ADDENDUM NO. 1

March 30, 2022

COLONEL JOHN WHEELER MIDDLES SCHOOL ADDITION, RENOVATION, AND RELATED WORK

Crown Point, IN 46307

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated March 14, 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 1-1 through ADD 1-2 and attached Addendum No. 1 from Gibraltar Design dated March 28, 2022 and consisting of 7 pages and 51 drawings.

A. SPECIFICATION SECTION 00 20 00 - INFORMATION AVAILABLE TO BIDDERS

1. **Add:**

   The attached Geotechnical Engineering Report

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

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

   1. **Add:**

      Clarification No. 20:
      Reference the AD Drawings; the **Bid Category No. 5 Contractor** shall provide all work indicated on Note 30. All other notes are the responsibility of the **Bid Category No. 1 Contractor** unless otherwise noted.

1. **BID CATEGORY NO. 2 - MASONRY**

    1. **Add:**

        Clarification No. 20:
        The Bid Category No. 2 Contractor shall provide all work associated with removal, salvage, toothing-in and infilling masonry as indicated on the contract documents.

1. **BID CATEGORY NO. 11 - MECHANICAL**

    1. **Add:**

        Specification Section 02 41 30 - Minor Demolition for Remodeling (As Applicable)

2. **BID CATEGORY NO. 12 - ELECTRICAL**

    1. **Add:**

        Specification Section 02 41 30 - Minor Demolition for Remodeling (As Applicable)

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March 21, 2022

Mr. Christopher D'Antonio
Vice President
Construction Field Services, LLC
8762 Louisiana Street, Suite N
Merrillville, Indiana 46410

Re: Geotechnical Engineering Services Report
Colonel John Wheeler Middle School
401 West Joliet Street
Crown Point, Indiana 46307
PSI Project Number: 00474977

Dear Mr. D'Antonio:

Thank you for choosing Professional Service Industries, Inc. (PSI), an Intertek company, as your consultant for the referenced project. Per your authorization, PSI has completed a geotechnical engineering study for the referenced project.

Should there be questions pertaining to this report, please contact our office at (708) 236-0720. PSI would be pleased to continue providing geotechnical services throughout the implementation of the project, and we look forward to working with you and your organization on this and future projects.

Respectfully submitted,
Professional Service Industries, Inc.

David T. Lewandowski, P.E.
Project Engineer
Geotechnical Services

Christopher L. Carson, P.E.
Principal Consultant

Geotechnical Engineering Services Report

Colonel John Wheeler Middle School
401 West Joliet Street
Crown Point, Indiana 46307

Prepared for

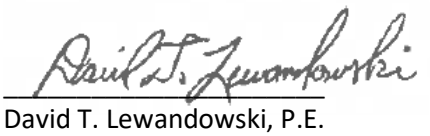
Construction Field Services, LLC
8762 Louisiana Street
Suite N
Merrillville, Indiana 46410

Prepared by

Professional Service Industries, Inc.
4421 West Harrison Street
Hillside, Illinois 60162

March 21, 2022

PSI Project 00474977



David T. Lewandowski, P.E.
Project Engineer
Geotechnical Services

Reviewed by:
Christopher L. Carson, P.E.
Principal Consultant

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PROJECT INFORMATION

Project Authorization

The following table summarizes, in chronological order, the Project Authorization History for the services performed and represented in this report by Professional Service Industries, Inc. (PSI).

PROJECT TITLE: COLONEL JOHN WHEELER MIDDLE SCHOOL		
Document and Reference Number	**Date**	**Requested/Provided By**
Request for Proposal	12.07.2021	Mr. Christopher D'Antonio of Construction Field Services, LLC (CFS)
PSI Proposal Number: 0047-361552	12.09.2021	David T. Lewandowski of PSI
Notice to Proceed / CFS Task Order	1.03.2022	Ms. Veronica Kessler of CFS

Project Description

Based upon the information provided, building additions and renovations have been proposed to the existing learning center building. These improvements include the following:

- Auditorium addition south of the existing learning center
  Height = 37± feet
  Slab-on-grade construction with recessed area (2½± feet) in central part
  New auditorium building plan area = 21,000± square feet
- Connection addition between the existing school and learning center buildings
  Two stories in height
  New building plan area = 5,600± square feet
- Associated pavement improvements south and west of the existing learning center and new auditorium

The following table lists the material and information provided for this project:

DESCRIPTION OF MATERIAL	PROVIDER/SOURCE	DATED
Email: Site Plan with boring locations	CFS / Skillman Corporation	12.07.2021
Email: Aerial image of existing site with boring locations	CFS	12.20.2021
Email: Site Grading Plan for Learning Center dated 3.11.2015	Gibraltar Architects / Schmidt Associates	1.18.2022
Email: Architectural drawings dated 1.10.202	Gibraltar Design	1.20.2022
Phone Conversation	Gibraltar Design	1.20.2022

The following table lists the structural loads and site features that are required for or are the design basis for the conclusions of this report:

STRUCTURAL LOAD/PROPERTY	REQUIREMENT/REPORT BASIS		
BUILDING		**R***	**B***
Maximum Column Loads (Auditorium)	150 kips		X
Maximum Wall Loads (Auditorium)	5 kips per lineal foot		X
Maximum Column Loads (Connection Addition)	50 kips		X
Maximum Wall Loads (Connection Addition)	3 kips per lineal foot		X
Finished Floor Elevation and Type (Auditorium)	EL. 719 / slab-on-grade		X
Finished Floor Elevation and Type (Connection Addition)	EL. 719 / slab-on-grade		X
Maximum Floor Loads	125 psf		X
Settlement Tolerances	1 inch total, ¾ inch Differential		X
PAVEMENTS			
Pavement 18-kip ESAL (cycle & duration)	Light Duty- 30,000 ESALs Heavy Duty – 60,000 ESALs; with a life expectancy of 20 years		X
GRADING			
Planned Grade Variations at Site	Cuts 1± foot Fills up to 6± feet		X

*"R" = Requirement indicates specific design information was supplied.
*"B" = Report Basis indicates specific design information was not supplied; therefore, this report is based on this parameter.

The geotechnical recommendations presented in this report are based on the available project information, building addition locations, and the subsurface materials described in this report. If the noted information is incorrect, please inform PSI in writing so that we may amend the recommendations presented in this report if appropriate and if desired by the client. PSI will not be responsible for the implementation of its recommendations when it is not notified of changes in the project.

Purpose and Scope of Services

The purpose of this study was to explore the subsurface conditions within the site to evaluate and provide recommendations for site preparation and grading and for design of foundation, floor slab, and pavement section systems for the proposed construction. PSI's contracted scope of services included drilling 12 soil test borings at the site to depths ranging from about 10 feet to 30 feet below existing grade, select laboratory testing, and preparation of this geotechnical report. One boring, B-10, was omitted due to conflicts with underground utilities. Borings B-01 through B-05 were drilled to a depth of about 30 feet and Borings B-06 through B-09, B-11, and B-12 extended to a depth of about 10 feet. This report briefly outlines the testing procedures, presents available project information, describes the site and subsurface conditions, and presents recommendations regarding the following:

- A discussion of subsurface conditions encountered including recommended soil properties, site location plan, boring location plan, boring logs, site profiles, and laboratory data.
- Grading procedures for site development.
- Foundation types, depths, allowable bearing capacities and settlement.
- Seismic parameters for use in design.
- Floor slab recommendations.
- Pavement section design and pavement subgrade preparation.
- Comments regarding geotechnical factors that will impact construction and performance of the proposed construction.

The scope of services did not include an environmental assessment for determining the presence or absence of wetlands, or hazardous or toxic materials in the soil, bedrock, surface water, groundwater, or air on, below, or around this site. Any statements in this report or on the boring logs regarding odors, colors, and unusual or suspicious items or conditions are strictly for informational purposes. PSI's scope also did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminants in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence or the amplification of the same. Client should be aware that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture.

SITE AND SUBSURFACE CONDITIONS

Site Location and Description

The site for the proposed building additions is located on the campus of Colonel John Wheeler Middle School at 401 West Joliet Street in Crown Point, Indiana. The existing learning center building is bordered by parking spaces to the north, residences to the south and southwest, the school building complex to the east, and Harrington Avenue to the west. Per the site grading plan provided, the elevations across the proposed development areas range from about EL. 720 to EL. 713. The lowest point of EL. 713 was the detention basin located south of the existing learning center. A larger detention basin with bottom elevation EL. 715 is located west of the learning center building. The site grades slope downward towards the basins.

The year of the original school construction was not provided; however, per Google Earth Pro imagery construction of the school building complex was between the years 2005 and 2006. Per the plans provided, the learning center was constructed in the year 2015. The plan area of the existing learning center appeared to be a baseball field prior to construction.

Per the site plan provided, the learning center building is supported by shallow footings. Per the architect, Gibraltar Design, undercuts extending to a depth of about 8 feet were required to achieve suitable bearing soils during construction of the learning building. The foundation type of the existing school building complex to the east was not provided. This report is based on the existing school building complex also being supported on shallow spread footings. Based on cursory observations of the perimeter of the structures, no obvious indications of settlement-related distress were apparent. In addition, PSI was not informed of any settlement-related distress.

The site latitude and longitude are approximately 41.4165° and -87.3713°, respectively. The following is an aerial image from Google Earth Pro dated April 2017 and generally illustrates the site conditions at the time of drilling:

NORTH

Exploration Procedures and Subsurface Conditions

The soil borings were performed with an all-terrain drill rig and were advanced using 3¼-inch inside diameter hollow-stem augers. Representative samples were obtained employing split-spoon and thin-wall tube sampling procedures in general accordance with ASTM procedures. The laboratory testing program was conducted in general accordance with applicable ASTM specifications. The results of these tests are to be found on the accompanying boring logs located in the Appendix.

Site Geology

The site vicinity is identified by the presence of the Valparaiso Moraine, a moraine characterized by a mostly knob-and-kettle topography in the cast that grades into a gently rolling till plain in the west. The soils generally are well drained, mostly calcareous silty clay loams of the Markham, Elliott, Morley, Blount, and Pewamo series. (Source: The Natural Regions of Indiana by Michael A. Homoya, D. Brian Abrell, James R, Aldrich, and Thomas W. Post. Indiana Natural Heritage Program. Indiana Department of Natural Resources)

Subsurface Conditions

The site subsurface conditions were explored with 11 soil test borings, B-01 through B-09, B-11, and B-12. Five (5) of these borings were drilled within the proposed building addition areas and 6 borings were drilled within proposed parking and drive areas. Building boring depth was 30 feet and pavement borings were drilled to a depth of about 10 feet.

The boring locations and depths were selected by the Skillman Corporation. A boring location plan over an existing aerial image of the site was provided by CFS. PSI used the aforementioned resources to mark the borings at the site.

The surface elevations at the borings were interpolated from the Site Grading Plan document prepared by Schmidt Associates and provided by Gibraltar Design. These values are included on the boring logs.

Bituminous pavement was encountered at the surface of Borings B-01 and B-07. In general, the thickness of the pavement ranged from 2½ inches to 4 inches. The asphalt pavement was underlain by base materials comprised of crushed stone, slag, and asphalt millings. The thickness of the base ranged from 5½ inches to 7 inches.

An organic topsoil layer, dark brown-black organic silty clay, was encountered at the surface of borings B-02 through B-06, B-08, B-09, B-10 and B-11. The thickness of the surficial organic layer ranged from 4 inches to 7 inches at the boring locations.

In borings B-01 through B-05 and B-11 the organic topsoil and pavement were underlain by existing undocumented fill comprised of mixed brown, dark brown, and black lean clay / sandy lean clay. The fill was characterized by a mixed texture indicative of disturbance. In B-01, B-04, and B-11, the fill was underlain by a layer of black sandy clay, apparent buried topsoil. The fill / buried topsoil extended to depths ranging from about 2½ feet to 6½ feet (EL. 716 to EL. 712).

The soils encountered at the borings beneath the surficial organic layer, pavement, and existing fill / buried topsoil primarily included fine-grained soils that extended to depths ranging from about 13 to 17 feet (EL. 706 to EL. 702) in the borings. Based on results of Atterberg limits and visual classification, the soils were classified as low plasticity clay (CL) in accordance with the Unified Soil Classification System (USCS). The standard penetration N-values and estimated unconfined compressive strength testing within these fine-grained soils generally indicate consistencies of medium stiff to very stiff. The low plasticity clay soils were underlain by largely coarse-grained soils that extended to the terminal depth of the borings at about 30 feet. Based on results of visual classification, these coarse-grained soils were classified as poorly graded sand with silt in accordance with the Unified Soil Classification System (USCS). The standard penetration N-values indicate a medium dense relative density.

The following table briefly summarizes the range of results from the field and laboratory testing programs. Please refer to the attached boring logs and laboratory data sheets for more specific information:

PROPERTY DESCRIPTION SOIL STRATA TYPE	Approximate Depths Encountered (ft.)	RANGE OF PROPERTY VALUES					
		Standard Penetration, N	Moisture Content, %	Loss on Ignition, %	Estimated Unconfined Compressive Strength, Qu (tsf)	Liquid Limit, %	Plastic Limit, %
Organic Surficial Soil	0 to 0.6	-	-	-	-	-	-
Pavement Section	0 to 0.8	-	-		-	-	-
Existing Fill / Buried Topsoil: Mixed Brown, Dark Brown, and Black Lean Clay / Sandy Lean Clay	0.8 to 6.5	5 to 10	16 to 25	3	-	38	23
Natural Brown Lean Clay / Sandy Lean Clay	1 to 15	4 to 30	15 to 25*	-	0.5 to 6.2	34	20
Natural Brown Poorly Graded Sand with silt	15 to 30	11 to 22	5 to 23	-	-	-	-

*The exception was B-8 (1 to 2.5 feet) where the moisture content was 36%.

The above subsurface description is of a generalized nature to highlight the major subsurface stratification features and material characteristics. The boring logs included in the Appendix should be reviewed for specific information at individual boring locations. These records include soil/rock descriptions, stratifications, penetration resistances, and locations of the samples and laboratory test data. The stratifications shown on the boring logs represent the conditions only at the actual boring locations. Variations may occur and should be expected between boring locations. The stratifications represent the approximate boundary between subsurface materials and the actual transition may be gradual. Water level information obtained during field operations is also shown on these boring logs. The samples that were not altered by laboratory testing will be retained for sixty (60) days from the date of this report and then will be discarded.

Water Level Measurements

Free water was observed in Borings B-01 through B-05 at depths ranging from about 23½ to 28½ feet (EL. 696 to EL. 694) during drilling. The water was within the poorly graded sand stratum. Upon completion of drilling, no water was observed. Water was not encountered in the remaining test borings. Additionally, discontinuous zones of perched water may exist within the existing fill or other permeable seams in the natural clay.

GEOTECHNICAL EVALUATION

Geotechnical Discussion

There are four (4) primary geotechnical characteristics at this site, which will affect the selection and performance of the foundations for the proposed structures and the development of the site. The following summarizes those concerns:

1. The shear strength and compressibility of the upper soils will control the behavior of the proposed structures.
2. Existing undocumented fill / buried topsoil materials of variable consistency were encountered within the project area.
3. Differential settlement between the existing buildings and the proposed additions should be addressed.
4. Relatively wet and moisture sensitive soils were encountered in the upper parts of the borings and equipment mobility difficulty may be anticipated.

Shear Strength and Compressibility of Soil

The primary geotechnical property controlling the bearing capacity and compressibility of the soils supporting the applied loads is the shear strength of the soils. Based on the estimated finished floor elevations of EL. 719 for the proposed auditorium and connection building and shallow foundations bearing at a depth of 3½ feet (EL. 715±) below exterior or adjacent grades, the applied foundation load on a shallow foundation up to 7 feet wide will be distributed through about 14 to 21 feet of soil generally beneath the footing. PSI believes the shear strength of the natural cohesive soils in this zone ranges from approximately 600 psf to 3,300 psf. PSI believes the shear strength of the natural granular soils in this elevation range can be estimated by angles of internal friction (Ø') ranging from 30º to 35º. PSI anticipates that an engineered fill placed as recommend in this report would have a minimum shear strength of 1,800 psf. This shear strength is considered "undrained" or a "total stress" parameter and will be used in conjunction with other physical and geometric parameters to calculate an allowable bearing capacity.

Existing Undocumented Fill / Buried Topsoil

The presence of undocumented fill / buried topsoil in Borings B-01 through B-05 and B-11 introduces a construction risk due to the potential for excessive and/or non-uniform settlement. Fill is defined as follows:

Fill; Man placed soil is called fill, and the process of placing it is termed filling. One of the most common problems of earth construction is the wide variability of the source soil, termed borrow. An essential part of the geotechnical engineering report is to provide guidance for the placement of fill from a borrow source in a manner that achieves the design parameters for the project being constructed. Fill is further classified by the placement process. The following lists various terms applied to fill placement practices:

a. **Uncontrolled Fill**; fill material that consists of soil and/or non-soil materials that has been placed in a manner that does not produce consistent density, uniform moisture content at time of placement, and in general materials of durable physical characteristics is termed an uncontrolled fill.

b. **Undocumented Fill**; fill material composed of soil that has **not** been observed by a geotechnical engineer or qualified technician under the direction of a geotechnical engineer during the actual fill placement process with physical measurements of lift thickness, dry

density, moisture content at time of placement, location of tests and fill soils placed, and the methodology of placement with types of placement equipment is termed undocumented fill.

c. **Engineered Fill**; fill material that is placed to have specific shear strength, permeability, consolidation, or other physical parameter(s) specific to the end use of the man placed soil material. Applications include, but are not limited to, retaining wall backfill, pond and landfill liners, embankments, dams, and bridge abutments.

The presence of undocumented fill / buried topsoil introduces a construction risk due to the potential for excessive and/or non-uniform settlement. To reduce the settlement risk, PSI recommends that the foundations extend through the existing fill / buried topsoil to suitable natural material or bear on new compacted and documented structural fill soils bearing on suitable natural soils.

Alternatively, helical piles may be considered. A helical pile design will reduce the amount of over-excavation. The piles should extend through the existing fill / buried topsoil and into underlying suitable natural soils.

As an alternative, the proposed auditorium and connection building additions can be supported on a system of helical piles, installed to the deeper competent natural soils. Normally the cost of mobilization for a helical pier installation operation is lower than other deep foundation or ground improvement systems. There would be less noise and vibration (as associated with driven piles or sometimes with rammed aggregate piles). The ultimate capacity of the installed piles is typically determined from the final installation torque which is monitored during installation. Ultimate capacity can also be verified by in-place load testing. The required minimum installation torque occurs as the plates are seated in the proper soil layer. At this site the plates should be seated in the natural medium dense sand at a depth of about 17± feet (EL. 703± feet). The helical piles system is designed and installed by a specialty contractor who will determine helix spacing, required capacities and other details.

In order to reduce (but not eliminate) the potential of larger than normal settlement of pavement areas and floor slabs and to provide some degree of uniform support for slabs-on-grade, PSI recommends that proof-rolling be performed on the existing undocumented fill soils as recommended in the site preparation section of this report. Areas that do not pass a proof-roll should be removed, conditioned, and recompacted or replaced with properly placed and compacted low plasticity structural fill. Note: The way to eliminate the risk of non-uniform settlement is to completely remove and replace the undocumented fill / buried topsoil. An alternative to complete removal and replacement is the use of helical piles beneath the floor slab in addition to the foundation system. Therefore, a structural floor slab would have to be designed and constructed to bear upon grade beams supported by the helical piles.

Differential Settlement

New footings adjacent to the existing buildings should be placed at the same elevation as the existing soil bearing foundations. Based on the soils encountered for the proposed new construction, the soils at a depth of about 7 to 9 feet below existing grades are suitable to support the proposed additions (please see foundation section for allowable bearing capacities). However, differential settlement between the new and existing construction should be expected. Construction joints should be provided between the existing building and the additions. Additional settlements from the existing footings can be anticipated if new footings are constructed within a lateral distance of two times the footing width.

Existing undocumented fill / buried topsoil was encountered to depths up to about 6½ feet. In addition, low strength natural soils were encountered to depths ranging from about 7 to 9 feet. Hence deep undercuts will be required to reach suitable bearing soil for foundation support. During undercutting the foundations or

floor slab, the existing learning center or school building should not be undermined. It is estimated that the existing buildings are supported by shallow footings. Hence during removal of the existing undocumented fill / buried topsoil and low strength natural soils, excavations will probably extend below the existing foundation levels. In this event, the geotechnical engineer should be contacted to review the proposed excavation procedures, prior to their implementation. The use of properly designed shoring and bracing or underpinning (e.g. helical piles) should be utilized as necessary to adequately protect the existing building, utilities, pavements, and other structures. Bracing or underpinning measures should be performed by an experienced specialty Contractor. Additionally, extreme care must be used during the installation of any bracing system, especially those using driven or vibratory methods, in order to avoid damaging the existing building, utilities, and other structures. Consideration should be given to the performance of video and/or photographic documentation of the condition of the existing building, utilities, and other structures prior to installation. PSI recommends performing a series of test pits prior to construction to confirm the actual footing depths coincide with the design depths specified on as-built drawings so that proper construction planning can be developed, and suitable design provided to prevent undermining of the existing foundations.

Equipment Mobility

The presence of wet, potentially moisture sensitive shallow soils will increase the difficulty of site grading. PSI has been involved with projects in this region where these soils can undergo a loss of stability during wetter portions of the year. PSI anticipates that the soils at their current moisture levels will become easily disturbed if subjected to conventional rubber tire or narrow track-type equipment resulting in a loss of strength and characteristic "pumping". Soils that become disturbed would need to be excavated and replaced; however, this remedial excavation may expose progressively wetter soils with depth, thus compounding the condition. Thus, a normal approach to subgrade preparation may not be possible.

GEOTECHNICAL RECOMMENDATIONS

The following geotechnical related recommendations have been developed on the basis of the subsurface conditions encountered and PSI's understanding of the proposed development. Should changes in the project criteria occur, a review must be made by PSI to determine if modifications to our recommendations will be required.

Site Preparation

PSI recommends that topsoil, vegetation, roots, soft, organic, frozen, or unsuitable soils in the construction areas be stripped from the site and either wasted or stockpiled for later use in non-structural areas. Depth of the organic surficial layer (topsoil) in our borings ranged from approximately 4 to 7 inches. It is typical for the organic layer thickness to vary from these values. In addition, the existing pavement sections should be removed. The surficial asphalt ranged from approximately 2½ inches to 4 inches. The asphalt was underlain by base materials that ranged from about 5½ inches to 7 inches. A representative of the geotechnical engineer should evaluate and document the required depth of removal at the time of construction.

PSI recommends that inactive or abandoned utility lines be removed in their entirety from beneath the proposed building addition plans. If loose and/or wet backfill is encountered, these unsuitable materials should also be completely removed. The excavations should be replaced with compacted structural fill as discussed in a subsequent section of this report.

After removal of the inactive/abandoned utilities and the existing undocumented fills, free water and soft saturated soils, if present, should also be removed from the excavation. Subsequently, compacted structural fill can be placed to the proposed subgrade level.

In this region, these otherwise competent silts and lean clays can undergo a significant loss of stability when construction activities are performed during wetter portions of the year. PSI anticipates that the soils in the project area can become easily disturbed if subjected to conventional rubber tire or narrow track-type equipment. Soils that become disturbed would need to be excavated and replaced; however, this remedial excavation may expose progressively wetter soils with depth, thus compounding the problem condition. Thus, a normal approach to subgrade preparation may not be possible. Appropriate wide-track equipment selection should aid in minimizing potential disturbance.

It is likely that stripping and excavating to the proposed subgrade level will require the use of wide-track or other equipment that has a low contact pressure on the subgrade. Otherwise, the soils at the excavation bottom may become disturbed and additional excavation would be recommended.

Foundations of existing structures should not be undermined during construction. If it is necessary to excavate immediately adjacent to or below existing foundations, the geotechnical engineer should be contacted to review the proposed excavation procedures, prior to their implementation.

Note: Complete removal of the existing fill / buried topsoil throughout the floor slab and pavement areas followed by replacement with structural fill can minimize the occurrence of differential settlement and distress in the new slabs and pavements. However, given the extent of the existing fill materials, this procedure may not be economically feasible. If the Owner leaves these existing materials in place, there is risk potential for settlement, cracking, depressions, and shortened service life of new slabs and pavement systems. If the associated risks are acceptable to the Owner, then the subgrade improvement / stabilization procedures described below may be performed.

After stripping to the proposed subgrade level, as required, the building addition area and parking / pavement areas should be proof-rolled with a loaded tandem axle dump truck or similar heavy rubber tired vehicle (typically with an axle load greater than nine (9) tons). Soils that are observed to rut or deflect excessively (typically greater than one (1) inch) under the moving load should be undercut and replaced with properly compacted low plasticity fill material. The proof-rolling and undercutting activities should be witnessed by a representative of the geotechnical engineer and should be performed during a period of dry weather. Care should be taken during construction activities not to allow excessive drying or wetting of exposed soils. The subgrade soils should be scarified and compacted to at least 95% of the materials' standard Proctor maximum dry density, in general accordance with ASTM procedures, to a depth of at least twelve (12) inches below the surface. New fill for building structures, asphalt, and concrete should not be placed on unstable or frozen ground.

After subgrade preparation and observation have been completed, fill placement required to establish grade may begin. Low-plasticity structural fill materials placed beneath the lightly loaded structural features or slabs should be free of organic or other deleterious materials and have a maximum particle size of less than three (3) inches. Low-plasticity soils are defined as having a liquid limit less than forty-five (45) and plasticity index less than twenty-five (25). The on-site brown lean clay / sandy lean clay soils are suitable for use as structural fill, but some moisture conditioning, such as scarifying and drying, may be needed to achieve compaction. The onsite black lean clay / sandy clay soils (organic) should not be used as structural fill beneath foundations or pavements. A representative of Construction Field Services should be on-site to observe, test, and document the placement of

the fill. If the fill is too dry, water should be uniformly applied and thoroughly mixed into the soil by disking or scarifying. Close moisture content control will be required to achieve the recommended degree of compaction.

Fill should be placed in maximum loose lifts of eight (8) inches and compacted to at least 95% of the materials' standard Proctor maximum dry density, and within a range of the optimum moisture content as designated in the table below, as determined in general accordance with ASTM procedures. Each lift of compacted-engineered fill should be tested and documented by a representative of the geotechnical engineer prior to placement of subsequent lifts. The edges of compacted fill should extend a minimum of five (5) feet beyond the building footprint, or a distance equal to the depth of fill beneath the footings, whichever is greater. The measurement should be taken from the outside edge of the footing to the toe of the excavation prior to sloping.

The fill placed should be tested and documented by Construction Field Services and directed by a geotechnical engineer to evaluate the placement of fill material. It should be noted that the geotechnical engineer of record can only certify the testing that is performed and the work observed by that engineer or staff in direct report to that engineer. The fill should be evaluated in accordance with the following table:

MATERIAL TESTED	PROCTOR TYPE	MIN % DRY DENSITY	PLACEMENT MOISTURE CONTENT RANGE	FREQUENCY OF TESTING *[1]
Structural Lean Clay Fill* (Cohesive)	Standard	95%	-1 to +3 %	1 per 2,500 ft^2 of fill placed / lift
Structural Fill (Granular)*	Standard	95%	-2 to +2 %	1 per 2,500 ft^2 of fill placed / lift
Random Fill (non load bearing)	Standard	90%	-3 to +3 %	1 per 6,000 ft^2 of fill placed / lift
Utility Trench Backfill	Standard	95%	-1 to +2 %	1 per 100 lineal foot / lift or every 200 cubic yds.

*Structural Fill is defined as fill beneath or supporting any improvements on site such as foundation, slabs, pavements, etc.
*[1] Minimum 3 per lift.

The test frequency for the laboratory reference should be one laboratory Proctor or Relative Density test for each material used on the site. If the borrow or source of fill material changes, a new reference moisture/density test should be performed.

Tested fill materials that do not achieve either the required dry density or moisture content range shall be recorded, the location noted, and reported to the Contractor and Owner. A re-test of that area should be performed after the Contractor performs remedial measures.

Foundation Recommendations

The planned construction can be supported on conventional spread-type footing foundations bearing on either competent naturally deposited soils or compacted-engineered fill. Spread footings for building columns and continuous footings for bearing walls can be designed for allowable soil bearing pressures of 3,000 psf and 2,400 psf, respectively, based on dead load plus design live load. PSI recommends a minimum dimension of 24 inches

for square footings and 18 inches for continuous footings to reduce the possibility of a local bearing capacity failure.

Footing Excavations and Backfilling

Note: Due to the presence of the existing undocumented fill / buried topsoil and possible variations between boring locations, bearing soils should be evaluated by Construction Field Services or the geotechnical engineer during construction at the base of footing excavations. Any unsuitable fill material present should be removed and replaced as described below.

Where undocumented fill, buried topsoil, low strength natural soils, or other unsuitable materials are encountered below footing bearing elevation, it will be necessary to extend excavations deeper to reach adequate bearing soils. The footings should bear on new engineered fill once an overexcavation and backfill procedure is performed. We recommend the excavation extend laterally for at least 8 inches beyond all edges of the footing for each 12 inches of additional excavation required below foundation design elevation. An Undercut Detail is included in Appendix H.

The anticipated depths to suitable bearing soils are as outlined in the table below:

BORING NO.	DEPTH BELOW EXISTING GRADE TO SUITABLE BEARING SOIL (FEET)	APPROXIMATE ELEVATION TO SUITABLE BEARING SOIL	SUITABLE BEARING SOIL TYPE
B-1	8	710	Very Stiff Brown Lean Clay
B-2	8	711	Very Stiff Brown Lean Clay
B-3	9	710	Very Stiff Brown Lean Clay
B-4	9	711	Very Stiff Brown Lean Clay
B-5	7	712	Very Stiff Brown Sandy Lean Clay

After suitable natural foundation bearing soils have been verified, the overexcavation should then be backfilled up to design elevation. Backfill procedures could be performed with lean clay, lean concrete or compacted granular fill to the design bearing elevation. If lean concrete (minimum f'c = 1,500 psi) is used, the excavation should be widened at least 6 inches from all edges of the design footing width. If a granular fill is selected, common practice in the area is to use coarse crushed stone backfill, such as INDOT No. 53, placed in lifts of 8 inches or less in loose thickness and compacted to a degree that sufficient interlocking of the aggregate has occurred. The backfill materials should be compacted to at least 95 percent of the material's maximum dry density per ASTM D698.

As an alternative to over-excavation and backfilling, a deep foundation system such as helical piles with a series of

interconnecting grade beams may be considered. If a helical pile foundation system is selected, the system should be designed and installed by a specialty contractor who will determine helix spacing, required capacities and other details. Piles should extend through the existing fill / buried topsoil to suitable bearing soils. The helix bearing depth should be at least one helix diameter below the lower strength soils to limit the stress imposed on the soils by the foundation system. Helical piles must be spaced at a distance at least equal to three (3) times the diameter of the largest helix. In addition, pier capacity must not exceed the mechanical strength of the helical plates determined by the manufacturer, or the mechanical limit of the weld plate.

New footings adjacent to the existing building(s) should be placed at the same elevation as the existing foundations. Minor relative differential settlement between the new and existing construction should be expected. Construction joints should be provided between the existing building and the additions.

Exterior footings and footings in unheated areas should be located at a depth of forty-two (42) inches or deeper below the final exterior grade to provide adequate frost protection. If the building is to be constructed during the winter months or if footings will likely be subjected to freezing temperatures after foundation construction, then the footings should be protected from freezing. PSI recommends that interior footings be a minimum depth of eighteen (18) inches below the finished floor elevation.

The foundation excavations should be observed and documented by a representative of Construction Field Services prior to steel or concrete placement to assess that the foundation materials are consistent with the materials discussed in this report, and therefore are capable of supporting the design loads. Soft or loose soil zones encountered at the bottom of the footing excavations should be removed to the level of competent naturally deposited soils or properly compacted structural fill as directed by the geotechnical engineer. Cavities formed as a result of excavation of soft or loose soil zones should be backfilled with lean concrete or dense graded compacted crushed stone.

After opening, footing excavations should be observed and concrete placed as quickly as possible to avoid exposure of the footing bottoms to wetting and drying. Surface run-off water should be drained away from the excavations and not be allowed to pond. If possible, the foundation concrete should be placed during the same day the excavation is made. If it is required that footing excavations be left open for more than one day, they should be protected to reduce evaporation or entry of moisture.

Based on the known subsurface conditions and site geology, laboratory testing and past experience, PSI anticipates that properly designed and constructed footings supported on the recommended materials should experience total and differential settlement between adjacent columns of less than one (1) inch and ¾ inch, respectively.

Earthquake and Seismic Design Consideration

The 2012 International Building Code (IBC) requires that a site class be determined for the calculation of earthquake design forces in structures. The site class designation is a function of soil type (i.e., depth of soil and strata types). Based on PSI's borings and experience in this area, Site Class "D" is recommended. The USGS-NEHRP probabilistic ground motion values interpolated between the nearest four grid points from latitude 41.4165° and longitude -87.3713°are as follows:

Period (Seconds)	2% Probability of Event in 50 Years (%g)	Site Coefficients	Max. Spectral Acceleration Parameters	Design Spectral Acceleration Parameters	
0.2 (S_s)	12.9	F_a = 1.6	S_{ms} = 0.207	S_{Ds}= 0.138	T_0= 0.154
1.0 (S_1)	6.6	F_v = 2.4	S_{m1} = 0.158	S_{D1}= 0.106	T_s= 0.768
			$S_{ms} = F_aS_s$ $S_{m1} = F_vS_1$	$S_{Ds} = ⅔*S_{ms}$ $S_{D1} = ⅔*S_{m1}$	$T_0= 0.2*S_{D1}/S_{Ds}$ $T_s= S_{D1}/S_{Ds}$

The Site Coefficients, Fa and Fv were interpolated for IBC 2012 Tables 1613.3.3(1) and 1613.3.3(2) as a function of the site classifications and the mapped spectral response acceleration at the short (Ss) and 1-second (S1) periods.

Based on the Spectral Acceleration values for this site, structures with a Risk Category of I, II, and III (Table 1604.5) should be designed as a Seismic Design Category B as defined in Tables 1613.3.5(1) and 1613.3.5(2). Structures with a Risk Category IV should be designed as a Seismic Design Category C. The Risk Category is based on the nature of the occupancy of the structure and is typically determined by the design team (Architect/Structural Engineer) or building official. The determination of the Risk Category is beyond PSI's scope of service.

According to IBC 2012, Section 1803.5.11 requires that sites with a Seismic Design Categories C through F be evaluated for slope instabilities, liquefaction, surface rupture due to faulting or lateral spreading and estimates on the differential settlement. A detailed study of these effects was beyond PSI's scope of services. However, the following table presents a qualitative assessment of these issues considering the site class, the subsurface soil properties, the groundwater elevation, and probabilistic ground motions:

Hazard	Relative Risk	Comments
Slope Stability	Low	The site is relatively flat and does not/will not incorporate significant cut or fill slopes
Liquefaction	Low	The soil within the upper 30 feet of the subsurface profile is relatively stiff cohesive soil and relatively dense granular soil
Settlements	Low	Based on the cohesive nature of the soils, the excess pore pressures generated by a seismic event should not induce a significant deflection
Surface Rupture	Low	The site is not underlain by a mapped Holocene-aged fault

Floor Slab Recommendations

The floor slabs for the new auditorium and connector building can be grade supported on naturally occurring brown lean clay / sandy lean clay, or a minimum of twenty-four (24) inches of properly compacted low plasticity structural fill. Proof-rolling, as discussed earlier in this report, should be accomplished to identify soft or unstable soils that should be removed from the floor slab area prior to fill placement and/or floor slab construction. These soils should be replaced with properly compacted structural fill as described earlier in this report. Alternatively, a structural slab supported by helical piles may be considered.

PSI recommends that a minimum four (4) inch thick free-draining granular mat be placed beneath the floor slab to enhance drainage. This 4-inch mat can be included in the 24 inches of remediation recommended in the areas of undocumented fill and fat clay. The soil surface shall be graded to drain away from the building without low spots that can trap water prior to placing the granular drainage layer. Polyethylene sheeting should be placed to act as a vapor retarder where the floor will be in contact with moisture sensitive equipment or products such as tile,

wood, carpet, etc., as directed by the design professional. The decision to locate the vapor retarder in direct contact with the slab or beneath the layer of granular fill should be made by the design professional after considering the moisture sensitivity of subsequent floor finishes, anticipated project conditions, and the potential effects of slab curling and cracking. The floor slabs should have an adequate number of joints to reduce cracking resulting from differential movement and shrinkage.

For subgrade prepared as recommended and properly compacted fill, a modulus of subgrade reaction, *k* value, of 140 pounds per cubic inch (pci) may be used in the grade slab design based on correlation to values typically resulting from a 1 ft. x 1 ft. plate load test. However, depending on how the slab load is applied, the value will have to be geometrically modified. Where slab loading is distributed over more than a 1 foot by 1 foot area, the value k should be adjusted for larger areas using the following expression for cohesive and cohesionless soil:

Modulus of Subgrade Reaction, $k_s = (\frac{k}{B})$ for cohesive soil and

$k_s = k\,(\frac{B+1}{2B})^2$ for cohesionless soil

Where: k_s = coefficient of vertical subgrade reaction for loaded area,
k = coefficient of vertical subgrade reaction for 1 square foot area, and
B = effective width of area loaded, in feet

The precautions listed below should be followed for construction of slab-on-grade pads. These details will not reduce the amount of movement, but are intended to reduce potential damage should some settlement of the supporting subgrade take place. Some increase in moisture content is inevitable as a result of development and associated landscaping. However, extreme moisture content increases can be largely controlled by proper and responsible site drainage, building maintenance and irrigation practices.

- Cracking of slab-on-grade concrete is normal and should be expected. Cracking can occur not only as a result of heaving or compression of the supporting soil and/or bedrock material, but also as a result of concrete curing stresses. The occurrence of concrete shrinkage crack, and problems associated with concrete curing may be reduced and/or controlled by limiting the slump of the concrete, proper concrete placement, finishing, and curing, and by the placement of crack control joints at frequent intervals, particularly where re-entrant slab corners occur. The American Concrete Institute (ACI) recommends a maximum panel size (in feet) equal to approximately three times the thickness of the slab (in inches) in both directions. For example, joints are recommended at a maximum spacing of twelve (12) feet based on having a four-inch slab. PSI also recommends that the slab be independent of the foundation walls. Using fiber reinforcement in the concrete can also control shrinkage cracking.
- Areas supporting slabs should be properly moisture conditioned and compacted. Backfill in all interior and exterior water and sewer line trenches should be carefully compacted to reduce the shear stress in the concrete extending over these areas.

Exterior slabs should be isolated from the building. These slabs should be reinforced to function as independent units. Movement of these slabs should not be transmitted to the building foundation or superstructure.

Utilities Trenching

Excavation for utility trenches shall be performed in accordance with OSHA regulations as stated in 29 CFR Part 1926. It should be noted that utility trench excavations have the potential to degrade the properties of the

adjacent fill materials. Utility trench walls that are allowed to move laterally can lead to reduced bearing capacity and increased settlement of adjacent structural elements and overlying slabs.

Backfill for utility trenches is as important as the original subgrade preparation or structural fill placed to support either a foundation or slab. Therefore, it is imperative that the backfill for utility trenches be placed to meet the project specifications for the structural fill of this project. PSI recommends that flowable fill or lean mix concrete be utilized for utility trench backfill. If on-site soils are placed as trench backfill, the backfill for the utility trenches should be placed in four (4) to six (6) inch loose lifts and compacted to a minimum of 95% of the maximum dry density achieved by the standard Proctor test. The backfill soil should be moisture conditioned to be within 2% of the optimum moisture content as determined by the standard Proctor test. Up to four (4) inches of bedding material placed directly under the pipes or conduits placed in the utility trench can be compacted to the 90% compaction criteria with respect to the standard Proctor. Compaction testing should be performed for every 200 cubic yards of backfill place or each lift within 100 linear feet of trench, whichever is less. Backfill of utility trenches should not be performed with water standing in the trench. If granular material is used for the backfill of the utility trench, the granular material should have a gradation that will filter protect the backfill material from the adjacent soils. If this gradation is not available, a geosynthetic non-woven filter fabric should be used to reduce the potential for the migration of fines into the backfill material. Granular backfill material shall be compacted to meet the above compaction criteria. The clean granular backfill material should be compacted to achieve a relative density greater than 75% or as specified by the geotechnical engineer for the specific material used.

Siltation Control

The soils at the site are generally silty in nature and are susceptible to erosion. Appropriate erosion control measures such as proper site contouring during general grading and siltation fences should be used during construction so that eroded materials remain onsite. Depending on the length of time the subgrade is exposed and the amount of siltation which occurs, it may be necessary to periodically remove materials collected by the silt fences.

Pavement Recommendations

PSI's scope of services did not include extensive sampling and CBR testing of existing subgrade or potential sources of imported fill for the specific purpose of detailed pavement analysis. Instead, this report is based on pavement-related design parameters that are considered to be typical for the area soil types.

Pavement sections can be grade supported on a minimum of twelve (12) inches of properly compacted low plasticity structural fill. Proof-rolling, as discussed earlier in this report, should be accomplished to identify soft or unstable soils that should be removed from the pavement area prior to fill placement and/or pavement construction. These soils should be replaced with properly compacted structural fill as described earlier in this report.

Pavement sections were evaluated using Pavement Assessment Software (PAS), which is based on the 1993 AASHTO Design equations, a reliability of 80%, no annual growth rate, and a 20 year equivalent 18-kip single axle load (ESAL) of 30,000 for light duty pavements and 60,000 for heavy duty pavements. Flexible Pavements were evaluated based on an initial serviceability of 4.2 and a terminal service of 2.0. Rigid Pavements were evaluated based on an initial serviceability of 4.5, a terminal service of 2.0, an unreinforced concrete mix with a 28-day modulus of rupture of 570 pounds per square inch (psi) (approximately 4,000 psi compressive strength), are to be edge supported, and joints are to be dowel and mesh reinforced.

In large areas of pavement, or where pavements are subject to significant traffic, a more detailed analysis of the subgrade and traffic conditions should be made. The results of such a study will provide information necessary to design an economical and serviceable pavement.

The recommended thicknesses presented below are considered typical and minimum for the calculated parameters. The client, the Owner, and the project principals should be aware that thinner pavement sections might result in increased maintenance costs and lower than anticipated pavement life. The pavement subgrade should be prepared as discussed below.

The PSI recommendation is based on the subgrade soils being prepared to achieve a minimum CBR of three (3). On this basis, it is possible to use a locally typical "standard" pavement section consisting of the following:

Flexible Pavement Sections (20-Year Design Life)

Pavement Layer	Light-Duty*	Heavy-Duty**
HMA Surface Course (INDOT 9.5 mm)	1½ inches	1½ inches
HMA Binder Course (INDOT 19 mm)	2 inches	3½ inches
Aggregate Base Course (INDOT No. 53)	6 inches	6 inches
PSI recommends INDOT approved mixes per ISS 2010 Section 401		

Parking stalls only** ** ***School Bus and Heavy Truck lanes

Paving materials should conform to local and state guidelines, as required.

Rigid Pavement Sections

Rigid Pavement (Concrete)	Light-Duty*	Heavy-Duty **
Portland Cement Concrete	6 inches	8 inches
Aggregate Base Course (INDOT No. 53)	4 inches	6 inches

***Parking stalls and driveways.** ***Dumpster pads and parking lot entrance aprons, and heavy truck lanes**

The portions of the site where rigid (PCC) pavements are recommended include the entrance/exit driveway aprons and the dumpster pad enclosure area. A heavy-duty pavement section is recommended for lanes designated for delivery trucks. Crushed aggregate base materials should be compacted to at least 95% of the standard Proctor (ASTM D 698) maximum dry density near optimum moisture content. The use of Portland cement concrete (PCC) for paving has become more prevalent in recent years based on material costs for concrete vs. bituminous and also the long-term maintenance cost benefits of concrete compared to bituminous pavements. If PCC pavement is utilized, the concrete should be properly jointed, have proper load-transfer mechanisms installed, and should have a minimum 28-day compressive strength of 4,000 psi. Expansion and construction joints should be sealed with a polyurethane sealant so that moisture infiltration into the subgrade soils and resultant concrete deterioration at the joints is minimized. Concrete pavement at least 8 inches thick is recommended for the trash dumpster pad and entrance/exit aprons due to the high wheel and impact loads that this area receives.

Asphalt Pavement

The granular base course should be built at least two (2) feet wider than the pavement on each side to support the tracks of the slipform paver. This extra width is structurally beneficial for wheel loads applied at the pavement

edge. The density testing requirements for asphalt should be in accordance with the current INDOT Standard Specifications 401. Section 402 should be followed for placement criteria.

Asphaltic concrete mix designs and Marshall characteristics should be reviewed to determine if they are consistent with the recommendations given in this report.

Portland Cement Concrete Pavement

Because the pavement at this site will be subjected to freeze-thaw cycles, PSI recommends that an air entrainment admixture be added to the concrete mix to achieve air content in the range of 5% to 8% (per INDOT) to provide freeze-thaw durability in the concrete. PSI recommends that a portland cement concrete with a 28-day specified compressive strength of 4,000 psi should be used. A mixture with a maximum slump of four (4) inches is acceptable. If a water reducing admixture is specified, the slump can be higher. It is recommended that admixtures be submitted to the Owner in advance of use in the concrete.

Pavement for any dumpster areas or areas subject to consistent heavy loads should be constructed of Portland cement concrete with load transfer devices installed where construction joints are required. A thickened edge is recommended on the outside of slabs subjected to wheel loads. This thickened edge usually takes the form of an integral curb. Fill material should be compacted behind the curb or the edge of the outside slabs should be thickened. The following are recommended to enhance the quality of the pavement.

- Moisten subgrade just prior to placement of concrete.
- Cure fresh concrete with a liquid membrane-forming curing compound.
- Keep automobile traffic off the slab for three (3) days and truck traffic off the slab for seven (7) days, unless tests are made to determine that the concrete has gained adequate strength (i.e., usually 70% of design strength).

Pavement Subgrade Preparation

Prior to paving, the prepared subgrade should be proof-rolled using a loaded tandem axle dump truck or similar type of pneumatic tired equipment with a minimum gross weight of nine (9) tons per single axle. Localized soft areas identified should be repaired prior to paving. Moisture content of the subgrade should be maintained between –2% and +2% of the optimum at the time of paving. It may require rework when the subgrade is either desiccated or wet. PSI highly recommends that parking and drive subgrade be sloped in a manner to drain water from under the pavement without pocketing or trapping water beneath the pavement. This grading should be accomplished prior to placing the base aggregate.

Construction traffic should be minimized to prevent unnecessary disturbance of the pavement subgrade. Disturbed areas, as verified by PSI, should be removed and replaced with properly compacted material.

The edges of compacted fill should extend a minimum two (2) feet beyond the edges of the pavement, or a distance equal to the depth of fill beneath the pavement, whichever is greater. The measurement should be taken from the outside edge of the pavement to the toe of the excavation prior to sloping.

Pavement Drainage & Maintenance

PSI recommends pavements be sloped to provide rapid surface drainage. Water allowed to pond on or adjacent to the pavement could saturate the subgrade, cause premature deterioration of the pavements, and may require removal and replacement. PSI recommends the subgrade be sloped to drain prior to placing the crushed stone base. Consideration should be given to the use of interceptor drains to collect and remove water collecting in the

crushed stone base. The interceptor drains could be incorporated with the storm drains of other utilities located in the pavement areas.

Periodic maintenance of the pavement should be anticipated. This should include sealing of cracks and joints and by maintaining proper surface drainage to avoid ponding of water on or near the pavement areas. Underdrains, sub-drains and underslab drains presented in this report will not prevent moisture vapor that can cause mold growth.

CONSTRUCTION CONSIDERATIONS

Construction Field Services, LLC should be retained to provide observation and testing of construction activities involved in the foundation, earthwork, and related activities of this project. PSI cannot accept responsibility for conditions that deviate from those described in this report, nor for the performance of the foundation system if not engaged to also provide construction observation and testing for this project.

Moisture Sensitive Soils/Weather Related Concerns

The upper fine-grained soils encountered at this site are expected to be sensitive to disturbances caused by construction traffic and to changes in moisture content. During wet weather periods, increases in the moisture content of the soil can cause significant reduction in the soil strength and support capabilities. In addition, soils that become wet may be slow to dry and thus significantly retard the progress of grading and compaction activities. It will, therefore, be advantageous to perform earthwork and foundation construction activities during dry weather.

Drainage and Groundwater Considerations

PSI recommends that the Contractor determine the actual groundwater levels at the site at the time of the construction activities to assess the impact groundwater may have on construction. Water should not be allowed to collect in the foundation excavation, on floor slab areas, or on prepared subgrades of the construction area either during or after construction. Undercut or excavated areas should be sloped toward one corner to facilitate removal of collected rainwater, groundwater, or surface runoff. Positive site drainage should be provided to reduce infiltration of surface water around the perimeter of the building and beneath the floor slabs. The grades should be sloped away from the building and surface drainage should be collected and discharged such that water is not permitted to infiltrate the backfill and floor slab areas of the building.

Excavations

In Federal Register, Volume 54, Number 209 (October 1989), the United States Department of Labor, Occupational Safety and Health Administration (OSHA) amended its "Construction Standards for Excavations, 29 CFR, part 1926, Subpart P". This document was issued to better enhance the safety of workers entering trenches or excavations. It is mandated by this federal regulation that excavations, whether they be utility trenches, basement excavation or footing excavations, be constructed in accordance with the new OSHA guidelines. It is PSI's understanding that these regulations are being strictly enforced and if they are not closely followed, the Owner and the Contractor could be liable for substantial penalties.

The Contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The Contractor's "responsible person", as defined in 29 CFR Part 1926, should evaluate the soil exposed in the excavations as part of the Contractor's safety procedures. In no case should slope height, slope

inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal safety regulations.

PSI is providing this information solely as a service to our client. PSI does not assume responsibility for construction site safety or the Contractor's or other parties' compliance with local, state, and federal safety or other regulations.

GEOTECHNICAL RISK

The concept of risk is an important aspect of the geotechnical evaluation. The primary reason for this is that the analytical methods used to develop geotechnical recommendations do not comprise an exact science. The analytical tools which geotechnical engineers use are generally empirical and must be used in conjunction with engineering judgment and experience. Therefore, the solutions and recommendations presented in the geotechnical evaluation should not be considered risk-free and, more importantly, are not a guarantee that the interaction between the soils and the proposed construction will perform as planned. The engineering recommendations presented in the preceding section constitutes PSI's professional estimate of those measures that are necessary for the proposed improvements to perform according to the proposed design based on the information generated and referenced during this evaluation, and PSI's experience in working with these conditions.

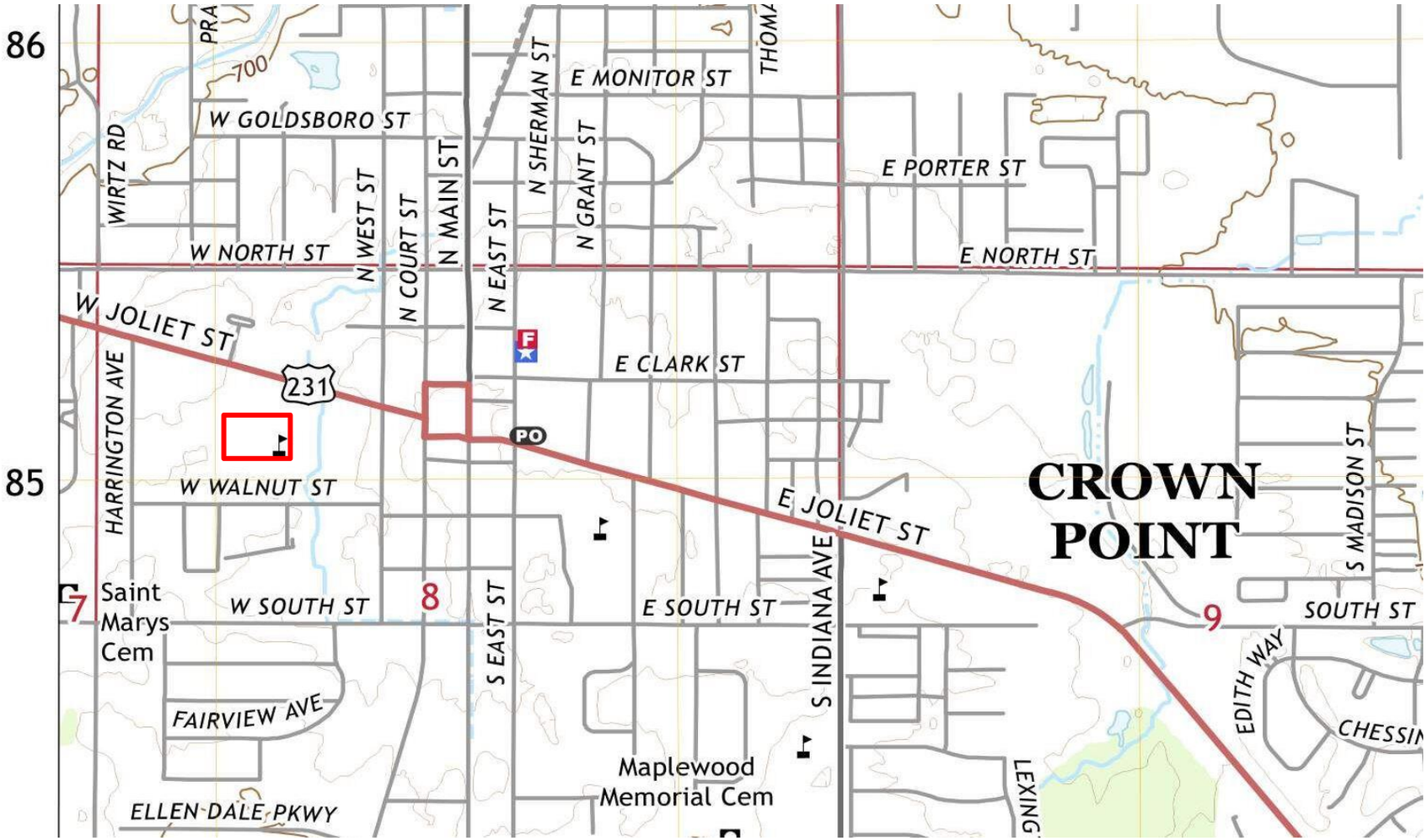
REPORT LIMITATIONS

The recommendations submitted are based on the available subsurface information obtained by PSI and design details furnished by Construction Field Services, the Skillman Corporation, and Gibraltar Design. If there are revisions to the plans for this project or if deviations from the subsurface conditions noted in this report are encountered during construction, PSI should be notified immediately to determine if changes in the recommendations are required. If PSI is not retained to perform these functions, PSI will not be responsible for the impact of those conditions on the project.

The geotechnical engineer warrants that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with generally accepted professional geotechnical engineering practices in the local area. No other warranties are implied or expressed.

After the plans and specifications are more complete, the geotechnical engineer should be retained and provided the opportunity to review the final design plans and specifications to check that our engineering recommendations have been properly incorporated into the design documents. At that time, it may be necessary to submit supplementary recommendations. This report has been prepared for the exclusive use of Construction Field Services, LLC for the specific application to the proposed additions to Colonel John Wheeler Middle School located at 401 West Joliet Street in Crown Point, Indiana.

APPENDIX A - TOPOGRAPHIC MAP



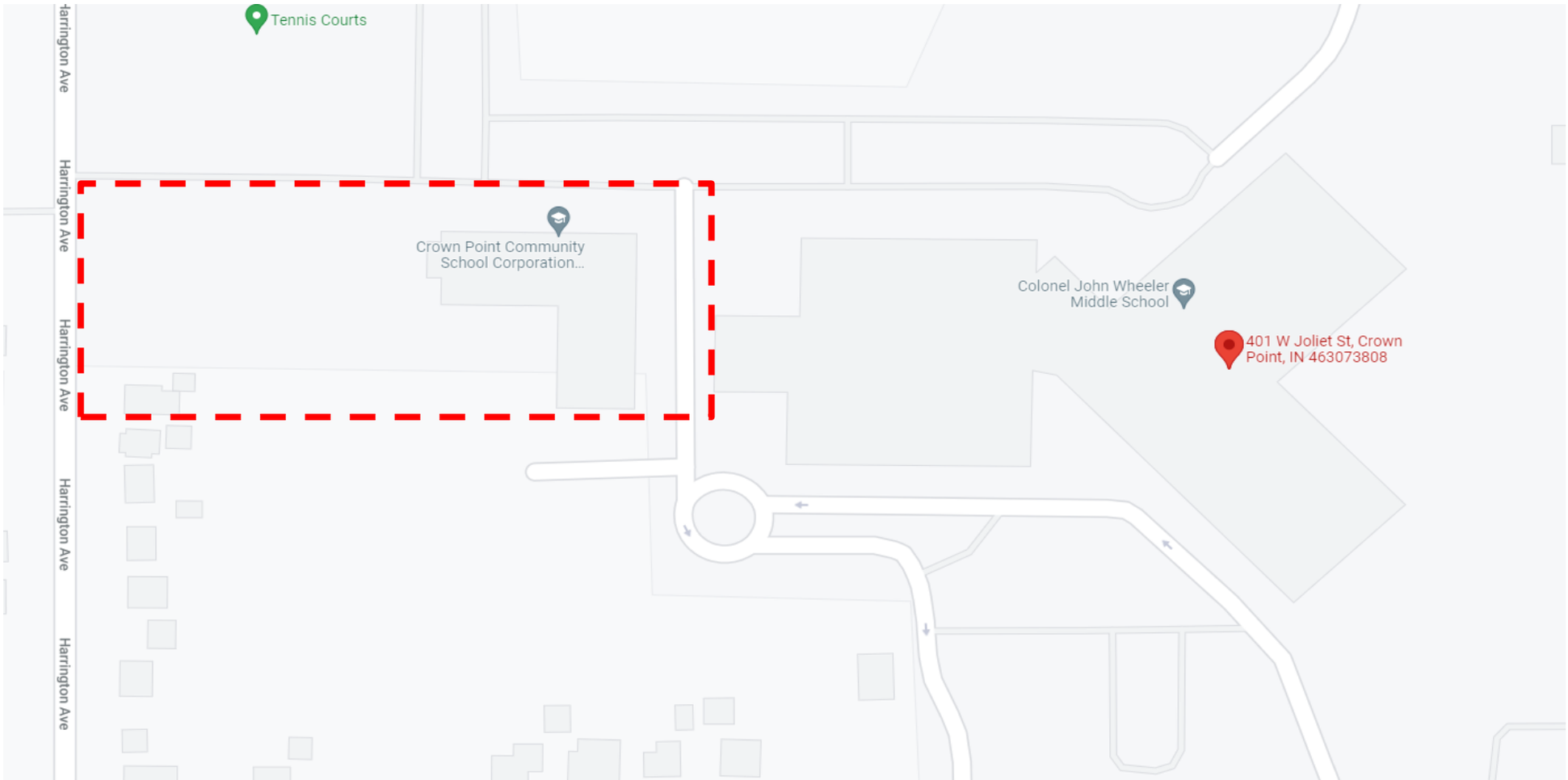
Approximate Site Location

The image above was copied from USGS.gov

N

intertek psi	**Project Name:** Colonel John Wheeler Middle School **Project Location:** 401 West Joliet Street Crown Point, Indiana	**PSI Project No.:** 00474977 **Date:** 1/20/2022 **Drawn By:** DTL Drawing not to scale.	**Topographic Map**

APPENDIX B - SITE VICINITY MAP



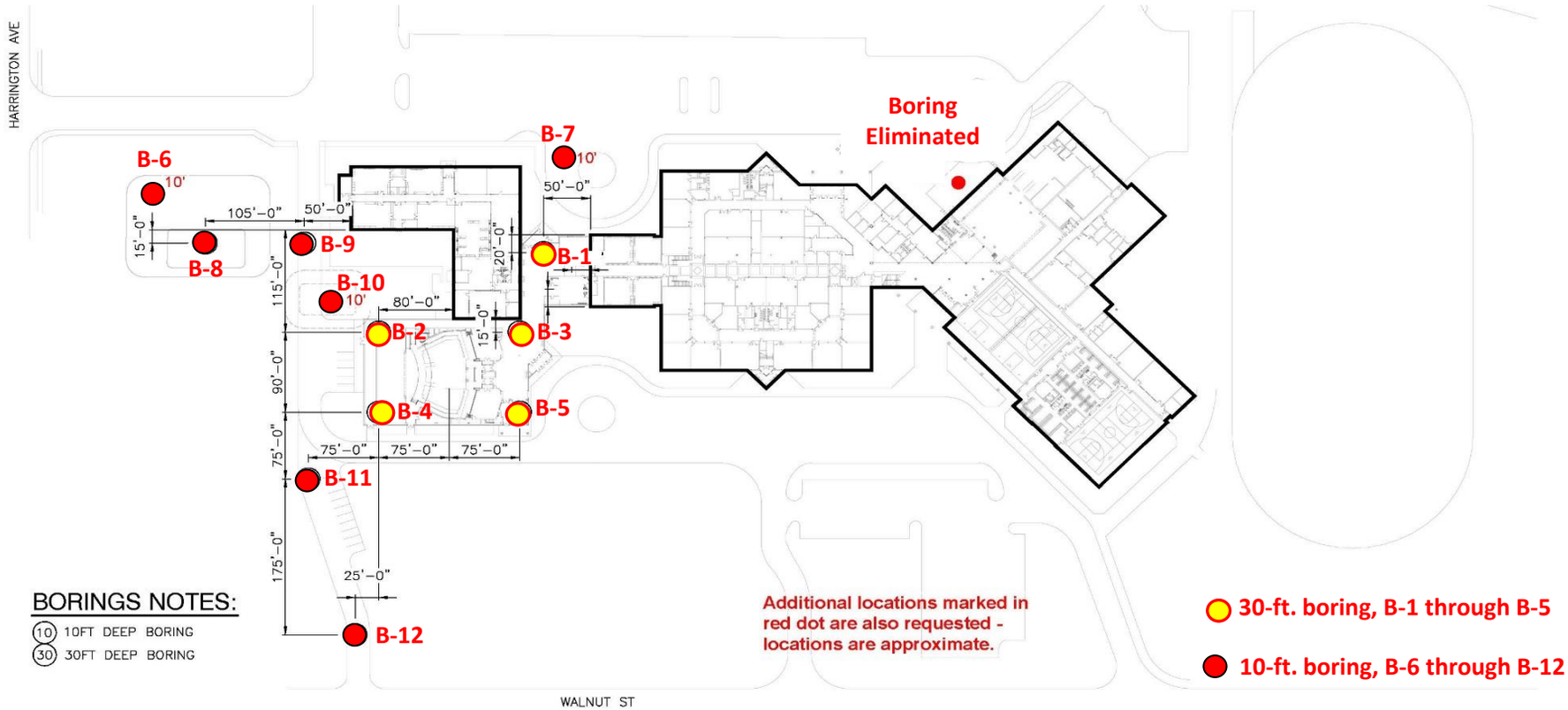
The image above was copied from Google Maps

Approximate Project Site Boundaries

N

intertek psi	**Project Name:** Colonel John Wheeler Middle School **Project Location:** 401 West Joliet Street Crown Point, Indiana	**PSI Project No.:** 00474977 **Date:** 12/20/2021 **Drawn By:** DTL Drawing not to scale.	**Site Vicinity Map**

APPENDIX C – BORING LOCATION PLAN



GIBRALTAR DESIGN

©2021 Gibraltar Design

NORTH

SITE PLAN - BORING LOCATIONS
Colonel John Wheeler Middle School

Crown Point Community
School Corporation
December 6, 2021

The image above was provided by The Skillman Corp.

intertek psi

Project Name: Colonel John Wheeler Middle School	**PSI Project No.:** 00474977	**Boring Location Plan**
Project Location: 401 West Joliet Street Crown Point, Indiana	**Date:** 12/20/2021 **Drawn By:** DTL Drawing not to scale.	

APPENDIX D – BORING LOGS

BORING B-01

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	30.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	718 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

REMARKS: USCS Classifications based upon visual classification only

Water		
	While Drilling	23.5 feet
	Upon Completion	Not Observed
	Delay	N/A

BORING LOCATION:
See Boring Location Map

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Asphalt (4"±)					
						Asphalt Millings (2")					
				1	18	Crushed Stone (3 1/2"±)					
						Fill: Dark Brown Sandy Lean Clay, moist	FILL	3-3-4 N=7	20		
715						Black Sandy Clay Topsoil at approx. 2.5 ft.					
				2	18	Brown Sandy Lean Clay trace gravel, moist, medium stiff to stiff		2-2-3 N=5	22		
	5						CL				
				3	18			2-3-3 N=6	19		
710						Brown Lean Clay with sand trace gravel, moist, stiff to very stiff					
				4	18		CL	3-3-5 N=8	17	>>✳	Q_r = 2.9 tsf
	10										
				5	18	Brown Sandy Lean Clay trace gravel, moist, stiff to very stiff		4-7-8 N=15	12	✳	Q_r = 1.9 tsf
705											
				6	18		CL	6-12-10 N=22	11	>>✳	
	15										
						Light Brown Poorly Graded Sand with silt, medium dense					
700											
				7	18			5-9-11 N=20	7		
	20										
695			▽				SP-SM				
				8	18			6-10-12 N=22	19		
	25										
690											
				9	18			3-7-11 N=18	20		
	30					End of Boring at 30 Feet					

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Professional Service Industries, Inc.
4421 Harrison Street
Hillside, IL 60162
Telephone: (708) 236-0720

PROJECT NO.: 00474977-1
PROJECT: Colonel John Wheeler Middle School
LOCATION: 401 W. Joliet St.
Crown Point, IN

The stratification lines represent approximate boundaries. The transition may be gradual.

BORING B-02

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	30.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	719 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

REMARKS: USCS Classifications based upon visual classification only

Water		
	While Drilling	23.5 feet
	Upon Completion	Not Observed
	Delay	N/A

BORING LOCATION:
See Boring Location Map

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Dark Brown-Black Silty Clay, Topsoil (5"±)					
				1	18	Fill: Dark Brown and Black Sandy Lean Clay, moist	FILL	3-3-3 N=6	24		
715				2	18	Brown Sandy Lean Clay trace gravel, moist, medium stiff to stiff	CL	2-2-3 N=5	17		
	5			3	6			2-4-6 N=10	21		
710				4	18	Brown Lean Clay with sand trace gravel, moist, very stiff to hard	CL	2-6-10 N=16	19	>> ✳ Q_t = 6.2 tsf	
	10			5	18			4-6-7 N=13	16	✳	
705				6	18	Brown Silty Sand, medium dense	SM	3-3-7 N=10	13		
	15					Light Brown Poorly Graded Sand with silt, medium dense					
700				7	18			6-9-12 N=21	5		
	20										
695			▽	8	18		SP-SM	5-8-12 N=20	20		
	25										
690				9	18			3-6-9 N=15	23		
	30					End of Boring at 30 Feet					

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Crown Point, IN

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BORING B-03

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	30.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	719 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

Water

While Drilling	23.5 feet
Upon Completion	Not Observed
Delay	N/A

BORING LOCATION:
See Boring Location Map

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0 25 50) STRENGTH, tsf ▲ Qu ✳ Qp (0 2.0 4.0)	Additional Remarks
	0					Dark Brown-Black Silty Clay, Topsoil (5"±)					
				1	18	Fill: Mixed Brown and Dark Brown Lean Clay with sand, moist	FILL	5-4-4 N=8	18		
715				2	18			2-3-3 N=6	25		
	5			3	18	Brown Sandy Lean Clay trace gravel, moist, medium stiff to stiff	CL	1-2-3 N=5	23		Q_r = 1.6 tsf
710				4	18	Brown Lean Clay with sand trace gravel, moist, stiff to very stiff	CL	3-3-5 N=8	16		Q_r = 3.3 tsf
	10			5	18			3-4-5 N=9	16		Q_r = 3.5 tsf
705				6	18	Brown Sandy Lean Clay trace gravel, moist, very stiff	CL	9-9-11 N=20	11		>>✳
	15										
				7	8	Light Brown Poorly Graded Sand with silt, medium dense		3-6-8 N=14	6		
700	20										
				8	18		SP-SM	4-9-11 N=20	19		
695	25										
				9	18			5-9-11 N=20	20		
690	30					End of Boring at 30 Feet					

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Crown Point, IN

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BORING B-04

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	30.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	720 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

REMARKS: USCS Classifications based upon visual classification only

Water		
	While Drilling	28.5 feet
	Upon Completion	Not Observed
	Delay	N/A

BORING LOCATION:
See Boring Location Map

Elevation (feet)	Depth, (feet)	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	Additional Remarks
	0			Dark Brown-Black Silty Clay, Topsoil (4"±)				
		1	16	Fill: Mixed Brown and Dark Brown Lean Clay with sand, moist	FILL	3-2-3 N=5	16	
		2	18			2-3-4 N=7	20	
715	5	3	18	Buried Topsoil: Black Sandy Clay, moist	FILL	2-2-2 N=4	31	
				Brown Sandy Lean Clay trace gravel, moist, medium stiff	CL			
		4	18	Brown Lean Clay with sand trace gravel, moist, stiff to very stiff	CL	2-4-4 N=8	21	Q_t = 1.4 tsf
710	10	5	18			2-2-4 N=6	16	Q_t = 2.5 tsf
		6	18	Light Brown Poorly Graded Sand with silt, medium dense		3-7-9 N=16	6	
705	15							
		7	18		SP-SM	3-5-6 N=11	5	
700	20							
		8	18			4-8-10 N=18	13	
695	25							
		9	18			4-6-10 N=16	22	
690	30			End of Boring at 30 Feet				

STANDARD PENETRATION TEST DATA
N in blows/ft ◎
× Moisture ◪ PL ✚ LL
0 25 50
STRENGTH, tsf
▲ Qu ✳ Qp
0 2.0 4.0

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Crown Point, IN

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BORING B-05

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	30.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	719 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

REMARKS: USCS Classifications based upon visual classification only

Water		
	While Drilling	25 feet
	Upon Completion	Not Observed
	Delay	N/A

BORING LOCATION:
See Boring Location Map

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0 25 50) STRENGTH, tsf ▲ Qu ✳ Qp (0 2.0 4.0)	Additional Remarks
	0					Dark Brown-Black Silty Clay, Topsoil (5"±)					
				1	16	Fill: Mixed Brown and Dark Brown Lean Clay with sand, moist	FILL	4-3-3 N=6	20		
715	5			2	18			3-4-6 N=10	21		
				3	18	Brown Sandy Lean Clay trace gravel, moist, stiff to very stiff	CL	3-5-5 N=10	13		
710	10			4	18			3-2-4 N=6	22		Q_t = 1.6 tsf
				5	18	Brown Sandy Lean Clay trace gravel, moist, very stiff to hard	CL	5-6-8 N=14	15		Q_t = 4.9 tsf
705	15			6	18	Light Brown Poorly Graded Sand with silt, medium dense		6-8-13 N=21	12		>>
700	20			7	18		SP-SM	4-7-10 N=17	3		
695	25			8	18			5-9-10 N=19	16		
690	30			9	18			6-13-13 N=26	20		
						End of Boring at 30 Feet					

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Crown Point, IN

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BORING B-06

DATE STARTED:	1/6/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/6/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	10.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	720 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

Water

While Drilling	Not Observed
Upon Completion	Not Observed
Delay	N/A

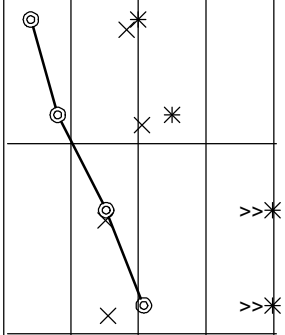
BORING LOCATION:
See Boring Location Map

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %
	0			Dark Brown-Black Silty Clay, Topsoil (6"±)			
		1	18	Brown Lean Clay with sand trace gravel, moist, stiff to hard		1-2-3 N=5	23
		2	18			2-4-6 N=10	26
715	5				CL		
		3	18			3-8-11 N=19	19
		4	18			8-12-14 N=26	19
710	10			End of Boring at 10 Feet			

STANDARD PENETRATION TEST DATA
N in blows/ft ◎
× Moisture ◪ PL ✚ LL
0 25 50
STRENGTH, tsf
▲ Qu ✳ Qp
0 2.0 4.0

Additional Remarks



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PROJECT NO.: 00474977-1
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LOCATION: 401 W. Joliet St.
Crown Point, IN

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BORING B-07

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	10.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	718 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

Water

While Drilling	Not Observed	
Upon Completion	Not Observed	
Delay	N/A	

BORING LOCATION:
See Boring Location Map

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Asphalt (2 1/2"±)					
						Asphalt Millings/Slag/Crushed Stone (7"±)					
				1	12	Dark Brown to Brown Lean Clay with sand trace gravel, moist, very stiff		5-13-8 N=21	16		
715											
				2	18			3-4-6 N=10	23		
	5						CL				
				3	18			5-5-7 N=12	20	>>✳	
710											
				4	18			5-6-7 N=13	15	✳	
	10					End of Boring at 10 Feet					

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PROJECT NO.: 00474977-1
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LOCATION: 401 W. Joliet St.
Crown Point, IN

The stratification lines represent approximate boundaries. The transition may be gradual.

BORING B-08

DATE STARTED:	1/6/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/6/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	10.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	717 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

Water

While Drilling	Not Observed
Upon Completion	Not Observed
Delay	N/A

BORING LOCATION:
See Boring Location Map

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Dark Brown-Black Silty Clay, Topsoil (7"±)					
715				1	18	Fill: Dark Gray and Brown Lean Clay with roots, moist		1-2-3 N=5	36		
				2	18	Brown Lean Clay with sand trace gravel, moist, stiff to hard		3-4-6 N=10	19		
	5						CL				
710				3	18			4-7-11 N=18	15		
				4	18	Light Brown Poorly Graded Sand with silt, medium dense	SP-SM	4-9-12 N=21	14		
	10					End of Boring at 10 Feet					

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Crown Point, IN

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BORING B-09

DATE STARTED:	1/6/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/6/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	10.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	719 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

Water

While Drilling	Not Observed
Upon Completion	Not Observed
Delay	N/A

BORING LOCATION:
See Boring Location Map

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Dark Brown-Black Silty Clay, Topsoil (6"±)					
				1	18	Brown Lean Clay with sand trace gravel, moist, hard	CL	6-7-8 N=15	18	>>✳	
715				2	18	Brown Lean Clay with sand trace gravel, moist, medium stiff	CL	3-3-3 N=6	21		
	5			3	18	Brown Lean Clay with sand trace gravel, moist, stiff to hard	CL	4-4-4 N=8	26		
710				4	18			4-8-12 N=20	19	>>✳	
	10					End of Boring at 10 Feet					

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Crown Point, IN

The stratification lines represent approximate boundaries. The transition may be gradual.

BORING B-10

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.	**Water**	
DATE COMPLETED:	1/5/20	**DRILLER:**	TH	**LOGGED BY:**	
COMPLETION DEPTH	10.0 ft	**DRILL RIG:**	CME 550		
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger		
ELEVATION:	N/A	**SAMPLING METHOD:**	2-in SS		
LATITUDE:		**HAMMER TYPE:**	Automatic	**BORING LOCATION:**	
LONGITUDE:		**EFFICIENCY**	N/A	See Boring Location Map	
STATION:	N/A	**OFFSET:**	N/A	**REVIEWED BY:**	David T. Lewandowski

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Omitted due to underground utility conflict					
	5										
	10					End of Boring at 10 Feet					

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Crown Point, IN

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BORING B-11

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	10.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	720 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

Water

While Drilling	Not Observed
Upon Completion	Not Observed
Delay	N/A

BORING LOCATION:
See Boring Location Map

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Dark Brown-Black Silty Clay, Topsoil (6"±)					
				1	18	Fill: Brown Lean Clay with sand, moist		4-3-4 N=7	18		
				2	18	Buried Topsoil: Dark Brown-Black Sandy Clay, moist		3-3-3 N=6	19		
715	5					Brown Lean Clay with sand trace gravel, moist, stiff to very stiff	CL				
				3	18			3-4-5 N=9	26		
				4	18			2-3-3 N=6	21		
710	10					End of Boring at 10 Feet					

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BORING B-12

DATE STARTED:	1/5/20	**DRILL COMPANY:**	Groff Testing Corp.
DATE COMPLETED:	1/5/20	**DRILLER:** TH	**LOGGED BY:**
COMPLETION DEPTH	10.0 ft	**DRILL RIG:**	CME 550
BENCHMARK:	N/A	**DRILLING METHOD:**	Hollow Stem Auger
ELEVATION:	721 ft	**SAMPLING METHOD:**	2-in SS
LATITUDE:		**HAMMER TYPE:**	Automatic
LONGITUDE:		**EFFICIENCY**	N/A
STATION: N/A	**OFFSET:** N/A	**REVIEWED BY:**	David T. Lewandowski

Water

While Drilling	Not Observed
Upon Completion	Not Observed
Delay	N/A

BORING LOCATION:
See Boring Location Map

REMARKS: USCS Classifications based upon visual classification only

Elevation (feet)	Depth, (feet)	Graphic Log	Sample Type	Sample No.	Recovery (inches)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per 6-inch (SS)	Moisture, %	STANDARD PENETRATION TEST DATA N in blows/ft ◎ × Moisture ◪ PL ✚ LL (0, 25, 50) STRENGTH, tsf ▲ Qu ✳ Qp (0, 2.0, 4.0)	Additional Remarks
	0					Dark Brown-Black Silty Clay, Topsoil (7"±)					
720				1	18	Brown Lean Clay with sand trace gravel, moist, very stiff to hard		4-5-4 N=9	22		
				2	18			7-9-10 N=19	16		
	5						CL				
715				3	18			9-13-17 N=30	17		
				4	18			8-14-15 N=29	17		
	10					End of Boring at 10 Feet					

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PROJECT NO.: 00474977-1
PROJECT: Colonel John Wheeler Middle School
LOCATION: 401 W. Joliet St.
Crown Point, IN

The stratification lines represent approximate boundaries. The transition may be gradual.

APPENDIX E – GENERAL NOTES/SOIL CLASSIFICATION CHART

GENERAL NOTES

SAMPLE IDENTIFICATION

The Unified Soil Classification System (USCS), AASHTO 1988 and ASTM designations D2487 and D-2488 are used to identify the encountered materials unless otherwise noted. Coarse-grained soils are defined as having more than 50% of their dry weight retained on a #200 sieve (0.075mm); they are described as: boulders, cobbles, gravel or sand. Fine-grained soils have less than 50% of their dry weight retained on a #200 sieve; they are defined as silts or clay depending on their Atterberg Limit attributes. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size.

DRILLING AND SAMPLING SYMBOLS

SFA: Solid Flight Auger - typically 4" diameter flights, except where noted.
HSA: Hollow Stem Auger - typically 3¼" or 4¼ I.D. openings, except where noted.
M.R.: Mud Rotary - Uses a rotary head with Bentonite or Polymer Slurry
R.C.: Diamond Bit Core Sampler
H.A.: Hand Auger
P.A.: Power Auger - Handheld motorized auger
SS: Split-Spoon - 1 3/8" I.D., 2" O.D., except where noted.
ST: Shelby Tube - 3" O.D., except where noted.
BS: Bulk Sample
PM: Pressuremeter
CPT-U: Cone Penetrometer Testing with Pore-Pressure Readings

SOIL PROPERTY SYMBOLS

N: Standard "N" penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2-inch O.D. Split-Spoon.
N_{60}: A "N" penetration value corrected to an equivalent 60% hammer energy transfer efficiency (ETR)
Q_u: Unconfined compressive strength, TSF
Q_p: Pocket penetrometer value, unconfined compressive strength, TSF
w%: Moisture/water content, %
LL: Liquid Limit, %
PL: Plastic Limit, %
PI: Plasticity Index = (LL-PL),%
DD: Dry unit weight, pcf
▼,▽,▼ Apparent groundwater level at time noted

RELATIVE DENSITY OF COARSE-GRAINED SOILS

Relative Density	N - Blows/foot
Very Loose	0 - 4
Loose	4 - 10
Medium Dense	10 - 30
Dense	30 - 50
Very Dense	50 - 80
Extremely Dense	80+

ANGULARITY OF COARSE-GRAINED PARTICLES

Description	Criteria
Angular:	Particles have sharp edges and relatively plane sides with unpolished surfaces
Subangular:	Particles are similar to angular description, but have rounded edges
Subrounded:	Particles have nearly plane sides, but have well-rounded corners and edges
Rounded:	Particles have smoothly curved sides and no edges

GRAIN-SIZE TERMINOLOGY

Component	Size Range
Boulders:	Over 300 mm (>12 in.)
Cobbles:	75 mm to 300 mm (3 in. to 12 in.)
Coarse-Grained Gravel:	19 mm to 75 mm (¾ in. to 3 in.)
Fine-Grained Gravel:	4.75 mm to 19 mm (No.4 to ¾ in.)
Coarse-Grained Sand:	2 mm to 4.75 mm (No.10 to No.4)
Medium-Grained Sand:	0.42 mm to 2 mm (No.40 to No.10)
Fine-Grained Sand:	0.075 mm to 0.42 mm (No. 200 to No.40)
Silt:	0.002 mm to 0.075 mm
Clay:	<0.002 mm

PARTICLE SHAPE

Description	Criteria
Flat:	Particles with width/thickness ratio > 3
Elongated:	Particles with length/width ratio > 3
Flat & Elongated:	Particles meet criteria for both flat and elongated

RELATIVE PROPORTIONS OF FINES

Descriptive Term	% Dry Weight
Trace:	< 5%
With:	5% to 12%
Modifier:	>12%

GENERAL NOTES

(Continued)

CONSISTENCY OF FINE-GRAINED SOILS

Q_U - TSF	N - Blows/foot	Consistency
0 - 0.25	0 - 2	Very Soft
0.25 - 0.50	2 - 4	Soft
0.50 - 1.00	4 - 8	Firm (Medium Stiff)
1.00 - 2.00	8 - 15	Stiff
2.00 - 4.00	15 - 30	Very Stiff
4.00 - 8.00	30 - 50	Hard
8.00+	50+	Very Hard

MOISTURE CONDITION DESCRIPTION

Description	Criteria
Dry:	Absence of moisture, dusty, dry to the touch
Moist:	Damp but no visible water
Wet:	Visible free water, usually soil is below water table

RELATIVE PROPORTIONS OF SAND AND GRAVEL

Descriptive Term	% Dry Weight
Trace:	< 15%
With:	15% to 30%
Modifier:	>30%

STRUCTURE DESCRIPTION

Description	Criteria
Stratified:	Alternating layers of varying material or color with layers at least ¼-inch (6 mm) thick
Laminated:	Alternating layers of varying material or color with layers less than ¼-inch (6 mm) thick
Fissured:	Breaks along definite planes of fracture with little resistance to fracturing
Slickensided:	Fracture planes appear polished or glossy, sometimes striated
Blocky:	Cohesive soil that can be broken down into small angular lumps which resist further breakdown
Lensed:	Inclusion of small pockets of different soils
Layer:	Inclusion greater than 3 inches thick (75 mm)
Seam:	Inclusion 1/8-inch to 3 inches (3 to 75 mm) thick extending through the sample
Parting:	Inclusion less than 1/8-inch (3 mm) thick

SCALE OF RELATIVE ROCK HARDNESS

Q_U - TSF	Consistency
2.5 - 10	Extremely Soft
10 - 50	Very Soft
50 - 250	Soft
250 - 525	Medium Hard
525 - 1,050	Moderately Hard
1,050 - 2,600	Hard
>2,600	Very Hard

ROCK BEDDING THICKNESSES

Description	Criteria
Very Thick Bedded	Greater than 3-foot (>1.0 m)
Thick Bedded	1-foot to 3-foot (0.3 m to 1.0 m)
Medium Bedded	4-inch to 1-foot (0.1 m to 0.3 m)
Thin Bedded	1¼-inch to 4-inch (30 mm to 100 mm)
Very Thin Bedded	½-inch to 1¼-inch (10 mm to 30 mm)
Thickly Laminated	1/8-inch to ½-inch (3 mm to 10 mm)
Thinly Laminated	1/8-inch or less "paper thin" (<3 mm)

ROCK VOIDS

Voids	Void Diameter
Pit	<6 mm (<0.25 in)
Vug	6 mm to 50 mm (0.25 in to 2 in)
Cavity	50 mm to 600 mm (2 in to 24 in)
Cave	>600 mm (>24 in)

GRAIN-SIZED TERMINOLOGY

(Typically Sedimentary Rock)

Component	Size Range
Very Coarse Grained	>4.76 mm
Coarse Grained	2.0 mm - 4.76 mm
Medium Grained	0.42 mm - 2.0 mm
Fine Grained	0.075 mm - 0.42 mm
Very Fine Grained	<0.075 mm

ROCK QUALITY DESCRIPTION

Rock Mass Description	RQD Value
Excellent	90 -100
Good	75 - 90
Fair	50 - 75
Poor	25 -50
Very Poor	Less than 25

DEGREE OF WEATHERING

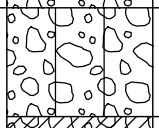
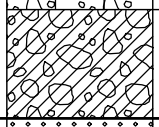
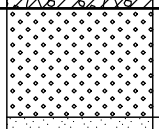
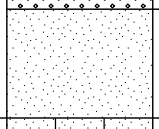
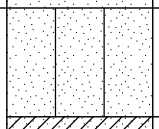
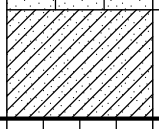
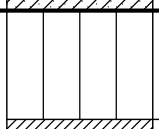
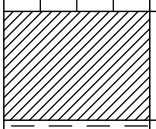
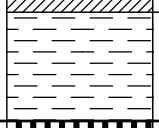
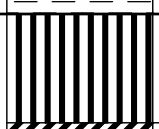
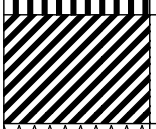
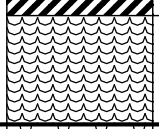
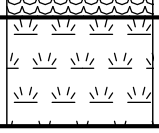
Slightly Weathered: Rock generally fresh, joints stained and discoloration extends into rock up to 25 mm (1 in), open joints may contain clay, core rings under hammer impact.

Weathered: Rock mass is decomposed 50% or less, significant portions of the rock show discoloration and weathering effects, cores cannot be broken by hand or scraped by knife.

Highly Weathered: Rock mass is more than 50% decomposed, complete discoloration of rock fabric, core may be extremely broken and gives clunk sound when struck by hammer, may be shaved with a knife.

USCS SOIL CLASSIFICATION CHART

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

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APPENDIX F – DRILL, FIELD AND LAB TESTING PROCEDURES

Drilling and Sampling Procedures

The soil borings were performed with a truck-mounted rotary head drill rig. Borings were advanced using 3¼-inch inside diameter hollow-stem augers. Representative samples were obtained employing split-spoon and thin-wall tube sampling procedures in general accordance with ASTM procedures.

Field Tests and Measurements

Penetration Tests and Split-Barrel Sampling of Soils

During the sampling procedure, Standard Penetration Tests (SPT) were performed at regular intervals (2½-foot intervals to 10 feet and 5-foot intervals thereafter) to obtain the standard penetration value (N) of the soil. The results of the standard penetration test indicate the relative density and comparative consistency of the soils, and thereby provide a basis for estimating the relative strength and compressibility of the soil profile components. The split-barrel sampler provides a soil sample for identification purposes and for laboratory tests appropriate for soil obtained from a sampler that may produce large shear strain while obtaining the sample.

Water Level Measurements

Water level observations were attempted during and upon completion of the drilling operation using a 100-foot tape measure. The depths of observed water levels in the boreholes are noted on the boring logs presented in the appendix of this report. In the borings where water was unable to be observed during the field activities, in relatively impervious soils, the accurate determination of the groundwater elevation may not be possible even after several days of observation. Seasonal variations, temperature and recent rainfall conditions may influence the levels of the groundwater table and volumes of water will depend on the permeability of the soils.

Laboratory Testing Program

In addition to the field investigation, a supplemental laboratory-testing program was conducted to determine additional engineering characteristics of the foundation materials necessary in analyzing the behavior of the soils as it relates to the construction of the proposed structures. The laboratory testing program is as follows:

Laboratory Determination of Water (Moisture) Content of Soil by Mass

The water content is a significant index property used in establishing a correlation between soil behavior and its index properties. The water content is used in expressing the phase relationship of air, water, and solids in a given volume of material. In fine grained cohesive soils, the behavior of a given soil type often depends on its water content. The water content of a soil along with its liquid and plastic limits as determined by Atterberg Limit testing, is used to express its relative consistency or liquidity index.

Atterberg Limits

The Atterberg Limits are defined by the liquid limit (LL) and plastic limit (PL) states of a given soil. These limits are used to determine the moisture content limits where the soil characteristics changes from behaving more like a fluid on the liquid limit end to where the soil behaves more like individual soil particles on the plastic limit end. The liquid limit is often used to indicate if a soil is a low or high plasticity soil. The plasticity index (PI) is difference between the liquid limit and the plastic limit. The plasticity index is used in conjunction with the liquid limit to assess if the material will behave like a silt or clay. The material can also be classified as an organic material by comparing the liquid limit of the natural material to the liquid limit of the sample after being oven-dried.

Unconfined Compressive Strength of Cohesive Soils (Qu/Qr)

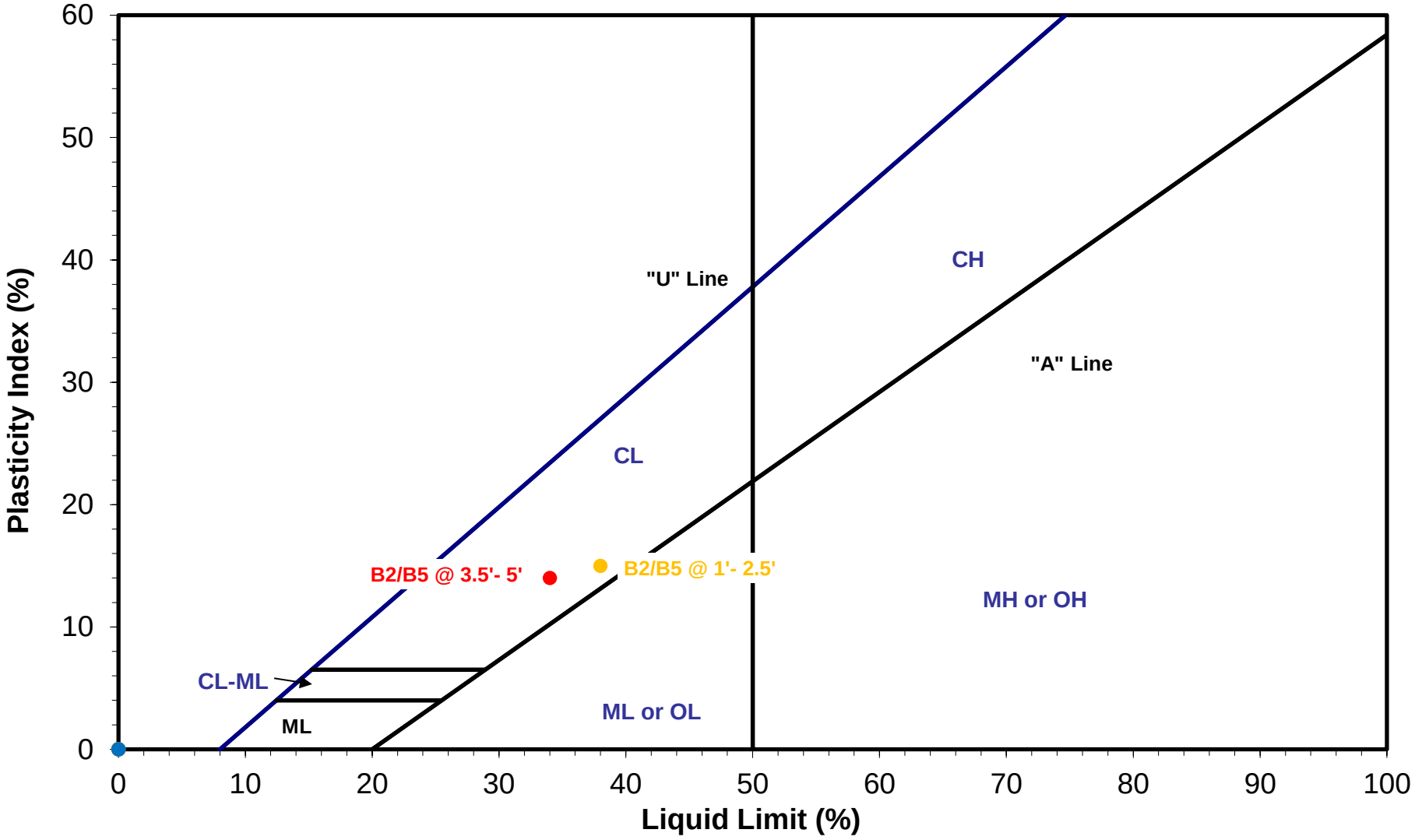
The primary purpose of the unconfined compressive strength test is to obtain the compressive strength of soils and rock that possess significant cohesion to permit testing in the unconfined state. Unconfined compressive strength (Qu) is the compressive stress at which an unconfined cylindrical specimen of soil will fail in a simple compression test. In this test method, unconfined compressive strength is taken as the maximum load obtained per unit area. For the unconfined compressive strength test, the shear strength (Su) is calculated to be half of the compressive stress at failure.

The values of the unconfined compressive strength, as determined on samples of soil from the split-spoon sample (IDOT approved Rimac Qr), must be considered recognizing the manner in which they were obtained because the split-spoon sampling techniques provide a representative, but somewhat disturbed, soil sample. Because thin-walled tube samples are relatively undisturbed and are larger in size, these samples produce more accurate unconfined compressive strength results.

APPENDIX G – LABORATORY DATA

rubino ENGINEERING INC.

Report of Atterberg Limits Test (ASTM D4318 / AASHTO T89 / AASHTO T90)



Boring #	B2/B5 @ 1'- 2.5'	B2/B5 @ 3.5'- 5'				
LL	38	34				
PL	23	20				
PI	15	14				

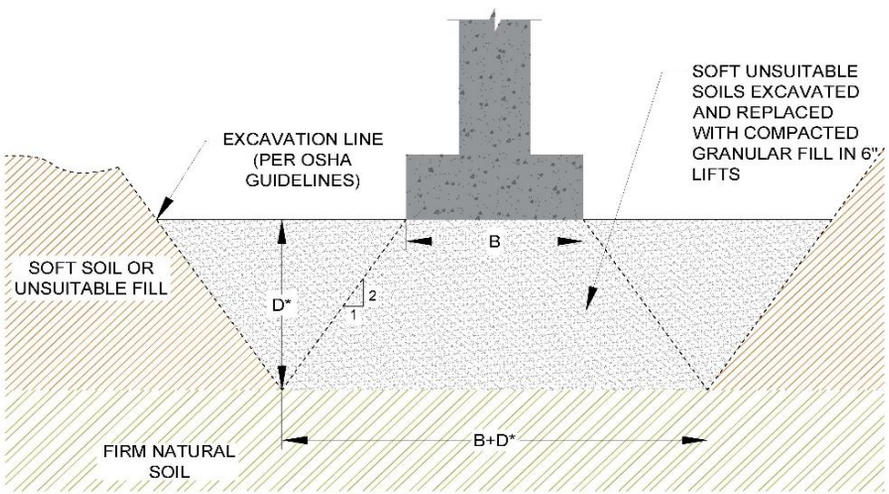
Project: PSI Colonel John Wheeler 00474977
Location: Crown Point, Indiana
Client: PSI-Intertek
Project #: G22.008

APPENDIX H – UNDERCUT DETAIL

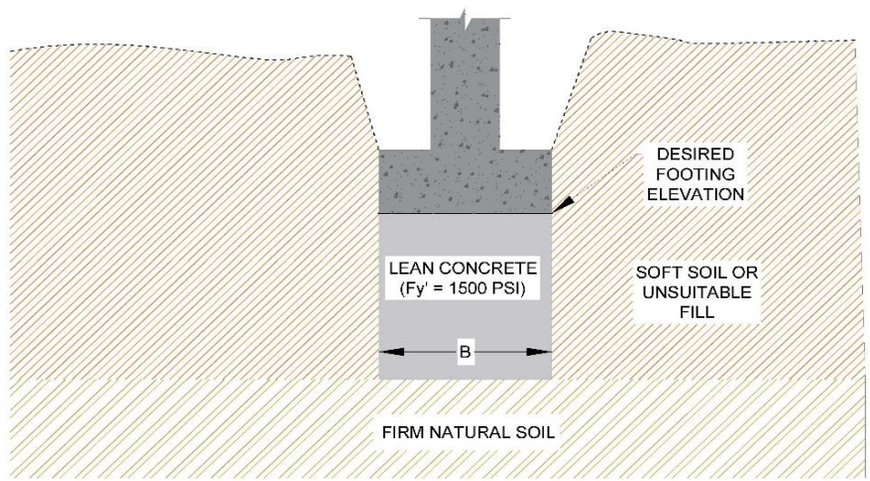
UNDERCUT EXCAVATION FOR ISOLATED FOOTING IN UNSUITABLE MATERIALS

Date: 9/12/2017

SCALE: None



D* IS DEPTH FOR SUITABLE SOILS



intertek psi	**Project Name:** Colonel John Wheeler Middle School **Project Location:** 401 West Joliet Street Crown Point, Indiana	**PSI Project No.:** 00474977 **Date:** 1/20/2021 **Drawn By:** DTL Drawing not to scale.	**Undercut Detail**

ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design for **Colonel John Wheeler Middle School – Addition, Renovations and Related Work** for Crown Point Community School Corporation, Crown Point, Indiana.

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

SPECIFICATIONS

1. **Specification Section 08 71 00 Door Hardware**
   A. Add Door A113A-A to Hardware Group No 03
   B. Add Door A208-A to Hardware Group No 41
   C. Add Door D110-A to Hardware Group No 03
   D. Eliminate Door D113-A from Hardware Group No 05

DRAWINGS

2. **Sheet G-102v1 SHEET INDEX – VOLUME 1**
   A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
      1. Revised name of sheet A-831
3. **Sheet S-201 FOUNDATION PLAN - UNIT A**
   A. Refer to revised, full-size drawing, included in this Addendum
4. **Sheet S-202 FOUNDATION PLAN - UNIT G**
   A. Refer to revised, full-size drawing, included in this Addendum
5. **Sheet S-203 SECOND FLOOR FRAMING PLAN - UNIT A**
   A. Refer to revised, full-size drawing, included in this Addendum
6. **Sheet S-204 MEZZANINE/LOW ROOF FRAMING PLAN - UNIT G**
   A. Refer to revised, full-size drawing, included in this Addendum
7. **Sheet S-206 HIGH ROOF FRAMING PLAN - UNIT G**
   A. Refer to revised, full-size drawing, included in this Addendum
8. **Sheet S-402 STRUCTURAL FOUNDATION SECTIONS/DETAILS**
   A. Refer to revised, full-size drawing, included in this Addendum

9. Sheet S-412 STRUCTURAL FRAMING SECTIONS

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

10. Sheets AD-101 through AD-114 ARCHITECTURAL DEMOLITION SHEETS

A. Revise Demolition Plan Note 6 to read as follows:

"6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD."

B. Add new Demolition Plan Note 41 as follows:

"41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN."

11. Sheet AD-107 UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

1. Additional scope in the Clinic area of the Main Office, including toilet room modification

12. Sheet AD-111 UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

1. Additional scope (Note 41) removing hanging acoustic ceiling system.

13. Sheet A-101 UNIT "A" ARCHITECTURAL FIRST AND SECOND FLOOR PLANS

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

1. First Floor Area A - Modifications to the toilet room area (net reduction of one plumbing fixture).
2. Second Floor Area A – Addition of corridor doors

14. Sheet A-105 UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN

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

1. Modifications to locker detail at Corridor B-240

15. Sheet A-107 UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

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

1. Additional scope in the Clinic area of the Main Office.

16. Sheet A-111 UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN

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

1. Revisions to back wall of Platform Area F-117

17. Sheet A-420 WALL SECTIONS

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

1. Revisions to detail 5/A-420.

18. Sheet A-430 ENLARGED STAIR PLANS AND SECTIONS

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

1. Lintel detail at 8/A-430

19. Sheet A-601 DOOR AND FRAME SCHEDULE, PROFILES, AND ELEVATIONS

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

1. Revisions to door schedule.

20. Sheet A-707 UNIT "D" FIRST FLOOR EQUIPMENT PLAN

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

1. Revision to clinic layout

21. Sheet A-708 UNIT "D" SECOND FLOOR EQUIPMENT PLAN

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

1. Addition of a roller shade in meeting / office D-207

22. Sheet A-720 UNIT "D" SECOND FLOOR EQUIPMENT PLAN

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

1. Toilet room modifications in Area A and office clilnic toilet

23. Sheet A-801 UNIT "A" FIRST AND SECOND FLOOR FINISH PLANS

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

1. Revisions to Finishes and revisions to Plan Notes.

24. Sheet A-804 UNIT "C" FIRST FLOOR FINISH PLAN

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

1. Revisions to Finish in B-139 Corridor.

25. Sheet A-807 UNIT "D" FIRST FLOOR FINISH PLAN

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

1. Revisions to Finishes and revisions to Plan Notes.

26. Sheet A-811 Unit “F” FIRST FLOOR FINISH PLAN

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

1. Revisions to Finishes in F-118 Cafeteria and revisions to Plan Notes.

27. Sheet A-814 UNIT "H" FIRST FLOOR FINISH PLAN

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

1. Revisions to Finishes and revisions to Plan Notes.

28. Sheet A-820 FINISH LEGEND

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

1. Finish Legend revisions and additions.

29. Sheet A-830 UNIT "A" AND "B" FIRST FLOOR PATTERN PLAN

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

1. Revisions to Second Floor Pattern Plan with addition of corridor doors and
2. Addition of Plan Note at First Floor Pattern Plan.

30. Sheet A-831 UNIT "C", "D", AND "F" FIRST FLOOR PATTERN PLAN

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

1. Addition of F-118 Cafeteria Floor Pattern Plan and Plan Notes Inclusion.

31. Sheet A-832 UNIT "G" AND "H" FIRST FLOOR PATTERN PLAN

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

1. Plan Notes Inclusion.

32. Sheet A-861 INTERIOR ELEVATIONS

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

1. Additions of Elevations 2/ A-861 – 8/ A-861 and Finish Note revisions.

33. Sheet A-863 INTERIOR ELEVATIONS

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

1. Elevation revision 1,2, and 3/ A-863 and Finish Note revisions.

34. Sheet A-901 UNIT "A" AND "B" ARCHITECTURAL FIRST FLOOR CEILING PLANS

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

1. Modification of the gang toilet room area on the first floor.
2. Modification of ceiling for doors added to the second-floor corridor.

35. Sheet A-907 UNIT "D" ARCHITECTURAL FIRST FLOOR CEILING PLAN

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

1. Modification of the gang toilet room area on the first floor

36. Sheet A-911 UNIT "F" ARCHITECTURAL FIRST FLOOR CEILING PLANS

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

1. Modification to the cafeteria ceiling, including removal of existing acoustic panels.

37. Sheet MV101 UNIT "A" MECHANICAL FIRST AND SECOND FLOOR VENT PLANS

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

1. Revised exhaust system for TEF-1 for new floorplan.
2. Revised location of dryer flue for new floorplan.

38. Sheet ED101 UNIT "A" ELECTRICAL FIRST & SECOND FLOOR DEMOLITION PLANS

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

1. Removed new electrical equipment.

39. Sheet ED107 UNIT "D" ELECTRICAL FIRST & SECOND FLOOR DEMOLITION PLANS

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

1. Added existing devices.
2. Added devices to be relocated.
3. Added demolition devices.

40. Sheet EL101 UNIT "A" ELECTRICAL FIRST & SECOND FLOOR LIGHTING PLANS

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

1. Removed lighting fixture.
2. Revised locations of lighting fixtures.
3. Revised locations of switches.
4. Added lighting fixture.
5. Added lighting switch.

41. Sheet EL107 UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

1. Added new lighting fixtures.
2. Added new switches.
3. Added new occupancy sensors.
4. Added sheet notes to plan.

42. Sheet EL112 UNIT "G" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

1. Added new lighting fixtures.
2. Added sheet note #13.
3. Added lighting contactor.
4. Revised lighting fixture tags.
5. Revised lighting fixture circuitry.
6. Revised switch legs.

43. Sheet EP101 UNIT "A" ELECTRICAL FIRST & SECOND FLOOR POWER PLANS

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

1. Added fire alarm strobe.
2. Added receptacle.
3. Revised locations of fire alarm devices.
4. Revised locations of receptacles.
5. Revised locations of electrical equipment.

44. Sheet EP107 UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

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

1. Added receptacles.
2. Clarified new transformer.

45. Sheet E503 ELECTRICAL SCHEDULES, DETAILS & DIAGRAMS

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

1. Revised lighting schedule fixtures AC, FA and PC.

46. Sheet TS-101 TELECOMMUNICATIONS OVERALL SITE PLAN

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

1. Add approximate routes of existing underground fiber optic entrance cables.

47. Sheet T-101 UNIT -A- TELECOMMUNICATION FIRST / SECOND FLOOR PLAN

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

1. Update note for conduit riser down to first floor.

48. Sheet T-511 TELECOM DETAILS

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

1. Detail 1 – Replace color coding chart.

49. Sheet TA-101 AUDITORIUM SYSTEM DEVICE LOCATIONS FIRST FLOOR PLAN

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

1. Detail 1, corrected drawing reference number.

Pages 1 through 7, inclusive and fifty two (52) Full-Size Drawings, constitute the total makeup of **Addendum One**.

GIBRALTAR DESIGN

Joseph P. Briggs

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
SHEET INDEX
VOLUME 1

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
G-102v1

ARCHITECT OF RECORD	ENGINEER OF RECORD	ENGINEER OF RECORD	ENGINEER OF RECORD	ENGINEER OF RECORD
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TRENCH FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE WIDTH	FOOTING SIZE DEPTH	FOOTING REINFORCING LONGITUDINAL	FOOTING REINFORCING TRANSVERSE
TF24	2'-0"	2'-4"	(3) #5 x CONTINUOUS	#3 x 1'-6" @ 96" O.C.
TF30	2'-6"	2'-4"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" O.C.
TF36	3'-0"	2'-4"	(5) #6 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

2. TRENCH FOOTINGS MAY BE CAST DIRECTLY AGAINST SOIL WITHOUT FORMING WHERE EXISTING SOIL CONDITIONS PERMIT. FORM TOP OF TRENCH FOOTINGS WHERE SOIL HAS SLOUGHED SIGNIFICANTLY, WHERE GRADE IS LOWER THAN THE INDICATED TOP OF FOOTING ELEVATION, OR WHEREVER TRENCH FOOTING WOULD INTERFERE WITH THE INSTALLATION OF DOWNSPOUTS, CONDUIT, BOLLARDS, ETC. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING & SITE/CIVIL DRAWINGS.

3. INTERIOR OF TRENCH FOOTING SHALL BE FORMED WITH RIGID INSULATION. TAKE CARE IN TRIMMING INTERIOR FACE OF EXCAVATION TO MINIMIZE GAPS BEHIND THE INSULATION. FILL WITH #8 CRUSHED STONE, TAMPING AND COMPACTING WHERE SPACE PERMITS.

WALL FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE WIDTH	FOOTING SIZE DEPTH	FOOTING REINFORCING LONGITUDINAL	FOOTING REINFORCING TRANSVERSE
WF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.
WF48	4'-0"	1'-2"	(4) #5 x CONTINUOUS	#5 x 3'-6" @ 12" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

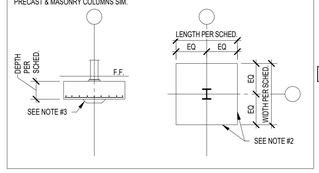
COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE WIDTH	x LENGTH	x DEPTH	REINFORCING (EACH WAY)
F6.0	6'-0"	6'-0"	1'-2"	(7) #5 x 5'-6"
F6.0E	6'-0"	6'-0"	2'-4"	(7) #5 x 5'-6"
F7.0	7'-0"	7'-0"	1'-6"	(7) #6 x 6'-6"
F7.0E	7'-0"	7'-0"	2'-4"	(7) #6 x 6'-6"
F8.0	8'-0"	8'-0"	1'-8"	(7) #7 x 7'-6"

NOTES:

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

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

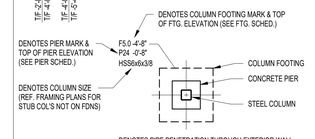


FOUNDATION PLAN NOTES

1. REF. S-001 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 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. NOTE: 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. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOILS w/ A MINIMUM BEARING CAPACITY OF 2,500 PSF.
12. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S70-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
14. 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.
15. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5 VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.
16. LOWER BOTTOM OF FOOTING AS REQUIRED FOR PIPE SLEEVE. REFER TO DETAIL 1/S-401. COORD. EXACT LOCATION AND INVERT ELEVATION w/ PLUMBING CONTRACTOR.
17. STEP TOP OF FOOTING DOWN AS REQUIRED FOR PIPE SLEEVE. REFER TO DETAILS 13 & 18/S-401. COORD. EXACT LOCATION AND INVERT ELEVATION w/ PLUMBING CONTRACTOR.
18. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @ 48" o.c. (GROUT SOLID AT BARS) ON THICKENED SLAB PER DETAIL 4/S-401.

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
GB32x24 -5'-0"	DENOTES CONCRETE GRADE BEAM SIZE & TOP OF GRADE BEAM ELEVATION (SEE SCHEDULE)
1'-6" 5'-0" 1'-6"	DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401



DENOTES PIPE PENETRATION THROUGH EXTERIOR WALL. REFER TO PLUMBING DRAWINGS FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.

A — F.F. = SEE PLAN

DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES 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.). AD-1

B — F.F. = SEE PLAN

DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) OVER COMPACTED GRANULAR FILL TO FILL VOID (INDOT No. 53 OR APPROVED EQUIV.)

CONCRETE PIER SCHEDULE

PIER MARK	PIER SIZE		PIER REINFORCING VERTICALS	PIER REINFORCING TIES-SIZE & SPA.[1]	PIER REINFORCING DETAIL	PIER REINFORCING CRITICAL HEIGHT
P24	2'-0"	2'-0"	(8) #6	#4 @ 12" O.C.	B	≤ 2'-8"
			(4) #8	#4 @ 12" O.C.	A	> 2'-8"
P32	2'-8"	2'-8"	(12) #6	#4 @ 12" O.C.	C	≤ 2'-8"
			(6) #8	#4 @ 12" O.C.	B	> 2'-8"

1. PROVIDE MIN. 1 ½" CLEAR TO PIER TIES.

2. 'CRITICAL HEIGHT' DENOTES THE HEIGHT ABOVE WHICH LARGER DIAMETER VERTICALS WITH FEWER TIES MAY BE USED. REF. FOUNDATION PLAN(S) FOR TOP OF PIER & FOOTING ELEV'S.

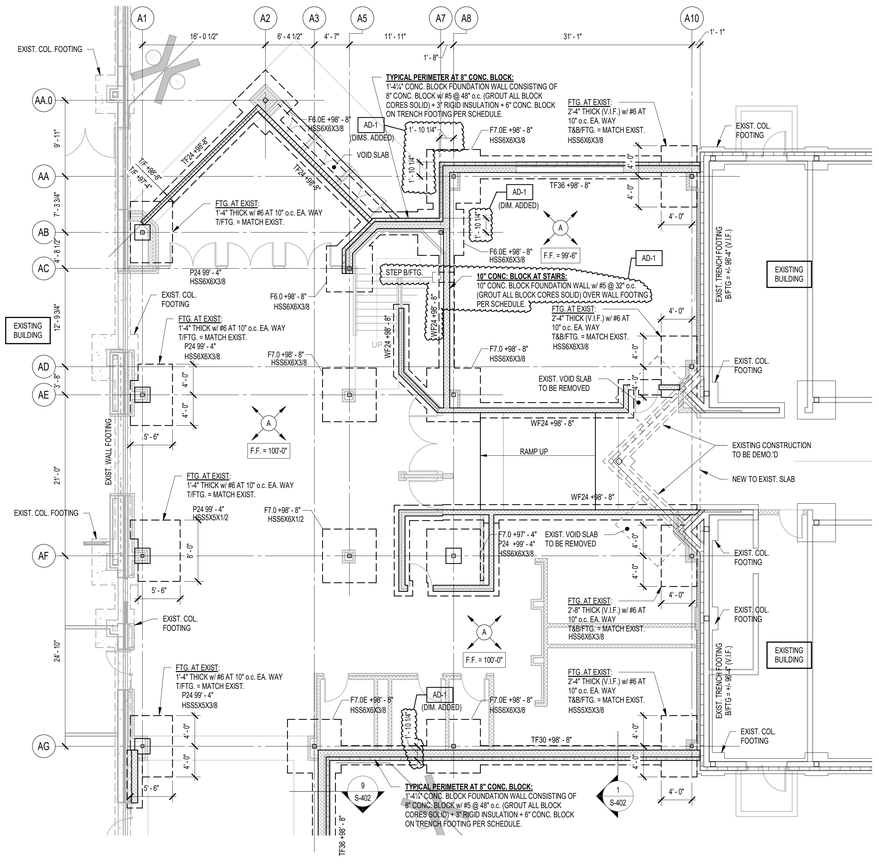
3. REF. 'TYPICAL CONCRETE PIER REINFORCING' ON FOUNDATION DETAIL SHEET FOR FURTHER INFORMATION ON TIE SPACING.

4. VERTICAL DOWELS ARE TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5'-0" HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5'-0" HIGH, UNLESS APPROVED.

5. CONTACT THE STRUCTURAL ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.

6. MIN. HEIGHT OF PIERS: #6 VERTICALS = 2'-0", #7 VERTICALS = 2'-8".

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



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

GIBRALTAR DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

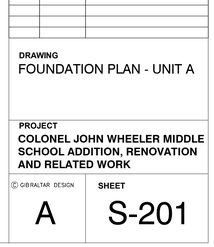
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN

SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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Indianapolis, IN 46260
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1

DRAWING
FOUNDATION PLAN - UNIT A

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A
S-201

TRENCH FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
TF24	2'-0"	2'-4"	(3) #5 x CONTINUOUS	#3 x 1'-6" @ 96" O.C.
TF30	2'-6"	2'-4"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" O.C.
TF36	3'-0"	2'-4"	(5) #6 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

2. TRENCH FOOTINGS MAY BE CAST DIRECTLY AGAINST SOIL WITHOUT FORMING WHERE EXISTING SOIL CONDITIONS PERMIT. FORM TOP OF TRENCH FOOTINGS WHERE SOIL HAS SLOUGHED SIGNIFICANTLY, WHERE GRADE IS LOWER THAN THE INDICATED TOP OF FOOTING ELEVATION, OR WHEREVER TRENCH FOOTING WOULD INTERFERE WITH THE INSTALLATION OF DOWNSPOUTS, CONDUIT, BOLLARDS, ETC. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING & SITE/CIVIL DRAWINGS.

3. INTERIOR OF TRENCH FOOTING SHALL BE FORMED WITH RIGID INSULATION. TAKE CARE IN TRIMMING INTERIOR FACE OF EXCAVATION TO MINIMIZE GAPS BEHIND THE INSULATION. FILL WITH #8 CRUSHED STONE, TAMPING AND COMPACTING WHERE SPACE PERMITS.

WALL FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
WF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.
WF48	4'-0"	1'-2"	(4) #5 x CONTINUOUS	#5 x 3'-6" @ 12" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

FOUNDATION PLAN NOTES

1. REF. S-001 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 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. NOTE: 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. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOILS w/ A MINIMUM BEARING CAPACITY OF 2,500 PSF.
12. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
14. 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.
15. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5 VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.
16. LOWER BOTTOM OF FOOTING AS REQUIRED FOR PIPE SLEEVE. REFER TO DETAIL 11/S-401. COORD. EXACT LOCATION AND INVERT ELEVATION w/ PLUMBING CONTRACTOR.
17. STEP TOP OF FOOTING DOWN AS REQUIRED FOR PIPE SLEEVE. REFER TO DETAILS 13 & 18/S-401. COORD. EXACT LOCATION AND INVERT ELEVATION w/ PLUMBING CONTRACTOR.
18. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @ 48" o.c. (GROUT SOLID AT BARS) ON THICKENED SLAB PER DETAIL 4/S-401.

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

GB32x24 -8'-0" — DENOTES CONCRETE GRADE BEAM SIZE & TOP OF GRADE BEAM ELEVATION (SEE SCHEDULE)

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

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

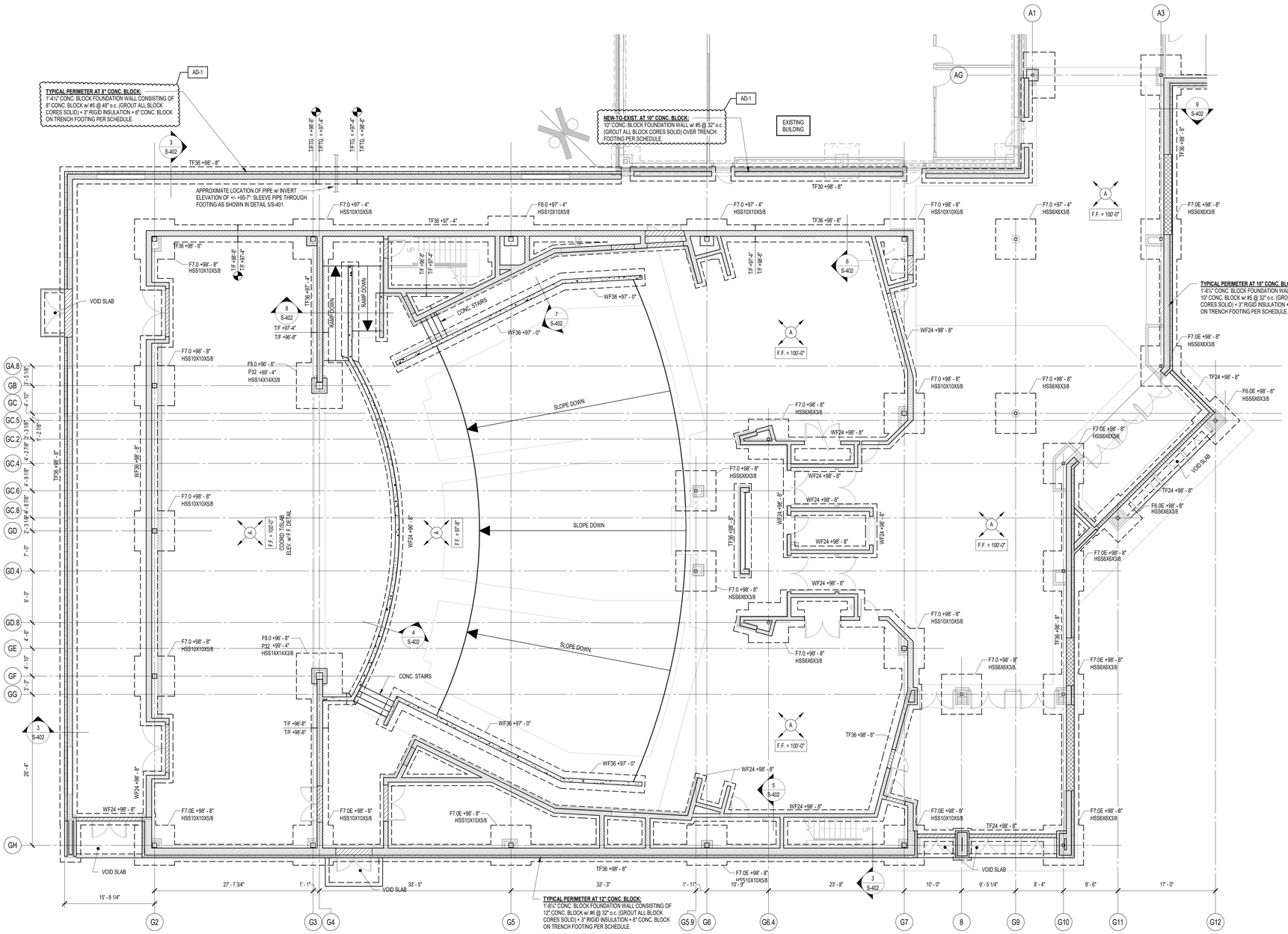
CONCRETE PIER

STEEL COLUMN

DENOTES PIPE PENETRATION THROUGH EXTERIOR WALL. REFER TO PLUMBING DRAWINGS FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.

DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES 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.).

DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) OVER COMPACTED GRANULAR FILL TO FILL VOID (INDOT No. 53 OR APPROVED EQUIV.)



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

GIBRALTAR DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1

DRAWING
FOUNDATION PLAN - UNIT G

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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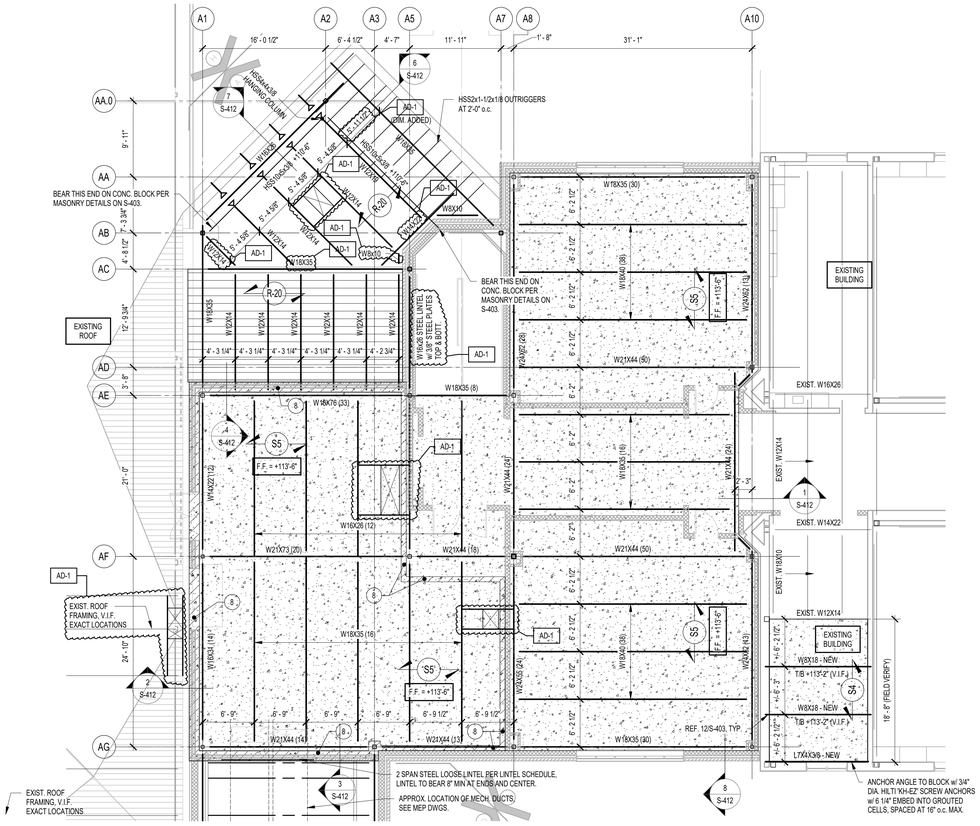
SHEET
G
S-202



1 SECOND FLOOR FRAMING PLAN - UNIT A

1/8" = 1'-0"

1. T/STEEL = +113'-1" TYP.-U.N.O.

FLOOR FRAMING PLAN NOTES

1. REFER TO SHEET S001 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. 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.
4. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
5. COORDINATE SIZE AND LOCATION OF ANY FLOOR OPENINGS w/ APPROPRIATE TRADE(S).
6. STAIRS AND/OR SHIPS LADDERS ARE BY STEEL FABRICATOR. COORD. EXTENTS / GEOMETRY w/ ARCH. DRAWINGS.
7. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL 1/S-411.
8. INSTALL CONTINUOUS CONCRETE CURBS AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS. SEE STRUCTURAL SECTIONS IN THE S400 SERIES FOR CONC. CURB DIMENSIONS AND REINF.
9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S-411. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.

PLAN LEGEND:

S4 — 2 1/2" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 1 1/2", 20 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 4". T/SLAB TO MATCH EXISTING.

S5 — 3" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 2", 18 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 5".

DENOTES APPROX. LOCATION OF FLOOR OPENING. COORD. EXACT SIZE AND LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE CURB AT FULL PERIMETER OF OPENING PER DETAIL 11/S-413. REFER TO TYPICAL DETAILS ON SHEET S400 FOR FRAMING AT OPENING.

DENOTES BEAM SIZE & NUMBER OF 3/4" DIA. x 4 3/8" LONG (4" AS WELDED) HEADED SHEAR STUDS UNIFORMLY SPACED ALONG LENGTH OF BEAM

W24X55 (30)
+115'-7"

DENOTES TOP OF STEEL ELEVATION

ROOF FRAMING PLAN NOTES

1. REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. 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.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
6. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL X/S-XXX FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
7. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
8. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
9. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
10. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
11. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
12. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
13. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
14. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
15. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
16. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
17. PLAN LEGEND:

T/X' — DENOTES TOP OF STEEL, SLAB, ETC.

E.O.S. (or EOS) — DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL 1/S-411

E.O.D. (or EOD) — DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED

R-20 — DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 7/S411.

DENOTES BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL 6/S-411

DENOTES BEAM SIZE
W24X55
+115'-7"
DENOTES TOP OF STEEL ELEVATION
AD-1

DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 8/S-411. COORD. EXACT LOCATION w/ MECH. CONTRACTOR.

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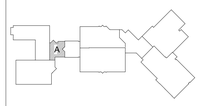
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN

SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

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

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REVISIONS

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AD-1	03.28.2022	ADDENDUM NO. 1

DRAWING
SECOND FLOOR FRAMING PLAN - UNIT A

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A
S-203

ROOF FRAMING PLAN NOTES

1. REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. 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.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
6. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL X/S-XXX FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
7. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
8. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
9. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
10. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
11. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
12. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
13. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
14. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
15. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
16. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
17. PLAN LEGEND:

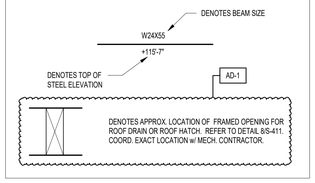
T/X — DENOTES TOP OF STEEL, SLAB, ETC.

E.O.S. (or EOS) — DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL 1/S-411

E.O.D. (or EOD) — DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED

R-20 — DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 7/S411.

DENOTES BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL 6/S-411



FLOOR FRAMING PLAN NOTES

1. REFER TO SHEET S001 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. 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. ELEVATON.
4. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
5. COORDINATE SIZE AND LOCATION OF ANY FLOOR OPENINGS w/ APPROPRIATE TRADE(S).
6. STAIRS AND/OR SHIPS LADDERS ARE BY STEEL FABRICATOR. COORD. EXTENTS / GEOMETRY w/ ARCH. DRAWINGS.
7. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL 1/S-411.
8. INSTALL CONTINUOUS CONCRETE CURBS AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS. SEE STRUCTURAL SECTIONS IN THE S400 SERIES FOR CONC. CURB DIMENSIONS AND REINF.
9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S-411. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.

PLAN LEGEND:

S4 — 2 1/2" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 1 1/2", 20 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 4". TS/LAB TO MATCH EXISTING.

S5 — 3" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 2", 18 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 5".

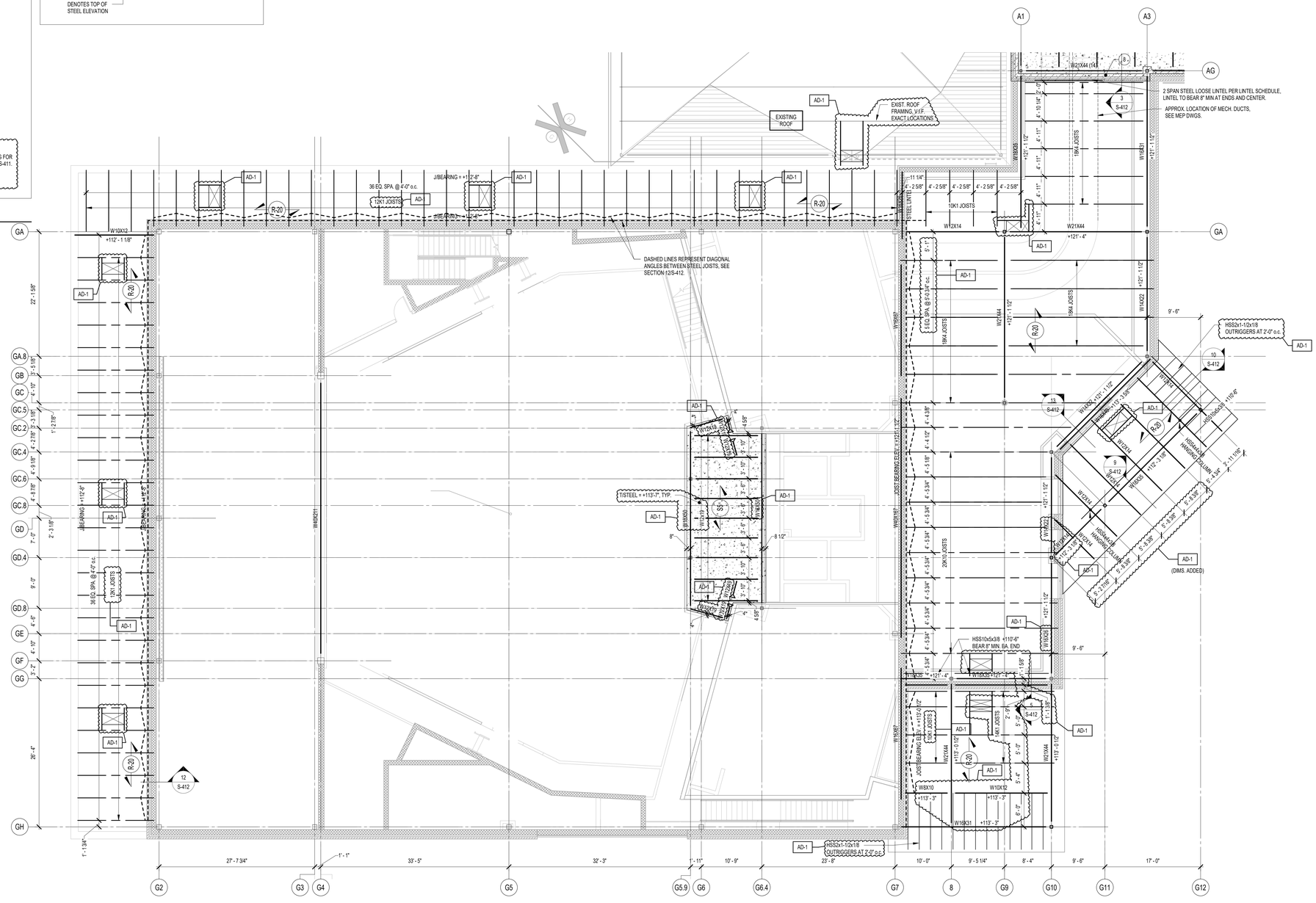
DENOTES APPROX. LOCATION OF FLOOR OPENING. COORD. EXACT SIZE AND LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE CURB AT FULL PERIMETER OF OPENING PER DETAIL 11/S-413. REFER TO TYPICAL DETAILS ON SHEET S420 FOR FRAMING AT OPENING.

DENOTES BEAM SIZE & NUMBER OF 3/4" DIA. x 4 3/8" LONG (4" AS WELDED) HEADED SHEAR STUDS UNIFORMLY SPACED ALONG LENGTH OF BEAM

W24X55 (30) +15'-7"

DENOTES TOP OF STEEL ELEVATION

STEEL FRAMING PLAN NOTES
1/4" = 1'-0"


A1
A3
AG
GA
GB
GC
GC.5
GC.2
GC.4
GC.6
GC.8
GD
GD.4
GD.8
GE
GF
GG
GH
G2
G3
G4
G5
G5.9
G6
G6.4
G7
8
G9
G10
G11
G12
EXISTING "ROOF"
EXIST. ROOF FRAMING, V.I.F. EXACT LOCATIONS
2 SPAN STEEL LOOSE LINTEL PER LINTEL SCHEDULE, LINTEL TO BEAR 8" MIN AT ENDS AND CENTER.
APPROX. LOCATION OF MECH. DUCTS, SEE MEP DWGS.
DASHED LINES REPRESENT DIAGONAL ANGLES BETWEEN STEEL JOISTS, SEE SECTION 12/S-412.
HSS2x1-1/2x1/8 OUTRIGGERS AT 2'-0" o.c.
HSS10x5x3/8 +110'-6" BEAR 8" MIN. EA. END
(DIMS. ADDED)
W21X44
W12X14
W10X12
W8X10
W10X31
W10X49
W12X22
W12X14
W16X26
W16X67
W14X30
W14X22
W12X19
W12X14
W8X24
W8X28
W8X35
W8X48
W8X67
W8X21
W8X31
W8X10
W8X15
W8X18

HIGH 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.
H. DASHED LINE INDICATES STEEL CHANNEL LAID IN DECK FLUTES FOR ROOF TOP CURB SUPPORT. REFER TO SECTION 12/S420 FOR ADDITIONAL INFORMATION.
I. L4x4x3/8 INSTALLED TIGHT TO ROOF DECK AND ALIGNED WITH BRIDGING SHOWN, TYP.
J. PROVIDE CONTINUOUS L7x4x3/8 FOR DECK SUPPORT. ANCHOR TO 12" BLOCK w/ 3/4" DIA. ADHESIVE ANCHORS AT 48" o.c. MAX. SET INTO GROUTED BLOCK w/ MIN 8" EMBED.
K. DESIGN THESE (3) JOISTS FOR AN ADDITIONAL 150 PLF BOTTOM CHORD LOAD (IN ADDITION TO ALL OTHER LOADING) FOR A FUTURE DIVIDER CURTAIN.

PLAN LEGEND:

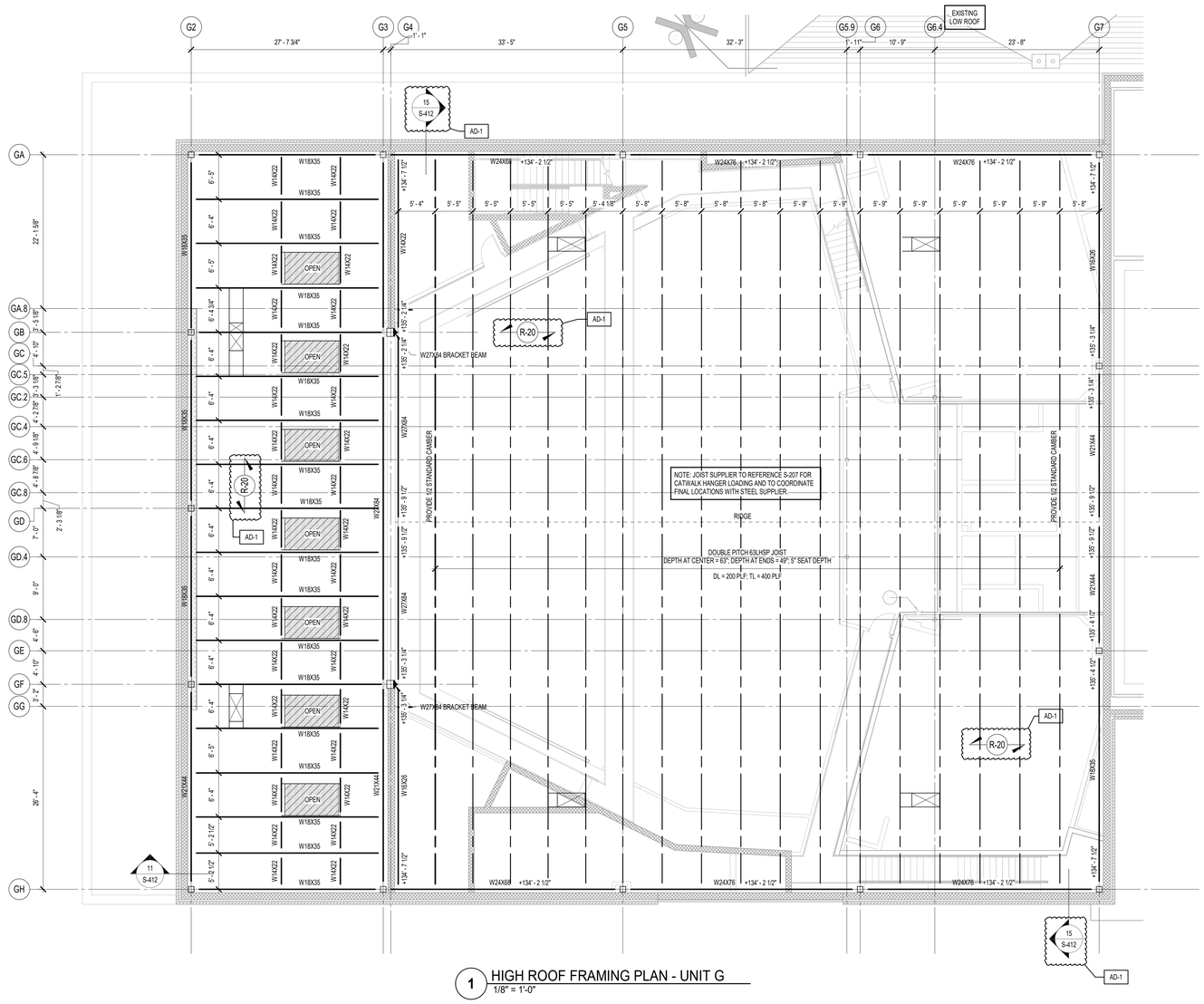
R-20 — DENOTES 1-1/2", 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY.

R-20A — DENOTES 1-1/2", 20 GA. WIDE-RIB ACOUSTICAL STEEL ROOF DECK, PRIME PAINTED (BOTH SIDES) ONLY.

R-3" — DENOTES 3", 20 GA. WIDE-RIB (TYPE 'N') STEEL ROOF DECK, PRIME PAINTED ONLY.

DENOTES APPROX. LOCATION OF ROOF OPENING. COORD. EXACT SIZE AND LOCATION WITH APPROPRIATE TRADE. REFER TO TYPICAL DETAILS ON SHEET S420 FOR FRAMING AT OPENING.

DENOTES BEAM SIZE
W24X55
25K +15' - 7" 25K
DENOTES TOP OF STEEL ELEVATION
DENOTES UNFACTORED MAXIMUM BEAM REACTION. WHERE REACTIONS ARE NOT LISTED USE 10 K.



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

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

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AD-1	03.28.2022	ADDENDUM NO. 1

DRAWING
HIGH ROOF FRAMING PLAN - UNIT G

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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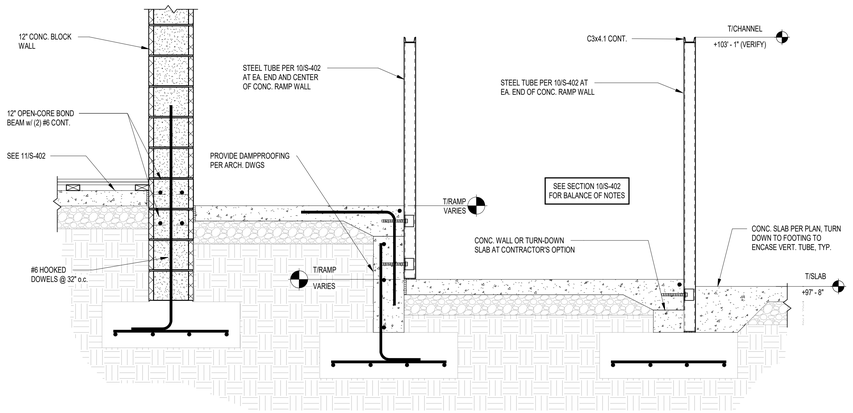
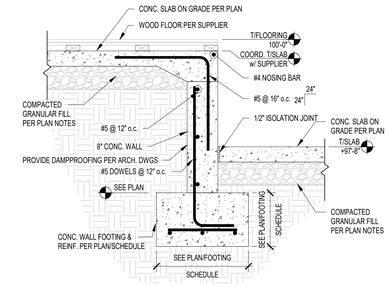
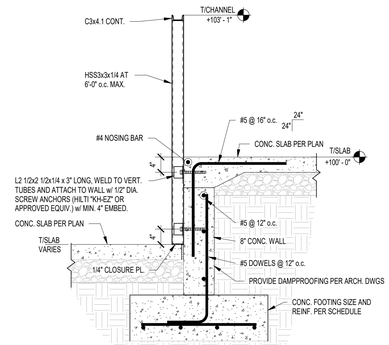
SHEET
G
S-206



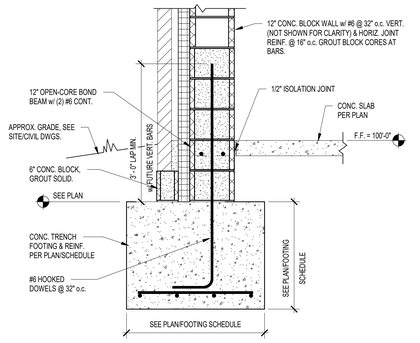
8 FOUNDATION SECTION
3/4" = 1'-0"



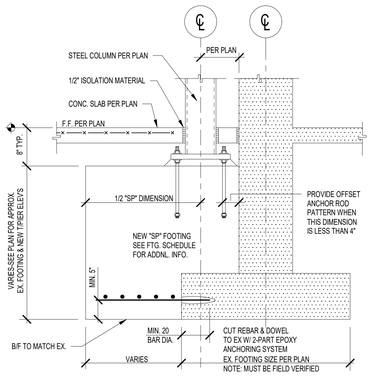
4 FOUNDATION SECTION
3/4" = 1'-0"



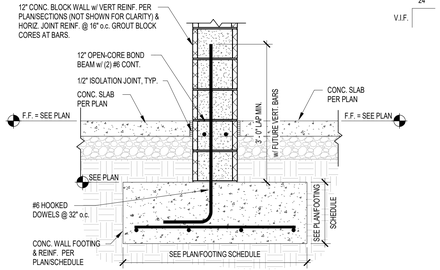
7 FOUNDATION SECTION
3/4" = 1'-0"



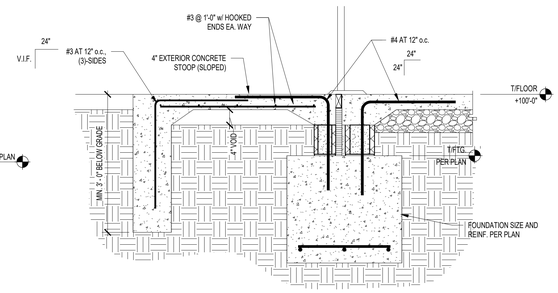
3 FOUNDATION SECTION
3/4" = 1'-0"



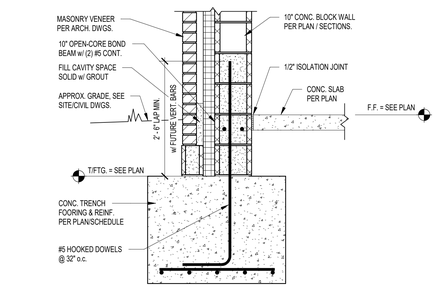
10 NEW-TO-EX. COLUMN FOOTING DETAIL
NOT TO SCALE



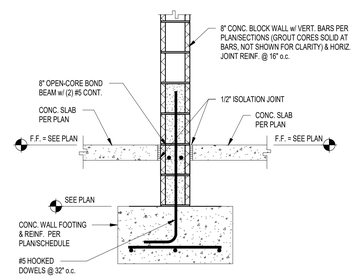
6 FOUNDATION SECTION
3/4" = 1'-0"



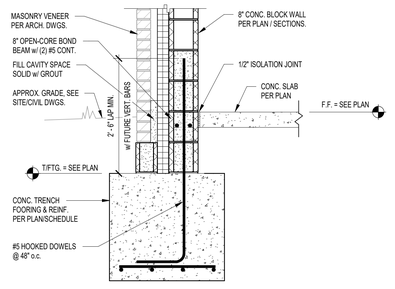
2 FOUNDATION SECTION
3/4" = 1'-0"



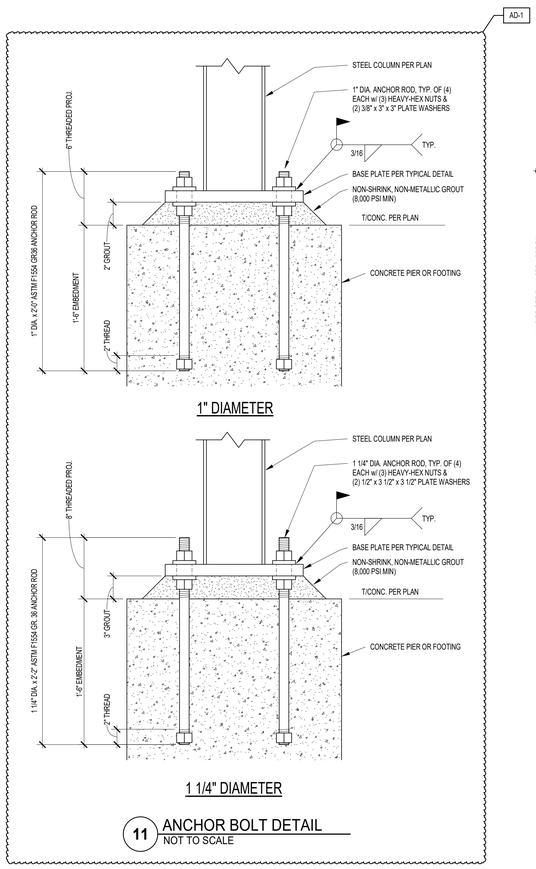
9 FOUNDATION SECTION
3/4" = 1'-0"



5 FOUNDATION SECTION
3/4" = 1'-0"



1 FOUNDATION SECTION
3/4" = 1'-0"



11 ANCHOR BOLT DETAIL
NOT TO SCALE

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

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PROJECT
21-106
DATE
3/14/22
COORDINATED BY
NHF
DRAWN BY
NHF
CHECKED BY
SAC

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1

DRAWING
STRUCTURAL FOUNDATION SECTIONS/DETAILS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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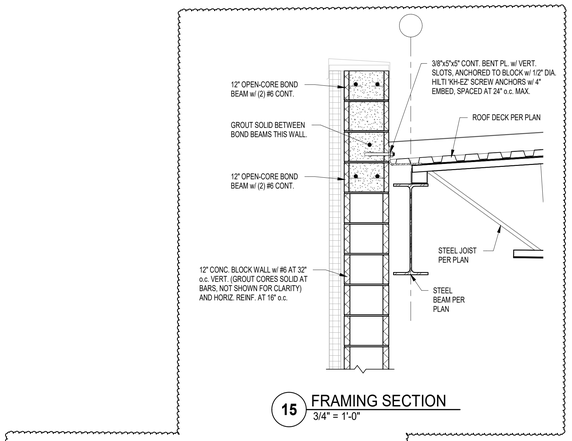
SHEET
S-402



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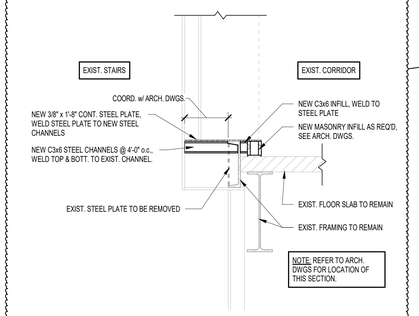
3/4" = 1'-0"



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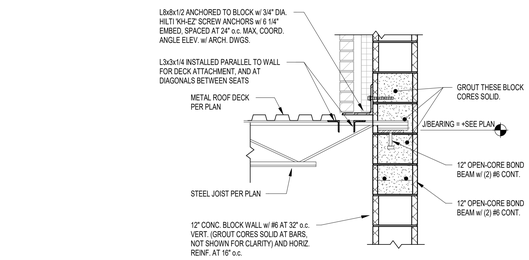

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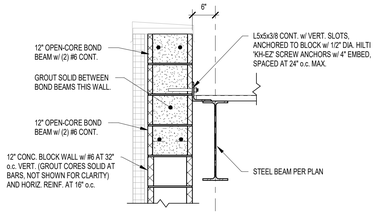

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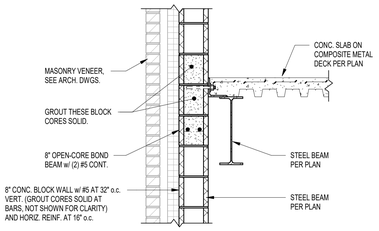

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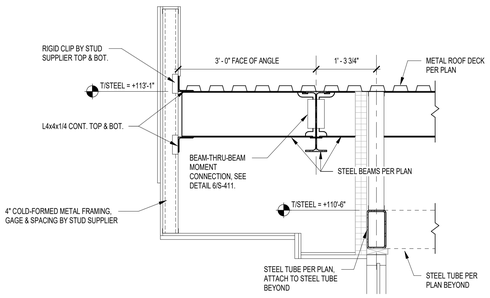

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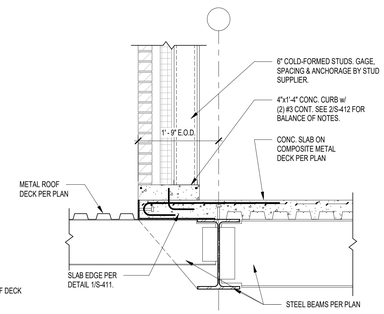

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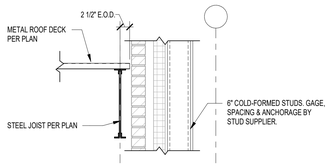

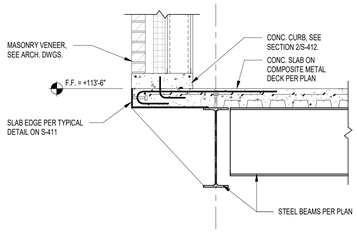

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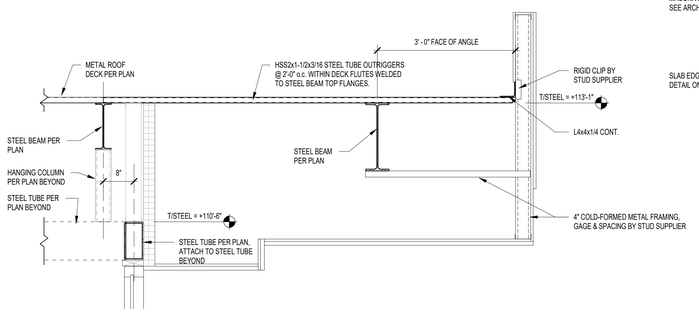

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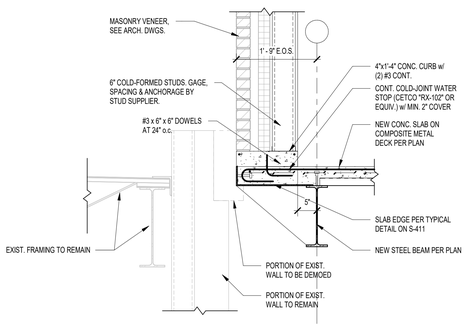

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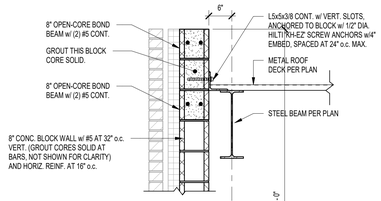

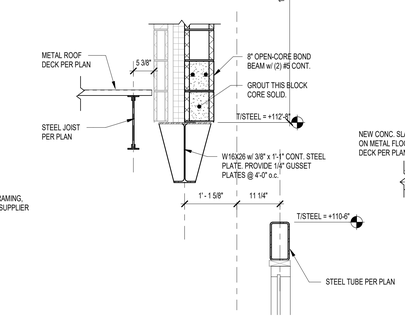

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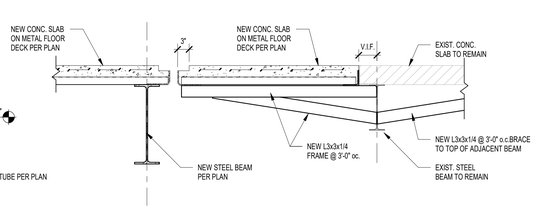

1 FRAMING SECTION
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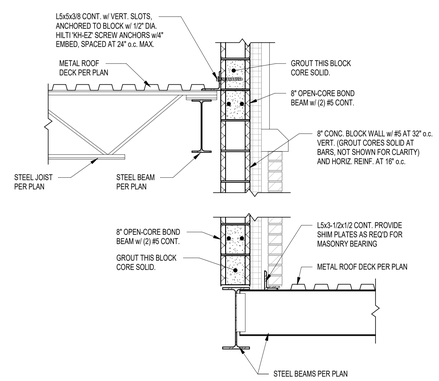

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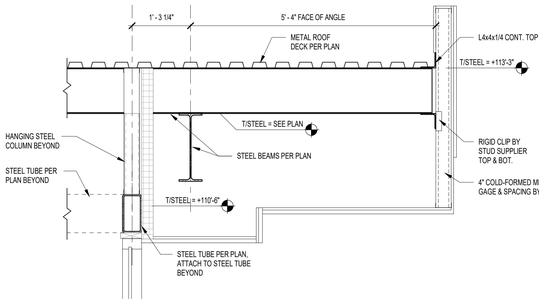

9 FRAMING SECTION
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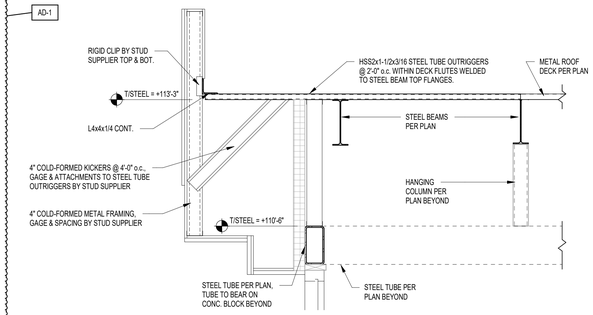

10 FRAMING SECTION
3/4" = 1'-0"

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10600154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1

DRAWING
STRUCTURAL FRAMING SECTIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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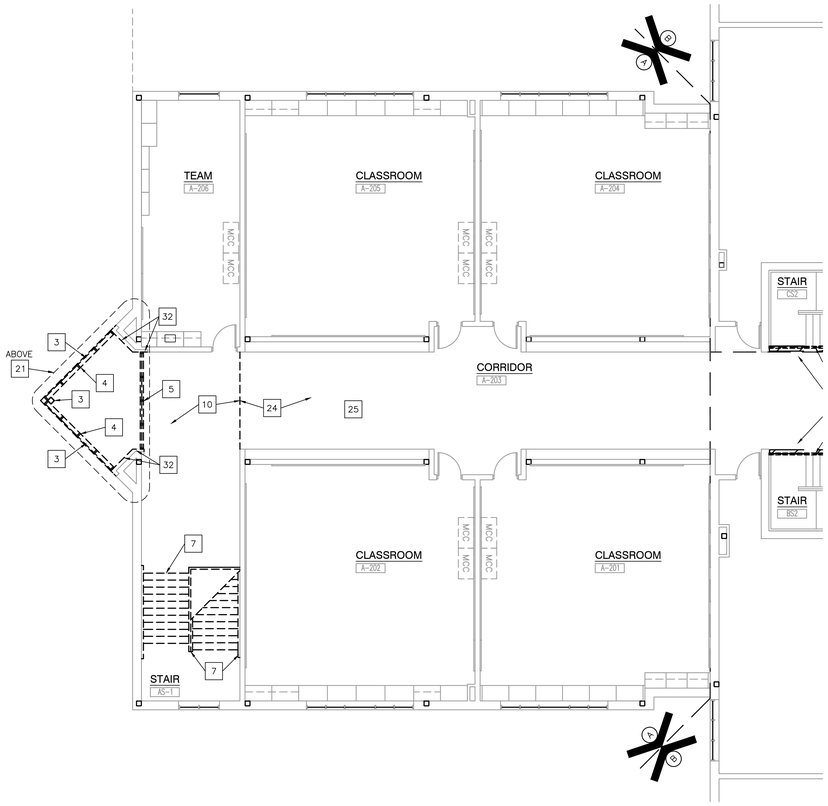
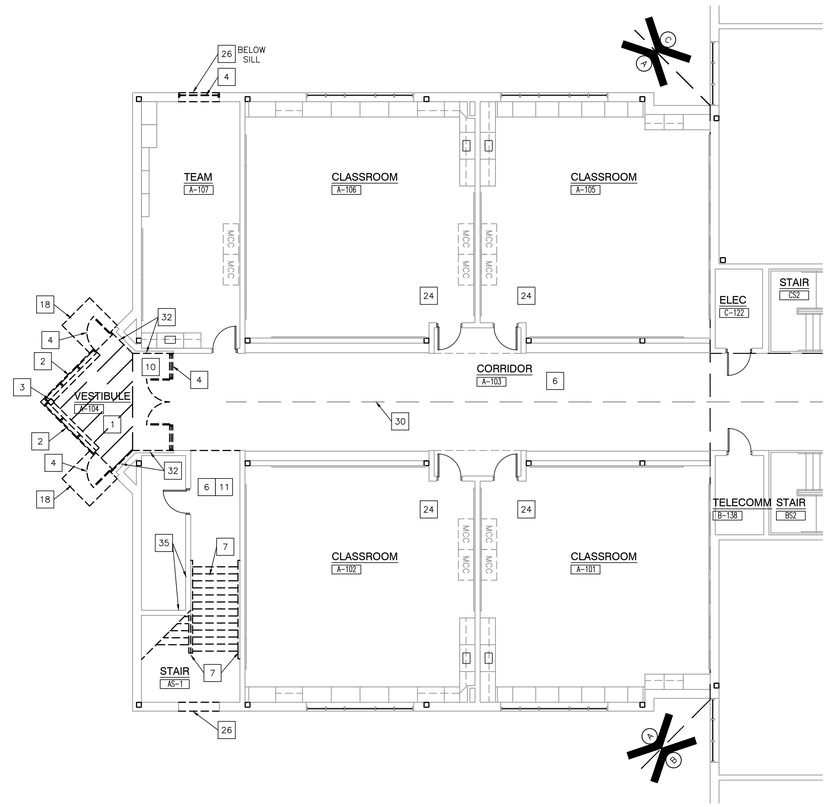
SHEET
S-412



UNIT "A" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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



UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

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

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE PUBLIC SAFETY.

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. DEMOLITION SHALL BE PERFORMED WITHOUT CAUSING DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1. DEMOLISH EXISTING CONCRETE SLAB.
2. DEMOLISH EXISTING WALL AND FOOTING.
3. DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4. DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5. DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE.
6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. — AD-1
7. DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8. REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10. REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11. REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13. REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14. REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15. EXISTING METAL COLUMN TO REMAIN.
16. REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17. DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18. REMOVE CONCRETE STOOP.
19. APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20. REMOVE METAL WINDOW FRAME.
21. REMOVE ROOF STRUCTURE AND FRAMING.
22. CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23. REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24. EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25. EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26. REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27. REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28. DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29. DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31. REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32. REMOVE AND SALVAGE FACE BRICK.
33. CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34. GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35. CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36. REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37. REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38. PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39. REMOVE TOILET ACCESSORIES.
40. SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN.

AD-1

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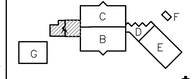
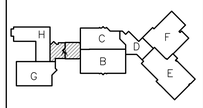
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR 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 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING

UNIT "A" ARCHITECTURAL FIRST & SECOND FLOOR DEMOLITION PLANS

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET A AD101

Tuesday, 3/29/2022 - 8:21 AM - LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\AD101.DWG

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O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

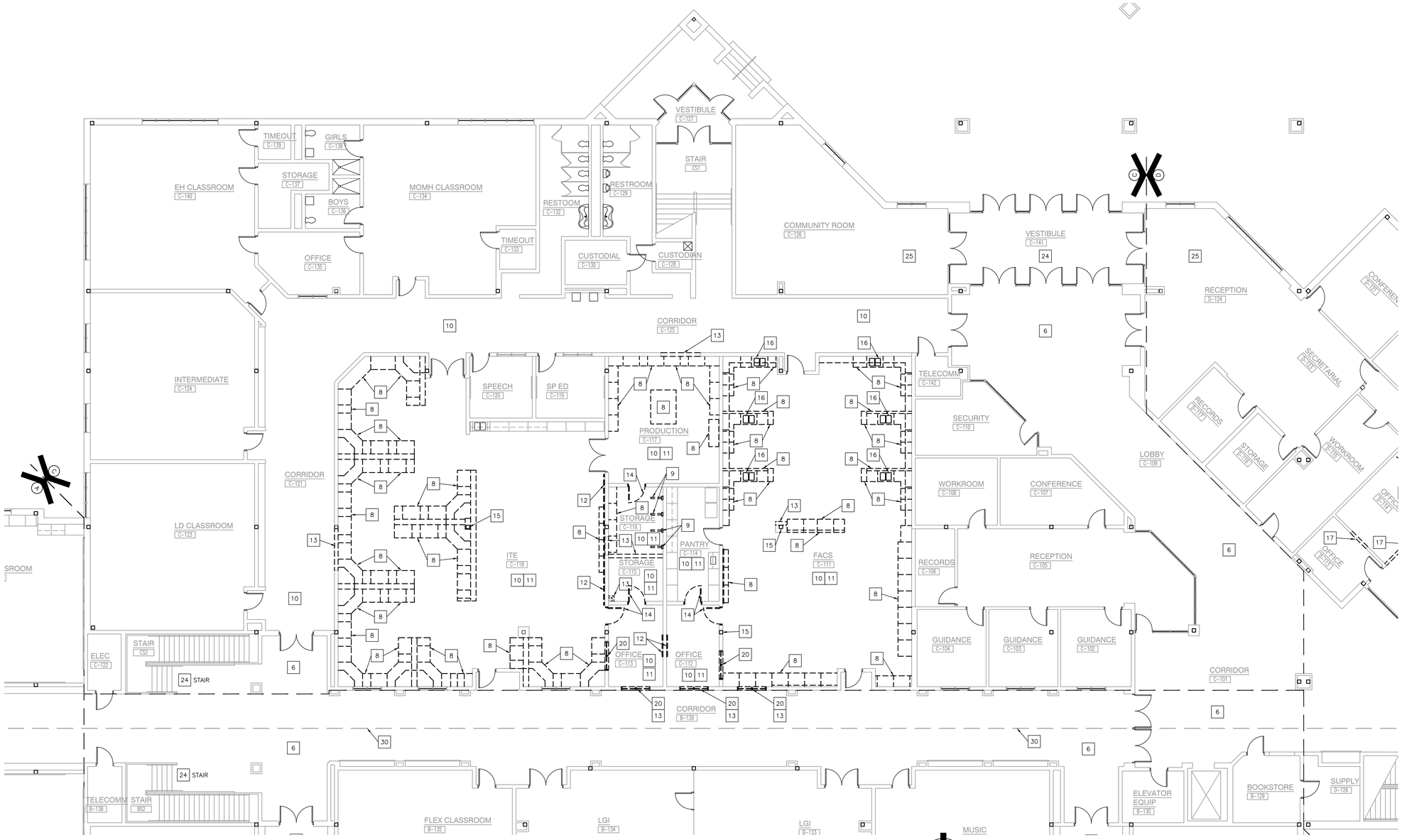
V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1 DEMOLISH EXISTING CONCRETE SLAB.
2 DEMOLISH EXISTING WALL AND FOOTING.
3 DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4 DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5 DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE.
6 DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. AD-1
7 DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8 REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9 REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10 REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11 REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14 REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15 EXISTING METAL COLUMN TO REMAIN.
16 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17 DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18 REMOVE CONCRETE STOOP.
19 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20 REMOVE METAL WINDOW FRAME.
21 REMOVE ROOF STRUCTURE AND FRAMING.
22 CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23 REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25 EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26 REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27 REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28 DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29 DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31 REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32 REMOVE AND SALVAGE FACE BRICK.
33 CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34 GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35 CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36 REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37 REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38 PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39 REMOVE TOILET ACCESSORIES.
40 SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41 REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. AD-1



UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

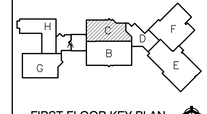
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET C AD104

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GENERAL DEMOLITION NOTES:

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

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F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

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30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
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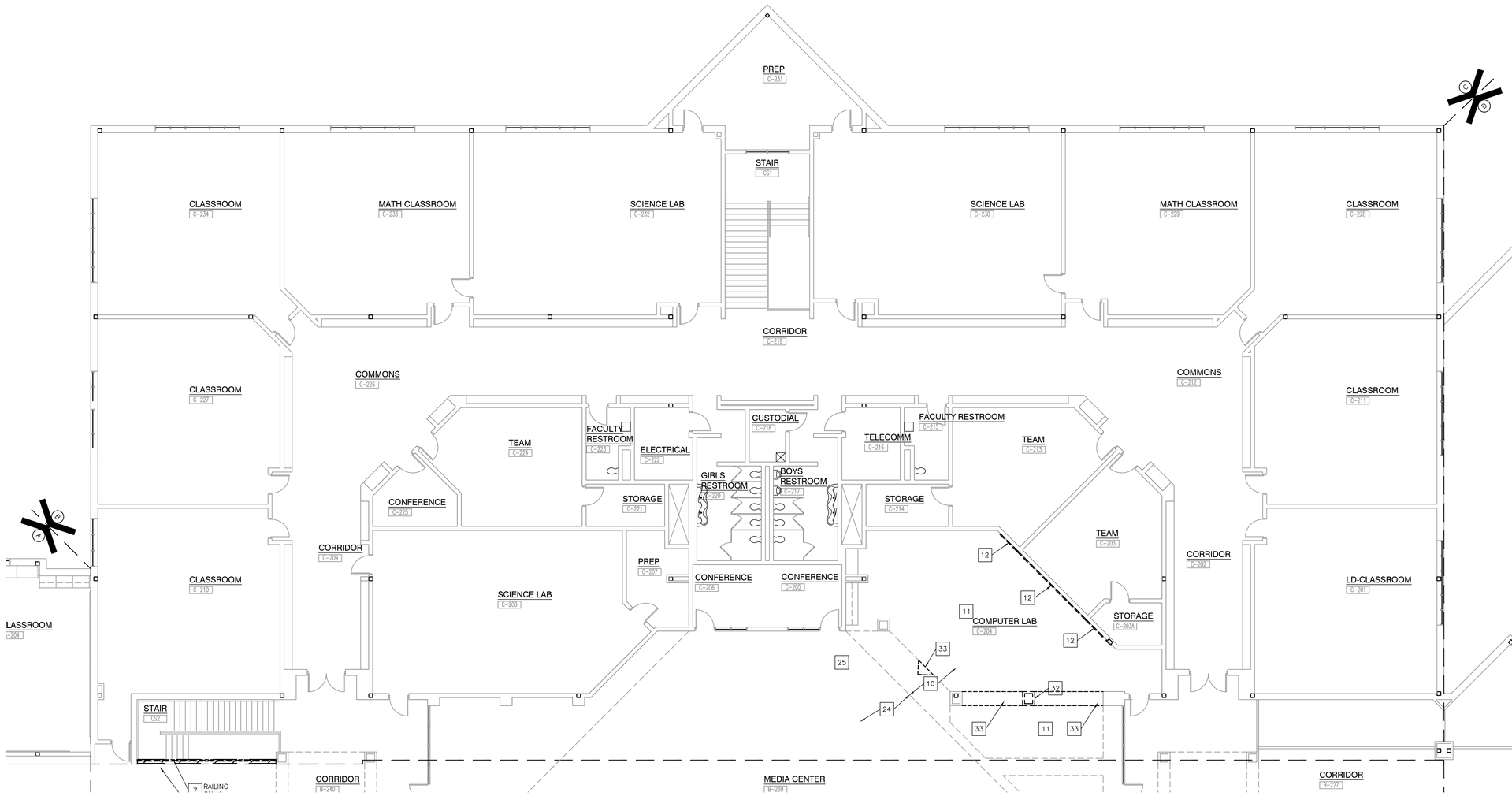

UNIT "C" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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

NORTH

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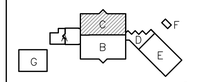
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR 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 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "C" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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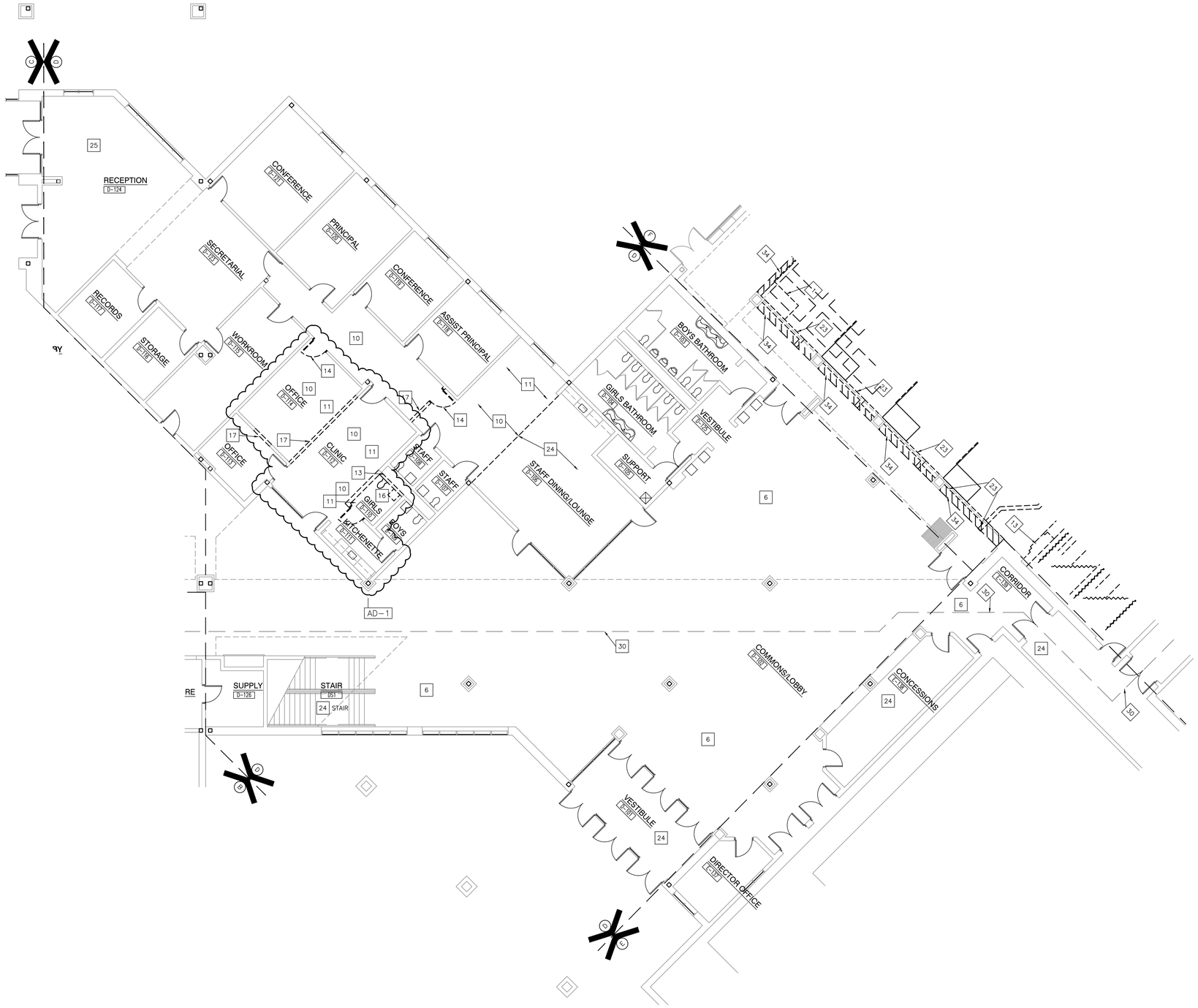
SHEET C AD105



UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

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U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1 DEMOLISH EXISTING CONCRETE SLAB.
2 DEMOLISH EXISTING WALL AND FOOTING.
3 DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4 DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5 DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE.
6 DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. AD-1
7 DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8 REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY, PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9 REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10 REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11 REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14 REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15 EXISTING METAL COLUMN TO REMAIN.
16 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY, CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE, UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17 DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18 REMOVE CONCRETE STOOP.
19 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20 REMOVE METAL WINDOW FRAME.
21 REMOVE ROOF STRUCTURE AND FRAMING.
22 CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23 REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25 EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26 REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27 REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28 DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29 DEMOLISH BASEBOARD HEATER, CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31 REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32 REMOVE AND SALVAGE FACE BRICK.
33 CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34 GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35 CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36 REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37 REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38 PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39 REMOVE TOILET ACCESSORIES.
40 SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41 REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN.

AD-1

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

FIRST FLOOR KEY PLAN

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

PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET D AD107

Monday, 3/28/2022 - 4:44 PM - LAST SAVED BY:EMCCAULEY
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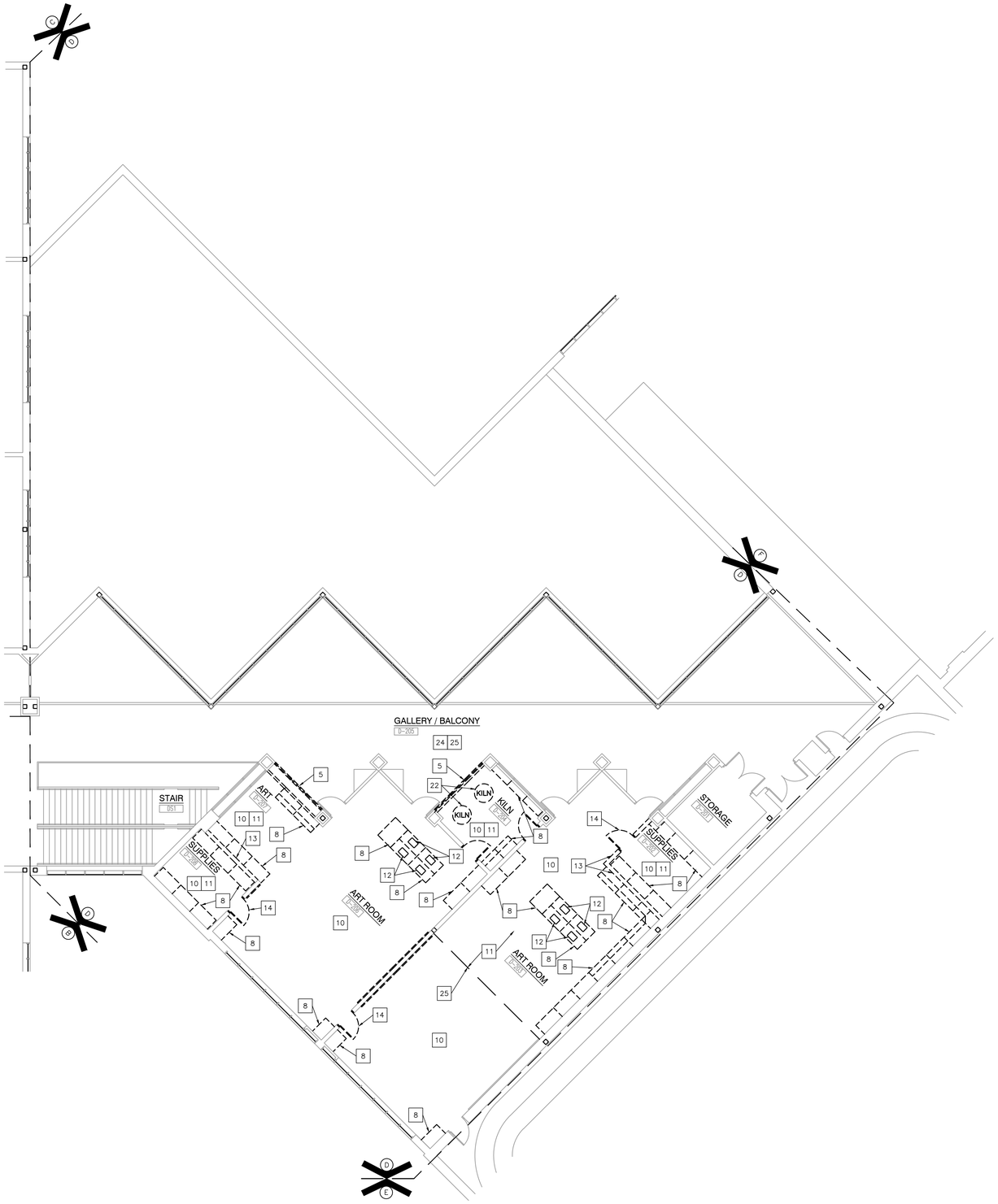

UNIT "D" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

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

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE PUBLIC SAFETY.

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. DEMOLITION SHALL BE PERFORMED WITHOUT CAUSING DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

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41 REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. — AD-1

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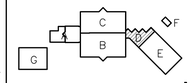
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR 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 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING

UNIT "D" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET

D AD108

Tuesday, 3/29/2022 - 8:20 AM - LAST SAVED BY:EMCCAULEY
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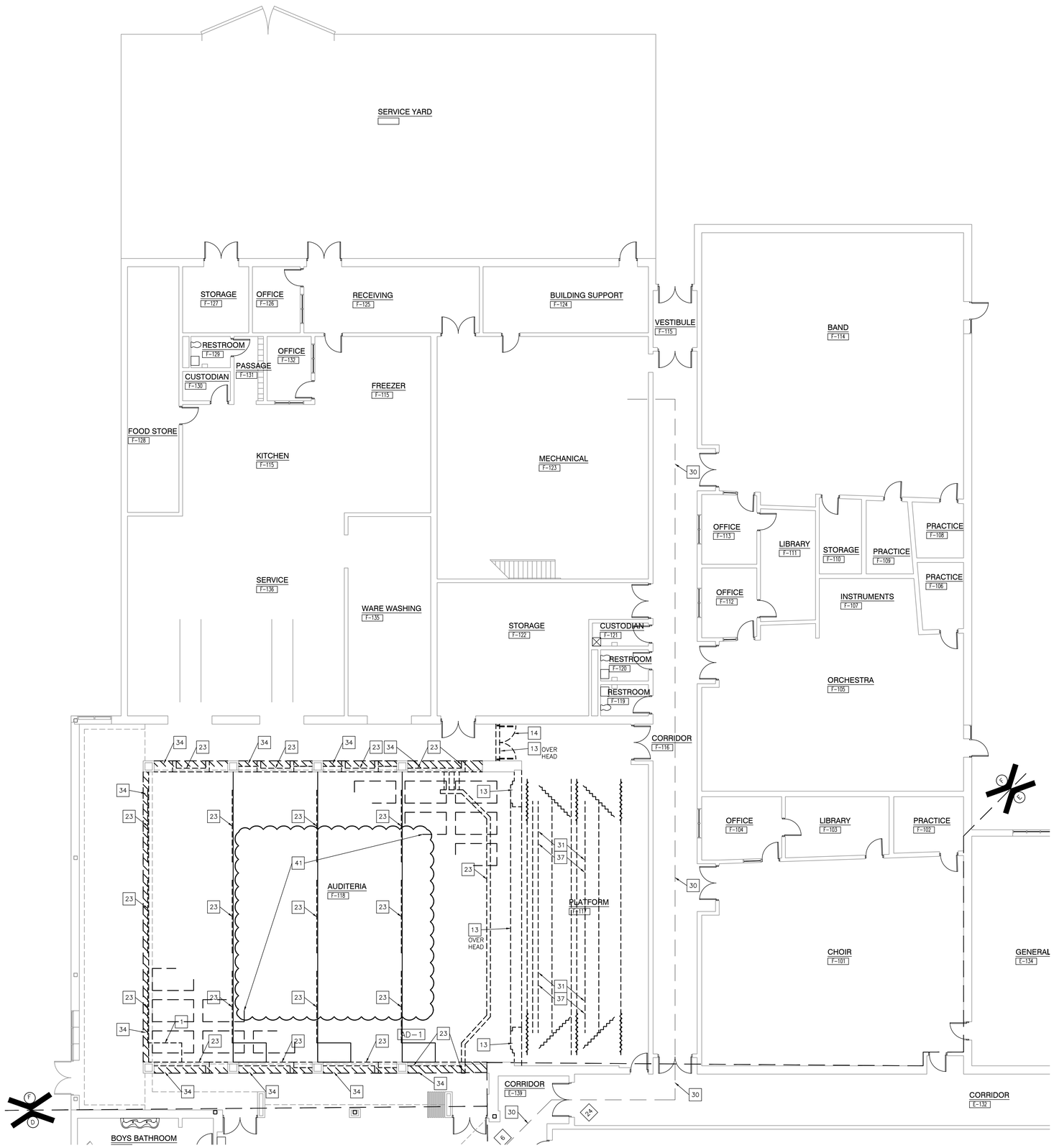

UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

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

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C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE PUBLIC SAFETY.

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

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P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

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5. DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE.
6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. — AD-1
7. DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8. REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
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10. REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
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18. REMOVE CONCRETE STOOP.
19. APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20. REMOVE METAL WINDOW FRAME.
21. REMOVE ROOF STRUCTURE AND FRAMING.
22. CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23. REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24. EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25. EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26. REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27. REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28. DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29. DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31. REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32. REMOVE AND SALVAGE FACE BRICK.
33. CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34. GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35. CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36. REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37. REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38. PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39. REMOVE TOILET ACCESSORIES.
40. SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN.

AD-1

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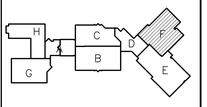
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING

UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET F AD111

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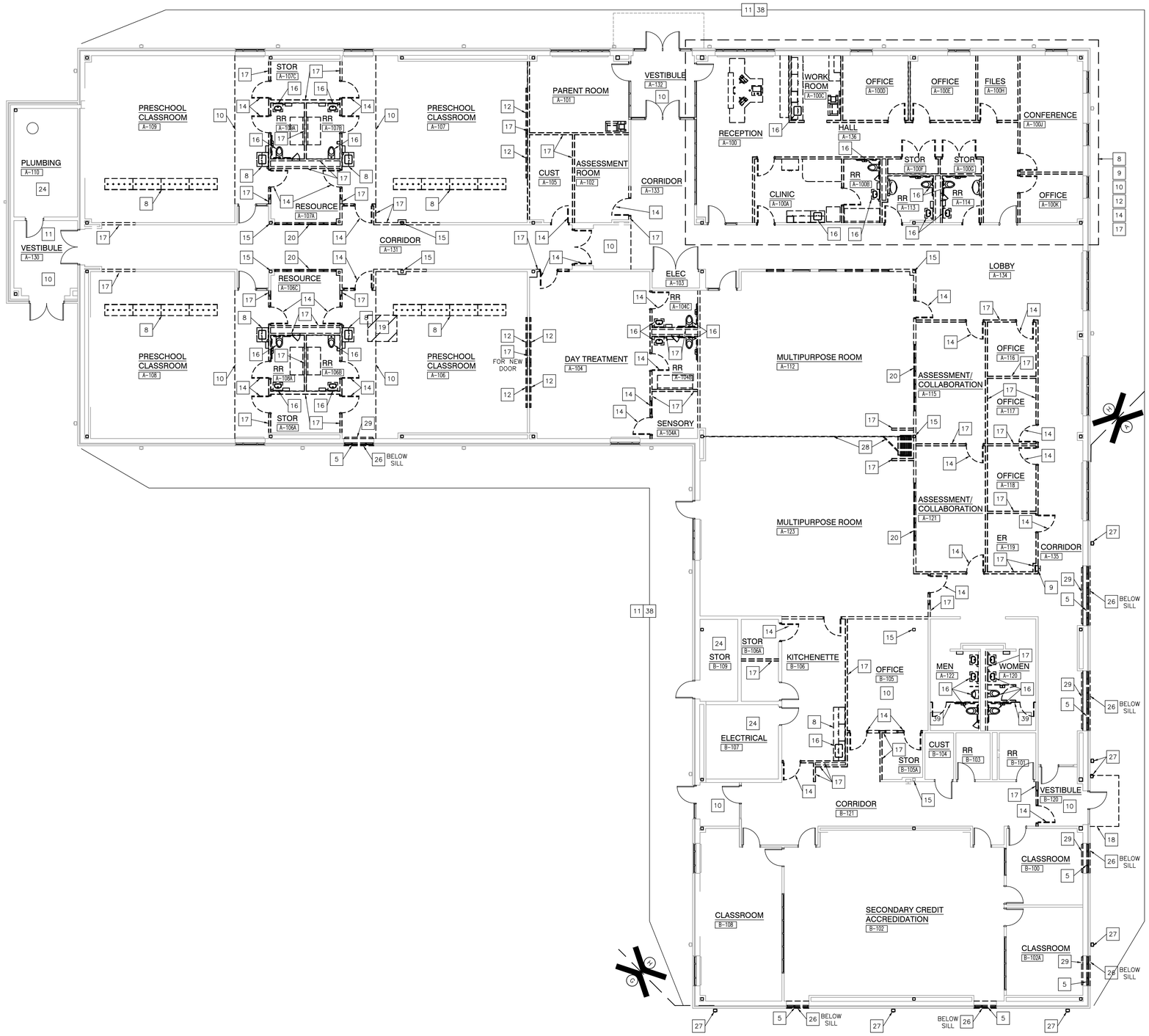

UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

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

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING EXTENT OF DEMOLITION WITH INSTALLATION OF NEW SYSTEMS.

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE PUBLIC SAFETY.

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. DEMOLITION SHALL BE PERFORMED WITHOUT CAUSING DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1. DEMOLISH EXISTING CONCRETE SLAB.
2. DEMOLISH EXISTING WALL AND FOOTING.
3. DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4. DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5. DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE.
6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. — AD-1
7. DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8. REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10. REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11. REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13. REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14. REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15. EXISTING METAL COLUMN TO REMAIN.
16. REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17. DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18. REMOVE CONCRETE STOOP.
19. APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20. REMOVE METAL WINDOW FRAME.
21. REMOVE ROOF STRUCTURE AND FRAMING.
22. CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23. REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24. EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25. EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26. REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27. REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28. DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29. DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31. REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32. REMOVE AND SALVAGE FACE BRICK.
33. CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34. GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35. CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36. REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37. REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38. PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39. REMOVE TOILET ACCESSORIES.
40. SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. — AD-1

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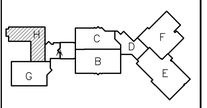
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET H AD114

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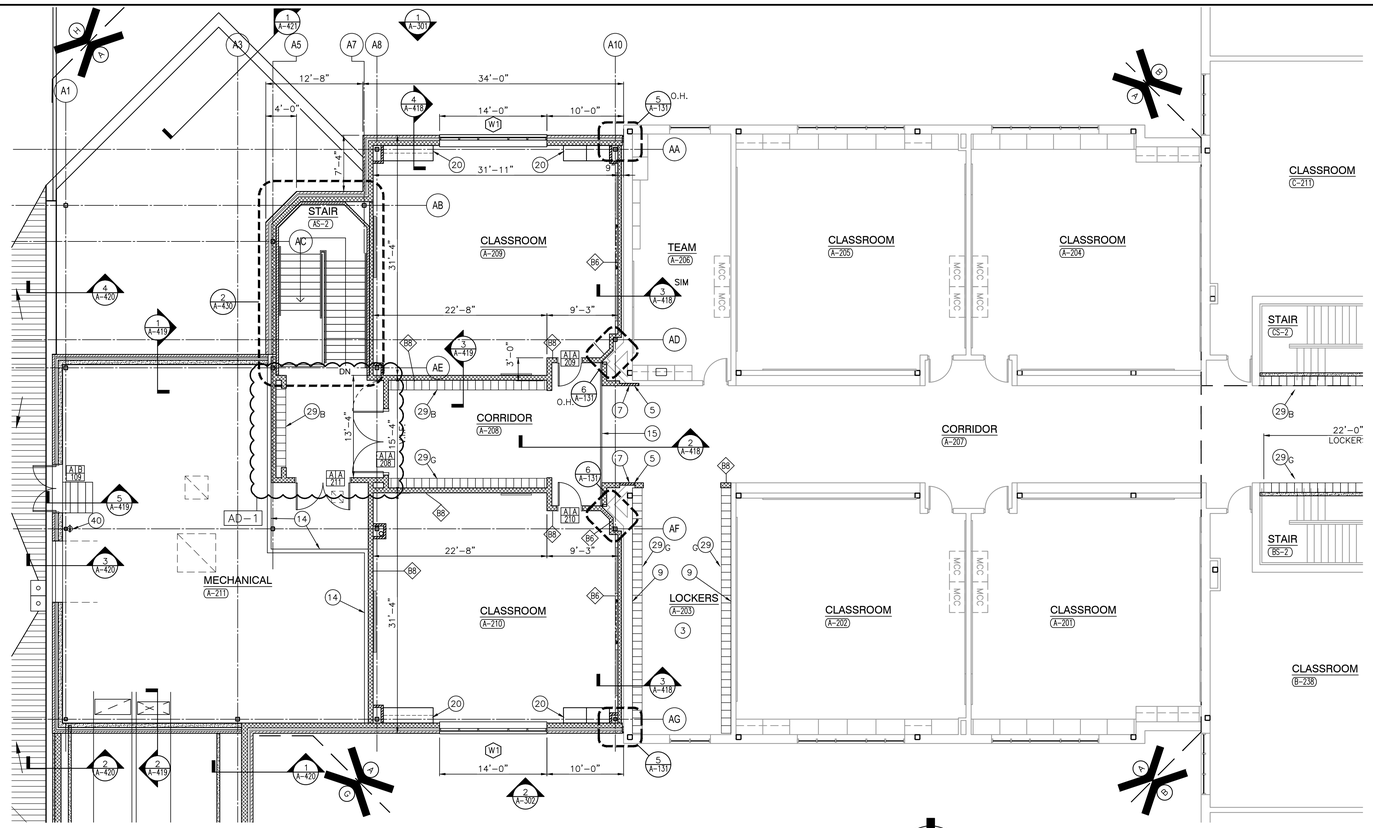
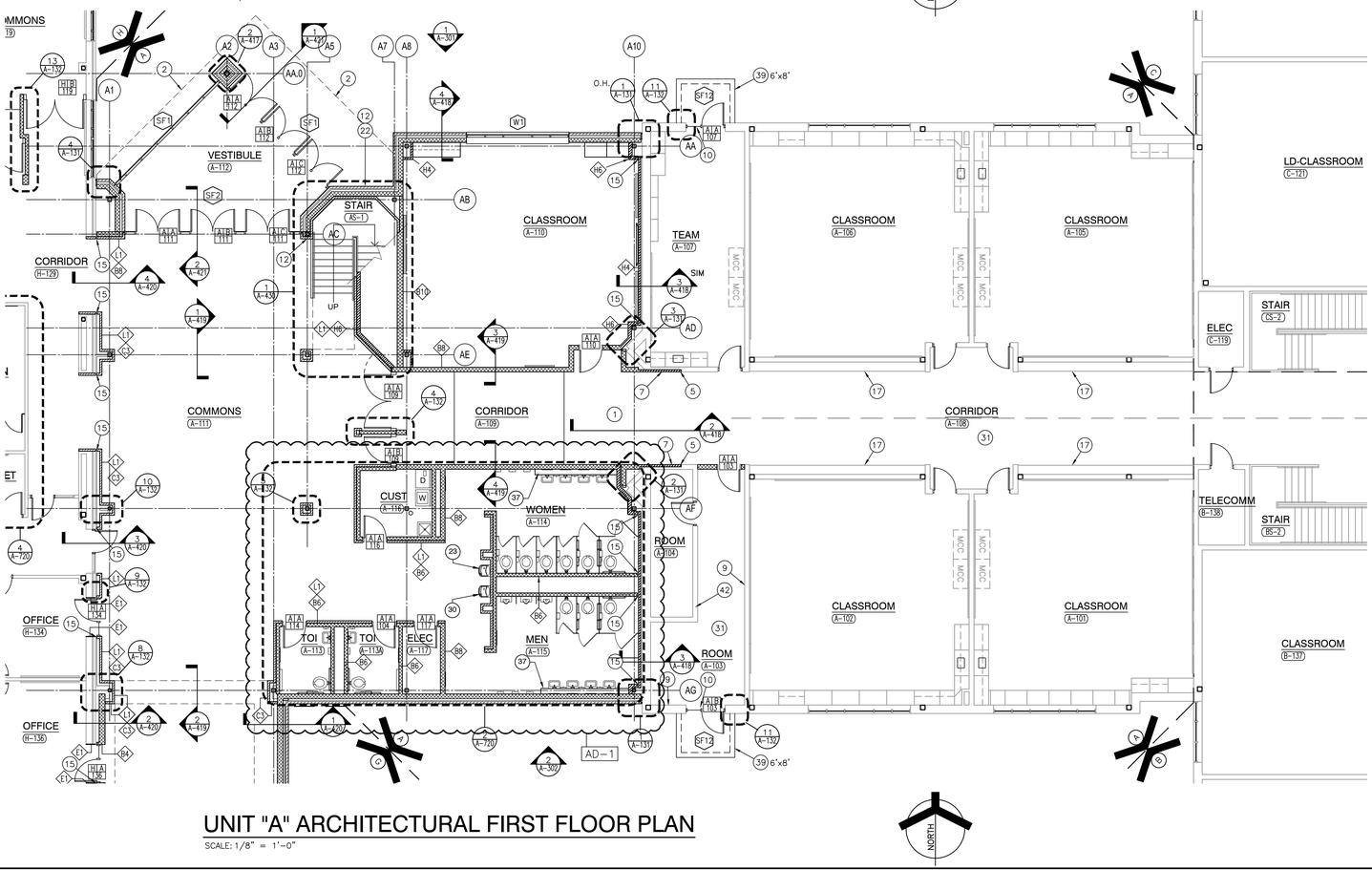


UNIT "A" ARCHITECTURAL SECOND FLOOR PLAN

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



UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL PLAN NOTES:

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

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

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

D. MASONRY WALLS BEARING ON 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" CONNECTING TO THE EXISTING CLASSROOM BUILDING AT 99'-6". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

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

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

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

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

PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL DRAWINGS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES.
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER. POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. 4" CMU INFILL WHERE BRICK VENEER WAS REMOVED.
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES.
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH, REPAIR AND TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. PATCH FLOOR AT NEW DOOR OPENING. INSTALL VCT FROM ATTIC STOCK.
11. SEMI-RECESSED EXTINGUISHER CABINET. — 6/A-501
12. PUSH PAD FOR ADA OPERATOR.
13. PROVIDE TRANSITION STRIP AT FLOOR FINISH TRANSITION.
14. CONCRETE CURB, 6"W x 6"H.
15. EXPANSION JOINT COVER AT INTERIOR WALL.
16. CONCRETE SLAB OVER EXPANDED FOAM INFILL. REFER TO STRUCTURAL DRAWINGS.
17. EXISTING LOCKERS TO REMAIN
18. INSTALL 1/4" DRYWALL OVER EXISTING WALL. EXTEND WALL DEVICES AS REQUIRED.
19. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
20. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
21. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
22. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
23. ACCESSIBLE ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
25. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
26. CONCRETE INFILL OVER EXISTING CONCRETE SUBFLOOR AT WOOD STAGE UNTIL LEVEL WITH ADJACENT SLAB
27. TRANSITION BETWEEN FACE OF BRICK AND GYPSUM BOARD, 1'-0" FROM CORNER OF ANGLED WALLS.
28. PATCH GYPSUM BOARD WALL TO MATCH ADJACENT SURFACES.
29. NEW METAL LOCKERS. (R)ED, (B)LUE, (G)REEN, INDICATES COLOR. TYPE "A". PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
30. ACCESSIBLE ELECTRIC WATER COOLER (BOTTLE FILLER ONLY), REFER TO PLUMBING DRAWINGS.
31. INFILL EXISTING RECESSED SLAB UNTIL LEVEL WITH ADJACENT SLAB. PREPARE FLOOR PER NOTE 3.
32. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING CANOPY BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
33. GYPSUM WALL COATING ON ENTIRE WALL (ON WALL ABOVE DOORS WHERE APPLICABLE).
34. DISPLAY WALL / MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING COUNTER DOOR. — 7/A-501
36. RETURN AIR GRILLE COVER. — 10/A-501
37. CHASE WALL WITH SOLID SURFACE TOP. — 9/A-501
38. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 35" ABOVE SLOPE OF RAMP AND EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL.
39. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL. — 15/A-501
40. FIRE EXTINGUISHER (WALL-MOUNTED).
41. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
42. ADD CMU TO EXISTING CMU WALLS AND EXTEND WALL TO UNDERSIDE OF 2ND FLOOR DECK.
43. SPEAKER ROUGH-IN. — 1A/A-413
44. COLUMN ENCLOSURE — 5/A-862

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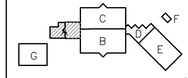
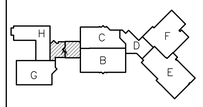
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "A" ARCHITECTURAL FIRST & SECOND FLOOR PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A-101

Monday, 3/28/2022 - 5:26 PM - LAST SAVED BY:EMCAULEY
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\A-101.DWG

PLAN LEGEND:

- INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A–600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES WALL TYPES REFER TO G–201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL DRAWINGS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES.
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER. POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. 4" CMU INFILL WHERE BRICK VENEER WAS REMOVED.
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES.
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH, REPAIR AND TOOTH–IN TO MATCH COURSING BOND PATTERN OF WALL.
10. PATCH FLOOR AT NEW DOOR OPENING. INSTALL VCT FROM ATTIC STOCK.
11. SEMI–RECESSED EXTINGUISHER CABINET. — 6 / A–501
12. PUSH PAD FOR ADA OPERATOR.
13. PROVIDE TRANSITION STRIP AT FLOOR FINISH TRANSITION.
14. CONCRETE CURB, 6"W x 6"H.
15. EXPANSION JOINT COVER AT INTERIOR WALL.
16. CONCRETE SLAB OVER EXPANDED FOAM INFILL. REFER TO STRUCTURAL DRAWINGS.
17. EXISTING LOCKERS TO REMAIN
18. INSTALL 1/4" DRYWALL OVER EXISTING WALL. EXTEND WALL DEVICES AS REQUIRED.
19. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
20. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
21. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
22. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
23. ACCESSIBLE ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
25. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
26. CONCRETE INFILL OVER EXISTING CONCRETE SUBFLOOR AT WOOD STAGE UNTIL LEVEL WITH ADJACENT SLAB
27. TRANSITION BETWEEN FACE OF BRICK AND GYPSUM BOARD, 1'–0" FROM CORNER OF ANGLED WALLS.
28. PATCH GYPSUM BOARD WALL TO MATCH ADJACENT SURFACES.
29. NEW METAL LOCKERS. (R)ED, (B)LUE, (G)REEN, INDICATES COLOR. TYPE "A". PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A–501.
30. ACCESSIBLE ELECTRIC WATER COOLER (BOTTLE FILLER ONLY), REFER TO PLUMBING DRAWINGS.
31. INFILL EXISTING RECESSED SLAB UNTIL LEVEL WITH ADJACENT SLAB. PREPARE FLOOR PER NOTE 3.
32. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING CANOPY BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
33. GYPSUM WALL COATING ON ENTIRE WALL (ON WALL ABOVE DOORS WHERE APPLICABLE).
34. DISPLAY WALL / MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING COUNTER DOOR. — 7 / A–501
36. RETURN AIR GRILLE COVER. — 10 / A–501
37. CHASE WALL WITH SOLID SURFACE TOP. — 9 / A–501
38. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 35" ABOVE SLOPE OF RAMP AND EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL.
39. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL. — 15 / A–501
40. FIRE EXTINGUISHER (WALL–MOUNTED).
41. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
42. ADD CMU TO EXISTING CMU WALLS AND EXTEND WALL TO UNDERSIDE OF 2ND FLOOR DECK.
43. SPEAKER ROUGH–IN. — 1A / A–413
44. COLUMN ENCLOSURE — 5 / A–862

GENERAL PLAN NOTES:

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

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

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

D. MASONRY WALLS BEARING ON 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" CONNECTING TO THE EXISTING CLASSROOM BUILDING AT 99'–6"). REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

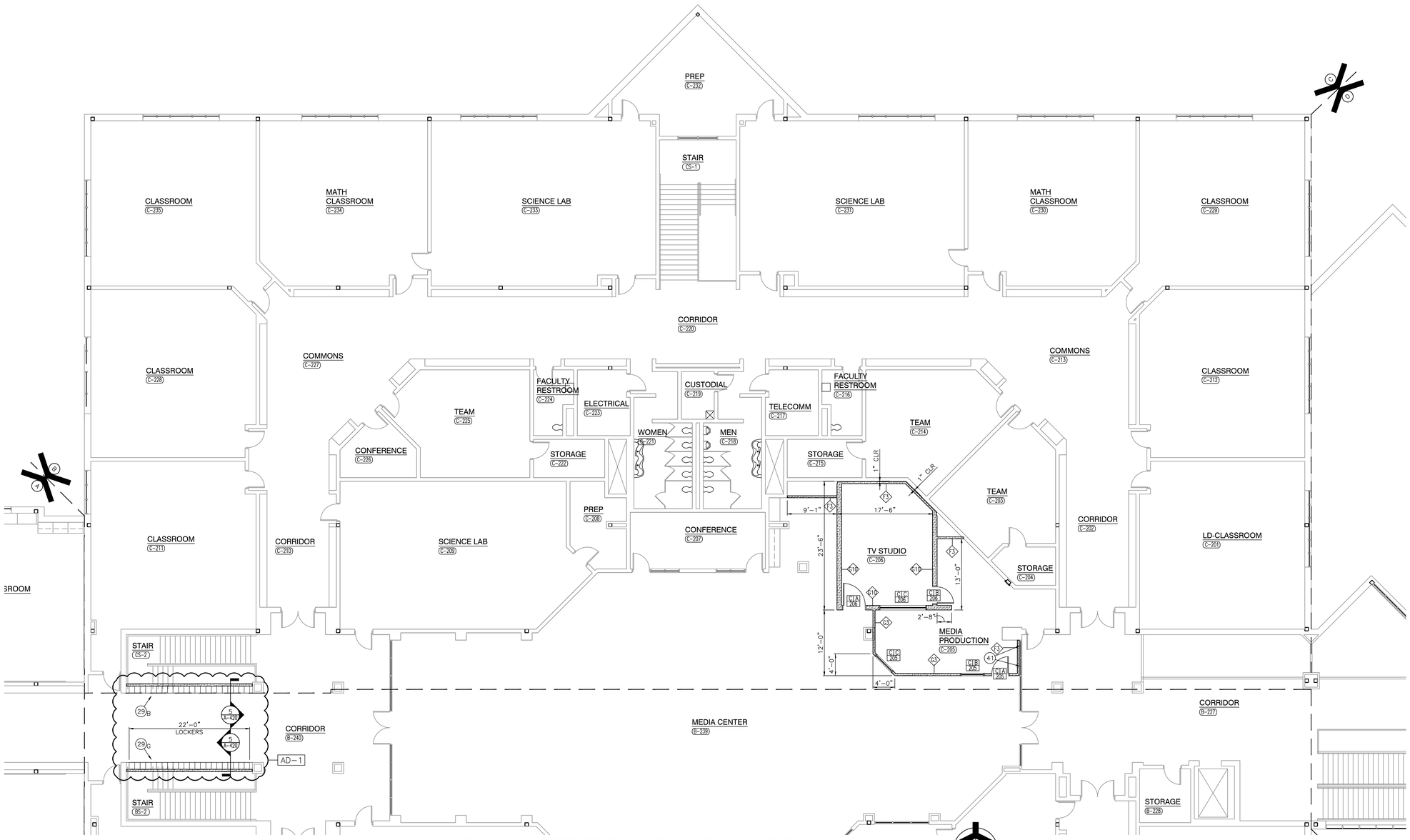
I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

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

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

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

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



UNIT "C" ARCHITECTURAL SECOND FLOOR PLAN

SCALE: 1/8" = 1'–0"

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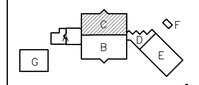
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN

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Email info@GibraltarDesign.com
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PROJECT 21–106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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DRAWING
UNIT "C" ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET C A-105

Monday, 3/28/2022 – 5:24 PM – LAST SAVED BY:EMCCAULEY
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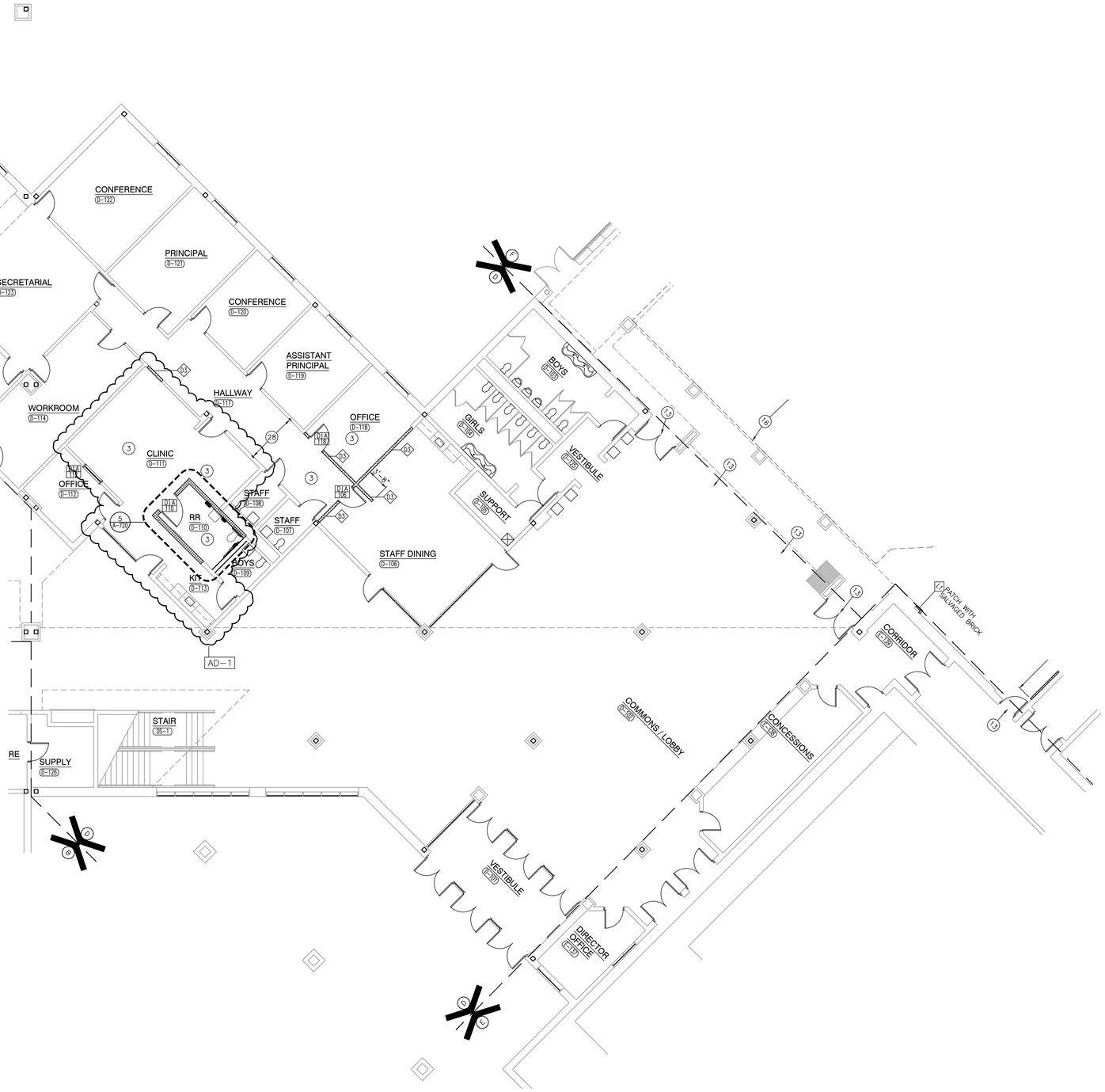

UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL PLAN NOTES:

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

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

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

D. MASONRY WALLS BEARING ON 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" CONNECTING TO THE EXISTING CLASSROOM BUILDING AT 99'-6". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

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

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

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

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

PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL DRAWINGS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES.
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER. POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. 4" CMU INFILL WHERE BRICK VENEER WAS REMOVED.
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES.
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH, REPAIR AND TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. PATCH FLOOR AT NEW DOOR OPENING. INSTALL VCT FROM ATTIC STOCK.
11. SEMI-RECESSED EXTINGUISHER CABINET. — 6 / A-501
12. PUSH PAD FOR ADA OPERATOR.
13. PROVIDE TRANSITION STRIP AT FLOOR FINISH TRANSITION.
14. CONCRETE CURB, 6"W x 6"H.
15. EXPANSION JOINT COVER AT INTERIOR WALL.
16. CONCRETE SLAB OVER EXPANDED FOAM INFILL. REFER TO STRUCTURAL DRAWINGS.
17. EXISTING LOCKERS TO REMAIN
18. INSTALL 1/4" DRYWALL OVER EXISTING WALL. EXTEND WALL DEVICES AS REQUIRED.
19. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
20. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
21. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
22. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
23. ACCESSIBLE ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
25. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
26. CONCRETE INFILL OVER EXISTING CONCRETE SUBFLOOR AT WOOD STAGE UNTIL LEVEL WITH ADJACENT SLAB
27. TRANSITION BETWEEN FACE OF BRICK AND GYPSUM BOARD, 1'-0" FROM CORNER OF ANGLED WALLS.
28. PATCH GYPSUM BOARD WALL TO MATCH ADJACENT SURFACES.
29. NEW METAL LOCKERS. (R)ED, (B)LUE, (G)REEN, INDICATES COLOR. TYPE "A". PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
30. ACCESSIBLE ELECTRIC WATER COOLER (BOTTLE FILLER ONLY), REFER TO PLUMBING DRAWINGS.
31. INFILL EXISTING RECESSED SLAB UNTIL LEVEL WITH ADJACENT SLAB. PREPARE FLOOR PER NOTE 3.
32. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING CANOPY BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
33. GYPSUM WALL COATING ON ENTIRE WALL (ON WALL ABOVE DOORS WHERE APPLICABLE).
34. DISPLAY WALL / MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING COUNTER DOOR. — 7 / A-501
36. RETURN AIR GRILLE COVER. — 10 / A-501
37. CHASE WALL WITH SOLID SURFACE TOP. — 9 / A-501
38. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 35" ABOVE SLOPE OF RAMP AND EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL.
39. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL. — 15 / A-501
40. FIRE EXTINGUISHER (WALL-MOUNTED).
41. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
42. ADD CMU TO EXISTING CMU WALLS AND EXTEND WALL TO UNDERSIDE OF 2ND FLOOR DECK.
43. SPEAKER ROUGH-IN. — 1A / A-413
44. COLUMN ENCLOSURE — 5 / A-862

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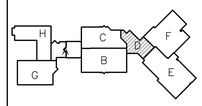
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

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AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
D
A-107

Monday, 3/28/2022 - 5:25 PM - LAST SAVED BY:EMCCAULEY
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UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL PLAN NOTES:

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

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

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

D. MASONRY WALLS BEARING ON 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" CONNECTING TO THE EXISTING CLASSROOM BUILDING AT 99'-6"). REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

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

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

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

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

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5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. 4" CMU INFILL WHERE BRICK VENEER WAS REMOVED.
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES.
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11. SEMI-RECESSED EXTINGUISHER CABINET. — 6 / A-501
12. PUSH PAD FOR ADA OPERATOR.
13. PROVIDE TRANSITION STRIP AT FLOOR FINISH TRANSITION.
14. CONCRETE CURB, 6"W x 6"H.
15. EXPANSION JOINT COVER AT INTERIOR WALL.
16. CONCRETE SLAB OVER EXPANDED FOAM INFILL. REFER TO STRUCTURAL DRAWINGS.
17. EXISTING LOCKERS TO REMAIN
18. INSTALL 1/4" DRYWALL OVER EXISTING WALL. EXTEND WALL DEVICES AS REQUIRED.
19. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
20. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
21. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
22. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
23. ACCESSIBLE ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
25. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
26. CONCRETE INFILL OVER EXISTING CONCRETE SUBFLOOR AT WOOD STAGE UNTIL LEVEL WITH ADJACENT SLAB
27. TRANSITION BETWEEN FACE OF BRICK AND GYPSUM BOARD, 1'-0" FROM CORNER OF ANGLED WALLS.
28. PATCH GYPSUM BOARD WALL TO MATCH ADJACENT SURFACES.
29. NEW METAL LOCKERS. (R)ED, (B)LUE, (G)REEN, INDICATES COLOR. TYPE "A". PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
30. ACCESSIBLE ELECTRIC WATER COOLER (BOTTLE FILLER ONLY), REFER TO PLUMBING DRAWINGS.
31. INFILL EXISTING RECESSED SLAB UNTIL LEVEL WITH ADJACENT SLAB. PREPARE FLOOR PER NOTE 3.
32. CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING CANOPY BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
33. GYPSUM WALL COATING ON ENTIRE WALL (ON WALL ABOVE DOORS WHERE APPLICABLE).
34. DISPLAY WALL / MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING COUNTER DOOR. — 7 / A-501
36. RETURN AIR GRILLE COVER. — 10 / A-501
37. CHASE WALL WITH SOLID SURFACE TOP. — 9 / A-501
38. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 35" ABOVE SLOPE OF RAMP AND EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL.
39. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL. — 15 / A-501
40. FIRE EXTINGUISHER (WALL-MOUNTED).
41. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
42. ADD CMU TO EXISTING CMU WALLS AND EXTEND WALL TO UNDERSIDE OF 2ND FLOOR DECK.
43. SPEAKER ROUGH-IN. — 14 / A-413
44. COLUMN ENCLOSURE — 5 / A-862

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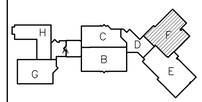
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "F" ARCHITECTURAL FIRST FLOOR

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET F
A-111

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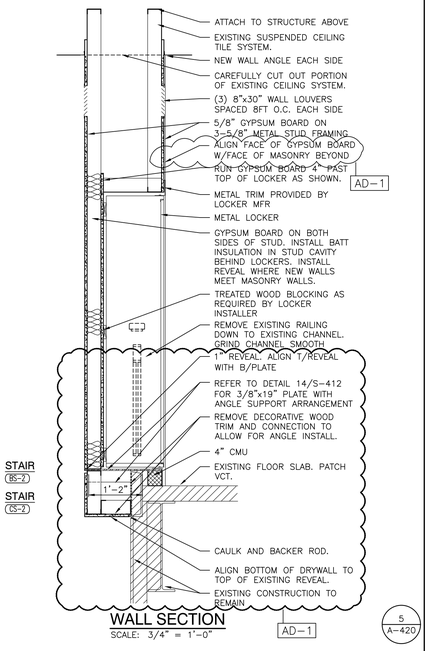
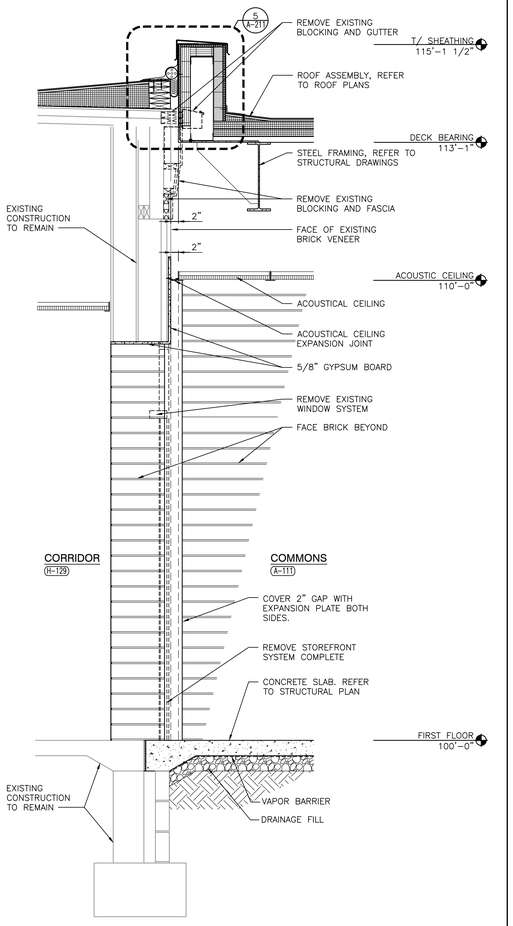
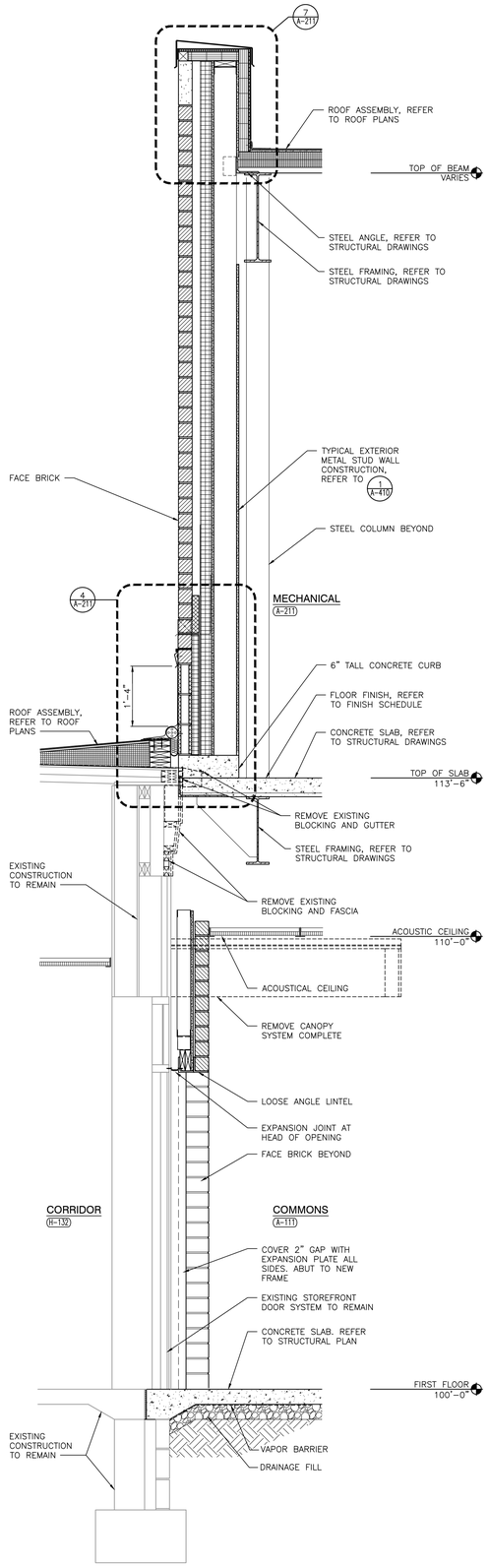


WALL SECTION
SCALE: 3/4" = 1'-0"



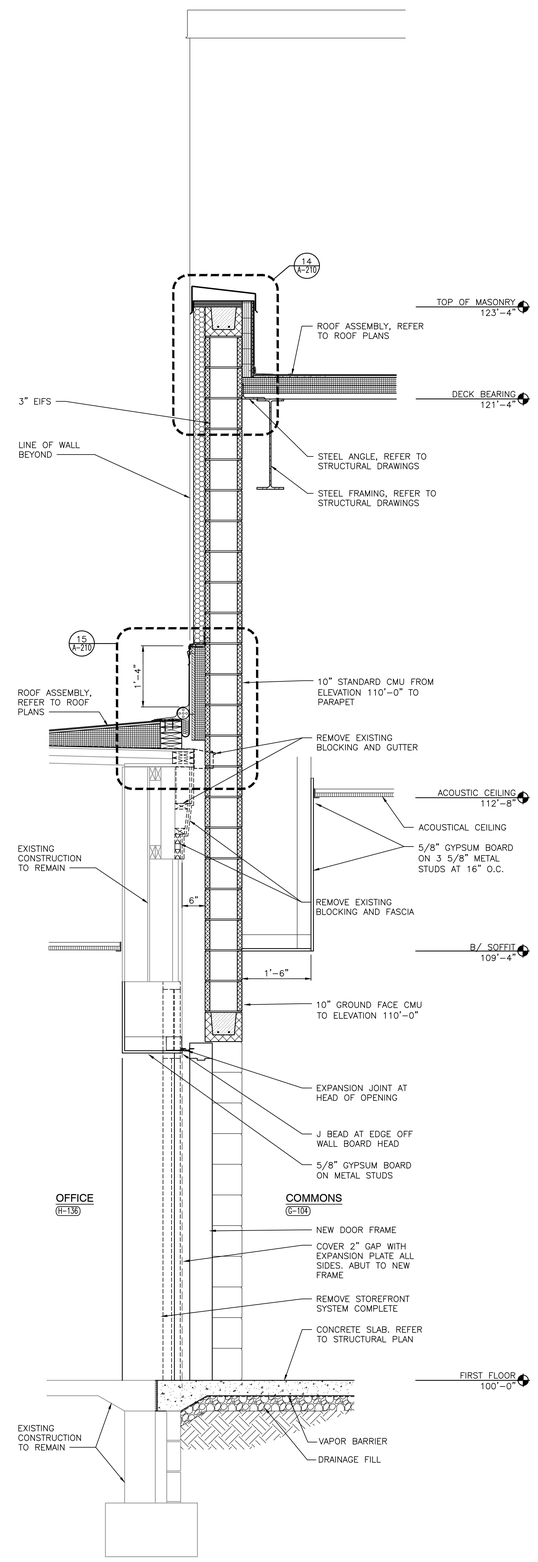
WALL SECTION
SCALE: 3/4" = 1'-0"

4 A-420



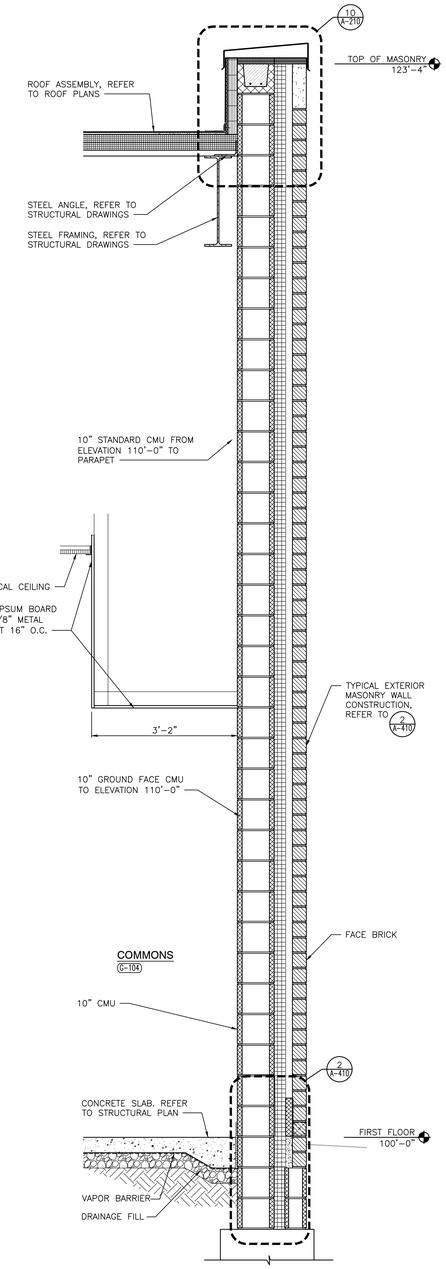
WALL SECTION
SCALE: 3/4" = 1'-0"

3 A-420



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

2 A-420



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

1 A-420

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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DRAWING
WALL SECTIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A-420

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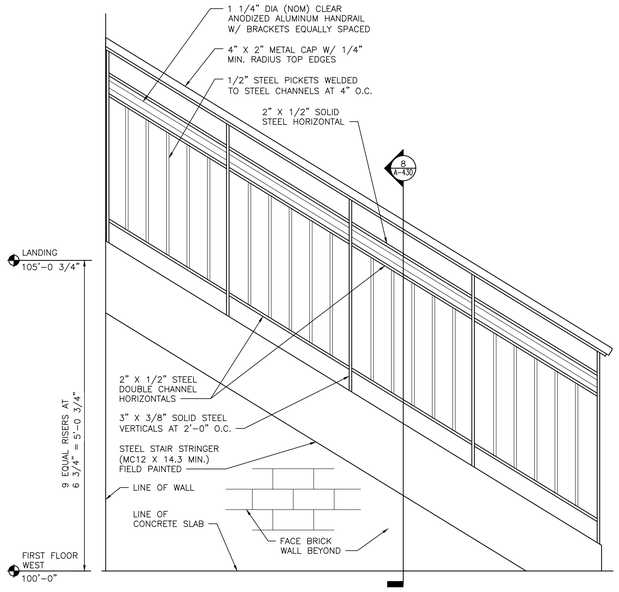
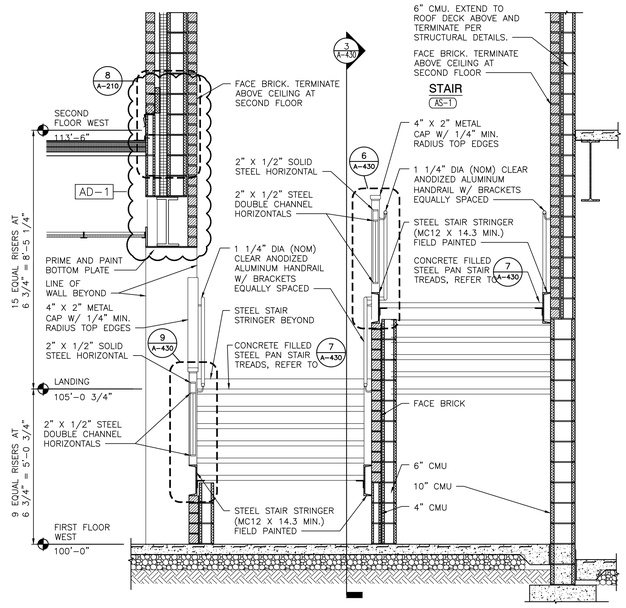


STAIR ELEVATION

SCALE: 1" = 1'-0"

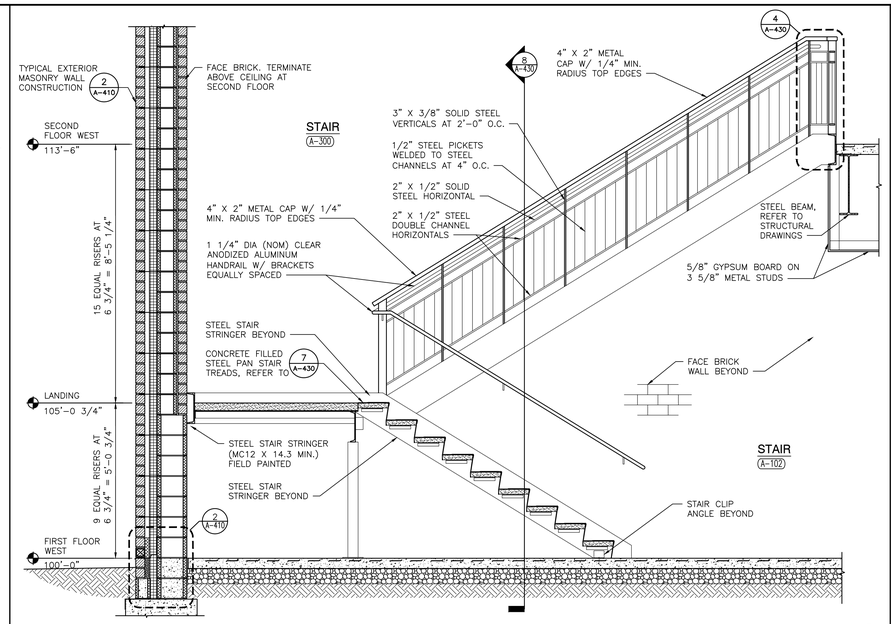
10 A-430



STAIR SECTION

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

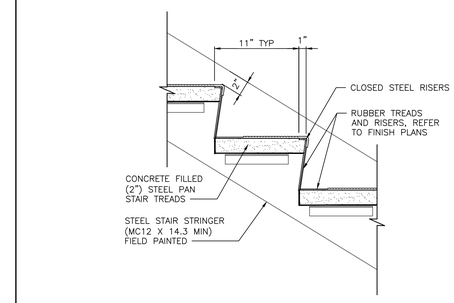
8 A-430



STAIR SECTION

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

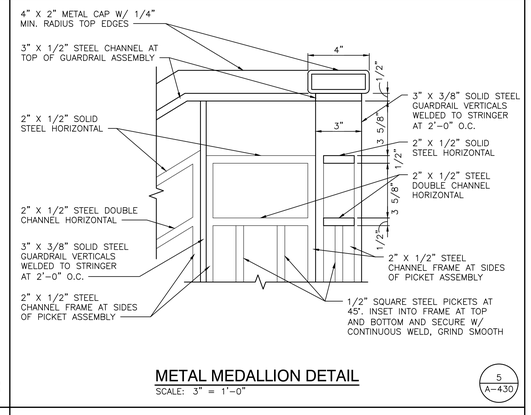
3 A-430



STAIR DETAIL

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

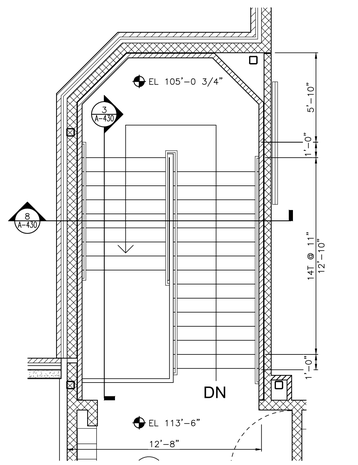
7 A-430



METAL MEDALLION DETAIL

SCALE: 3" = 1'-0"

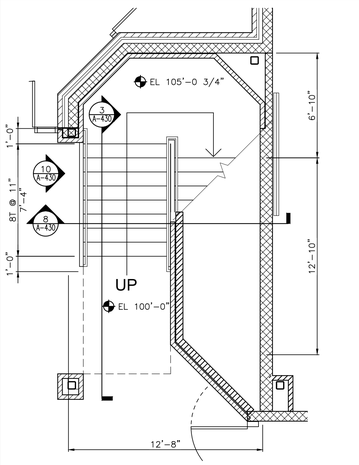
5 A-430



ENLARGED STAIR PLAN

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

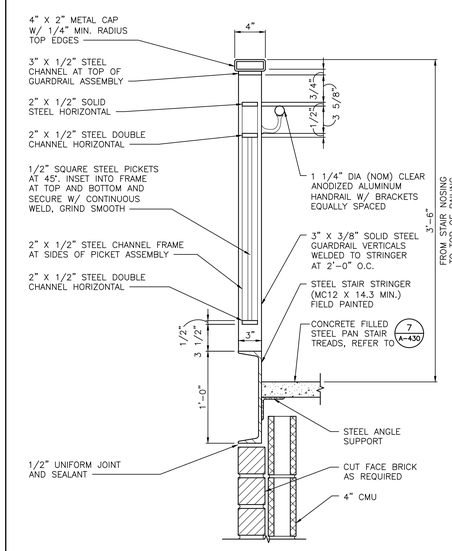
2 A-430



ENLARGED STAIR PLAN

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

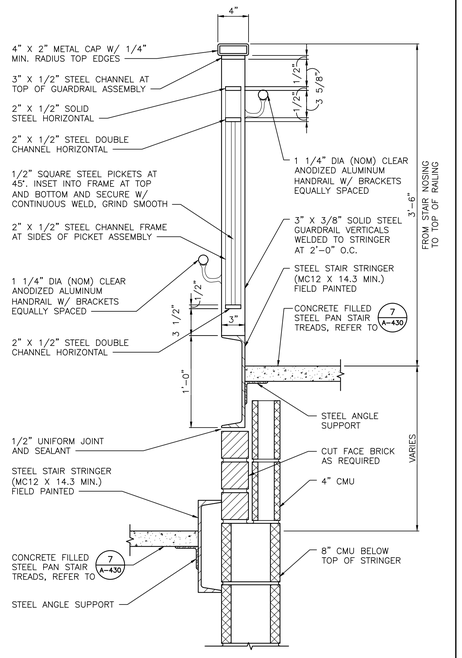
1 A-430



STAIR RAILING DETAIL

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

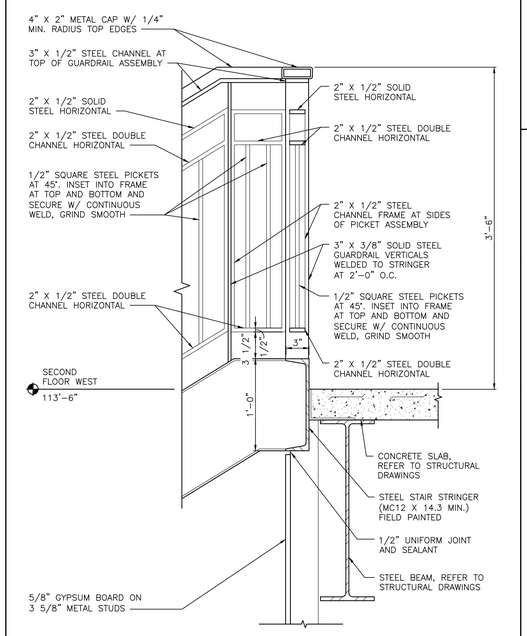
9 A-430



STAIR RAILING DETAIL

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

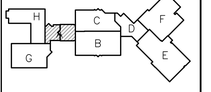
6 A-430



STAIR RAILING DETAIL

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

4 A-430



SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
ENLARGED STAIR PLANS AND SECTIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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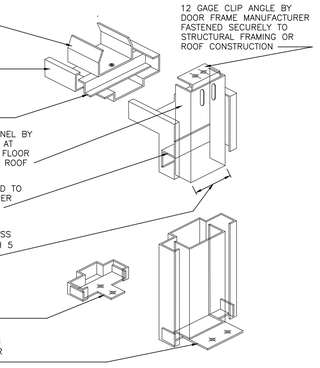
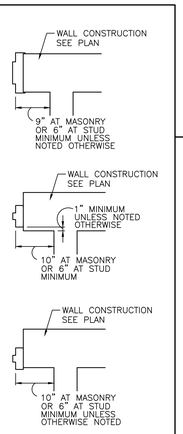
DOOR NOTES

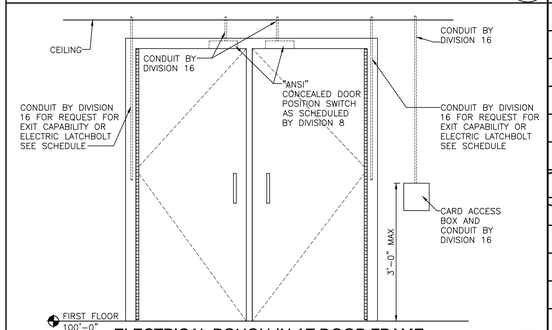
1. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
2. SEAL ALL JAMBS AND HEADS ONLY WHERE FRAMES MEET EXPOSED MASONRY.
3. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOORS AND WHERE OTHERWISE NOTED. SCRIBE MOLD TO BE 3/8" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
4. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
5. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
6. NOTE: 1/4" SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.
7. WHERE A 1 1/2" WIDE ALUMINUM STOREFRONT IS TO REPLACE 5 1/2" HOLLOW METAL FRAME, POSITION FRAME AND 3/4" X 3/4" X 1/8" ALUMINUM TRIM ANGLES TO COVER ORIGINAL LOCATION.



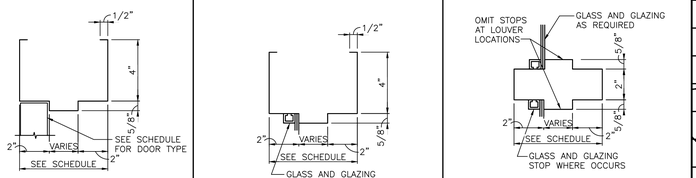
TYPICAL HEAD & JAMB ANCHORAGE
SCALE: NTS



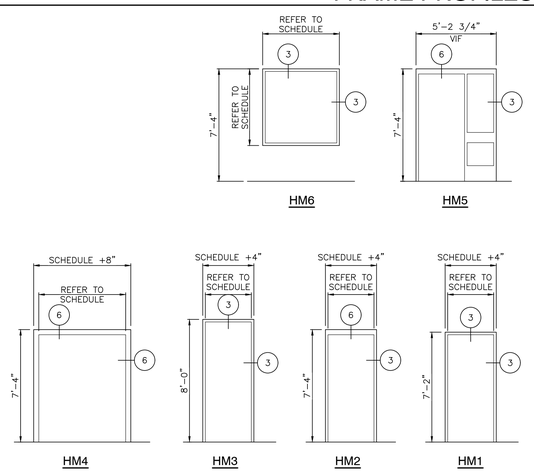
FRAME MOUNTING DETAILS
SCALE: NTS



ELECTRICAL ROUGH-IN AT DOOR FRAME
SCALE: 3/4" = 1'-0"



FRAME PROFILES

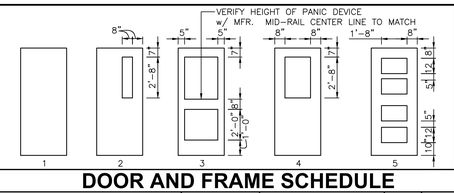


HOLLOW METAL ELEVATIONS (HM)
SCALE: 1/4" = 1'-0"

FIRST FLOOR

GLASS SCHEDULE

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



LOUVER SCHEDULE

MK	LOUVER SIZE

DOOR AND FRAME SCHEDULE

NO.	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A 103–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
A 103–B	AL SINGLE	3	36 x 86	AL		B	B		AL	4 1/2"	SF12				
A 107–A	AL SINGLE	3	36 x 86	AL		B	B		AL	4 1/2"	SF12				
A 109–A	DOUBLE	2	PR 44 x 84	WD		E			HM	8 3/4"	HM4				
A 109–B	SINGLE	2	44 x 84	WD		E			HM	8 3/4"	HM4				
A 110–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
A 111–A	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF2				
A 111–B	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF2				
A 111–C	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF2				
A 112–A	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF1				
A 112–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF1				
A 112–C	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF1				
A 113–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2				
A 113A–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2				AD–1
A 116–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2				
A 117–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2				
C 113–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 115–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 116–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 117–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 118–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
C 127–A	SINGLE	1	36 x 84	WD					HM2	8 3/4"	HM2				
C 127–B							A		HM	8 3/4"	HM6				
D 106–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
D 110–A	SINGLE	5	42 x 84	WD		A			HM	8 3/4"	HM2				AD–1
D 112–A							A		HM	6"	HM6				
D 118–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
G 101–A	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF7				
G 101–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF7				
G 101–C	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF8				
G 102–A	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF7				
G 102–B	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF7				
G 102–C	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF8				
G 103–A	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF4				
G 103–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF4				
G 103–C	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF4				
G 104–A	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF5				
G 104–B	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF5				
G 104–C	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF5				
G 106–A	SF DOUBLE	12	PR 48 x 94	AL		B			AL	4 1/2"	SF6				
G 106–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF3				
G 126–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 127–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 127–B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 128–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 129–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 130–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 131–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 132–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 133–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 133–B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 134–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 135–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 135–B	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 135–C	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				

DOOR AND FRAME SCHEDULE

NO.	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
G 136–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 138–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 139–A	DOUBLE	1	PR 48 x 94	WOOD					HM	8 3/4"	HM3				
G 139–B	DOUBLE	1	PR 48 x 94	WOOD					HM	8 3/4"	HM3				
G 139–C	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 140–A	SF DOUBLE	1	PR 36 x 86	AL					AL	4 1/2"	SF6				
G 141–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
H 104–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 105–A	DOUBLE	1	PR 36 x 84	WD					HM	6"	HM1				
H 105–B	DOUBLE	1	PR 36 x 84	WD					HM	6"	HM1				
H 105–C	SF11	2	42(18) x 86	AL		C			AL	4 1/2"	SF11				
H 106–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 107–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 108–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 109–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 109–B	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 110–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 110–B	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 111–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 111–B	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 112–A	OFFICE	1	36 x 84	WD					HM	5 3/4"	HM1				
H 113–A	OFFICE	1	36 x 84	WD					HM	5 3/4"	HM1				
H 119–A	DOUBLE	2	PR 46 x 84	WD	AD	E			HM	8 3/4"	HM4				
H 119–B	DOUBLE	2	PR 46 x 84	WD		E			HM	8 3/4"	HM4				
H 120–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 120–B	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 121–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 122–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 122–B							A		HM	6"	HM6				
H 125–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 134–A	SINGLE	1	36 x 84	AL		A	A		AL	5 3/4"	HM5				
H 135–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
H 135–B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
H 136–A	SINGLE	1	36 x 84	AL		A	A		AL	5 3/4"	HM5				

SECOND FLOOR

DOOR AND FRAME SCHEDULE

NO.	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A 208–A	DOUBLE	2	PR 48 x 84	WD		E			HM	8 3/4"	HM4		AD–1		
A 209–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	H2				
A 210–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	H2				
A 211–A	DOUBLE	1	PR 42 x 84	WD					HM	8 3/4"	H2				1HR
A 211–B	SF FRP2	1	PR 36 x 86	FRP					AL	4 1/2"	SF4				
C 205–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
C 205–B							F		HM	6"	HM6				
C 205–C							F		HM	6"	HM6				
C 206–A	SINGLE	1	48 x 84	WD					HM	10 1/4"	HM1				ACOUSTIC
C 206–B	SINGLE	1	36 x 84	WD					HM	10 1/4"	HM1				ACOUSTIC
C 206–C							H		HM	10 1/4"	HM6				DOUBLE ACOUSTIC
D 205–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
D 205–B							A		HM	8 3/4"	HM6				
D 207–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
D 207–B									HM	8 3/4"	HM6				
G 203–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
G 203–B	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
G 206–A	SINGLE	1	36 x 84	WD		A			HM	6"	HM1				

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21–106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD–1	3/28/22	ADDENDUM NO. 1

DRAWING
DOOR AND FRAME SCHEDULE, PROFILES, ELEVATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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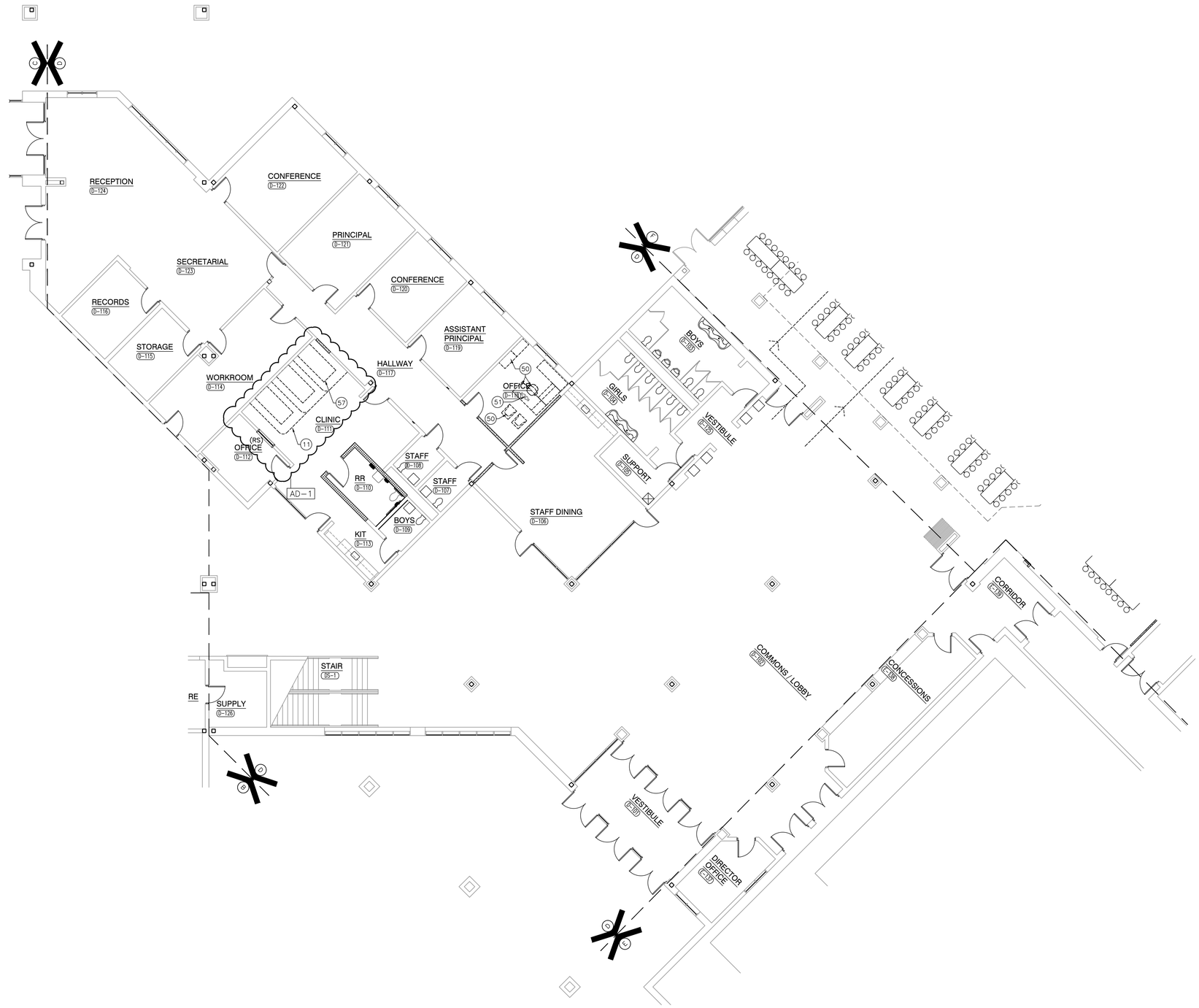
SHEET
A-601

Monday, 3/28/2022 – 4:48 PM – LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC – WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\A-601.DWG



UNIT "D" FIRST FLOOR EQUIPMENT PLAN

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

NORTH

GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO ARCHITECTURAL FLOOR PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ROOM ACCESSORIES.

EQUIPMENT PLAN LEGEND:

(---) INDICATES 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 CONTRACT).
---- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN ONSTRUCTION CONTRACTS).
(CG) INDICATES CORNER GUARD.
(TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. — 13 A-501, 14 A-501
(TS) INDICATES TACKSTRIP: FULL LENGTH OF LOCKER GROUP.
(MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. — 11 A-501, 12 A-501
(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
(RS) INDICATES ROLLER SHADE.

EQUIPMENT PLAN NOTES:

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

1. FOLDING PARTITION (MANUAL). — 8 A-501
2. LOCKER, REFER TO ARCHITECTURAL FLOOR PLANS.
3. OVERHEAD RETRACTABLE POWER CORD (TYPICAL), REFER TO ELECTRICAL DRAWINGS.
4. FIRE BLANKET CABINET, REFER TO SCIENCE CASEWORK DRAWINGS.
5. SAFETY GOGGLE CABINET, REFER TO SCIENCE CASEWORK DRAWINGS.
6. GAS COCK, REFER TO SCIENCE CASEWORK AND MECHANICAL DRAWINGS.
7. EMERGENCY SHOWER AND FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
8. EMERGENCY EYEWASH (RECESSED), REFER TO PLUMBING FOR CONNECTION.
9. KILN EXHAUST, REFER TO MECHANICAL DRAWINGS FOR HOOD EXHAUST.
10. PAPER TOWEL AND SOAP DISPENSER, OFCI
AD-1 — 11. PRIVACY CURTAIN AND TRACK. 12IN CORNER RADIUS
12. PEGBOARD WITH DRAIN, REFER TO SCIENCE CASEWORK.
13. ACID STORAGE CABINET, REFER TO SCIENCE EQUIPMENT .
14. FLAMMABLE CABINET, REFER TO SCIENCE EQUIPMENT.

OWNER FURNISHED EQUIPMENT PLAN NOTES:

50. LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
51. COMPUTER/MONITOR, BY OWNER
52. PRINTER/COPIER, BY OWNER
53. REFRIGERATOR WITH ICE MAKER, BY OWNER
54. CLOTHES WASHER, BY OWNER
55. CLOTHES DRYER, BY OWNER
56. CHARGING CART, BY OWNER
57. CLINIC COTS, BY OWNER
58. KILN, BY OWNER, REFER TO MECHANICAL DRAWINGS FOR HOOD.
59. ACID STORAGE AND FLAMMABLE STORAGE, BY OWNER
60. DISHWASHER BY OWNER (PROVIDE 24" WIDE OPENING).
61. 3D PRINTER, BY OWNER
62. COUNTERTOP SHOP POWER EQUIPMENT, BY OWNER
63. BAND SAW, FLOOR MODEL, BY OWNER
64. TABLE SAW, BY OWNER
65. CHAIR STORAGE CART, BY OWNER
66. MUSICAL INSTRUMENTS, BY OWNER
67. RANGE AND RANGE HOOD, BY OWNER

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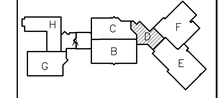
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY NAS PCD
CHECKED BY NAS

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "D" FIRST FLOOR EQUIPMENT PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\A-707.DWG

UNIT "D" SECOND FLOOR EQUIPMENT PLAN

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

NORTH

GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.
E. REFER TO ARCHITECTURAL FLOOR PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ROOM ACCESSORIES.

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(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
(RS) INDICATES ROLLER SHADE.

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

1. FOLDING PARTITION (MANUAL). (8 A-501)
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10. PAPER TOWEL AND SOAP DISPENSER, OFCI
11. PRIVACY CURTAIN AND TRACK. 12IN CORNER RADIUS (AD-1)
12. PEGBOARD WITH DRAIN, REFER TO SCIENCE CASEWORK.
13. ACID STORAGE CABINET, REFER TO SCIENCE EQUIPMENT .
14. FLAMMABLE CABINET, REFER TO SCIENCE EQUIPMENT.

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59. ACID STORAGE AND FLAMMABLE STORAGE, BY OWNER
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65. CHAIR STORAGE CART, BY OWNER
66. MUSICAL INSTRUMENTS, BY OWNER
67. RANGE AND RANGE HOOD, BY OWNER

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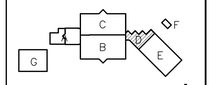
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY NAS PCD
CHECKED BY NAS

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "D" SECOND FLOOR EQUIPMENT PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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Tuesday, 3/29/2022 - 9:08 AM - LAST SAVED BY:EMCCAULEY
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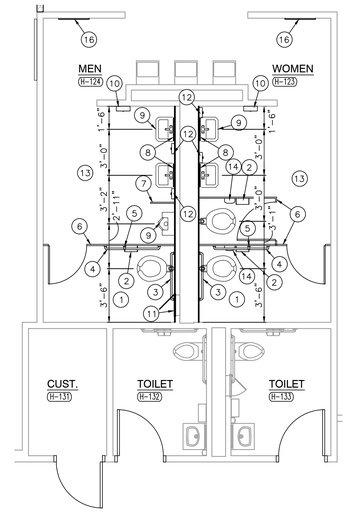
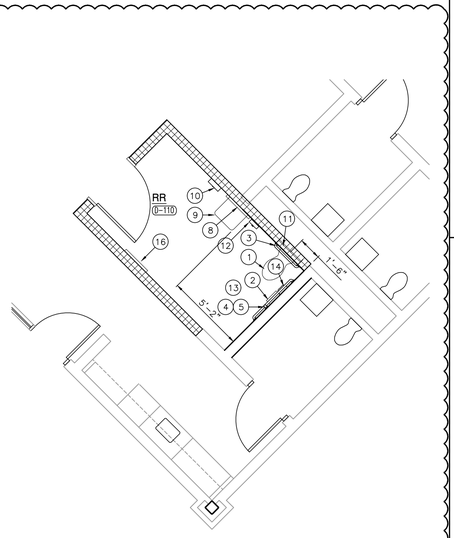


ENLARGED TOILET ROOM PLAN

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

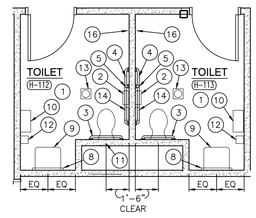
4 A-720



ENLARGED TOILET ROOM PLAN

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

5 A-720

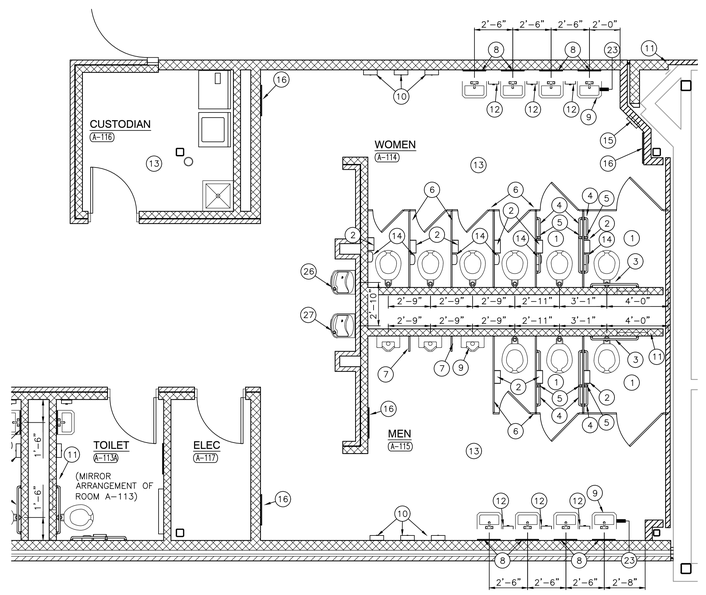


ENLARGED TOILET ROOM PLAN

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

3 A-720

AD-1



ENLARGED TOILET ROOM PLAN

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

2 A-720

GENERAL RESTROOM PLAN NOTES:

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

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

C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.

D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.

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

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

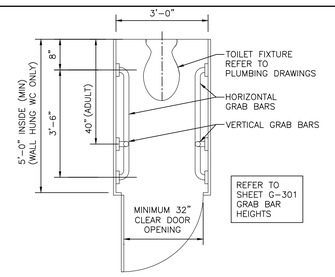
G. WHERE EXISTING PARTITIONS ARE REPLACED AND NEW PARTITION BRACKETS DO NOT COVER OLD MOUNTING HOLES, PATCH HOLE OR REPLACE TILE TO MATCH ADJACENT WALL FINISH.

H. WHERE EXISTING PARTITIONS ARE REPLACED AND NO DIMENTIONS ARE INDICATED, VERIFY LOCATION OF EXISTING PARTITIONS AND INSTALL NEW PARTITIONS IN SAME LOCATION.

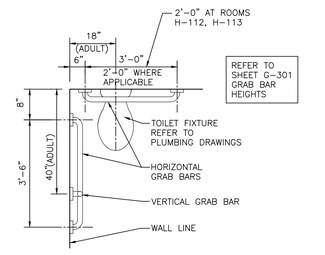
RESTROOM PLAN NOTES:

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

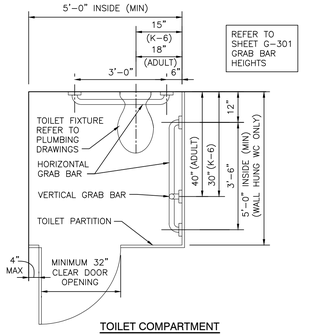
1. ACCESSIBLE FACILITIES. — 1/A-720
2. TOILET PAPER HOLDER. (OFCI)
3. 3'-0" HANDICAPPED GRAB BAR. — 2/G-301
4. 3'-6" HANDICAPPED GRAB BAR. — 2/G-301
5. 18" VERTICAL HANDICAPPED GRAB BAR. — 2/G-301
6. TOILET PARTITION. — 2/G-301
7. URINAL SCREEN WALL. — 2/G-301
8. 2'-0" W x 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40"A.F.F. — 2/G-301
9. ACCESSIBLE FIXTURE (LAVATORY/URINAL). — 2/G-301
10. PAPER TOWEL DISPENSER. (OFCI) — 2/G-301
11. 24"x24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F. COORDINATE LOCATION W/ SENSOR HEIGHT. — 2/G-301
12. SOAP DISPENSER. (OFCI)
13. FLOOR DRAIN. SEE PLUMBING DRAWINGS.
14. FEMININE NAPKIN DISPOSAL.
15. FEMININE NAPKIN DISPENSER.
16. 2'-0" x 5'-0" MIRROR BOTTOM @ 1'-4" A.F.F.
17. MOP SINK WITH 30" HIGH STAINLESS STEEL WALL PROTECTION ADHERED TO WALLS LENGTH TO MATCH SLOP SINK. REFER TO PLUMBING DRAWINGS.
18. SINK. SEE PLUMBING DRAWINGS. — 2/A-301
19. ELECTRIC HAIR DRYER, MOUNTED 48" A.F.F.
20. 15"Wx18"Dx60"H METAL LOCKERS. — 11/A-501
21. CERAMIC TILE LOCKER BENCH. — 14/A-501
22. BABY CHANGING TABLE (OFCI) — 3/A-301
23. SOLID SURFACE SHELF — 10/A-501
24. ACCESSIBLE SHOWER — 2/A-426
25. PROVIDE SHOWER ACCESSORIES PER SPEC.
26. ELECTRIC WATER COOLER. REFER TO PLUMBING DRAWINGS.
27. ELECTRIC WATER COOLER (BOTTLE FILLER ONLY). REFER TO PLUMBING DRAWINGS.



3'-0" WIDE STALL



SINGLE USER TOILET ROOM



TOILET COMPARTMENT

ACCESSIBLE FACILITIES

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

1 A-720

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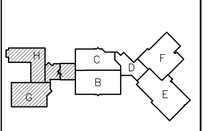
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR 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
21-106
DATE
3/14/22
COORDINATED BY
EJM
DRAWN BY
EJM PCD
CHECKED BY
EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
ENLARGED TOILET ROOM PLANS AND DETAILS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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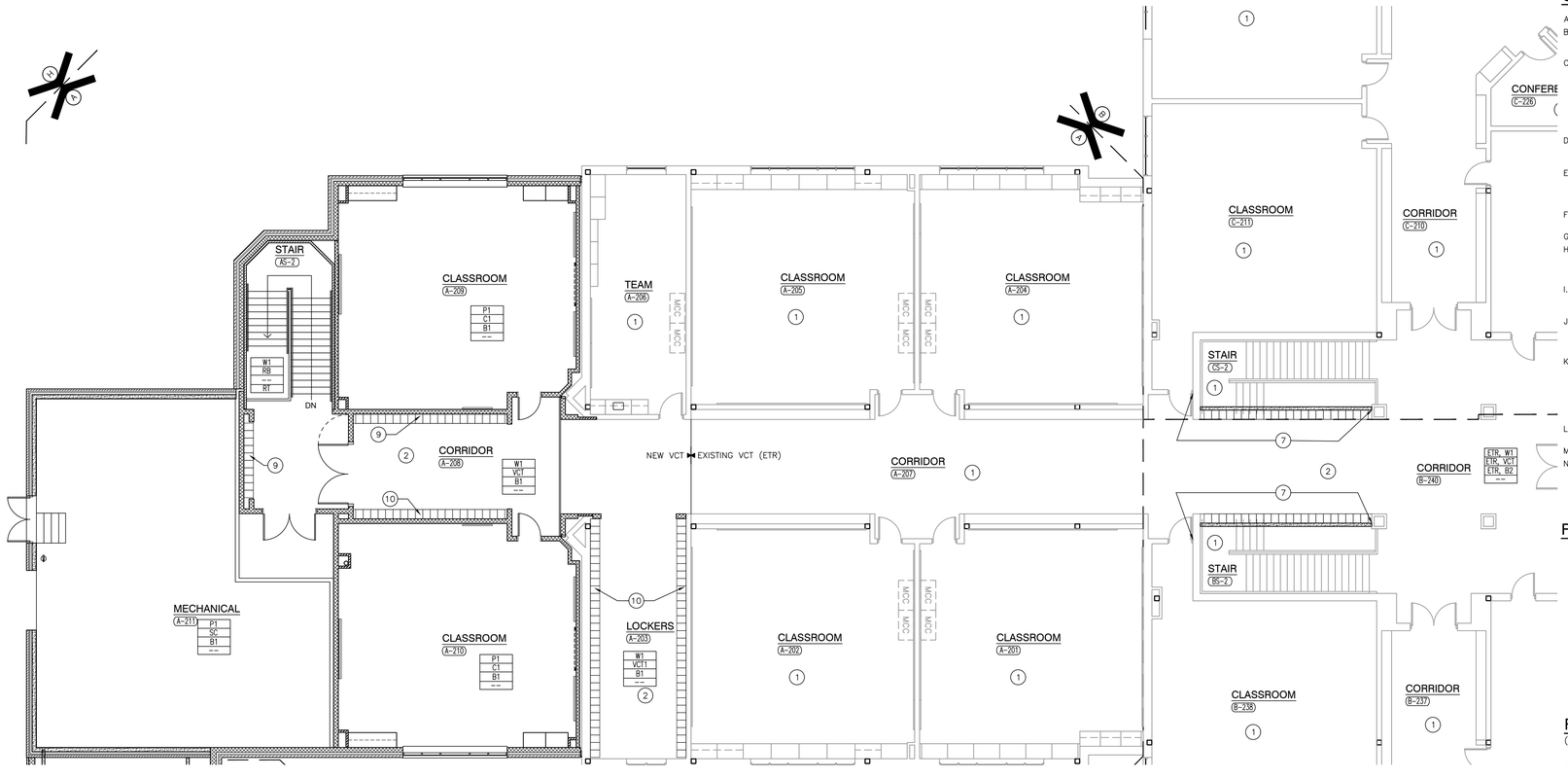
A-720

Monday, 3/28/2022 - 5:35 PM - LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\A-720.DWG



UNIT "A" SECOND FLOOR FINISH PLAN

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

UNIT "A" FIRST FLOOR FINISH PLAN

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

GENERAL FINISH PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING 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 ACCEPTED 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 MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
E. 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.
F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
H. 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.
I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
J. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.
K. PAINT NEW HOLLOW METAL DOOR FRAMES AND INTERIOR METAL WINDOW FRAMES IN UNIT B,C,D,E,F TO MATCH EXISTING ADJACENT FRAME. PAINT EXISTING AND NEW HOLLOW METAL DOOR FRAMES IN UNIT G, H PAINT P10. UNIT A CORRIDOR A-109 AND CORRIDOR A-208: NEW HOLLOW METAL DOOR FRAMES PAINT TO MATCH EXISTING ADJACENT FRAME. UNIT A EXCLUDING CORRIDOR A-109 AND CORRIDOR A-208: HOLLOW METAL DOOR FRAMES PAINT P-10.
L. EXISTING AND NEW BRICK SHALL NOT BE PAINTED, NOR RECEIVE NEW FINISH MATERIAL.
M. AT EXISTING AND NEW BRICK WALLS, WALL BASE SHALL NOT BE APPLIED.
N. AT EXISTING CMU WALLS AND GROUND FACE BLOCK WALLS, WALL BASE SHALL BE APPLIED.

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. SEE FLOOR PATTERN PLANS ON A-830, A-831, A-832
3. FLOOR TILE: RANDOM – 50% FT1 AND 50% FT2
4. WALL TILE , WT1. INSTALL VERTICAL FROM FLOOR TO CEILING WITH MINIMUM SEAMS USING MINIMUM TILE WIDTH 20". CENTER PANELS ON WALL WIDTH. WALL BASE APPLIED ON TILE. SCHLUTER TRIM AT ALL OUTSIDE CORNERS. SEE 4/A-863 FOR TYPICAL ELEVATION.
5. SEE ELEVATIONS 2/A-861 AND 3/A-861 FOR WALL TILE PATTERN.
6. WALL TILE 10, WT10. INSTALLED IN BRICK PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS AND END OF RUN.
7. NEW PAINT FINISH
8. PAINT P3 ABOVE LOCKERS MATCHING EXISTING.
9. PAINT P4 ABOVE LOCKERS MATCHING EXISTING.
10. PAINT P5 ABOVE LOCKERS MATCHING EXISTING.
11. SEE ELEVATIONS 5-8/A-863 FOR WALL TILE PATTERN.
12. SEE ELEVATION 4/A-861 FOR WALL TILE PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS.
13. WALL COVERING 4, WC4

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY CLN, KRT
CHECKED BY NAS

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO.1

DRAWING
UNIT "A" FIRST AND SECOND FLOOR FINISH PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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GENERAL FINISH PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING 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 ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

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F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.

G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

H. 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.

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K. PAINT NEW HOLLOW METAL DOOR FRAMES AND INTERIOR METAL WINDOW FRAMES IN UNIT B,C,D,E,F TO MATCH EXISTING ADJACENT FRAME. PAINT EXISTING AND NEW HOLLOW METAL DOOR FRAMES IN UNIT G, H PAINT P10. UNIT A CORRIDOR A-109 AND CORRIDOR A-208: NEW HOLLOW METAL DOOR FRAMES PAINT TO MATCH EXISTING ADJACENT FRAME. UNIT A EXCLUDING CORRIDOR A-109 AND CORRIDOR A-208: HOLLOW METAL DOOR FRAMES PAINT P-10.

L. EXISTING AND NEW BRICK SHALL NOT BE PAINTED, NOR RECEIVE NEW FINISH MATERIAL.

M. AT EXISTING AND NEW BRICK WALLS, WALL BASE SHALL NOT BE APPLIED.

N. AT EXISTING CMU WALLS AND GROUND FACE BLOCK WALLS, WALL BASE SHALL BE APPLIED.

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

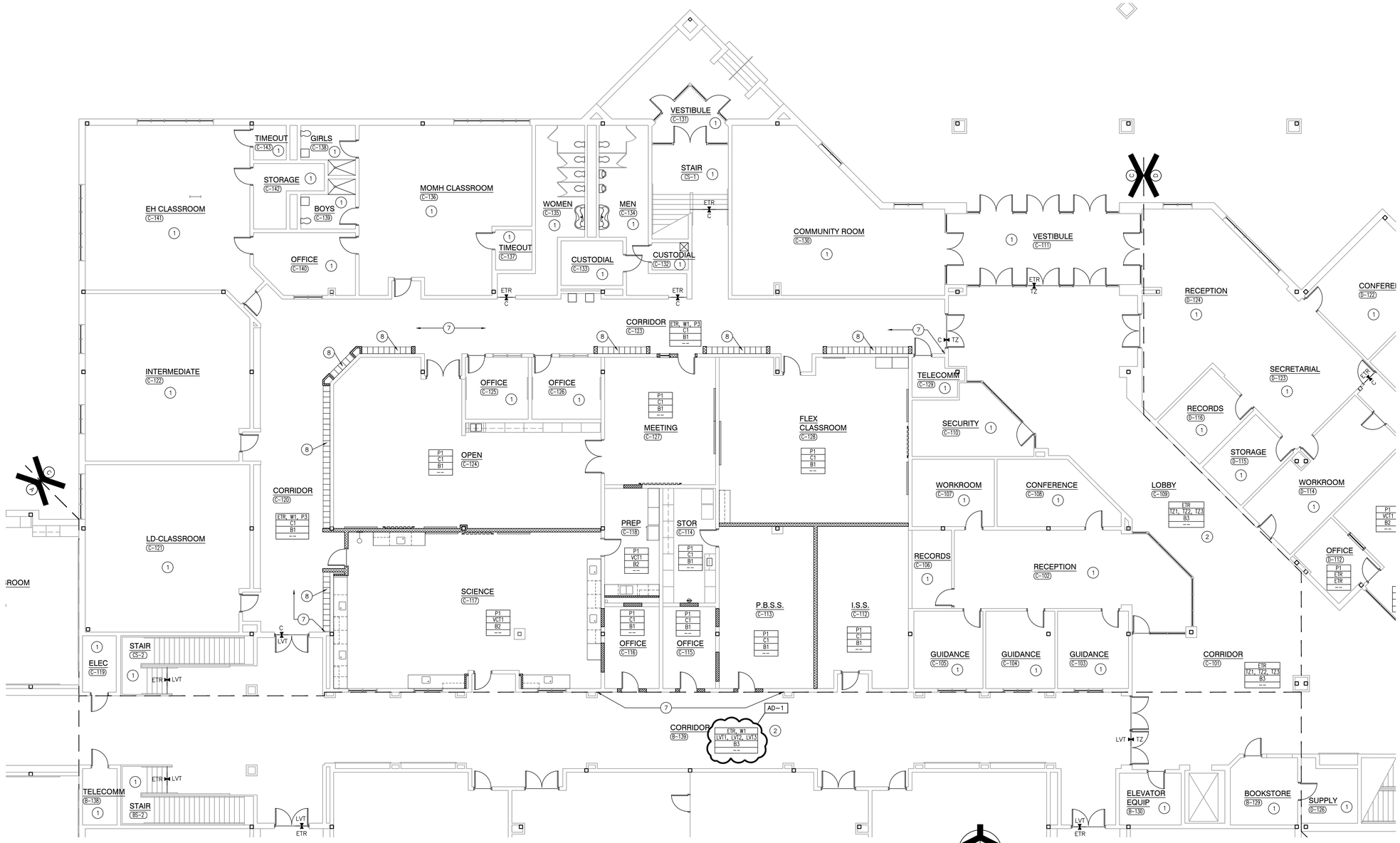
FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. SEE FLOOR PATTERN PLANS ON A-830, A-831, A-832
3. FLOOR TILE: RANDOM – 50% FT1 AND 50% FT2
4. WALL TILE , WT1. INSTALL VERTICAL FROM FLOOR TO CEILING WITH MINIMUM SEAMS USING MINIMUM TILE WIDTH 20". CENTER PANELS ON WALL WIDTH. WALL BASE APPLIED ON TILE. SCHLUTER TRIM AT ALL OUTSIDE CORNERS. SEE 4/A-863 FOR TYPICAL ELEVATION.
5. SEE ELEVATIONS 2/A-861 AND 3/A-861 FOR WALL TILE PATTERN.
6. WALL TILE 10, WT10. INSTALLED IN BRICK PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS AND END OF RUN.
7. NEW PAINT FINISH
8. PAINT P3 ABOVE LOCKERS MATCHING EXISTING.
9. PAINT P4 ABOVE LOCKERS MATCHING EXISTING.
10. PAINT P5 ABOVE LOCKERS MATCHING EXISTING.
11. SEE ELEVATIONS 5-8/A-863 FOR WALL TILE PATTERN.
12. SEE ELEVATION 4/A-861 FOR WALL TILE PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS.
13. WALL COVERING 4, WC4

AD-1

AD-1



UNIT "C" FIRST FLOOR FINISH PLAN

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

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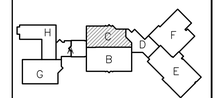
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY CLN, KRT
CHECKED BY NAS

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

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DRAWING
UNIT "C" FIRST FLOOR FINISH PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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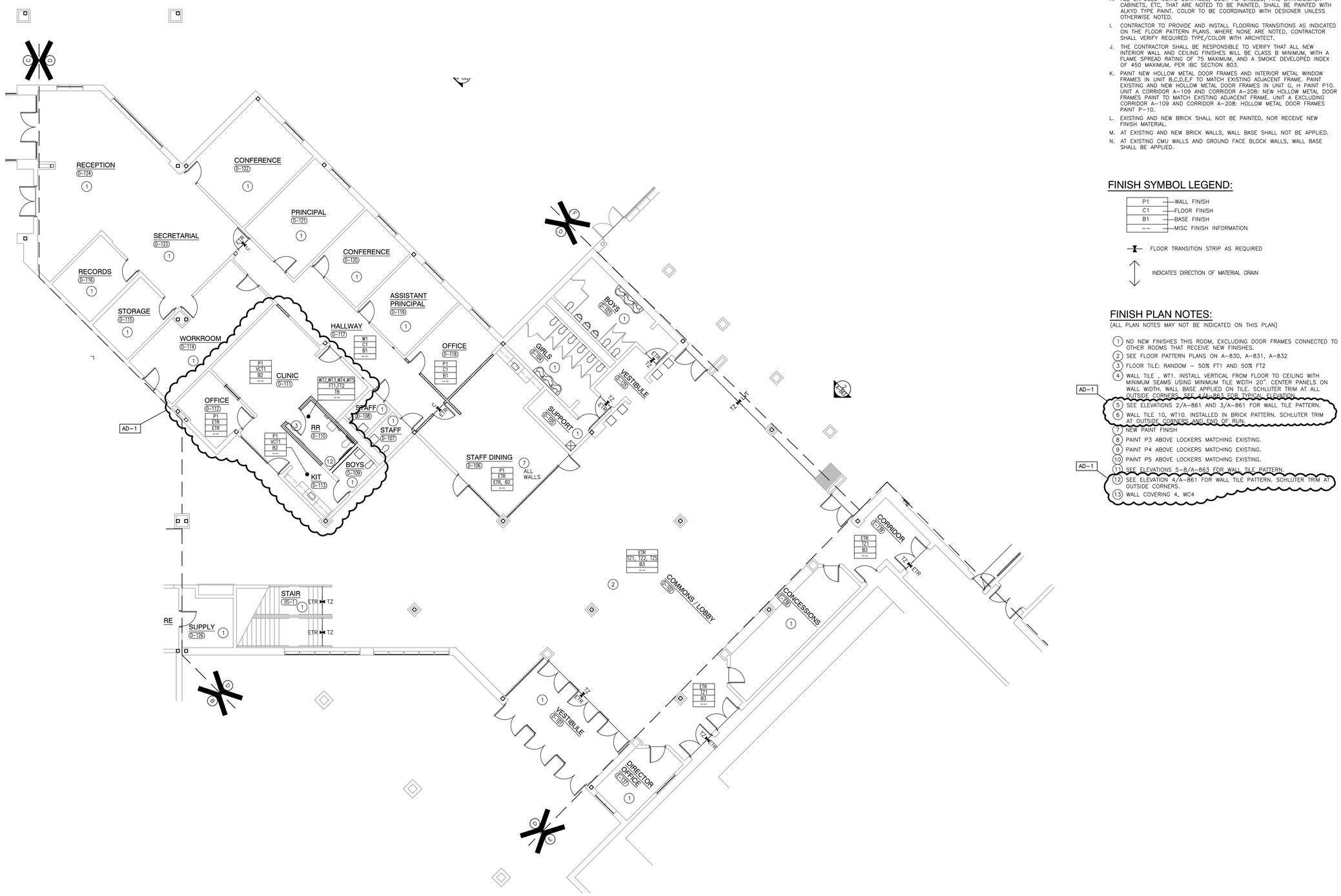

UNIT "D" FIRST FLOOR FINISH PLAN

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

GENERAL FINISH PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING 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 ACCEPTED 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 MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.

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F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.

G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

H. 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.

I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.

J. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.

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L. EXISTING AND NEW BRICK SHALL NOT BE PAINTED, NOR RECEIVE NEW FINISH MATERIAL.

M. AT EXISTING AND NEW BRICK WALLS, WALL BASE SHALL NOT BE APPLIED.

N. AT EXISTING CMU WALLS AND GROUND FACE BLOCK WALLS, WALL BASE SHALL BE APPLIED.

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. SEE FLOOR PATTERN PLANS ON A-830, A-831, A-832
3. FLOOR TILE: RANDOM - 50% FT1 AND 50% FT2
4. WALL TILE , WT1. INSTALL VERTICAL FROM FLOOR TO CEILING WITH MINIMUM SEAMS USING MINIMUM TILE WIDTH 20". CENTER PANELS ON WALL WIDTH. WALL BASE APPLIED ON TILE. SCHLUTER TRIM AT ALL OUTSIDE CORNERS. SEE 4/A-863 FOR TYPICAL ELEVATION.
5. SEE ELEVATIONS 2/A-861 AND 3/A-861 FOR WALL TILE PATTERN.
6. WALL TILE 10, WT10. INSTALLED IN BRICK PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS AND END OF RUN.
7. NEW PAINT FINISH
8. PAINT P3 ABOVE LOCKERS MATCHING EXISTING.
9. PAINT P4 ABOVE LOCKERS MATCHING EXISTING.
10. PAINT P5 ABOVE LOCKERS MATCHING EXISTING.
11. SEE ELEVATIONS 5-8/A-863 FOR WALL TILE PATTERN.
12. SEE ELEVATION 4/A-861 FOR WALL TILE PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS.
13. WALL COVERING 4, WC4

AD-1

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY CLN, KRT
CHECKED BY NAS

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO.1

DRAWING

UNIT "D" FIRST FLOOR FINISH PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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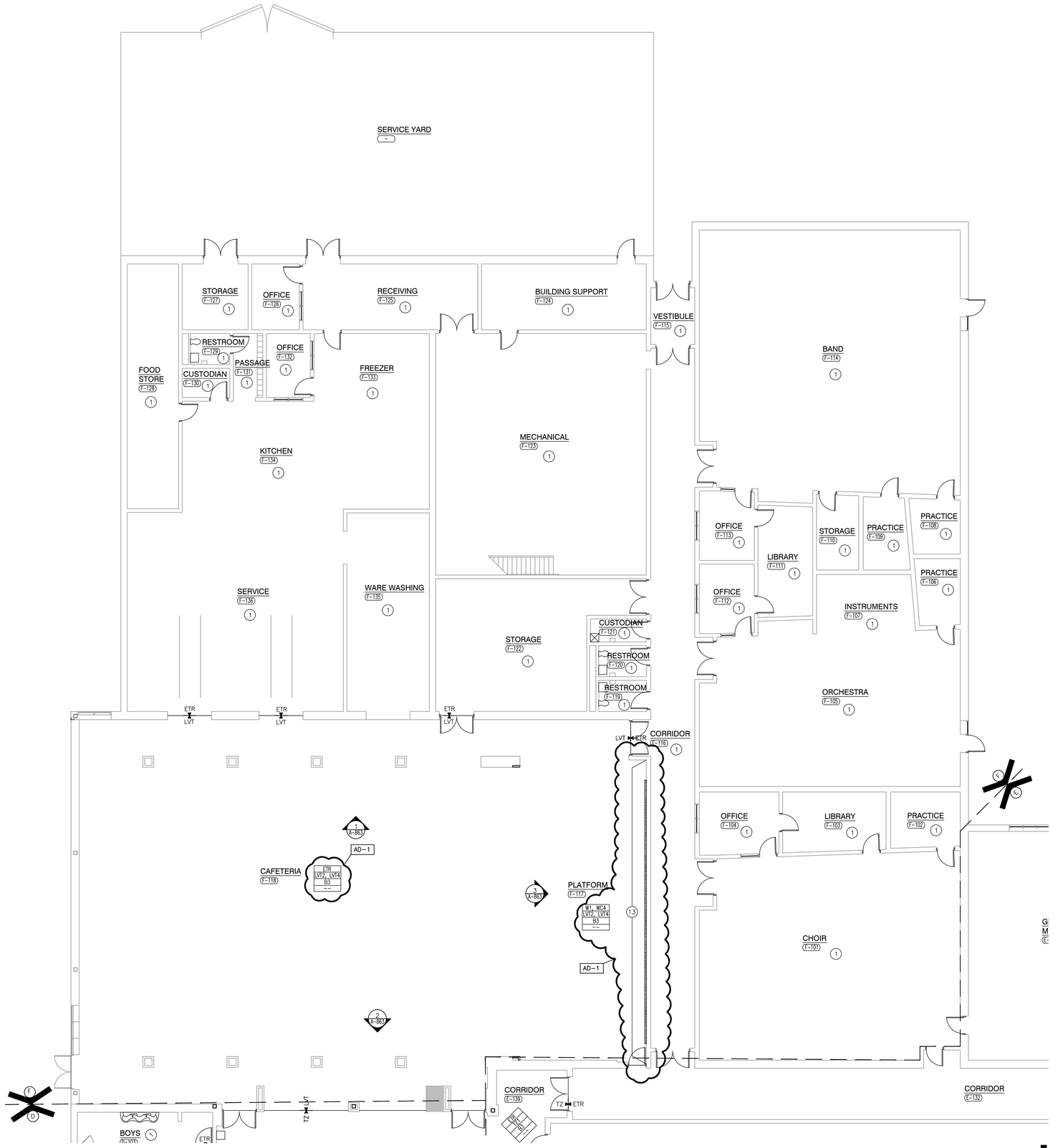

UNIT "F" FIRST FLOOR FINISH PLAN

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

GENERAL FINISH PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING 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 ACCEPTED 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 MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.

E. 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.

F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.

G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

H. 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.

I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.

J. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.

K. PAINT NEW HOLLOW METAL DOOR FRAMES AND INTERIOR METAL WINDOW FRAMES IN UNIT B,C,D,E,F TO MATCH EXISTING ADJACENT FRAME. PAINT EXISTING AND NEW HOLLOW METAL DOOR FRAMES IN UNIT G, H PAINT P10. UNIT A CORRIDOR A-109 AND CORRIDOR A-208: NEW HOLLOW METAL DOOR FRAMES PAINT TO MATCH EXISTING ADJACENT FRAME. UNIT A EXCLUDING CORRIDOR A-109 AND CORRIDOR A-208: HOLLOW METAL DOOR FRAMES PAINT P-10.

L. EXISTING AND NEW BRICK SHALL NOT BE PAINTED, NOR RECEIVE NEW FINISH MATERIAL.

M. AT EXISTING AND NEW BRICK WALLS, WALL BASE SHALL NOT BE APPLIED.

N. AT EXISTING CMU WALLS AND GROUND FACE BLOCK WALLS, WALL BASE SHALL BE APPLIED.

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
--	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. SEE FLOOR PATTERN PLANS ON A-830, A-831, A-832
3. FLOOR TILE: RANDOM – 50% FT1 AND 50% FT2
4. WALL TILE , WT1. INSTALL VERTICAL FROM FLOOR TO CEILING WITH MINIMUM SEAMS USING MINIMUM TILE WIDTH 20". CENTER PANELS ON WALL WIDTH. WALL BASE APPLIED ON TILE. SCHLUTER TRIM AT ALL OUTSIDE CORNERS. SEE 4/A-863 FOR TYPICAL ELEVATION. (AD-1)
5. SEE ELEVATIONS 2/A-861 AND 3/A-861 FOR WALL TILE PATTERN.
6. WALL TILE 10, WT10. INSTALLED IN BRICK PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS AND END OF RUN.
7. NEW PAINT FINISH
8. PAINT P3 ABOVE LOCKERS MATCHING EXISTING.
9. PAINT P4 ABOVE LOCKERS MATCHING EXISTING.
10. PAINT P5 ABOVE LOCKERS MATCHING EXISTING.
11. SEE ELEVATIONS 5-8/A-863 FOR WALL TILE PATTERN. (AD-1)
12. SEE ELEVATION 4/A-861 FOR WALL TILE PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS.
13. WALL COVERING 4, WC4

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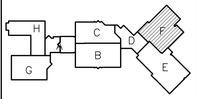
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY CLN, KRT
CHECKED BY NAS

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

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DRAWING
UNIT "F" FIRST FLOOR FINISH PLAN

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COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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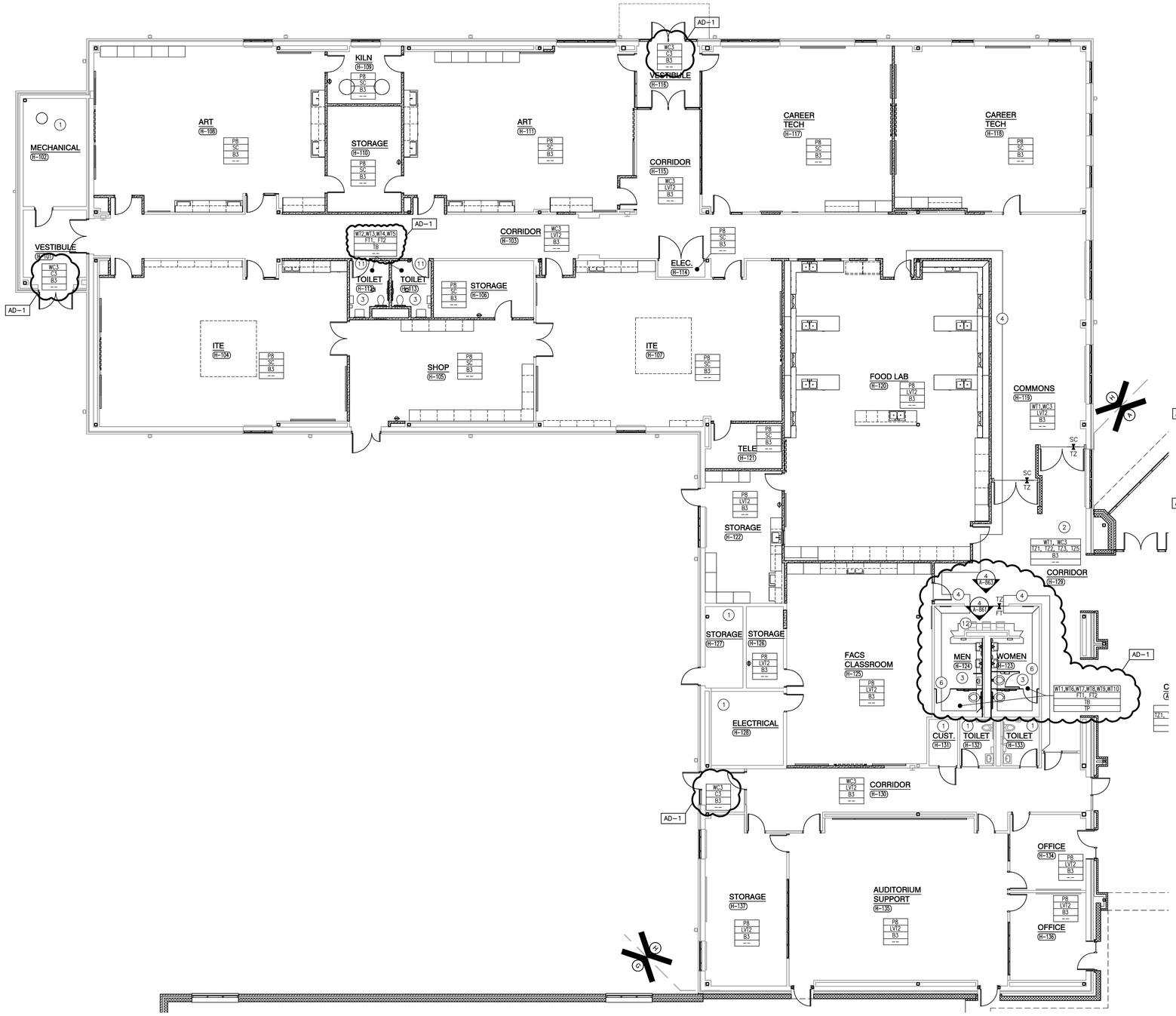

UNIT "H" FIRST FLOOR FINISH PLAN

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

GENERAL FINISH PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.

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--	MISC FINISH INFORMATION

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

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10. PAINT P5 ABOVE LOCKERS MATCHING EXISTING.
11. SEE ELEVATIONS 5-8/A-863 FOR WALL TILE PATTERN.
12. SEE ELEVATION 4/A-861 FOR WALL TILE PATTERN. SCHLUTER TRIM AT OUTSIDE CORNERS.
13. WALL COVERING 4, WC4

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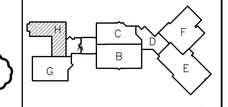
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY CLN, KRT
CHECKED BY NAS

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

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AD-1	3/28/22	ADDENDUM NO.1

DRAWING
UNIT "H" FIRST FLOOR FINISH PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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FINISH LEGEND

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
CEILING MATERIALS							
	ACT1	ACOUSTICAL CEILING	ARMSTRONG	FINE FISSURED	1728 WHITE	24" X 24"	WITH HUMIGUARD PLUS
	ACT2	ACOUSTICAL CEILING	ARMSTRONG	CLEAN ROOM	868 WHITE	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS
WALL BASE							
	B1	RESILIENT BASE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	4"	NAVY BLUE
	B2	RESILIENT BASE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	4"	TAN
	B3	RESILIENT BASE	TARKETT	COVE	20 CHARCOAL	4"	--
	TB	TILE BASE	DALTILE	KEYSTONES	SUEDE GRAY SPECKLE D208	2" X 2" BUILD-UP BASE	--
	WB1	WOOD	--	--	MATCH WOOD DOOR STAIN	--	--
FLOOR MATERIALS							
	C1	CARPET TILE	INTERFACE	ENTROPHY	7214 COINCIDENCE	50cm X 50cm	INSTALL: NON-DIRECTIONAL
	C2	CARPET TILE	TARKETT	EDIFICE	TOWER 52501	18" X 36"	INSTALL: VERTICAL ASHLAR
	C3	CARPET TILE	TARKETT	ABRASIVE ACTION II 02578	WINTER GRAY 19103	24" x 24"	INSTALL: UNIDIRECTIONAL
	FT1	FLOOR TILE 1	DALTILE	KEYSTONES	BUFFSTONE RANGE D147	2" X 2"	--
	FT2	FLOOR TILE 2	DALTILE	KEYSTONES	SUEDE GRAY SPECKLE D208	2" X 2"	--
	LVT1	LUXURY VINYL TILE 1	TARKETT	COLOR POP	MACAROON C140	18" X 18"	--
	LVT2	LUXURY VINYL TILE 2	TARKETT	COLOR POP	SAND DOLLAR C147	18" X 18"	--
	LVT3	LUXURY VINYL TILE 3	TARKETT	COLOR POP	SEA SALT C145	18" X 18"	--
	LVT4	LUXURY VINYL TILE 4	TARKETT	COLOR POP	CARDINAL C134	18" X 18"	--
	VCT1	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51809 DESERT BEIGE	12" X 12"	FIELD
	VCT2	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51805 CAMEL BEIGE	12" X 12"	YELLOW
	VCT3	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51882 SERENE BLUE	12" X 12"	BLUE
	VCT4	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51946 GENETIAN BLUE	12" X 12"	DARK BLUE
	VCT5	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	57547 EUCALYPTUS	12" X 12"	GREEN
	VCT6	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51947 BASIL GREEN	12" X 12"	DARK GREEN
	RB	RUBBER FLOOR	--	--	MATCH EXISTING	--	STAIR LANDING, BLUE, RAISED ROUND
	SC	SEALED CONCRETE	--	--	--	--	--
	TZ1	TERRAZZO	--	--	TM 15-2527	--	TERRAZZO FORMULAS AND TM NUMBERS ARE PROVIDED FOR PRICING PURPOSES. CONTRACTOR TO WORK WITH ARCHITECT FOR FINAL FORMULAS; SAMPLES AND REVISIONS WILL BE REQUIRED
	TZ2	TERRAZZO	--	--	TM 117	--	
	TZ3	TERRAZZO	--	--	TM 22-310 (WITHOUT GLASS)	--	
	TZ4	TERRAZZO	--	--	25% GEORGIA WHITE #1, 35% GEORGIA WHITE #2, 10% BLACK STALLION #1, 15% GLACEIR GRAY #2, 5% BEIGE BLEND #2, 10% T&M CRIMSON #1	--	
	TZ5	TERRAZZO	--	--	30% REBEL GRAY #1, 30% REBEL GRAY #2, 20% ASH GRAY #1, 20% ASH GRAY #2	--	
	WF1	WOOD FLOOR	--	--	DARK STAIN	--	TO MATCH CPHS, VERIFY WITH OWNER
	EFC	EPOXY FLOOR	--	--	--	--	--
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS	--	SW 7517 RIVERS EDGE	--	MATCH EXISTING
	P2	PAINT	SHERWIN WILLIAMS	--	SW 6107 NOMADIC DESERT	--	MATCH EXISTING
	P3	PAINT	--	--	MATCH EXISTING	--	BURGUNDY
	P4	PAINT	--	--	MATCH EXISTING	--	BLUE
	P5	PAINT	--	--	MATCH EXISTING	--	GREEN
	P6	PAINT	SHERWIN WILLIAMS	--	SW 7014 EIDER WHITE	--	--
	P7	PAINT	SHERWIN WILLIAMS	--	SW 9167 POLISHED CONCRETE	--	--
	P8	PAINT	SHERWIN WILLIAMS	--	SW 7015 REPOSE GRAY	--	--
	P9	PAINT	SHERWIN WILLIAMS	--	SW 6993 BLACK OF NIGHT	--	--
	P10	PAINT	--	--	--	--	--
	W1	WALL COATING	SHERWIN WILLIAMS	--	SW 7517 RIVERS EDGE	--	MATCH EXISTING
	W2	WALL COATING	SHERWIN WILLIAMS	--	SW 6107 NOMADIC DESERT	--	MATCH EXISTING
	W3	WALL COATING	SHERWIN WILLIAMS	--	SW 7015 REPOSE GRAY	--	--
	WC1	WALL COVERING 1	D.L. COUCH SYMPHONY	TIMBRE	METEORITE AZ53002TM	--	--
	WC2	WALL COVERING 2	D.L. COUCH SYMPHONY	TIMBRE	SANDSTONE AZ53008TM	--	--
	WC3	WALL COVERING 3	MDC	NEILSON	--	--	--
	WC4	WALL COVERING 4	MDC	CUSTOM, VINYL SUEDE FINISH	CUSTOM	CONTRACTOR TO PROVIDE FIELD MEASUREMENTS	GRAPHIC FROM ARCHITECT, 2 CUSTOM COLOR MATCHES, 1 ELECTRONIC PROOF AND STRIKE-OFF SAMPLE REQUIRED FOR ARCHITECT'S APPROVAL
	WT1	WALL TILE 1	CROSSVILLE	LAMINAM, I NATURAL	OSSIDIANA V GRIGIA	1m X 3m	--
	WT2	WALL TILE 2	DALTILE	CLASSIC, COLOR WHEEL	CURRANT SH17	6" X 6"	--
	WT3	WALL TILE 3	DAL-TILE	CLASSIC, COLOR WHEEL	ALMOND 0135	6" X 6"	--
	WT4	WALL TILE 4	DAL-TILE	CLASSIC, COLOR WHEEL	CHALKBOARD 0180	6" X 6"	--
	WT5	WALL TILE 5	DAL-TILE	CLASSIC, COLOR WHEEL	SUEDE GRAY 0182	6" X 6"	--
	WT6	WALL TILE 6	DAL-TILE	CLASSIC, COLOR WHEEL	DESERT GRAY X114	3" X 6"	--
	WT7	WALL TILE 7	DAL-TILE	CLASSIC, COLOR WHEEL	ALMOND 0135	3" X 6"	--
	WT8	WALL TILE 8	DAL-TILE	CLASSIC, COLOR WHEEL	ELEMENTAL TAN 0166	3" X 6"	--
	WT9	WALL TILE 9	DAL-TILE	CLASSIC, COLOR WHEEL	SUEDE GRAY 0182	3" X 6"	--
	WT10	WALL TILE 10	DAL-TILE	CLASSIC, COLOR WHEEL	URBAN PUTTY 0161	3" X 6"	--
	FW-AWP1	ACOUSTICAL PANEL1	MAHARAM	MANNER 466177	004 FLINT	--	--
	FW-AWP2	ACOUSTICAL PANEL 2	MAHARAM	MUSE 466487	008 FANTASY	--	--
CASEWORK AND MILLWORK							
	PL1	PLASTIC LAMINATE	WILSONART	MATTE	BEIGE PAMPAS 4170-60	--	--
	PL2	PLASTIC LAMINATE	WILSONART	MATTE	CANYON ZEPHYR 4842-60	--	RED
	PL3	PLASTIC LAMINATE	WILSONART	MATTE	MISTED ZEPHYR 4843-60	--	BLUE
	PL4	PLASTIC LAMINATE	WILSONART	MATTE	LODEN ZEPHYR 4844-60	--	GREEN
	PL5	PLASTIC LAMINATE	FORMICA	MATTE	FLOKSTONE CELESTA 692-58	--	--
	PL6	PLASTIC LAMINATE	FORMICA	MATTE	GRAPHITE TWILL 8829-58	--	--
	SS1	SOLID SURFACE	CORIAN	--	CAMEO WHITE	--	--
	SS2	SOLID SURFACE	CORIAN	--	DEEP SPACE	--	--
	SS3	SOLID SURFACE	CORIAN	--	LAVA ROCK	--	--
MISCELLANEOUS							
	RS	WINDOW ROLLER SHADES	MECHO	--	--	--	--
	CG	CORNER GUARD	--	--	--	--	--
	TP	TOILET PARTITION	HINDY HIDERS	ORANGE PEEL	BURGUNDY	--	--
	L1	LOCKERS	LYON	MATCH EXISTING	--	--	RED: SIMILAR RED VELVET
	L2	LOCKERS	LYON	MATCH EXISTING	--	--	BLUE: SIMILAR GREEN BLUE
	L3	LOCKERS	LYON	MATCH EXISTING	--	--	GREEN: SIMILAR MINUTE MAN BLUE
	PC	PRIVACY CURTAINS	ARCHITEX	RX 2015		--	--
	RT	RUBBER TREADS AND RISERS	--	--	MATCH EXISTING	--	BLUE, RAISED ROUND
	WDT1	WOOD TRIM	--	--	MATCH WOOD DOOR STAIN	--	--
	TRIM1	TILE TRIM	SCHLUTER	--	--	--	--
	--	WOOD DOOR	--	MATCH EXISTING	--	--	--
	--	ALL TRAVELERS, BOARDERS, KM FABRICS LEGS & CYCLORAMA CURTAINS	KM FABRICS	--	--	--	--
	--	MAIN VALENCE	KM FABRICS	--	--	--	--
	--	STAGE CURTAIN (MAIN)	KM FABRICS	--	--	--	--
	UPH1	SEATING UPHOLSTERY	TRI-KES SOURCE ONE	ANTWERP	SCARLET UHA-AN-10	54" WIDE	--

ETR = EXISTING TO REMAIN

AD-1

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT
21-106
DATE
3/14/22
COORDINATED BY
EJM
DRAWN BY
KRT, NAS
CHECKED BY
NAS

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

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DRAWING
FINISH LEGEND

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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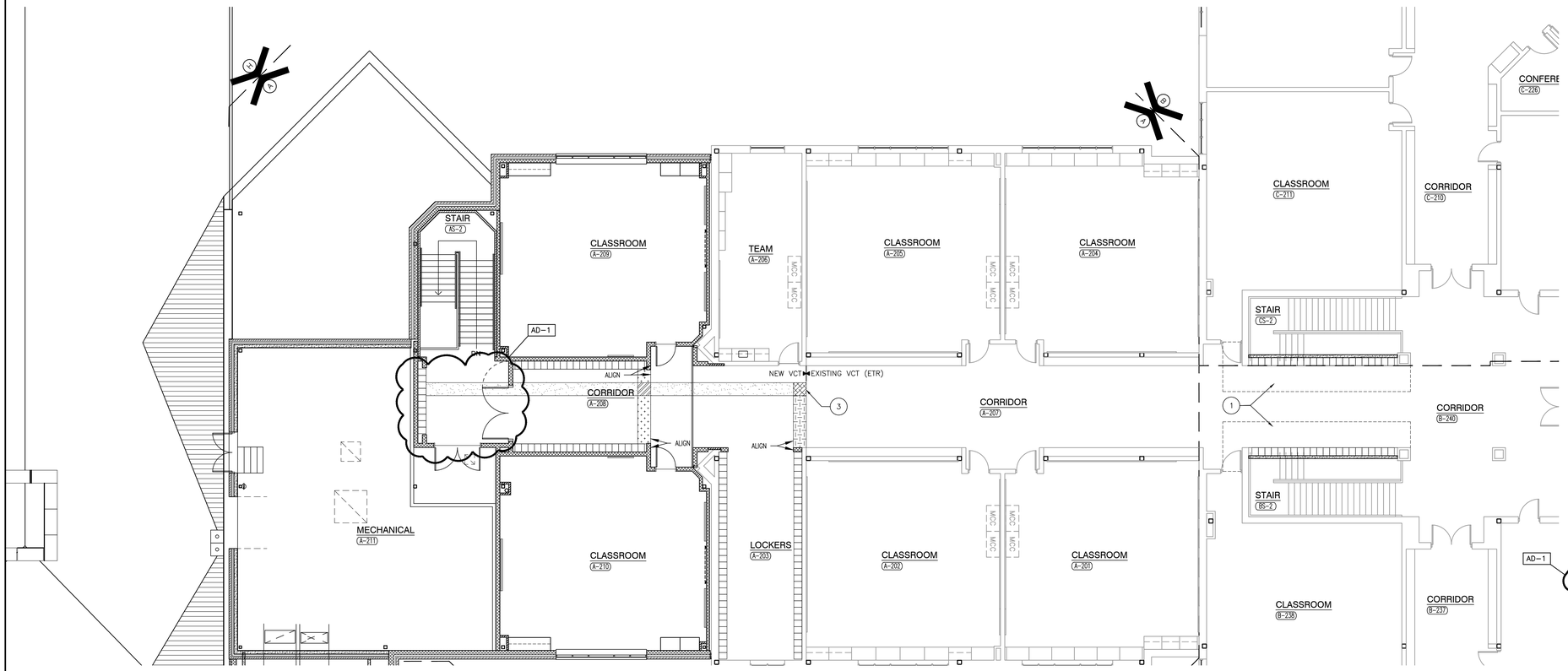
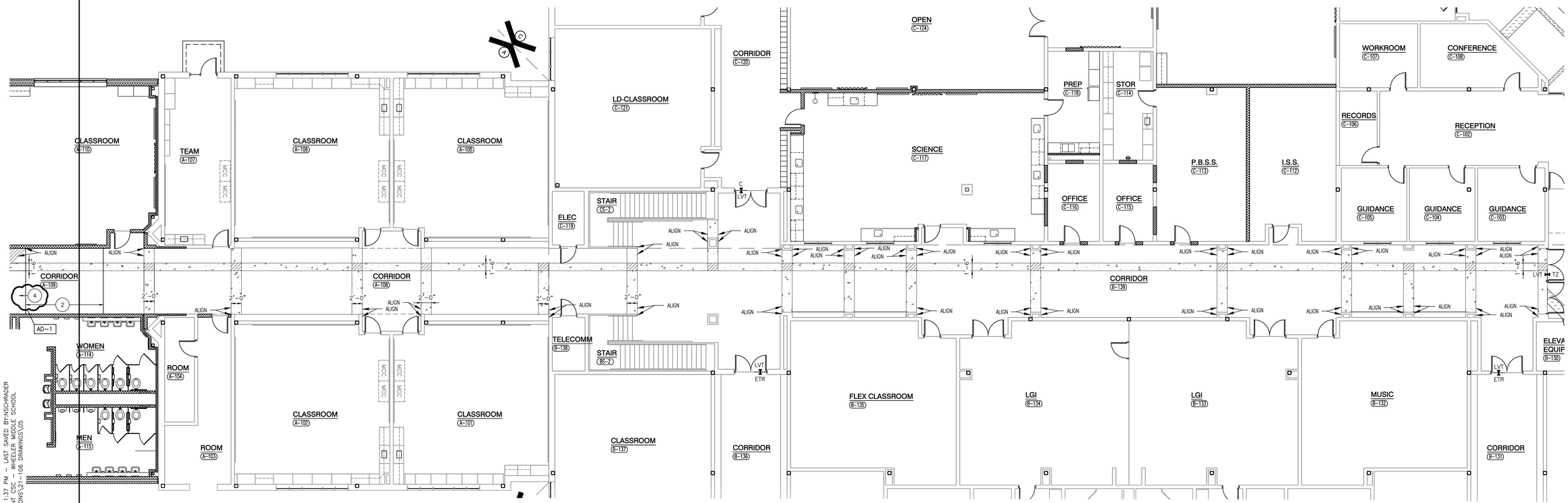


UNIT "A" SECOND FLOOR PATTERN PLAN

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



UNIT "A" AND "B" FIRST FLOOR PATTERN PLAN

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

GENERAL FLOOR PATTERN PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE FINISH PLAN, AND WRITTEN SPECIFICATIONS FOR ADDITIONAL 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 ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

D. 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.

E. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

FLOOR PATTERN LEGEND:

INDICATES FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

VCT1 VCT2 VCT3 VCT4 VCT5 VCT6

LVT1 LVT2 LVT3 LVT4

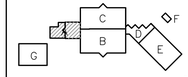
TZ1 TZ2 TZ3 TZ4 TZ5

FLOOR PATTERN PLAN NOTES:

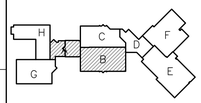
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

1. PATCH IN NEW VCT TO REPAIR FLOOR FROM NEW CONSTRUCTION, TO MATCH EXISTING PATTERN.
2. RAMP LINE.
3. ALIGN WITH EXISTING PATTERN.
4. SEE SHEET A-832 FOR EXTENDED LVT PATTERN.

AD-1



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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

PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EKM
CHECKED BY NAS

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

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DRAWING
UNIT "A" AND "B" FIRST FLOOR PATTERN PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET A-830

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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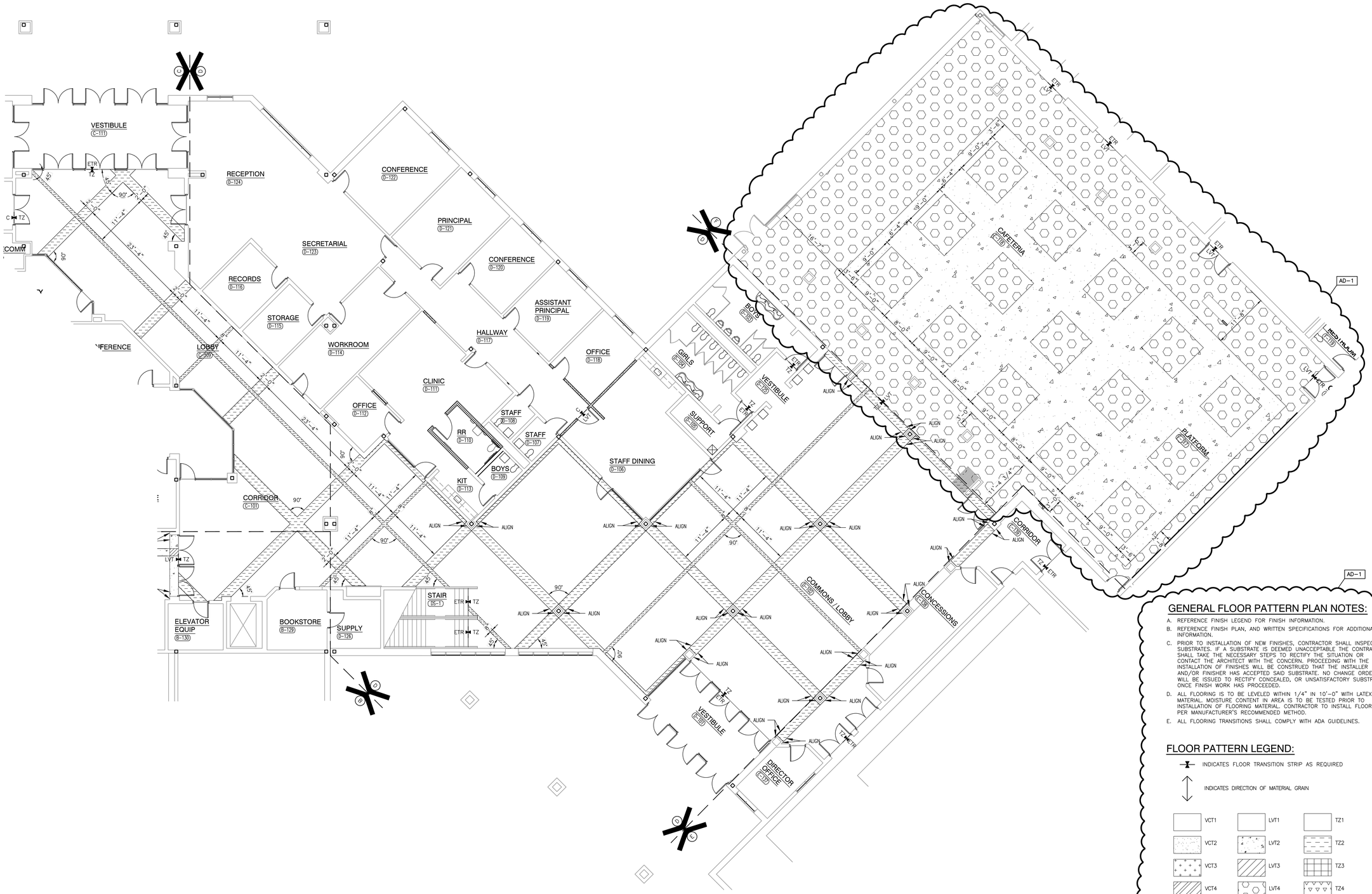

UNIT "C", "D" AND "F" FIRST FLOOR PATTERN PLAN

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

NORTH

GENERAL FLOOR PATTERN PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.

B. REFERENCE FINISH PLAN, AND WRITTEN SPECIFICATIONS FOR ADDITIONAL 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 ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.

D. 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.

E. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

FLOOR PATTERN LEGEND:

INDICATES FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

VCT1	LVT1	TZ1
VCT2	LVT2	TZ2
VCT3	LVT3	TZ3
VCT4	LVT4	TZ4
VCT5		TZ5
VCT6		

FLOOR PATTERN PLAN NOTES:

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

1. PATCH IN NEW VCT TO REPAIR FLOOR FROM NEW CONSTRUCTION, TO MATCH EXISTING PATTERN.
2. RAMP LINE.
3. ALIGN WITH EXISTING PATTERN.
4. SEE SHEET A-832 FOR EXTENDED LVT PATTERN.

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

FIRST FLOOR 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 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EKM
CHECKED BY NAS

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

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REVISIONS

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AD-1	3/28/22	ADDENDUM NO.1

DRAWING
UNIT "C", "D" AND "F" FIRST FLOOR PATTERN PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A-831

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GENERAL FLOOR PATTERN PLAN NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
B. REFERENCE FINISH PLAN, AND WRITTEN SPECIFICATIONS FOR ADDITIONAL 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 ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
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FLOOR PATTERN LEGEND:

- INDICATES FLOOR TRANSITION STRIP AS REQUIRED
- INDICATES DIRECTION OF MATERIAL GRAIN

VCT1	LVT1	TZ1
VCT2	LVT2	TZ2
VCT3	LVT3	TZ3
VCT4	LVT4	TZ4
VCT5		TZ5
VCT6		

FLOOR PATTERN PLAN NOTES:

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

1. PATCH IN NEW VCT TO REPAIR FLOOR FROM NEW CONSTRUCTION, TO MATCH EXISTING PATTERN.
2. RAMP LINE.
3. ALIGN WITH EXISTING PATTERN.
4. SEE SHEET A-832 FOR EXTENDED LVT PATTERN.

UNIT "G" AND "H" FIRST FLOOR PATTERN PLAN

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

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

FIRST FLOOR KEY PLAN

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

PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EKM
CHECKED BY NAS

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

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DRAWING
UNIT "G" AND "H" FIRST FLOOR PATTERN PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A-832

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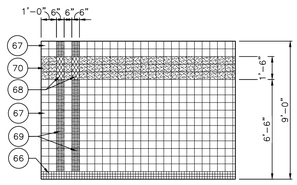
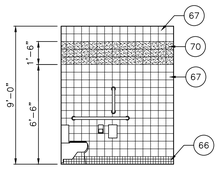


D-110 RR NORTHEAST ELEVATION

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

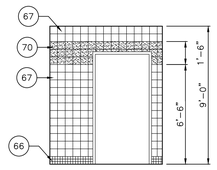
8 / A-861



D-110 RR SOUTHEAST ELEVATION

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

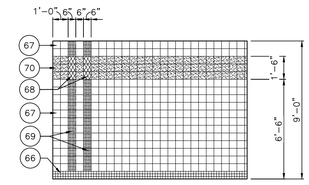
7 / A-861



D-110 RR NORTHWEST ELEVATION

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

6 / A-861

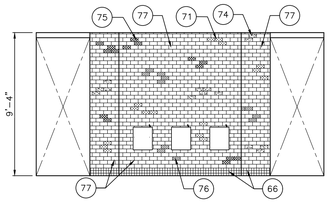


D-110 RR SOUTHWEST ELEVATION

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

5 / A-861

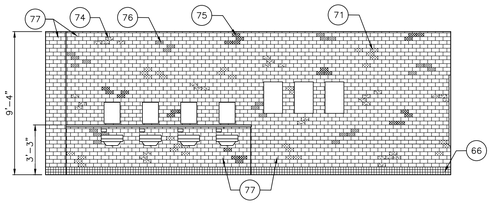
AD-1



H-123/H-124 RESTROOM ENTRANCE

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

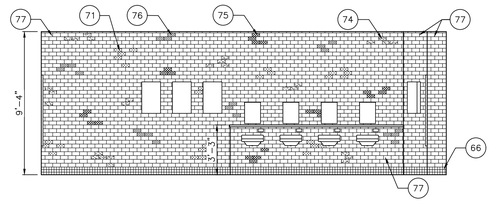
4 / A-861



RESTROOM A-115 SOUTH ELEVATION

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

3 / A-861



RESTROOM A-114 NORTH ELEVATION

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

2 / A-861

AD-1

ELEVATION GENERAL NOTES:

A. REFERENCE FINISH LEGEND (A-820) FOR FINISH INFORMATION.
B. REFERENCE FLOOR PATTERN PLANS FOR FLOORING INFORMATION.
C. REFERENCE WRITTEN SPECIFICATIONS, EQUIPMENT PLANS, FINISH PLANS, AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION.

ELEVATION NOTES:

1. WOOD TRIM, STAINED
2. FOLDING PARTITION WITH WALLCOVERING WC1
3. TV MONITOR
4. --
5. 1" REVEAL MOLD
6. "V" JOINT
7. COLUMN COVER REVEAL
8. SCHLUTER TRIM

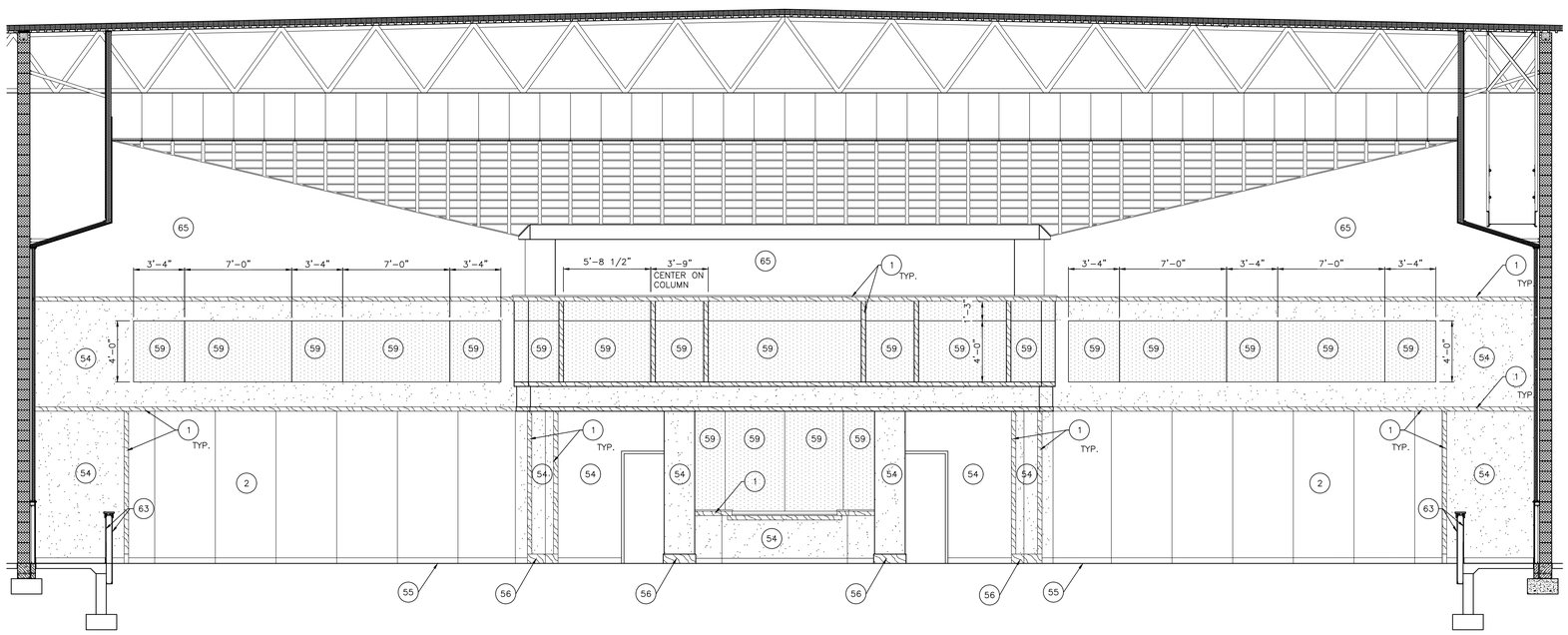
ELEVATION FINISH NOTES:

51. PAINT, P1
52. PAINT, P2
53. WALLCOATING, W1
54. WALLCOVERING, WC1
55. WALL BASE, B3
56. WOOD BASE, WB1
57. WOOD VENEER, WITH WOOD REVEALS, STAINED
58. 1" REVEAL MOLD
59. ACOUSTICAL WALL PANEL, FW – AWP1
60. SPEAKER, REFER TO TECHNOLOGY, TA SERIES DRAWINGS
61. WALL TILE, WT1
62. ACOUSTICAL WALL FABRIC, FW – AWP2
63. WALLCOVERING, WC2
64. PAINT, P6
65. PAINT, P7
66. TILE BASE, TB
67. WALL TILE, WT3
68. WALL TILE, WT4
69. WALL TILE, WT5
70. WALL TILE, WT2
71. WALL TILE, WT6
72. 2'x2' CEILING GRID, SEE REFLECTED CEILING PLANS
73. FURRED OUT GYMSUM BOARD OVER EXISTING MASONRY. PAINTED/STAINED 1x RED OAK TRIM AT JAMBS FULL HEIGHT.
74. WALL TILE, WT7
75. WALL TILE, WT8
76. WALL TILE, WT9
77. WALL TILE, WT10
78. WALL COVERING 4, WC4 ON NEW CONSTRUCTION
79. PAINT EXISTING PIPES, W1

BRICK & STONE TYPE NOTES:

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

B3 FACE BRICK (TYPE B3) COLOR B, RUNNING BOND, 4x4x8 UTILITY.
G1 GROUND FACE CMU.



AUDITORIUM EAST ELEVATION

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

1 / A-861

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Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-106
DATE
3/14/22
COORDINATED BY
EJM
DRAWN BY
CHECKED BY
NAS

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

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MARK	DATE	ISSUED FOR
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DRAWING
INTERIOR ELEVATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A-861

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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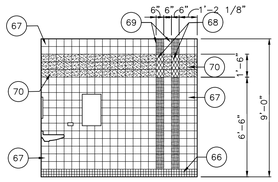
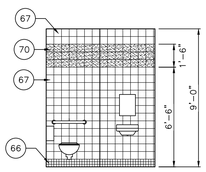


TYP. SMALL RR WEST

SCALE: 1/4" = 1'-0" H-112

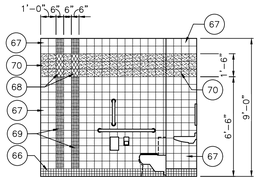
8 / A-863



TYP. SMALL RR SOUTH

SCALE: 1/4" = 1'-0" H-112

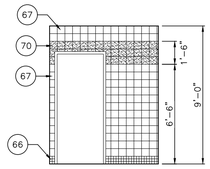
7 / A-863



TYP. SMALL RR EAST

SCALE: 1/4" = 1'-0" H-112

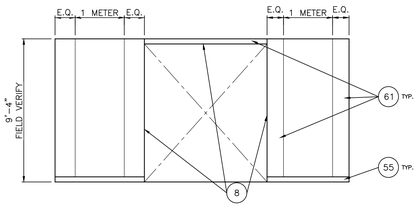
6 / A-863



TYP. SMALL RR NORTH

SCALE: 1/4" = 1'-0" H-112

5 / A-863



TYPICAL WALL TILE, WT1 ELEVATION

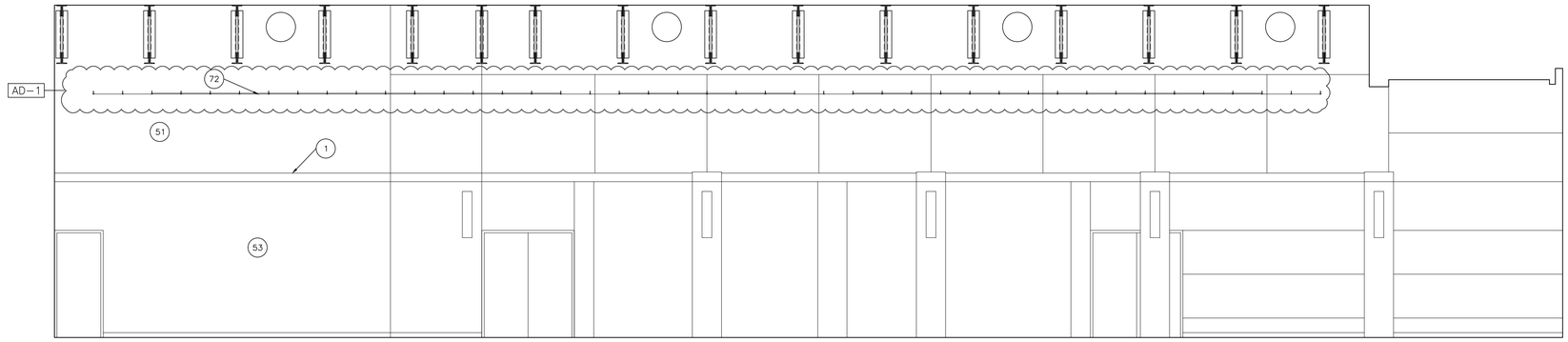
SCALE: 1/4" = 1'-0" H-123/H-124

4 / A-863

CAFETERIA F-118 EAST ELEVATION

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

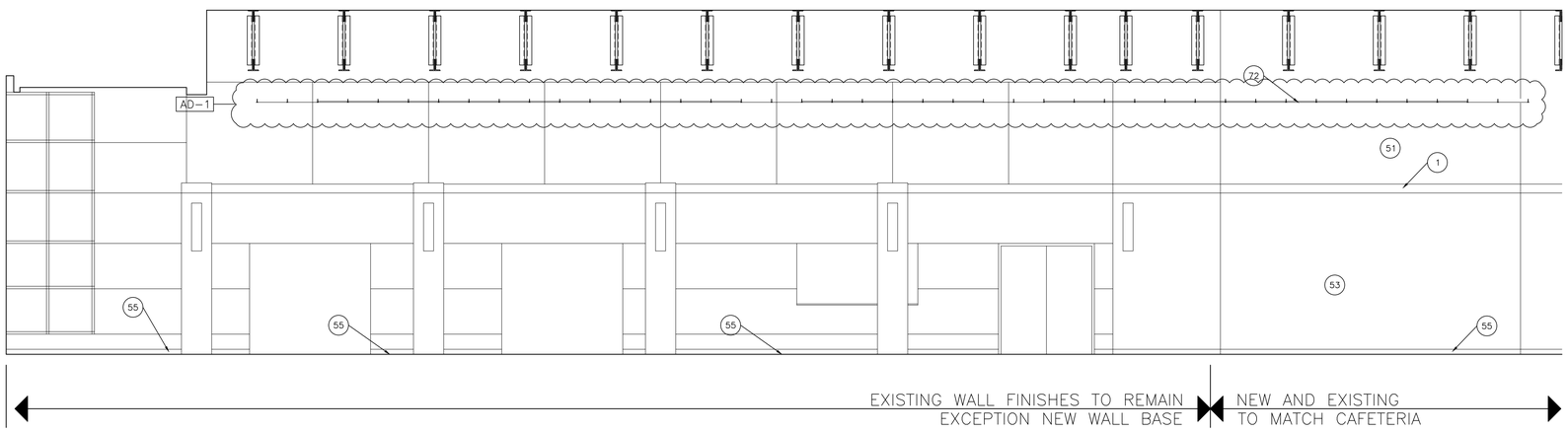
3 / A-863



CAFETERIA F-118 SOUTH ELEVATION

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

2 / A-863



CAFETERIA F-118 NORTH ELEVATION

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

1 / A-863

ELEVATION GENERAL NOTES:

A. REFERENCE FINISH LEGEND (A-820) FOR FINISH INFORMATION.
B. REFERENCE FLOOR PATTERN PLANS FOR FLOORING INFORMATION.
C. REFERENCE WRITTEN SPECIFICATIONS, EQUIPMENT PLANS, FINISH PLANS, AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION.

ELEVATION NOTES:

1. WOOD TRIM, STAINED
2. FOLDING PARTITION WITH WALLCOVERING WC1
3. TV MONITOR
4. --
5. 1" REVEAL MOLD
6. "V" JOINT
7. COLUMN COVER REVEAL
8. SCHLUTER TRIM

ELEVATION FINISH NOTES:

51. PAINT, P1
52. PAINT, P2
53. WALLCOATING, W1
54. WALLCOVERING, WC1
55. WALL BASE, B3
56. WOOD BASE, WB1
57. WOOD VENEER, WITH WOOD REVEALS, STAINED
58. 1" REVEAL MOLD
59. ACOUSTICAL WALL PANEL, FW - AWP1
60. SPEAKER, REFER TO TECHNOLOGY, TA SERIES DRAWINGS
61. WALL TILE, WT1
62. ACOUSTICAL WALL FABRIC, FW - AWP2
63. WALLCOVERING, WC2
64. PAINT, P6
65. PAINT, P7
66. TILE BASE, TB
67. WALL TILE, WT3
68. WALL TILE, WT4
69. WALL TILE, WT5
70. WALL TILE, WT2
71. WALL TILE, WT6
72. 2'x2' CEILING GRID, SEE REFLECTED CEILING PLANS
73. FURRED OUT GYMSUM BOARD OVER EXISTING MASONRY. PAINTED/STAINED 1x RED OAK TRIM AT JAMBS FULL HEIGHT.
74. WALL TILE, WT7
75. WALL TILE, WT8
76. WALL TILE, WT9
77. WALL TILE, WT10
78. WALL COVERING 4, WC4 ON NEW CONSTRUCTION
79. PAINT EXISTING PIPES, W1

AD-1

BRICK & STONE TYPE NOTES:

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

B3. FACE BRICK (TYPE B3) COLOR B, RUNNING BOND, 4x4x8 UTILITY.
G1. GROUND FACE CMU.

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY MMM
CHECKED BY NAS

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

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MARK	DATE	ISSUED FOR
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DRAWING
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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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A-863

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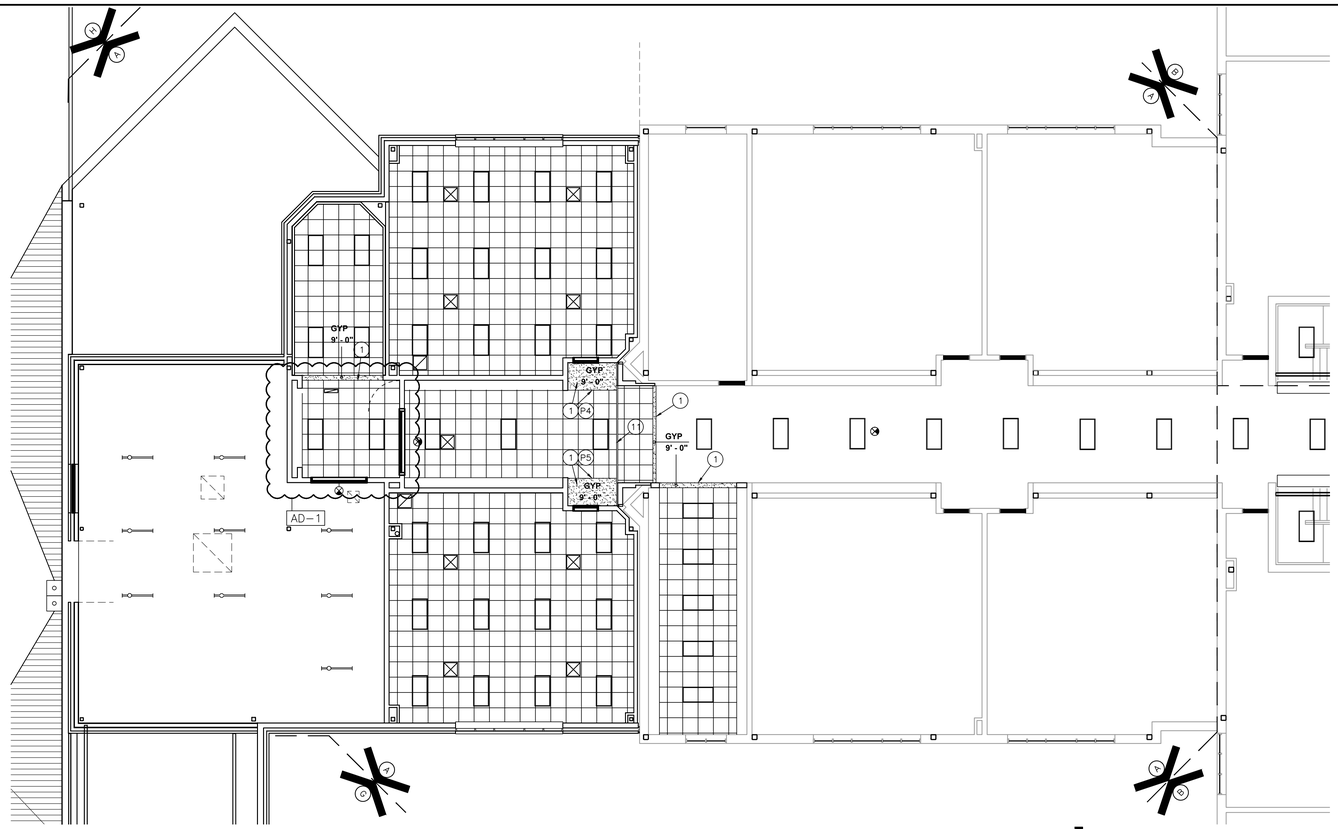
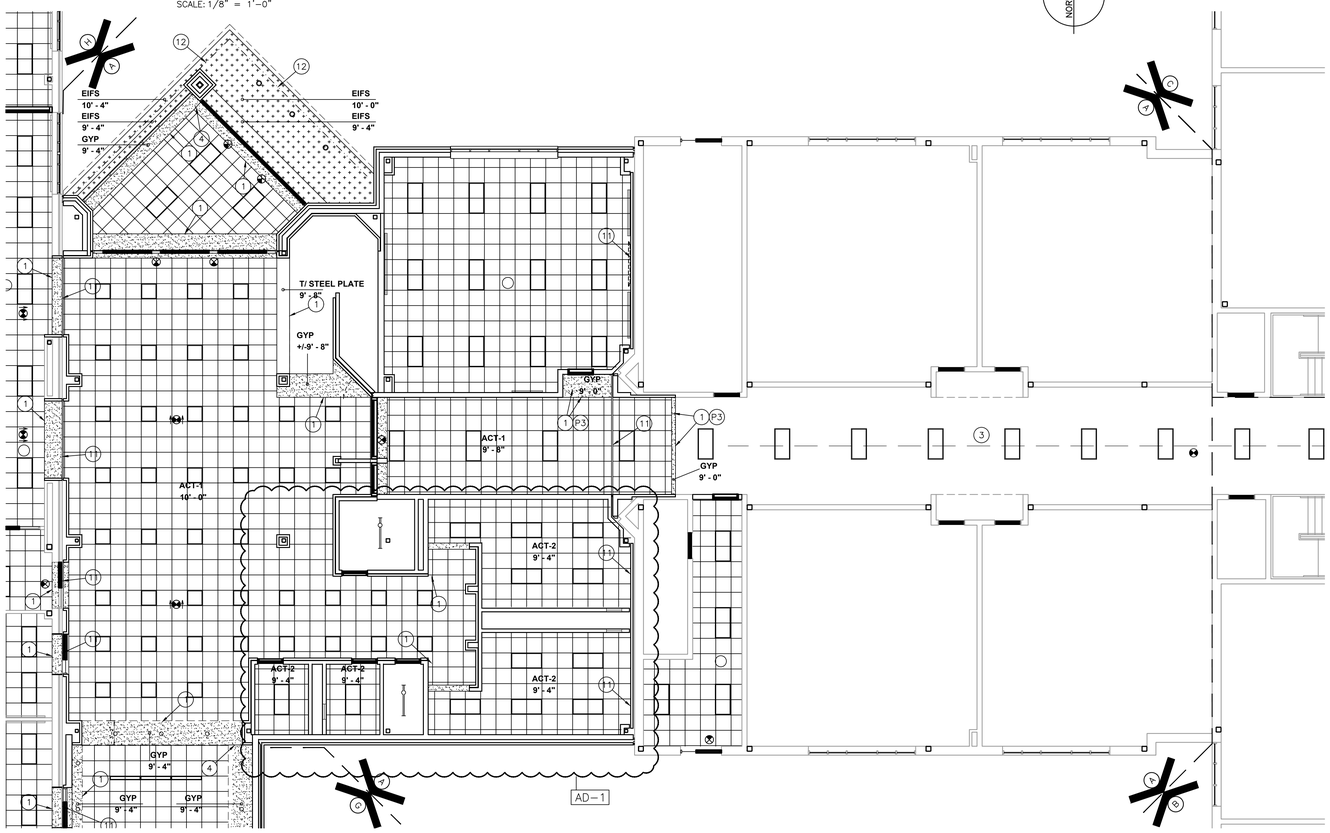
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\A-863.DWG



UNIT "A" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

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



UNIT "A" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

ACT-1 SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/A-920) AND WALL SECTIONS

EIFS SOFFIT SYSTEM ON 5/8" GYPSUM SHEATHING AND METAL FRAMING/ SUSPENSION SYSTEM, REFER TO WALL SECTIONS FOR INSULATION THICKNESS

SUPPLY AIR DIFFUSER

RETURN OR EXHAUST REGISTER

EXHAUST REGISTER

PYRAMID ACOUSTICAL DIFFUSER

2x4 LIGHT FIXTURE

2x2 LIGHT FIXTURE

EXIT LIGHT

DOWN LIGHT

4FT STRIP FIXTURE

1x4 LIGHT FIXTURE

LINEAR LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT FINISH — 1/A-920 (U.N.O.)
   REFER TO FINISH LEGEND SHEET A-820 FOR SPECIFIC PAINT SELECTIONS.
   PAINT COLORS ARE AS FOLLOWS (UNLESS NOTED OTHERWISE.)
   PAINT P1 – AREAS B, C, D, E, F
   PAINT P6 – AREA A, G, H
   PAINT P2, P3, P4, P5, AND P7 ARE NOTED ON THE PLAN
2. EXISTING GYPSUM BOARD BULKHEAD. PATCH AND EPOXY PAINT.
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. SOFFIT "V" JOINT.
5. PATCH EXISTING GYPSUM BOARD SOFFIT. PREPARE FOR PAINT
6. CEILING EXPOSED STRUCTURE TO BE PAINTED
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO ARCHITECTURAL CEILING WORK. REFER TO ELECTRICAL AND TECHNOLOGY PLANS FOR ANY ELECTRICAL OR TECHNICAL WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.
10. AUTOMATIC SMOKE VENTILATOR.
11. 2" EXPANSION JOINT.
12. LINEAR SOFFIT VENT.

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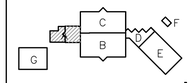
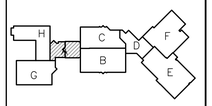
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT
21-106
DATE
3/14/22
COORDINATED BY
EJM
DRAWN BY
EJM PCD
CHECKED BY
EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "A" FIRST & SECOND FLOOR REFLECTED CEILING PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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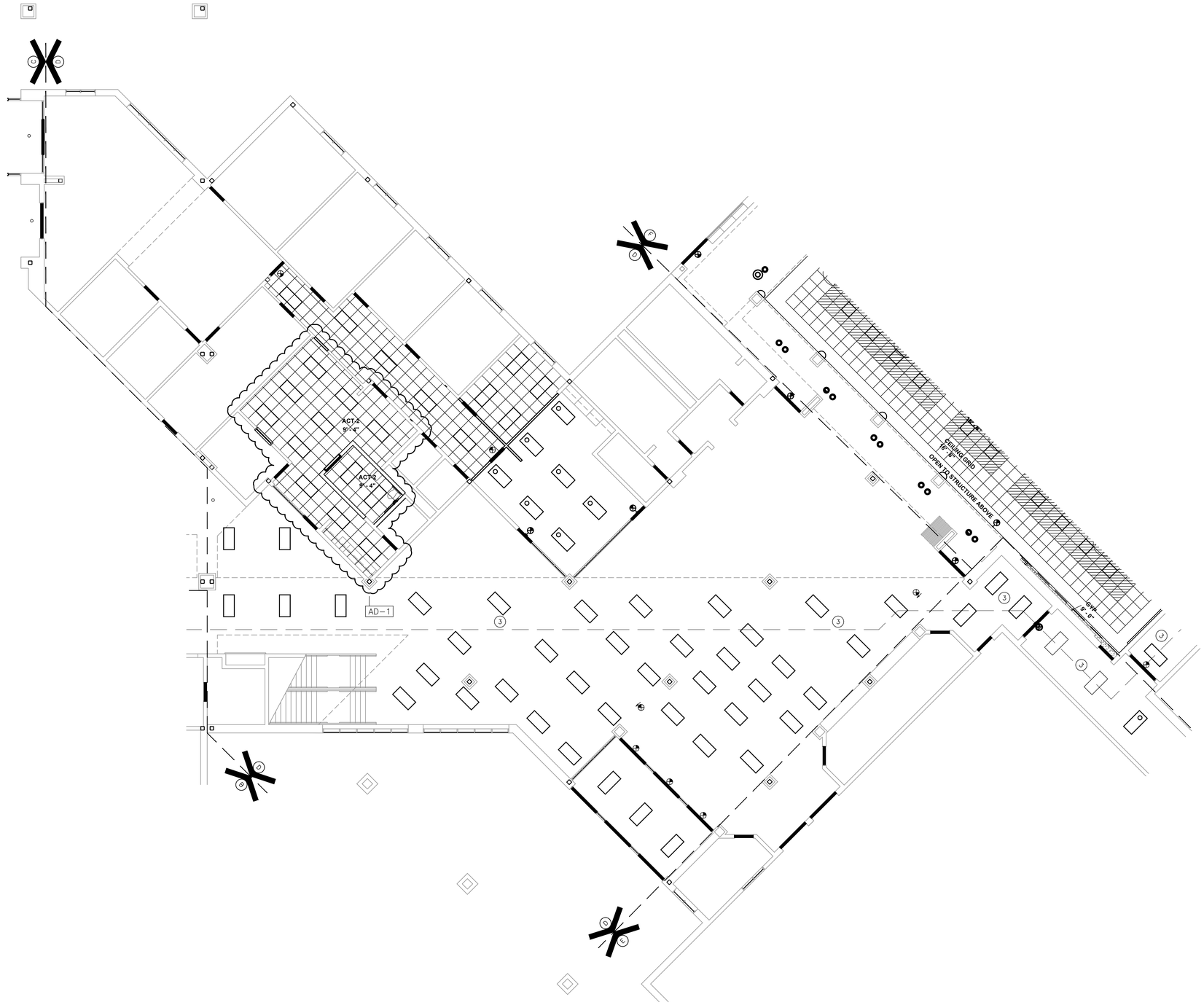

UNIT "D" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

NORTH

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

ACT-1 SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/A-920) AND WALL SECTIONS

EIFS SOFFIT SYSTEM ON 5/8" GYPSUM SHEATHING AND METAL FRAMING/ SUSPENSION SYSTEM, REFER TO WALL SECTIONS FOR INSULATION THICKNESS

SUPPLY AIR DIFFUSER

RETURN OR EXHAUST REGISTER

EXHAUST REGISTER

PYRAMID ACOUSTICAL DIFFUSER

2x4 LIGHT FIXTURE

2x2 LIGHT FIXTURE

EXIT LIGHT

DOWN LIGHT

4FT STRIP FIXTURE

1x4 LIGHT FIXTURE

LINEAR LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT FINISH — 1/A-920 (U.N.O.)

   REFER TO FINISH LEGEND SHEET A-820 FOR SPECIFIC PAINT SELECTIONS. PAINT COLORS ARE AS FOLLOWS (UNLESS NOTED OTHERWISE.)
   PAINT P1 – AREAS B, C, D, E, F
   PAINT P6 – AREA A, G, H

   PAINT P2, P3, P4, P5, AND P7 ARE NOTED ON THE PLAN

2. EXISTING GYPSUM BOARD BULKHEAD. PATCH AND EPOXY PAINT.
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. SOFFIT "V" JOINT.
5. PATCH EXISTING GYPSUM BOARD SOFFIT. PREPARE FOR PAINT
6. CEILING EXPOSED STRUCTURE TO BE PAINTED
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO ARCHITECTURAL CEILING WORK. REFER TO ELECTRICAL AND TECHNOLOGY PLANS FOR ANY ELECTRICAL OR TECHNICAL WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.
10. AUTOMATIC SMOKE VENTILATOR.
11. 2" EXPANSION JOINT.
12. LINEAR SOFFIT VENT.

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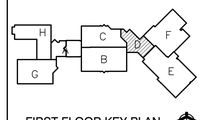
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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A-907

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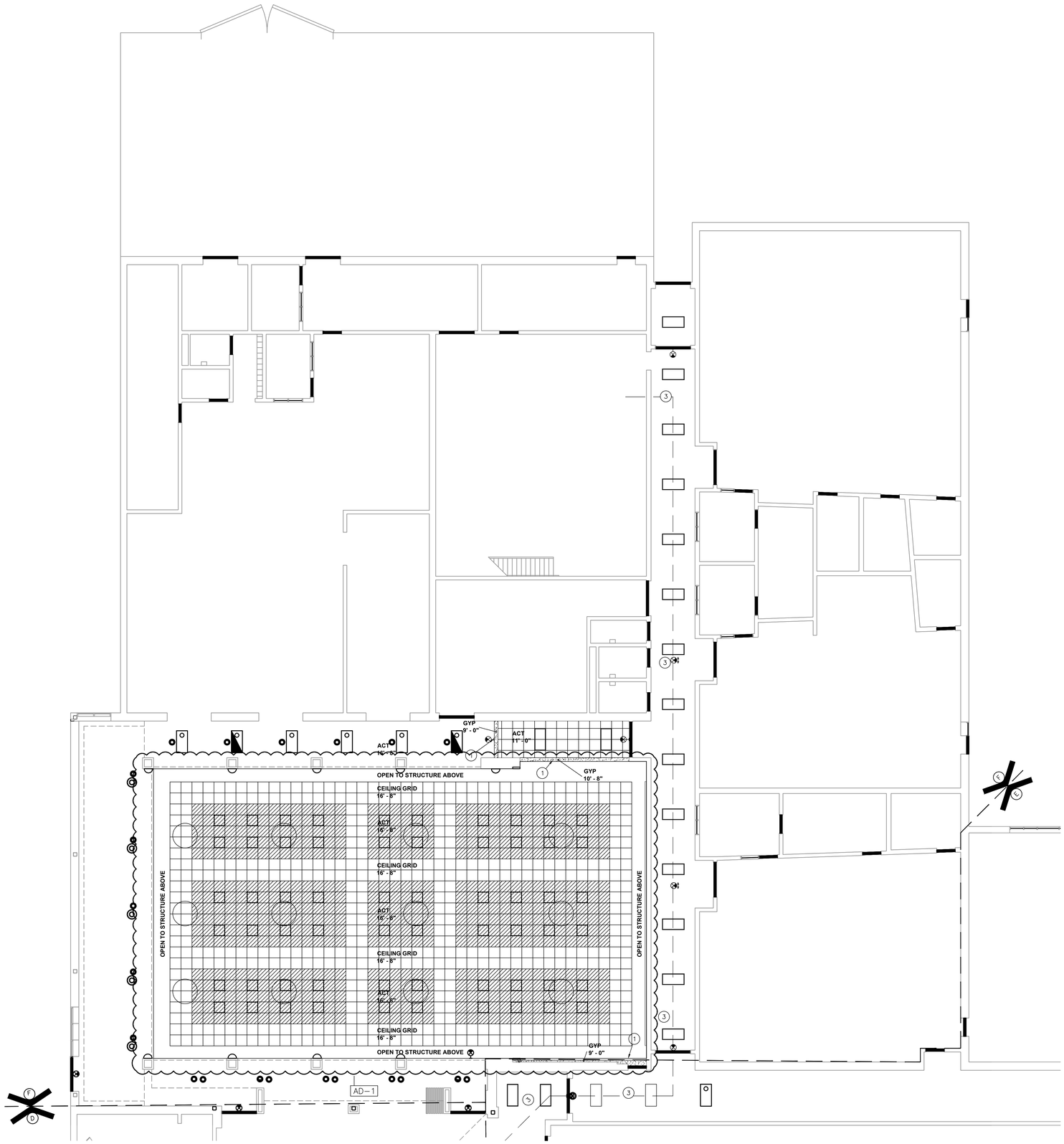

UNIT "F" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
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G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

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- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/A-920) AND WALL SECTIONS
- EIFS SOFFIT SYSTEM ON 5/8" GYPSUM SHEATHING AND METAL FRAMING/ SUSPENSION SYSTEM, REFER TO WALL SECTIONS FOR INSULATION THICKNESS
- SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- PYRAMID ACOUSTICAL DIFFUSER
- EXIT LIGHT
- DOWN LIGHT
- 4FT STRIP FIXTURE
- 1x4 LIGHT FIXTURE
- LINEAR LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- 2x2 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT FINISH — 1/A-920 (U.N.O.)
   REFER TO FINISH LEGEND SHEET A-820 FOR SPECIFIC PAINT SELECTIONS.
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   PAINT P6 – AREA A, G, H
   PAINT P2, P3, P4, P5, AND P7 ARE NOTED ON THE PLAN
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3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. SOFFIT "V" JOINT.
5. PATCH EXISTING GYPSUM BOARD SOFFIT. PREPARE FOR PAINT
6. CEILING EXPOSED STRUCTURE TO BE PAINTED
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO ARCHITECTURAL CEILING WORK. REFER TO ELECTRICAL AND TECHNOLOGY PLANS FOR ANY ELECTRICAL OR TECHNICAL WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.
10. AUTOMATIC SMOKE VENTILATOR.
11. 2" EXPANSION JOINT.
12. LINEAR SOFFIT VENT.

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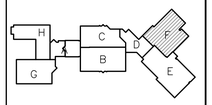
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1

DRAWING
UNIT "F" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
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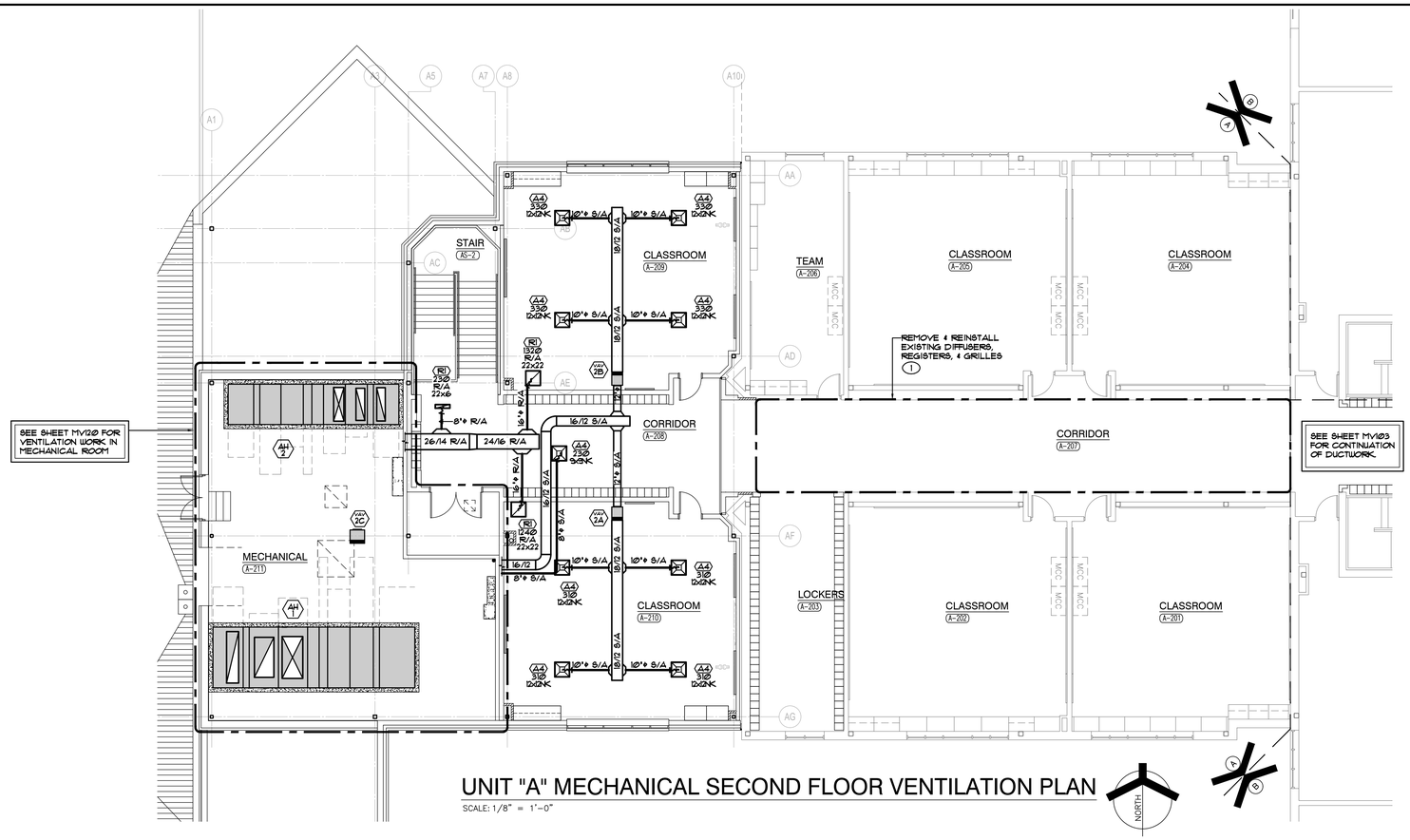
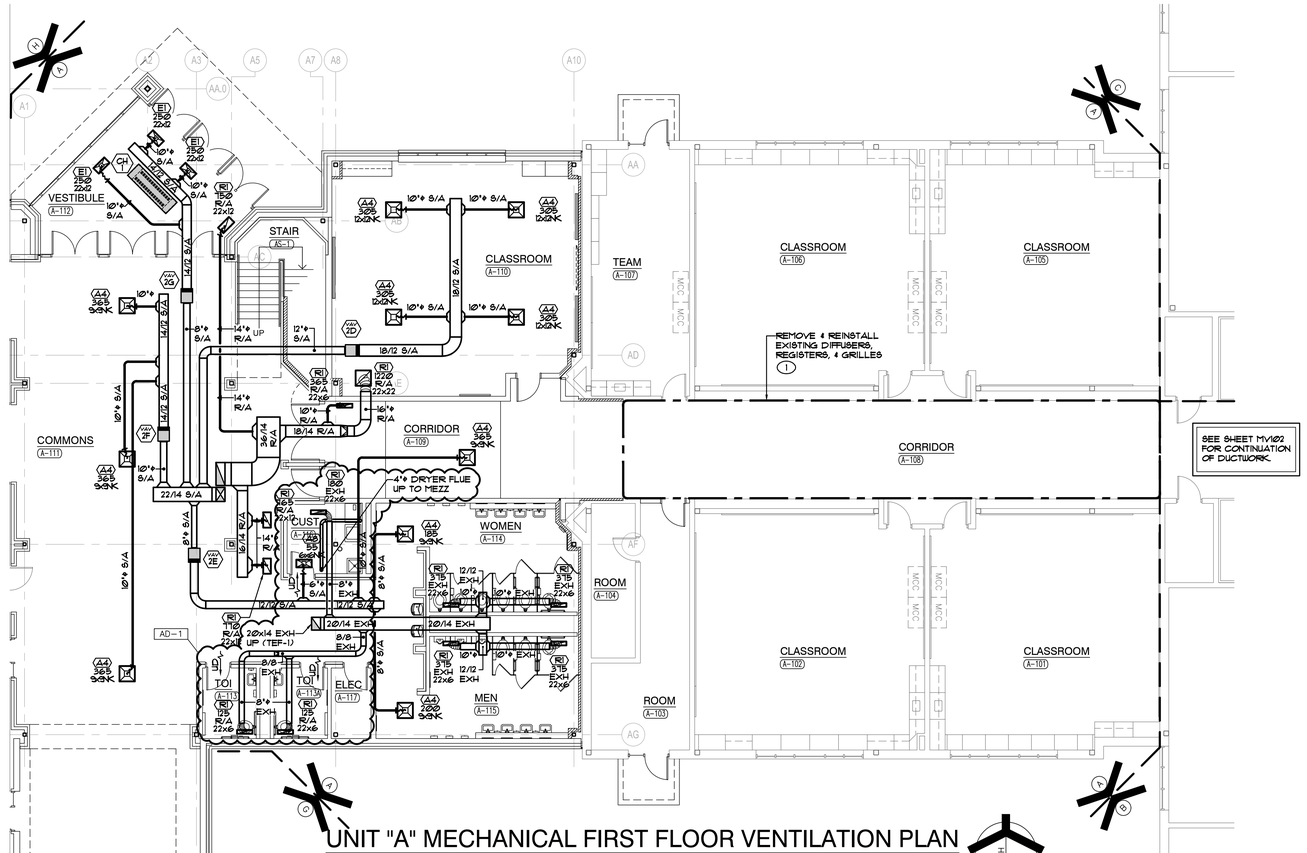
SHEET NOTES

1. DISCONNECT AND REMOVE ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES FROM EXISTING LAY-IN CEILING COMPLETE AS REQUIRED. INSPECT AND CLEAN EXISTING GRILLE COMPLETE AS REQUIRED. REINSTALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES IN LAY-IN CEILING AND RECONNECT EXISTING DUCTWORK, IF NECESSARY, COMPLETE AS REQUIRED.



UNIT "A" MECHANICAL SECOND FLOOR VENTILATION PLAN

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



UNIT "A" MECHANICAL FIRST FLOOR VENTILATION PLAN

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

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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(219) 924-5400
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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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AD-1	03/28/22	ADDENDUM NO. 1

DRAWING
UNIT "A" MECHANICAL FIRST & SECOND FLOOR VENTILATION PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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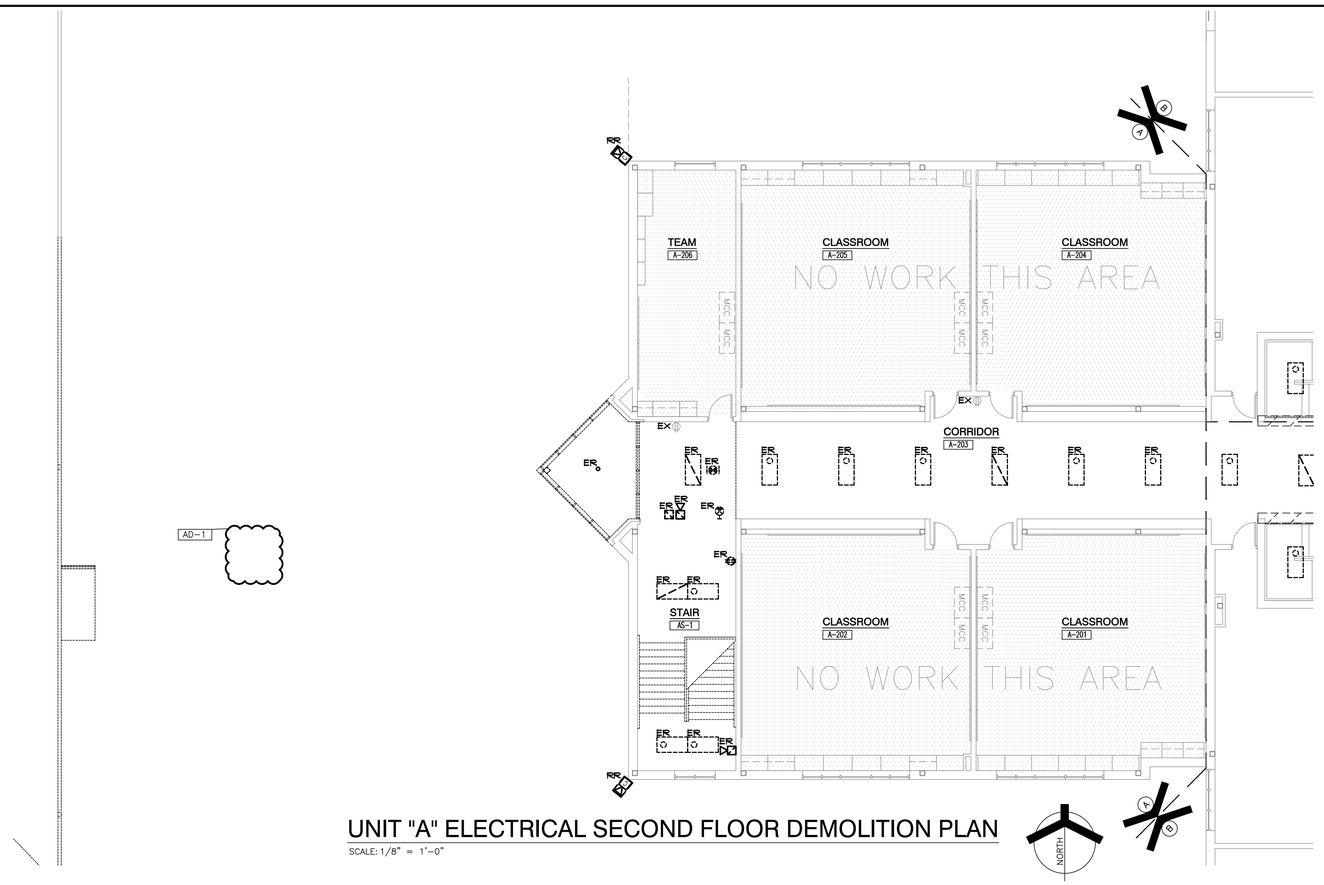
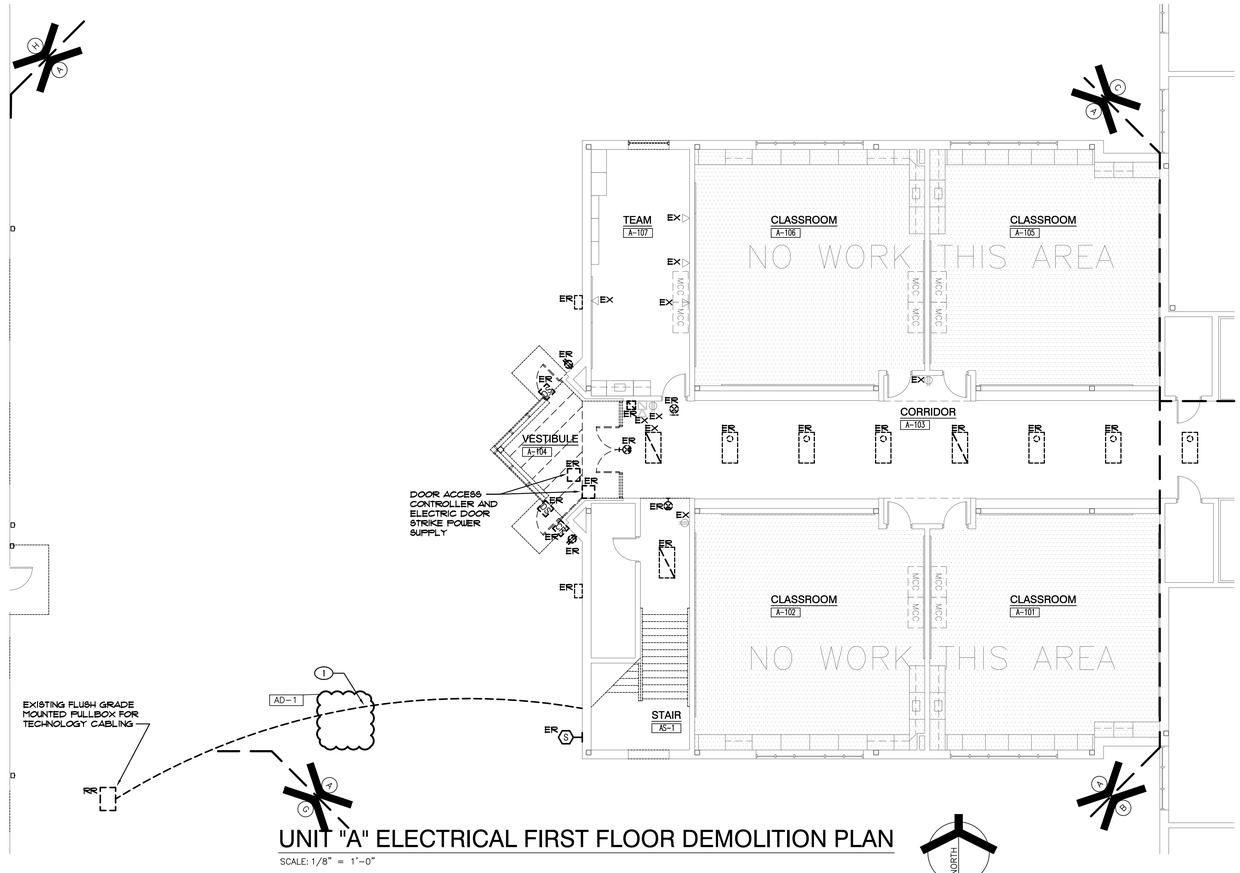


UNIT "A" ELECTRICAL SECOND FLOOR DEMOLITION PLAN

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



UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL NOTES

1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.

SHEET NOTES

1. EXISTING SITE CONDUIT IN FOOTPRINT OF BUILDING ADDITION TO BE REROUTED THROUGH NEW BUILDING ADDITIONS AND OVERHEAD. INTERCEPT EXISTING PENETRATION THROUGH EXISTING WALL. VERIFY EXACT CONDITIONS & REQUIREMENTS IN FIELD.

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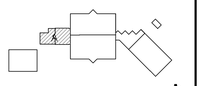
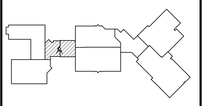
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT
21-106
DATE
03/14/22
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BAK/AG/MD
CHECKED BY
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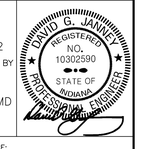

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MARK	DATE	ISSUED FOR
AD-1	03/28/22	ADDENDUM NO. 1

DRAWING
UNIT "A" ELECTRICAL FIRST & SECOND FLOOR DEMOLITION PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

NORTH

GENERAL NOTES

1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.

SHEET NOTES

1. APPROXIMATE ROUTING OF NEW OVERHEAD UTILITIES. REMOVE AND REINSTALL ALL EXISTING TO REMAIN DEVICES AS REQUIRED FOR INSTALLATION OF NEW UTILITIES. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

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PROJECT
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CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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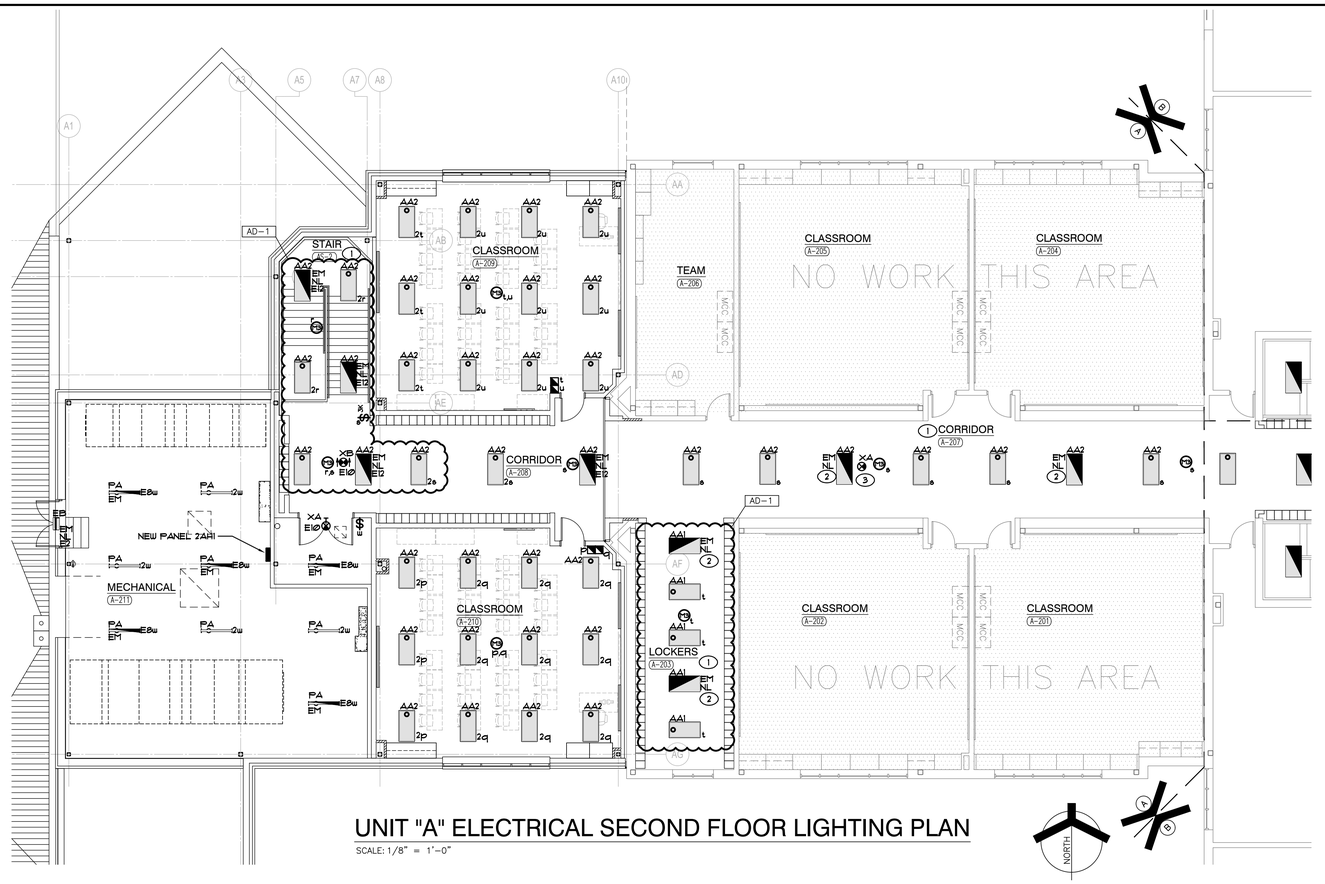
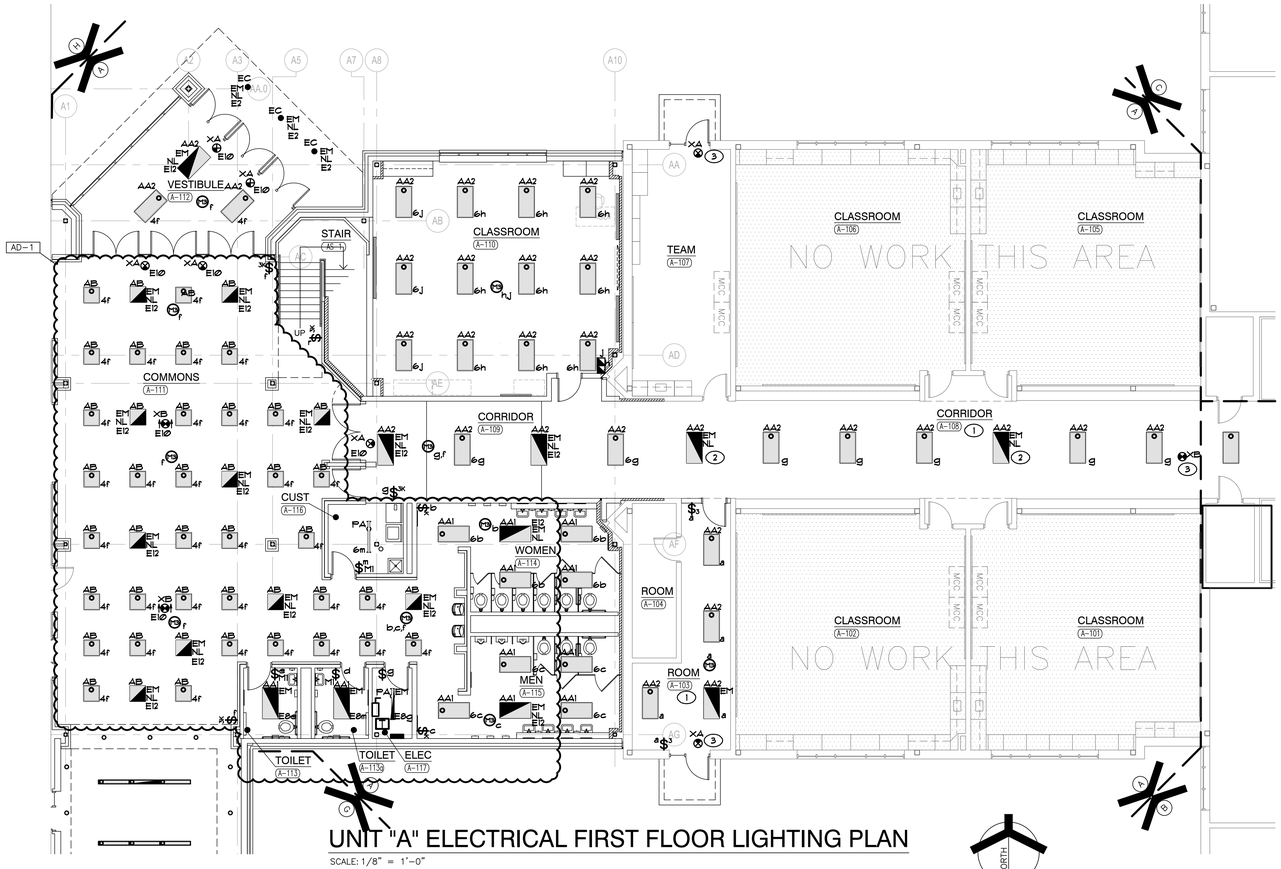


UNIT "A" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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



UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO NEW PANEL 2AH1 UNLESS OTHERWISE NOTED.
2. CIRCUIT ALL EMERGENCY LIGHTING FIXTURES WITH AN 'E' PREFIX TO NEW PANEL 1HHX UNLESS OTHERWISE NOTED.
3. 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.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
5. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
6. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED. MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED. MAXIMUM 4400W PER 277 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED. MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT

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AD-1	03/28/22	ADDENDUM NO. 1

DRAWING
UNIT "A" ELECTRICAL FIRST & SECOND FLOOR LIGHTING PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL 11 UNLESS OTHERWISE NOTED.
2. 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.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
4. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
5. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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

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DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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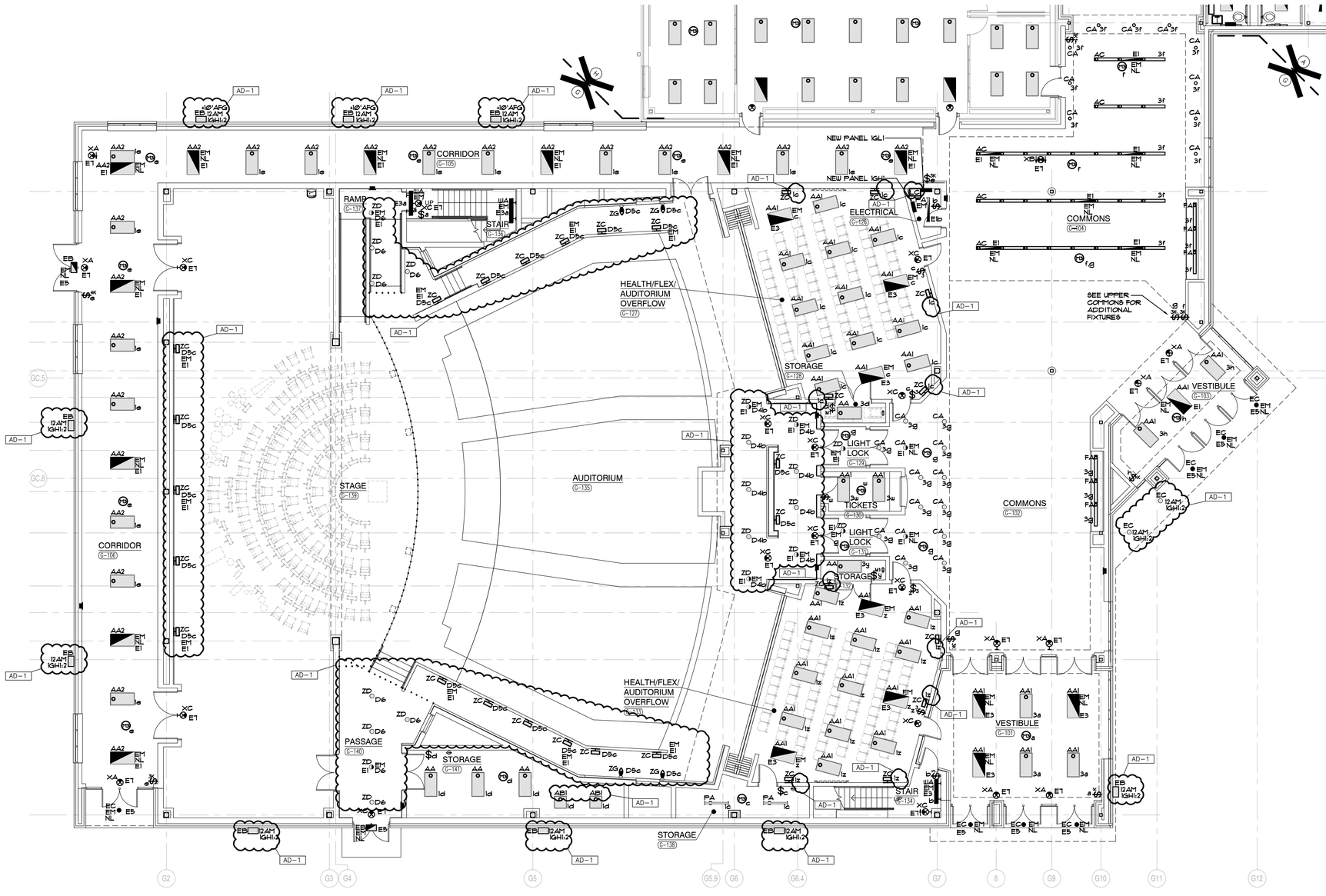
GENERAL NOTES

1. THE CONTRACTOR SHALL FULLY REVIEW THE THEATRICAL LIGHTING AND POWER DRAWINGS AS PART OF THE CONTRACT DOCUMENT REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE ALL POWER, LOW VOLTAGE, AND LOW VOLTAGE ROUGH-INS AS REQUIRED AND AS SHOWN ON THE THEATRICAL DRAWINGS FOR A COMPLETE AND PROPER INSTALLATION OF ALL SYSTEMS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD AND WITH THEATRICAL DRAWINGS, COMPLETE AS REQUIRED.
2. LIGHTING CIRCUITS FOR NORMAL POWER AUDITORIUM HOUSE LIGHTING (WITH A 'D' PREFIX) SHALL BE ROUTED TO DIMMER PANEL CIRCUITS. REFER TO THEATER DRAWINGS FOR ADDITIONAL INFORMATION. CIRCUIT NUMBERS ARE NOT ACTUAL AND ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL DIMMER ASSIGNMENTS WITH THEATER DRAWINGS, COMPLETE AS REQUIRED.
3. LIGHTING CIRCUITS FOR EMERGENCY POWER AUDITORIUM HOUSE LIGHTING (WITH AN 'EM' TAG) SHALL BE ROUTED TO DIMMER PANEL CIRCUITS AND EMERGENCY LIFE SAFETY CIRCUITS VIA DMX BYPASS AND EMERGENCY TRANSFER DEVICES. REFER TO THEATER DRAWINGS AND THEATER EMERGENCY LIGHTING DETAIL FOR ADDITIONAL INFORMATION. DIMMER CIRCUIT NUMBERS ARE NOT ACTUAL AND ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL DIMMER ASSIGNMENTS WITH THEATER DRAWINGS, COMPLETE AS REQUIRED.
4. SEATING IN THE AUDITORIUM IS BEING FURNISHED WITH INTEGRAL LIGHTING. CONTRACTOR TO PROVIDE CONNECTIONS FOR EACH LIGHT WITH A RECESSED IN-GRADE FLOOR BOX CONNECTED TO STEP LIGHT CIRCUIT DSc. VERIFY REQUIREMENTS, ARRANGEMENT, AND QUANTITY (APPROXIMATELY FORTY-EIGHT (48) LOCATIONS) WITH ARCHITECTURAL DRAWINGS AND FINAL SEATING SHOP DRAWINGS. PROVIDE ADDITIONAL CONDUIT, WIRING, ACCESSORIES, ETC. FOR A COMPLETE AND PROPER INSTALLATION. REFER TO THEATER DRAWINGS FOR ADDITIONAL INFORMATION. CIRCUIT NUMBERS ARE NOT ACTUAL AND ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL DIMMER ASSIGNMENTS WITH THEATER DRAWINGS, COMPLETE AS REQUIRED.
6. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL 1GHI UNLESS OTHERWISE NOTED.
7. CIRCUIT ALL EMERGENCY LIGHTING FIXTURES WITH AN 'E' PREFIX TO NEW PANEL 1HHX UNLESS OTHERWISE NOTED.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.
12. SHADED FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE AND CIRCUITED AS INDICATED TO PANEL 1HHX.
13. FOR BUILDING MOUNTED EXTERIOR LIGHTING CIRCUITS, CALCULATE FINAL WIRE LENGTHS IN FIELD AND PROVIDE LARGER, PROPERLY SIZED WIRE TO COMPLY WITH NEC VOLTAGE DROP REQUIREMENTS PRIOR TO ROUGH-IN, COMPLETE AS REQUIRED. CIRCUIT ALL BUILDING MOUNTED EXTERIOR LIGHTING VIA NEW LIGHTING CONTACTOR LC AND EXISTING TIME CLOCK. VERIFY AND MATCH OWNER'S EXISTING LIGHTING CONTROL STANDARDS.



UNIT "G" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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REGISTERED PROFESSIONAL ENGINEER
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STATE OF INDIANA

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DRAWING
UNIT "G" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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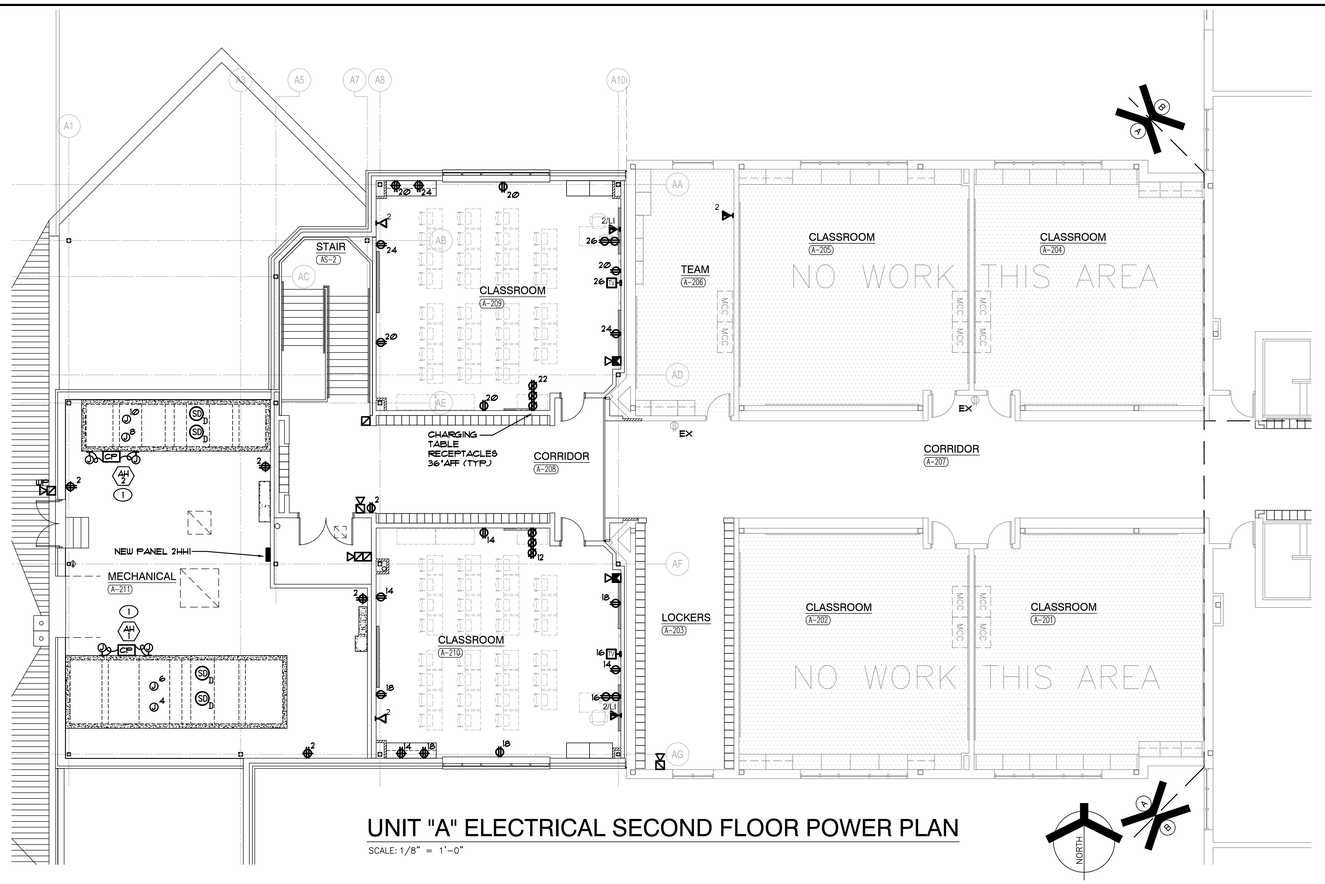
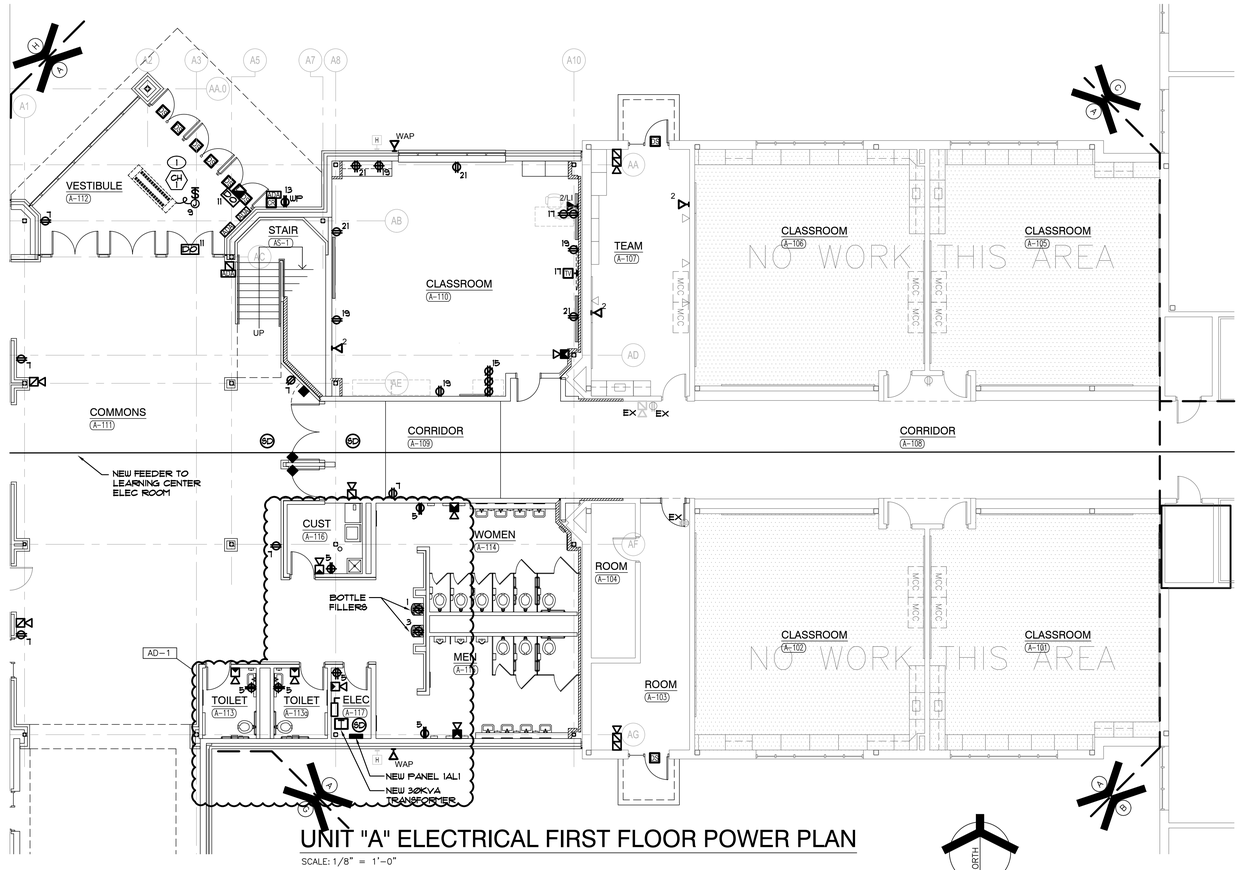


UNIT "A" ELECTRICAL SECOND FLOOR POWER PLAN

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



UNIT "A" ELECTRICAL FIRST FLOOR POWER PLAN

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

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL 1AL1 UNLESS OTHERWISE NOTED.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH D'YNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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AD-1	03/28/22	ADDENDUM NO. 1

DRAWING
UNIT "A" ELECTRICAL FIRST & SECOND FLOOR POWER PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
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GENERAL NOTES

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SHEET NOTES

1. CIRCUIT ALL DEVICES TO EXISTING PANEL SERVING THIS AREA UNLESS OTHERWISE NOTED. MAXIMUM 1440W PER 120V CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS ON THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A/1P CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL AND EXTEND 2 #2 4 1 #2 GRD. IN 3/4"C. UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. UTILIZE EXISTING SPARES MADE AVAILABLE FROM DEMOLITION WORK FOR NEW CIRCUITING. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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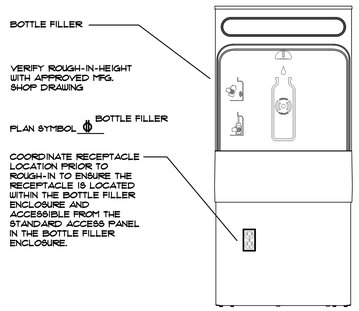
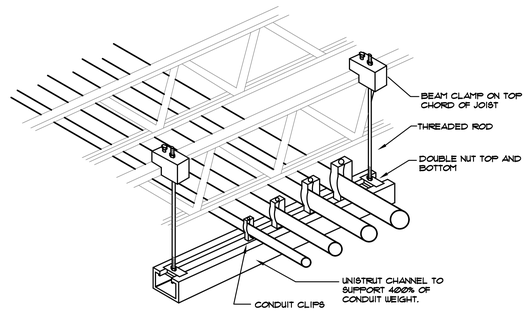
BOTTLE FILLER WIRING DETAIL

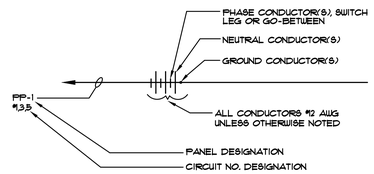
(NTS.)



2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



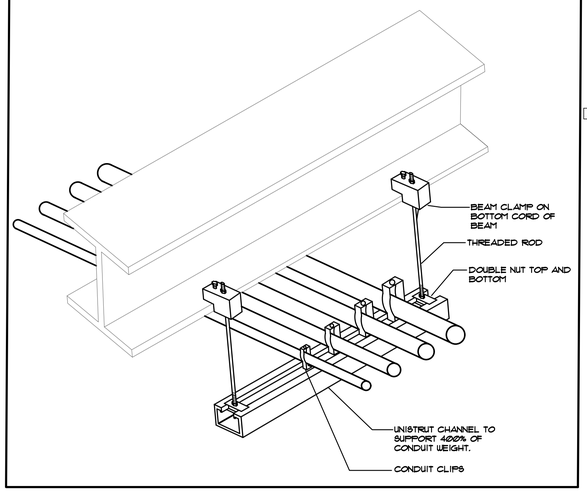
KEY TO ELECTRICAL CIRCUIT WIRING



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



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-EZ1-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-EZ1-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-EZ1-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 #2BLT4-12L-ADP-EZ1-LP840 COLUMBIA #LCAT24 SERIES METALUX #24CZ2 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K - MIN 1200 LM	RECESSED LAY-IN	- - - -
AB		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT2-48L-ADP-EZ1-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-EZ1-LP840 COLUMBIA #LCAT22 SERIES METALUX #22CZ2 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - - -
AD-1 AC		LINEAR LED RECESSED FIXTURE	MARK #SL4L LOP XFT FLP TG 80CRI 40K 800LMF MINI MVOLT NULITE #RX4-09-L40-UNV-D00-XX-FR-F-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 8W/FT MIN 800LM/FT	RECESSED LAY-IN	-PROVIDE CUSTOM CONTINUOUS LENGTHS & COORDINATE EMERGENCY CIRCUITS AND SWITCHING WITH PLANS
CA		6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA #LDN6-40-15-LO6-AR-L86-MVOLT -EZ10-XX FRESCOLITE #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-L86-XX-XX PORTFOLIO #LD6B SERIES CON-TECH #RALF2-6 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 30 W MIN 3000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
AD-1 FA		LED TAPE LIGHT FIXTURE	LUMINI LL72-HO41K-SL-NC-XX OR APPROVED EQUAL	120/277 VOLT MLV DIM - -	LED 4000K MAX 5W/FT MIN 442LM/FT	RECESSED LAY-IN/ DRYWALL	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASEWORK
FA		4', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA #LXL4-8000LM-SEF-FDL-MVOLT -GZ10-40K-80CRI-XX-XX METALUX #SNLED SERIES COLUMBIA #IPS SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 49W MIN 7000 LM	"Y" CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
AD-1 FB		6" ROUND LED CYLINDRICAL PENDANT	INDY #LC6P-23LM-40K-120-XX-80CRI-EZ1-XX-XX-XX LITESTRY LTC-6RD-FX-25L-40K-8-MD-DM1-88-X OR APPROVED EQUAL	120 VOLT 0-10V DIM -	LED 4000K MIN 2300LM MAX 28W	BOT. OF FIX. SUSPENDED LEVEL W/ CLOUD CEILING	-COORDINATE FINISH AND OVERALL HEIGHT WITH ARCHITECT
FC		LED CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE	MARK #SALID-XFT-MSLX-80CRI-40K-400LMF 180CRI-140K-1100LMF-FINI-SCT-MVOLT-WHT FI/36A-RDCY-WHTCY-WCRD NULITE #RP44-B-03/10-L40-U-D-XX-FRF-WH-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM - -	LED 4000 K MIN 1200LM/FT MAX 12W/FT	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT - -
WA		4' LED WRAP-AROUND FIXTURE	LITHONIA #FMLWD-4P-5000LM-SSS-ZT-MVOLT COLUMBIA #CRW4-L8CS METALUX #ANLW4040C	277 VOLT - - -	LED 4000K MAX 54 W MIN 5000LM	WALL MTD	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT
ZA		6" DIAMETER LED DOWNLIGHT	GOTHAM #EVO6-30-100-AR-VND-L86-MVOLT -EDXB-SCA6-5D-X-X METEOR #REV6 SERIES OR APPROVED EQUAL	120/277 VOLT DMX - -	LED 3000K MAX 97 W MIN 10000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
ZB		6" DIAMETER LED DOWNLIGHT	GOTHAM #EVO6-30-100-AR-VND-L86-MVOLT -EDXB-SCA6-15-X-X METEOR #REV6 SERIES OR APPROVED EQUAL	120/277 VOLT DMX - -	LED 3000K MAX 97 W MIN 10000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
ZC		LED STEPLITE	COLE #LZ52W-L26V-HO-2-BLK-DIM OR SPECTRUM #STPR-L30K-EI-MCPSLV-XX OR APPROVED EQUAL	120/277 VOLT DMX - -	LED 3000K MAX 5W MIN 600 LM	RECESSED DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT -PROVIDE WITH DMX DIM ACCESSORIES
ZD		4' DIAMETER LED DOWNLIGHT	GOTHAM #EVO4-30-20-AR-MD-L86-MVOLT- EDXB-X-X METEOR #REV4 SERIES OR APPROVED EQUAL	120/277 VOLT DMX - -	LED 3000K MAX 20 W MIN 2000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
ZG		LED THEATRICAL WALL SCONCE WITH OPTIONS TO BE SELECTED BY ARCHITECT	VISA #CB5303-L30K-XX-XX-XX-DCC OR APPROVED EQUAL	120/277 VOLT DMX - -	LED 3000K MAX 49 W MIN 5900 LM	WALL MTD VERIFY W/ ARCH	-VERIFY TRIM FINISH WITH ARCHITECT -PROVIDE WITH DMX DIM ACCESSORIES
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					

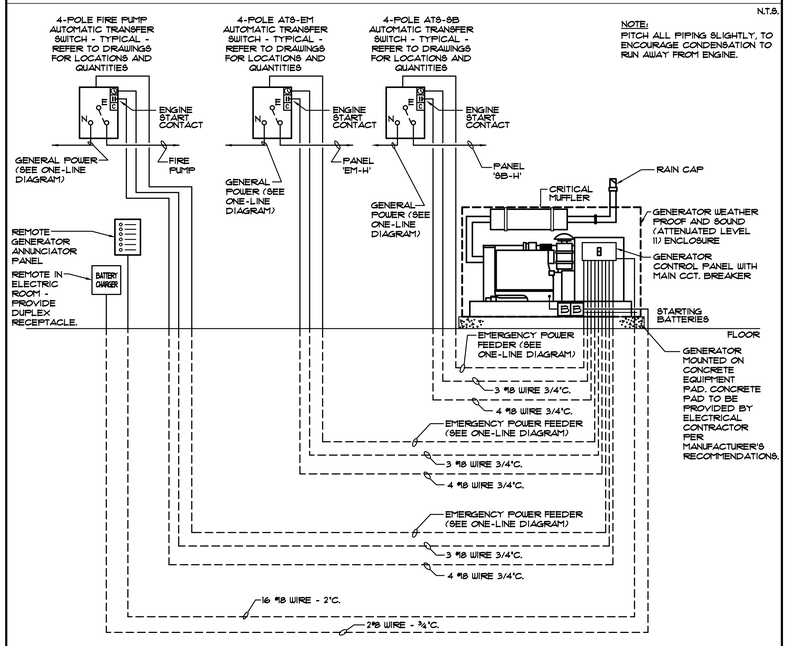
LIGHTING CONTROL SYSTEM NOTES

1. UNLESS NOTED OTHERWISE, THE LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE SENSORSWITCH WIRED SYSTEM COMPLETE WITH OCCUPANCY SENSORS, POWER PACKS, EMERGENCY ACCESSORIES, ETC. SYSTEM TO BE PROVIDED WITH COMPONENTS AND ACCESSORIES AS REQUIRED TO PROVIDE FUNCTIONALITY PER THE CONTRACT DOCUMENTS.
2. LIGHTING CONTROL EQUIPMENT WILL BE CONSIDERED FROM THE FOLLOWING MANUFACTURERS: EATON CONTROLS, LEVITON OR HUBBELL CONTROLS. THE SUBMITTED LIGHTING CONTROL SYSTEM SHALL PROVIDE FULL LIGHTING CONTROL FUNCTIONALITY AS SPECIFIED.
3. BECAUSE OF DIFFERENCES BETWEEN MANUFACTURERS, DIAGRAMS SHOWN ARE DIAGRAMMATIC AND MAY NOT SHOW ALL PARTS AND ACCESSORIES REQUIRED. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH LIGHTING CONTROL MANUFACTURER AND CONTRACT DOCUMENTS. CONTRACTOR SHALL PROVIDE ALL PARTS AND ACCESSORIES REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM AS SHOWN ON CONTRACT DOCUMENTS. VERIFY ALL CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
4. NO EXTRAS SHALL BE ALLOWED AFTER BIDDING FOR NOT FULLY UNDERSTANDING THE SCOPE OF WORK INVOLVED OR TO FULLY ACCOMPLISH THE SWITCHING SCHEME SHOWN ON THE CONTRACT DOCUMENTS.
5. PROVIDE 12 HOURS OF FACTORY COMMISSIONING AND 6 HOURS FACTORY TRAINING FOR THE OWNER'S BUILDING STAFF.
6. UL924 BYPASS DEVICES SHALL BE PROVIDED FOR ALL FIXTURES WITH AN EMERGENCY SOURCE OF POWER THAT IS SWITCHED. THE UL924 BYPASS SHALL PROVIDE BYPASS FOR BOTH THE POWER AND CONTROL SIGNAL, COMPLETE AS REQUIRED.
7. ALL LOW VOLTAGE CABLING SHALL BE PLENUM RATED. CABLING ROUTED IN CONCEALED AREAS SHALL BE ROUTED NEATLY EXPOSED WITHIN J-HOOKS. CABLING LOCATED IN EXPOSED CEILINGS SHALL BE CONCEALED IN NEATLY ROUTED CONDUIT. LOW VOLTAGE CABLING INSTALLATION SHALL FULLY MEET LOCAL CODE REQUIREMENTS.

EMERGENCY STANDBY GENERATOR WIRING SCHEMATIC

N.T.S.

NOTE:
PITCH ALL PIPING SLIGHTLY, TO ENCOURAGE CONDENSATION TO RUN AWAY FROM ENGINE.



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DRAWING
ELECTRICAL SCHEDULES

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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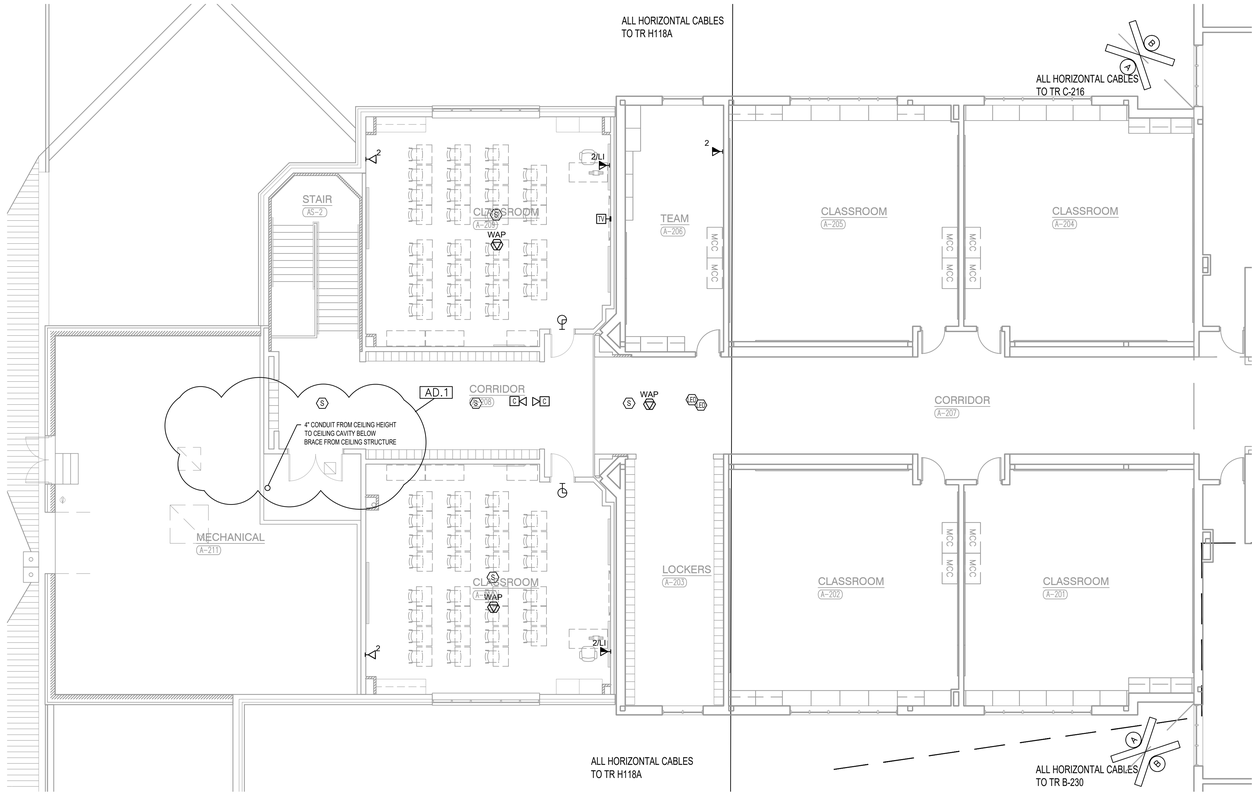
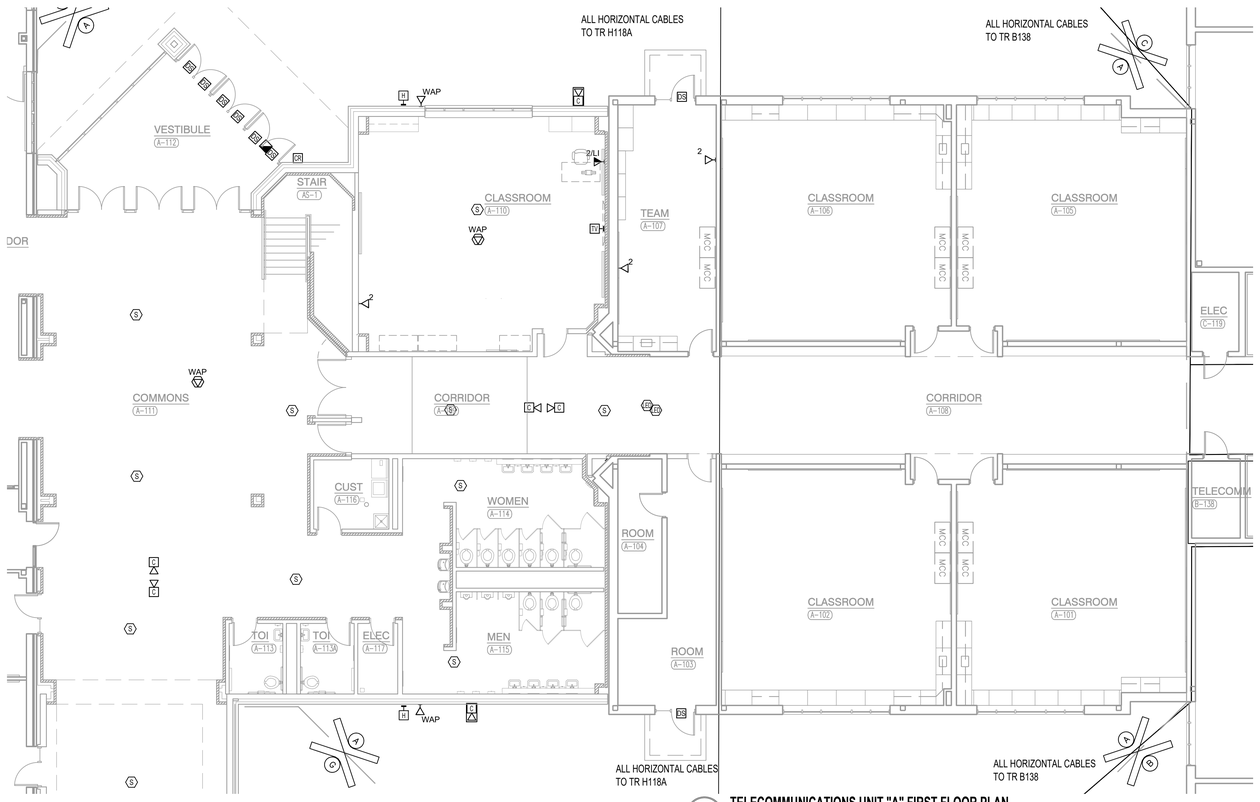


2 TELECOMMUNICATIONS UNIT "A" SECOND FLOOR PLAN

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



1 TELECOMMUNICATIONS UNIT "A" FIRST FLOOR PLAN

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

PLAN NOTES:

(ALL NOTES MAY NOT BE USED ON THIS SHEET.)

1. NEW TELECOMMUNICATION OUTLET(S) TO BE INSTALLED IN SURFACE RACEWAY WHERE REQUIRED.
2. EXISTING CARD READER, TO BE RE-INSTALLED IN NEW DOOR FRAME.
3. EXISTING SECURITY CAMERA(S), TO BE RE-INSTALLED IN NEW CEILING.
4. AUDIO AND DATA CABLE TO TRAVEL WITH BLEACHERS.
5. PROVIDE CONDUIT FOR SPEAKER CABLE. ROUTE FROM SPEAKER TO SOUND CABINET.
6. EXISTING INCOMING WAN FIBER.

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY BKS
DRAWN BY TKP
CHECKED BY BKS

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Brian K Scott
BICSI ID # 1140358
Expires 12-31-24
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DRAWING
TELECOMMUNICATIONS UNIT "A" FIRST / SECOND FLOOR PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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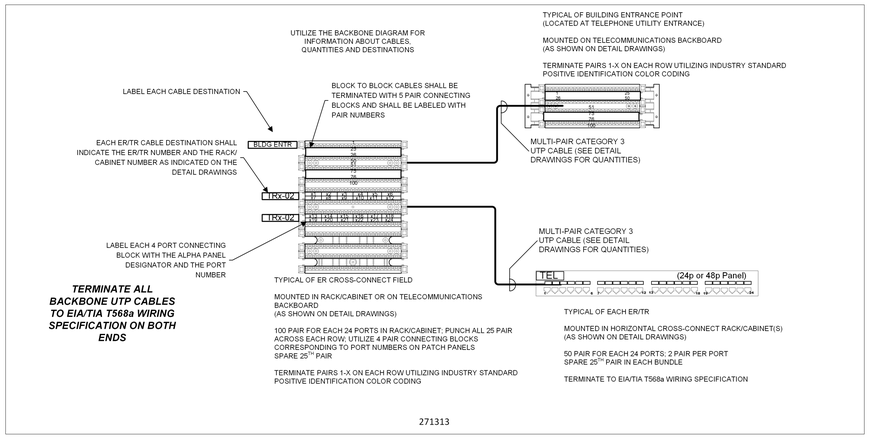
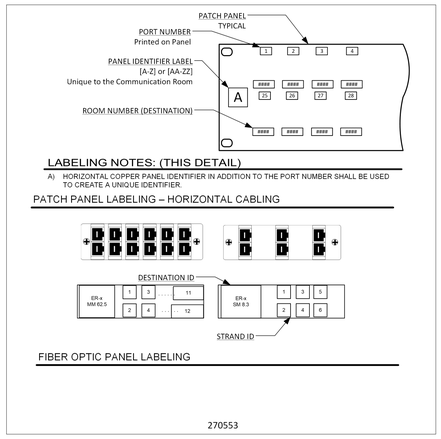
SHEET
A
T-101

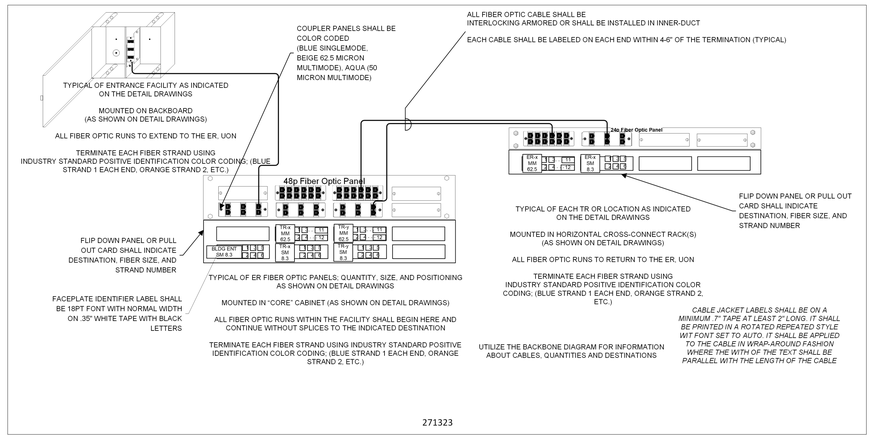
Monday, 3/28/2022 - 3:00 PM - LAST SAVED BY:TKPOO
D:\DROPBOX\CROWN_POINT_COMMUNITY_SCHOOLS\WHEELER_MIDDLE_SCHOOL-V2\BIDDING\A0-01\WHEELER T101 TELECOMMUNICATIONS UNIT A FIRST-SECOND FLOOR PLAN ADD 1.DWG



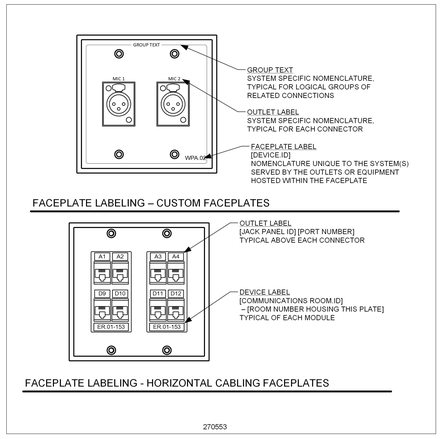
8 COPPER BACKBONE CABLES
NTS



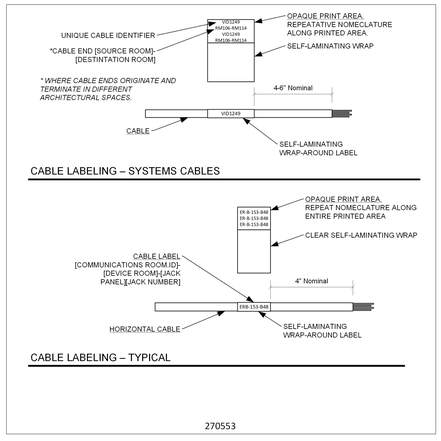
5 PANEL LABELING
NTS



7 FIBER OPTIC BACKBONE CABLES
NTS



4 FACEPLATE LABELING
NTS



3 CABLE END LABELS
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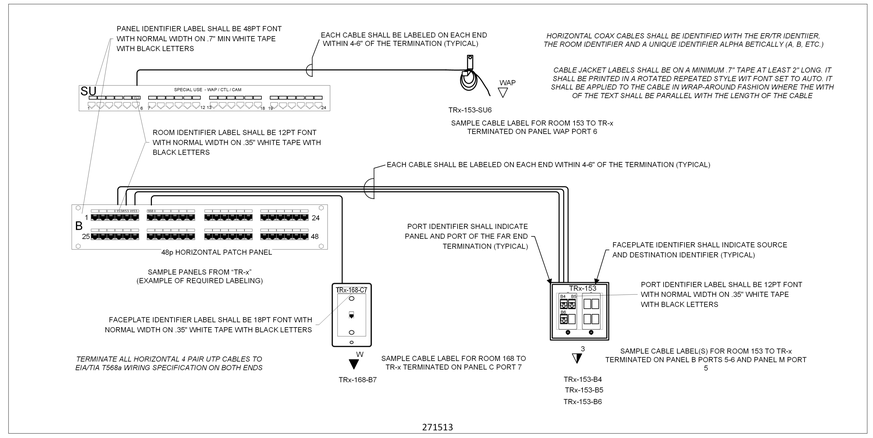

6 HORIZONTAL CABLES
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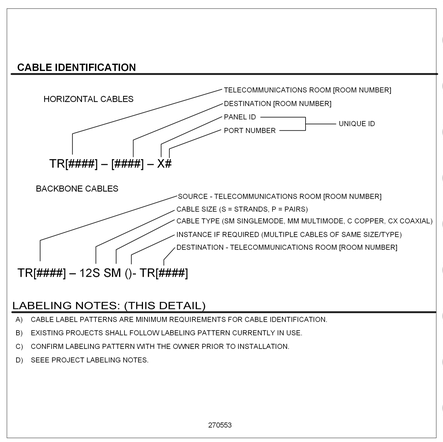


2 LABELING PATTERNS
NTS

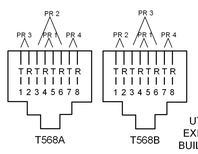
AD:01

CABLE AND TERMINATION SUMMARY (THIS PROJECT)

CABLE ID	DESCRIPTION	USE	CABLE	TERMINATION 1	TERMINATION 2	PATCH
1	4 PAIR UTP CATEGORY 6	HORIZ. DATA	BLUE	BLUE JACK	BLUE JACK	BLUE
2	4 PAIR UTP CATEGORY 6A	HORIZONTAL WAP	GREEN	GREEN JACK	GREEN JACK	GREEN
3	4 PAIR UTP CATEGORY 6	HORIZ. SEC CAMERA	PINK*	PINK JACK*	PINK JACK*	PINK*
4	4 PAIR UTP CATEGORY 6	HORIZ BAS/ACC CTRL	BLUE	WHITE JACK	WHITE JACK	BLACK
5	4 PAIR UTP CATEGORY 6	HORIZ TV/VIDEO	BLUE	YELLOW JACK	YELLOW JACK	GREEN
6	4 PAIR UTP CATEGORY 6	HORIZ. CLOCKS	BLUE	PURPLE JACK	PURPLE JACK	PURPLE
7	4 PAIR UTP CATEGORY 6	UTP FOR IP SPEAKERS	GRAY	GRAY JACK	GRAY JACK	GRAY
8	4 PAIR UTP CATEGORY 6 or	COPPER BACKBONE	BLACK	RED JACK	RED JACK	RED
9	SINGLEMODE ARMORED	FIBER OPTIC BACKBONE	YELLOW	LC CONN IN PANEL	LC CONN IN PANEL	YELLOW
10	50u MULTIMODE ARMORED	FIBER OPTIC BACKBONE	AQUA	LC CONN IN PANEL	LC CONN IN PANEL	AQUA
11	MULTI-PAIR COPPER	COPPER BACKBONE	GRAY	110 STYLE BLOCKS	BACKBONE PANEL	GRAY
12	62.5 MULTIMODE ARMORED	FIBER OPTIC BACKBONE	ORANGE	ST CONN IN PANEL	ST CONN IN PANEL	ORANGE

*Note: Orange is an Alternate

NOTES
A HORIZONTAL TERMINATION 1 IS ER/TR, TERMINATION 2 IS WORKSTATION
B BACKBONE TERMINATION IS IN ER (TERM1) AND TR (TERM 2)
C HORIZONTAL CABLES SHOWING JACKS AS TERM 1 SHALL REQUIRE CONFIGURABLE PANELS IN ER/TR
D CONFIGURABLE PANELS SHALL HAVE SEPARATE PANELS FOR WAP AS WELL AS SECURITY (CAM)
E TERM 1 SHOWN AS PANEL IS A PRE-WIRED PANEL; SEE RACK LAYOUT FOR SEPARATE PANEL REQUIREMENTS
ABBREVIATIONS: PNL = PANEL, HORIZ = HORIZONTAL, FP = FACEPLATE, CPLR = COUPLER, SEC = SECURITY, ACC CTRL = ACCESS CONTROL, BAS = BUILDING AUTOMATION
F



UTILIZE WIRING CONSISTANT WITH THE EXISTING CABLING TERMINATIONS IN THE BUILDING OR SIMILAR OWNER'S FACILITIES.

271513

1 COLOR AND TERMINATION CHART
NTS

LABELING NOTES: (THIS PROJECT)

A) CABLES SHALL HAVE A LABEL AFFIXED TO THE JACKET AT EACH END, 4 INCHES TO 6 INCHES FROM THE TERMINATION POINT. LABEL SHALL IDENTIFY THE SOURCE, DESTINATION, AND PORT IDENTIFIER. EXAMPLE: TR##-101-B6 WHERE AN OUTLET IN ROOM 101 IS CONNECTED TO A PANEL PORT B6 IN TR##.

B) THESE DETAILS DIAGRAMMATICALLY INDICATE PROJECT REQUIREMENTS FOR LABELING, COLOR-CODING, AND TERMINATIONS FOR THE PROJECT. USE THESE DETAILS AS A GUIDE, AND COMPLY WITH THE SPECIFICATIONS. SUBMIT ANY QUESTIONS IN WRITING, FOLLOWING THE PROCEDURES IDENTIFIED IN THE CONTRACT DOCUMENTS.

C) EACH TELECOMMUNICATIONS ROOM SHALL HAVE A UNIQUE IDENTIFIER CONSISTING OF 1] ROOM TYPE (ER, TR, EF, 2] UNIQUE 2 LETTER BUILDING CODE, (WHERE MULTIPLE BUILDINGS ARE INVOLVED), AND 3] FLOOR LOCATION. EXAMPLE: ER-XX-1 FOR THE MAIN EQUIPMENT ROOM ON THE FIRST FLOOR OF XX (BUILDING CODE), OR, TR-3129 FOR A TELECOMMUNICATIONS ROOM ON THE THIRTY FIRST FLOOR IN ROOM 3129 WHERE ROOM NUMBER INDICATED THE FLOOR. (ROOM NUMBER USED WHEN MULTIPLE ROOMS ARE REQUIRED ON A FLOOR.)

D) LABEL PANELS AS TO USE AND WITH UNIQUE IDENTIFIER AS SHOWN ON THE DETAILS AND DIAGRAMS. REFER TO THE DETAILS AND SPECIFICATIONS FOR ANY REQUIREMENTS REGARDING SEPARATE PATCH PANELS FOR HORIZONTAL DATA, VOICE (TELEPHONE), WIRELESS ACCESS POINTS (WAPS), CONTROL AND SECURITY.

E) COORDINATE FINAL ROOM DESIGNATIONS AND NUMBERS OR IDENTIFIERS WITH ARCHITECT AND OWNER PRIOR TO PERFORMING WORK. LABELING SHALL CONFORM TO OPERATIONAL ROOM IDENTIFIERS FOR BUILDING USE. IF ACTUAL ROOM NUMBER AND ARCHITECTURAL ROOM NUMBERS ARE DIFFERENT, BOTH SHALL BE INCLUDED ON AS-BUILT DRAWINGS.

F) CABLES SHALL BE TERMINATED IN ALPHA NUMERICAL ORDER ON EACH PATCH PANEL. AT WORKSTATION OR DEVICE LOCATIONS, CABLES SHALL BE SIMILARLY LABELED FOR TERMINATION IN ALPHA NUMERICAL ORDER ON EACH PATCH PANEL. FOR EXAMPLE, ADJACENT CABLES OR CABLES WITHIN THE SAME ROOM, INCLUDING WORKSTATION OR DEVICE LOCATIONS, SHALL BE TERMINATED ADJACENT AND ON THE SAME PATCH PANEL.

G) LABEL FACEPLATES WITH AN OUTLET IDENTIFIER AND LABEL EACH PORT; FOLLOW THE EXAMPLES IN THE DIAGRAM AS A GUIDE.

H) LABEL CROSS-CONNECT FIELDS, BACKBOARDS, RACKS/CABINETS, PANELS, FACEPLATES AND CABLES UTILIZING THE EXAMPLES IN THE DIAGRAM AS A GUIDE.

I) FIBER OPTIC PANELS SHALL BE IDENTIFIED WITH SOURCE, DESTINATION AND STRAND IDENTIFIERS, AS WELL AS THE CORE DIAMETERS.

J) SOLID TRIANGLES DENOTE VOICE (TELEPHONE) REQUIREMENTS. HOLLOW TRIANGLES DENOTE DATA REQUIREMENTS. HALF SOLID TRIANGLES DENOTE VOICE AND DATA REQUIREMENTS; UNLESS OTHERWISE NOTED (*). EACH HALF SOLID TRIANGLE SHALL RECEIVE ONE VOICE CABLE/JACK, AND THE REMAINDER SHALL BE DATA.

(*) NOTATIONS WILL BE SUBSCRIPTS TO THE SYMBOL: xV WHERE x IS THE QUANTITY OF VOICE CABLES AND xD WHERE x IS THE QUANTITY OF DATA CABLES. VOICE AND DATA CABLE REQUIREMENTS REFLECT INTENDED USE AND SHALL BE OF THE SAME GRADE AND CONSTRUCTION.

K) SEE CABLE AND TERMINATION SUMMARY CHART FOR COLOR CODING OF JACKS AND CABLES ON THE PROJECT.

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION, AND RELATED WORK

CROWN POINT
COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21–106
DATE 3/14/22
COORDINATED BY BKS
DRAWN BY TKP
CHECKED BY BKS

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Brian K Scott
BICSI ID # 114038
Expires 12-31-21

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REVISIONS

AD.01	3/28/22	ADDENDUM 01

DRAWING
TELECOMMUNICATIONS DETAILS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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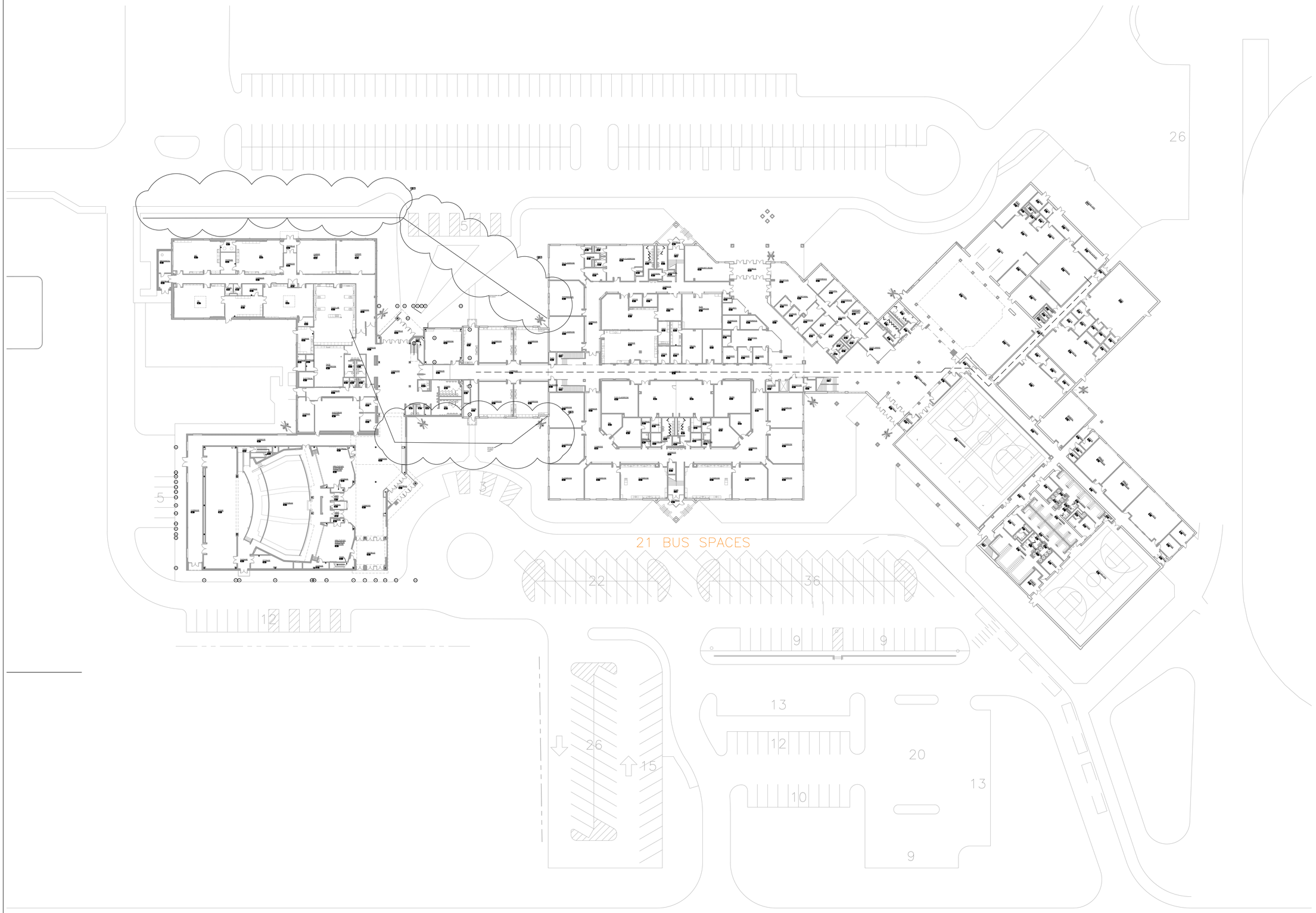

1 **TELECOMMUNICATIONS OVERALL SITE PLAN**
SCALE: 1/32" = 1'-0"

Monday, 3/28/2022 - 2:52 PM - LAST SAVED BY:TKPOO
D:\DROPBOX\CROWN_POINT_COMMUNITY_SCHOOLS\WHEELER_MIDDLE_SCHOOL-V2\BIDDING\A0-01\WHEELER TS-101_TELECOMMUNICATIONS OVERALL SITE PLAN ADD.01.DWG

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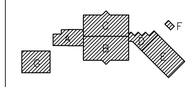
PROJECT

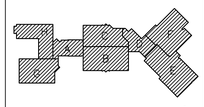
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

THIRD FLOOR KEY PLAN



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
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REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
Brian K Scott
BICSI ID # 1140358
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AD.01	3/28/22	ADDENDUM 1

DRAWING
TELECOMMUNICATIONS OVERALL SITE PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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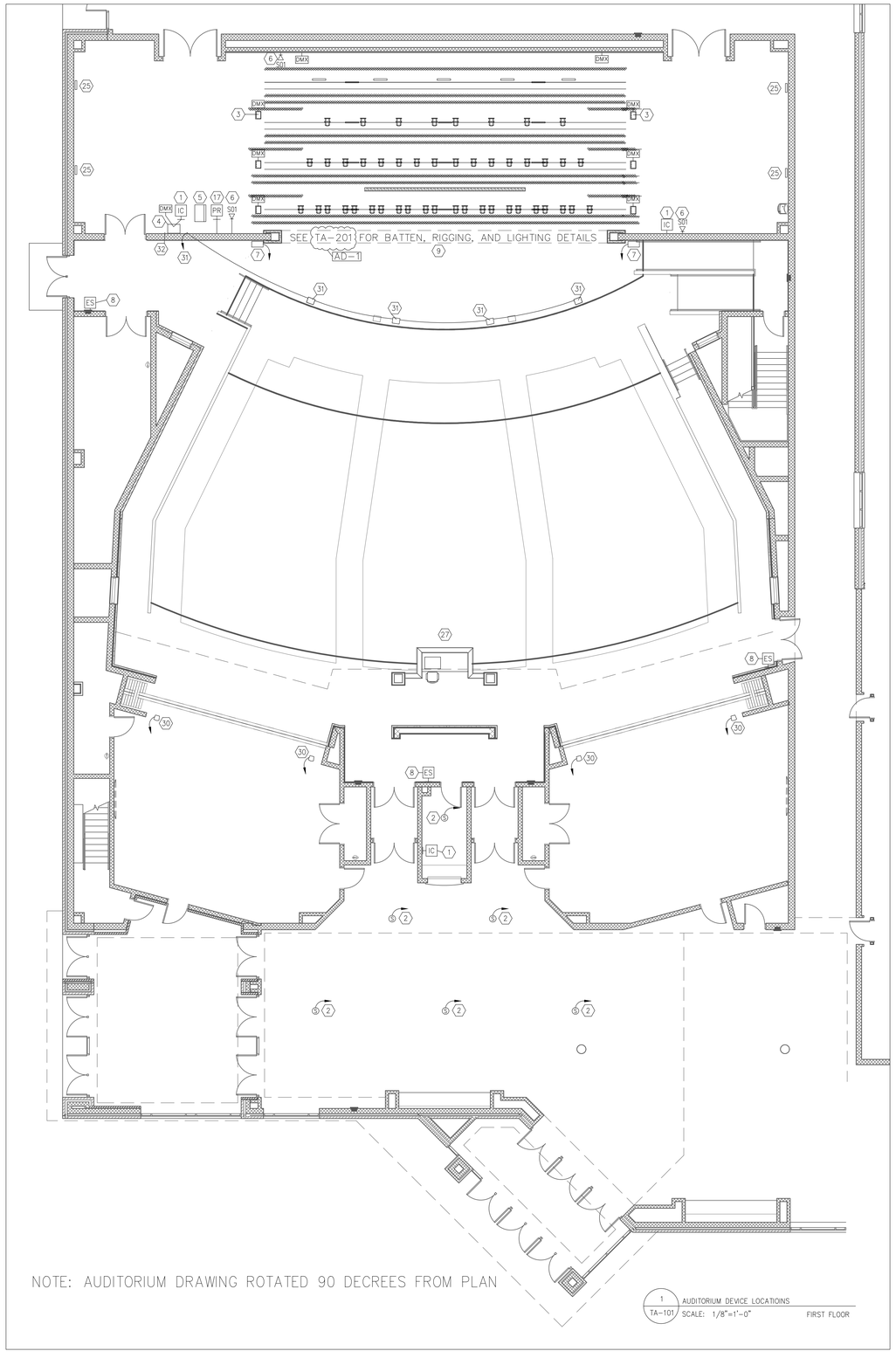

GENERAL

1. AVC = AUDIO VIDEO CONTRACTOR
2. EC = ELECTRICAL CONTRACTOR
3. LC = LIGHTING CONTRACTOR
4. SC = SOUND CONTRACTOR
5. EC SHALL FURNISH AND INSTALL ALL IN-WALL, IN FLOOR, AND SURFACE MOUNT CONDUIT, BOXES, AND ELECTRICAL WIRE
6. ALL CONDUIT TO BE MINIMUM 1" OTHERWISE NOTED.
7. EC SHALL PULL LOW VOLTAGE CABLE FURNISHED BY AVC, LC, AND SC.
8. EC SHALL FURNISH AND INSTALL BLANK PLATES ON ALL UN-USED BOXES.
9. AVC, LC, AND SC SHALL FURNISH LOW VOLTAGE WIRE AND CABLE TO EC WHO IN TURN SHALL PULL CABLE LEAVING 72" OF CABLE FOR RESPECTIVE LOW VOLTAGE CONTRACTOR TO TERMINATE.
10. AVC, LC, AND SC SHALL TERMINATE ALL LOW-VOLTAGE WIRE AND CABLE ON ALL LOW VOLTAGE TERMINALS AND CONNECTORS.

REFERENCED NOTES (X)

1. WALL INTERCOM STATION INSTALLED BY SC. SEE TA-204.
2. 8" FLUSH CEILING PROGRAM SPEAKER INSTALLED BY SC. ROUTE CABLE TO AUDIO RACK ROOM J-202.
3. FLOOR BOX WITH ONE CIRCUIT WITH TWO (2) 2P/G RECEPTACLE AND ONE DMX PORT INSTALLED AND WIRED BY EC. TYP OF 6.
4. STAGE MANAGER CONTROL RACK PANEL. SEE DETAIL TA-202(3). INSTALLED BY EC WITH COMPONENTS SUPPLIED BY LC AND SC. SC TO TERMINATE THEIR DEVICES.
5. STAGE MANAGER'S LECTERN WITH DIMMABLE LITTLITE LW-18-HI READING LIGHT.
6. EC TO INSTALL BOX AND CONDUIT AND PULL SC PROVIDED CABLE FROM SO1 LOCATION TO AUDIO CONTROL BOOTH. SEE DETAIL TA-101 AND TA-203(4). NOT A LAN PORT.
7. LINE ARRAY SPEAKER FURNISHED AND INSTALLED BY SC. ROUTE CABLE TO AUDIO CONTROL ROOM J-202 RACK AND TERMINATE. MOUNT AT 15' FROM TOP OF SPEAKER TO FRONT OF REFERENCE. COORDINATE WITH THEATER CONSULTANT. SEE DETAILS TA-203(5), A-504(1)(8), AND A-854(1)(2)
8. ENTRY STATION FOR LIGHTING SYSTEM. EC TO FURNISH AND INSTALL SINGLE-GANG BOX AND CONDUIT AND PULL CABLE FROM BOX TO LIGHTING EQUIPMENT ROOM J-204 RACK. SEE DETAILS TA-101 AND TA-201(5).
9. RIGGING FURNISHED AND INSTALLED BY RIGGING CONTRACTOR. DRAPERY FURNISHED AND INSTALLED BY TC. LIGHTING FURNISHED AND INSTALLED BY LC. SEE DETAIL TA-201(1)(2)(4)(6).
10. ETC COLORSOURCE SPOT FURNISHED, MOUNTED, AND AIMED BY LC. TYP. OF 18.
11. ETC SOURCE FOUR FRESNEL FURNISHED, MOUNTED, AND AIMED BY LC. TYP. OF 46.
12. ETC SELADOR VIVID-R SELVR42 42" CYC WASH. TYP OF FIVE.
13. SSRC H/L V SERIES CONNECTOR BOXES FURNISHED BY LC AND INSTALLED BY EC. SEE DETAIL TA-201(4)(6). TYP. OF 13.
14. CANTO 700MSR FOLLOW SPOT FURNISHED AND INSTALLED BY LC. EC TO FURNISH ONE (1) 120VAC/20A OUTLET IN BOX.
15. NEC 15,000 LUMEN LED PROJECTOR MOUNTED WITH APPROVED MOUNT ON PLATFORM IN FRONT OF J-202 WITH PROJECTION SCREEN FURNISHED AND INSTALLED BY SC
16. DRAPER PARAGON E ELECTRIC, 16:9, 160" X 284" PROJECTION SCREEN WITH TWO LOW-VOLTAGE LVC-4 REMOTE CONTROLS. PROJECTION SCREEN (114211) FURNISHED AND INSTALLED BY SC. DEAD-HUNG AT 18'-0".
17. NEW LOW-VOLTAGE CONTROL STATION DRAPER LVC-4 FOR NEW PROJECTION SCREEN. SEE TA-203(3). EC TO FURNISH AND INSTALL CONDUIT PATH AS REQUIRED. AVC TO FURNISH AND INSTALL CABLE, PLATE, AND CONTROL DEVICE. SEE TA-202(1)
18. PROJECTOR I/O PLATE. SEE TA-202(1)
19. ETC ELEMENT 2 LIGHTING CONSOLE WITH DUAL MONITORS.
25. SSRC LED WL-LED-500 WORKLIGHT MOUNTED TO WALL SEE DETAIL TA-201(3).
26. TANNOY VX-12Q WALL MOUNT SPEAKER. INSTALL AT 8'-0" AFF IN MUSIC CLASSROOMS. EC TO PROVIDE SG BOX AT 8'-0" WITH 1" CONDUIT STUBBED ABOVE CEILING.(FUTURE)
27. AUDIO CONTROL BOOTH. SEE TA-202(2)
28. MIDDLE ATLANTIC MA-ERK-2725-AV AMPLIFIER RACK FURNISHED AND INSTALLED BY SC. SEE DETAIL TH203(6).
29. MIDDLE ATLANTIC MAP DTRK-1418 WIRELESS RECEIVER RACK IN AUDIO CONTROL BOOTH.
30. TANNOY VX-12Q CEILING MOUNT SPEAKER FOR OVERFLOW AREAS.. MOUNT TO BULKHEAD. ROUTE CABLE TO J-202 FOR TERMINATION.
31. EC TO PROVIDE POCKET FOR LIP SPEAKER AND 1" CONDUIT FROM ONE RECESSED POCKET OPENING TO NEXT, THENCE TO BACK STAGE RIGHT QUAD BOX THENCE UP AND OVER HOUSE TO AUDIO RACK IN J-202. EC TO PULL AUDIO CABLE PROVIDED BY SC. SEE TA-203 (2).
32. ETC ELECTRIC HOIST CONTROL MOUNT AT 66"AFF. SEE TA-201(2) AND TA-202(3).

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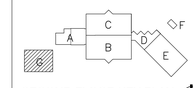
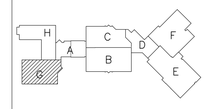
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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COORDINATED BY
DRAWN BY
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DRAWING
FIRST FLOOR PLAN
DEVICE LOCATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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TA-101

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