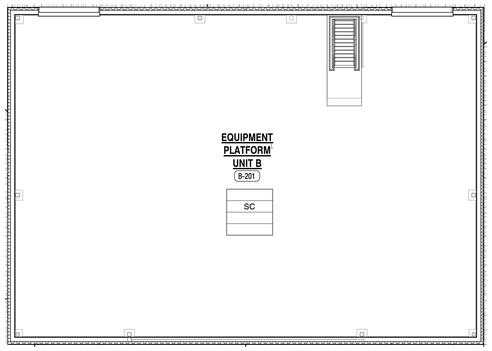
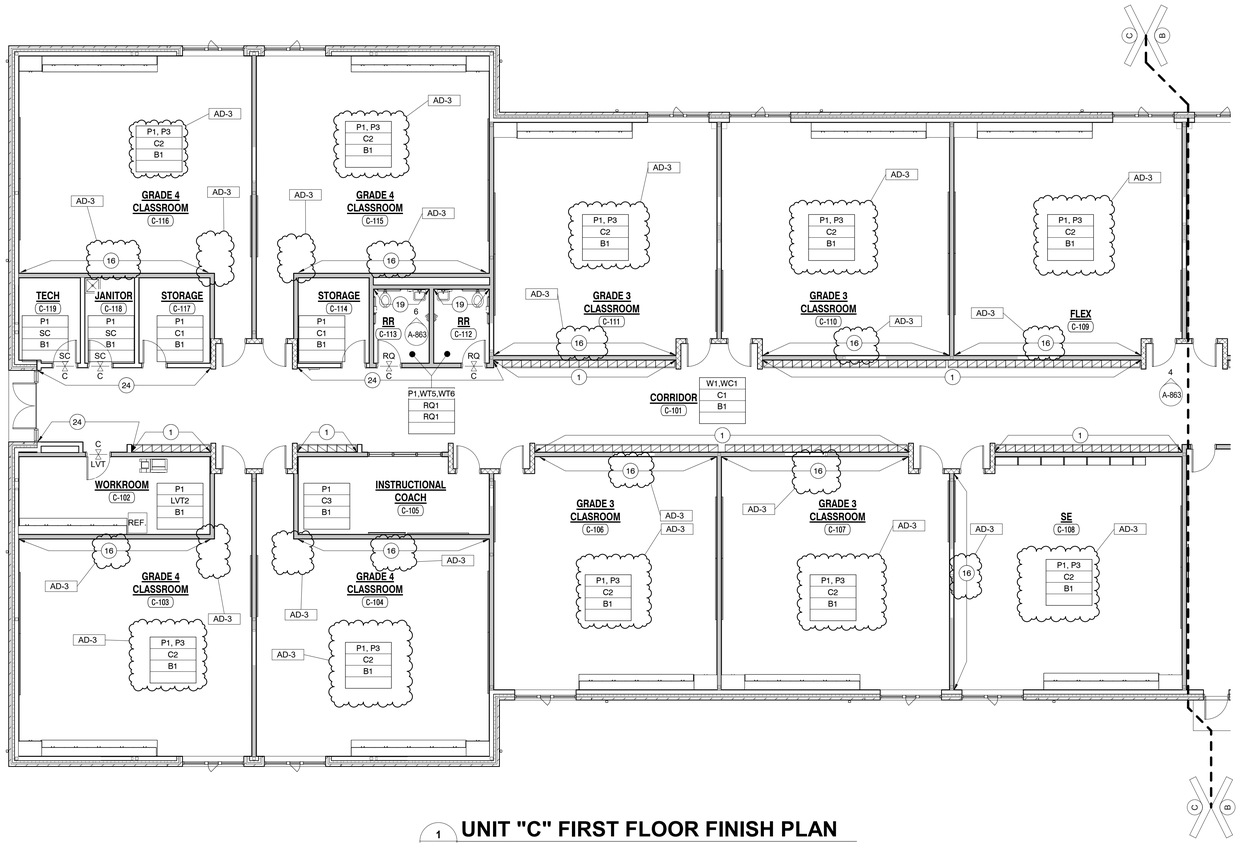


2 UNIT B MEZZANINE FINISH PLAN
A-803 1/8" = 1'-0"



1 UNIT "C" FIRST FLOOR FINISH PLAN
A-803 1/8" = 1'-0"

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.

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FINISH SYMBOL LEGEND

P1 →	WALL FINISH
C1 →	FLOOR FINISH
B1 →	BASE FINISH
-- →	MISC FINISH INFORMATION

C1 / VT1 — FLOOR MATERIAL TRANSITION

PLAN NOTES

1. WALLCOVERING OVER 1/8" TACKABLE WALL.
2. NOT USED
3. ACOUSTICAL PANEL, SEE INTERIOR ELEVATIONS
4. METAL EDGE TRIM TO END TACKABLE WALL.

AD-3

FINISH NOTES

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AD-3

GIBRALTAR DESIGN
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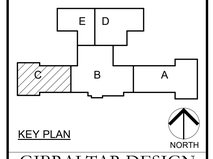
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "C" FIRST FLOOR FINISH PLAN / UNIT B MEZZANINE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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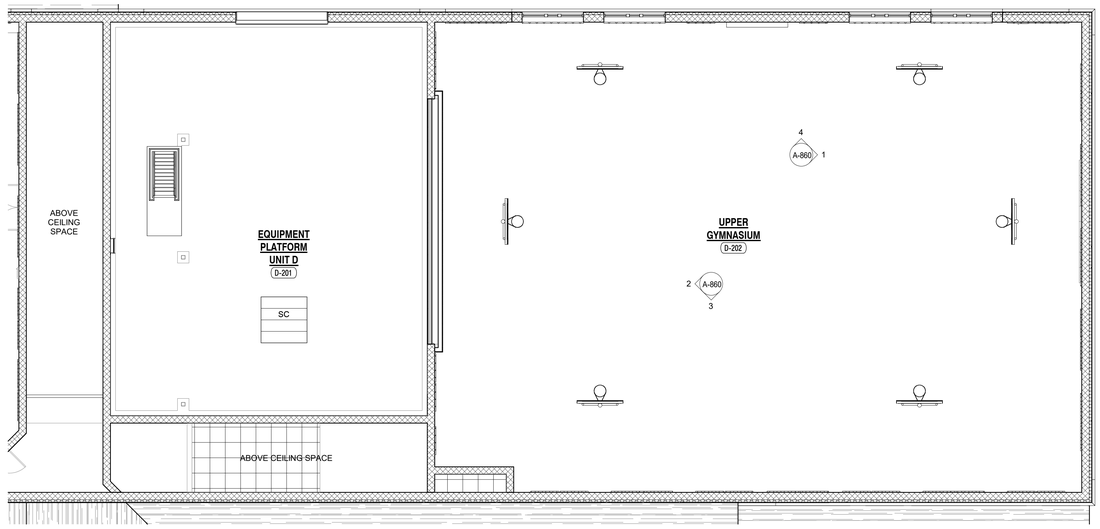
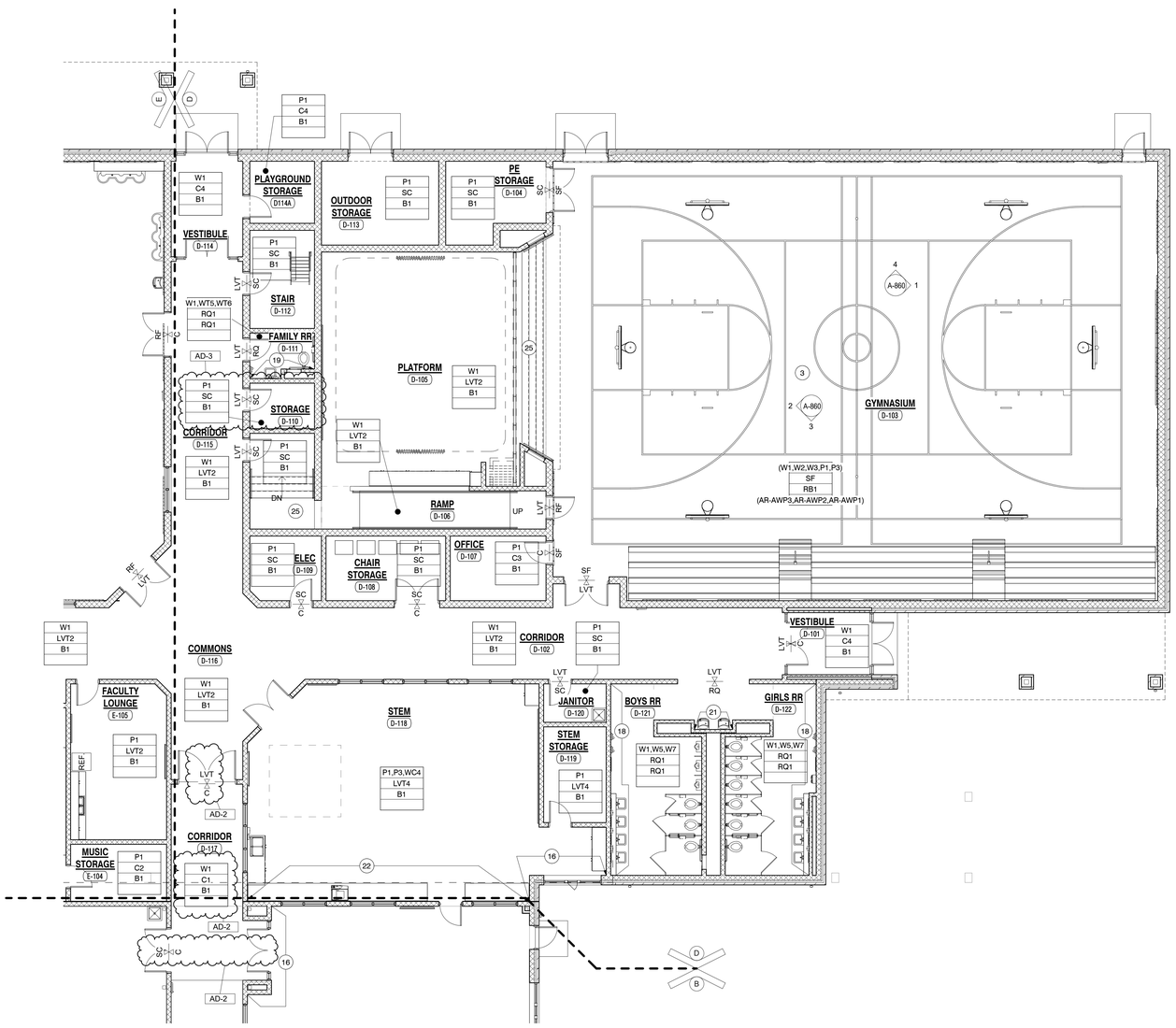


2 A-804 UNIT D MEZZANINE & CLERESTORY PLAN

1/8" = 1'-0"



1 A-804 UNIT "D" FIRST FLOOR FINISH PLAN

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AD-3

GIBRALTAR DESIGN
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PROJECT:

NEW YOST ELEMENTARY SCHOOL

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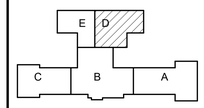

KEY PLAN

NORTH

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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

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MICHAEL L. ROUSEY — REGISTERED — NO. AR11600005 — STATE OF INDIANA — ARCHITECT

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REVISIONS

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AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "D" FIRST FLOOR FINISH PLAN / UNIT D MEZZANINE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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FINISH LEGEND

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
CEILING MATERIALS							
	ACT1	ACOUSTICAL CEILING TILE	ARMSTRONG	AD-3 FINE FISSURED - SECOND LOOK	1761 WHITE	24" X 48"	WITH HUMIGUARD PLUS
	ACT2	ACOUSTICAL CEILING TILE	ARMSTRONG	VINYL FACED	868 WHITE	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS
	ACT3	ACOUSTICAL CEILING TILE	ARMSTRONG	VINYL FACED	868 WHITE	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS / ALUMINUM GRID
	ACT4	ACOUSTICAL CEILING TILE	ARMSTRONG	METAL WORKS CLIP ON	AD-2 EFFECTS MACADAMIA	24" X 24"	PERIMETER TRIM SHALL BE BLACK
	P8	PAINT	SHERWIN WILLIAMS	SW7007			
	P9	PAINT	SHERWIN WILLIAMS	--	BLACK		
WALL BASE							
	B1	RESILIENT BASE	TARKETT	COVE	GATEWAY GW TA4	4" H	
	TB1	TILE BASE	TBD	TBD	TBD	5" H	
	QT	QUARRY TILE BASE	AMERICAN OLEAN	FLASHED	FIRE FLASH N02	6" H	
	RB1	RESILIENT BASE	TARKETT	MILLWORK REVEAL	AD-2 GATEWAY TA4	8" H	
	RQ	POURED RESINOUS EPOXY BASE	SHERWIN WILLIAMS - GENERAL POLYMERS	1/4" RESURLOR DECO QUARTZ	MIDNIGHT	5" H	
AD-2 **FLOOR MATERIALS**							
NOTE # 1							
C1	C1a	CARPET TILE	TARKETT	SQUAREUP 04990	ELECTRICITY 71604	24" X 24"	INSTALL: VERTICAL ASHLAR
	C1b	CARPET TILE	MANNINGTON	HUB MODULAR	CUSTOM	24" X 24"	SIX (6) COLOR YARN ADDED
C2	C2a	CARPET TILE	TARKETT	2ND POWER 04987	ELECTRICITY 71604	24" X 24"	INSTALL: VERTICAL ASHLAR
	C2b	CARPET TILE	MANNINGTON	MAINBOARD MODULAR	CUSTOM	24" X 24"	SIX (6) COLOR YARN ADDED
C3	C3a	CARPET TILE	TARKETT	EPITOME 11204	PORTSIDE 36901	24" X 24"	INSTALL: VERTICAL ASHLAR
	C3b	CARPET TILE	MANNINGTON	QUADRANT	INTERVAL 14587	24" X 24"	
C4	C4a	WALK OFF CARPET TILE	TARKETT	ASSERTIVE RIB 04838	BLACKSMITH 26203	24" X 24"	INSTALL: QUARTER TURN
	C4b	WALK OFF CARPET TILE	MANNINGTON	FORCE	KINETIC 11360	18" X 36"	
LVT1	LVTa	LUXURY VINYL TILE	TARKETT	COLOR POP	AD-2 MALT C146	18" X 18"	
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID			
LVT2	LVTa	LUXURY VINYL TILE	TARKETT	COLOR POP	SAND DOLLAR C147	18" X 18"	
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID	FLASH CHARCOAL ALG107	18" X 18"	
LVT3	LVTa	LUXURY VINYL TILE	TARKETT	COLOR POP	SEA SALT C145	18" X 18"	
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID	POP CHARCOAL ALG407	18" X 18"	
LVT4	LVTa	LUXURY VINYL TILE	TARKETT - CONTOUR	MESHWORK	PUMICE 10184	12" X 36"	INSTALL: VERTICAL ASHLAR
	LVTb	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - CRISSCROSS	FLASH ALC101	6" X 36"	
	QT	QUARRY TILE	AMERICAN OLEAN	FLASHED	FIRE FLASH N02		
	SF	SPORTS FLOORING	MONDO	ADVANCE NEW GENERATION	DARK MAPLE		
	RF1	POURED RESINOUS EPOXY FLOORING	SHERWIN WILLIAMS - GENERAL POLYMERS	1/4" RESUFLOR DECO FLAKE	BLUE SHADOW		
	RQ1	POURED RESINOUS EPOXY FLOORING	SHERWIN WILLIAMS - GENERAL POLYMERS	1/4" RESUFLOR DECO QUARTZ	MIDNIGHT		
	SC	SEALED CONCRETE			--	--	
	TZ1	EPOXY TERRAZZO	--	TM 15-2527	--	--	ALT BID. NOTE # 3
	TZ2	EPOXY TERRAZZO	--	TM 117	--	--	ALT BID.
	TZ3	EPOXY TERRAZZO	--	TM 22-310 (WITHOUT GLASS)	--	--	ALT BID.
	TZ4	EPOXY TERRAZZO		25%GEORGIA WHITE #1, 35%GEORGIA WHITE #2, 10%BLACK STALLION #1, 15% GLACEIR GRAY #2, 5% BEIGE GRAY BLEIGE BLEND #2, 10% T&M CRIMSON #1			ALT BID.
	TZ5	EPOXY TERRAZZO		30% REBEL GRAY #1, 30% REBEL GRAY #2, 20% ASH GRAY # 1, 20% ASH GRAY #2			ALT BID.
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS		AGREEABLE GRAY SW7029		
	P2	PAINT	SHERWIN WILLIAMS		MINDFUL GRAY SW7016	--	
	P3	PAINT	SHERWIN WILLIAMS		DORIAN GRAY SW7017	--	
	P4	PAINT	SHERWIN WILLIAMS		CRUSHED ICE SW7647	--	
	P5	PAINT	SHERWIN WILLIAMS		BUTTERFIELD SW6676	--	
	P6	PAINT	SHERWIN WILLIAMS		CUSTOM COLOR	--	
	P7	PAINT	SHERWIN WILLIAMS		GAUNTLET GRAY SW7019	--	
	P8	PAINT	SHERWIN WILLIAMS		--	--	
	P9	PAINT	SHERWIN WILLIAMS		--	--	
	P10	PAINT	SHERWIN WILLIAMS		USEFULL GRAY SW7050	--	
	W1	WALLCOATING	SHERWIN WILLIAMS		AGREEABLE GRAY SW7029	--	
	W2	WALLCOATING	SHERWIN WILLIAMS		MINDFUL GRAY SW7016	--	
	W3	WALLCOATING	SHERWIN WILLIAMS		DORIAN GRAY SW7017	--	
	W4	WALLCOATING	SHERWIN WILLIAMS		CRUSHED ICE SW7647	--	
	W5	WALLCOATING	SHERWIN WILLIAMS		BUTTERFILED SW6676	--	
	W6	NOT USED				--	
	W7	WALLCOATING	SHERWIN WILLIAMS		GAUNTLET GRAY SW7019	--	
	WC1	WALLCOVERING	D.L.COUCH - MOMENTUM	WHAT THE HEMP	GRAPH GRAY AZ53276WP	--	
	WC2	WALLCOVERING	MDC	LEN-TEX, UNIFY	HOURGLASS 7823UN	--	
	WC3	WALLCOVERING	MDC	LEN-TEX, LOOMINOUS	ENTWINE 7439LO	--	
	WC4	GRAPHIC WALLCOVERING	MDC	CUSTOM VINYL SUEDE FINISH	CUSTOM	NOTE # 2	
	GFCMU	GROUNDFACE BLOCK			--	--	ALT. FIELD-APPLIED CLEAR SEALER
	WT1	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	CALM AOT35	3" X 6"	
	WT2	WALL TILE	WOW - SUBWAY LAB	GLOSS	CANALE M PEARL	3" X 6"	
	WT3	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	PASSION AOT19	3" X 6"	
	WT4	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	STORM GRAY AOT40	3" X 6"	
	WT5	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	DEPENDABLE AOT53	3" X 6"	
	WT6	WALL TILE	AMERICAN OLEAN - COLOR STORY	GLOSS	STABLE AOT55	3" X 6"	
	WT7	WALL TILE	CROSSVILLE	SHADES 2.0	HAZE SHD47 SPO	24" X 24"	
	WT8	WALL TILE	CROSSVILLE	SHADES 2.0	CLAY SHD45 PTN	12" X 24"	
SURFACE MATERIALS							
	PL1	PLASTIC LAMINATE	FORMICA	MATTE	SARUM TWILL 8827-58	--	
	PL2	PLASTIC LAMINATE	NEVAMAR	TEXTURED	PHANTOM GRAY MATRIX MR6007-T	--	
	PL3	PLASTIC LAMINATE	FORMICA	MATTE	FOLKSTONE GRAFIX 507-58	--	
	PL4	PLASTIC LAMINATE	FORMICA	MATTE	NEW BURGUNDY 7966-58	--	
	PL5	PLASTIC LAMINATE	PIONITE	TEXTURED / SUEDE	GRAVEYARD OF THE ATLANTIC AG611	--	
	PL6	PLASTIC LAMINATE	NEVAMAR	TEXTURED	STUDIO WHITE MATRIX MR7001T	--	
	PL7	PLASTIC LAMINATE	WILSONART	MATTE	CARBON EV 4820-60	--	
	PL8	PLASTIC LAMINATE	NEVAMAR	TEXTURED	CINDER GRAY MATRIX MR6006T		
	PL9	PLASTIC LAMINATE	PIONITE	SUEDE	WHITE ELM WE261		
	PL10	PLASTIC LAMINATE	NEVAMAR	TEXTURED	YUNNAN WZ0063T		
	SS1	SOLID SURFACE	CORIAN	--	PEARL GRAY	--	
	SS2	SOLID SURFACE	CORIAN	--	EVEREST	--	
	SS3	SOLID SURFACE	CORIAN	--	DEEP BEDROCK		
MISCELLANEOUS							
	AR-AWP1	ACOUSTICAL PANEL		"TECTUM"	AGREEABLE GRAY SW7029	--	
	AR-AWP2	ACOUSTICAL PANEL		"TECTUM"	DORIAN GRAY SW7017	--	
	AR-AWP3	ACOUSTICAL PANEL		"TECTUM"	BUTTERFILED SW6676	--	
	FW-AWP1	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	OPAL 394	--	
	FW-AWP2	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	GREY MIX 238	--	
	FW-AWP3	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	MEDIUM GREY 298	--	
	FW-AWP4	ACOUSTICAL PANEL	GUILFORD OF MAINE	FR701 2100	SUNSHINE 797	--	
	ST	STAIR TREAD / RISERS	AD-2 TARKETT	ROPE	AD-2 GATEWAY TA4	--	
	CUB	CUBICLE CURTAIN	MAHARAM	SEMAPHORE 511442	SOLACE 001	--	
	LOC	LOCKERS	LYON	--	STONE GRAY 7030-77	--	MATCHING SLOPED TOPS
	TRIM 1	TILE TRIM 1	SCHLUTER		SATIN ANODIZED ALUMINUM	--	VERTICAL EDGE INSTALL
	TRIM 2	TILE TRIM 2	SCHLUTER		SATIN ANODIZED ALUMINUM	--	VERTICAL OUTSIDE CORNER INSTALL
	WD	WOOD DOORS	MARSHFIELD		AD-2 RED OAK CLEAR D-95	--	BASIS OF DESIGN
	ST1	WOOD FINISH	--	--	CUSTOM	--	MATCH WOOD DOOR COLOR
	TP	TOILET PARTITIONS	HINDY HIDERS	ORANGE PEEL	SHALE	--	--
	CG1	CORNER GUARD	--	--	--	--	
		STAGE CURTAIN	KM FABRICS	--	BLACK	--	--
		CYCLORAMA CURTAIN	KM FABRICS		BLACK		
		BLEACHER SEAT	HUSSEY SEATING		BURGUNDY 504		
AD-2	RS	WINDOW SHADE	MECHO		STONE 6018		

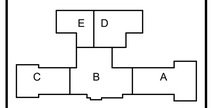
NOTES :
1. IT IS INTENDED THAT ALL FINISHES WITH MULTIPLE MANUFACTURER OPTIONS SHOULD BE BID AS AN "A" OR "B" PACKAGES ONLY.
2. CONTRACTOR TO PROVIDE FIELD MEASURMENTS. GRAPHIC FROM ARCHITECT, (2) TWO CUSTOM COLOR MATCHES, ELECTRONIC PROOF AND STRIKE-OFF SAMPLE REQUIRED FOR ARCHITECT'S APPROVAL.
3. TERRAZZO FORMULAS AND TM NUMBERS ARE PROVIDED FOR PRICING PURPOSES. CONTRACTOR TO WORK WITH ARCHITECT FOR FINAL FORMULAS; SAMPLES AND REVISIONS WILL BE REQUIRED.

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN NORTH

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MLR
DRAWN BY
CLN
CHECKED BY
NAS

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
FINISH LEGEND AND NOTES

PROJECT
NEW YOST ELEMENTARY SCHOOL

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A-820

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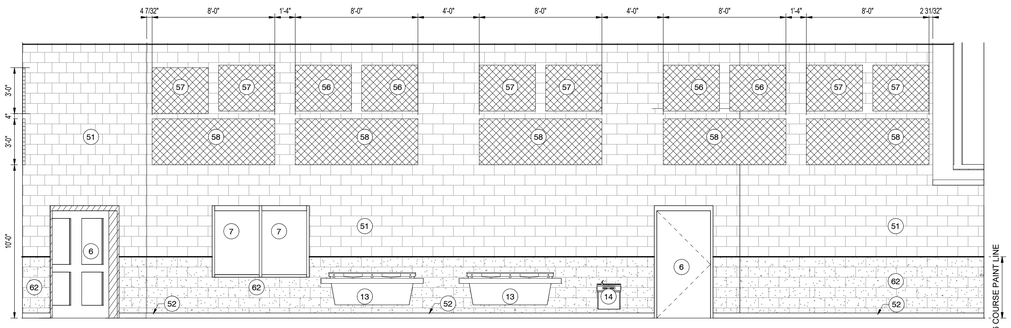
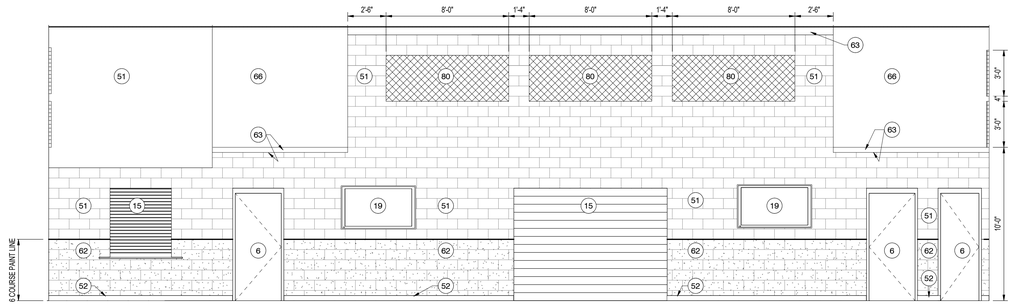
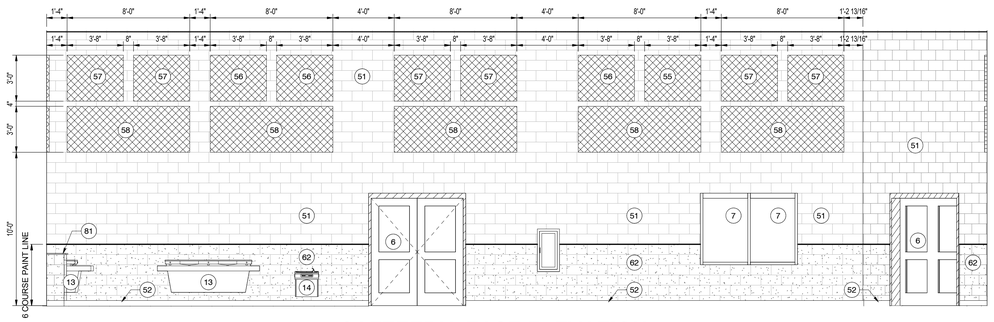


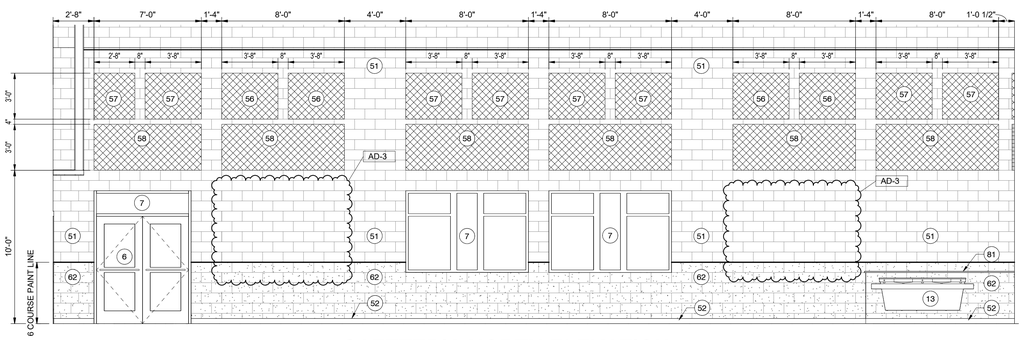
4 A-861 CAFETERIA SOUTH ELEVATION
1/4" = 1'-0"



3 A-861 CAFETERIA WEST ELEVATION
1/4" = 1'-0"



2 A-861 CAFETERIA EAST ELEVATION
1/4" = 1'-0"



1 A-861 CAFETERIA NORTH ELEVATION
1/4" = 1'-0"

GENERAL INTERIOR ELEVATION NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE EQUIPMENT PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.

C. 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 ACCPETED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.

E. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.

F. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.

INTERIOR ELEVATION NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN)

AD-1

1. BLEACHERS, REFER TO EQUIPMENT PLANS.
2. LOCKERS, REFER TO EQUIPMENT PLANS.
3. BASKETBALL BACKSTOP, REFER TO EQUIPMENT PLANS.
4. SAFETY CUSHION WAINSCOT WITH SCHOOL GRAPHIC TBD, REFER TO EQUIPMENT PLANS.
5. SCOREBOARD, REFER TO EQUIPMENT PLANS.
6. DOOR
7. TRANSLUCENT WALL PANELS.
8. EXPOSED STRUCTURE AND ROOF DECK, PAINT P8, MECHANICAL DUCT BELOW TRUSS PAINT P4.
9. WALL MOUNTED TV MONITOR, REFER TO EQUIPMENT PLANS. WALL MOUNTED MARKERBOARDS, REFER TO EQUIPMENT PLANS.
10.
11. MOVEABLE PARTITION.
12. LOUVRE.
13. HAND-WASHING STATION.
14. DRINKING FOUNTAIN.
15. ROLLING SERVICE DOOR. WALL MOUNTED TACKBOARDS, REFER TO EQUIPMENT PLANS.
16. MEDIA SHELVING.
17.
18. LOCKERS.
19. TV, REFER TO TECHNOLOGY AND ELECTRICAL DRAWINGS.

INTERIOR ELEVATION FINISH NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN)

50. WALLCOATING. W1
51. PAINT, P1
52. WALL BASE, B1
53. ACOUSTICAL WALL PANEL, AR-AWP1
54. ACOUSTICAL WALL PANEL, AR-AWP2
55. ACOUSTICAL WALL PANEL, AR-AWP3
56. ACOUSTICAL WALL PANEL, FW-AWP1
57. ACOUSTICAL WALL PANEL, FW-AWP2
58. ACOUSTICAL WALL PANEL, FW-AWP3
59. WALL TILE, WT1
60. BASE BID: WALLCOATING, W1 ALT. GFCMU
61. WALLCOVERING, WC1
62. PAINT, P2
63. PAINT, P3
64. PAINT, P4
65. PAINT, P5
66. PAINT, P6
67. WALLCOATING, W2
68. WALLCOATING, W3
69. WALL TILE, WT1
70. WALL TILE, WT2
71. WALL TILE, WT3
72. WALL TILE, WT4
73. WALL TILE, WT5
74. WALL TILE, WT6
75. WALL TILE, WT7
76. WALL TILE, WT8
77. WALLCOATING, W7
78. V JOINT
79. WALL BASE RB1
80. ACOUSTICAL WALL PANEL FW-AWP4
81. SOLID SURFACE, SS1
82. SCHLUTER TRIM
83. WALL BASE, RQ
84. WOOD TRIM

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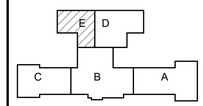
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN

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PROJECT
21-134
DATE
03/31/2022
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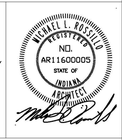
NAS



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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
INTERIOR ELEVATION - CAFETERIA

PROJECT
NEW YOST ELEMENTARY SCHOOL

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A-861

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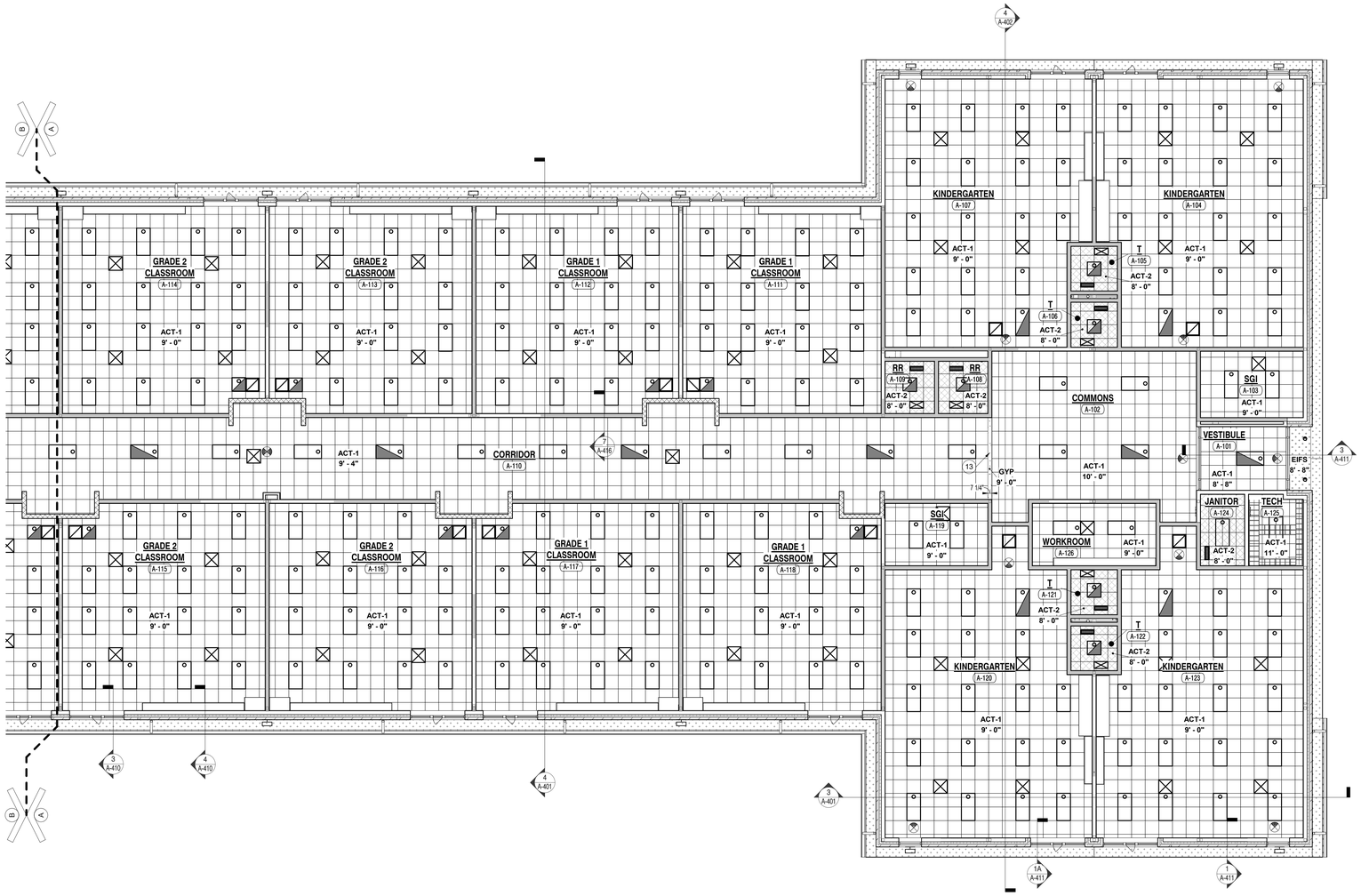

1 A-901 UNIT "A" FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

NORTH

GENERAL NOTES

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

B. THE ARCHITECTURAL REFLECTED CEILING PLANS 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 FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.

F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.

G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

J. REFER TO FINISH LEGEND FOR ACOUSTICAL CEILING TILE BASIS OF DESIGN. WHERE 2X4 "SECOND LOOK" TILE IS SPECIFIED INSTALL AS REQUIRED TO ACHIEVE 2X2 LOOK AS SHOWN.

CEILING LEGEND AD-3

- ACT-1
- ACT-2
- ACT-3
- ACT-4
- LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- EIFS SOFFIT - REFER TO ELEVATIONS FOR COLOR
- GYPSUM BOARD CEILING OR BULKHEAD. REFER TO TYPICAL BULKHEAD DETAILS (2 / A-905) AND WALL SECTIONS

REFLECTED CEILING PLAN KEYED NOTES:

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

1. OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
2. GYM EQUIPMENT (TYPICAL), REFER TO EQUIPMENT DRAWINGS.
3. APPOXIMATE POSITION OF RETRACTED BASKETBALL GOAL.
4. CMU LINTEL AT 108'-8".
5. PROJECTION SCREEN. REFER TO TECHNOLOGY DRAWINGS AND DETAIL. (16 / A-502)
6. 4"X4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID.
7. ALTERNATE: OPERABLE PARTITION.
8. ALTERNATE: OPERABLE PARTITION. BASE BID: STAGE CURTAIN AND VALANCE.
9. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL CANOPY. REFER TO FLOOR PLAN FOR BASE BID OR ALTERNATE.
10. WOOD TRIM. (3 / A-905)
11. INSTALL CEILING GRID WITH FULL TILE ALONG THIS WALL.
12. EXHAUST HOOD, NO CEILING REQUIRED. COORDINATE EXACT SIZE AND LOCATION WITH KITCHEN AND MECHANICAL DRAWINGS.
13. GYPSUM BOARD BULKHEAD. (2 / A-905)
14. INSTALL ACT-1 WITHIN AND OMIT CEILING PADS OUTSIDE OF HATCHED AREAS IN THIS ROOM. GRID TO BE CONTINUOUS (AD-3)
15. CMU LINTEL AT 107'-4" (AD-1)

GENERAL REFLECTED CEILING FINISH NOTES:

A. UNLESS NOTED OTHERWISE, GYPSUM BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P?

B. UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURE, DECK, MECHANICAL, AND ELECTRICAL TO BE PAINTED P?

REFLECTED CEILING FINISH NOTES:

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

1. PAINT EXPOSED CANOPY STEEL TO MATCH FASCIA AND COPING METAL COLOR A ON ALL EXPOSED SIDES.
2. PAINT EXPOSED CANOPY DECK P10 ON ALL EXPOSED SIDES.
3. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P8 ON ALL EXPOSED SIDES.
4. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P9 ON ALL EXPOSED SIDES.
5. PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
6. PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
7. PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
8. PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.

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PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
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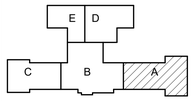

KEY PLAN

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "A" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET A-901

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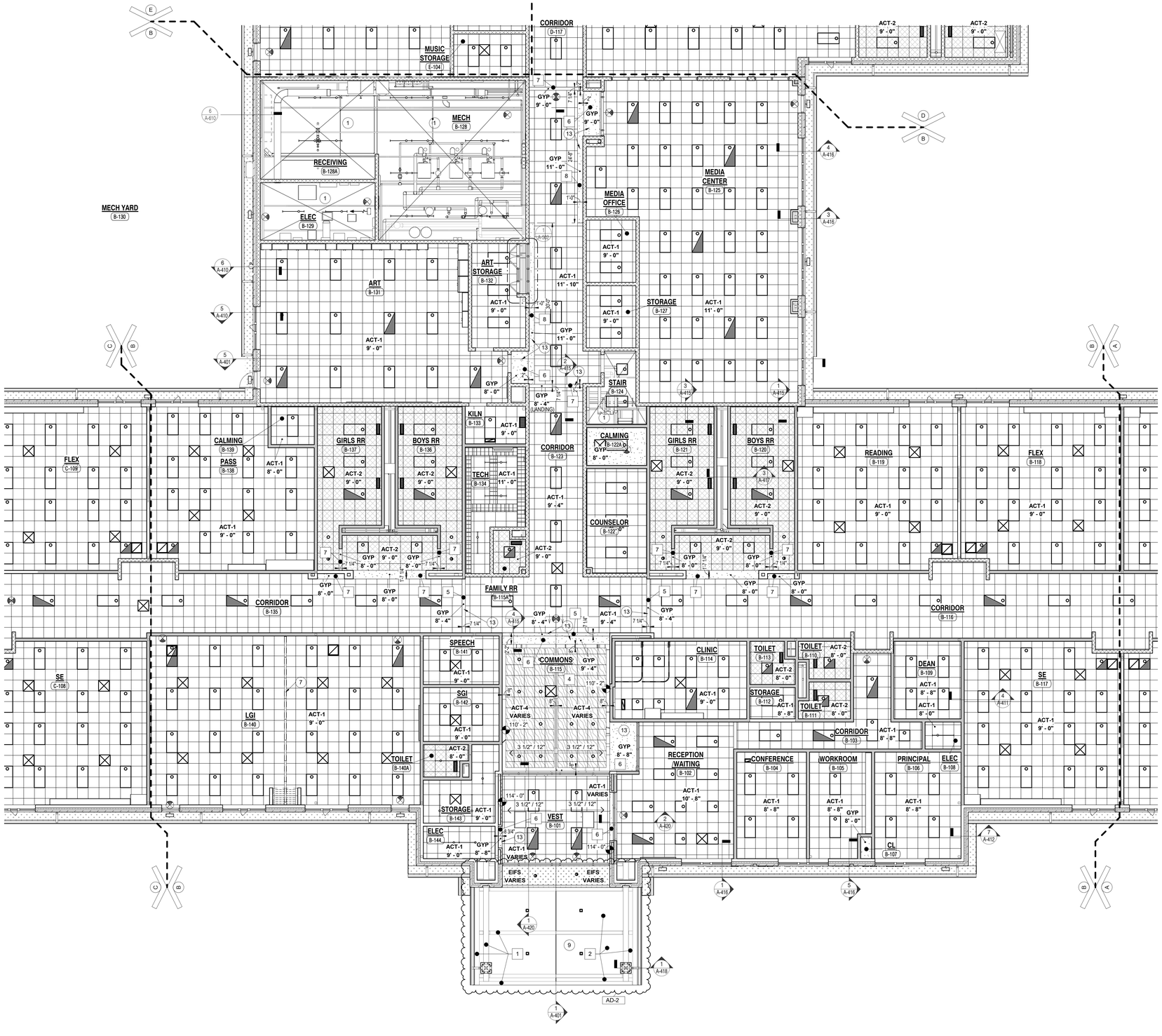
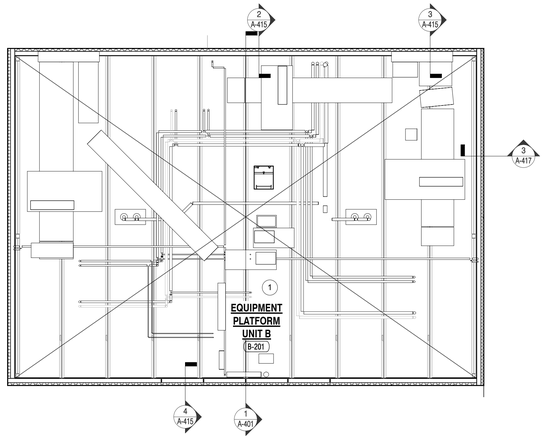
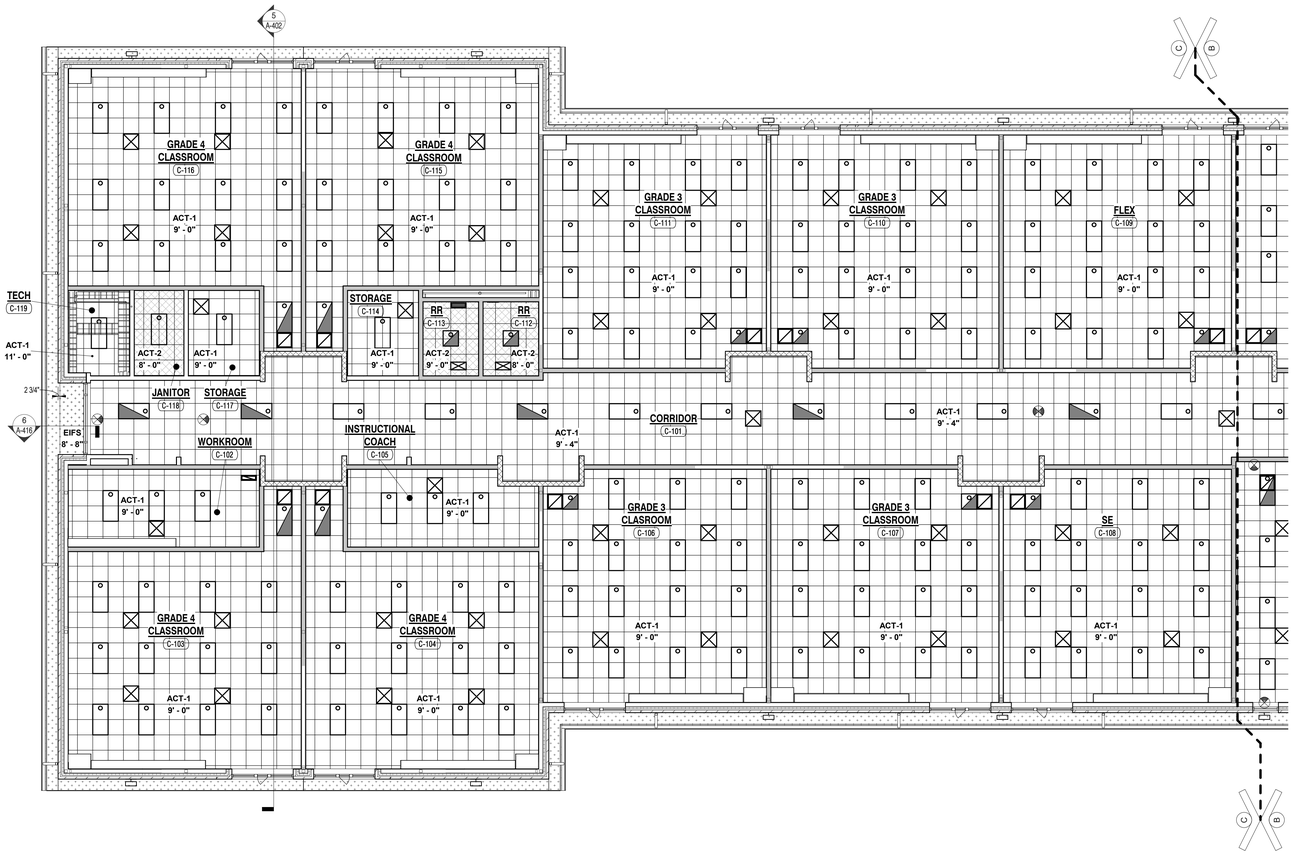

MUSIC STORAGE E-104
CORRIDOR D-117
MECH B-128
RECEIVING B-128A
MECH YARD B-130
ELEC B-129
ART B-131
ART STORAGE B-132
MEDIA CENTER B-125
MEDIA OFFICE B-126
STORAGE B-127
STAIR B-124
KILN B-133
CORRIDOR B-123
CALMING B-122A
COUNSELOR B-122
GIRLS RR B-121
BOYS RR B-120
READING B-119
FLEX B-118
FLEX C-109
CALMING B-139
PASS B-138
GIRLS RR B-137
BOYS RR B-136
TECH B-134
CORRIDOR B-135
FAMILY RR B-115A
CORRIDOR B-116
SPEECH B-141
SGI B-142
LGI B-140
TOILET B-140A
STORAGE B-143
ELEC B-144
SE C-108
COMMONS B-115
CLINIC B-114
TOILET B-113
TOILET B-110
STORAGE B-112
TOILET B-111
CORRIDOR B-103
DEAN B-109
SE B-117
RECEPTION /WAITING B-102
CONFERENCE B-104
WORKROOM B-105
PRINCIPAL B-106
ELEC B-108
CL B-107
VEST B-101
ACT-1 9' - 0"
ACT-1 11' - 0"
ACT-1 10' - 8"
ACT-1 8' - 8"
ACT-2 9' - 0"
ACT-2 8' - 0"
ACT-4 VARIES
GYP 9' - 0"
GYP 8' - 0"
GYP 8' - 4"
GYP 8' - 8"
GYP 11' - 0"
GYP 9' - 4"
GYP 8' - 4" (LANDING)
EIFS VARIES
3 1/2" / 12"
114' - 0"
110' - 2"
24'-8"
7 1/4"
5 3/4"
1'-0"
2'-0"
MECH YARD
SE
SE
CORRIDOR
CORRIDOR
CORRIDOR



2 A-903 UNIT "B" MEZZANINE REFLECTED CEILING PLAN

1/8" = 1'-0"



1 A-903 UNIT "C" FIRST FLOOR REFLECTE CEILING PLAN

1/8" = 1'-0"

GENERAL NOTES

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

B. THE ARCHITECTURAL REFLECTED CEILING PLANS 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 FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.

F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.

G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

J. REFER TO FINISH LEGEND FOR ACOUSTICAL CEILING TILE BASIS OF DESIGN. WHERE 2X4 "SECOND LOOK" TILE IS SPECIFIED INSTALL AS REQUIRED TO ACHIEVE 2X2 LOOK AS SHOWN.

CEILING LEGEND

AD-3

- ACT-1
- ACT-2
- ACT-3
- ACT-4
- LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- EIFS SOFFIT - REFER TO ELEVATIONS FOR COLOR
- GYPSUM BOARD CEILING OR BULKHEAD. REFER TO TYPICAL BULKHEAD DETAILS (2 / A-905) AND WALL SECTIONS

REFLECTED CEILING PLAN KEYED NOTES:

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

1. OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
2. GYM EQUIPMENT (TYPICAL), REFER TO EQUIPMENT DRAWINGS.
3. APPROXIMATE POSITION OF RETRACTED BASKETBALL GOAL.
4. CMU LINTEL AT 108'-8".
5. PROJECTION SCREEN, REFER TO TECHNOLOGY DRAWINGS AND DETAIL. — 16 / A-502
6. 4"X4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID.
7. ALTERNATE: OPERABLE PARTITION.
8. ALTERNATE: OPERABLE PARTITION. BASE BID: STAGE CURTAIN AND VALANCE.
9. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL CANOPY. REFER TO FLOOR PLAN FOR BASE BID OR ALTERNATE.
10. WOOD TRIM. — 3 / A-905
11. INSTALL CEILING GRID WITH FULL TILE ALONG THIS WALL.
12. EXHAUST HOOD, NO CEILING REQUIRED. COORDINATE EXACT SIZE AND LOCATION WITH KITCHEN AND MECHANICAL DRAWINGS.
13. GYPSUM BOARD BULKHEAD. — 2 / A-905
14. INSTALL ACT-1 WITHIN AND OMIT CEILING PADS OUTSIDE OF HATCHED AREAS IN THIS ROOM. GRID TO BE CONTINUOUS. — AD-3
15. CMU LINTEL AT 107'-4". — AD-1

GENERAL REFLECTED CEILING FINISH NOTES:

A. UNLESS NOTED OTHERWISE, GYPSUM BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P?

B. UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURE, DECK, MECHANICAL, AND ELECTRICAL TO BE PAINTED P?

REFLECTED CEILING FINISH NOTES:

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2. PAINT EXPOSED CANOPY DECK P10 ON ALL EXPOSED SIDES.
3. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P8 ON ALL EXPOSED SIDES.
4. PAINT ROOF DECK, STRUCTURE, PIPING, CONDUIT, AND DUCTWORK P9 ON ALL EXPOSED SIDES.
5. PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
6. PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
7. PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
8. PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.

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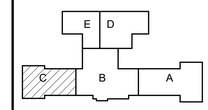
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JMG
DRAWN BY
JMG
CHECKED BY
MLR

MICHAEL L. ROUSEY
REGISTERED
ND,
AR11600005
STATE OF
INDIANA
ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "C" FIRST FLOOR REFLECTED CEILING PLAN AND UNIT "B" MEZZANINE REFLECTED CEILING PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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C

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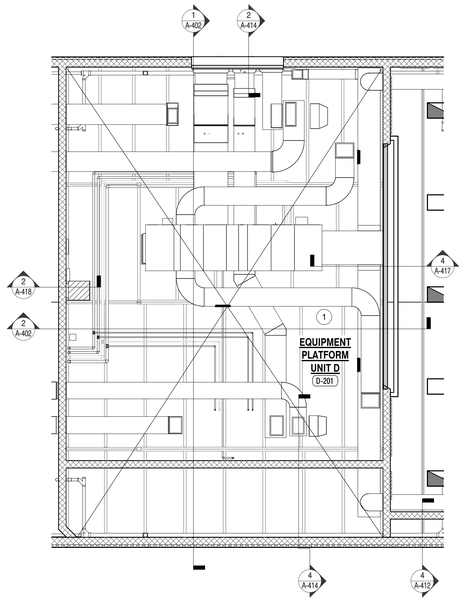
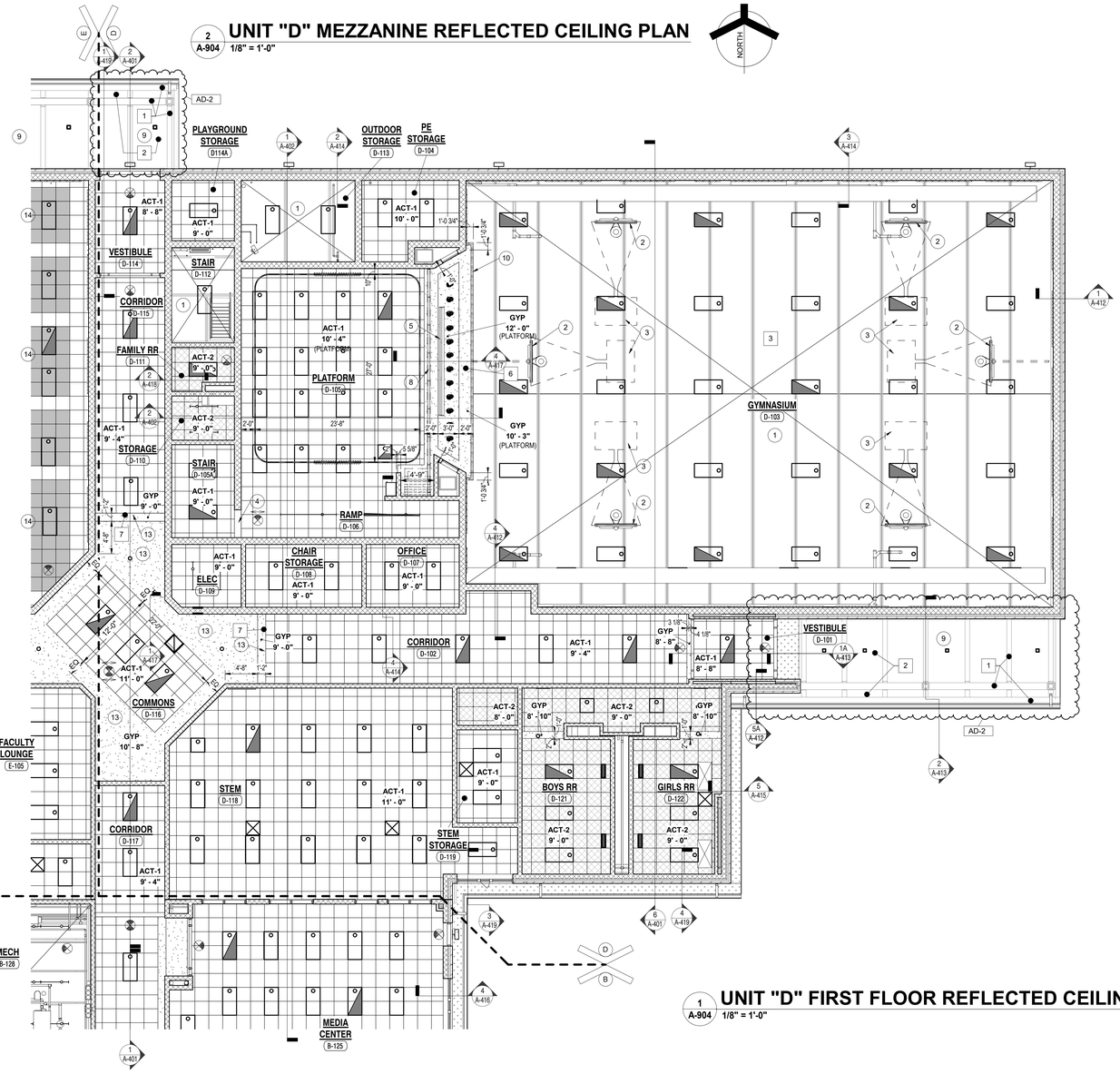


2 A-904 UNIT "D" MEZZANINE REFLECTED CEILING PLAN
1/8" = 1'-0"



1 A-904 UNIT "D" FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL NOTES

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

B. THE ARCHITECTURAL REFLECTED CEILING PLANS 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 FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.

F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.

G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

J. REFER TO FINISH LEGEND FOR ACOUSTICAL CEILING TILE BASIS OF DESIGN. WHERE 2X4 "SECOND LOOK" TILE IS SPECIFIED INSTALL AS REQUIRED TO ACHIEVE 2X2 LOOK AS SHOWN.

CEILING LEGEND

AD-3

- ACT-1
- ACT-2
- ACT-3
- ACT-4
- LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- EIFS SOFFIT - REFER TO ELEVATIONS FOR COLOR
- GYPSUM BOARD CEILING OR BULKHEAD. REFER TO TYPICAL BULKHEAD DETAILS (2 / A-905) AND WALL SECTIONS

REFLECTED CEILING PLAN KEYED NOTES:

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1. OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
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3. APPROXIMATE POSITION OF RETRACTED BASKETBALL GOAL.
4. CMU LINTEL AT 108'-8".
5. PROJECTION SCREEN, REFER TO TECHNOLOGY DRAWINGS AND DETAIL. — 16 / A-902
6. 4"X4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID.
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8. ALTERNATE: OPERABLE PARTITION. BASE BID: STAGE CURTAIN AND VALANCE.
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15. CMU LINTEL AT 107'-4". — AD-1

GENERAL REFLECTED CEILING FINISH NOTES:

A. UNLESS NOTED OTHERWISE, GYPSUM BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P?

B. UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURE, DECK, MECHANICAL, AND ELECTRICAL TO BE PAINTED P?

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5. PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
6. PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
7. PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
8. PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.

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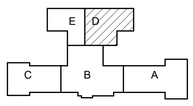
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



KEY PLAN — NORTH

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROSSLER — NO. AR11600005 — STATE OF INDIANA — REGISTERED ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "D" FIRST FLOOR AND MEZZANINE REFLECTED CEILING PLANS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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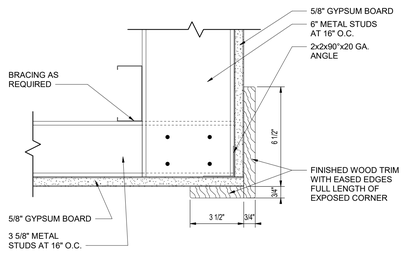
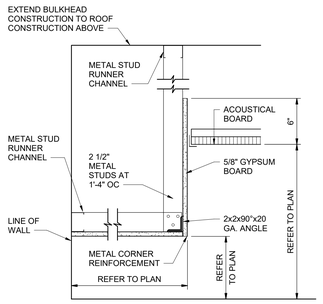
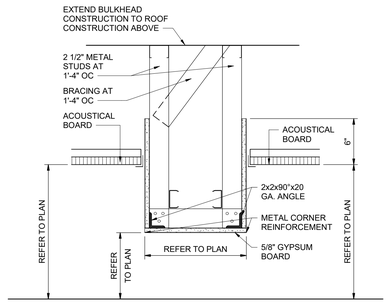


3 A-905 WOOD CORNER TRIM DETAIL

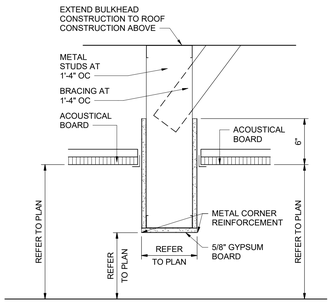
3" = 1'-0"



DETAIL "C"



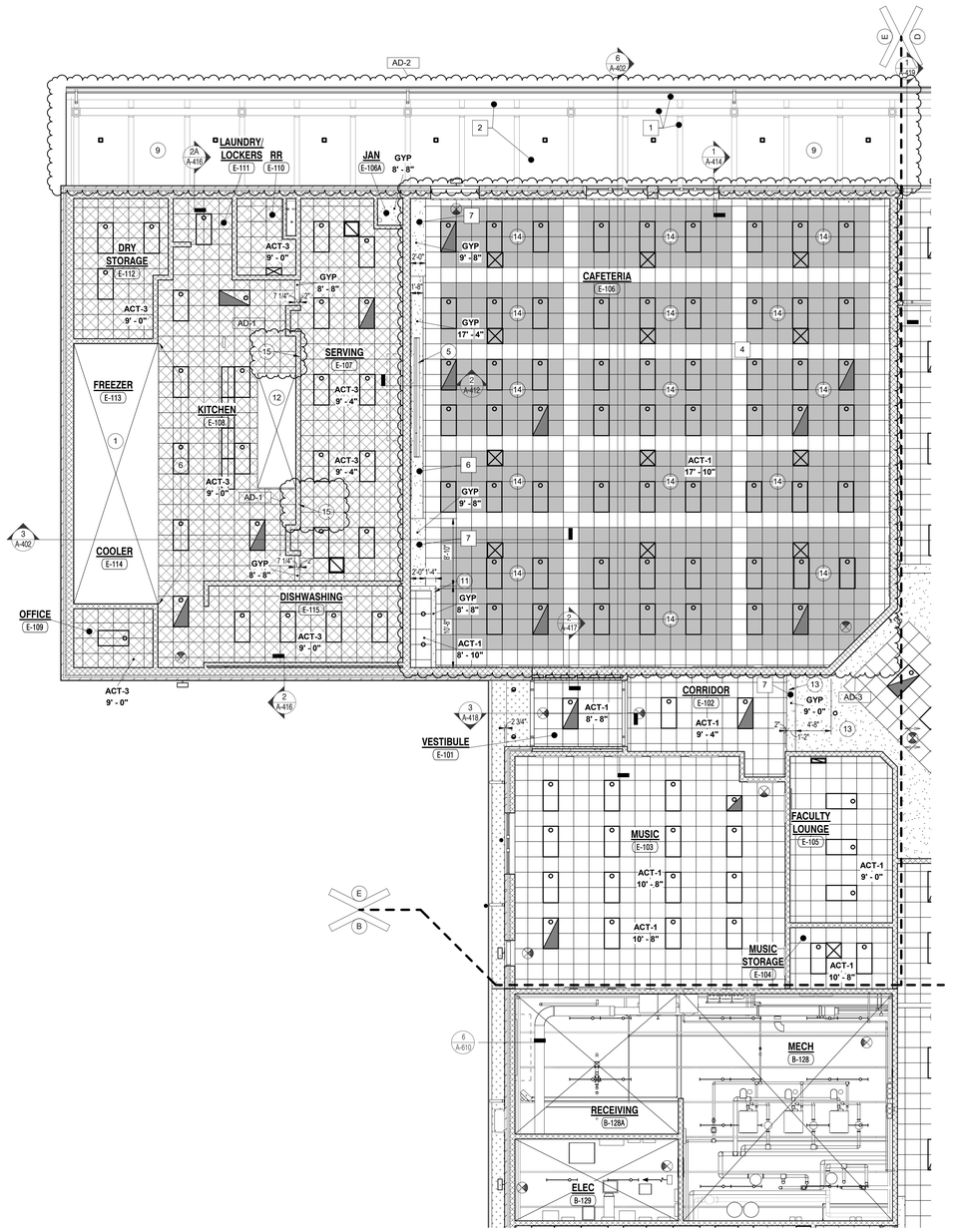
DETAIL "B"



DETAIL "A"

2 A-905 TYPICAL GYPSUM BOARD BULKHEAD DETAILS

1 1/2" = 1'-0"



1 A-905 UNIT "E" FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

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CEILING LEGEND

AD-3

- ACT-1
- ACT-2
- ACT-3
- ACT-4
- LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
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13. GYPSUM BOARD BULKHEAD. (2 / A-905)
14. INSTALL ACT-1 WITHIN AND OMIT CEILING PADS OUTSIDE OF HATCHED AREAS IN THIS ROOM. GRID TO BE CONTINUOUS. (AD-3)
15. CMU LINTEL AT 107'-4". (AD-1)

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5. PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
6. PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
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PROJECT:

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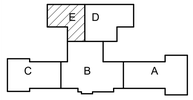

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JMG
DRAWN BY JMG
CHECKED BY MLR

MICHAEL L. ROSSER — NO. AR11600005 — STATE OF INDIANA — REGISTERED ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	4/14/2022	ADDENDUM 1
AD-2	4/21/2022	ADDENDUM 2
AD-3	4/28/2022	ADDENDUM 3

DRAWING
UNIT "E" FIRST FLOOR REFLECTED CEILING PLAN AND DETAILS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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E-504	ELECTRICAL PANEL SCHEDULES
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21-134
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03/31/2022
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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/28/2022	ADDENDUM 3

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SHEET INDEX - VOLUME 2

PROJECT
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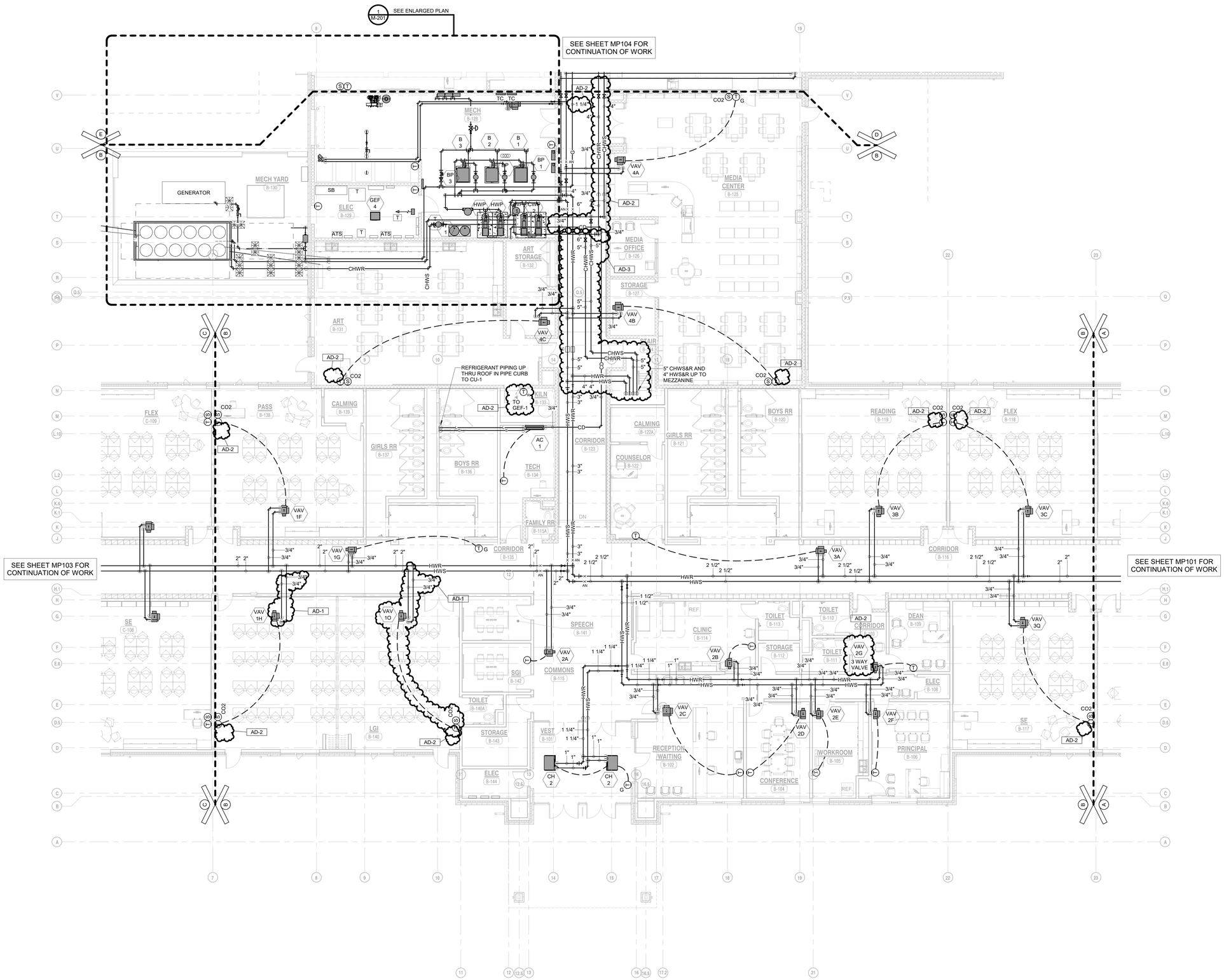

1 UNIT "B" MECHANICAL PIPING FIRST FLOOR PLAN

1/8" = 1'-0"

NORTH

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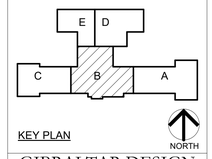

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DATE 03/31/2022
COORDINATED BY JC
DRAWN BY BAK
CHECKED BY DJ

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

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AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2
AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
UNIT "B" MECHANICAL PIPING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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B
MP102

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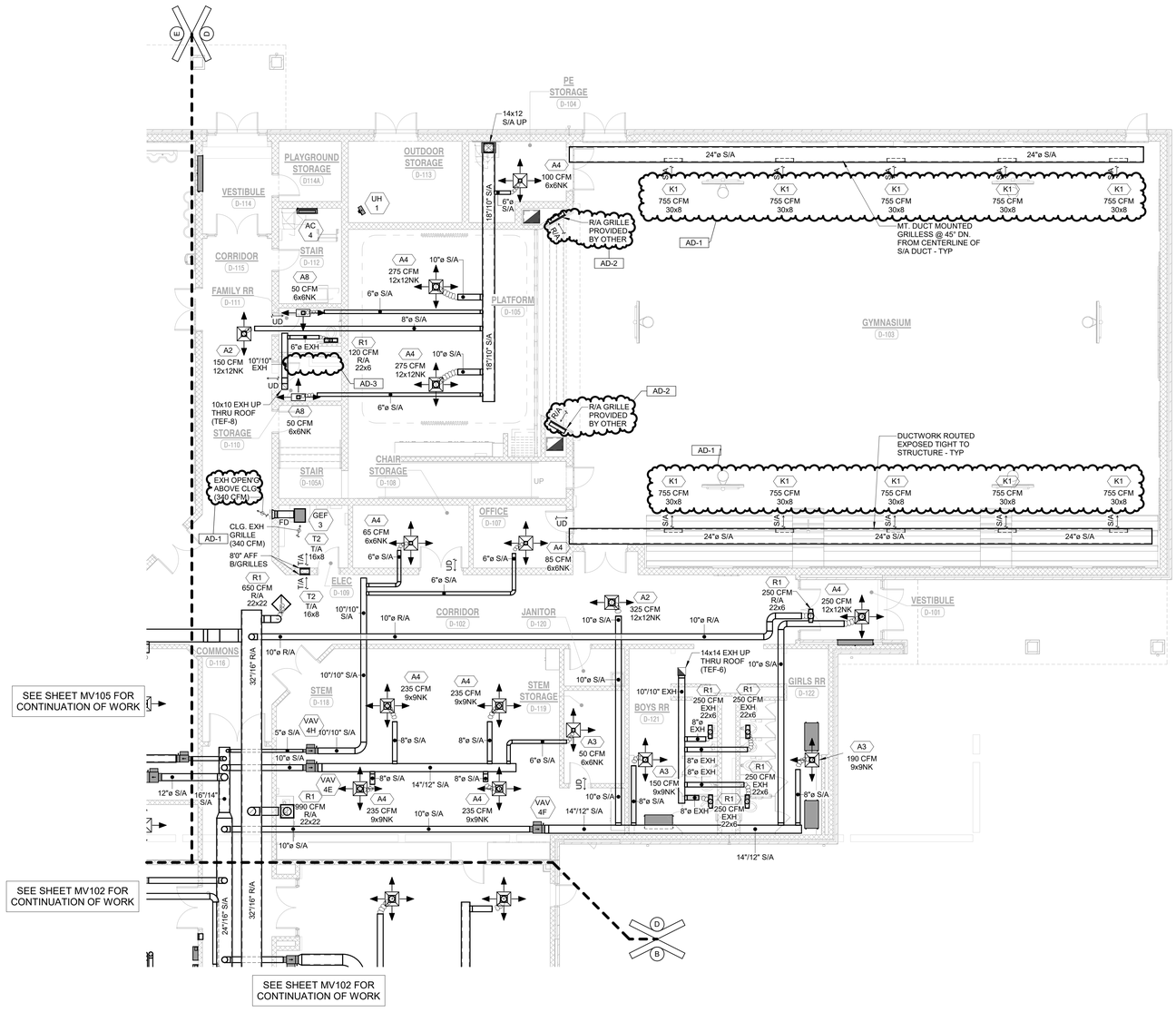

1 MV104 UNIT "D" MECHANICAL VENTILATION FIRST FLOOR PLAN

1/8" = 1'-0"

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DRAWING
UNIT "D" MECHANICAL VENTILATION FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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D

SHEET MV104

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MECHANICAL EQUIPMENT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN MOTOR DATA								EXHAUST FANS					DX COOL'G DATA			CHILLED WATER COOLING EQUIPMENT/COIL DATA							HOT WATER HTG EQUIP/COIL DATA							HOT WATER PREHEATING COIL DATA							ELECTRICAL DATA								UNITS	EQUIP	REMARKS
					MIN OA! CFM																																												CTRL'D	WEIGHT	
				CFM	HIGH	LOW	TSP	ESP	BHP	HP	RPM	CFM	ESP	BHP	HP	RPM	MBH	CAT	STAGES	MBH	EWT	LWT	WPD	CAT	MBH	(IN)	MBH (OUT)	GPM	EAT	LAT	EUT	LUT	MAX WPD	MBH (OUT)	GPM	EAT	LAT	EUT	LUT	MAX WPD	HP	MCA	FLA	AMPS	MOCP	VOLT	PH	HZ	STARTER: MC.	STARTER: EC.	BY		
C-1	TRANE	RTAC-275	GRADE MOUNTED AIR COOLED CHILLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	=	=	=	478	=	-	-	-	54	44	20	95	-	-	-	-	-	-	-	-	-	-	-	413	-	-	500	480	3	60	X	-	FMS	21050	NOTE 1
B-1	CAMUS	ARH1500	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	15	480	3	60	X	-	FMS	1530	NOTE 2
B-2	CAMUS	ARH1500	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	1416	142	-	-	160	180	30	-	-	-	-	-	-	-	8	-	15	480	3	60	X	-	FMS	1530	NOTE 2
B-3	CAMUS	ARH1500	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1500	1416	142	-	-	160	180	30	-	-	-	-	-	-	-	8	-	15	480	3	60	X	-	FMS	1530	NOTE 2
AH-1	TRANE	CSAA021	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	11950	5915	1200	-	2.2	23.3	(2) 15	3298	-	-	-	-	-	-	-	-	628	422	125	83.3	68.4	51.3	51.1	44	54	12	95	-	-	-	-	-	-	-	-	-	-	-	71.0	-	-	110	480	3	60	X	-	FMS	5470	NOTE 3
				-	-	-	-	-	-	-	-	11950	1.9	12.1	(2) 7.5	2464	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS		
AH-2	TRANE	CSAA006	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	3425	880	-	-	1.8	5.22	7.5	3693	-	-	-	-	-	-	-	-	139	107	27.7	19.5	64.8	51.2	50.8	44	54	12	95	-	-	-	-	-	-	-	127	12.8	40	7.4	180	160	12	-	18.6	-	-	25	480	3	60	X	-	FMS	2520	NOTE 3
				-	-	-	-	-	-	-	-	3425	1.4	2.16	3	2650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS		
AH-3	TRANE	CSAA025	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	14750	7800	1475	-	2.2	24.5	(2) 15	2673	-	-	-	-	-	-	-	-	794	528	158	83.9	68.9	51.3	51.2	44	54	12	95	-	-	-	-	-	-	-	880	87.8	2.6	57	180	160	12	-	77.0	-	-	110	480	3	60	X	-	FMS	6243	NOTE 3
				-	-	-	-	-	-	-	-	14750	1.9	16.4	(2) 10	2339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS		
AH-4	TRANE	CSAA017	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV	8150	2950	815	-	2	12	(2) 7.5	3071	-	-	-	-	-	-	-	-	369	274	73.5	81.5	66.2	50.9	50.8	44	54	12	95	-	-	-	-	-	-	-	512	51.1	24	82	180	160	12	-	35.9	-	-	50	480	3	60	X	-	FMS	4395	NOTE 3
				-	-	-	-	-	-	-	-	8150	1.6	5.42	(2) 3	1882	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS		
AH-5	TRANE	CSAA006	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - CAV	3500	790	200	-	1.5	5.08	7.5	3324	-	-	-	-	-	-	-	-	147	105	29.3	18.4	65.2	51.1	50.8	44	54	12	95	-	140	14	53	90	180	160	12	-	-	-	-	-	-	-	13.7	-	-	20	480	3	60	X	-	FMS	2417	NOTE 3
				-	-	-	-	-	-	-	-	3500	1	1.71	2	1980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS		
AH-6	TRANE	CSAA035	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - CAV	9250	5100	925	-	1.2	16	(2) 10	-	-	-	-	-	-	-	-	-	508	329	102	83.5	69.1	51.2	51.1	44	54	12	95	-	622	62.1	28	90	180	160	12	-	-	-	-	-	-	-	43.4	-	-	70	480	3	60	X	-	FMS	8672	NOTE 3
				-	-	-	-	-	-	-	-	9250	0.8	5.52	(2) 3	1898	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS		
AH-7	TRANE	CSAA008	INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - CAV	3600	2770	360	-	1.8	4.36	5	2636	-	-	-	-	-	-	-	-	248	149	49.4	87.3	71.8	49.3	49.2	44	54	12	95	-	324	30.3	11	90	180	160	12	-	-	-	-	-	-	-	13.7	-	-	20	480	3	60	X	-	FMS	2770	NOTE 3
				-	-	-	-	-	-	-	-	3600	1	1.67	2	1976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FMS		
TEF-1	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	300	Ø.5	Ø.06	1/4	1286	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	FMS	60	NOTE 4
TEF-2	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1680	Ø.6	Ø.45	1	1120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	FMS	100	NOTE 4
TEF-3	TWIN CITY	DCRD-160	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1440	Ø.6	Ø.37	1	1049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	FMS	100	NOTE 4
TEF-4	TWIN CITY	DCRD-120	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	880	Ø.6	Ø.19	1/2	1442	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	-	X	FMS	70	NOTE 4
TEF-5	TWIN CITY	DCRD-095	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	390	Ø.6	Ø.093	1/4	1473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	FMS	60	NOTE 4
TEF-6	TWIN CITY	DCRD-120	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	1120	Ø.6	Ø.25	1/2	1512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	120	1	60	-	X	FMS	70	NOTE 4
TEF-7	TWIN CITY	DCRD-085	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	-	-	185	Ø.5	Ø.024	1/6	1277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	-	X	FMS	AD-3	60	NOTE 4
TEF-8	TWIN CITY	DCRD-060	ROOF MOUNTED TOILET EXHAUST FAN	-	-	-	-	-	-	AD-3	-	120	Ø.4	Ø.021	1/6	1603	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	120	1	60	-	X	AD-2	FMS	50	NOTE 4
GEF-1	TWIN CITY	DCRD-095	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	400	Ø.6	Ø.093	1/4	1449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	120	1	60	-	X	REV ACT'G TSTAT		60	NOTE 4
GEF-2	TWIN CITY	DCRD-160	ROOF MOUNTED GENERAL EXHAUST FAN	-	-	-	-	-	-	-	-	1620	Ø.6	Ø.43	1	1088	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	WALL SWITCH		100	NOTE 4
GEF-3	TWIN CITY	T-900	CEILING SUSPENDED GENERAL EXHAUST FAN W/ INTERAL GRILLE	-	-	-	-	-	-	-	-	340	Ø.5	Ø.16	1/2	473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	120	1	60	-	X	REV ACT'G TSTAT		50	NOTE 5
GEF-4	TWIN CITY	T-1500	CEILING SUSPENDED GENERAL EXHAUST FAN W/ INTERAL GRILLE	-	-	-	-	-	-	-	-	645	Ø.6	Ø.3	3/4	742	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3/4	-	-	-	120	1	60	-	X	REV ACT'G TSTAT		80	NOTE 5
CH-1	VULCAN	RW-1120-08	HOT WATER WALL RECESSED MOUNTED CABINET HEATER	860	-	-	-	-	-	(2) 1/10	1050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.7	4.7	-	-	180	160	5	-	-	-	-	-	-	-	2.2	-	120	1	60	X	-	INTEGRAL TSTAT		175	NOTE 6
CH-2	VULCAN	RC-1200-10	HOT WATER CEILING RECESSED CABINET HEATER	1060	-	-	-	-	-	(2) 1/10	1050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.8	6.5	-	-	180	160	5	-	-	-	-	-	-	-	2.2	-	120	1	60	X	-	WALL MTD TSTAT		194	NOTE 7
UH-1	VULCAN	HV-18	HOT WATER SUSPENDED UNIT HEATER	395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	1.1	-	-	180	160	5	-	-	-	-	-	-	-	0.8	-	120	1	60	X	-	WALL MTD TSTAT		310	NOTE 8
UH-2	VULCAN	HV-36	HOT WATER SUSPENDED UNIT HEATER	1400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59.7	6	-	-	180	160	5	-	-	-	-	-	-	-	2	-	120	1	60	X	-	WALL MTD TSTAT		310	NOTE 8
AC-1/CU-1	MITSUBISHI	TPK-A24HA1/TPUY-A24	WALL MTD AC UNIT/ROOF MTD CONDENSING UNIT	700	-	-	-	-	-	-	-	-	-	-	-	-	24	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	26	208	1	60	X	-	WALL MTD TSTAT		46/151	NOTE 9
AC-2/CU-2	MITSUBISHI	TPK-A12HA1/TPUY-A12	WALL MTD AC UNIT/GRADE MTD CONDENSING UNIT	380	-	-	-	-	-	-	-	-	-	-	-	-	12	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	20	208	1	60	X	-	WALL MTD TSTAT		29/82	NOTE 10
AC-3/CU-3	MITSUBISHI	TPK-A12HA1/TPUY-A12	WALL MTD AC UNIT/GRADE MTD CONDENSING UNIT	380	-	-	-	-	-	-	-	-	-	-	-	-	12	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	20	208	1	60	X	-	WALL MTD TSTAT		29/82	NOTE 10
AC-4/CU-4	MITSUBISHI	TPK-A12HA1/TPUY-A12	WALL MTD AC UNIT/ROOF MTD CONDENSING UNIT	380	-	-	-	-	-	-	-	-	-	-	-	-	12	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	20	208	1	60	X	-	WALL MTD TSTAT		29/82	NOTE 9
AD-1 RCP-1	AIRTEX	HEF-2	HOT WATER RADIANT CEILING PANEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.56	Ø.16	-	-	180	160	5	-	-	-	-	-	-	-	-	-	-	-	-	-	WALL MTD TSTAT		-	NOTE 11
	AIRTEX	HEF-2	HOT WATER RADIANT CEILING PANEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.78	Ø.Ø8	-	-	180	160	5	-	-	-	-	-	-	-	-	-	-	-	-	-	WALL MTD TSTAT		-	NOTE 11

NOTES:

1. PROVIDE WITH:
   - DISCONNECT SWITCH
   - SOUND ATTENUATION KIT
   - NEOPRENE PADS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE WITH:
   - PROVIDE WITH COMBUSTION AIR INTAKE DAMPER
   - NEUTRALIZATION BASIN FOR CONDENSATE

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
3. SEE SECTIONS FOR MODULAR SECTION REQUIREMENTS.
   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
4. PROVIDE WITH
   - DISCONNECT SWITCH
   - MOTORIZED DAMPER, BIRD SCREEN
   - ROOF CURB
   - ECM MOTOR WITH POTENTIOMETER SPEED CONTROLLER

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE WITH:
   - BUILT-IN BACKDRAFT DAMPER
   - INTEGRAL METAL GRILLE
   - VIBRATION ISOLATION HANGERS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE WITH:
   - DISCONNECT SWITCH
   - INTEGRAL THERMOSTAT

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. PROVIDE WITH:
   - DISCONNECT SWITCH
   - INTEGRAL THERMOSTAT
   - VIBRATION ISOLATION HANGERS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. PROVIDE WITH:
   - VIBRATION ISOLATION HANGERS

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
9. PROVIDE WITH:
   WALL-MOUNTED AC UNIT:
   - THERMOSTAT
   - CONDENSATE PUMP

   CONDENSING UNIT:
   - LOW AMBIENT CONTROLS FOR 100% COOLING CAPACITY DOWN TO 0°F
   - WIND BAFFLES
   - HAIL GUARDS
   - ROOF EQUIPMENT SUPPORT RAILS.

   SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
10. PROVIDE WITH:
    WALL-MOUNTED AC UNIT:
    - THERMOSTAT
    - CONDENSATE PUMP

    CONDENSING UNIT:
    - LOW AMBIENT CONTROLS FOR 100% COOLING CAPACITY DOWN TO 0°F
    - WIND BAFFLES
    - HAIL GUARDS
    - CONCRETE EQUIPMENT PAD

    SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
11. PROVIDE WITH:
    - MOUNTING HARDWARE
    - BATT INSULATION

    SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PUMP SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD (FT.)	PUMP MOTOR DATA: HP	RPM	VOLT	PHASE	HZ.	STARTER: MC.	STARTER: EC.	SUCTION/DISCHARGE SIZE	REMARKS
BP-1	BELL & GOSSETT	SERIES 80; 3x3x1C	HOT WATER BOILER RECIRCUALTION PUMP	142	25	1 1/2	1750	480	3	60	X	-	3" / 3"	-
BP-2	BELL & GOSSETT	SERIES 80; 3x3x1C	HOT WATER BOILER RECIRCUALTION PUMP	142	25	1 1/2	1750	480	3	60	X	-	3" / 3"	-
BP-3	BELL & GOSSETT	SERIES 80; 3x3x1C	HOT WATER BOILER RECIRCUALTION PUMP	142	25	1 1/2	1750	480	3	60	X	-	3" / 3"	-
CP-1	BELL & GOSSETT	SERIES 80; 5x5x11B	CHILLED WATER DISTRIBUTION PUMP	478	40	7 1/2	1750	480	3	60	X	-	5" / 5"	
HWP-1	BELL & GOSSETT	SERIES 1510; 2BD	HOT WATER DISTRIBUTION PUMP	213	70	7 1/2	1750	480	3	60	X	-	2.5" / 2"	HOT WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 426 GPM AT 70 FT. HD. WITH DUAL POWER FEEDERS
HWP-2	BELL & GOSSETT	SERIES 1510; 2BD	HOT WATER DISTRIBUTION PUMP	213	70	7 1/2	1750	480	3	60	X	-	2.5" / 2"	
CWP-1	BELL & GOSSETT	SERIES 1510; 2BD	CHILLED WATER DISTRIBUTION PUMP	239	60	7 1/2	1750	480	3	60	X	-	2.5" / 2"	CHILLED WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 478 GPM AT 60 FT. HD. WITH DUAL POWER FEEDERS
CWP-2	BELL & GOSSETT	SERIES 1510; 2BD	CHILLED WATER DISTRIBUTION PUMP	239	60	7 1/2	1750	480	3	60	X	-	2.5" / 2"	

RELIEF HOOD SCHEDULE

TAG	MANUFACTURER	MODEL #	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
RH-1	ACME	"LV	SEE PLANS	EXHAUST/RELIEF AIR HOOD	ROOF OF MECH. MEZZ	PROVIDE W BIRDSCREEN, AND 18" HIGH ROOF CURB.

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PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY GL
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2
AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
MECHANICAL SCHEDULES

PROJECT
NEW YOST ELEMENTARY SCHOOL

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M-501

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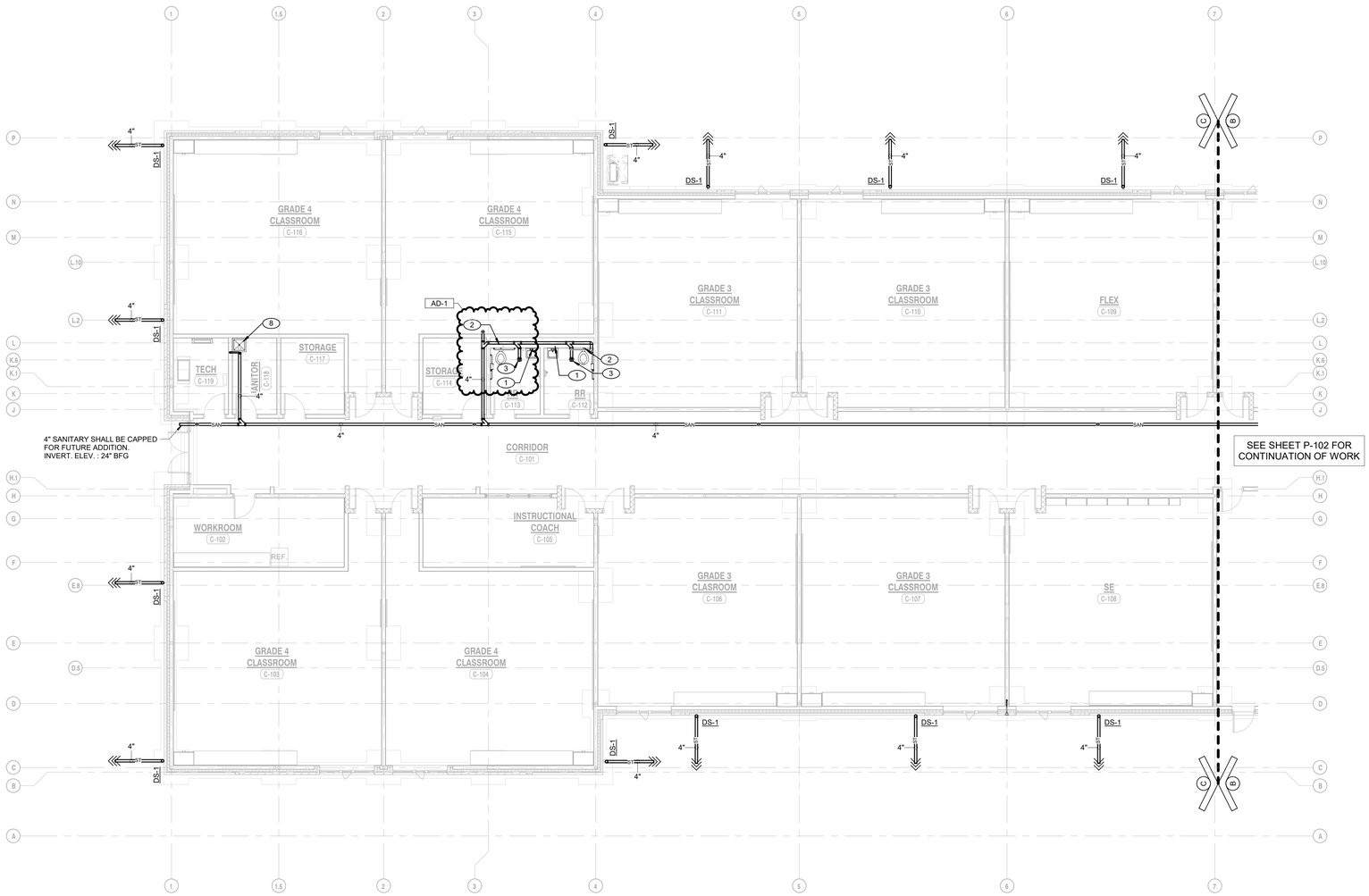
SHEET NOTES

1	1-1/2" SANITARY UP TO LAVATORY
2	4" SANITARY UP TO WATER SINK
3	4" SANITARY UP TO FLOOR DRAIN
4	1-1/2" SANITARY UP TO ELECTRIC WATER COOLER
5	1-1/2" SANITARY UP TO WASH FOUNTAIN
6	2" SANITARY UP TO URINAL
7	2" SANITARY UP TO SINK
8	4" SANITARY UP TO MOP BASIN
9	2" VENT UP



1 P-103 UNIT "C" PLUMBING UNDERFLOOR PLAN

1/8" = 1'-0"

NORTH

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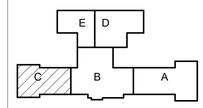

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
MDG
CHECKED BY
DJ

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

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REVISIONS

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AD-1	04/14/22	ADDENDUM NO. 1

DRAWING
UNIT "C" PLUMBING UNDERFLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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C

SHEET
P-103

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SHEET NOTES

1	1-1/2" SANITARY UP TO LAVATORY
2	4" SANITARY UP TO WATER SINK
3	4" SANITARY UP TO FLOOR DRAIN
4	1-1/2" SANITARY UP TO ELECTRIC WATER COOLER
5	1-1/2" SANITARY UP TO WASH FOUNTAIN
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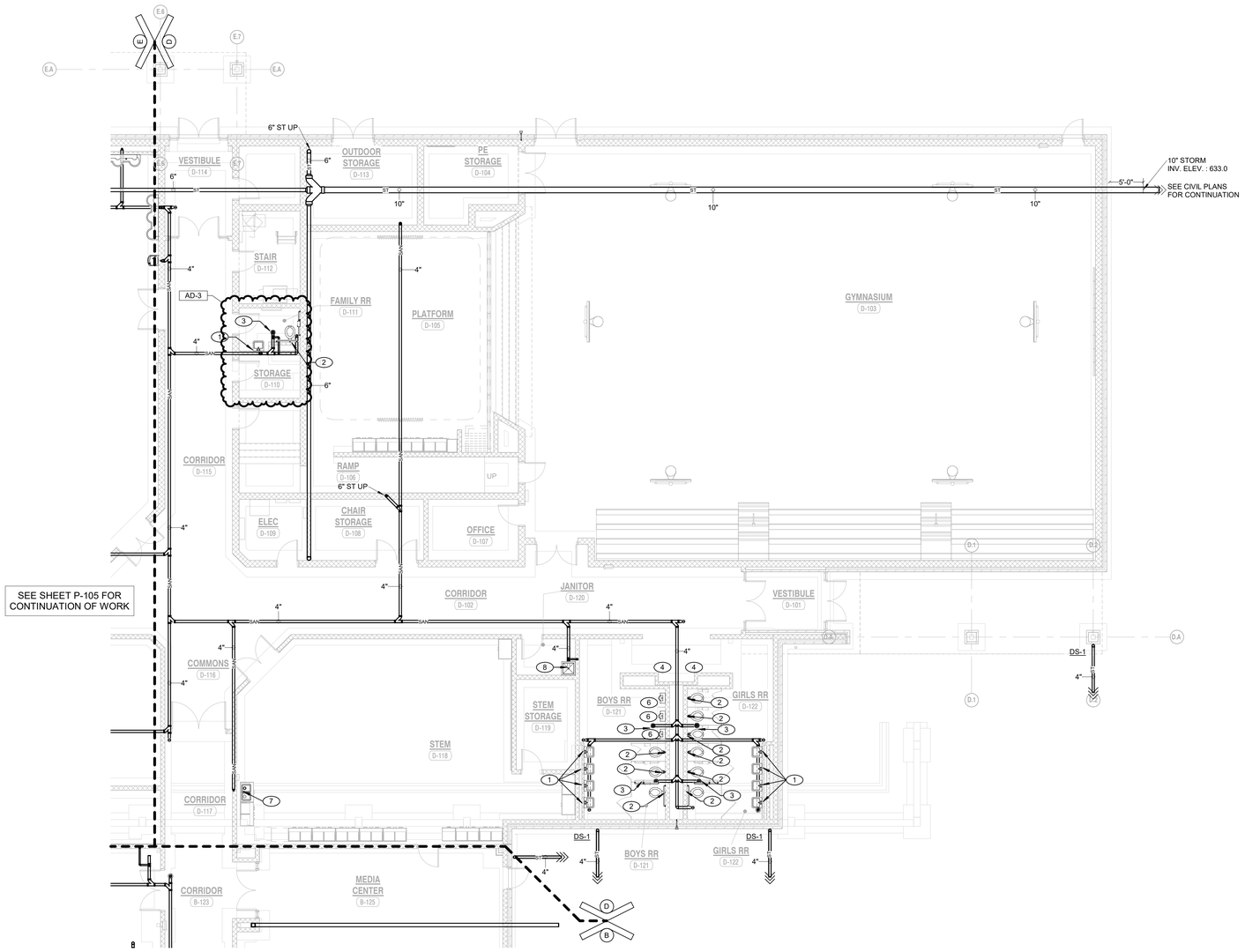
7	2" SANITARY UP TO SINK
8	4" SANITARY UP TO MOP BASIN
9	2" VENT UP



1 UNIT "D" PLUMBING UNDERFLOOR PLAN

P-104 1/8" = 1'-0"

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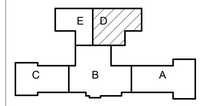

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
MDG
CHECKED BY
DJ

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

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AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
UNIT "D" PLUMBING UNDERFLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
D
P-104

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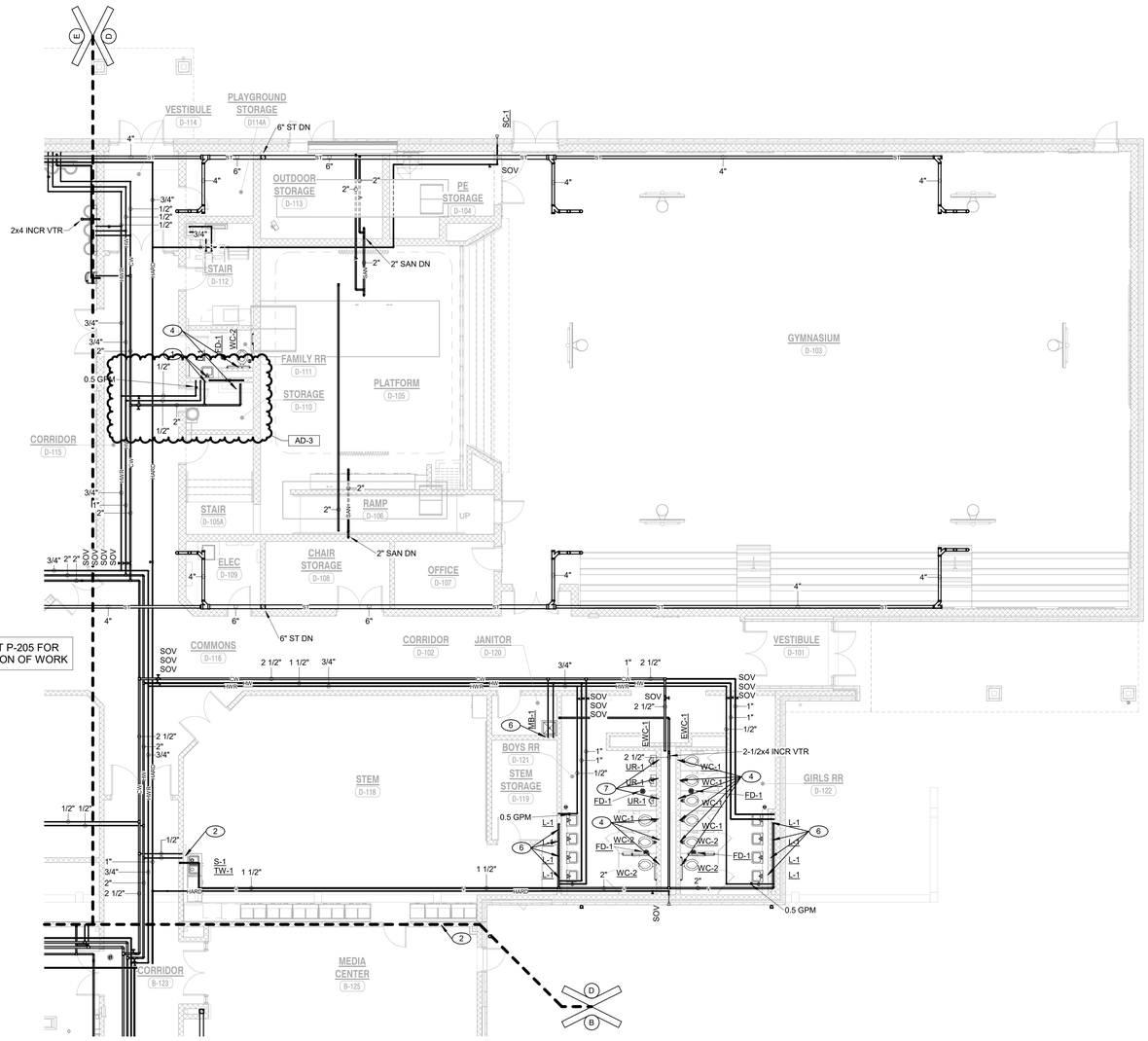
SHEET NOTES

1. 1/2" HW/CW DN
   1-1/2" V DN
   1-1/2" SAN DN
2. 1/2" HW/CW DN
   1-1/2" V DN
   2" SAN DN
3. 1/2" CW DN
   1-1/2" V DN
   1-1/2" SAN DN
4. 1-1/2" CW DN
   2" V DN
   4" SAN DN
5. 3/4" CW DN
6. 1/2" HW/CW DN
   2" V DN
7. 1" CW DN
   1-1/2" V DN
   2" SAN DN



1 UNIT "D" PLUMBING FIRST FLOOR PLAN
P-204 1/8" = 1'-0"

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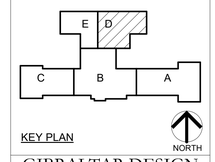

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DRAWN BY
MDG
CHECKED BY
DJ

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
UNIT "D" PLUMBING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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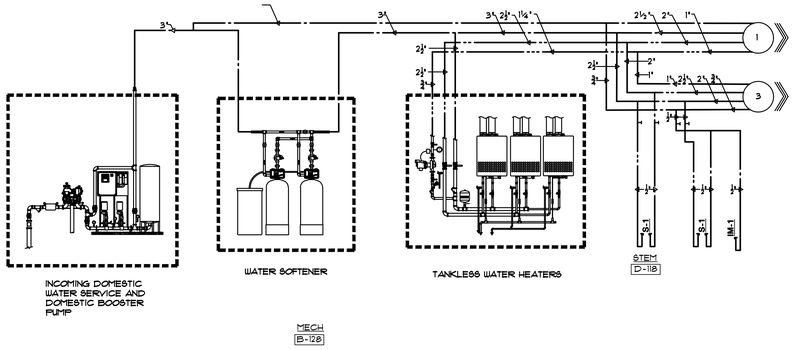
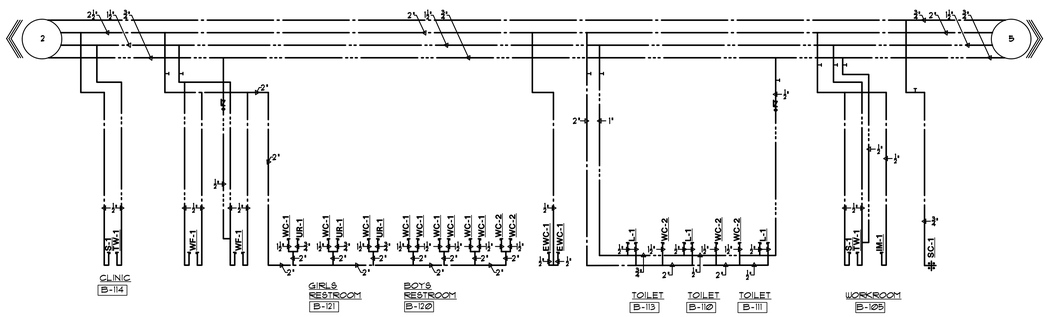
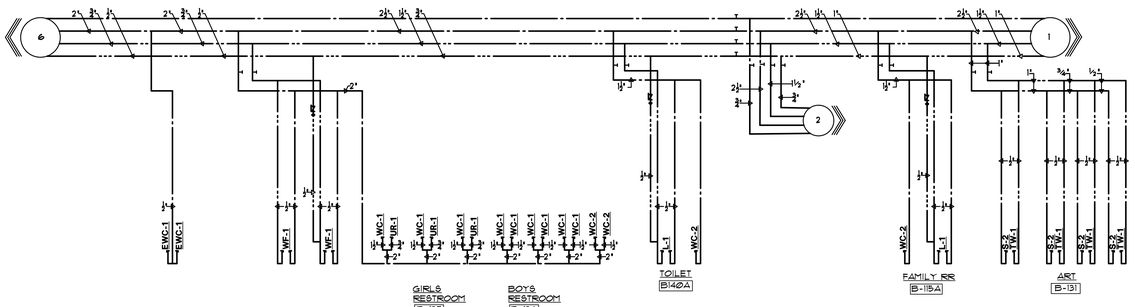
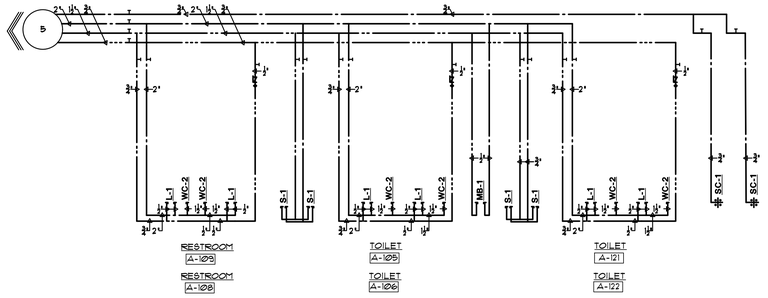
DOMESTIC COLD, HOT AND RETURN PIPING RISER DIAGRAM

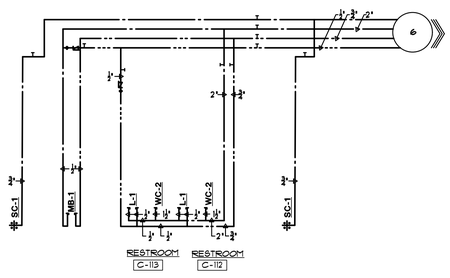
NTS

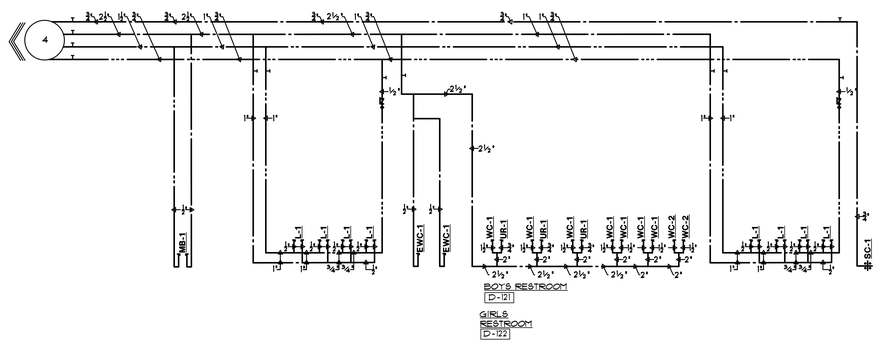


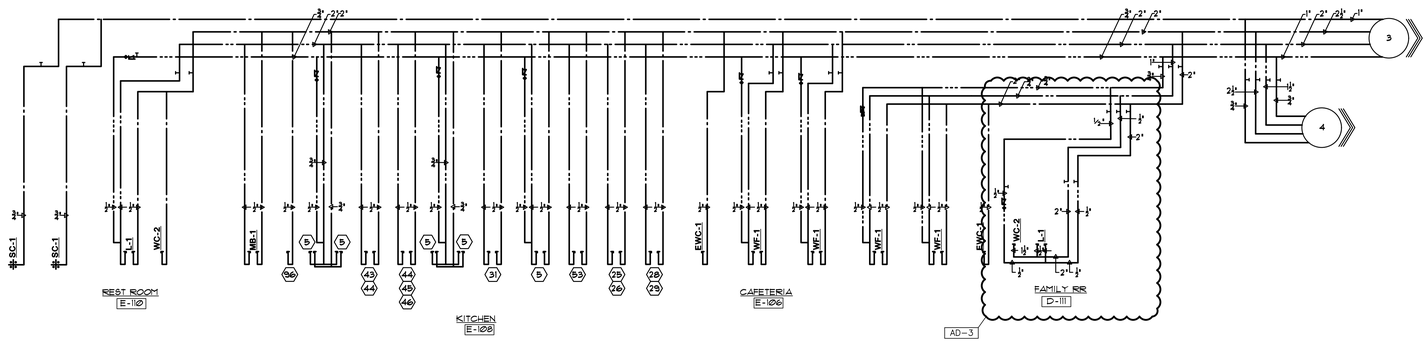












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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY CC
CHECKED BY DJ

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DRAWING
DOMESTIC COLD, HOT AND RETURN PIPING RISER DIAGRAM

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SANITARY AND VENT PIPING RISER DIAGRAM

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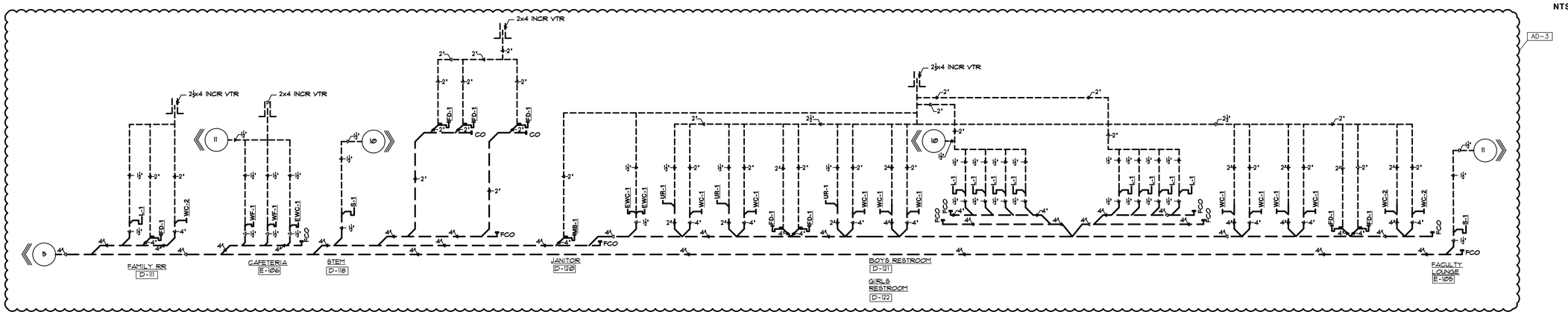

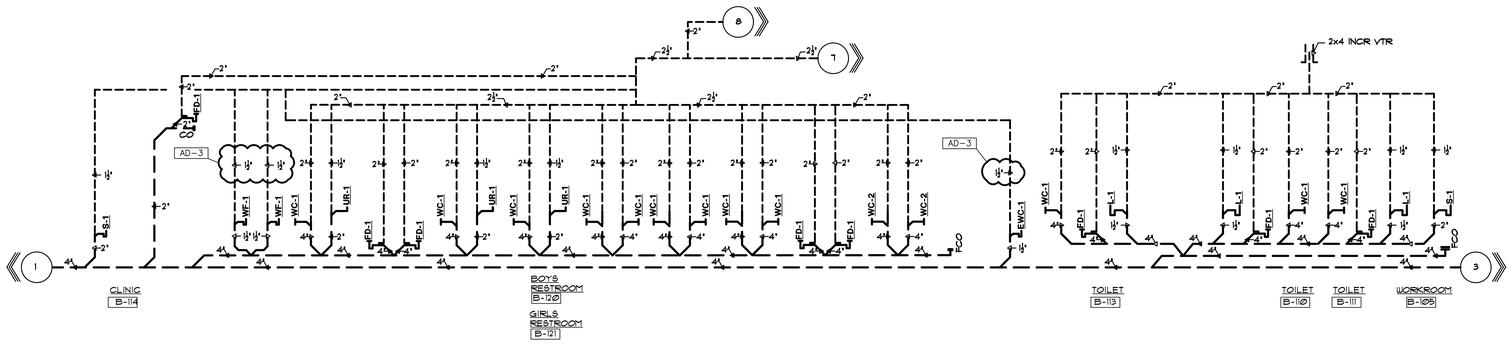

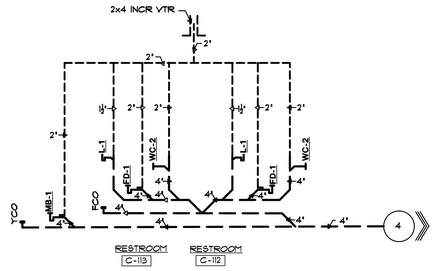

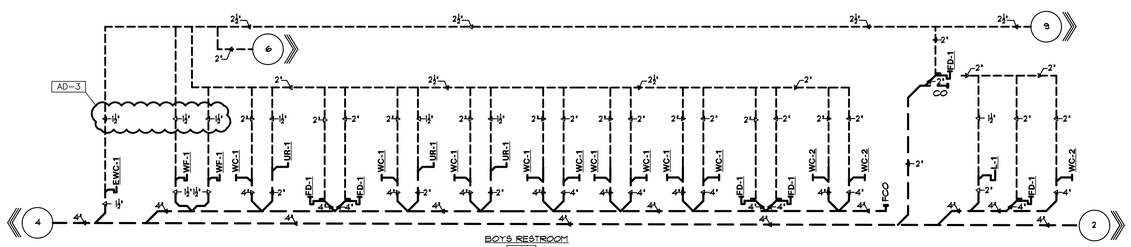

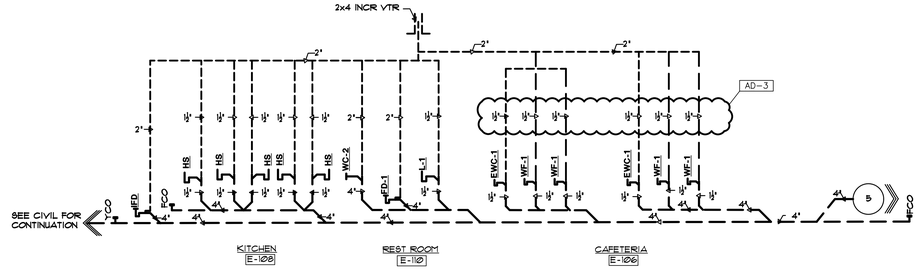

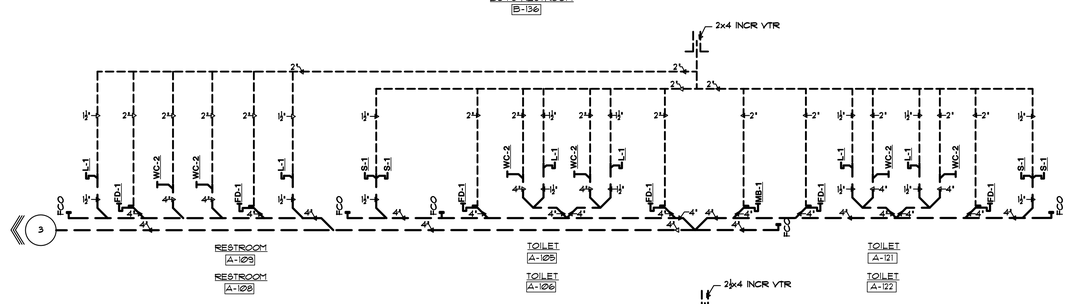

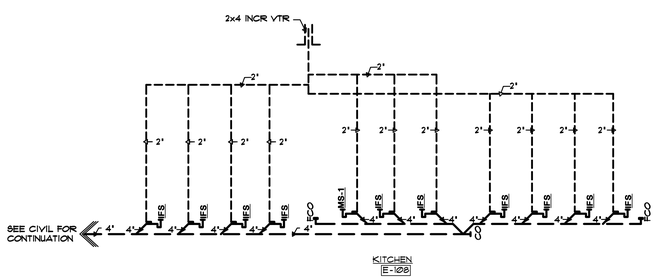

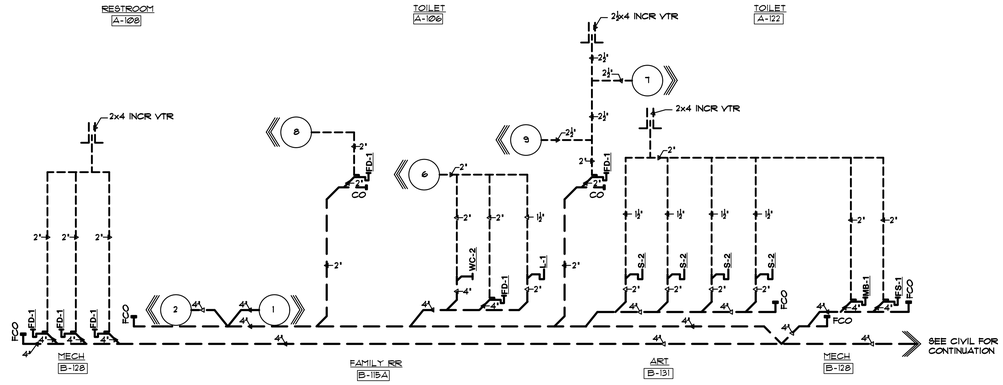

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
CC
CHECKED BY
DJ

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REGISTERED
NO. 10302590
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DRAWING
SANITARY AND VENT PIPING RISER DIAGRAM

PROJECT
NEW YOST ELEMENTARY SCHOOL

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INSPECTOR'S TEST PIPE DETAIL

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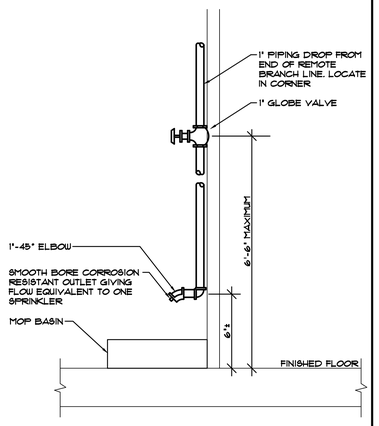


GENERAL NOTES

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 ENTIRE BUILDING OR THE NEW ADDITIONS SHALL BE FURNISHED AND INSTALLED WITH A COMPLETE AUTOMATIC SPRINKLER SYSTEM. EXISTING, REMODELED AND NEW ADDITION AREAS OF THIS BUILDING SHALL BE COVERED INCLUDING TUNNEL, ATTIC, CRAWLSPACE AND INTERSTITIAL SPACES.

D. THE 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.

E. 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.

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

G. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) PRIOR TO ORDERING ANY EQUIPMENT.

H. INSTALL ELECTRIC ALARM DEVICES AND SUPERVISORY DEVICES. COORDINATE WIRING OF DEVICES.

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

J. 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.

K. 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

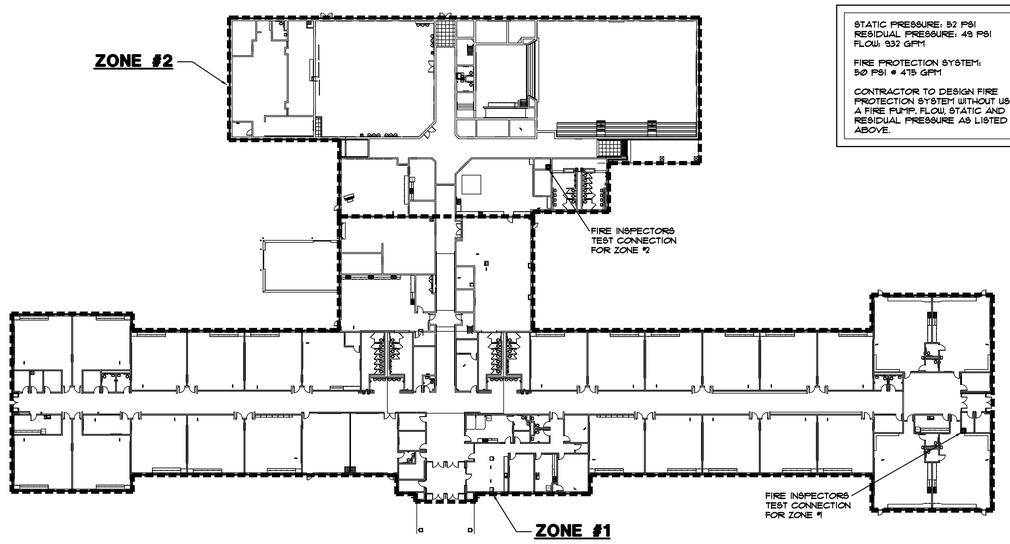
L. PIPES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LATEST NFPA #13.

M. PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

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

O. PROVIDE 1" INSPECTOR'S TEST CONNECTIONS FOR EACH ZONE TO ALLOW THE FLOW TESTING OF THE WATER FLOW INDICATOR SWITCH IN THE SPRINKLER RISER. THE TEST CONNECTION SHALL HAVE A 1" GLOBE VALVE LOCATED AT 7'-0" ABOVE THE FLOOR AND SHALL BE ARRANGED TO DISCHARGE THROUGH A 1/2" SMOOTH BORE BRASS BUSHING.

FIRE PROTECTION ZONING PLAN / FIRE INSPECTORS TEST CONNECTION



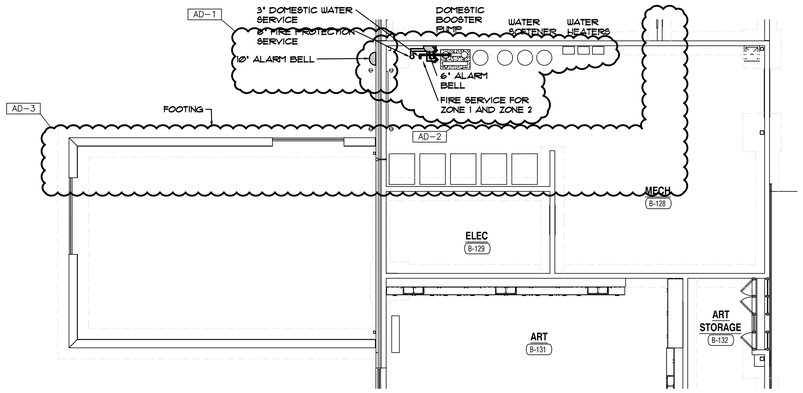
STATIC PRESSURE: 52 PSI
RESIDUAL PRESSURE: 49 PSI
FLOW: 932 GPM

FIRE PROTECTION SYSTEM:
50 PSI @ 475 GPM

CONTRACTOR TO DESIGN FIRE PROTECTION SYSTEM WITHOUT USE OF A FIRE PUMP. FLOW, STATIC AND RESIDUAL PRESSURE AS LISTED ABOVE.

ENLARGED FIRST FLOOR PLAN - FIRE PROTECTION

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



INCOMING FIRE PROTECTION SERVICE DIAGRAM

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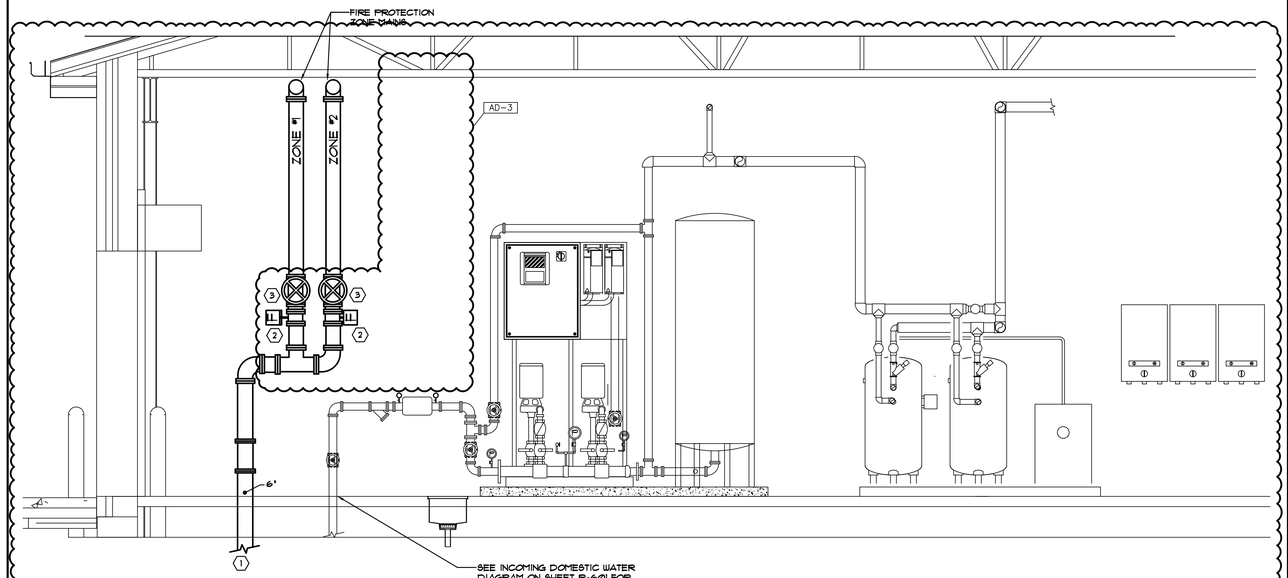
AD-3

1. 6" FIRE PROTECTION SERVICE
2. FLOW SWITCH
3. 4" OS&Y VALVE W/ TAMPER SWITCH



AD-1 AD-2

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY MDG
CHECKED BY DJ

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

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AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
FIRE PROTECTION ZONING PLAN, DETAILS, SYMBOLS & ABBREVIATIONS

PROJECT
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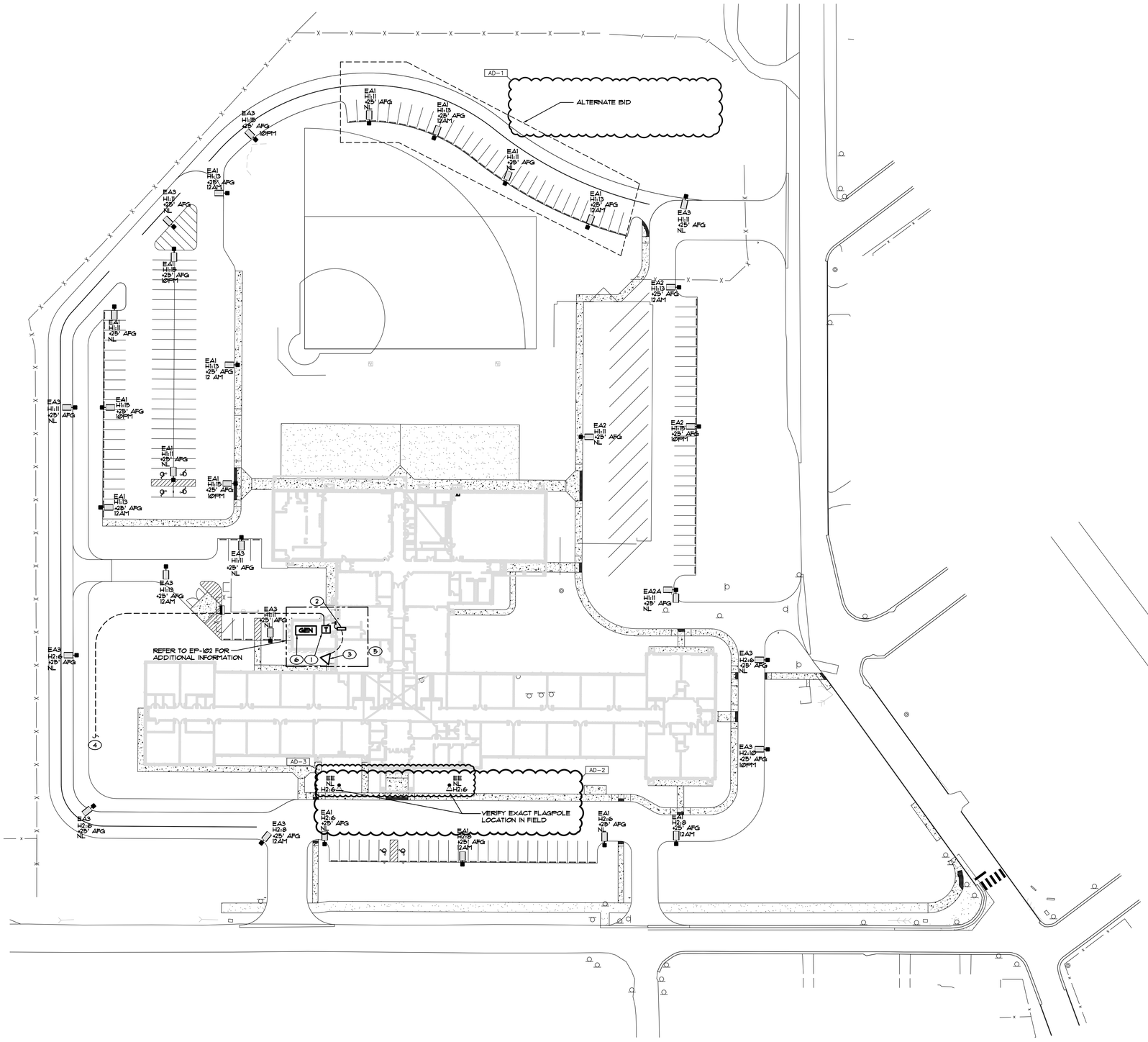

ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"

NORTH

GENERAL NOTES

1. ALL CONDUIT BEYOND THE DISTURBED FIELD AREA AND BELOW EXISTING PAVEMENT TO REMAIN SHALL BE DIRECTIONAL BORED.
2. EXACT ROUTING OF THE SECONDARY FEEDERS FROM THE TRANSFORMER TO THE SWITCHBOARD SHALL BE VERIFIED WITH AHJ FOR ACCEPTABILITY PRIOR TO INSTALLATION.
3. VERIFY EXACT LOCATION OF THE METER AND CT CABINET WITH THE UTILITY COMPANY.
4. SITE LIGHTING CONDUCTORS SHALL BE #8 AWG MINIMUM, AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.
5. UNLESS OTHERWISE NOTED, ROUTE LIGHTING TO CIRCUITS INDICATED VIA TIME CLOCK, CONTACTORS AND PHOTOCELL.
6. REFER TO SITE LIGHTING POLE AND FLOOD LIGHT DETAILS FOR ADDITIONAL INFORMATION.
7. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
8. ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE EXACT LAYOUT OF TRANSFORMER, METERING EQUIPMENT AND GENERATOR IN OUTDOOR YARD WITH ARCHITECT AND MECHANICAL CONTRACTOR NO LATER THAN 14 DAYS AFTER CONTRACT AWARD AND PRIOR TO ORDERING OF ANY EQUIPMENT.
9. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY SITE WORK AND PROVIDE RACEWAY AND HAND-HOLE ROUGH-INS AS INDICATED.
10. ALL SITE PLAN LIGHTING PREFIXED H2 TO BE CIRCUITED TO PANEL "H2"
11. ALL SITE PLAN LIGHTING PREFIXED H1 TO BE CIRCUITED TO PANEL "H1"

SHEET NOTES

1. UTILITY COMPANY PAD MOUNTED SERVICE TRANSFORMER FURNISH AND INSTALL TRANSFORMER PAD PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS, INCLUDING GROUNDING, PAD SIZE, ETC.
2. APPROXIMATE LOCATION OF MAIN SWITCH BOARD (MSWB), CT SECTION AND METER.
3. SECONDARY FEEDERS ROUTED FROM THE MSWB TO THE UTILITY TRANSFORMER, REFER TO THE TRENCH DETAIL AND THE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. PROVIDE TWO (2) 4" PVC CONDUITS TO PROPERTY LINE FOR UTILITY COMPANY PRIMARY SERVICE ENTRANCE CABLE. VERIFY LOCATION IN FIELD WITH UTILITY COMPANY PRIOR TO ROUGH-IN. CAREFULLY LOCATE ALL UNDERGROUND UTILITIES AND COORDINATE WORK TO AVOID ANY CONFLICTS. PROVIDE PULL BOXES AT LOCATIONS INDICATED BY THE UTILITY COMPANY. PULL BOX SHALL MATCH THE UTILITY COMPANY STANDARDS.
5. GROUND TRIAD. VERIFY EXACT LOCATION IN FIELD.
6. APPROXIMATE LOCATION OF EMERGENCY GENERATOR.

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AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
ELECTRICAL SITE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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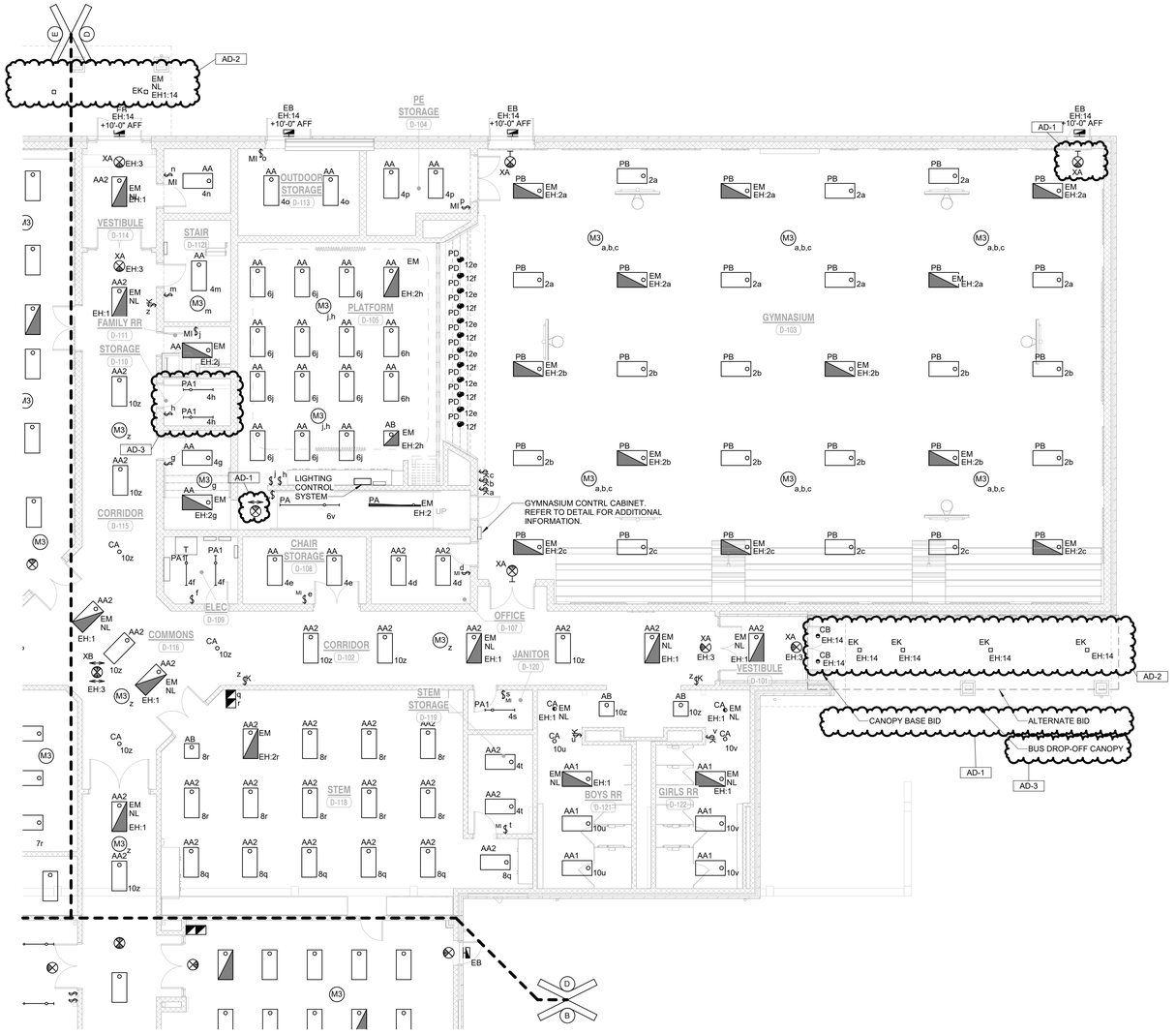

UNIT "D" ELECTRICAL LIGHTING FIRST FLOOR PLAN

1 / EL104 — 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL H1 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM-H' 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 EM-H.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H.
5. CIRCUIT TAGS WITH AN 'EH' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EM-H. 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 TO PANEL EM-H VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'EH' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL EM-H 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.

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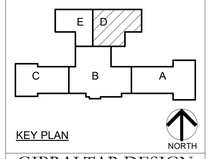

KEY PLAN

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MS
DRAWN BY
BoK
CHECKED BY
DJ

DAVID G. JANIVE — REGISTERED — NO. 10302590 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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AD-1	04/14/22	ADDENDUM NO. 1
AD-2	04/21/22	ADDENDUM NO. 2
AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
UNIT "D" ELECTRICAL LIGHTING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
D
EL104

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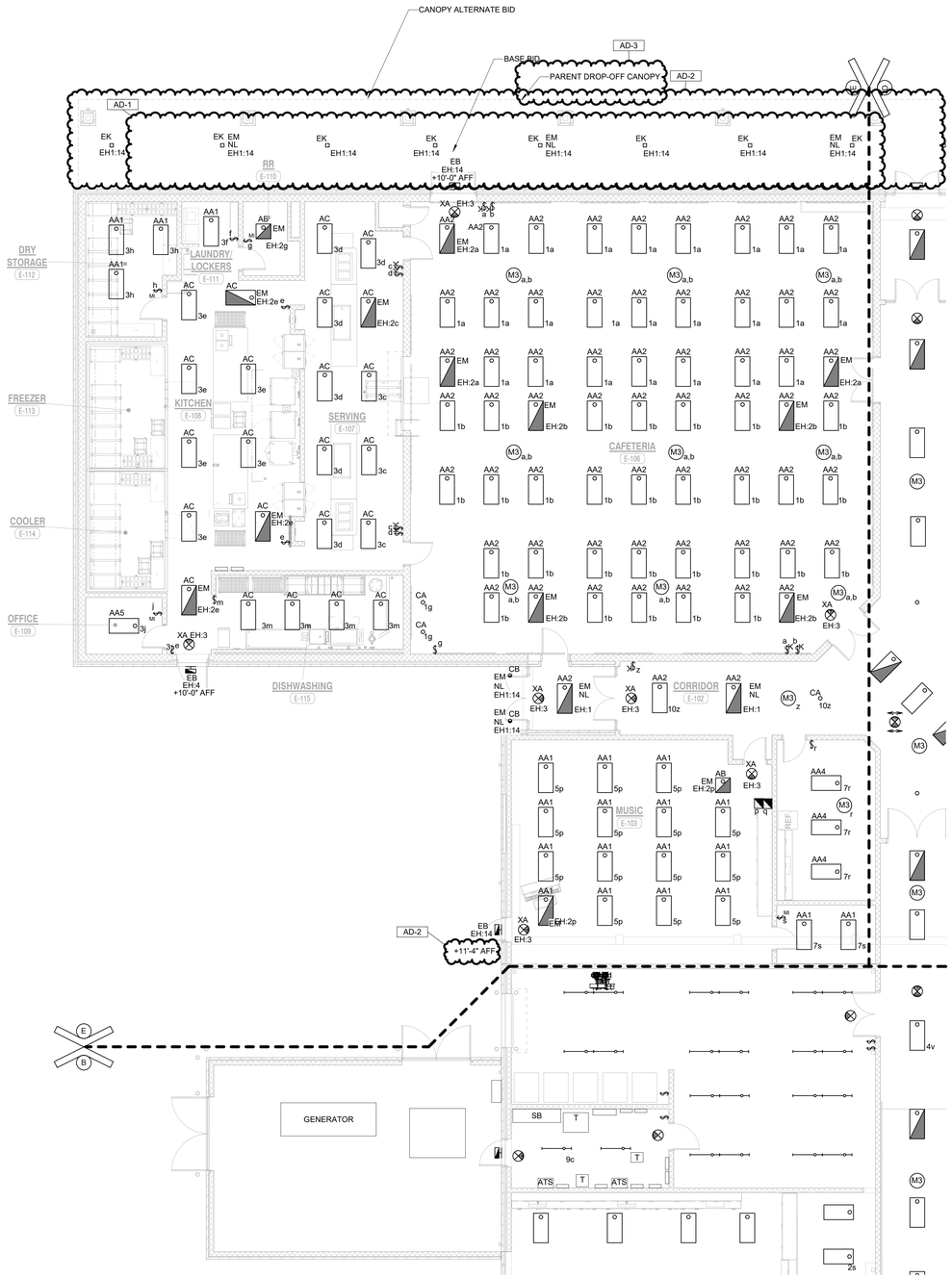

1 UNIT "E" ELECTRICAL LIGHTING FIRST FLOOR PLAN
EL105 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL H1 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM-H' 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 EM-H.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EM-H1.
5. CIRCUIT TAGS WITH AN 'EH' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EM-H. 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 TO PANEL EM-H VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'EH' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL EM-H 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.

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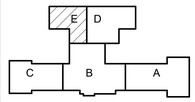
PROJECT:

NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
100 W BEAM ST
PORTER, IN 46304



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

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AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
UNIT "E" ELECTRICAL LIGHTING FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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SHEET
E
EL105

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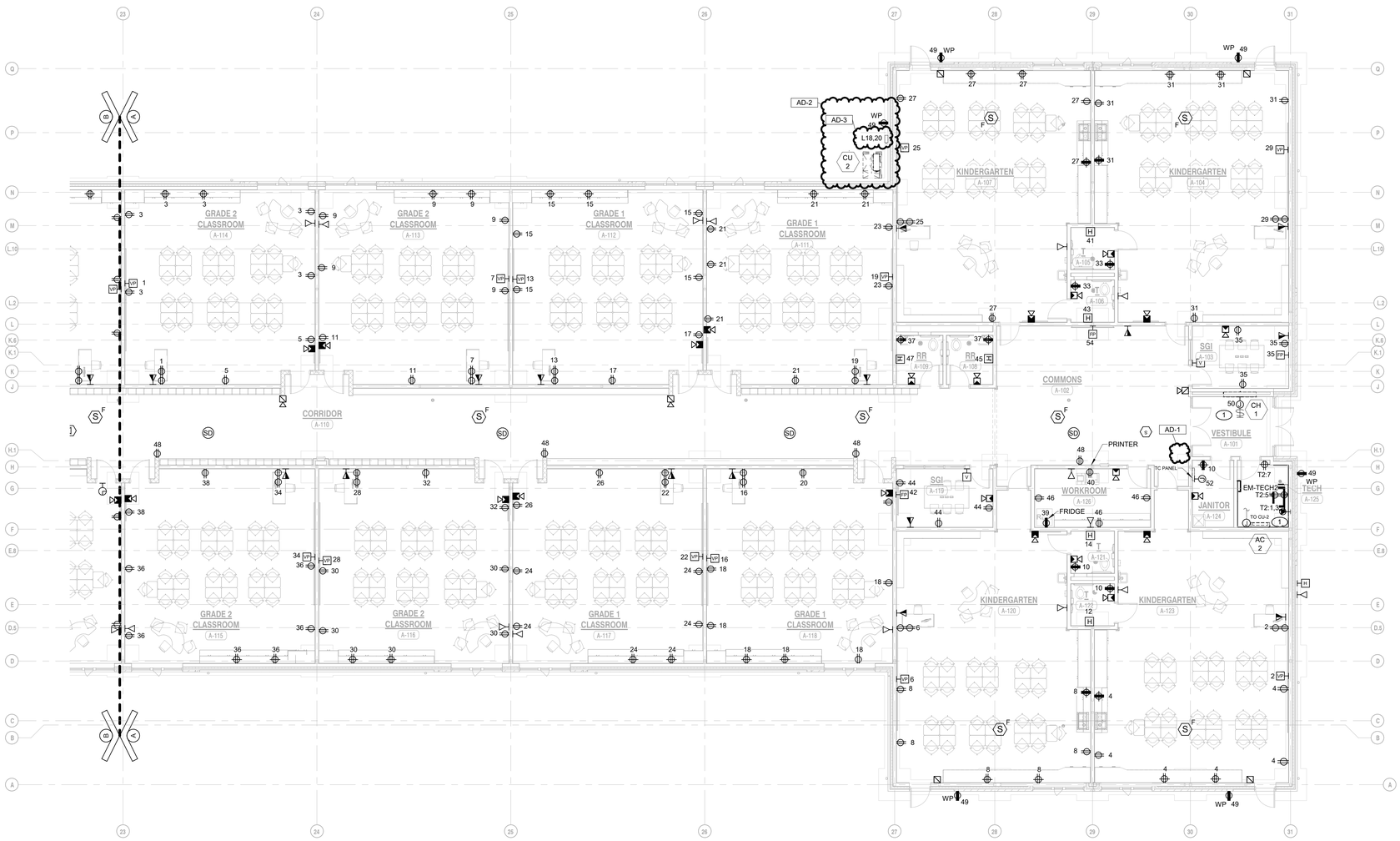
GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED TO PANEL PP-3 UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "E2" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH2.
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 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 ADDITIONAL CIRCUITING AND WIRING INFORMATION.



1 EP101 **UNIT "A" ELECTRICAL POWER FIRST FLOOR PLAN**
1/8" = 1'-0"

NORTH

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PROJECT:

NEW YOST ELEMENTARY SCHOOL

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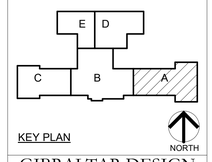

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DRAWING
UNIT "A" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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A
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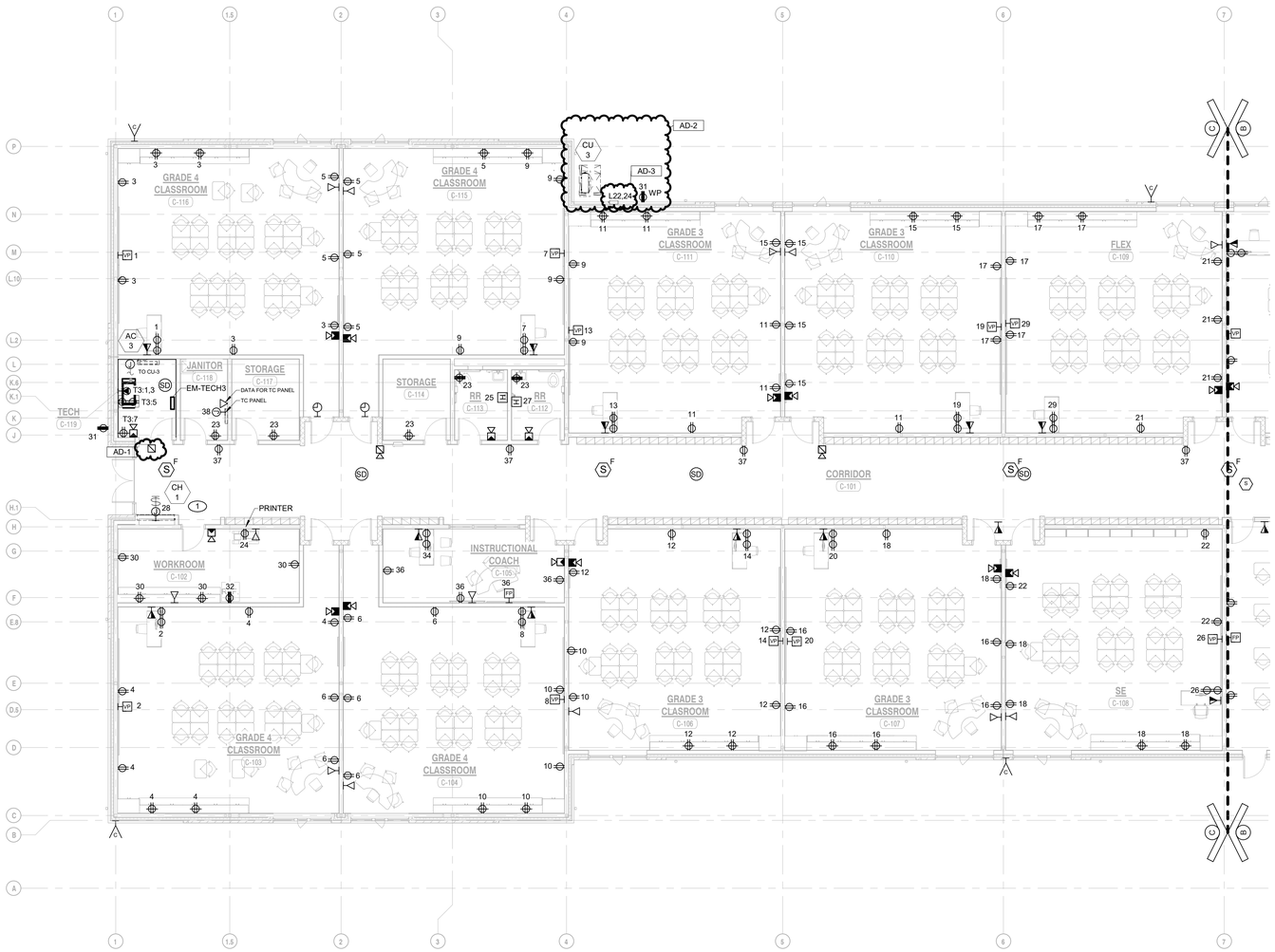
GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO PANEL PP-6 UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "T3" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH3.
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 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 ADDITIONAL CIRCUITING AND WIRING INFORMATION.



1 EP103 UNIT "C" ELECTRICAL POWER FIRST FLOOR PLAN

1/8" = 1'-0"

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PROJECT:

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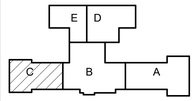

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DATE 03/31/2022
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DRAWING
UNIT "C" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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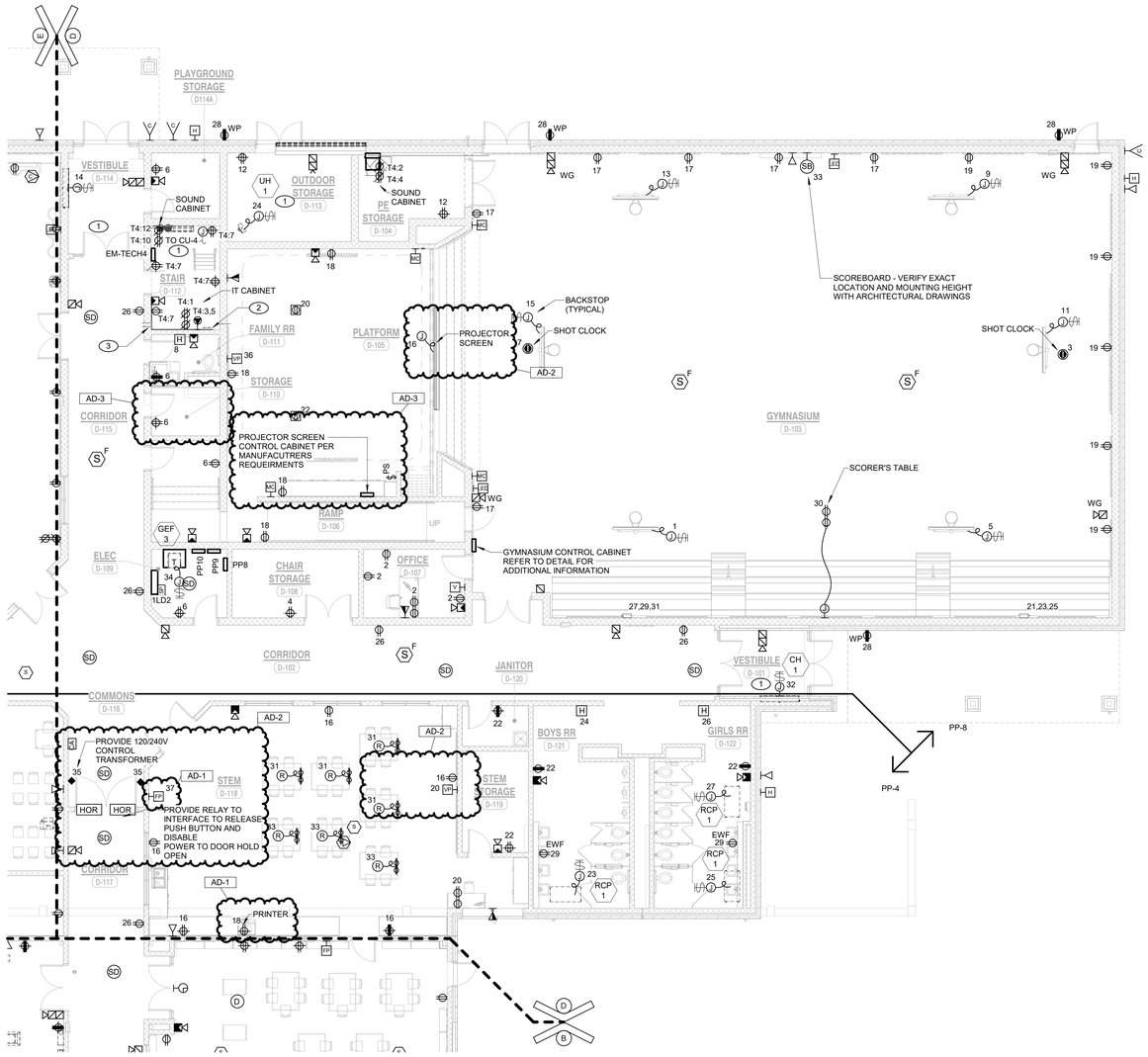
SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. TELECOM GROUDNING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
3. TWO(2) 4" RNC SCH 40 CONDUITS WITHOUT FITTINGS REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. ALL DEVICES WITH A "T4" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH4.
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 ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.



1 EP104 UNIT "D" ELECTRICAL POWER FIRST FLOOR PLAN

1/8" = 1'-0"

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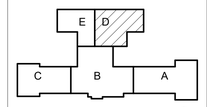

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DRAWING
UNIT "D" ELECTRICAL POWER FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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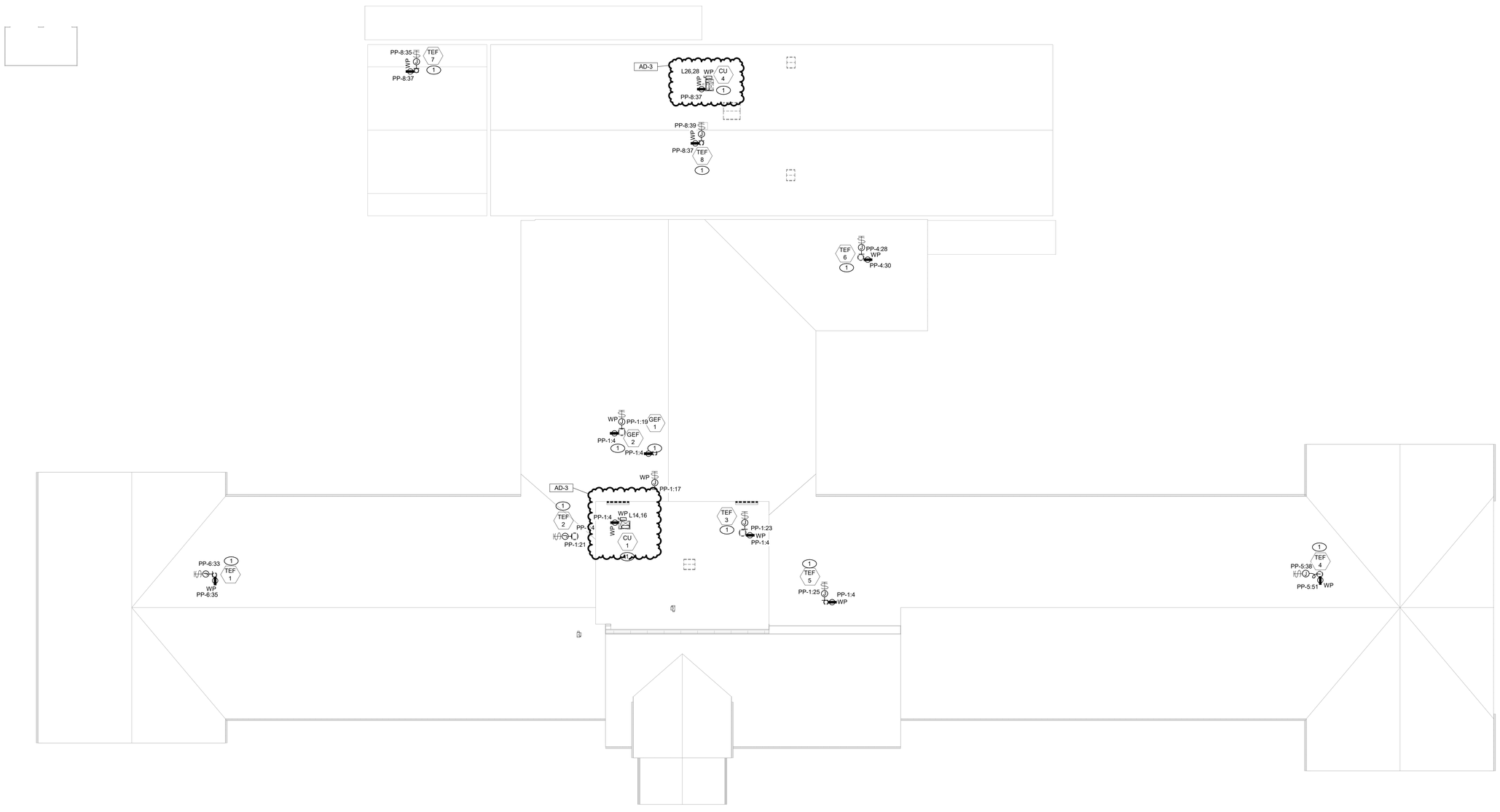
GENERAL NOTES

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO CIRCUIT PREFIX UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. COORDINATE ROOFTOP PLACEMENT OF EXHAUST AND MAKE UP AIR FANS; FREEZER/COOLER CONDENSING UNITS WITH KEC.



1 EP201 OVERALL ELECTRICAL POWER ROOF PLAN

1/16" = 1'-0"

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PROJECT:

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DRAWING
OVERALL ELECTRICAL POWER ROOF PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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Branch Panel: SB-L

Location:
Supply From: 112.5 kVA, 277 V/480 V, Three...
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kAIC...
Mains Type: MSB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
L1	TC - PANEL	20 A	1	500 VA	720 VA					1	20 A	TWH - 1/2/3	L2
L3	TC - PANEL	20 A	1			500 VA	800 VA			1	20 A	WS-1	L4
L5	EM-TECH DP	110 A	3					1020...	600 VA	1	20 A	GEN CHARGER	L6
L7	--	--	--	9300...	1500...					2	30 A	GEN BLOCK HEATER	L8
L9	--	--	--			8100...	1500...			--	--	--	L10
L11	HEAT TRACE CONTROL PANEL	20 A	1					600 VA	500 VA	1	20 A	HEAT TRACE	L12
L13	FREEZER CONDENSING UNIT	20 A	3	4107...	1664...					2	25 A	CU-1	L14
L15	--	--	--			4107...	1664...			--	--	--	L16
L17	--	--	--					4107...	1664...	2	20 A	CU-2	L18
L19	COOLER	20 A	1	350 VA	1664...					--	--	--	L20
L21	WALK-IN COOLER	20 A	1			720 VA	1664...			2	20 A	CU-3	L22
L23	WALK-IN FREEZER COIL	20 A	1					2496...	1664...	--	--	--	L24
L25	WALK-IN COOLER	20 A	1	720 VA	1664...					2	20 A	CU-4	L26
L27	FREEZER LIGHTS AND DOOR	20 A	1			2400...	1664...			--	--	--	L28
L29	COOLER LIGHTS AND DOOR	20 A	1					2400...	0 VA	1	20 A	Spare	L30
L31	COOLER EVAPORATOR FAN	20 A	1	600 VA	0 VA					1	20 A	Spare	L32
L33	WALK - IN FREEZER COIL	20 A	1			600 VA	0 VA			1	20 A	Spare	L34
L35	CONDENSATE EXHAUST FAN	20 A	1					936 VA	0 VA	1	20 A	Spare	L36
L37	FIRE SUPPRESTION SYSTEM	20 A	1	1920...	0 VA					3	30 A	SPD	L38
L39	1 DOOR PASS THROUGH FRIDGE N	20 A	1			456 VA	0 VA			--	--	--	L40
L41	1 DOOR PASS THROUGH FRIDGE S	20 A	1					500 VA	0 VA	--	--	--	L42
		Total Load:		24709 VA		24175 VA		25667 VA					
		Total Amps:		207 A		201 A		215 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	25633 VA	100.00%	25633 VA		
Power	48918 VA	100.00%	48918 VA	**Total Conn. Load:**	74551 VA
				Total Est. Demand:	74551 VA
				Total Conn. Current:	207 A
				Total Est. Demand Current:	207 A

Notes:

Branch Panel: EM-TECH DP

Location:
Supply From: SB-L
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kAIC
Mains Type: MCB
Mains Rating: 110 A
MCB Rating: 110 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EM-TECH4	60 A	3	3200...	1700...					3	60 A	EM-TECH 3	2
3	--	--	--			3300...	1500...			--	--	--	4
5	--	--	--					3300...	1200...	--	--	--	6
7	EM-TECH 1	60 A	3	3600...	1700...					3	60 A	EM-TECH 2	8
9	--	--	--			3000...	1500...			--	--	--	10
11	--	--	--					2400...	1200...	--	--	--	12
13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	14
15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	16
17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	18
19	Space	--	--	0 VA	0 VA					--	--	Space	20
21	Space	--	--			0 VA	0 VA			--	--	Space	22
23	Space	--	--					0 VA	0 VA	--	--	Space	24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
		Total Load:		10200 VA		9300 VA		8100 VA					
		Total Amps:		87 A		79 A		68 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	27600 VA	100.00%	27600 VA		
				Total Conn. Load:	27600 VA
				Total Est. Demand:	27600 VA
				Total Conn. Current:	77 A
				Total Est. Demand Current:	77 A

Notes:

Branch Panel: EM-TECH 1

Location:
Supply From: EM-TECH DP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kAIC
Mains Type: MCB
Mains Rating: 60 A
MCB Rating: 60 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
T1:1	IT CABINET B-134	20 A	2	1500...	1500...					2	20 A	IT CABINET B-134	T1:2
T1:3	--	--	--			1500...	1500...			--	--	--	T1:4
T1:5	REC - CABINET B-134	20 A	1					1200...	1200...	1	20 A	REC - CABINET B-134	T1:6
T1:7	REC - RM B-134	20 A	1	600 VA	0 VA					1	20 A	Spare	T1:8
T1:9	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T1:10
T1:11	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T1:12
T1:13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T1:14
T1:15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T1:16
T1:17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T1:18
T1:19	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T1:20
T1:21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T1:22
T1:23	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T1:24
		Total Load:		3600 VA		3000 VA		2400 VA					
		Total Amps:		31 A		26 A		20 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	9000 VA	100.00%	9000 VA		
				Total Conn. Load:	9000 VA
				Total Est. Demand:	9000 VA
				Total Conn. Current:	25 A
				Total Est. Demand Current:	25 A

Notes:

Branch Panel: EM-TECH 2

Location:
Supply From: EM-TECH DP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kAIC
Mains Type: MCB
Mains Rating: 60 A
MCB Rating: 60 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
T2:1	IT CABINET RM A-125	20 A	2	1500...	0 VA					1	20 A	Spare	T2:2
T2:3	--	--	--			1500...	0 VA			1	20 A	Spare	T2:4
T2:5	REC - IT CABINET RM A-125	20 A	1					1200...	0 VA	1	20 A	Spare	T2:6
T2:7	REC - RM A-125	20 A	1	200 VA	0 VA					1	20 A	Spare	T2:8
T2:9	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T2:10
T2:11	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T2:12
T2:13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T2:14
T2:15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T2:16
T2:17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T2:18
T2:19	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T2:20
T2:21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T2:22
T2:23	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T2:24
		Total Load:		1700 VA		1500 VA		1200 VA					
		Total Amps:		15 A		13 A		10 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	4400 VA	100.00%	4400 VA		
				Total Conn. Load:	4400 VA
				Total Est. Demand:	4400 VA
				Total Conn. Current:	12 A
				Total Est. Demand Current:	12 A

Notes:

Branch Panel: EM-TECH 3

Location:
Supply From: EM-TECH DP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kAIC
Mains Type: MCB
Mains Rating: 60 A
MCB Rating: 60 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
T3:1	IT CABINET RM C-119	20 A	2	1500...	0 VA					1	20 A	Spare	T3:2
T3:3	--	--	--			1500...	0 VA			1	20 A	Spare	T3:4
T3:5	REC - IT CABINET RM C-119	20 A	1					1200...	0 VA	1	20 A	Spare	T3:6
T3:7	REC - RM 119	20 A	1	200 VA	0 VA					1	20 A	Spare	T3:8
T3:9	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T3:10
T3:11	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T3:12
T3:13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T3:14
T3:15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T3:16
T3:17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T3:18
T3:19	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T3:20
T3:21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T3:22
T3:23	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T3:24
		Total Load:		1700 VA		1500 VA		1200 VA					
		Total Amps:		15 A		13 A		10 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	4400 VA	100.00%	4400 VA		
				Total Conn. Load:	4400 VA
				Total Est. Demand:	4400 VA
				Total Conn. Current:	12 A
				Total Est. Demand Current:	12 A

Notes:

Branch Panel: EM-TECH4

Location:
Supply From: EM-TECH DP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22kACI
Mains Type: MCB
Mains Rating: 60 A
MCB Rating: 60 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
T4:1	REC - IT CABINET D-112	20 A	1	1200...	600 VA					1	20 A	REC - SOUND CABINET D-104	T4:2
T4:3	IT CABINET D-112	20 A	2			1500...	600 VA			1	20 A	REC - SOUND CABINET D-104	T4:4
T4:5	--	--	--					1500...	600 VA	1	20 A	REC - SOUND CABINET E106	T4:6
T4:7	REC - D-112	20 A	1	800 VA	600 VA					1	20 A	REC - SOUND CABINET E-106	T4:8
T4:9	REC - SOUND CABINET E-103	20 A	1			600 VA	600 VA			1	20 A	REC - SOUNDCABINET D-112	T4:10
T4:11	REC - SOUND CABINET E-103	20 A	1					600 VA	600 VA	1	20 A	REC - SOUNDCABINET D-112	T4:12
T4:13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T4:14
T4:15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T4:16
T4:17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T4:18
T4:19	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	T4:20
T4:21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	T4:22
T4:23	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	T4:24
		Total Load:		3200 VA		3300 VA		3300 VA					
		Total Amps:		27 A		28 A		28 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	9800 VA	100.00%	9800 VA		
				Total Conn. Load:	9800 VA
				Total Est. Demand:	9800 VA
				Total Conn. Current:	27 A
				Total Est. Demand Current:	27 A

Notes:

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
MS
DRAWN BY
BK
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	04/28/22	ADDENDUM NO. 3

DRAWING
ELECTRICAL PANEL SCHEDULES

PROJECT
NEW YOST ELEMENTARY SCHOOL

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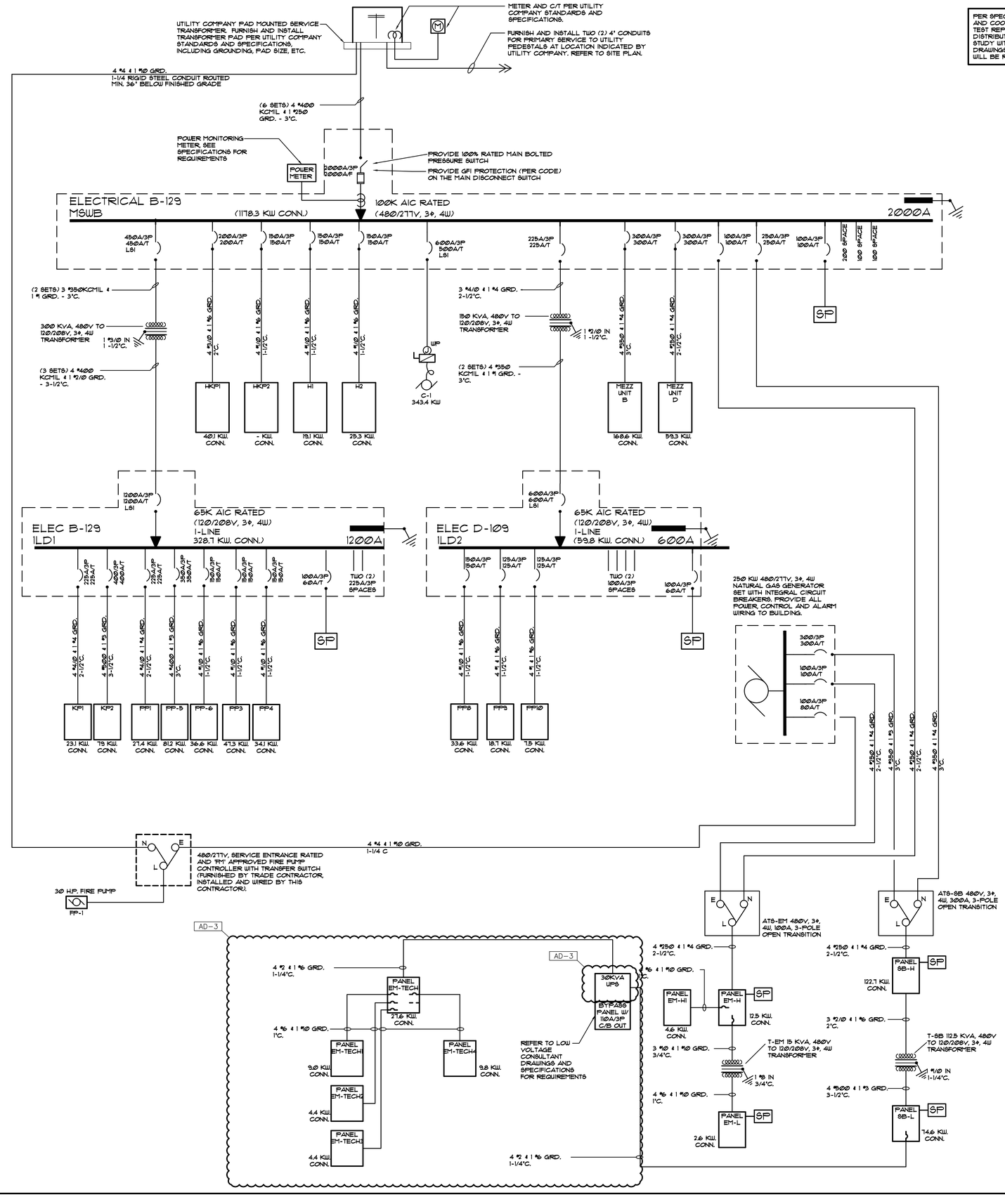
ELECTRICAL SCHEMATIC ONE-LINE DIAGRAM

PER SPECIFICATION SECTION 260573 PROVIDE AN ARC FLASH AND COORDINATION STUDY. 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.



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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY MS
CHECKED BY DJ

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

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DRAWING
ELECTRICAL ONE-LINE DIAGRAM

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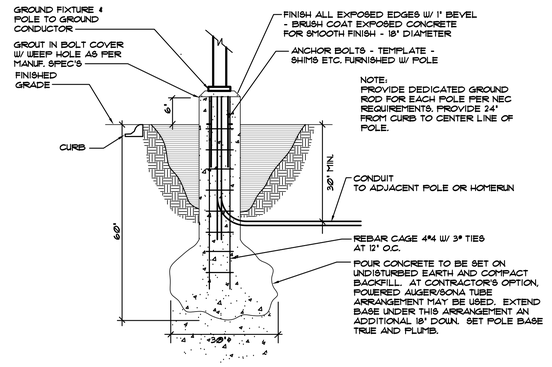
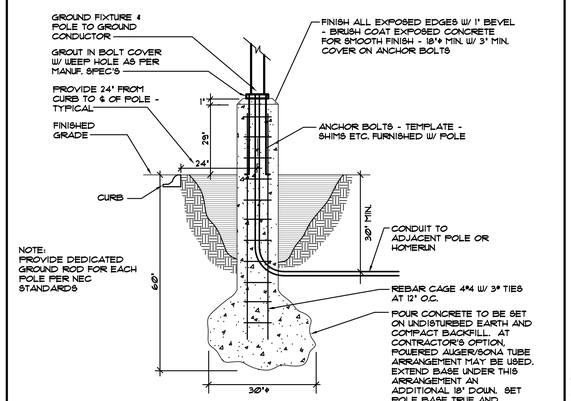
6" POLE BASE DETAIL - GRASSY AREAS



TYPICAL 30" CONCRETE POLE BASE DETAIL - PARKING LOT AREAS



EXTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EA		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-P8-40K-T5W-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN10000LM MAX 54W	POLE MTD 25'-0" AFG	
EA1		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-P8-40K-T2M-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 24000LM MAX 185W	POLE MTD 25'-0" AFG	
EA2		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-XX-40K-XX-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 20000LM MAX 140W	POLE MTD 25'-0" AFG	
EA2A		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-XX-40K-XX-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 19000LM MAX 140W	POLE MTD 25'-0" AFG	
EA3		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-XX-40K-XX-277-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 35000LM MAX 216W	POLE MTD 25'-0" AFG	
EB		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *LBT-P1-40K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *188 SERIES	277 VOLT	LED 4000K MIN 1500LM MAX 14W	WALL MTD ABV. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EB1	AD-3	EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *LBT-P2-40K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *188 SERIES	277 VOLT	LED 4000K MIN 1000LM MAX 32W	WALL MTD 12'-0" AFG OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EK		EXTERIOR SURFACE MOUNTED CANOPY FIXTURE	HUBBEL *LSQ2-10-40CT-UNV-XX-X OR APPROVED EQUAL	120/277 VOLT - - -	LED 4000K MAX 75W -	SURFACE MOUNTED - -	STANDARD COLOR TO BE SELECTED BY ARCHITECT - -
EE	AD-2	FLAGPOLE LIGHT WITH FULL SHIELD	LITHONIA *DSXF3-LED-6-P1-40K-N8P-MVOLT-XX-XX-FV-VG-XX OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 1816 LM MAX 16?W	GRADE MTD	-VERIFY FINISH WITH ARCHITECT.

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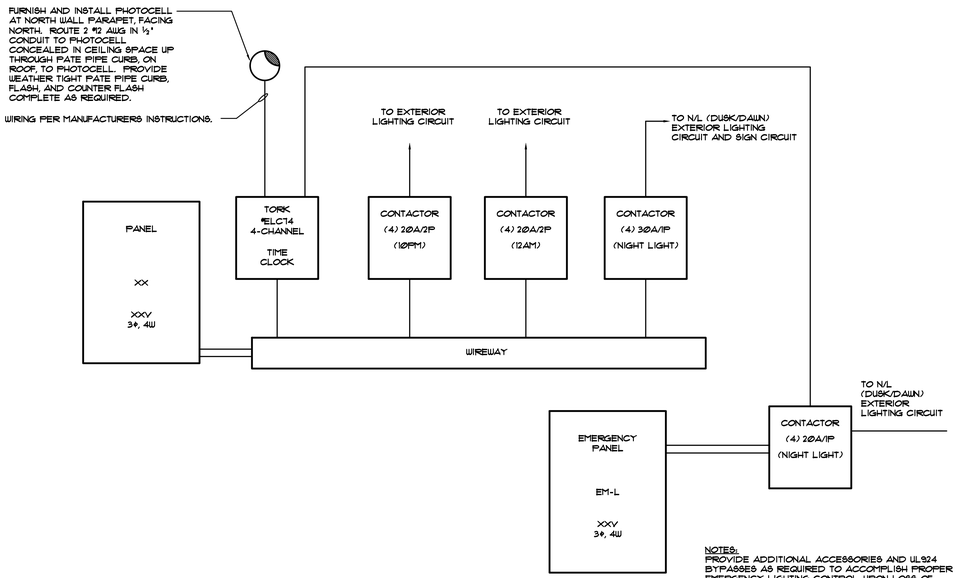
EXTERIOR LIGHTING CONTROL SEQUENCE DIAGRAM

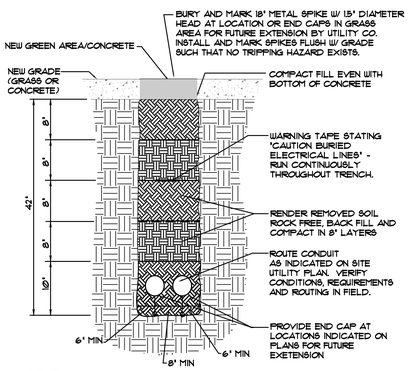


NOTES:
PROVIDE ADDITIONAL ACCESSORIES AND UL924 BYPASSES AS REQUIRED TO ACCOMPLISH PROPER EMERGENCY LIGHTING CONTROL. UPON LOSS OF POWER, CONTRACTORS SHALL BE BYPASSED, AND EMERGENCY POWER FIXTURES SHALL BE FULLY ON REGARDLESS OF LIGHTING CONTROL SYSTEM STATE.

VERIFY ACCEPTABILITY OF TIME CLOCK SETTINGS WITH OWNER'S REPRESENTATIVE.

TRENCH DETAIL

N.T.S.



LEGEND:

— — — INDICATES CONDUIT ROUTED MINIMUM 36" BELOW GRADE AND LISTED FOR DIRECT BURIAL WITH NYLON PULL WIRE. COORDINATE CONDUIT TYPE WITH SPECIFICATIONS. ALL CONDUIT BENDS SHALL BE GALVANIZED RIGID STEEL CONDUIT WITH NO LESS THAN 36" BENDING RADIUS.

[PROPERLY TERMINATE, CAP AND SPIKE WITH 18" METAL SPIKE W/ 15" DIAMETER FOR FUTURE EXTENSION.

FIXTURE GENERAL NOTES

1. INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
3. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
4. EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE STEEL POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.3 GUST FACTOR. MINIMUM POLE SIZE TO BE 5" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
5. FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
6. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
7. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
8. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
9. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
10. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
11. PROVIDE 5000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.
12. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
13. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
14. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
15. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630.307.6955), FORCE CHICAGO (312.986.1515) OR FG ENLIGHTEN (847.228.1199).
16. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

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PROJECT 21-134
DATE 03/31/2022
COORDINATED BY JC
DRAWN BY MS
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/21/22	ADDENDUM NO. 2
AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
ELECTRICAL NOTES, DETAILS & DIAGRAMS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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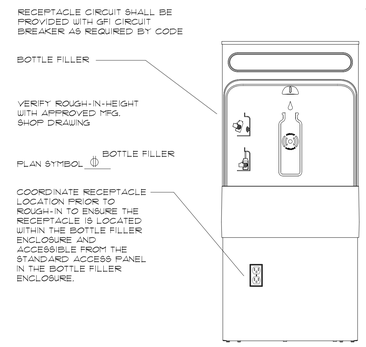
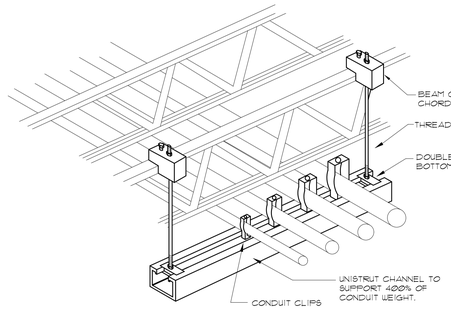
BOTTLE FILLER WIRING DETAIL

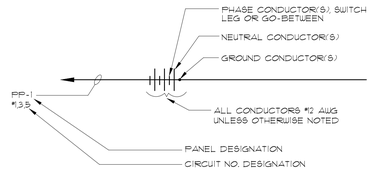
(NTS.)



2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



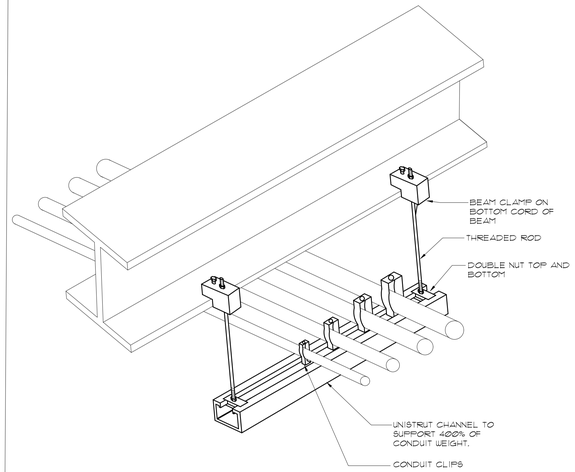
KEY TO ELECTRICAL CIRCUIT WIRING



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.

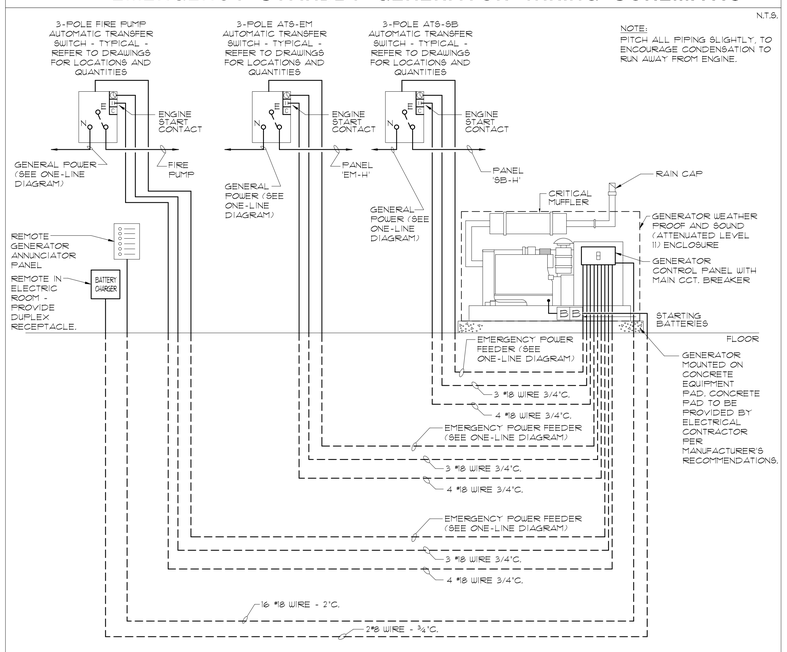
2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



EMERGENCY STANDBY GENERATOR WIRING SCHEMATIC

AD-1

N.T.S.



INTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA	▬	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-40L-ADP-EZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 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 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 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 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 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-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - -
AA4	▬	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-72L-ADP-EZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 60 W MIN 7200 LM	RECESSED LAY-IN	- - -
AA5	▬	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-85L-ADP-EZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 74 W MIN 8600 LM	RECESSED LAY-IN	- - -
AB	■	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-48L-ADP-EZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 44 W MIN 4800 LM	RECESSED LAY-IN	- - -
AB1	■	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-40L-ADP-EZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - -
AC	▬	2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA *2GTL4-88L-RW-A19INV-MVOLT-EZI-LP840-ABC COLUMBIA *LJT24 SERIES METALUX *GR LED SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI >85 MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING - -
CA	●	6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA *LDN6-40-15-LO6-AR-LSS-MVOLT-EZI0-XX PRESCOLITE *LTR SERIES 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	●	6" DIAMETER LED NARROW BEAM DOWNLIGHT	GOTHAM *EVO6-40-30-AR-ND-LSS-XX-XX PORTFOLIO *LD6B SERIES CON-TECH *RALF1-6 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 30 W MIN 3000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
FA	▬	LINEAR LED FIXTURE FOR DISPLAY CASE WITH 45 DEG. EXTRUSION AND CONTINUOUS LENGTHS AS SHOWN	OPTIC ARTS *LL72-HO-4K-X-X-X-X-X Q-TRAN *BW 24-50-DRY-40K / VEVE-FR OR APPROVED EQUAL PROVIDE WITH POWER SUPPLIES AND ALL ACCESSORIES AS REQUIRED	MV VOLT MLV DIM -	LED 4000K MAX 4.5W/FT MIN 440 LM/FT	SURFACE	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASEWORK
PA	▬	8', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L96-8000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120/277 VOLT 0-10V DIM -	LED 4000K CRI >85 MIN 8000 LM	'Y' CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
PA1	▬	4', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-5000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120/277 VOLT 0-10V DIM -	LED 4000K CRI >85 MIN 7000 LM	'Y' CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
PA2	▬	4', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-10000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120/277 VOLT 0-10V DIM -	LED 4000K CRI >85 MIN 10000LM	'Y' CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
PB	▬	LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE AD-3	LITHONIA *BG-32L-SEF-AFL-GND-MVOLT-GZ10-40K-80CRI-UGX-XX-XX COLUMBIA *PEL4 SERIES METALUX *CHB SERIES	120/277 VOLT 0-10V DIM -	LED 4000K MAX 178 W 30000 LM	CABLE MTD 6' ABOVE BOTTOM OF STRUCTURE	-PROVIDE WIREGUARD AND SAFETY CABLE - -
PE	▬	LED CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE	MARK ARCHITECTURAL LIGHTING *54LID-LLP-X-MBL4-80-40K-1400LMF-80-40K-600LMF-X-MINI-120-WHT-ZT-P2/36A-RDCY-WHTCY -WORD NULITERP44-B-03-03-L40-U-D-X-X-FRF-XX-TI-X-120-XX LUMENIERGY *VIA4PD1-HLO-FH-WIO-LED-80-400-400-40-X-UNV-D1-1-53WAC36-X	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 800LM/FT MAX 15W/FT	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT -
PD	●	LED TRACK LIGHTING	JUNO ALTER TRAKS NEMA *T26SL-G2-40K-T26SL-HTEK-G2-40K-80CRI-FDIM-FL OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 3000LM MAX 35W	SUSPENDED VERIFY W/ ARCHITECT -	- - -
CE	●	6' DIAMETER LED WITH SLOPE CEILING ADAPTER	GOTHAM *EVO6-40-40-AR-XX-MD-XX-MVOLT OR APPROVED EQUAL	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 39 W MIN 4000 LM	RECESSED SLOPED	-VERIFY TRIM FINISH WITH ARCHITECT
XA	⊗ ⊗	SINGLE FACE EXIT, AC ONLY	DUAL-LITE *SE-S-R-X LITHONIA *LE-S-X-1-R-X SURE-LITES *CX SERIES	120 VOLT - - -	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XB	⊗	DUAL FACE EXIT AC ONLY	DUAL-LITE *SE-D-R-X LITHONIA *LE-S-X-2-R-X SURE-LITES *CX SERIES	120 VOLT - - -	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XC	⊗ ⊗	SINGLE FACE EXIT, AC ONLY, BLACK FINISH	DUAL-LITE *SE-S-R-B LITHONIA *LE-S-1-R-X SURE-LITES *CX SERIES	120 VOLT - - -	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
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
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
MS
CHECKED BY
DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/14/22	ADDENDUM NO. 1
AD-3	04/28/22	ADDENDUM NO. 3

DRAWING
ELECTRICAL NOTES, DETAILS & DIAGRAMS

PROJECT
NEW YOST ELEMENTARY SCHOOL

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PUMP EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD WATTS	HP	MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER CABLE	FEEDER C	STARTED BY: MC.	STARTED BY: EC.	REMARKS
BP-1	BOILER PUMP	2491	1 1/2	-	480	3	SB-H	H2,4,6	15A/3P	4 #12 & 1 #12 GRD.	¾"	X	-	ACROSS THE LINE STARTER
BP-2	BOILER PUMP	2491	1 1/2	-	480	3	SB-H	H8,10,12	15A/3P	4 #12 & 1 #12 GRD.	¾"	-	-	ACROSS THE LINE STARTER
BP-3	BOILER PUMP	2491	1 1/2	-	480	3	SB-H	H14,16,18	15A/3P	4 #12 & 1 #12 GRD.	¾"	-	-	ACROSS THE LINE STARTER
CP-1	HOT WATER PUMP	9134	7 1/2	-	480	3	HKP1	HK1:14,16,18	20A/3P	4 #12 & 1 #12 GRD.	¾"	-	-	VARIABLE FREQUENCY DRIVE
HWP-1	CHILLED RECIRC WATER PUMP	9134	7 1/2	-	480	3	SB-H	H25,27,29	20A/3P	4 #12 & 1 #12 GRD.	¾"	-	-	ACROSS THE LINE STARTER
HWP-2	CHILLED RECIRC WATER PUMP	9134	7 1/2	-	480	3	SB-H	H19,21,23	20A/3P	4 #12 & 1 #12 GRD.	¾"	-	-	ACROSS THE LINE STARTER
CWP-1	CHILLED WATER PUMP	9134	7 1/2	-	480	3	HKP1	HK1:2,4,6	20A/3P	4 #12 & 1 #12 GRD.	¾"	-	-	VARIABLE FREQUENCY DRIVE
CWP-2	CHILLED WATER PUMP	9134	7 1/2	-	480	3	HKP1	HK1:8,10,12	20A/3P	4 #12 & 1 #12 GRD.	¾"	-	-	VARIABLE FREQUENCY DRIVE

ELEC-MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD WATTS	LOAD HP	LOAD MCA	LOAD FLA	LOAD AMPS	MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER CABLE	FEEDER C	STARTER BY: MC.	STARTER BY: EC.	LOCATION	REMARKS
EUH-1	UNIT HEATER	3000	-	-	-	-	-	120	1	PP-1	1	25A/1P	2 #10 & 1#10 GRD	⅞"	-	X		

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD WATTS	LOAD HP	LOAD MCA	LOAD FLA	LOAD AMPS	MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER CABLE	FEEDER C	STARTER BY: MC.	STARTER BY: EC.
C-1	CHILLER	342955	-	413	-	-	500	480	3	MDP	MDP	500A/3P	(2 SETS)4 # 250KCMIL & 1 #2 GRD	(2) 3"	X	-
B-1	BOILER	6643	-	-	8	-	15	480	3	SB-H	H1,3,5	15A/3P	4 #12 & 1 #12 GRD	¾"	X	-
B-2	BOILER	6643	-	-	8	-	15	480	3	SB-H	H7,9,11	15A/3P	4 #12 & 1 #12 GRD	¾"	X	-
B-3	BOILER	6643	-	-	8	-	15	480	3	SB-H	H13,15,17	15A/3P	4 #12 & 1 #12 GRD	¾"	X	-
AH-1	AIR HANDLING UNIT	58958	-	71	-	-	110	480	3	MEZ B	1,3,5	110A/3P	4 # 1 & 1 & 6 GRD	1-1/2"	X	-
	AIR HANDLING UNIT (EX FAN)	-	-	-	-	-	-	-	-						-	-
AH-2	AIR HANDLING UNIT	15404	-	19	-	-	25	480	3	MEZ B	2,4,6	25A/3P	4 #10 & 1 #10 GRD	¾"⅛"	X	-
	AIR HANDLING UNIT (EX FAN)	-	-	-	-	-	-	-	-						-	-
AH-3	AIR HANDLING UNIT	63941	-	77	-	-	110	480	3	MEZ B	7,9,11	110A/3P	4 # 1 & 1 & 6 GRD	1-1/2"	X	-
	AIR HANDLING UNIT (EX FAN)	-	-	-	-	-	-	-	-						-	-
AH-4	AIR HANDLING UNIT	29820	-	36	-	-	50	480	3	MEZ B	8,10,12	50A/3P	4 # 6 & 1 #10 GRD	1"	X	-
	AIR HANDLING UNIT (EX FAN)	-	-	-	-	-	-	-	-						-	-
AH-5	AIR HANDLING UNIT	11335	-	14	-	-	20	480	3	MEZ D	1,3,5	20A/3P	4 #12 & 1#12 GRD	¾"	X	-
	AIR HANDLING UNIT (EX FAN)	-	-	-	-	-	-	-	-						-	-
AH-6	AIR HANDLING UNIT	36039	-	43	-	-	70	480	3	MEZ D	2,4,6	70A/3P	4 #4 & 1 #8 GRD	1-1/4"	X	-
	AIR HANDLING UNIT (EX FAN)	-	-	-	-	-	-	-	-						-	-
AH-7	AIR HANDLING UNIT	11335	-	14	-	-	20	480	3	MEZ D	7,9,11	20A/3P	4 #12 & 1#12 GRD	¾"	X	-
	AIR HANDLING UNIT (EX FAN)	-	-	-	-	-	-	-	-						-	-
TEF-1	ROOF TOILET EXHAUST FAN	696	1/4	-	-	-	-	120	1	PP-6	29	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
TEF-2	ROOF TOILET EXHAUST FAN	1920	1	-	-	-	-	120	1	PP-1	21	30A/1P	2 #10 & 1 #10 GRD	¾"	-	X
TEF-3	ROOF TOILET EXHAUST FAN	1920	1	-	-	-	-	120	1	PP-1	23	30A/1P	2 #10 & 1 #10 GRD	¾"	-	X
TEF-4	ROOF TOILET EXHAUST FAN	1176	1/2	-	-	-	-	120	1	PP-4	36	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
TEF-5	ROOF TOILET EXHAUST FAN	696	1/4	-	-	-	-	120	1	PP-1	25	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
TEF-6	ROOF TOILET EXHAUST FAN	1176	1/2	-	-	-	-	120	1	PP-4	22	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
TEF-7	ROOF TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	PP-8	35	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
TEF-8	ROOF TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	PP-8	33	20A/1P	2 #12 & 1 #12 GRD	¾"		
GEF-1	ROOF GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	PP-1	17	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
GEF-2	ROOF GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	PP-1	19	30A/1P	2 #10 & 1 #10 GRD	¾"	-	X
GEF-3	GENERAL EXHAUST FAN	1176	1/2	-	-	-	-	120	1	PP-8	34	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
GEF-4	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	PP-1	16	20A/1P	2 #12 & 1 #12 GRD	¾"	-	X
CH-1	CABINET HEATER	120	-	-	-	2	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1#12 GRD	¾"	X	-
CH-2	CABINET HEATER	240	-	-	-	2	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1#12 GRD	¾"	X	-
UH-1	UNIT HEATER	120	-	-	-	1	-	120	1	PP-8	24	30A/1P	2 #12 & 1 #12 GRD	¾"	X	-
UH-2	UNIT HEATER	240	-	-	-	2	-	120	1	PP-2	12	30A/1P	AD-3 2 #12 & 1 #12 GRD	¾"	X	-
AC-1/CU-1	AC/CONDENSING UNIT	3952	-	19	-	-	26	208	1	SB-L	L14,16	30A/2P	3 #10 & 1 #10 GRD	¾"	X	-
AC-2/CU-2	AC/CONDENSING UNIT	3328	-	16	-	-	20	208	1	SB-L	L18,20	20A/2P	3 #12 & 1 #12 GRD	¾"	X	-
AC-3/CU-3	AC/CONDENSING UNIT	3328	-	16	-	-	20	208	1	SB-L	L22,24	20A/2P	3 #12 & 1 #12 GRD	¾"	X	-
AC-4/CU-4	AC/CONDENSING UNIT	3328	-	16	-	-	20	208	1	SB-L	L26,28	20A/2P	3 #12 & 1 #12 GRD	¾"	X	-
RCP-1	AC/CONDENSING UNIT	96	1/6	-	-	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD	¾"		
RCP-2	AC/CONDENSING UNIT	240	1/6	-	-	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD	¾"		
WS-1	WATER SOFTENER	800	-	-	-	-	-	120	1	SB-L	4	20A/1P	2 #12 & 1 #12 GRD	¾"	-	-
DBP-1	DOMESTIC BOOSTER PUMP	6318	(2)5	-	-	-	-	480	3	HKP1	VARIES	15A/3P	(2 SETS)4 #12 & 1 #12 GRD	(2) ¾"	-	-
TWH-1	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	SB-L	L2	20A/1P	2 #12 & 1 #12 GRD	¾"	-	-
TWH-2	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	SB-L	L2	20A/1P	2 #12 & 1 #12 GRD	¾"	-	-
TWH-3	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	SB-L	L2	20A/1P	2 #12 & 1 #12 GRD	¾"	-	-

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PROJECT
21-134
DATE
03/31/2022
COORDINATED BY
JC
DRAWN BY
MS
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	04/28/22	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
NEW YOST ELEMENTARY SCHOOL

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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 RACEWAY CABLE AREA SHALL SUBSTANTIALLY MATCH THAT OF THE DEFAULT STANDARD ROUGH-IN. 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

X LI 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 X LI X	**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.
Y VP	**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 Y VP	**VIDEO PROJECTOR WALL MOUNTED** QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL
Y FP	**FLAT PANEL DISPLAY CEILING MOUNTED - NETWORK** QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL
FP Y FP	**FLAT PANEL DISPLAY WALL MOUNTED - NETWORK** QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y= MODEL / HEIGHT = 60" (UNLESS OTHERWISE NOTES)
AV X Y	**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 X	**MICROPHONE INPUT – CEILING MOUNT** X = SYSTEM SEE SYTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
S X Y	**SYSEM SPEAKER – RECCESSED CEILING MOUNTED** X = SYSTEM Y= MODEL
S X Y	**SYSTEM SPEAKER – WALL MOUNTED** X = SYSTEM Y = MODEL
X S Y	**SYSTEM SPEAKER – PENDANT MOUNTED** X = SYSTEM Y = MODEL
S X Y	**SYSTEM SPEAKER – CEILING MOUNTED** X = SYSTEM Y = MODEL
CP X Y	**A/V CONTROL PANEL** X = SYSTEM Y = TYPE SEE SYTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
IWB X Y	**INTERACTIVE WHITE BOARD** A/V SYSTEM CONTROL PANEL

SECURITY/LIFE SAFETY

	VIDEO SURVEILLANCE CAMERA OUTLET WALL MOUNTED QUAINTY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
Y	**VIDEO SURVEILLANCE CAMERA OUTLET CEILING MOUNTED** QUAINTY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
	VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL QUAINTY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE EXTERIOR MOUNTING WITH ARM
SC X	**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.
EHO	**ELECTRONIC HOLD OPEN** CABLE AS REQUIRED BY SYSTEM
	ELECTRIC DOOR LOCK/STRIKE REQUIRES 120V POWER
SM X	**SECURITY MONITOR** ONE DATA CABLE, PLUS OTHER SPECIAL A/V CABLES AS REQUIRED BY SYSTEM X = TYPE

DISTRIBUTED SYSTEMS

S V Y	**SPEAKER – SUSPENDED CEILING MOUNTED** CABLE AS REQUIRED BY SYSTEM V = INTREGAL VOLUME CONTROL Y = MODEL
S V Y	**SPEAKER – SOLID CEILING MOUNTED** CABLE AS REQUIRED BY SYSTEM V = INTREGAL VOLUME CONTROL Y = MODEL
S Y	**SPEAKER, WALL TYPE** CABLE AS REQUIRED BY SYSTEM Y = MODEL
S P Y	**SPEAKER, PENDANT** CABLE AS REQUIRED BY SYSTEM Y = MODEL
V P	**SPEAKER, VOLUME CONTROL** CABLE AS REQUIRED BY SYSTEM P = PRIORITY OVERRIDE OPTION
H Y	**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
CLOCK Y	**LED CLOCK – CEILING MOUNTED** QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL
CLOCK CLOCK Y	**LED CLOCK** QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL, DOUBLE SIDED
CLOCK Y	**LED CLOCK – WALL MOUNTED** QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL

TELECOMMUNICATIONS

X Y X	**VOICE OUTLET; STANDARD** X = QUANTITY OF - (4) PAIR VOICE CABLES CABLE WITHOUT SUBSCRIPT) B = BLANK COVER. NO CONNECTORS OR CABLE
W W	**VOICE OUTLET; WALL MOUNTED TELEPHONE** QUANTITY OF ONE - (4) PAIR VOICE CABLES CABLE WITHOUT SUBSCRIPT)
X X	**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
X F X 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
X Y X Y	**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
X POS X 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
X	**ABOVE CEILING OUTLET** X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT)
BAS BAS	**BUILDING AUTOMATION SYSTEMS OUTLET** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDIATE OUTLET LOCATION WITH BUILDING CONTROLS CONTRACTOR
FACP FACP	**FIRE ALARM CONTROL PANEL** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH FIRE ALARM CONTRACTOR
ELEV ELEV	**ELEVATOR CONTROL OUTLET** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH ELEVATOR CONTRACTOR
EMER EMER	**EMERGENCY TELEPHONE OUTLET** QUANTITY OF ONE - (4) PAIR VOICE CABLES (UNLESS OTHERWISE NOTED) COORDINATE OUTLET LOCATION WITH SECURITY SYSTEM CONTRACTOR
2 SP 2 SP	**SECURITY ALARM PANEL OUTLET** QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH SECURITY SYSTEMS CONTRACTOR

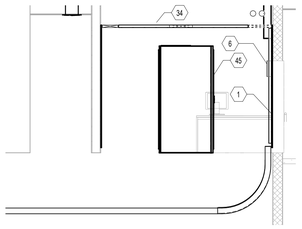
AD-3

SCOPE OF WORK

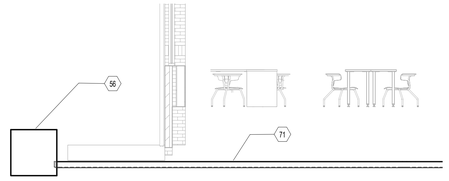
(1) "T" SERIES DRAWINGS BEING ISSUED FOR SCOPE AND COORDINATION.
(2) THE SOUND AND SECURITY SYSTEMS EQUIPMENT WILL BE PART OF A FUTURE BID PACKAGE. THE SCOPE OF WORK FOR THE DEVICES SHOWN ON THE CURRENT DRAWINGS INCLUDE BOXES, CONDUITS AND FOUR PAIR DATA CABLING FOR DEVICES AS INDICATED ON THE SYMBOL LEGEND.
(3) 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.
(4) 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 PURPOSES; THE ELECTRICAL OUTLETS AND POWER EQUIPMENT IS THE RESPONSIBILITY OF DIVISION 26. LIKEWISE, SOME TELECOMMUNICATIONS CONDUITS APPEAR ON E SERIES SHEETS FOR SPACE COORDINATION; TELECOMMUNICATIONS PATHWAY AND SPACES ARE COVERED UNDER DIVISION 27.
(5) REFER TO DIVISION 26 AND DIVISION 27 SPECIFICATIONS FOR ADDITIONAL INFORMATION.
(6) NOTE : NO LOW VOLTAGE CABLING SHALL RUN EXPOSED IN AREAS OF THE BUILDING THAT DO NOT HAVE CEILINGS (I.E. GYMNASIUMS, LOCKER ROOMS, ETC.) PROVIDE CONDUITS THAT EXTEND TO NEAREST ACCESSIBLE CEILING SPACE.

LEGEND NOTES

(1) BASE SYMBOLS ARE UTILIZED TO REFERENCE THE FLOORPLAN LOCATION AND PROPER ROUGH-IN REQUIREMENTS. WHERE SUBSCRIPTS ARE USED WITH THESE SYMBOLS, THEY MODIFY THE REQUIREMENTS.
(2) ROUGH-IN REQUIREMENTS CAN BE FOUND ON THE "T-7XX" SERIES DRAWINGS. PRIOR TO INSTALLATION OF ROUGH-IN, VERIFY ROUGH-IN SIZE REQUIREMENTS WITH DEVICE SUPPLIER.
(3) INCREASE SIZE OF BOX, AS REQUIRED TO ACCOMMODATE THE QUANTITY AND SIZE OF CONDUITS ENTERING BOX.
(4) ALL 1-GANG AND 2-GANG ROUGH-IN BOXES, RECESS/FLUSH MOUNTED, SHALL BE ASSEMBLED FROM 4" SQUARE BOXES AND SEPARATE TRIM RINGS. DEPTH OF COMPOSITE ASSEMBLY SHALL AS INDICATED, MINIMUM.
(5) IN APPLICATIONS WHERE THE DRAWINGS AND/OR SPECIFICATIONS REQUIRE THE USE OF SURFACE RACEWAY AND BOXES IN LIEU OF CONCEALED ROUGH-IN, CONTRACTOR SHALL MATCH THE SIZE OF THE BOX LISTED ON THE LEGEND; SHALL MATCH THE QUANTITY OF USABLE RACEWAYS; AND SHALL MATCH THE USABLE RACEWAY CABLE AREA SUBSTANTIALLY, TO QUANTITY AND SIZES OF RACEWAYS LISTED ON THE LEGEND. CONTRACTOR IS ADVISED THAT THIS MAY REQUIRE PROCUREMENT OF MATERIALS ONLY AVAILABLE BY SPECIAL ORDER FROM THE MANUFACTURERS.
(6) WHERE FIELD CONDITIONS INVOLVE INACCESSIBLE AREAS THE ROUGH-IN SHALL BE MODIFIED TO ALLOW THE PATHWAY TO BE ACCESSIBLE AND REUSABLE.
(7) COLOR CODING OF CABLING SHALL BE COORDINATED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.
(8) SYMBOLS AND SUBSCRIPTS MAY DISTINGUISH BETWEEN VOICE (V) AND DATA (D) INTENDED USES. MATERIALS AND INSTALLATION FOR VOICE AND DATA USES SHALL BE IDENTICAL UNLESS SPECIF

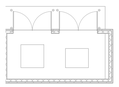


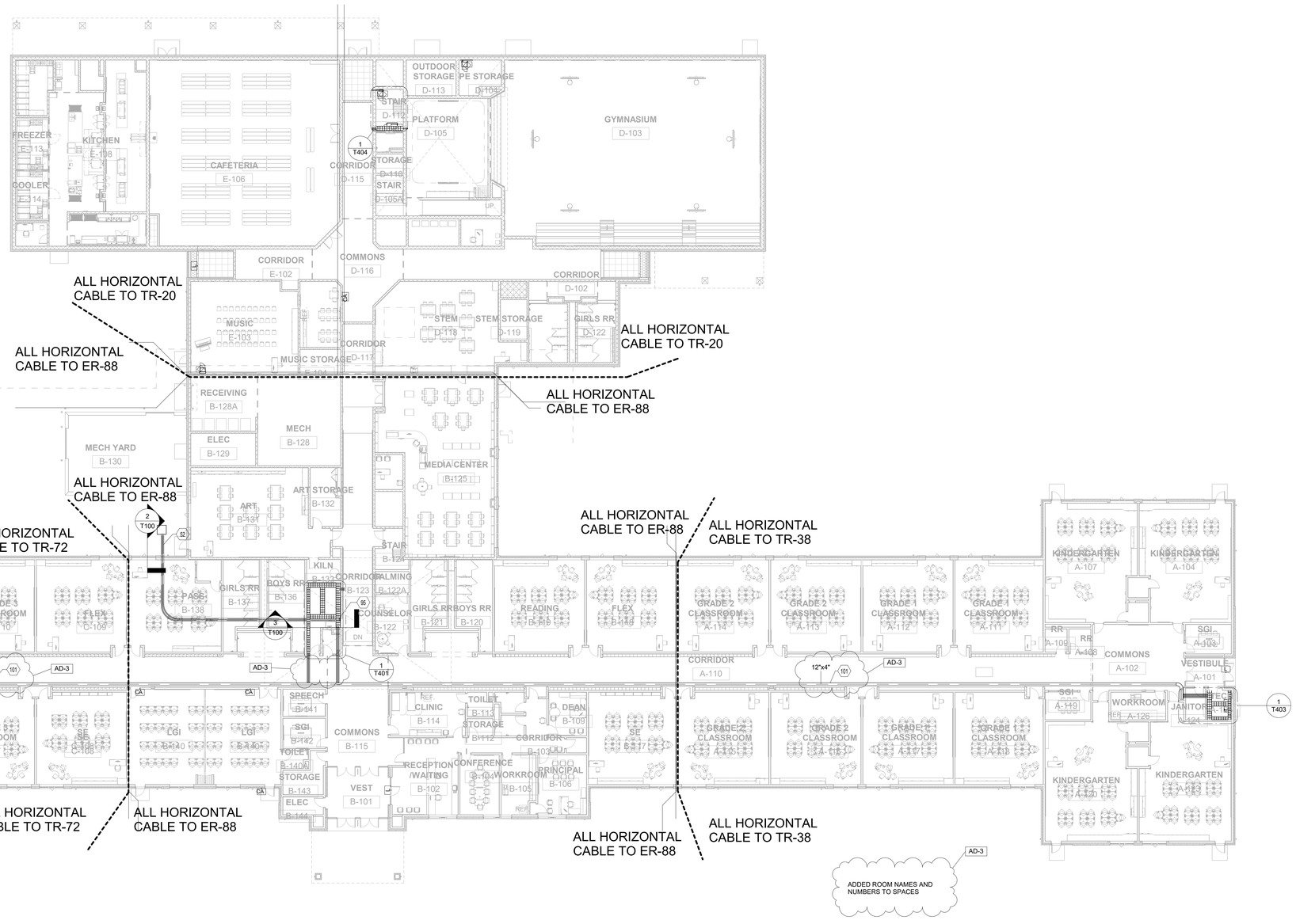
3 ENTRANCE CONDUITS TO ER NORTH VIEW
1/4" = 1'-0"



2 IN GROUND PULL BOX
1/4" = 1'-0"

Keynote Legend	
1	TELECOMMUNICATIONS BACKBOARD; 4' X 8' MOUNTED VERTICALLY AT 6" AFF (TYPICAL).
6	FIBER OPTIC WALL MOUNTED TERMINATION ENCLOSURE.
34	LADDER RACK/CABLE RUNWAY (TYPICAL).
45	FRONT OF RACKS.
52	UNDERGROUND CONDUITS; SEE SITE PLAN FOR CONTINUATION.
56	IN-GROUND OPEN BOTTOM PULL BOX, 36 X 36" MINIMUM. (TYPICAL).
71	4" PVC CONDUIT WITH BUSHINGS (TYPICAL).
95	CONDUITS DOWN THROUGH FLOOR.
101	12" CABLE TRAY BASKET STYLE





1 Telecom Overall New
1/16" = 1'-0"

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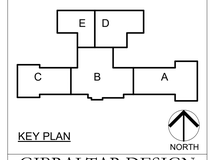
PROJECT:
NEW YOST ELEMENTARY SCHOOL

DUNELAND SCHOOL CORPORATION
601 WEST MORGAN AVENUE
CHESTERTON IN 46304



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DRAWN BY
TKP
CHECKED BY
BKS

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AD-3	4-28-22	ADDENDUM 3

DRAWING
TELECOMMUNICATIONS OVERALL FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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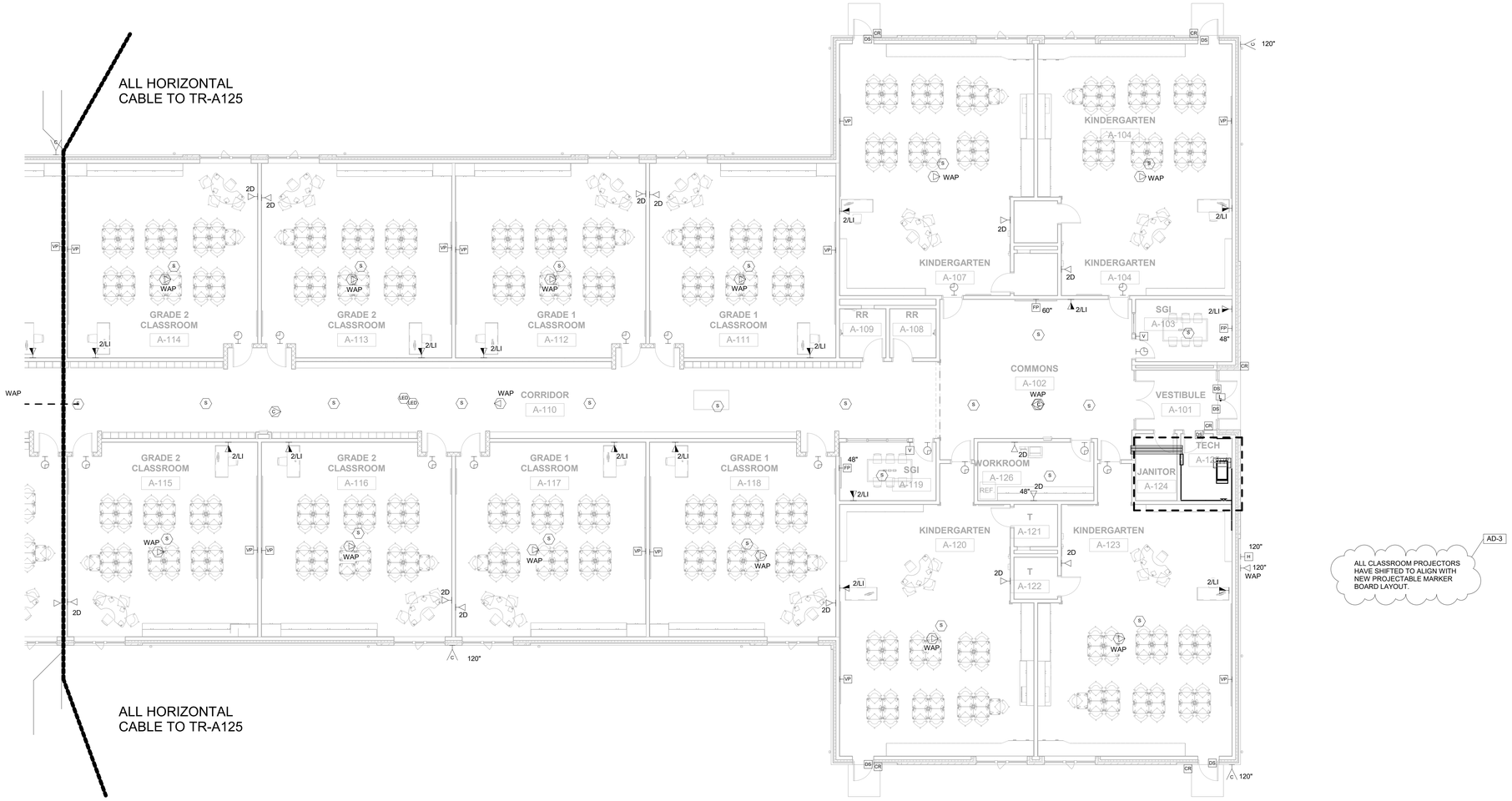

1 Telecom First Floor Unit A
1/8" = 1'-0"

AD-3

ALL CLASSROOM PROJECTORS HAVE SHIFTED TO ALIGN WITH NEW PROJECTABLE MARKER BOARD LAYOUT.

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PROJECT:
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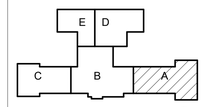
DUNELAND SCHOOL CORPORATION
601 WEST MORGAN AVENUE
CHESTERTON IN 46304



KEY PLAN
NORTH

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DRAWING
UNIT "A"
TELECOMMUNICATIONS FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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A

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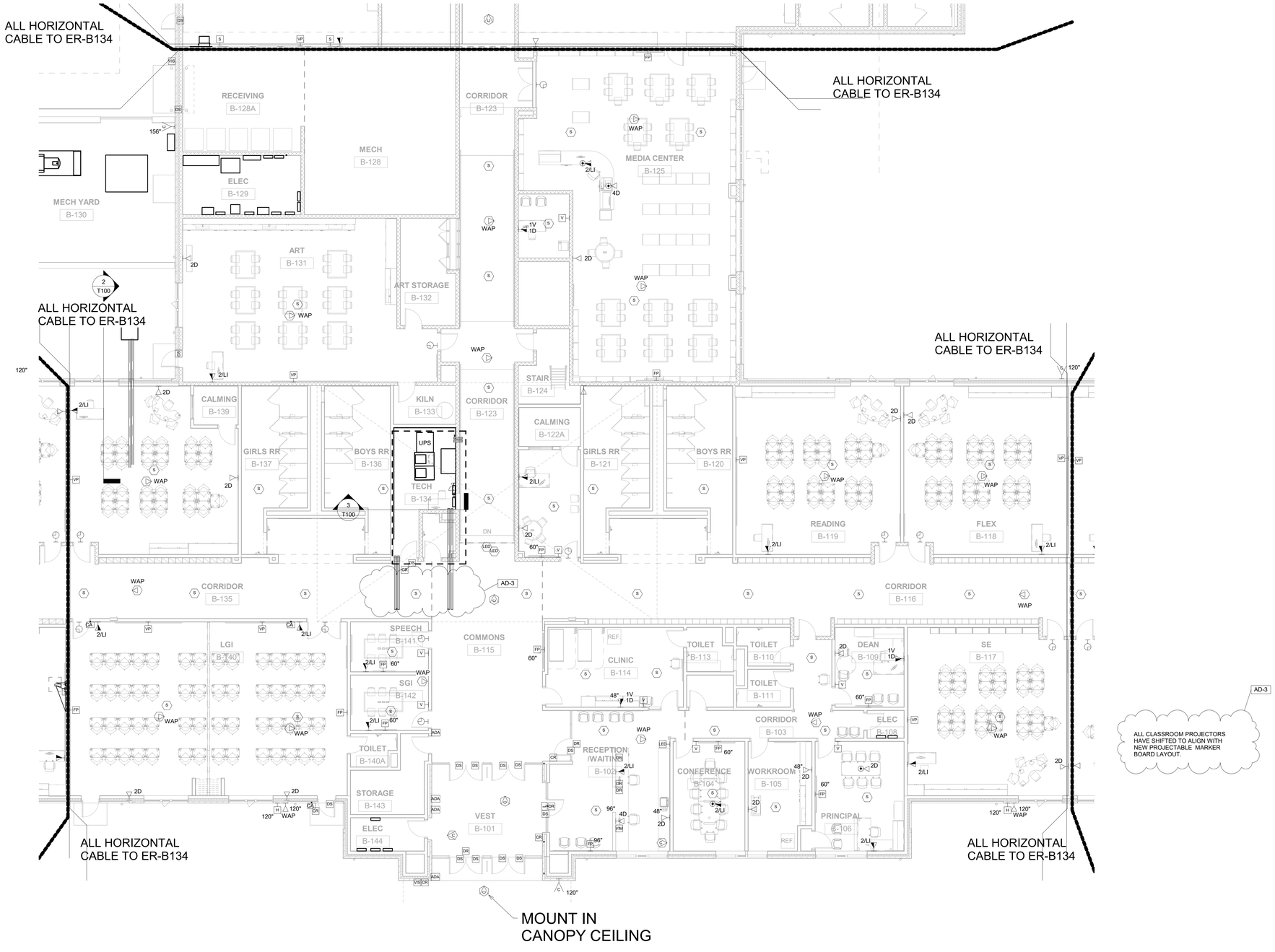

1 Telecom First Floor Unit B
1/8" = 1'-0"

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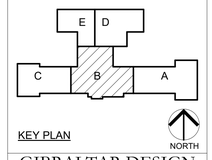

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DRAWN BY TKP
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DRAWING
UNIT "B"
TELECOMMUNICATIONS FIRST FLOOR PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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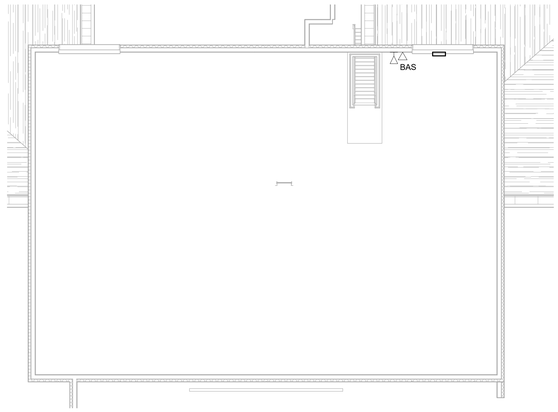
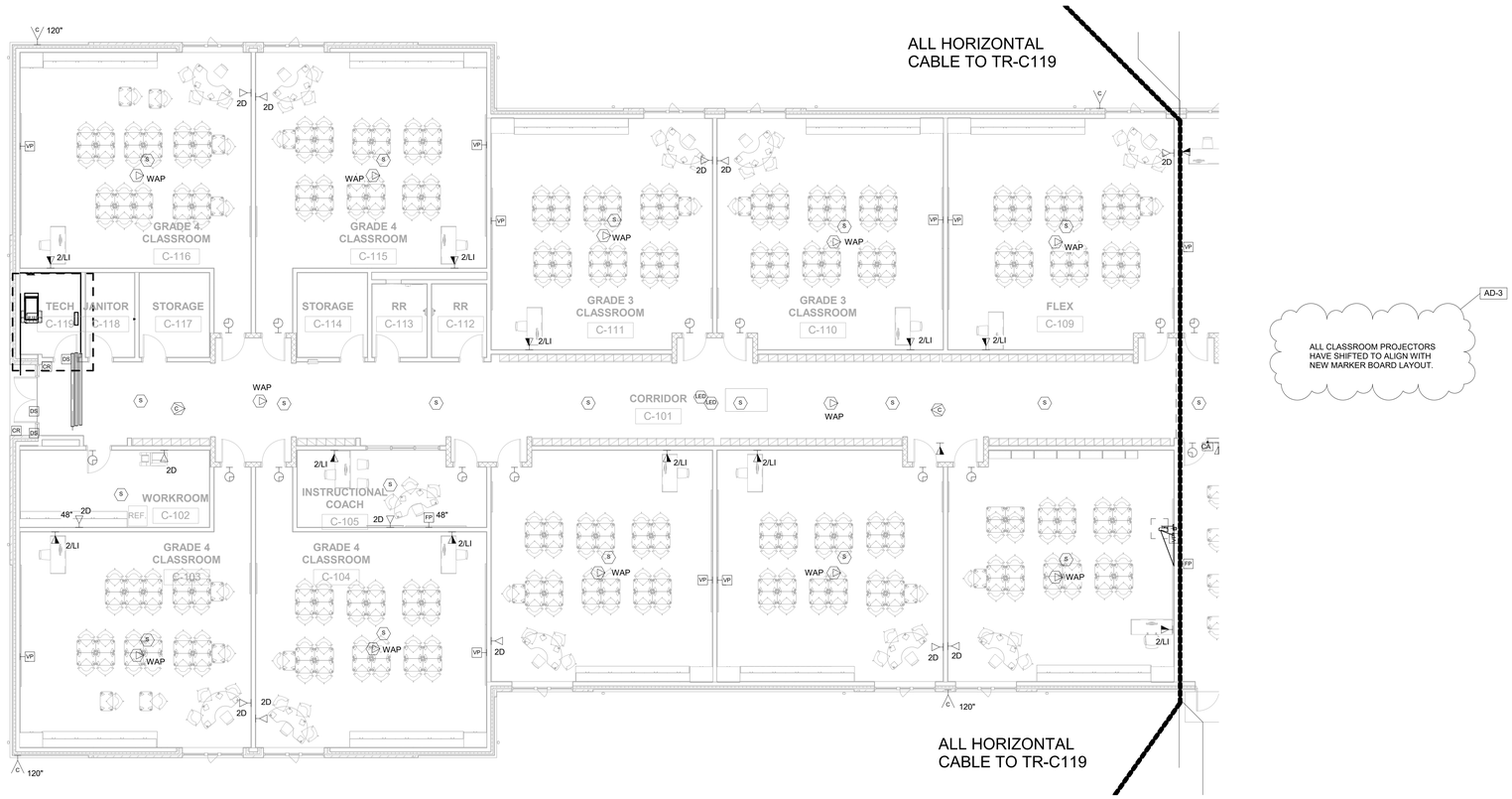


2 Telecom Mezzanine Unit B
1/8" = 1'-0"



1 Telecom First Floor Unit C
1/8" = 1'-0"

AD-3

ALL CLASSROOM PROJECTORS HAVE SHIFTED TO ALIGN WITH NEW MARKER BOARD LAYOUT.

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601 WEST MORGAN AVENUE
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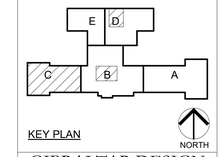

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DRAWING
UNIT "C"
TELECOMMUNICATIONS FIRST FLOOR AND UNIT B MEZZANINE PLAN

PROJECT
NEW YOST ELEMENTARY SCHOOL

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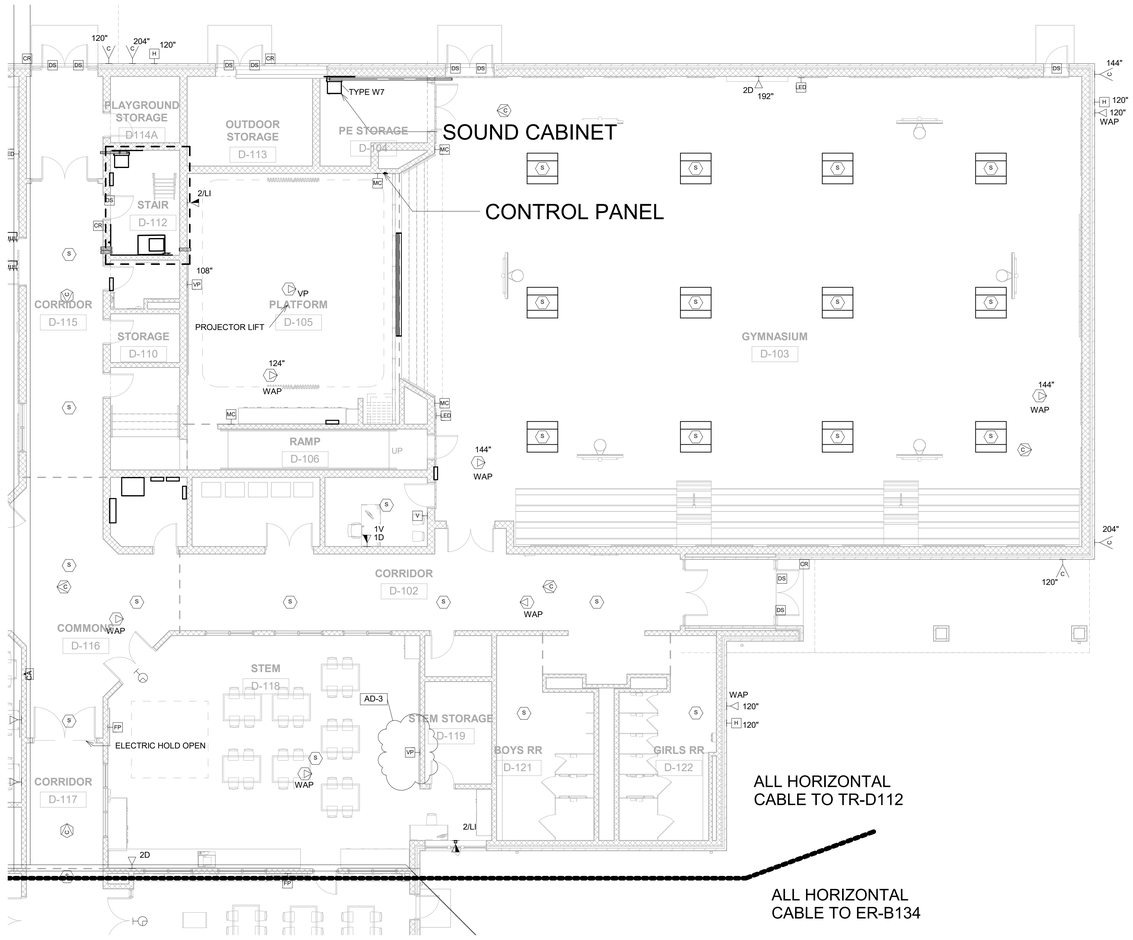

1 Telecom First Floor Unit D
1/8" = 1'-0"

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PROJECT:
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DUNELAND SCHOOL CORPORATION
601 WEST MORGAN AVENUE
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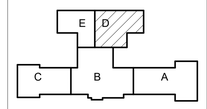

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DRAWING
UNIT "D"
TELECOMMUNICATIONS FIRST FLOOR PLAN

PROJECT
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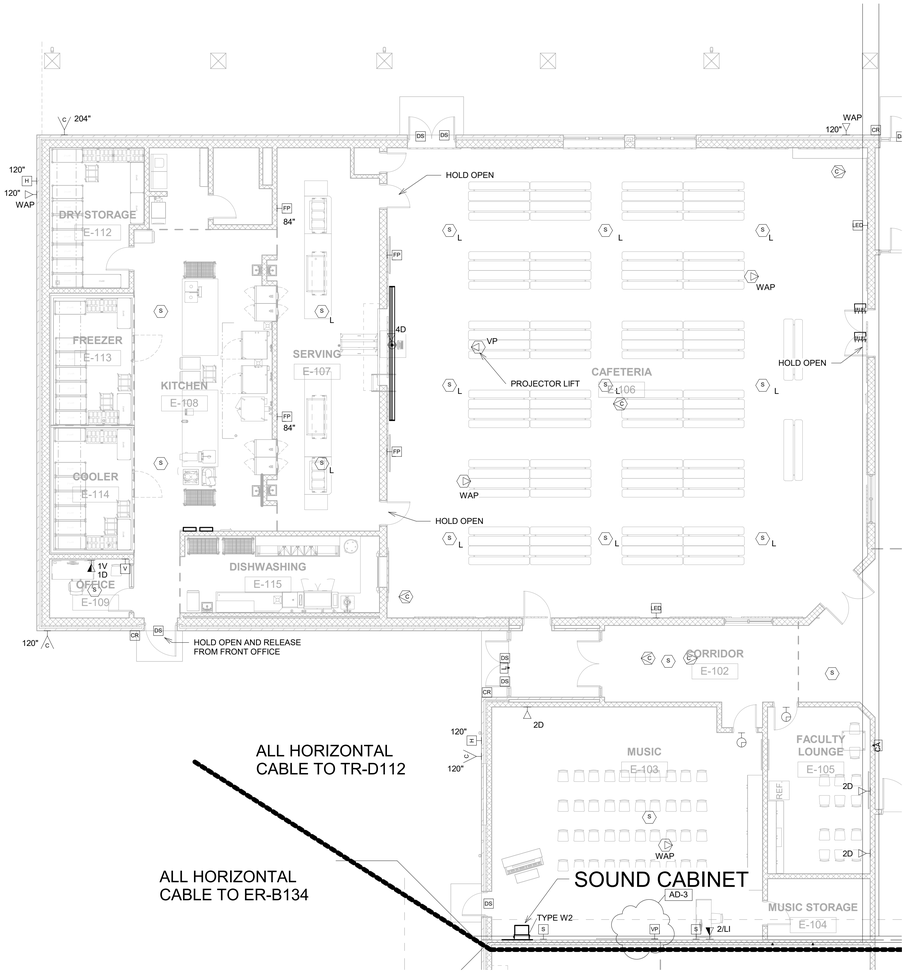

1 Telecom First Floor Unit E
1/8" = 1'-0"

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601 WEST MORGAN AVENUE
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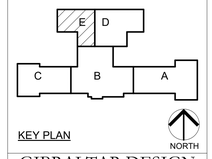

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DRAWING
UNIT "E"
TELECOMMUNICATIONS FIRST FLOOR PLAN

PROJECT
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