

## ADDENDUM TWO

Addendum Two (AD.02) to the drawings and specifications prepared by Gibraltar Design for Early Learning Center (ELC) and Alternative Learning Center (ALC) Additions and Renovations for Tippecanoe School Corporation, Lafayette, 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 Addendum One, and include the appropriate content of same within their bid proposal.

## **SPECIFICATIONS**

- 1. Specification Section 01 11 00 Administrative Provisions
  - A. Add two 8.5" x 11" contractor site usage maps included in this Addendum to the end of this Specification Section.
- 2. Specification Section 05 52 16 Aluminum Railings
  - A. Add Specification Section 05 52 16, included in this Addendum, to the project manual.
- 3. Specification Section 08 71 00
- Door Hardware Early Learning Center
- A. Paragraph 3.05 D, add the following text to hardware sets #6, #7, #8, #12, and #22.
  - 1. "Fire/Life Closers are to be tied directly to the fire alarm system, Director HORC and Secretary HORC stations."
- 4. Specification Section 08 71 00
- Door Hardware Alternative Learning Center
- A. Paragraph 3.05 D, add the following text to hardware sets #3, #4, #19, and #20.
  - "Fire/Life Closers are to be tied directly to the fire alarm system, Office A-106 HORC and Reception A-106 HORC stations."

Glazing

- 5. Specification Section 08 81 00
  - A. Add paragraph 2.2 D3f to read "f. Fire Rated glass as indicated on the drawings."
- 6. Specification Section 09 84 00
- **Acoustic Wall Panels**
- A. Revise paragraph 2.1 B2 to read "Thickness: 1.5 inches plus wood furring."
- 7. Specification Section 09 51 00
- **Acoustical Ceilings**
- A. Revise paragraph 2.2 D6 to read:
  - 6. Finish:
    - a. Grid finish: Sherwin Williams #9178 In the Navy
    - b. Ceiling tile finish: Ocean
- B. Add paragraph 2.2 D8 to read:
  - 1. "Act 3 applies to Alternative Learning Center only".
- C. Add paragraph 2.2 E to read:



- 1. "Act 4 Early Learning Center"
  - a. Size: 24 inches by 60 inches
  - b. Thickness: Minimum 5/8 inch
  - c. Pattern: Running Bond / Staggered
  - d. Location: As Indicated on Drawings
  - e. Accessories:
    - STAC Single Tee Adaptor Clip, as manufactured by Armstrong World Industries
    - 2) Optima Panel Stabilizer Clips, as manufactured by Armstrong World Industries
  - f. Composition: Mineral fiber board with mold and mildew resistant coating or formulation.
  - g. Weight:
    - 1) Non-Fire Rated: Minimum 0.60 pound per square foot.
  - h. Light Reflectance: Minimum 83 percent
  - i. NRC Range: Minimum 0.55.
  - j. CAC Range: Minimum 33 to 35.
  - k. Fire Hazard Classification: Flame spread 25 or less.
  - I. Edge: Square
  - m. Surface Color: White
  - n. Surface Finish: Washable
  - o. Product Name: Fine Fissured with HumiGuard Plus Performance (A); Fine Fissured with BioShield Option (C); Radar ClimaPlus.

#### 8. Specification Section 27 15 13

## **Communications Copper Horizontal Cabling**

- A. Revise paragraph 1.06 A 1. To read as follows:
  - "System shall meet or exceed the requirements for the Hubbell MISSION. CRITICAL System 25 year Warranty and shall include the 25 year Warranty. Contractor shall provide required System Warranty documentation at project close out."

#### 9. Specification Section 28 13 00

#### **Access and Control Systems**

- A. Add paragraph 1.04 D to read as follows:
  - "D. Approved Contractor:
  - 1. Mulhaupt's, Inc. Lafayette, Indiana (765) 423-2610."
- B. Revise paragraph 2.02 E.1. to read as follows:
  - 1. "1.Keyscan K-PROX3 Proximity Card Reader."

#### 10. Specification Section 28 13 02

### IP Video Surveillance Systems

- A. Revise paragraph 2.01 D.5 to read as follows:
  - 1. "5. Standard of quality shall be exacqVision Enterprise VMS server and client."
- B. Revise paragraph 2.01 D.14 to read as follows:



- 1. "14. exacqVision Z-Series with redundant power supplies and required storage based on Vendor Calculations."
- C. Revise paragraph 2.01 D.16 to read as follows:
  - 1. "16. Standard of quality shall be exacqVision Enterprise VMS server and client."
- D. Revise paragraph 1.10 A.1. a) 1) a to read as follows:
  - 1. "a) Hanwah XNV-6011"
- E. Revise paragraph 1.10 A.1. a. 2) a) to read as follows:
  - 1. "a) Hanwah XNV-6080R"

## 11. Specification Section 28 31 63 Fire Alarm and Detection System

- A. Revise paragraph 1.03 A. to read as follows:
  - "A. Provide new fire alarm system and devices as manufactured by Notifier NFS to accommodate fire alarm detection and notification coverage for the building renovations."
- B. Revise paragraph 2.10 A. to read as follows:
  - 1. "A. All Fire Alarm wiring shall be installed in conduit, no exceptions."
- C. Revise paragraph 2.03 A. to read as follows:
  - 1. "A. Provide new fire alarm control panel as manufactured by Notifier for a complete and operating system."

## **DRAWINGS**

## **Early Learning Center Drawings**

#### 12. Sheet G-301

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Partition Types 2: At partition Type D add partition type D2.

## 13. Sheets C-004, C-005 and C-006

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

#### 14. Sheets S-201, S-202 and S-404

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

#### 15. Sheet AD-101

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Demolition Plan Notes: Revise plan note "6" and add plan notes "34" and "35".
  - 2. Architectural First Floor Demolition Plan 1: In EA-110, revise demolition area for new footing and add note "6".
  - 3. Architectural First Floor Demolition Plan 1: In EA-104, add notes "35" and "36".

#### 16. Sheet A-101

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Architectural First Floor Plan 1: In Open Office A-118 and Conference A-119, add Wall Type "D2" along west wall.



#### 17. Sheet A-210

- E. Detail 11/A210 clarification:
  - This is a new, cast-iron roof drain assembly, and the term "raise" refers to adjusting
    the bowl above the receiver/mounting plate, which is to be set at roof deck level
    (after removal of existing lightweight concrete fill from location). The drain
    flange/clamping point will be set approximately 3.5" above the surface of the
    steel roof deck.

#### 18. Sheet A-401

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Wall Sections 1, 2, 3, and 4: Revise Fascia Detail.
  - 2. Fascia Detail 5: Add wood blocking.

#### 19. Sheet A-601

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Change thickness of Glass Types "C" and "D" to half inch ( $\frac{1}{2}$ ").
  - 2. Add 45-minute rating to A-117B, A-117C, and A-117D.
  - 3. Add 20-minute rating to A-124.
  - 4. Change Glass Type to "D" for A-130, A-131, A-133, A-135, A-136, A-138, A-140, A-141, A-143, A-144, and A-146.
  - 5. Add notes to A-139A.

#### 20. Sheets A-701 and A-730

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

#### 21. Sheet A-901

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 2. Ceiling Plan Key Notes: Add note "1".
  - 3. Ceiling Finish Key Notes: Add note "6".
  - 4. First Floor Reflected Ceiling Plan 1: Revise ceiling in Conference A-104 and Commons A-109.

## 22. Sheets MD101, MV101, PD102, P-201 and P-601

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

## 23. Sheets E-001, ED-101, EL-101, EP-101, EP-102, E-501, E-502 and E-601

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

#### 24. Sheets T-101 and T-102

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

2.



### **Alternative Learning Center Drawings**

#### 25. Sheet C-006

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

## **Alternative Learning Center Drawings**

#### 26. Sheet A-201

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Architectural Roof Plan 1: Add detail tag.
  - 2. Roof Detail 7: Add new roof detail 7.

#### 27. Sheet A-601

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Change thickness of Glass Types "C" and "D" to half inch (1/2").

#### 28. Sheet A-901

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Reflected Ceiling Plan 1: In Dining/Activity A-127, revise ceiling grid layout.
  - 2. Reflected Ceiling Plan (Alternate) 2: In Dining/Activity A-127 and Passage A-125, revise ceiling grid layout.

## 29. Sheets E-101, E-201, E-501, E-502 and E-601

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

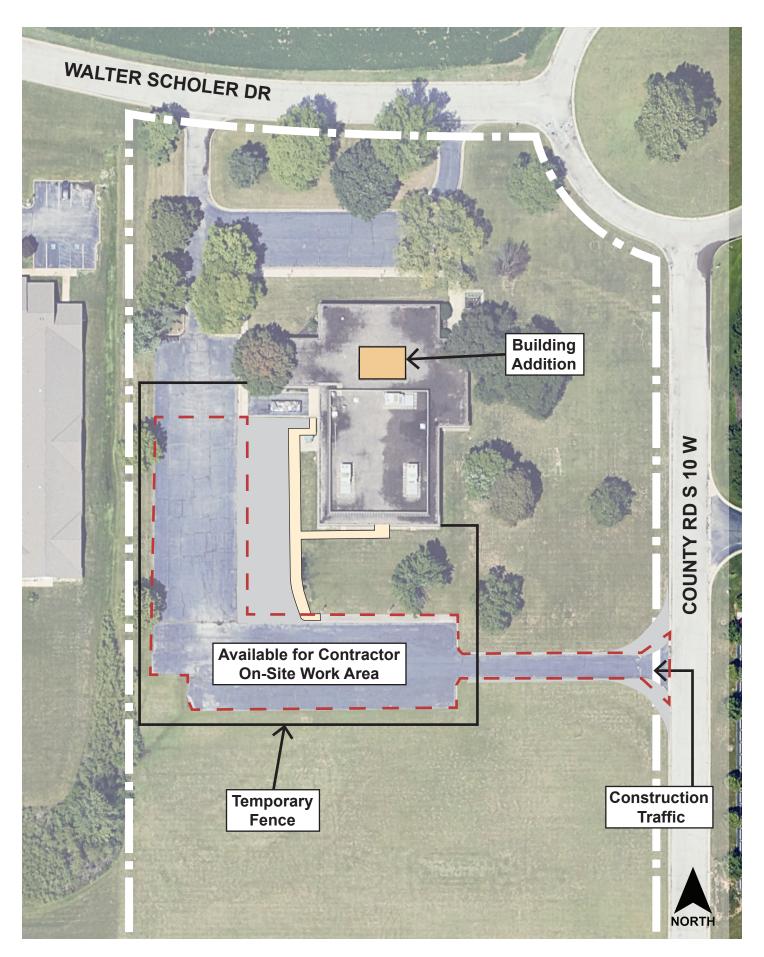
#### 30. Sheet T-101

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

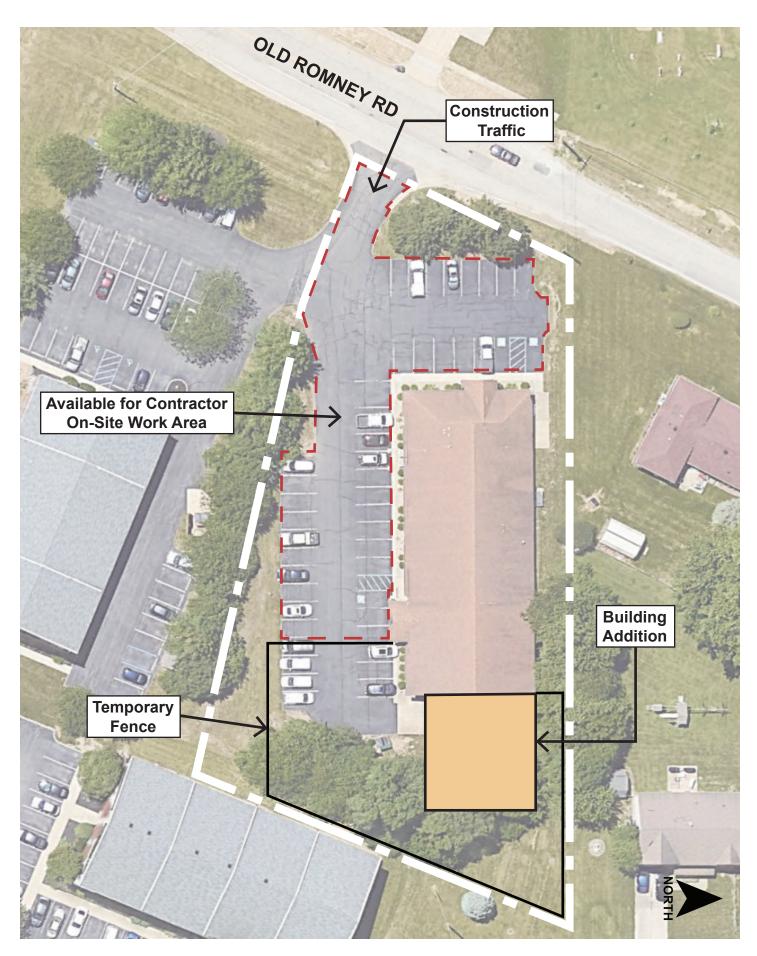
Pages 1 through 5, inclusive, Specification Sections 01 11 00, 05 52 16, and Thirty-nine (39) Full-Size Drawings, constitute the total makeup of **Addendum Two**.



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# SECTION 05 52 16 ALUMINUM LADDERS

## 1 General

#### 1.1 Section Includes

A. Aluminum ladders.

## 1.2 References

- A. ASTM A36 Structural Steel.
- B. ASTM B26 Aluminum Alloy Sand Castings.
- C. ASTM B209 Aluminum and Aluminum Alloy Sheet and Plate.
- D. ASTM B221 Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- E. ASTM B429 Aluminum Alloy Extruded Structural Pipe and Tube.

## 1.3 Submittals

- A. Shop Drawings:
  - 1. Submit shop drawings and product data under provisions of Division 1.
  - 2. Indicate component details, materials, finishes, connection and joining methods, and the relationship to adjoining work.
  - 3. Include drawings, elevations, and details where applicable.
  - 4. Furnish templates and instructions for setting attachments affecting work of other trades.
  - 5. Manufacturing of any materials or the performing of any work before approval of the shop drawings will be entirely at the risk of this Contractor.
- B. Samples: Submit samples of finishes under provisions of Division 1.

## 1.4 Delivery, Storage and Handling

A. Deliver, store and handle materials in accordance with manufacturer's written instructions and recommendations.

## 1.5 Project Conditions

A. Field Measurements: Verify actual locations of walls, stairs, and other construction contiguous with ladders by field measurements and indicate measurements on shop drawings.

ALUMINUM RAILINGS 05 52 16-1



## 2 Products

## 2.1 Exterior Aluminum Ladders

- A. Prefabricated Aluminum Ladders (Exterior Ladders)
  - 1. Ladders
    - a. Basis-of-Design: O'Keeffe's Inc., San Francisco, California 94124. Model as follows:
      - 1) Model #502 tubular rail low parapet access ladder with roof over rail extension.
    - b. Subject to compliance with requirements, provide either the named product or a comparable product by one of the following:
      - 1) ACL Industries, Inc., Manchester, New Hampshire.
      - 2) ALACO Ladder Co., Chino, California.
      - 3) Precision Ladders, LLC, Morristown, Tennessee.
    - c. Construction: Self-locking stainless steel fasteners; full penetration inert-gas heliarc welds; clean, smooth, and burr free surfaces.
    - d. Heavy-duty tubular side rails shall be assembled from two interlocking aluminum extrusions no less than .125-inch wall thickness by three inches, having a minimum sectional modulus of 89.
    - e. Rungs shall be no less than 1-1/4 inches in section and 18-3/8 inches long, formed from tubular aluminum extrusions, alloy 6063-T5, and shall be squared and deeply serrated on sides to provide maximum grip and foot traction. Rungs shall be able to withstand a 1000-pound loading without failure.
    - f. Support each ladder at top and bottom and not more than 60 inches O.C. with welded or bolted aluminum brackets.
    - g. Anchors and brackets to be stainless steel.
    - h. Provide miscellaneous framing, straping or blocking for support of ladder brackets. Provide crush sleeves or blocking as required not to damage finish wall construction.
    - i. Ladders shall comply with OSHA, State, and local safety codes.

## 2.2 Finishes

- A. Interior and/or Exterior Aluminum:
  - 1. AAMA 611, AA-M32C22A41, clear anodized.

ALUMINUM RAILINGS 05 52 16-2



B. Exposed Fasteners: Stainless Steel.

## 3 Execution

## 3.1 Preparation

- A. Consult with contractors of adjoining work to properly work out all details.
- B. Obtain Architect's approval prior to site cutting or making adjustments not scheduled.

## 3.2 Installation

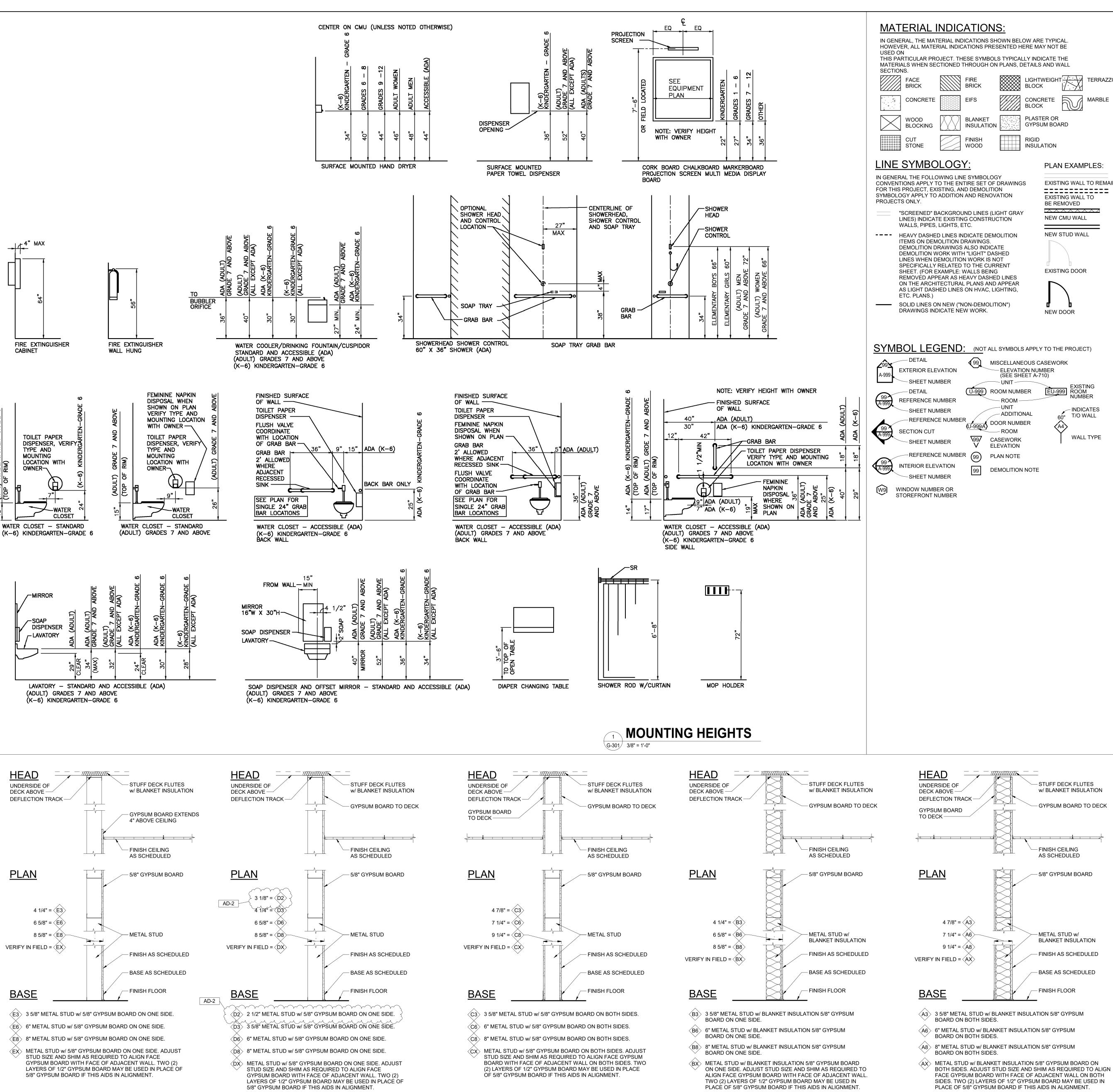
A. Fastening to In-Place Construction: Use anchorage devices and fasteners where necessary for securing railings and for properly transferring loads to inplace construction.

## 3.3 Attaching to Walls

- A. Attach Ladder to walls with wall brackets. Provide brackets with clearance from inside face of ladder and finished wall surface, per manufacturers recommendations.
- B. Locate brackets as indicated or, if not indicated, at spacing required to support structural loads.
- C. Secure wall brackets to building construction as follows:
  - 1. For solid masonry anchorage, use drilled-in expansion shields and hanger or lag bolts.
- D. For hollow masonry anchorage, use toggle bolts.

## **END OF SECTION**

ALUMINUM RAILINGS 05 52 16-3



**MATERIAL INDICATIONS:** IN GENERAL, THE MATERIAL INDICATIONS SHOWN BELOW ARE TYPICAL. HOWEVER, ALL MATERIAL INDICATIONS PRESENTED HERE MAY NOT BE THIS PARTICULAR PROJECT. THESE SYMBOLS TYPICALLY INDICATE THE MATERIALS WHEN SECTIONED THROUGH ON PLANS, DETAILS AND WALL LIGHTWEIGHT / TERRAZZO BLOCK CONCRETE MARBLE BLOCK GYPSUM BOARD INSULATION INSULATION **LINE SYMBOLOGY** PLAN EXAMPLES: IN GENERAL THE FOLLOWING LINE SYMBOLOGY EXISTING WALL TO REMAIN CONVENTIONS APPLY TO THE ENTIRE SET OF DRAWINGS \_\_\_\_\_ FOR THIS PROJECT, EXISTING, AND DEMOLITION SYMBOLOGY APPLY TO ADDITION AND RENOVATION EXISTING WALL TO BE REMOVED "SCREENED" BACKGROUND LINES (LIGHT GRAY **NEW CMU WALL** LINES) INDICATE EXISTING CONSTRUCTION WALLS, PIPES, LIGHTS, ETC. NEW STUD WALL ---- HEAVY DASHED LINES INDICATE DEMOLITION ITEMS ON DEMOLITION DRAWINGS. DEMOLITION DRAWINGS ALSO INDICATE DEMOLITION WORK WITH "LIGHT" DASHED LINES WHEN DEMOLITION WORK IS NOT SPECIFICALLY RELATED TO THE CURRENT **EXISTING DOOR** SHEET. (FOR EXAMPLE: WALLS BEING REMOVED APPEAR AS HEAVY DASHED LINES ON THE ARCHITECTURAL PLANS AND APPEAR AS LIGHT DASHED LINES ON HVAC, LIGHTING, SOLID LINES ON NEW ("NON-DEMOLITION") DRAWINGS INDICATE NEW WORK. **NEW DOOR** SYMBOL LEGEND: (NOT ALL SYMBOLS APPLY TO THE PROJECT) MISCELLANEOUS CASEWORK — ELEVATION NUMBER (SEE SHEET A-710) Ú-999 ROOM NUMBER - ROOM --UNIT - ADDITIONAL T/O WALL U-999A DOOR NUMBER - ROOM WALL TYPE CASEWORK **ELEVATION** REFERENCE NUMBER (99) PLAN NOTE DEMOLITION NOTE

**GENERAL PROJECT NOTES:** 

(APPLY TO ENTIRE DRAWING SET) A. ALL CONTRACTORS SHALL CHECK ENTIRE SET OF CONTRACT DOCUMENTS FOR

THE EXTENT OF WORK. B. EACH TRADE SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT

CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING . EACH TRADE SHALL COORDINATE WITH THE APPROPRIATE CONTRACTOR(S) AND

VERIFY SIZE AND LOCATION OF ALL RECESSES, CHASES, PADS, AND OPENINGS REQUIRED FOR MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT. D. EACH TRADE SHALL COORDINATE WITH THE APPROPRIATE CONTRACTOR(S) AND

VERIFY LOCATION, HEIGHT, AND DEPTH OF BULKHEADS PRIOR TO BULKHEAD E. THE BOTTOM OF ALL CONVECTOR FAN COIL, AND UNIT HEATER RECESSES SHALL BE INSTALLED A MINIMUM OF 6" AND A MAXIMUM OF 12" ABOVE FLOOR LINE. PLACE

APPROPRIATE CONTRACTOR(S). F. FLOOR ELEVATIONS, GRADES, DIMENSIONS, CLEARANCES, AND CONDITIONS OF EXISTING CONSTRUCTION INDICATED ON THESE DRAWINGS SHALL BE FIELD VERIFIED BY ALL CONTRACTOR(S). REPORT CONFLICTS OR DISCREPANCIES TO THE

MASONRY LINTELS AT UNCUT COURSING HEIGHT. COORDINATE OPENINGS WITH

G. ALL ITEMS OF EQUIPMENT OR MATERIALS NOT MARKED OR INDICATED AS EXISTING ARE NEW AND SHALL BE FURNISHED BY THE APPROPRIATE CONTRACTOR.

ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.

H. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING INDICATED ON THE ARCHITECTURAL DRAWINGS RELATED TO INSTALLATION OR REMOVAL OF WORK OF THE MECHANICAL AND ELECTRICAL TRADES. ALL REQUIRED CUTTING MAY NOT BE SHOWN. ANY ADDITIONAL CUTTING AND PATCHING REQUIRED, WHICH IS NOT INDICATED ON THE ARCHITECTURAL DRAWINGS, SHALL BE THE RESPONSIBILITY OF THE TRADE REQUIRING THE ACCESS, AS PROVIDED FOR IN THE SPECIFICATIONS.

I. DO NOT SCALE DRAWINGS UNLESS DIRECTED OTHERWISE. REFER DIMENSION QUESTIONS TO ARCHITECT FOR INTERPRETATION.

J. CONTRACTORS ENCOUNTERING EXISTING MATERIAL, WHICH IS SUSPECTED OF CONTAINING ASBESTOS. SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND CONSTRUCTION MANAGER.

K. PLUMBING AND ELECTRICAL ITEMS (SUCH AS SINKS, TOILETS, PANELS, ETC.) MAY APPEAR "DASHED" FOR DEMOLITION ON SEVERAL DRAWINGS INCLUDING ARCHITECTURAL SHEETS. REMOVAL OF THESE ITEMS SHALL BE BY THE APPROPRIATE TRADES.

L. ALL ITEMS NOTED FOR REMOVAL SHALL BE REMOVED COMPLETELY, INCLUDING ENTIRE SYSTEMS OF SUSPENSION, ANCHORS, CLIPS, AND ADHESIVES, ETC. RELATED TO THAT ITEM. REMOVAL SHALL BE PERFORMED CAREFULLY TO MINIMIZE DAMAGE, PARTICULARLY ITEMS TO BE SALVAGED FOR REUSE OR RETURNED TO THE OWNER.

## **ARCHITECTURAL ABBREVIATIONS:**

THE ARCHITECTURAL ABBREVIATIONS LISTED BELOW ARE TYPICAL. HOWEVER ALL ABBREVIATIONS PRESENTED HERE HAVE NOT BEEN USED ON THIS PARTICULAR PROJECT. SEE ROOM FINISH SCHEDULE LEGENDS FOR ADDITIONAL ABBREVIATIONS USED ONLY ON THE ROOM FINISH SCHEDULE.



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25-147 DATE 07/09/2025 COORDINATED BY

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**CONSTRUCTION DOCUMENTS** 

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

**EARLY** 

**LEARNING** 

**ADDITION AND** 

Tippecanoe School Corporation

111 Walter Scholer Dr, Lafayette, IN

RENOVATION

**CENTER** 

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RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT. REVISIONS

GWT

MARK DATE ISSUED FOR )-1 07/23/25 ADDENDUM #1

AD-2 07/30/25 ADDENDUM #2

DEFLECTION. REFER TO PROJECT MANUAL.

9. ALL WALLS THAT ARE NOT INDICATED TO EXTEND TO THE UNDERSIDE OF DECK ABOVE SHELL EXTEND TO 4" MINIMUM

3. ALL METAL STUD AND GYPSUM BOARD WALLS ARE TYPE('A6' ('B6')'AT COLUMN ENCLOSURES) UNLESS NOTED OTHERWISE.

PROVIDE MOLD/MOISTURE RESISTANT GYPSUM BOARD ON WALLS WITH OPERABLE PLUMBING FIXTURES AND WITHIN 4

8. ALL INTERIOR MASONRY WALLS THAT RUN TO THE UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS AND MINERAL WOOL AT NON-RATED WALLS TO ALLOW FOR

ABOVE FINISHED CEILING UNLESS NOTED OTHERWISE.

AD-1 1. REFER TO LIFE SAFETY PLANS FOR RATED WALL LOCATIONS THAT EXTEND TO DECK ABOVE.

4. PARTITION SYMBOLS APPEAR ON LARGEST SCALE FLOOR PLAN PROVIDED FOR AREA

FEET OF DRINKING FOUNTAINS/WATER COOLERS UNLESS NOTED OTHERWISE.

REFER TO FINISH PLANS FOR WALL FINISH AND BASE INFORMATION

6. REFER TO WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION

REINFORCED PANEL

WALL PARTITION NOTES

FWC FABRIC WALL

NOT USED.

STUFF DECK FLUTES

w/ BLANKET INSULATION

- GYPSUM BOARD TO DECK

FINISH CEILING

AS SCHEDULED

- METAL STUD w/

BLANKET INSULATION

FINISH AS SCHEDULED

BASE AS SCHEDULED

- 5/8" GYPSUM BOARD

10. PROVIDE LATERAL BRACING FOR PARTITIONS WHICH EXTEND ABOVE CEILING 11. PROVIDE SPECIFIED TILE BACKER BOARD AT ALL WALLS SCHEDULED TO RECEIVE CERAMIC OR PORCELAIN TILE.

COMMONS, AND PASSAGES INDICATED TO RECEIVE GYPSUM BOARD. AT WALLS TO RECEIVE WALL COVERING PER FINISH PLANS DISREGARD ABUSE RESISTANT GYPSUM REQUIREMENT AND PROVIDE STANDARD GYPSUM BOARD.

13. REFER TO STRUCTURAL DRAWINGS FOR BOND BEAMS AND VERTICAL REINFORCING AT MASONRY WALLS, UNLESS NOTED

14. STEEL STUD FRAMING SHALL BE ATTACHED/BRACED TO STRUCTURAL FRAMING AND NOT TO ROOF DECK, UNLESS NOTED

15. ISOLATE NON-LOAD-BEARING STUD FRAMING FROM BUILDING STRUCTURE TO PREVENT TRANSFER OF VERTICAL LOADS

WHILE PROVIDING LATERAL SUPPORT AS SPECIFIED.

16. PACK DECK FLUTE VOIDS AT NON-RATED WALLS WITH MINERAL WOOL. FILL DECK FLUTE VOIDS AT RATED WALLS WITH FIRESTOPPING. REFER TO PROJECT MANUAL.

17. PROVIDE FIRE RESISTIVE RATED GYPSUM WALL BOARD AT ALL RATED ASSEMBLIES TO MEET ASSEMBLY REQUIREMENTS.

18. PROVIDE FIRE RESISTIVE JOINT SYSTEMS EQUAL TO WALL RATING AT ALL PENETRATIONS AND AT HEAD/FLOOR

INTERSECTIONS WITH RATED ASSEMBLIES.

19. PROVIDE ACOUSTICAL INSULATION AT INTERIOR WALLS NOTED TO RECEIVE BLANKET INSULATION. 20. PROVIDE ACOUSTICAL SEALANT AT WALL SILL, HEAD, PENETRATIONS, AND ADDITIONAL SPECIFIED SOUND ATTENUATION

21. STUD SPACING 16" O.C. UNLESS NOTED OTHERWISE

COMPONENTS AT SOUND RATED WALLS.

22. REFER TO EXISTING BUILDING SECTIONS AND WALL SECTIONS FOR BOTTOM OF ROOF DECK HEIGHT ABOVE FINISH FLOOR.

23. PROVIDE CONTROL JOINTS AS INDICATED IN SPECIFICATIONS 24. WHERE METAL STUD WALLS ARE ADJACENT (WITHIN 4") OF CMU WALLS, THEY MAY BE ANCHORED TO ADJACENT CMU IN

LIEU OF EXTENDING TO UNDERSIDE OF DECK, UNLESS NOTED OTHERWISE.

25. FOR NEW OPENINGS IN EXISTING MASONRY WALLS REFER TO STRUCTURAL DRAWINGS FOR LINTEL REQUIREMENTS.

MOUNTING HEIGHTS, ABBREVIATIONS, SYMBOLS AND PARTITION TYPES

EARLY LEARNING CENTER ADDITION AND RENOVATION

© GIBRALTAR DESIGN SHEET

G-301

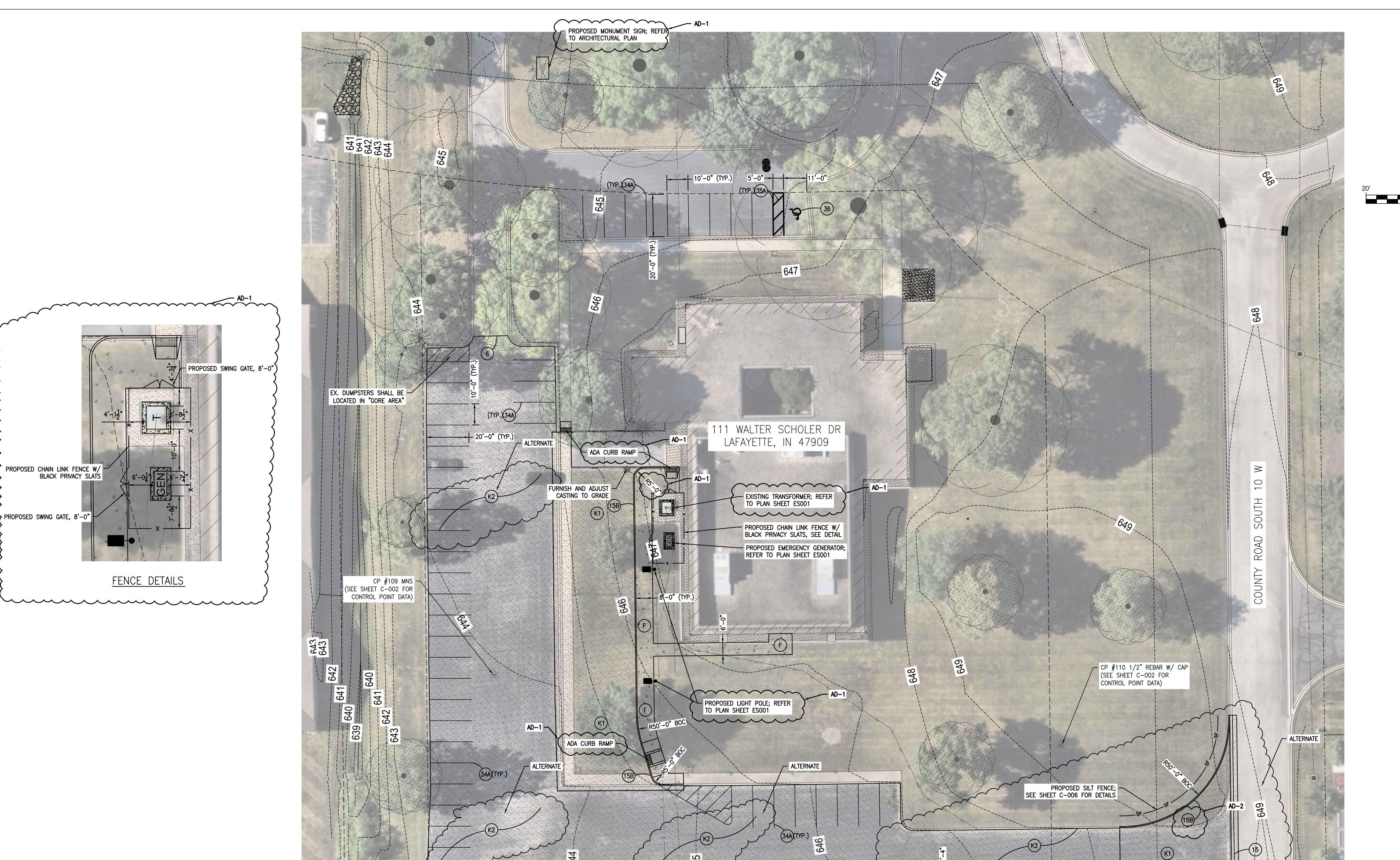
PARTITION TYPE "E"

PARTITION TYPE "C" **PARTITION TYPES** 

PARTITION TYPE "D"

**PARTITION TYPE "B"** 

PARTITION TYPE "A"





1" = 20'-0"

# EARLY LEARNING CENTER **ADDITION AND** RENOVATION

Tippecanoe School Corporation

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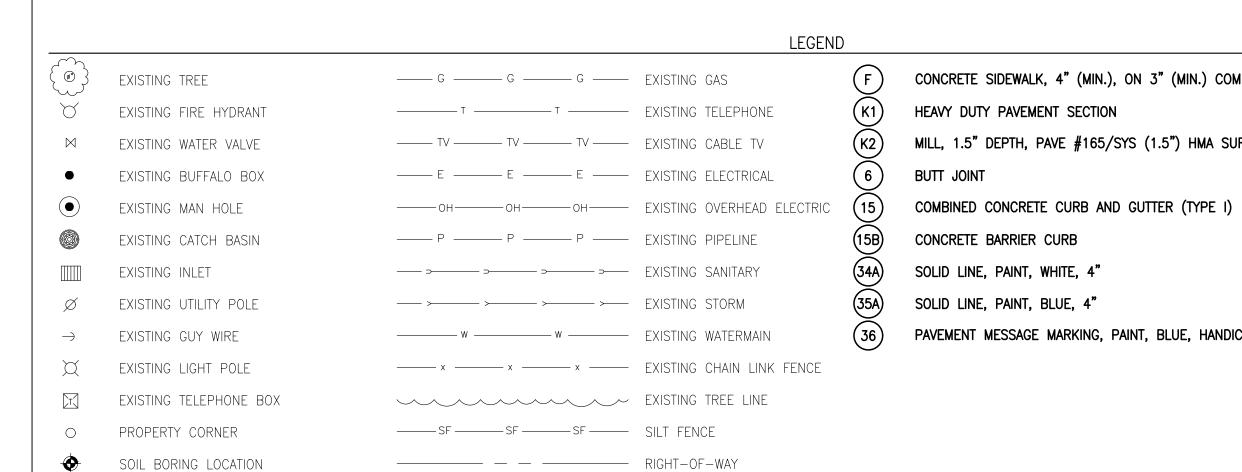
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AD-1	7/23/25		
AD-2	7/23/25 7/30/25		
	, ,		

PROPOSED SITE PLAN

EARLY LEARNING CENTER ADDITION AND RENOVATION

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C-004



———————— EASEMENT

♠ CONTROL POINT

PROPOSED CHAIN LINK FENCE W/
BLACK PRIVACY SLATS

FENCE DETAILS

F CONCRETE SIDEWALK, 4" (MIN.), ON 3" (MIN.) COMPACTED #53 AGGREGATE

(K1) HEAVY DUTY PAVEMENT SECTION (K2) MILL, 1.5" DEPTH, PAVE #165/SYS (1.5") HMA SURFACE, 9.5mm

BUTT JOINT

CONCRETE BARRIER CURB SOLID LINE, PAINT, WHITE, 4"

(35A) SOLID LINE, PAINT, BLUE, 4" PAVEMENT MESSAGE MARKING, PAINT, BLUE, HANDICAP SYMBOL

# CONSTRUCTION NOTES:

- 1. CONTRACTOR SHALL MATCH COMBINED CONCRETE CURB AND GUTTER WIDTH.
- 2. PLACE TACK COAT IN ACCORDANCE WITH THE MOST RECENT INDOT STANDARD SPECIFICATION FOR ASPHALT PAVEMENT

PROPOSED SILT FENCE; SEE SHEET C-006 FOR DETAILS

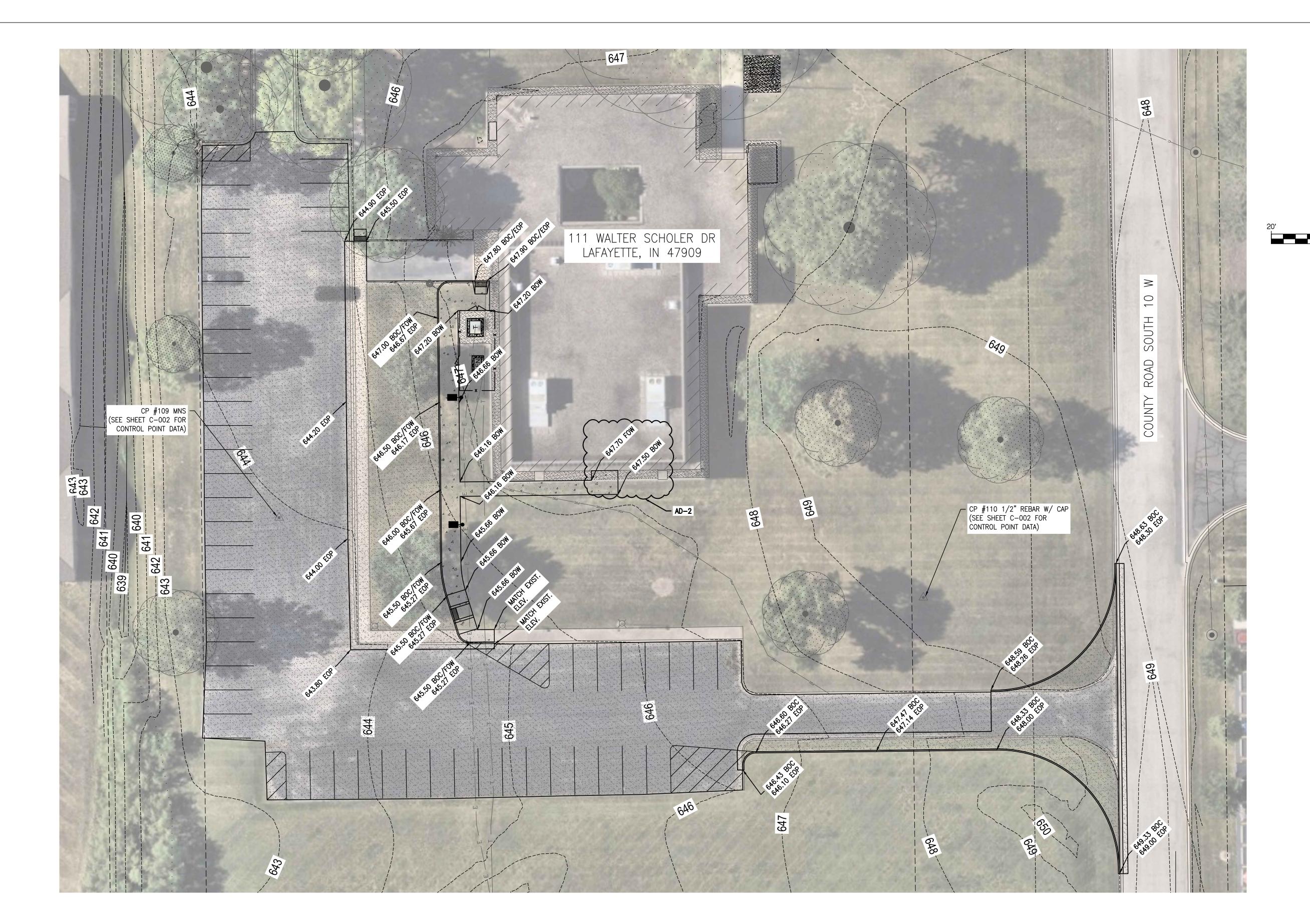
- 3. ALL DEBRIS TO BE REMOVED PRIOR TO PLACEMENT OF TOPSOIL.
- 4. TOPSOIL TO BE LIGHTLY COMPACTED PRIOR TO PLACEMENT OF MULCHED SEEDING, TYPE U.

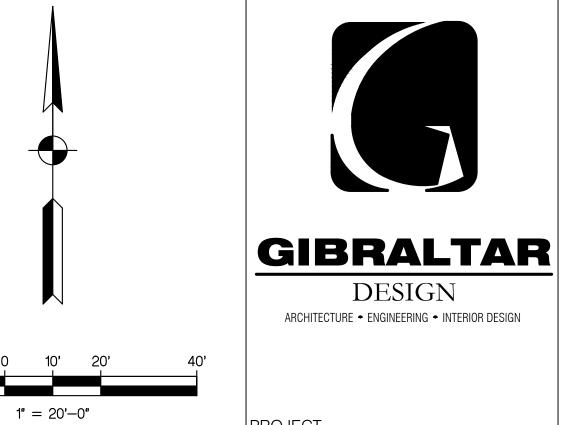
# AD-1 REVISIONS (7/23/25):

- 1. REVISED NOTE TO REFER TO ARCHITECTURAL PLANS FOR PROPOSED MONUMENT SIGN.
- 2. REVISED CURB RADIUS TO 5'-0".
- 3. ADDED ADA CURB RAMPS.
- 4. MOVED LIGHT POLES
- 5. REVISED FENCE AND ADDED DETAIL

# AD-2 REVISIONS (7/30/25):

1. REVISED CURB TAGS





PROJECT

# EARLY LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

111 Walter Scholer Dr, Lafayette, IN 47909

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25-147
DATE
07/09/25 COORDINATED BY CDM

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REVIS	IONS	
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AD-2	7/30/25	

PROPOSED GRADING

PROJECT
EARLY LEARNING CENTER
ADDITION AND RENOVATION

C-005

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AD-2 REVISIONS (7/30/25): 1. REVISED SIDEWALK ELEVATIONS

		LEGEND	
		LEGEND	
$\{\emptyset\}$	EXISTING TREE	G G G	EXISTING GAS
$\forall$	EXISTING FIRE HYDRANT	тт	EXISTING TELEPHONE
$\bowtie$	EXISTING WATER VALVE	TV TV TV	EXISTING CABLE TV
•	EXISTING BUFFALO BOX	—— E ——— E ———	EXISTING ELECTRICAL
lacksquare	EXISTING MAN HOLE	OHOH	EXISTING OVERHEAD ELECTRIC
	EXISTING CATCH BASIN	PPP	EXISTING PIPELINE
	EXISTING INLET	> > > >	EXISTING SANITARY
Ø	EXISTING UTILITY POLE		EXISTING STORM
$\rightarrow$	EXISTING GUY WIRE	W W	EXISTING WATERMAIN
X	EXISTING LIGHT POLE	xxx	EXISTING CHAIN LINK FENCE
Т	EXISTING TELEPHONE BOX		EXISTING TREE LINE
0	PROPERTY CORNER	SFSFSF	SILT FENCE
<b>*</b>	SOIL BORING LOCATION		RIGHT-OF-WAY
<u> </u>	CONTROL POINT		EASEMENT

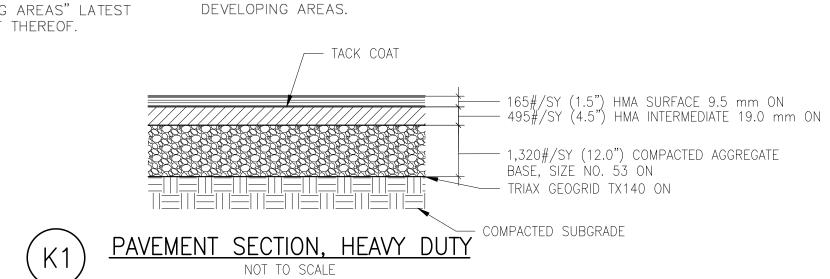
## **EROSION CONTROL NOTES:**

IN DEVELOPING AREAS.

- 1. CONTRACTOR SHALL INSTALL ALL REQUIRED SILT FENCES, SILT TRAPS, TREE PROTECTION AND INLET PROTECTION FOR EXISTING INLETS PRIOR TO THE START OF ANY EARTH MOVING OR STRIPPING.
- 2. CONTRACTOR SHALL INSTALL A GRAVEL CONSTRUCTION ENTRANCE OR SOME OTHER DEVICE PRIOR TO THE START OF EARTHWORK AS NECESSARY TO PREVENT SOIL FROM BEING TRACKED OR WASHED INTO EXISTING ROADWAYS.
- 3. LAND ALTERATIONS WHICH STRIP THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED. AS GRADING IS DONE, INSTALL SILT TRAPS, SILT FENCES, SLOPE DRAINS, TEMPORARY DIVERSIONS AND OTHER RUNOFF CONTROL MEASURES AT APPROPRIATE LOCATIONS TO KEEP SEDIMENT CONTAINED ON SITE.
- 4. ALL DISTURBED AREAS SHALL BE SEEDED AND STRAW MULCHED AS SHOWN ON THE PLANS IMMEDIATELY AFTER COMPLETION OF GROUND DISTURBING ACTIVITY, FOR EACH PHASE AS THE DIFFERENT PHASES OF THE SITE ARE CONSTRUCTED.
- 5. PERMANENT AND FINAL VEGETATION OR STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED AS SOON AS PRACTICAL.
- 6. THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM DEPENDING UPON THE WEATHER. IF CONSTRUCTION ACTIVITY IS TO CEASE FOR MORE THAN TWO WEEKS, THE DISTURBED AREAS SHALL BE
- 7. ALL STORM SEWER INLET PROTECTION DEVICES SHALL BE PUT IN PLACE AT THE TIME EACH INLET IS CONSTRUCTED.
- 8. CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AND DEVICES DURING CONSTRUCTION AND UNTIL SILTATION OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR.
- 9. ONCE ON-SITE EROSION AND SILTATION OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE TEMPORARY EROSION CONTROL DEVICES.
- 10. THESE GENERAL PROCEDURES MAY NOT COVER ALL SITUATIONS. REFER TO EROSION CONTROL PLANS FOR SPECIFIC NOTES AND ADDITIONAL DETAILS.
- 11. EROSION CONTROL SHALL COMPLY WITH INDIANA 327 IAC AND RULE #5, AND INDIANA HANDBOOK FOR EROSION CONTROL
- 12. THE CITY ENGINEER HAS THE AUTHORITY TO REQUEST ADDITIONAL EROSION CONTROL MEASURES OR AMEND EROSION CONTROL PLANS SUBJECT TO ACTUAL SITE CONDITIONS.
- 13. THE CONTRACTOR MAY SUBSTITUTE DIFFERENT EROSION CONTROL DEVICES FOR THOSE SHOWN ON THE DRAWINGS SO

LONG AS THE SUBSTITUTED DEVICES PERFORMS AS REQUIRED BY INDIANA 327 IAC AND "RULE 5".

14. THE CONTRACTOR IS TO INSTALL, MONITOR AND MAINTAIN ALL REQUIRED EROSION CONTROL DEVICES IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE "INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS" LATEST EDITION, WHICH IS HEREBY INCORPORATED INTO THESE STANDARDS BY REFERENCE AND MADE A PART THEREOF.



LEGUMES ARE FALL-SEEDED, DO SO EARLY IN FALL.

EROSION CONTROL - SEEDING RECOMMENDATIONS

35-50 LBS.

1-2 LBS.

20 LBS.

10 LBS.

3 LBS.

4 LBS.

10 LBS.

1-2 LBS.

15-30 LBS.

15-30 LBS.

35-50 LBS.

ACCORDING TO SOIL TEST OR USE 600 LBS./ACRE OF 12-12-12 ANALYSIS, OR

MULCH SHALL BE STRAW OR HAY. MATERIAL SHOULD BE DRY, UNCHOPPED FREE

OF UNDESIRABLE SEEDS AND SPREAD BY HAND OR MACHINE. WOOD FIBER OR

CELLULOSE MAY BE USED AND APPLIED WITH A HYDROMULCHER AND USE OF A

STEEP BANKS AND CUTS, LOW MAINTENANCE AREAS (NOT MOWED) AND CHANNELS AND AREAS OF CONCENTRATED FLOW REQUIRE ALTERNATE SEEDING AND MULCH

ANCHORING METHODS. REFER TO INDIANA HANDBOOK FOR EROSION CONTROL IN

1-2 LBS.

5.6 TO 7.0

5.5 TO 7.5

5.6 TO 7.0

5.5 TO 7.5

THIS TABLE PROVIDES SEVERAL SEEDING OPTIONS. ADDITIONAL SEED SPECIES AND

SEED SPECIES AND MIXTURES RATE PER ACRE OPTIMUM SOIL PH

AND THE TOLERANCE OF EACH SPECIES TO SHADE AND DROUGHT.

OPEN AND DISTURBED AREAS (REMAINING IDLE MORE THAN 1 YR.)

1. PERENNIAL RYEGRASS

2. KENTUCKY BLUEGRASS

+ SWITCHGRASS

+ TALL FESCUE

4. TALL FESCUE

+ TIMOTHY

+ SMOOTH BROMEGRASS

+ PERENNIAL RYEGRASS

3. PERENNIAL RYEGRASS

EQUIVALENT, FERTILIZER.

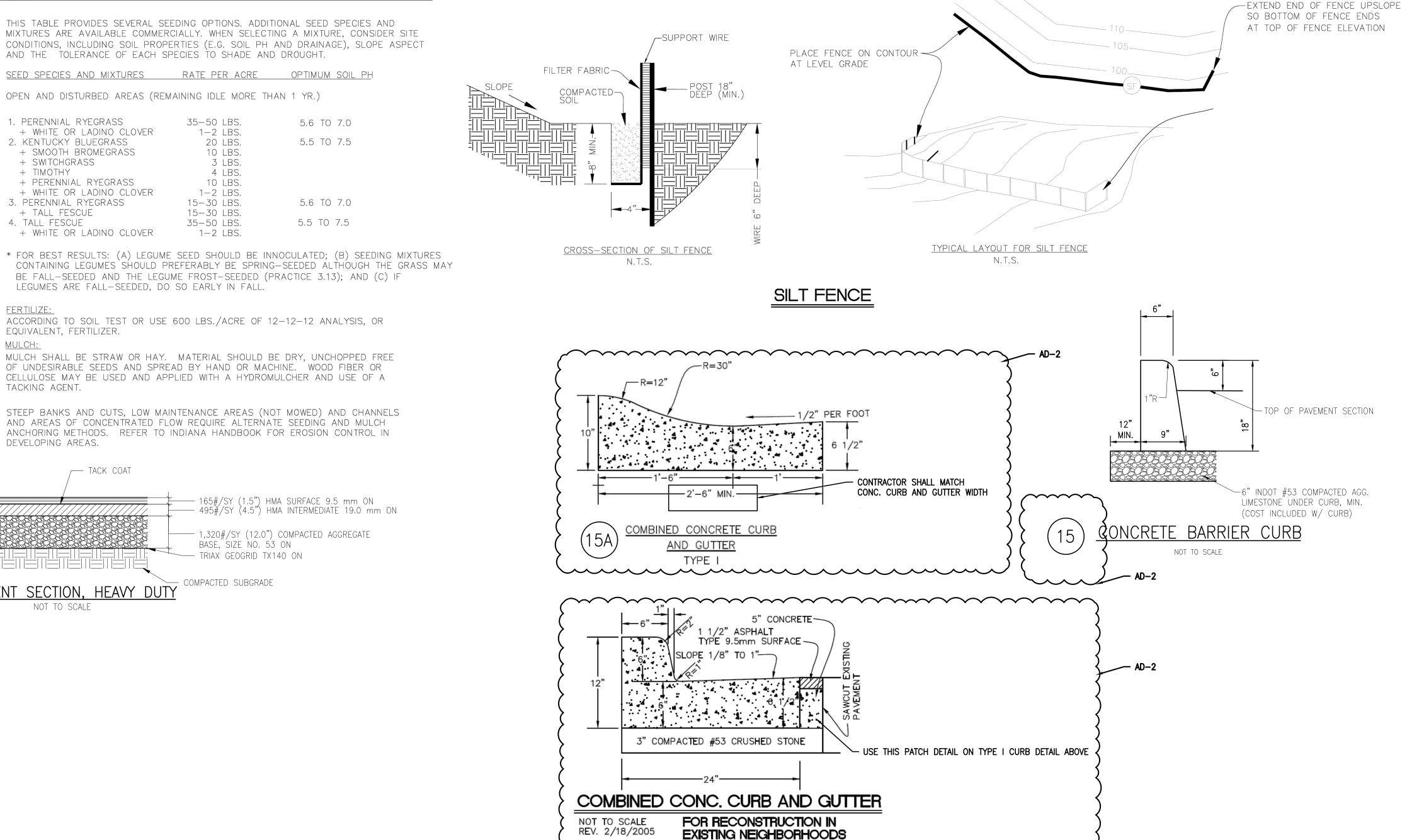
MULCH:

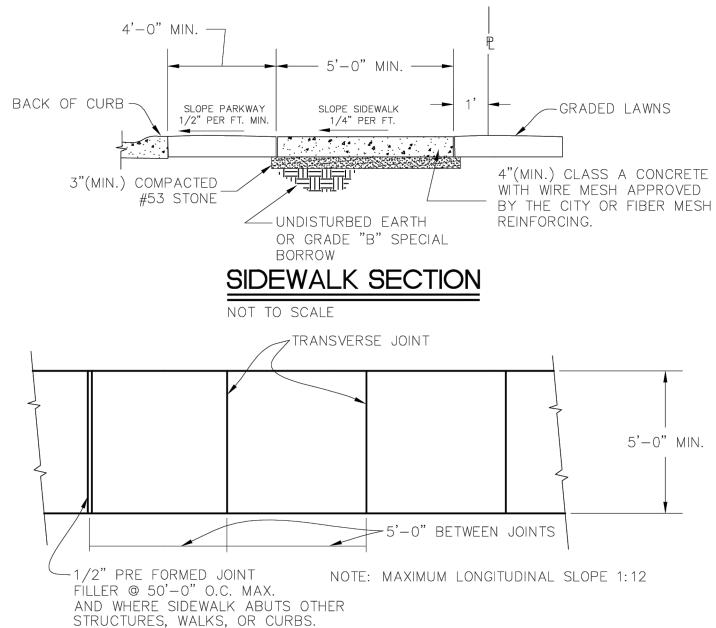
TACKING AGENT.

+ WHITE OR LADINO CLOVER

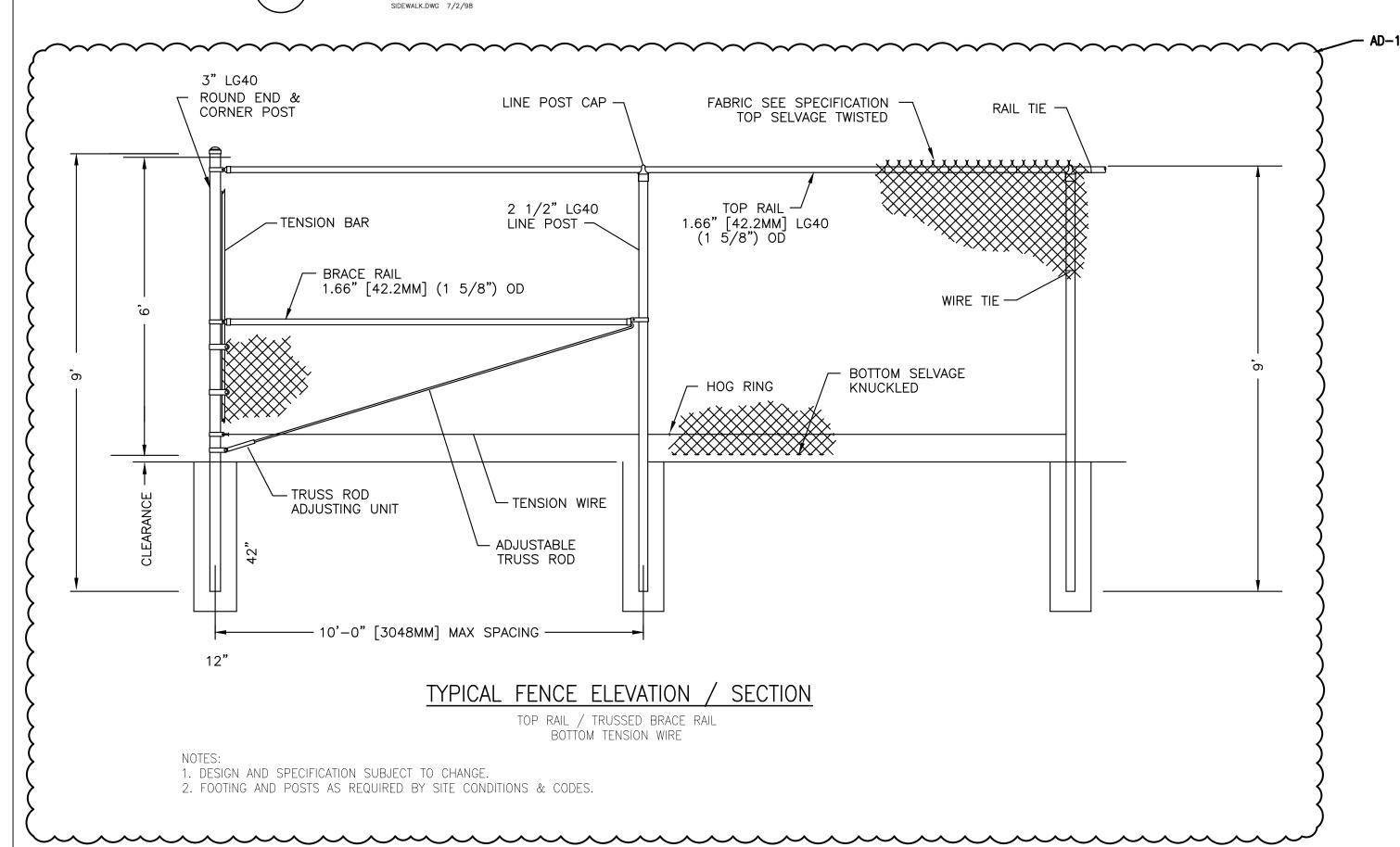
+ WHITE OR LADINO CLOVER

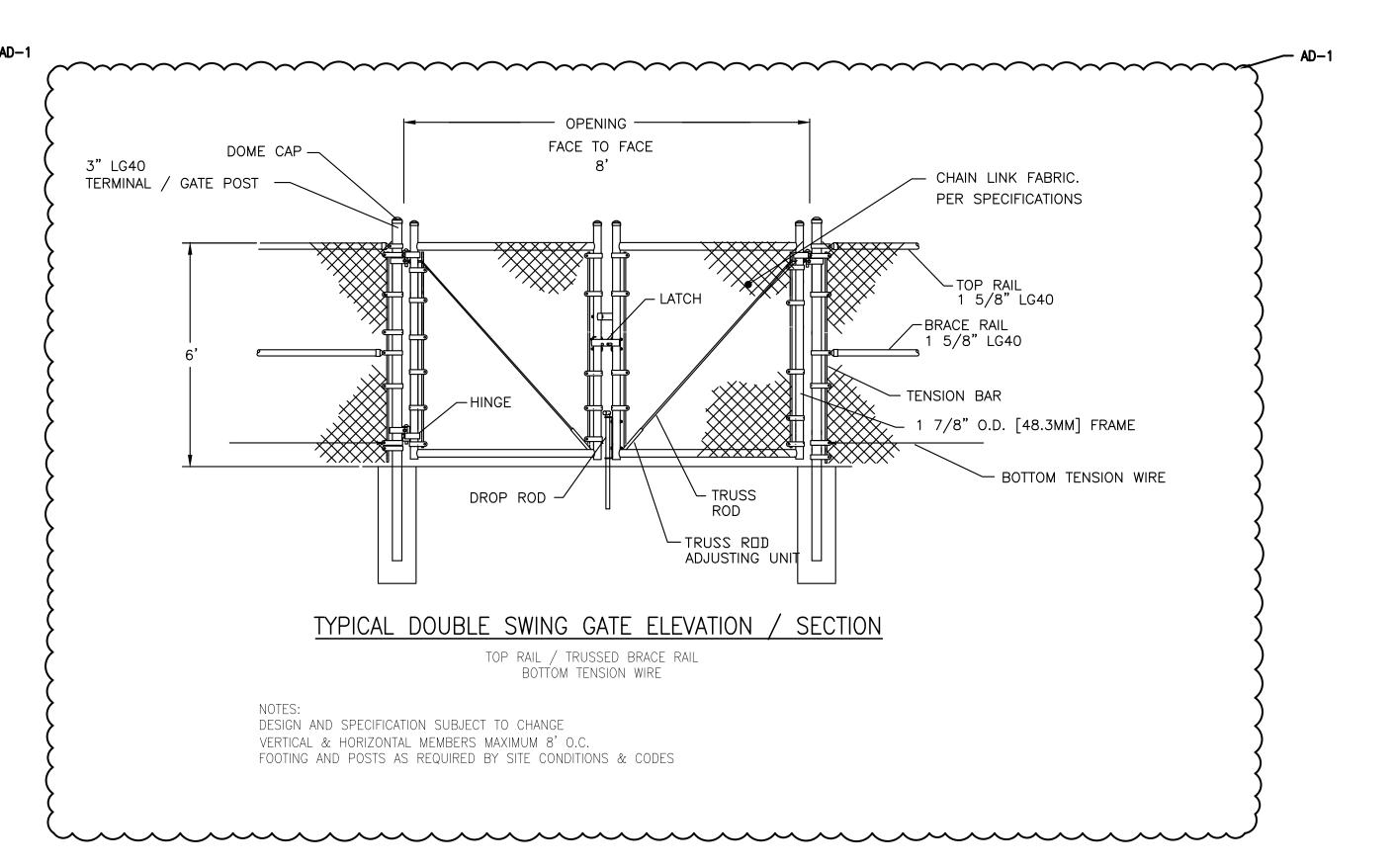
+ WHITE OR LADINO CLOVER





## SIDEWALK PLAN NOT TO SCALE





AD-1 REVISIONS (7/23/25): 1. ADDED FENCE DETAILS AD-2 REVISIONS (7/30/25): 1. REVISED CURB DETAILS

**GIBRALTAR** DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

# **EARLY** LEARNING **ADDITION AND** RENOVATION

Tippecanoe School Corporation

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DETAILS

EARLY LEARNING CENTER ADDITION AND RENOVATION

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C-006

## FOUNDATION PLAN GENERAL NOTES

- . REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES. 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 EXISTING FIRST FLOOR FINISH FLOOR ELEVATION 100'-0". REFER TO THE SITE/CIVIL DRAWINGS 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. REFER TO SHEET S-401 FOR TYPICAL FOUNDATION DETAILS. . 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 SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY, WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 2,000 PSF. REF. TYPICAL FOOTING UNDERCUT DETAILS ON SHEET S-401. 12. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM
- EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING
- 13. COORDINATE THE NEED FOR CONTROL JOINTS WITH THE FINISHED FLOOR SUPPLIER. IF REQUIRED, PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE AT 12'-0" o.c. MAX. PER THE TYPICAL DETAILS ON SHEET S-401. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

# PLAN LEGEND:

DENOTES FINISH FLOOR

DENOTES TOP OF FTG., SLAB, PIER, ETC. DENOTES BOTTOM OF FTG., SLAB, PIER, ETC.

DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT WF30 -98'-8" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)

\_\_\_\_ -97'-4" -96'-0" -96'-0"

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

F.F. = +100'-0"

F9.0x7.5SP

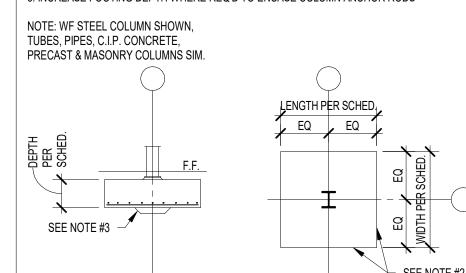
DENOTES NEW 4" CONC. SLAB ON GRADE w/ 6x6 - W1.4x1.4 W.W.F. & "BARRIER ONE PIA" ADMIXTURE BY BARRIER ONE CONCRETE ADMIXTURES AT 14 OZ/CWT, OVER 15-MIL CLASS 'A' VAPOR BARRIER ON MIN. 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.) PLEASE NOTE: W.W.F. CANNOT BE SUBSITUTED w/ FIBER REINFORCEMENT AT THIS LOCATION.

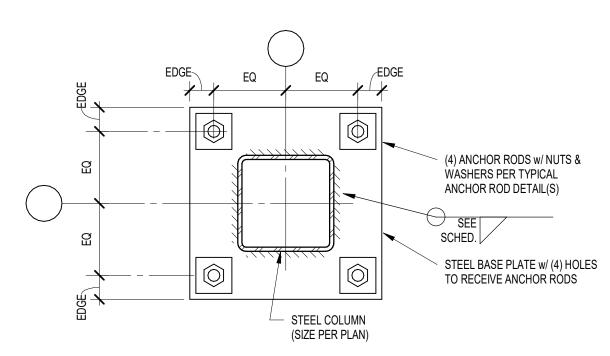
(SEE (8) #6 x 7'-0" (S.W. - TOP & BOT.)

	COLUI	WN FC	OTING S	SCHEDULE
FOOTING	F	OOTING SI	ZE	REINFORCING
MARK	WIDTH x	LENGTH	x DEPTH	(EACH WAY, U.N.O.)
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F5.0	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"
F6.0SP	6'-0"	6'-0"	(SEE SECTION)	(6) #5 x 5'-6" (TOP & BOT.)

9'-0" 7'-6" (SEE (0) #0 x 1-0 (0.... 10. 2...) (6) #6 x 8'-6" (L.W. - TOP & BOT.)

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





	HSS <sup>-</sup>	TYPICAL COLUMN I	BASE F	PLATE	SCHEDULE	
MARK	COLUMN SIZE	BASE PLATE SIZE	EQ	EDGE	ANCHOR ROD DIA.	MAX. HOLE
BP-1	HSS5x5	3/4" X 0'-11" X 0'-11" WELD = 5/16"	4"	1 1/2"	3/4"	1 5/16"
BP-2	HSS7x7	2" X 1'-3" X 1'-3" WELD = 5/16"	5 1/2"	2"	1 1/4"	2 1/16"

## FOUNDATION PLAN KEYED NOTES

- DENOTES MECHANICAL EQUIPMENT PAD. COORD. EXACT MECHANICAL PAD SIZE AND LOCATION w/ THE APPROPRIATE CONTRACTOR. REFER TO SECTION 13/S-401 FOR EQUIPMENT PAD REINFORCEMENT AND PERIMETER DETAILING.
- (2) DENOTES LOCATION OF EXIST. FLOOR OPENING TO BE INFILLED WITH NEW CONC. SLAB OVER GALVANIZED FORM DECK. SEE SECTION 1/S-402 FOR CONC. OVER DECK SUPPORT
- REQUIREMENTS. (3) DENOTES NEW TO EXIST. SLAB, REFER TO DETAIL 16/S-401 FOR NEW REINF. EMBED AND
- SPACING INTO EXIST. CONC. SLAB. (4) DENOTES LOCATION OF EXIST. FLOOR OPENING TO BE INFILLED WITH NEW CONC. SLAB OVER FLOWABLE FILL. SEE SECTION 2/S-402 FOR CONC. OVER FLOWABLE FILL REQUIREMENTS.
- (5) SEE FRAMING PLAN FOR NOTES REGARDING LOCATING THIS COLUMN LINE DIRECTLY UNDER THE EDGE OF THE NEW ROOF TOP UNIT. EXACT COLUMN LOCATIONS MUST BE COORD. WITH THE MECHANICAL CONTRACTOR.
- 6 EXIST. CONC. PIER APPROX. 8" BELOW FINISHED FLOOR TO REMAIN. IT IS CRITICAL THAT THIS CONCRETE PIER IS NOT DAMAGED DURING THE REMOVAL OF FOUNDATION WALLS ADJACENT. PROVIDE 1/2" MIN. ISOLATION MATERIAL BETWEEN EXISTING CONC. PIER AND NEW CONC. FOOTING.
- ) HATCHED AREA DENOTES APPROX. LOCATION OF EXISTING SLATE FLOORING TO BE REMOVED AND REPLACED WITH NEW CONC. TOPPING SLAB (APPROX. 3-7/8" THICK). REFER TO DETAIL 10/S-401 FOR NEW TOPPING SLAB DOWELS INTO EXIST. CONC. SLAB. COORD. EXACT SLATE FLOORING REMOVAL LOCATIONS AND EXTENTS WITH THE
- ARCHITECTURAL DRAWINGS.

# **CONCRETE PIER SCHEDULE**

PIER	PIERSIZE			PIER REINFORCING	3	
MARK	PIER	SIZE	VERTICALS	TIES-SIZE & SPA. 3	DETAIL	CRITICAL HEIGHT
P28	2' - 4"	2' - 4"	(8) #7	#4 @ 12" O.C.	В	≤ 3' - 0"
F 20	2-4	2-4	(4) #9	#4 @ 12" O.C.	Α	> 3' - 0"
1 PR(	)VIDE IV	IIN 1 1/2	" CLEAR TO PIER	TIES		

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

INFORMATION ON TIE SPACING.

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

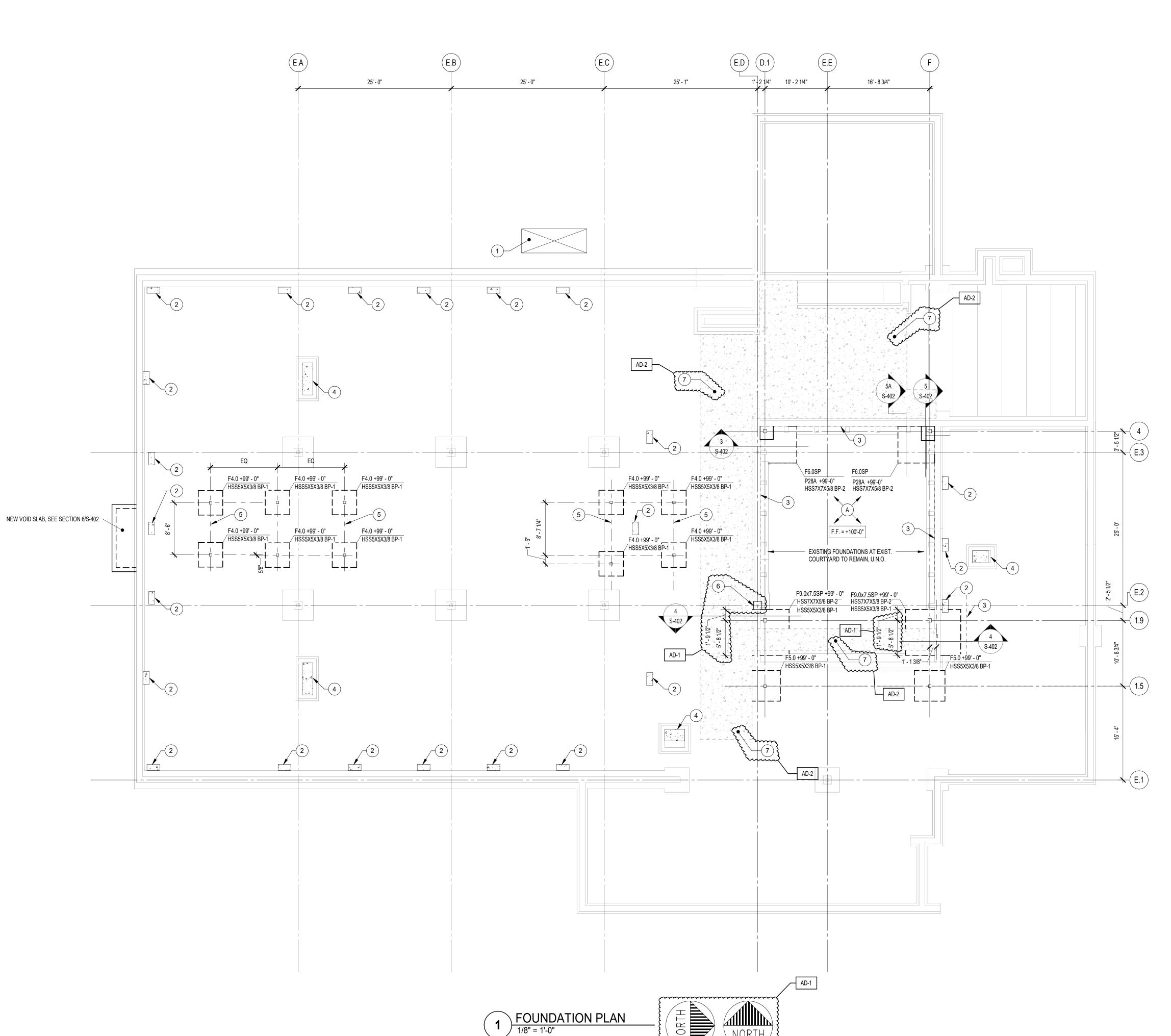
4. VERTICAL DOWELS ARE TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5' - 0" HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5' - 0" HIGH, UNLESS APPROVED.

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"

(1) SET (2) SETS





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PROJECT:

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PROJECT 25-147 DATE 07/09/2025 COORDINATED BY

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REVISIONS

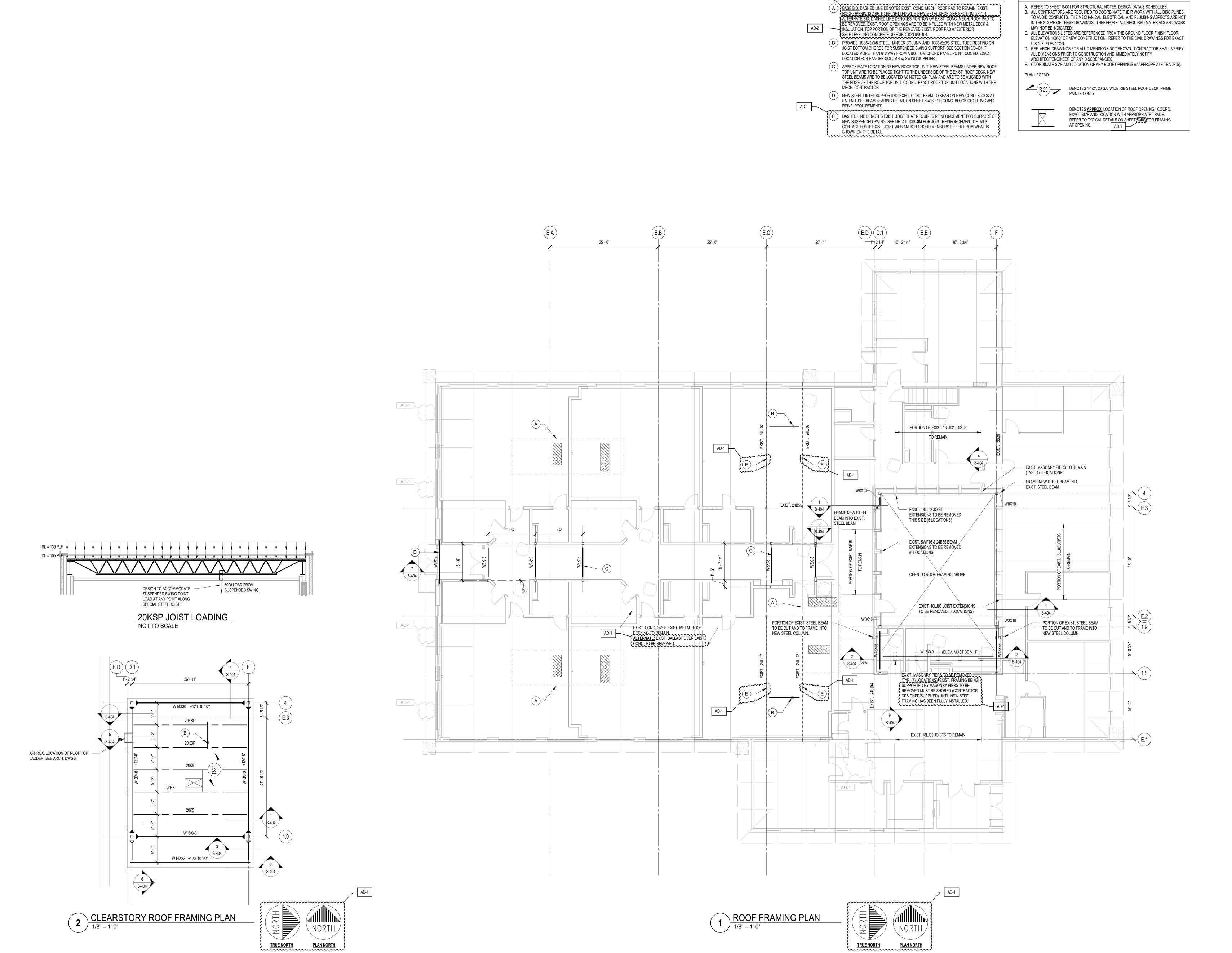
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FOUNDATION PLAN

PROJECT EARLY LEARNING CENTER ADDITION AND RENOVATION

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Lynch,

Harrison 8

Brumleve

PROJECT:

**ROOF FRAMING GENERAL NOTES** 

ROOF FRAMING KEYED NOTES

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RENOVATION

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25-147
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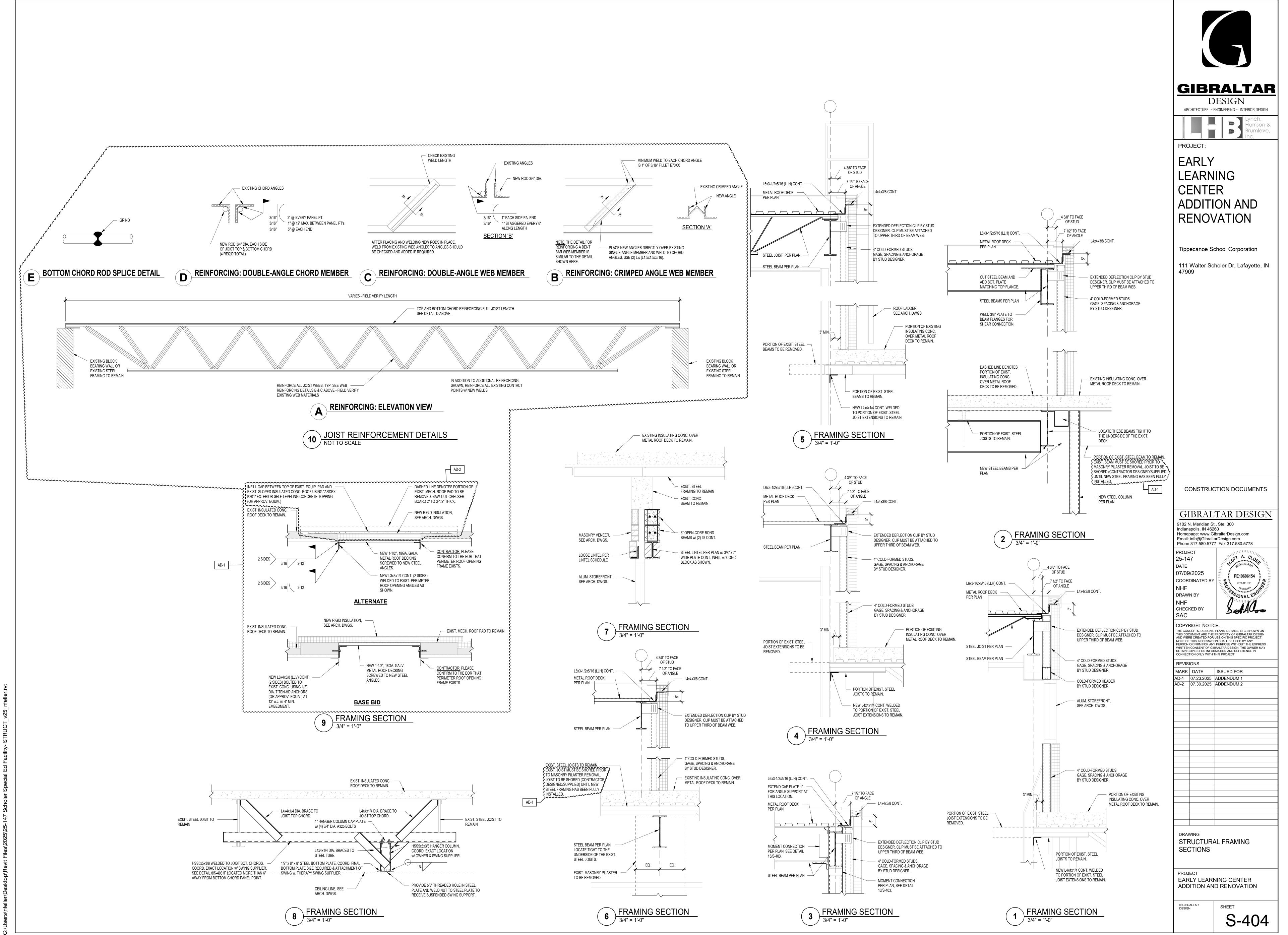
 AD-2
 07.30.2025
 ADDENDUM 2

DRAWING ROOF FRAMING PLANS

PROJECT
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S-202



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CONTRACTOR TO REMOVE EXISTING CONCRETE

CUT AND PATCH EXISTING CONCRETE SLAB AS REQUIRED TO INSTALL NEW UNDERSLAB PIPING

SLAB AT NEW RESTROOM LOCATIONS AND PATCH WITH NEW VAPOR BARRIER AND 4" CONCRETE SLAB. REFER TO STRUCTURAL DRAWINGS. ALSO

36 EXISTING LIGHT GRID AND PERIMETER TRIM TO REMAIN. 

## **GENERAL DEMOLITION NOTES**

- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR ALL
- DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW
- 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
- 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.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE PUBLIC SAFETY
- 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.
- DEMOLITION SHALL BE PERFORMED WITHOUT 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. 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

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

EXISTING FINISH.

- 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
- 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.
- ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.
- 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
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING. ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND
- STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL
- WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

**DEMOLITION PLAN NOTES:** 1 REMOVE SHELVING IN ITS ENTIRETY.

WITH THE EXISTING FLOOR SLAB.

- REMOVE MODULAR VAULTED VENTILATING ACOUSTICAL CEILING SYSTEM IN ITS
- REMOVE ACOUSTIC TILE IN ITS ENTIRETY. PLYWOOD SUBSTRATE TO BE REMOVED 25-147 AS REQUIRED FOR NEW WORK. REMOVE NON-MODULAR LUMINOUS VENTILATING PANEL AND SALVAGE FOR REINSTALLATION.
- 4 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES. SALVAGE CARPET AS NEEDED FOR REINSTALLATION IN NEW
- 5 REMOVE CERAMIC TILE FLOOR SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR
- REMOVE SLATE FLOORING, INCLUDING 3 7/8" SETTING BED, WHERE INDICATED (SHADED AREA) AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.
- REMOVE OVERHANG AS REQUIRED FOR NEW CONSTRUCTION. REFER TO WALL 8 REMOVE CASEWORK AND/OR CUSTOM BUILT-IN CASEWORK IN ITS ENTIRETY
- $^{prime}$  PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES. 9 REMOVE WOOD STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW
- 10 REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL  $^{propto}$  OR FLOOR SURFACE. UNLESS OTHERWISE NOTES ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW
- 11 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.
- 12 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND
- REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES. 13 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
- 14 REMOVE WOOD DOOR, FRAME AND HARDWARE IN ITS ENTIRETY
- 15 REMOVE ALUMINUM DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
- 16 EXISTING STEEL COLUMN TO REMAIN.
- 17 REMOVE TOILET ACCESSORIES.

18 REMOVE COAT SHELF AND ROD.

- 19 REMOVE EXISTING BRICK COLUMN. REFER TO STRUCTURAL DRAWINGS FOR NEW
- 20 REMOVE ALUMINUM WINDOW IN ITS ENTIRETY.
- 21 REMOVE EXISTING MOP SINK.
- 22 REMOVE PANEL AND GLASS PARTITIONS IN THEIR ENTIRETY.
- 23 REMOVE STONE BENCH IN ITS ENTIRETY.
- 24 REMOVE EXISTING WOOD LIGHT ENCLOSURE IN ITS ENTIRETY.
- 25 REMOVE CONCRETE STOOP IN ITS ENTIRETY.
- 26 REMOVE BRICK COLUMNS AND PREPARE FLOOR FOR NEW FINISHES.
- 27 REMOVE BRICK/MASONRY AS REQUIRED FOR NEW WINDOW OPENING.
- 28 REMOVE BRICK/MASONRY AS REQUIRED FOR NEW STOREFRONT FRAMING
- 29 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS. 30 CUT AND REMOVE WOOD FASCIA BOARD WHERE NEW STUD AND GYPSUM BOARD
- $^{
  ightharpoonup}$  walls are installed. Refer to floor plans and sections. 31 EXISTING SHELVING TO REMAIN.

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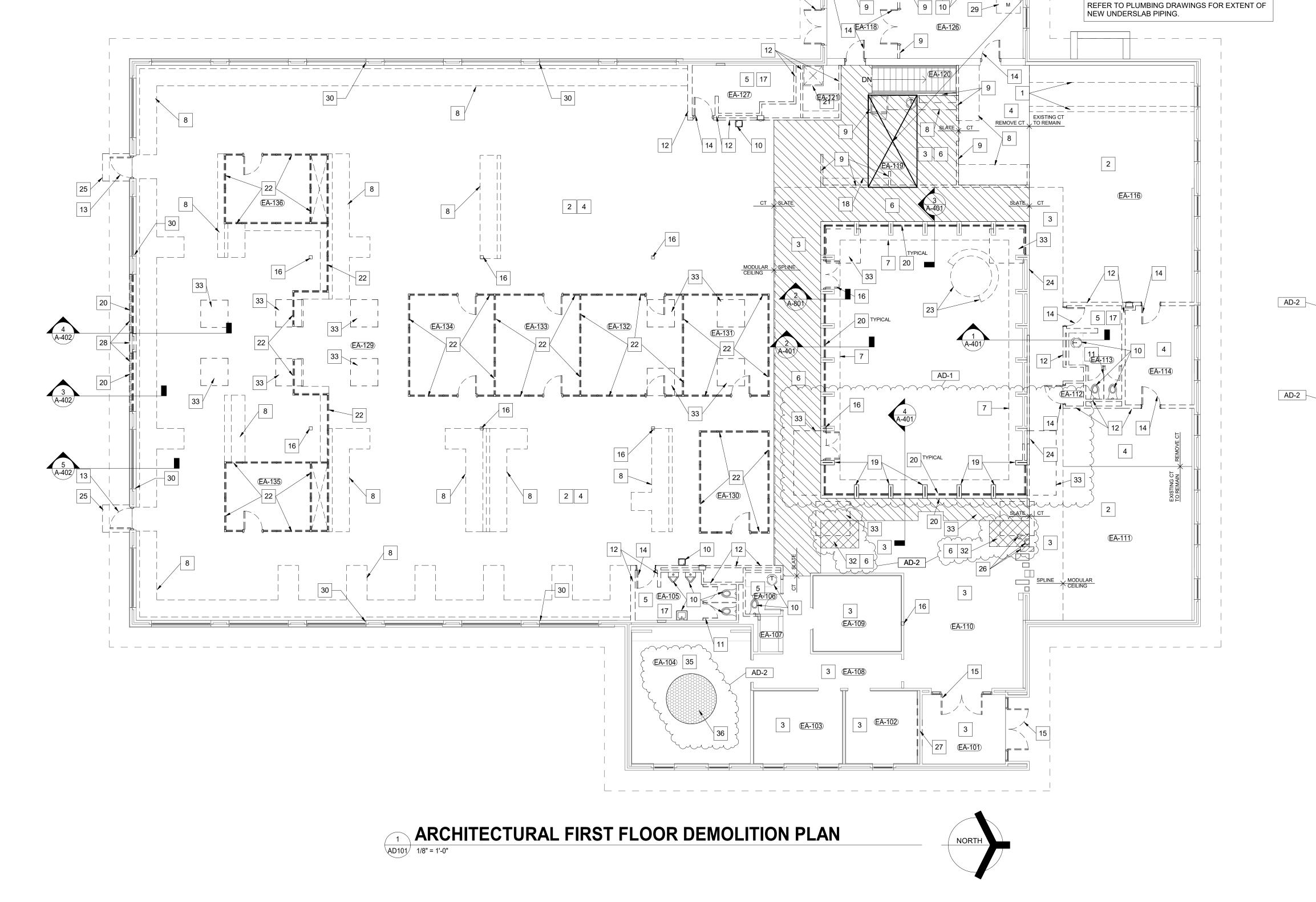
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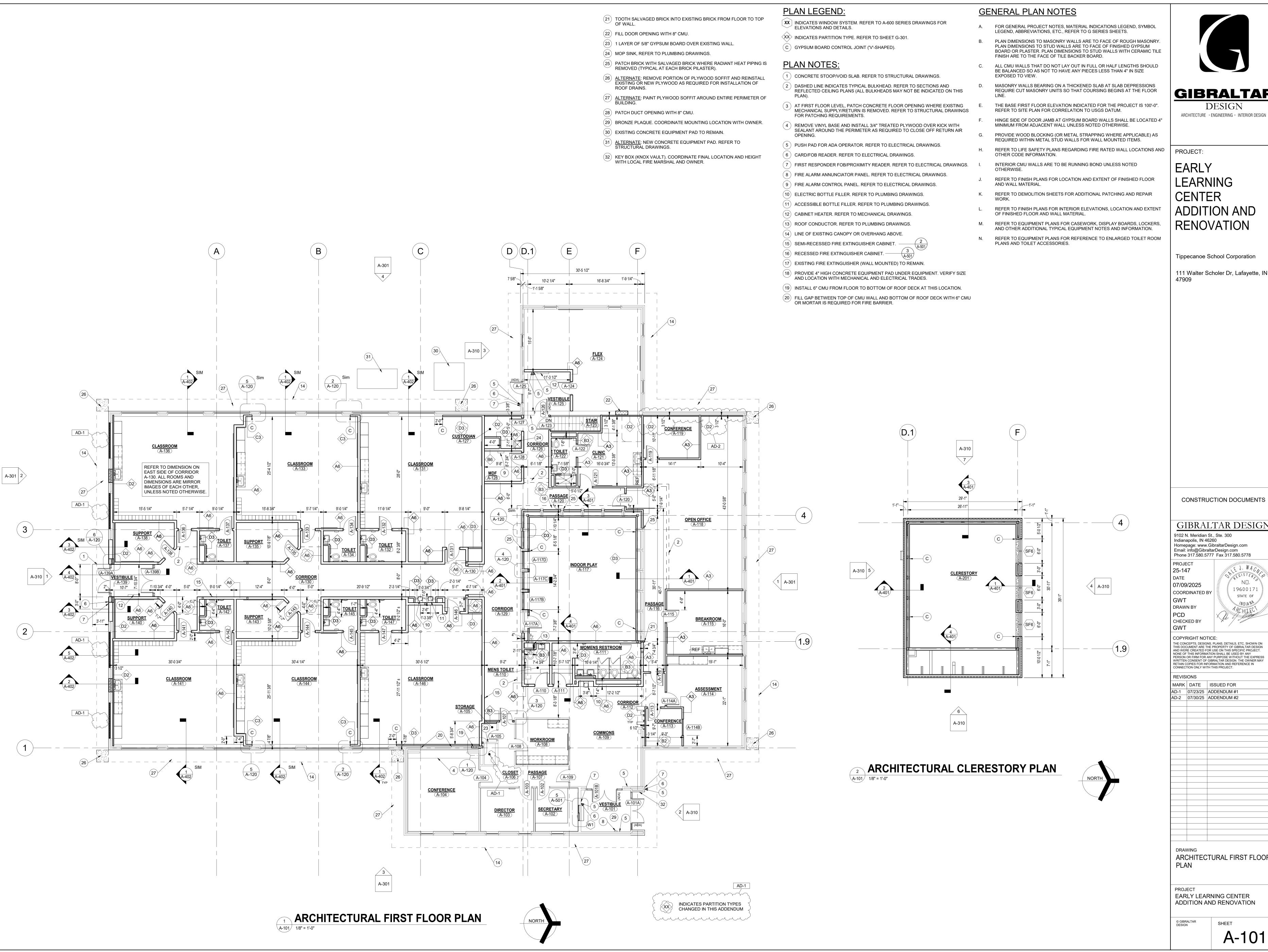
ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

EARLY LEARNING CENTER ADDITION AND RENOVATION

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SHEET





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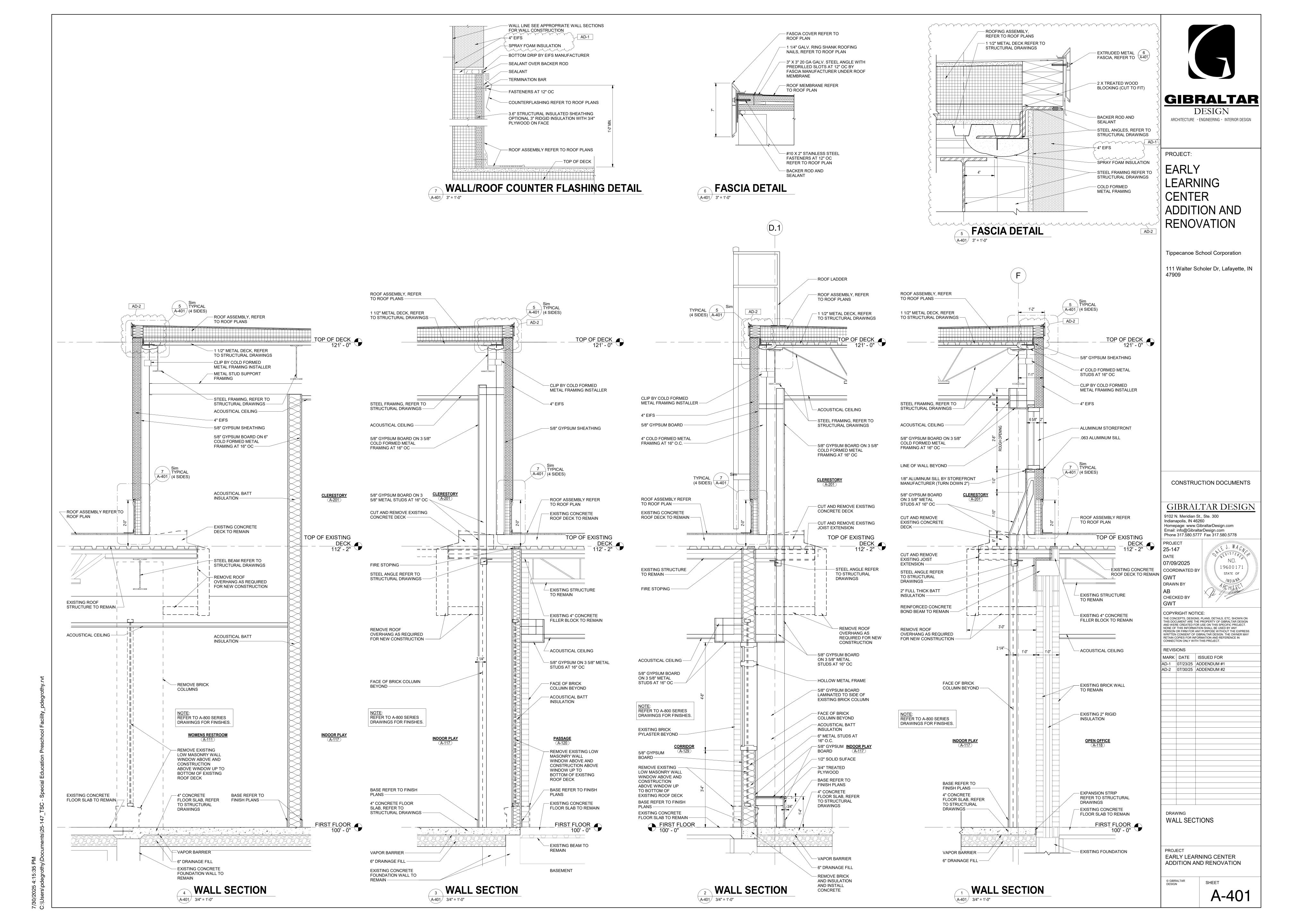
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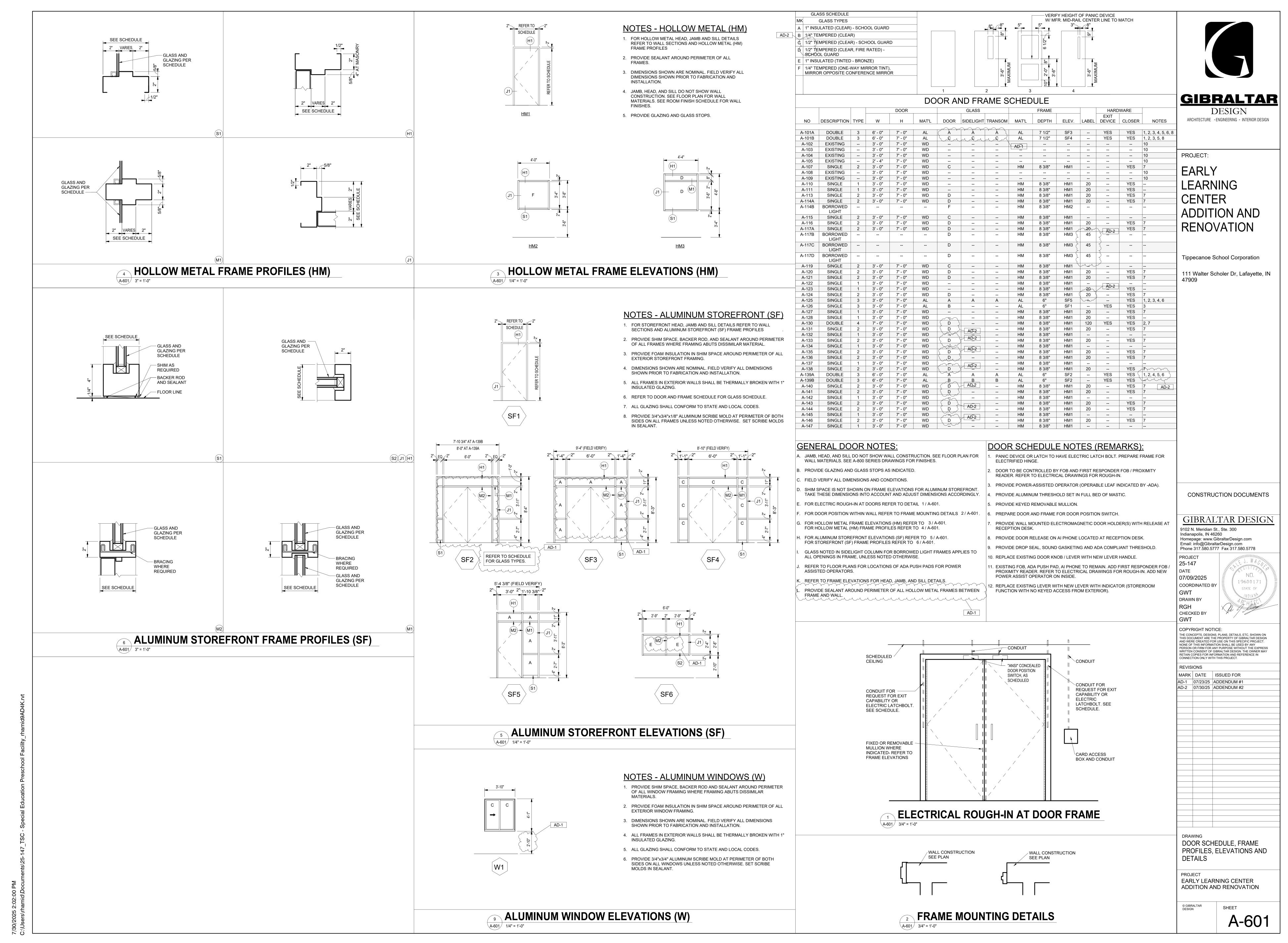
ARCHITECTURAL FIRST FLOOR

PROJECT EARLY LEARNING CENTER ADDITION AND RENOVATION

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A-101





## **GENERAL NOTES:**

- A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
- B. FIELD VERIFY ALL DIMENSIONS.
- 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 SHEETS FOR MOUNTING HEIGHTS.
- REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-710, FOR TOILET ROOM EQUIPMENT.

## **EQUIPMENT SYMBOL LEGEND:**

- INDICATES CASEWORK ELEVATIONS SYMBOL REFER TO ELEVATIONS AND DETAILS ON SHEET A-730.
  - INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER (NOT INCLUDED IN CONSTRUCTION CONTRACTS). INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- INDICATES CORNER GUARD, REFER TO FINISH LEGEND FOR ADDITIONAL
- INDICATES 4' HIGH MARKER BOARD, LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- INDICATES 4' HIGH TACK BOARD, LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- INDICATES INTERACTIVE MONITOR, VIEW SONIC BOARD, BY OWNER, INSTALLED BY CONTRACTOR. REFER TO INTERIOR ELEVATIONS, ELECTRICAL, AND TECHNOLOGY DRAWINGS.
- INDICATES TELEVISION MONITOR, BY OWNER, INSTALLED BY CONTRACTOR. REFER TO INTERIOR ELEVATIONS, ELECTRICAL, AND TECHNOLOGY DRAWINGS.

## **KEYNOTES:**

- (1) CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER). -(2) STAINLESS STEEL WALL PROTECTION PANEL.
- (3) WALL MOUNTED DRUG CABINET.
- (4) PAPER TOWEL DISPENSER, OFCI.
- (5) SOAP DISPENSER, OFCI.
- (6) COAT ROD AND SHELF (EXISTING TO REMAIN).
- (7) REFRIGERATOR WITH ICE MAKER (8) NOT USED
- (9) MICROWAVE
- AD-1 (10) KEY CABINET (11) WALL MOUNTED WOOD SHELF
  - (12) LOOSE FURNITURE, OWNER FURNISHED, CONTRACTOR INSTALLED. INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.

## **OWNER FURNISHED KEYNOTES:**

- LOOSE FURNITURE, BY OWNER. INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION. (51) COMPUTER/MONITOR, BY OWNER.
- (52) ELECTRONICALLY OPERATED CHANGING TABLE, BY OWNER.
- (53) PRINTER/COPIER, BY OWNER.
- (54) TRASH CONTAINER, BY OWNER. (55) CLINIC COTS, BY OWNER.
- CEILING MOUNTED THERAPY SWING (16'-0" DIAMETER), BY OWNER. REFER TO STRUCTURAL DRAWINGS FOR SUPPORT FRAMING.
- (57) COFFEE MAKER, BY OWNER.

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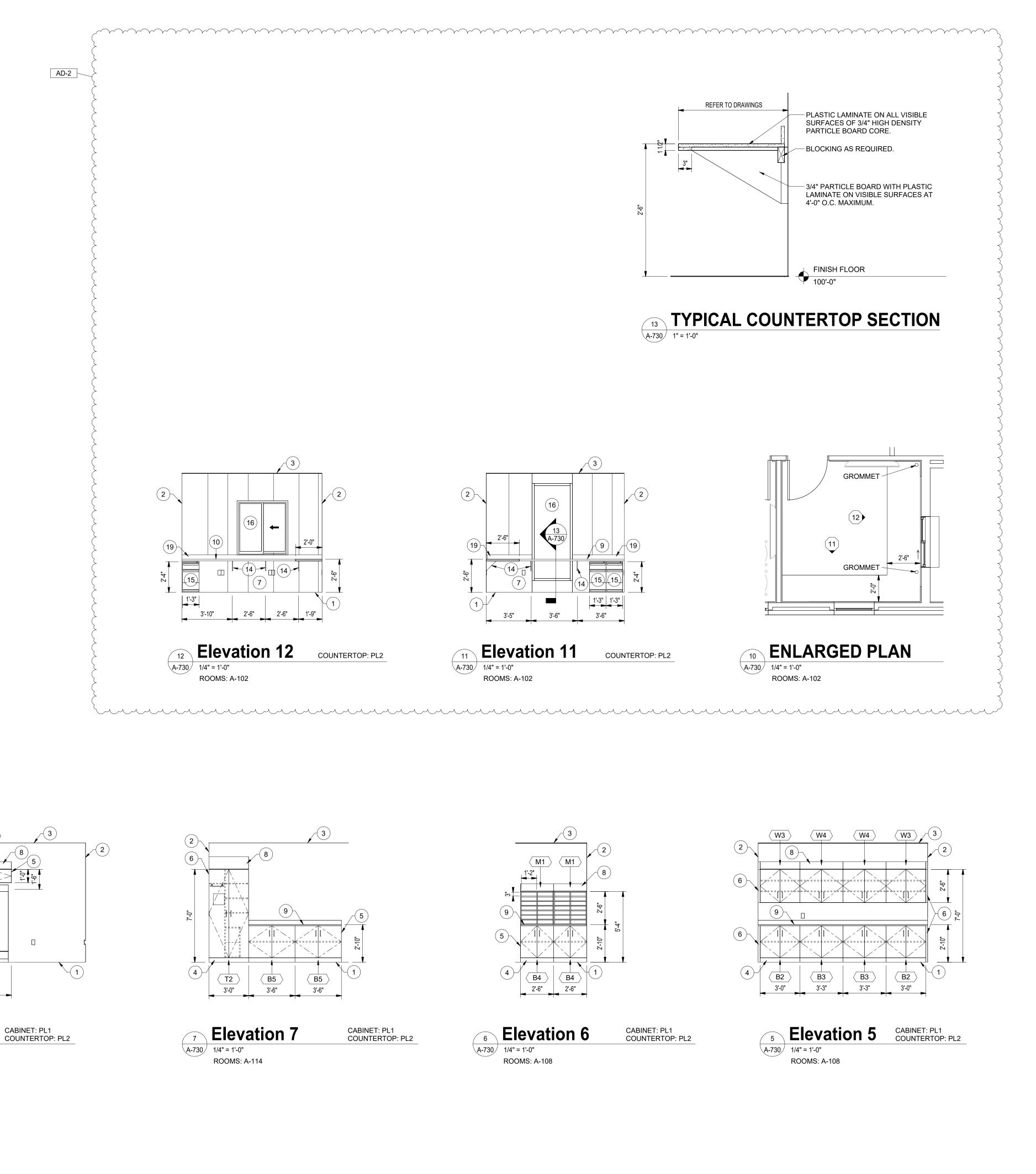
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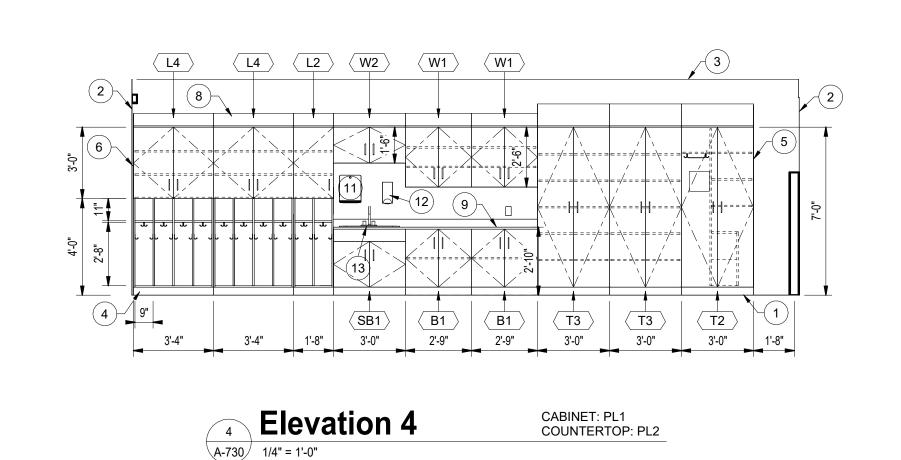
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UNIT "A" FIRST FLOOR **EQUIPMENT PLAN** 

EARLY LEARNING CENTER ADDITION AND RENOVATION

A-701





ROOMS: A-131

OPPOSITE HAND: A-146

CABINET: PL1 COUNTERTOP: PL2

Elevation 9

ROOMS: A-121

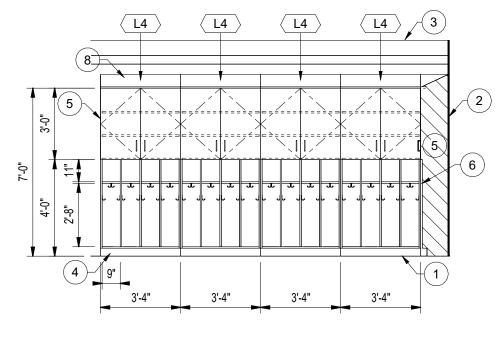
3'-3"

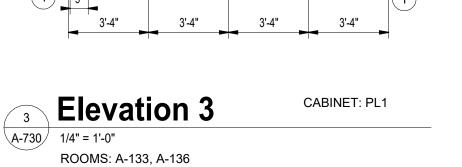
Elevation 8

ROOMS: A-115

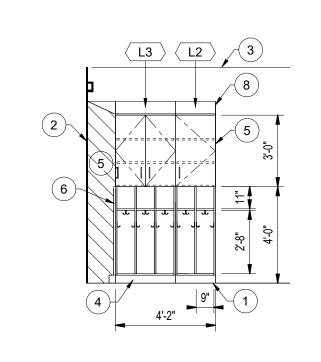
A-730 1/4" = 1'-0"

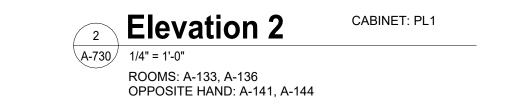
3'-0"

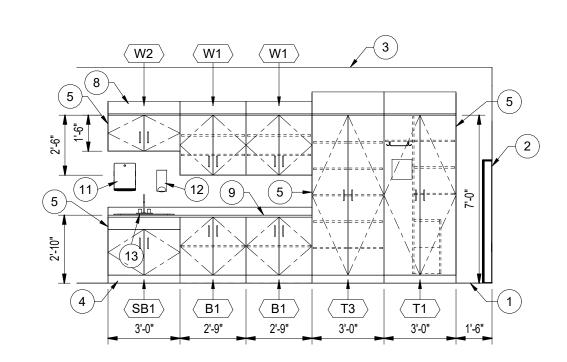




OPPOSITE HAND: A-141, A-144







CABINET: PL1 COUNTERTOP: PL2 Elevation 1 A-730 1/4" = 1'-0" ROOMS: A-133, A-136 OPPOSITE HAND: A-141, A-144

		CA	ASEV	VORI	K SCHEDULE
MARK	MODEL	WIDTH	HEIGHT	DEPTH	DESCRIPTION
B1	10129	33	33	24	BASE - TWO DOOR, ADJUSTABLE SHELF
B2	10129	36	33	24	BASE - TWO DOOR, ADJUSTABLE SHELF
В3	10129	39	33	24	BASE - TWO DOOR, ADJUSTABLE SHELF
B4	10129	30	33	24	BASE - TWO DOOR, ADJUSTABLE SHELF
B5	10129	42	33	24	BASE - TWO DOOR, ADJUSTABLE SHELF
L1	69432	20	84	14	LOCKER - OPEN, TOP SHELF, TWO-WIDE WITH CABINET ABOVE, TWO DOORS
L2	69432	20	84	14	LOCKER - OPEN, TOP SHELF, TWO-WIDE WITH CABINET ABOVE, ONE DOOR, XH
L3	69433	30	84	14	LOCKER - OPEN, TOP SHELF, THREE-WIDE WITH CABINET ABOVE, TWO DOORS
L4	69434	40	84	14	LOCKER - OPEN, TOP SHELF, FOUR-WIDE WITH CABINET ABOVE, TWO DOORS
M1	16250	30	30	14	WALL - MAIL CUBICLE, OPEN, 14 COMPTS.
SB1	10479	36	33	24	SINK BASE - FALSE FRONT, TWO DOOR, REMOVEABLE BACK
T1	26607	36	84	24	TALL - TEACHER WARDROBE, TWO DOOR, RIGHT, TWO FILE DRAWERS
T2	26606	36	84	24	TALL - TEACHER WARDROBE, TWO DOOR, LEFT, TWO FILE DRAWERS
T3	26129	36	84	24	TALL - TWO DOOR, ADJUSTABLE SHELVES
W1	16129	33	30	14	WALL - TWO DOOR, ADJUSTABLE SHELVES
W2	16129	36	18	14	WALL -TWO DOOR, ABOVE SINK, ADJUSTABLE SHELF
W3	16129	36	30	14	WALL - TWO DOOR, ADJUSTABLE SHELVES
W4	16129	39	30	14	WALL - TWO DOOR, ADJUSTABLE SHELVES
W5	16129	42	30	14	WALL - TWO DOOR, ADJUSTABLE SHELVES
W6	16129	39	12	14	WALL - TWO DOOR, ABOVE REFRIGERATOR
W7	16129	30	30	14	WALL - TWO DOOR, ADJUSTABLE SHELVES
W8	16149	39	30	18	WALL - TWO DOOR, MICROWAVE SHELF

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RENOVATION

CENTER

## **GENERAL NOTES:**

AND BACKSLASHES.

CASEWORK FRONTS.

OTHERWISE).

- A. REFER TO EQUIPMENT PLANS FOR CASEWORK LOCATIONS AND FINISH LEGEND ON SHEET A-820 FOR FINISH INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. (UNLESS NOTED OTHERWISE) AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
- VERIFY ALL PLAN AND CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.
- ALL COUNTERTOPS TO BE PLASTIC LAMINATE WITH 4" HIGH PLASTIC LAMINATE BACKSPLASH (UNLESS NOTED OTHERWISE).
- PROVIDE 3MM PVC EDGE ON ALL PLASTIC LAMINATED COUNTERTOPS
- PROVIDE A 4" HIGH TOE SPACE ON ALL BASE AND FULL HEIGHT CABINETS.
- ALL EXPOSED CASEWORK SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY (UNLESS NOTED
- ALL EXPOSED CASEWORK ENDS SHALL BE FINISHED TO MATCH
- PROVIDE CONTINUOUS PLASTIC LAMINATE SLOPED TOPS ON ALL WALL AND FULL HEIGHT CABINETS (UNLESS NOTED OTHERWISE).
- FILLER PANELS. TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD, CASEWORK MANUFACTURER / INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES FOR A COMPLETE AND FINISHED CASEWORK INSTALLATION.
- PROVIDE LOCKS ON ALL CABINET DOORS AND DRAWERS, KEYED ALIKE BY ROOM (UNLESS NOTED OTHERWISE).
- ALL ADJOINING CABINETS SHALL BE ALIGNED.
- WHERE CASEWORK REQUIRES SHIMMING, ONLY APPROVED METAL SHIMS SHALL BE USED.
- PROVIDE JOINT SEALANT AT ALL JUNCTIONS OF CASEWORK / COUNTERTOPS WITH ADJACENT WALL OR CASEWORK.
- O. ALL SOLID SURFACE WINDOW SILLS TO BE BY CASEWORK CONTRACTOR.
- CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
- ALL CUTTING, DRILLING AND PATCHING OF CASEWORK AND COUNTERTOPS AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT
- SHALL BE BY CASEWORK MANUFACTURER / INSTALLER. PROVIDE 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE
- SPACES. BY FLOORING INSTALLER. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES,
- HEIGHTS AND LOCATIONS. REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR FIXTURE TYPES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR PLUMBING
- CONNECTIONS. REFER TO "G" SERIES SHEETS FOR MOUNTING HEIGHTS OF EQUIPMENT
- AND ACCESSORIES. V. ALL SHELVES WIDER THAN 42" SHALL BE MINIMUM OF 1" THICK.

# **KEYNOTES:**

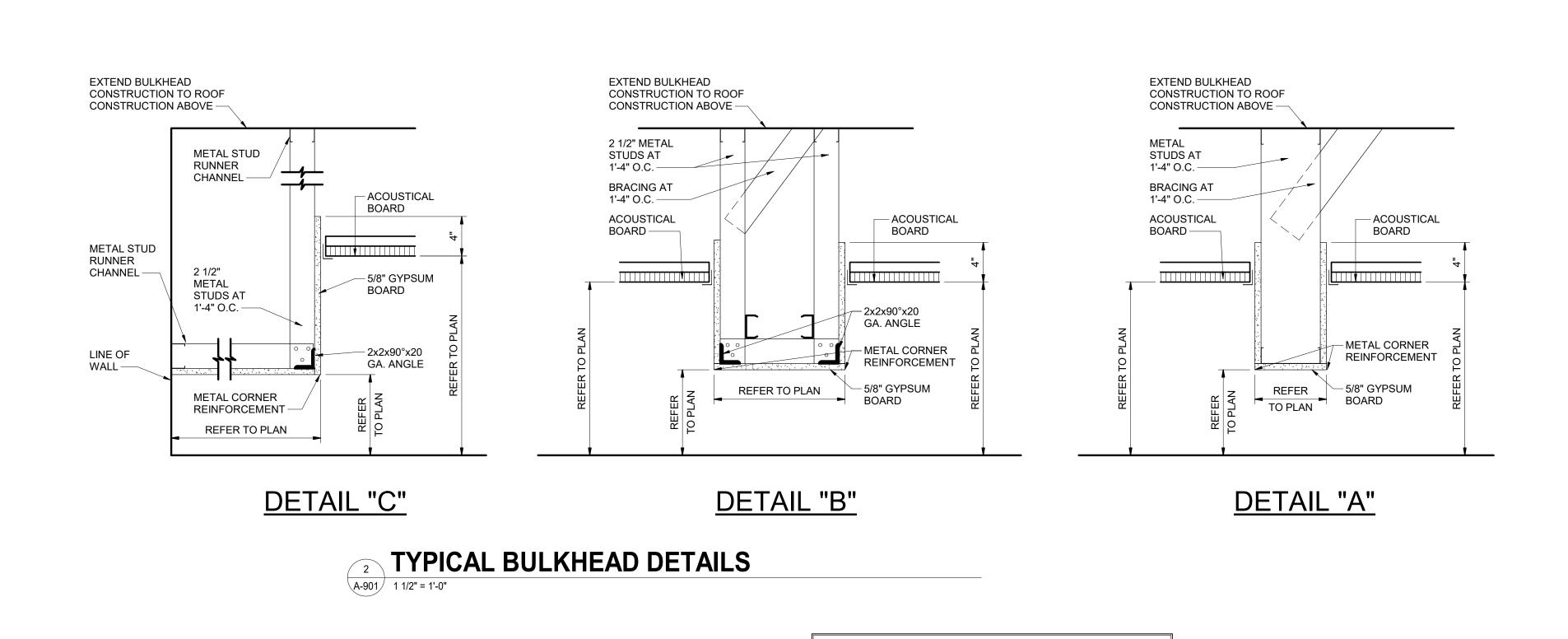
- (1) LINE OF FINISHED FLOOR
- 2 WALL LINE
- CEILING LINE
- 4 ) 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER
- 5 ) FINISHED BACK/END PANEL
- FILLER PANEL FINISHED TO MATCH FACE OF CABINETS.
- ) KNEE SPACE
- 8 SLOPED TOP (CONTINUOUS)
- 9 ) 25"D COUNTERTOP WITH 4" BACKSPLASH, UNLESS NOTED OTHERWISE
- 30"D COUNTERTOP WITH 4" BACKSPLASH, UNLESS NOTED OTHERWISE
- (11) PAPER TOWEL DISPENSER (OFCI)
- (12) SOAP DISPENSER (OFCI)
- (13) SINK. REFER TO PLUMBING DRAWINGS.
- (14) METAL SUPPORT BRACKETS, BY CASEWORK INSTALLER
- 15) FILE CABINET, BY OWNER
- (16) WINDOW. REFER TO FLOOR PLANS
- 7) REFRIGERATOR
- 18) MICROWAVE
- (19) 1"X4" FINISHED WOOD BACKSPLASH
- (20) COFFEE MAKER, BY OWNER

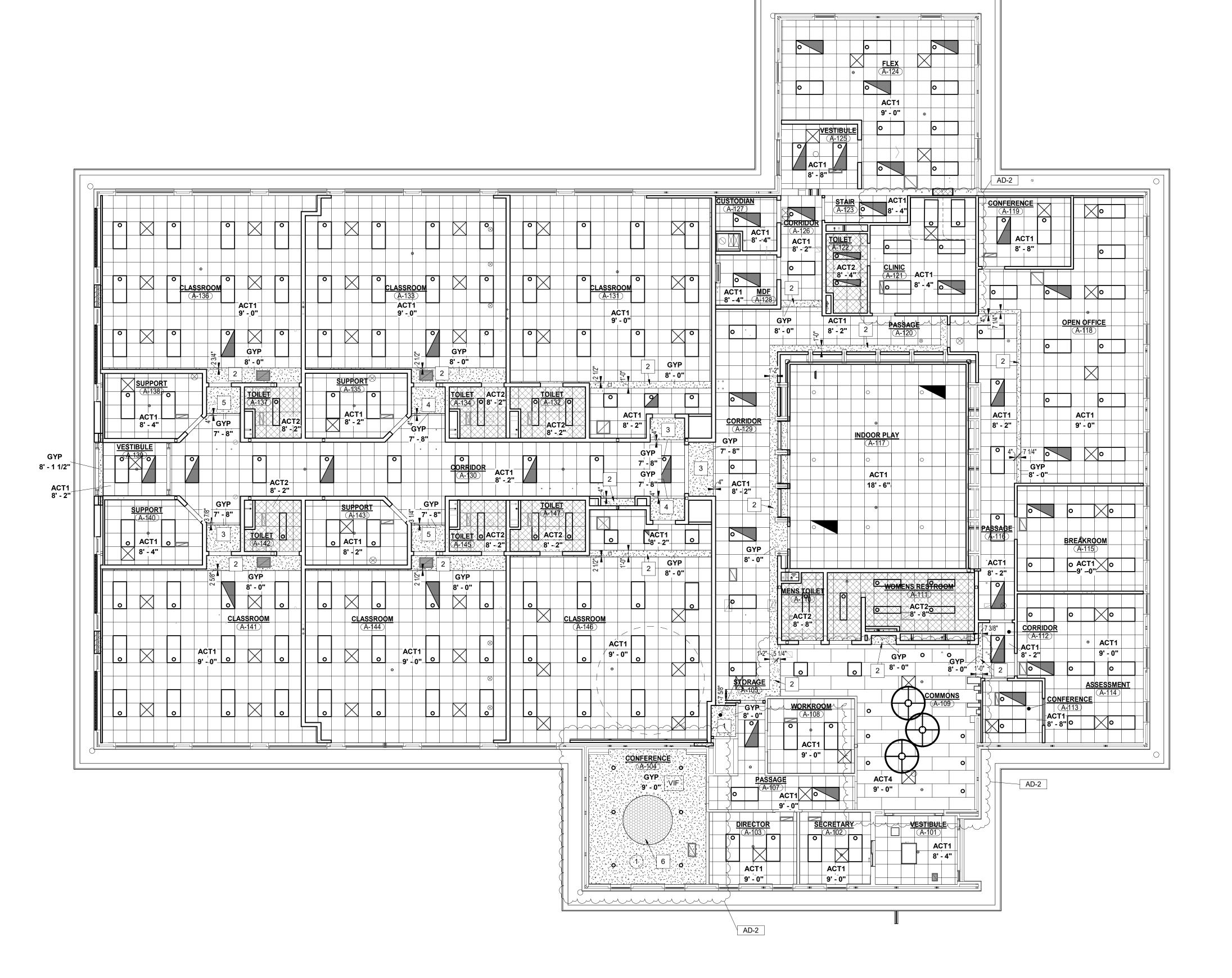
CASEWORK SCHEDULE, **ELEVATIONS AND DETAILS** 

PROJECT EARLY LEARNING CENTER ADDITION AND RENOVATION

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SHEET A-730





FIRST FLOOR REFLECTED CEILING PLAN



**GENERAL NOTES** 

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

B. THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.

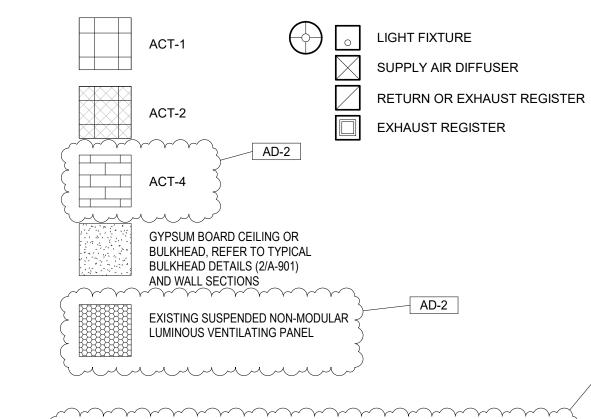
F. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

G. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

H. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED

I. REFER TO FINISH PLANS AND INTERIOR ELEVATIONS FOR PAINT COLORS.

CEILING LEGEND



## munumunumunum

**CEILING FINISH KEYNOTES:** 

**CEILING PLAN KEYNOTES:** 

1 PAINT, P1
2 PAINT, P2
3 PAINT, P3 (LT BLUE)

4 PAINT, P4 (GREEN)

5 PAINT, P5 (DK BLUE)

6 PAINT EXISTING LIGHT GRID AND PERIMETER TRIM, P6

(1) INSTALL NEW 1/2" GYPSUM BOARD TO EXISTING PLYWOOD SUBSTRATE.

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DRAWING
FIRST FLOOR REFLECTED
CEILING PLAN

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**SHEET NOTES** 

AS REQUIRED.

- REMOVE EXISTING SUPPLY AIR DUCTWORK COMPLETE AS REQUIRED. REMOVE EXISTING RETURN AIR GRILLE AND ASSOCIATED DUCTWORK. COMPLETE AS REQUIRED. RETURN AIR DUCTWORK UNDERFLOOR TO BE LEFT ABANDONED. ABANDONED DUCTWORK TO BE CAPPED BELOW FINISHED FLOOR
- REMOVE EXISTING FINTUBE RADIATION AND ASSOCIATED THERMOSTATS, ENCLOSURE, CONTROL WIRING, VALVES ETC. COMPLETE AS REQUIRED. REMOVE EXISTING HOT WATER HEATING PIPING ABOVE FINISHED FLOOR.
  - TO BE CAPPED BELOW FINISHED FLOOR LINE. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED DUCTWORK COMPLETE

REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER SUPPLY

HEATING PIPING UNDERFLOOR TO BE LEFT ABANDONED. ABANDONED PIPING

- REMOVE EXISTING EXHAUST DUCTWORK COMPLETE AS REQUIRED.
- REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED DUCTWORK COMPLETE AS REQUIRED.
- AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. REMOVE EXISTING FAN COIL, ASSOCIATED SUPPLY AIR DUCTWORK, RETURN AIF
- DUCTWORK, REFRIGERANT PIPING, ELECTRICAL CONNECTIONS, CONTROLS ETC. COMPLETE AS REQUIRED.
- REMOVE EXISTING GRADE MOUNTED CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.

REMOVE EXISTING CEILING MOUNTED EXHAUST FAN AND ASSOCIATED

- CONNECTIONS ETC. COMPLETE AS REQUIRED. REMOVE EXISTING HOT WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.
- REMOVE EXISTING THERMOSTATS AND ASSOCIATED CONTROL WIRING/TUBING COMPLETE AS REQUIRED.
- REMOVE EXISTING PNEUMATIC CONTROL VALVE AND ASSOCIATED TUBING AND PNEUMATIC TEMPERATURE CONTROLS. COMPLETE AS REQUIRED. REMOVE EXISTING DUCTWORK ABOVE EXISTING CEILING TO REMAIN.

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MECHANICAL FIRST FLOOR

EARLY LEARNING CENTER ADDITION AND RENOVATION

DEMOLITION PLAN

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MD101

1. CONTRACTOR SHALL CUT MINIMALLY SIZED OPENINGS FOR INSTALLATION DUCTWORK IN THIS AREA.

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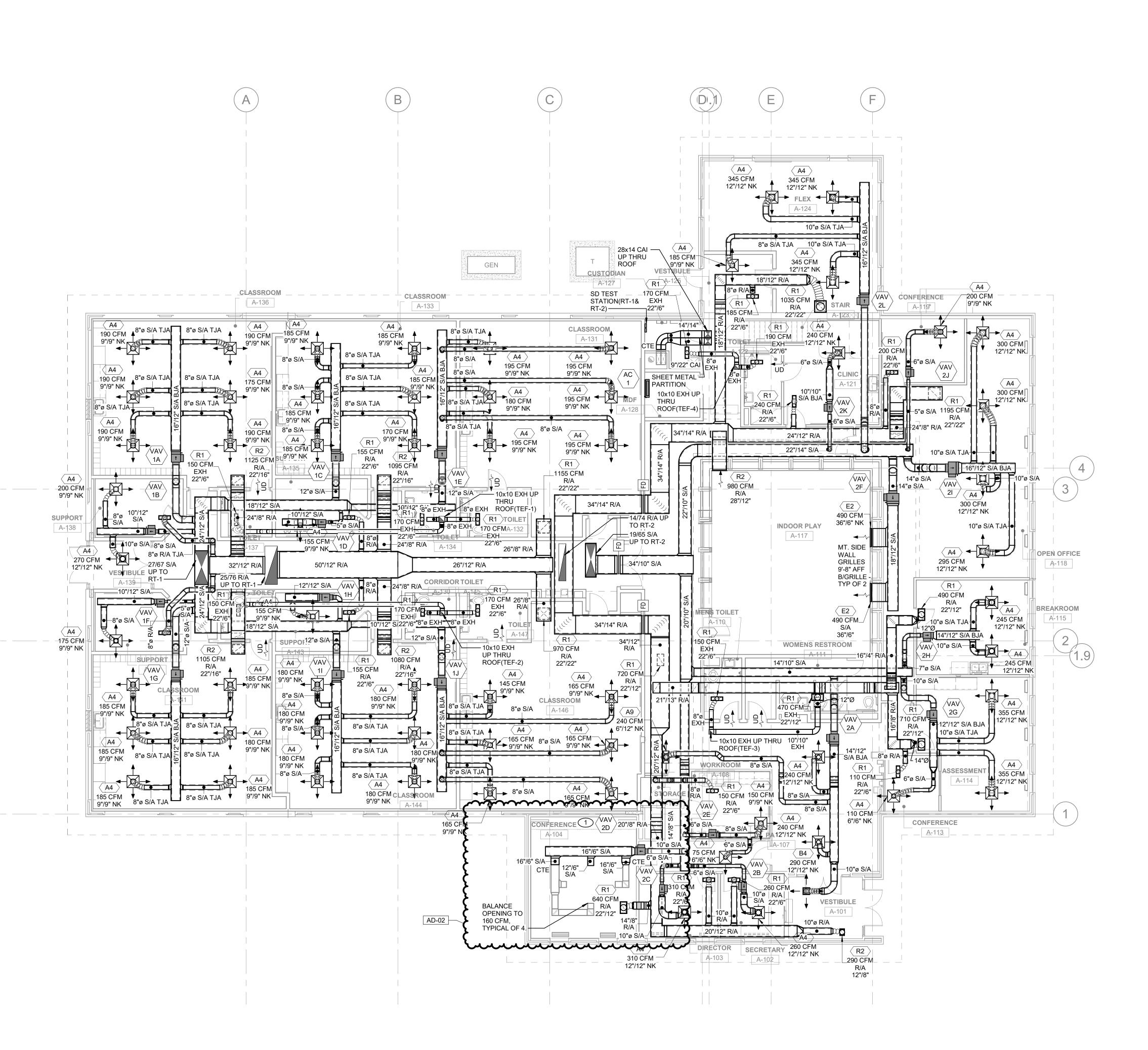
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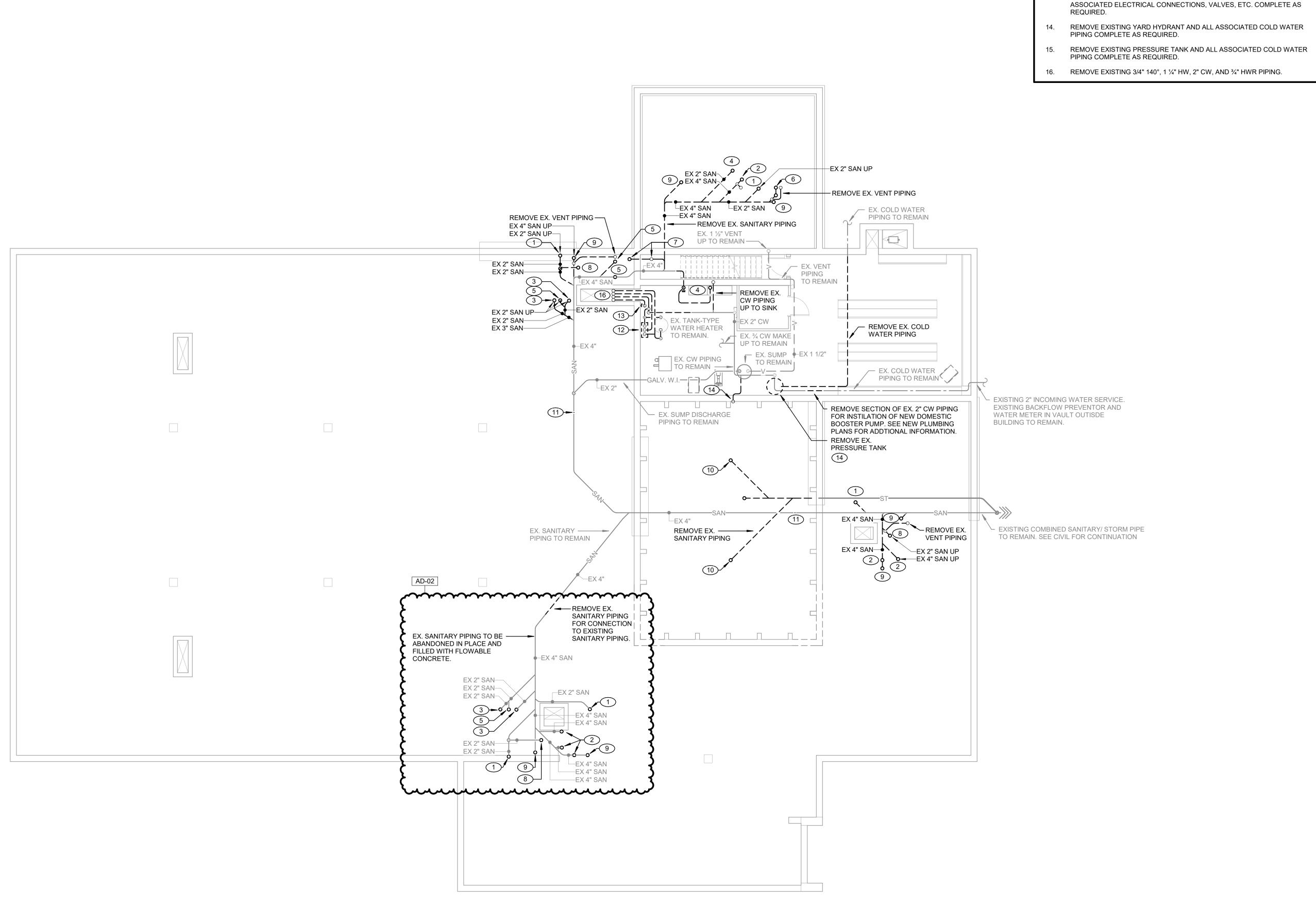
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FLOOR PLAN

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VENT PIPING COMPLETE AS REQUIRED.

COMPLETE AS REQUIRED.

- REMOVE EXISTING LAVATORY AND ALL ASSOCIATED SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED SANITARY AND
- VENT PIPING COMPLETE AS REQUIRED. REMOVE EXISTING URINAL AND FLUSH VALVE AND ALL ASSOCIATED
- SANITARY AND VENT PIPING COMPLETE AS REQUIRED. REMOVE EXISTING SINK AND FAUCET AND ALL ASSOCIATED SANITARY AND
- VENT PIPING COMPLETE AS REQUIRED. REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED SANITARY AND
- REMOVE EXISTING BATH / SHOWER AND FAUCET AND ALL ASSOCIATED SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- REMOVE EXISTING MOP BASIN AND FAUCET AND ALL ASSOCIATED SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- REMOVE EXISTING CLEAN OUT AND ALL ASSOCIATED SANITARY PIPING COMPLETE AS REQUIRED.
- REMOVE EXISTING COURT DRAIN AND ALL ASSOCIATED SANITARY PIPING
- REMOVE EXISTING SANITARY PIPING FOR CONNECTION TO NEW SANITARY PIPING COMPLETE AS REQUIRED.
- REMOVE EXISTING TEMPERED WATER MIXING VALVE AND ALL ASSOCIATED HOT/COLD/TEMPERED WATER PIPING COMPLETE AS REQUIRED.

13. REMOVE EXISTING ELECTRIC HOT WATER RETURN PUMP AND ALL

- PIPING COMPLETE AS REQUIRED.

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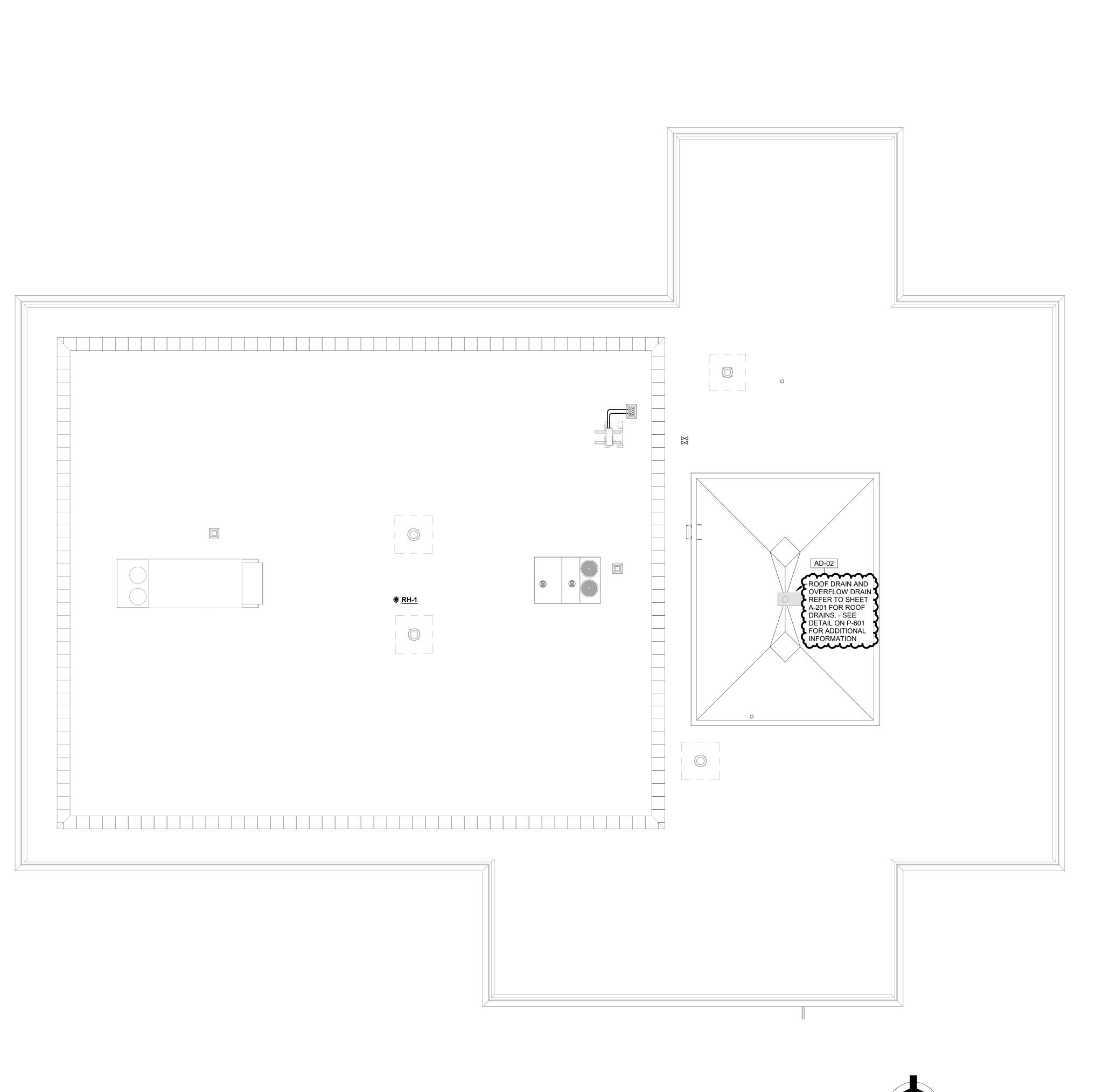
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PLUMBING BASEMENT FLOOR DEMOLITION PLAN

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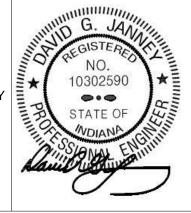
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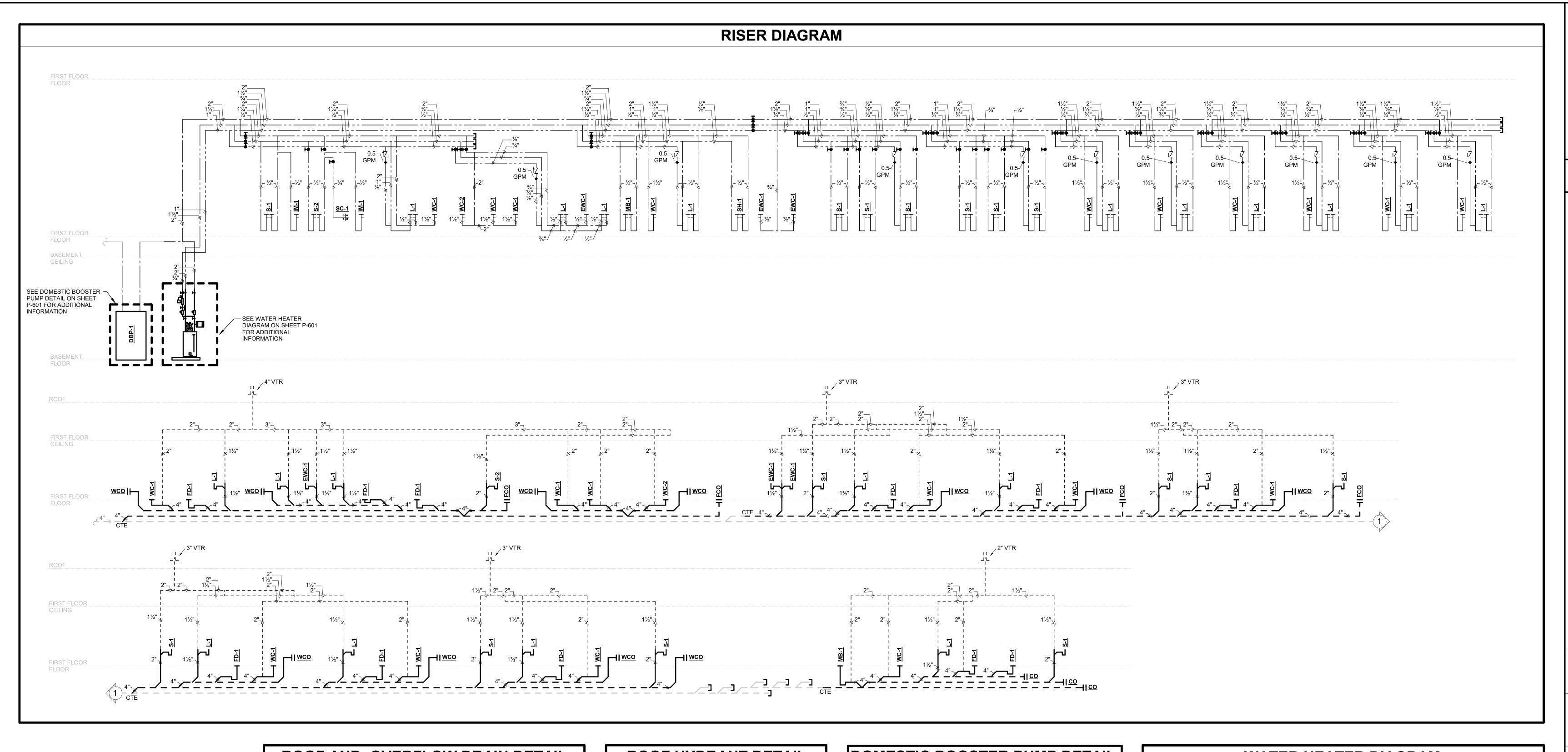
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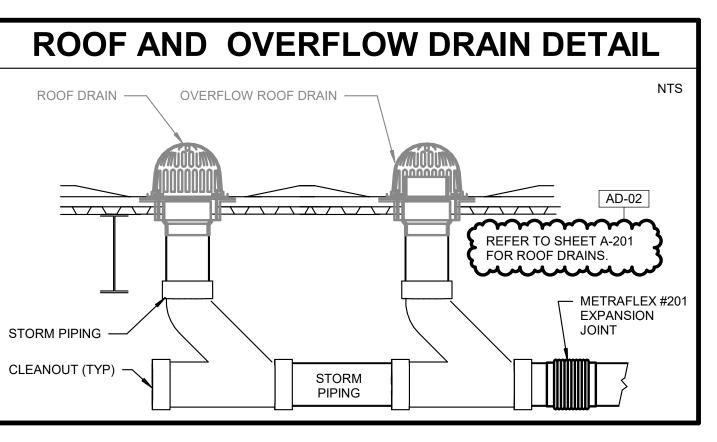
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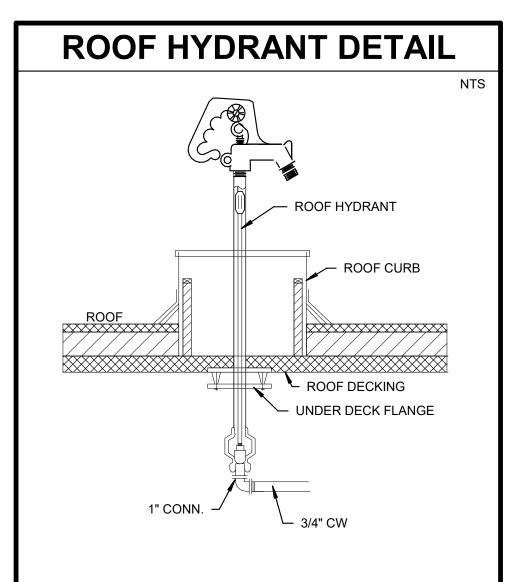
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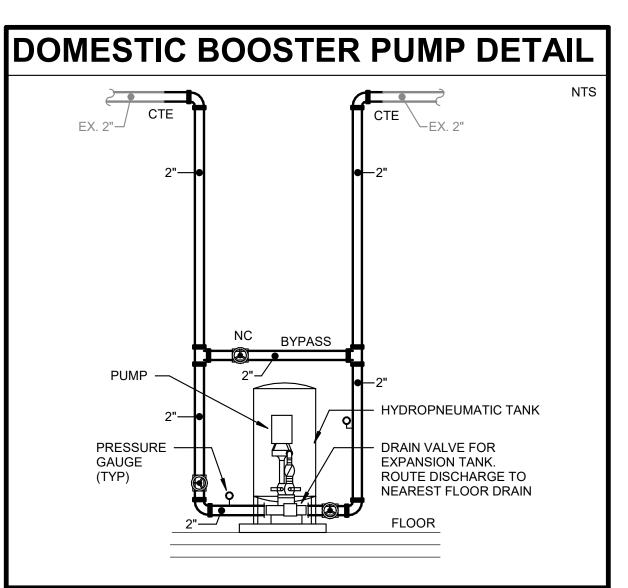
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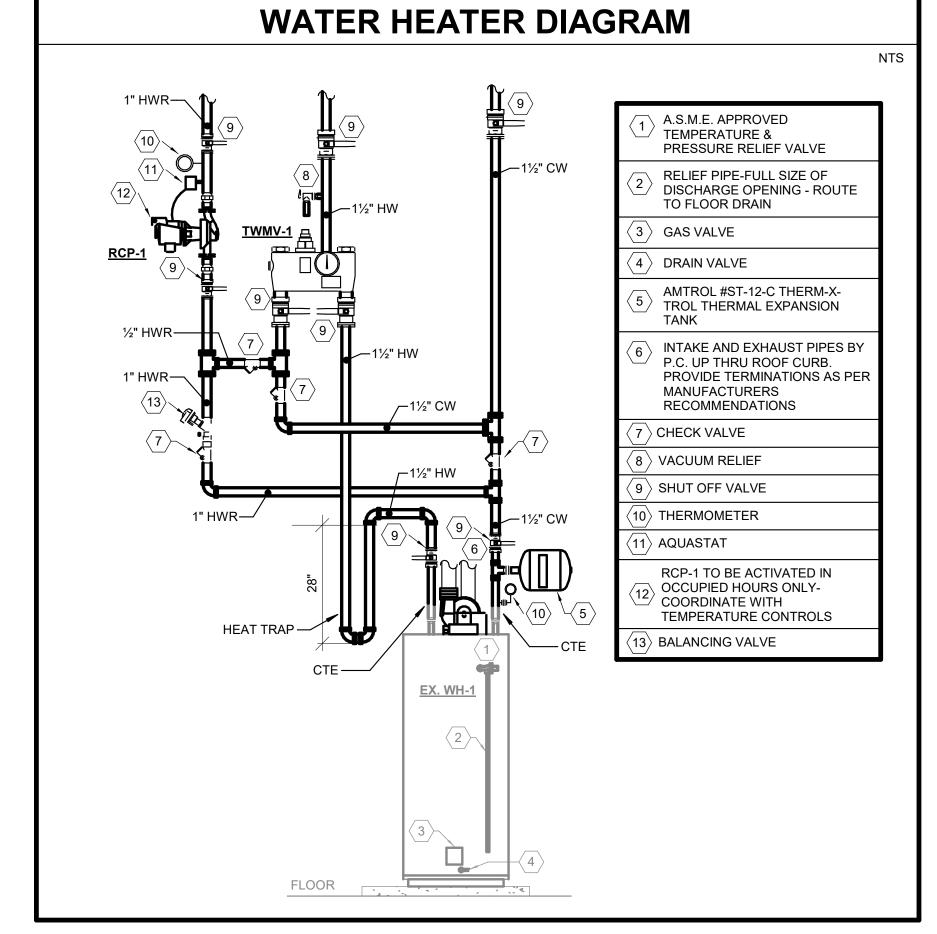
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PLUMBING DETAILS & DIAGRAMS

PROJECT EARLY LEARNING CENTER ADDITION AND RENOVATION

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#### **ABBREVIATIONS LIST** AIR CONDITIONING ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AFG BRKR BREAKER CONDUIT CABINET HEATER CIRCUIT DISTR DISTRIBUTION EXHAUST FAN ELECTRICAL EM EMERGENCY ELECTRICAL METALLIC TUBING EXISTING DEVICE TO BE REMOVED EXISTING DEVICE TO REMAIN EX F&I FURNISH AND INSTALL FS FUSIBLE SWITCH FR FIRST RESPONDER **FVNR** FULL VOLTAGE, NON-REVERSING STARTER GROUND GROUND FAULT INTERRUPTING PROTECTION GALVANIZED RIGID CONDUIT HORSEPOWER JUNCTION BOX KILOVOLT AMPERE KILOWATTS LSI LONG, SHORT, INSTANTANEOUS TRIP MECH MECHANICAL MTD MOUNTED NEW LOCATION OF EXISTING RELOCATED DEVICE NOT IN CONTRACT NIGHTLIGHT NOT TO SCALE NTS ON CENTER POLE PNL REMOVE AND RELOCATE EXISTING DEVICE SER SERVICE ENTRANCE RATED SW SWITCH TYP UON UNLESS OTHERWISE NOTED VOLTS VERIFY IN FIELD VIF WATTS WEATHERPROOF TYPE DEVICE

## **SYMBOL LIST**

## SHEET SYMBOLS

- HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
- ELLIPSE TAG REFERENCE TO SHEET NOTES
- TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.
- REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.
- F&I NEW DEVICE AS INDICATED.
- EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.
- EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.
- NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

## FIRE ALARM

FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.

- FIRE ALARM CONTROL PANEL
- FIRE ALARM ANNUNCIATOR PANEL
- FIRE ALARM PULL STATION MTD 42"AFF.
- FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" A.F. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. - 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. 15 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. 75 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF.
- FIRE ALARM SYSTEM SMOKE DETECTOR CEILING MOUNTED ABOVE FACP
- FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL FAN SHUT DOWN RELAY - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRED PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72
- REMOTE SMOKE DETECTOR TEST STATION WITH LED AND KEYED SWITCH.
- FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRED TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.
- FIRE PROTECTION SPRINKLER FLOW SWITCH
- FIRE PROTECTION SPRINKLER TAMPER SWITCH
- FIRE PROTECTION SPRINKLER ALARM BELL INSTALLED AND WIRED
- ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.

# **EQUIPMENT AND WIRING**

- JUNCTION BOX SIZE AND TYPE AS REQUIRED.
- FLEX CONDUIT CONNECTION
- ELECTRIC PANELBOARDS.
- DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER
- FUSED DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER
- TRANSFORMER SIZE AND TYPE AS REQUIRED
- SURGE SUPPRESSION DEVICE TELEPHONE TERMINAL BOARD
- CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING
- CONDUIT CONCEALED ABOVE CEILING OR IN WALL CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR.

——— CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER

- FLEXIBLE CONDUIT ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK. r LP-A1 #1
  - HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL. INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED) CROSS HATCHED INDICATES NUMBER OF CONDUCTORS (HOT
- PULL BOX, VERIFY EXACT SIZE IN FIELD. SPLICE BOX, VERIFY EXACT SIZE IN FIELD.

OR SWITCHED LEG, NEUTRAL, GROUND)

- CONDUIT STUB UP OUT OF FLOOR
- SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.
- DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER. HAND DRYER REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING LOCATION AND
- SPECIFICATIONS.
- SECURITY SYSTEM DOOR CONTACT ROUGH-IN ONLY ROUTE 3/4"C FROM THE ACCESSIBLE CEILING SPACE AND STUB INTO THE DOOR MULLION.

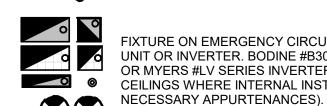
## **RECEPTACLES**

- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #5362 OR EQUAL).
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL)
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE (MOUNTED AT SPECIAL HEIGHT -COORDINATE IN FIELD) (HUBBELL #5362 OR EQUAL)
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION -(MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #GF20 OR EQUAL)
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL #GF20 OR
- SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS).
- FLUSH IN WALL "TV" PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO IDF/MDF AS INDICATED IN THE DATA JACK SYMBOL. STUB 1" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE AT 7'-0" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS.
- WIREMOLD #RFBA4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND TWO (2) DATA JACKS. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. STUB 1-1/4" CONDUITS FROM THE LOW VOLTAGE SECTION OF THE OF THE BOX TO THE ACCESSIBLE CEILING SPACE. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.
- TEACHER PANEL WITH TWO (2) DUPLEX RECEPTACLES AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVER PLATE. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAIL FOR ADDITIONAL INFORMATION.
- WALL MOUNTED PROJECTOR LOCATION WITH ONE (1) DUPLEX RECEPTACLE AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVERPLATE. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAIL FOR ADDITIONAL INFORMATION.
- CEILING MOUNTED PROJECTOR LOCATION WITH ONE (1) QUAD RECEPTACLE AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVERPLATE. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR
- ELECTRICAL POWER FURNITURE FEED. PROVIDE 2 GANG BACK BOX AND EXTEND 1" FLEXIBLE CONDUIT TO THE FURNITURE. COORDINATE REQUIREMENTS WITH THE FURNITURE SUPPLIER.

- FURNISH AND INSTALL TWO BUTTON ON/OFF SWITCH MTD 42" AFF: SENSORSWITCH #SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- FURNISH AND INSTALL TWO BUTTON ON/OFF 3-WAY SWITCH MTD 42" AFF: SENSORSWITCH #SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED
- FURNISH AND INSTALL TWO BUTTON ON/OFF 4-WAY SWITCH MTD 42" AFF: SENSORSWITCH #SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED
- FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH MANUAL ON OPERATION MTD 42" AFF: SENSORSWITCH #WSX-PDT OR APPROVED EQUAL BY COOPER
- WALL MOUNTED 0-10V DIMMER TWO BUTTON ON/OFF SWITCH MTD 42" AFF: SENSORSWITCH, COOPER OR HUBBELL CONTROLS. VERIFY SUITABILITY OF DIMMER WITH FIXTURE MANUFACTURER PRIOR TO
- WALL MOUNTED 0-10V WITH DUAL TECHNOLOGY OCCUPANCY SENSOR TWO BUTTON ON/OFF DIMMER SWITCH MTD 42" AFF: SENSORSWITCH, COOPER OR HUBBELL CONTROLS. VERIFY SUITABILITY OF DIMMER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING.
- FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORSWITCH #CM-PDT-10-MP-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON
- EXTERIOR LIGHTING CONTROL PHOTOCELL
- LED KEY OPERATED TOGGLE TYPE SWITCH
- PROJECTOR SCREEN SWITCH ROUGH-IN. PROVIDE SUITABLE BACK BOX AND STAINLESS STEEL ENGRAVED COVER PLATE FOR SWITCH DEVICES FURNISHED BY EQUIPMENT SUPPLIER.
- LIGHTING SWITCHES MOUNTED UNDER COMMON COVER. SWITCH LEGS SHALL BE SEPARATE SINGLE-GANG DEVICES AS INDICATED IN SYMBOL LIST DESCRIPTION.

## **LIGHTING**

- EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED)
- REMOTE EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED)



FIXTURE ON EMERGENCY CIRCUIT (EM/NL) WITH 90 MINUTE, FULL LUMEN OUTPUT BATTERY UNIT OR INVERTER. BODINE #B30 (FLUORESCENT), BODINE FACTORY INSTALLED DRIVER (LED) OR MYERS #LV SERIES INVERTER (FLUORESCENT OR LED). REMOTE MOUNT IN ACCESSIBLE © CEILINGS WHERE INTERNAL INSTALLATION IS NOT POSSIBLE (PROVIDE TEST SWITCH & ALL

## **SECURITY**

- CARD ACCESS CONTROLLER PROVIDE BACK BOX MOUNTED 42" A.F.F. WITH 3/4"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ELECTRIC DOOR STRIKE STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.
- ELECTRIC DOOR STRIKE FOR EMERGENCY LOCK DOWN STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING
- ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.

# **COMMUNICATIONS**

- AIPHONE EXTERIOR DOOR INTERCOM SYSTEM, MOUNTED 48" A.F.F. PROVIDE BACK BOX WITH 3/4" E CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.
- AIPHONE INTERIOR DOOR INTERCOM SYSTEM, MOUNTED ON OWNER'S DESK. PROVIDE BACK BOX AT 42" A.F.F. WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.
- INTERCOM SYSTEM BUZZER



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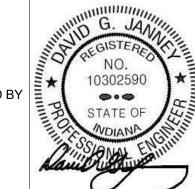
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**ELECTRICAL NOTES, SYMBOLS** & ABBREVIATIONS

PROJECT EARLY LEARNING CENTER ADDITION AND RENOVATION

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E-001

## **GENERAL NOTES**

- EXISTING LIGHT FIXTURES, ELECTRICAL DEVICES, WIRING, ETC. IN THE CEILING OVER THE EXISTING WORK AREA ARE TO BE DISCONNECTED AND REMOVED.
- LOCATE AND REMOVE ALL EXISTING FURNITURE POWER AND DATA FEEDS BACK TO SOURCE LOCATION.





OJECT:

EARLY
LEARNING
CENTER
ADDITION AND
RENOVATION

Tippecanoe School Corporation

111 Walter Scholer Dr, Lafayette, IN 47909



25-147
DATE
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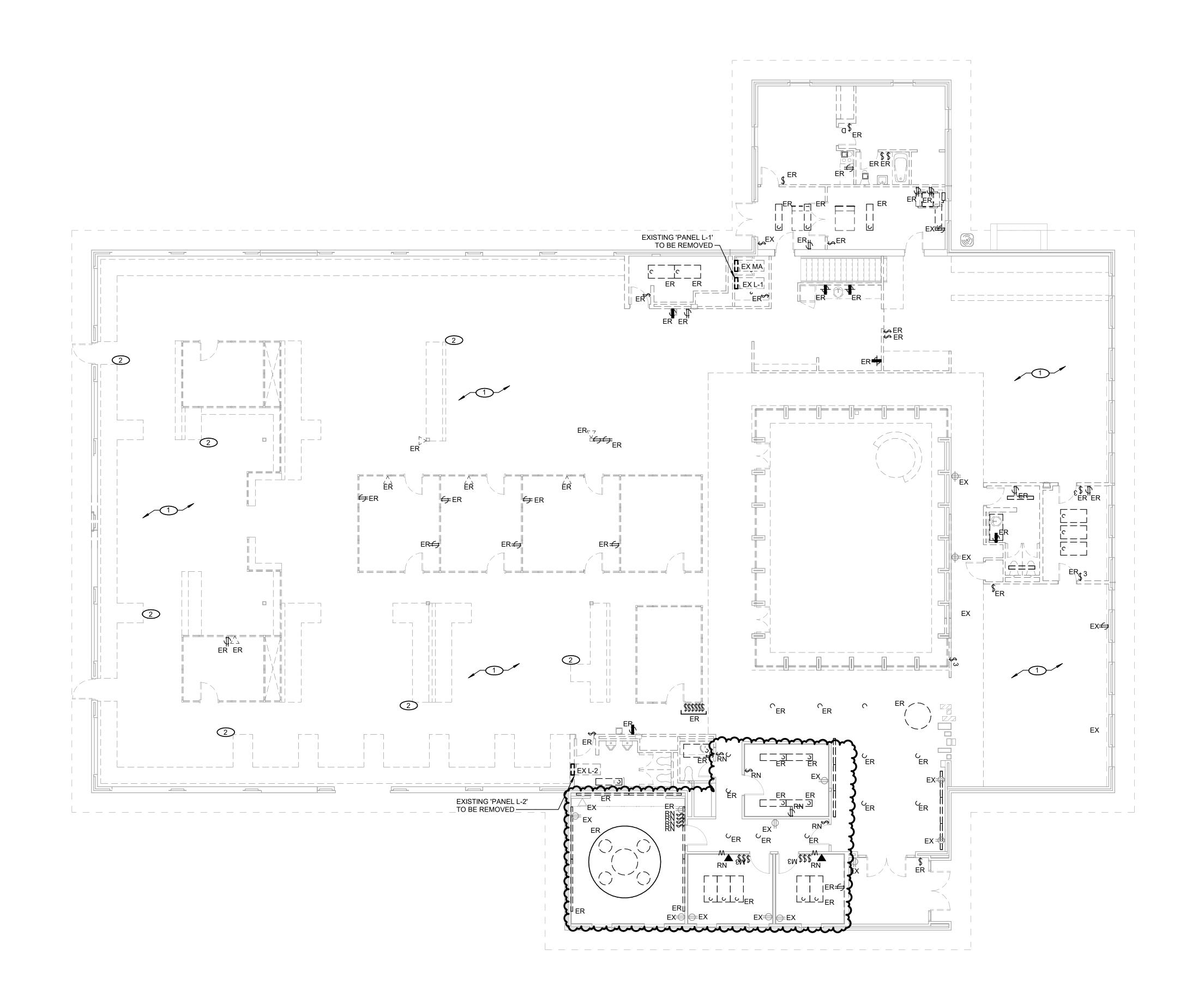
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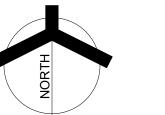
DRAWING
ELECTRICAL FIRST FLOOR
DEMOLITION PLAN

PROJECT
EARLY LEARNING CENTER
ADDITION AND RENOVATION

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ED101





## **GENERAL NOTES**

UNLESS OTHERWISE NOTED. EXTERIOR LIGHTING WITH NORMAL CIRCUIT TAG SHALL BE ROUTED TO EXISTING LIGHTING BRANCH CIRCUITS SERVING EXISTING EXTERIOR LIGHTING AND EXISTING TIME CLOCK AND CONTACTORS. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATED TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND

CIRCUITS WITH AN 'E' PREFIX INDICATES FEED FROM THE EMERGENCY GENERATOR PANEL. CIRCUITS WITH AN 'S' PREFIX INDICATES FEED FROM THE EMERGENCY STANDBY PANEL.

<del>Lucionia de la constanta de l</del>



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EARLY LEARNING CENTER ADDITION AND RENOVATION

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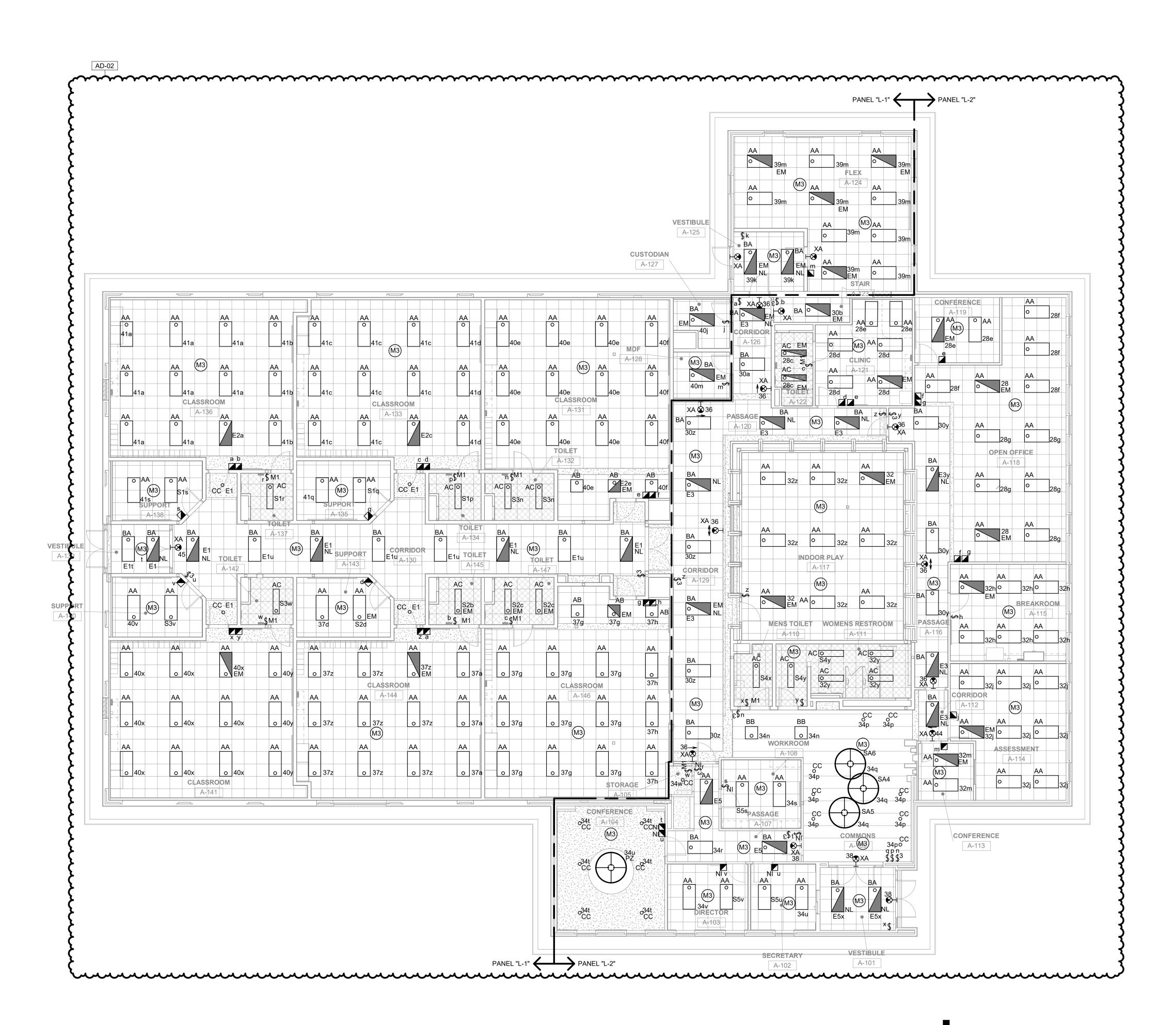
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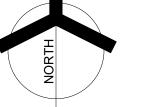
ELECTRICAL LIGHTING FIRST FLOOR PLAN

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02

## **GENERAL NOTES**

1. EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED. REMOVE EXISTING WIRING BACK TO EXISTING BRANCH PANEL. REFER TO MECHANICAL CONNECTION SCHEDULE FOR NEW CIRCUITING AND WIRING.
2. 20A 120-VOLT RECEPTACLES SHALL BE TAMPER RESISTANT IN ALL CLASSROOMS, CORRIDORS, RESTROOMS AND INDOOR PLAY AREAS.

## SHEET NOTES

1. NEW RECEPTACLES AND DEVICES IN THIS SPACE SHALL BE INSTALLED IN EXISTING WOOD PANELING WALLS. CONTRACTOR SHALL REMOVE SECTION OF WOOD PANELING AND CUT OPENING IN WALL AS REQUIRED TO RUN POWER AND LOW VOLTAGE CONCEALED AS INDICATED. REINSTALL WOOD PANELING, COMPLETE AS REQUIRED.





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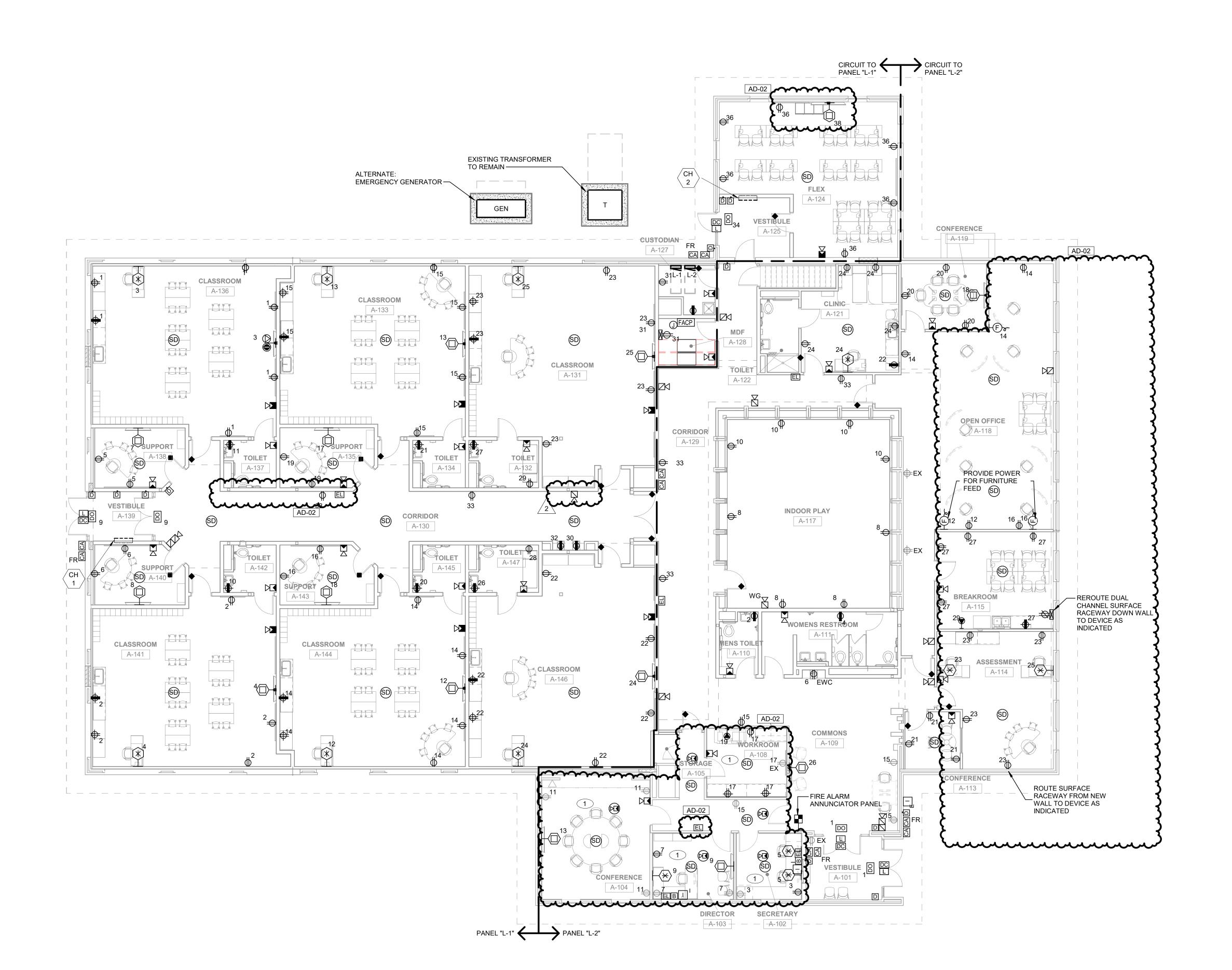
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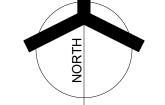
DRAWING
ELECTRICAL POWER FIRST
FLOOR PLAN

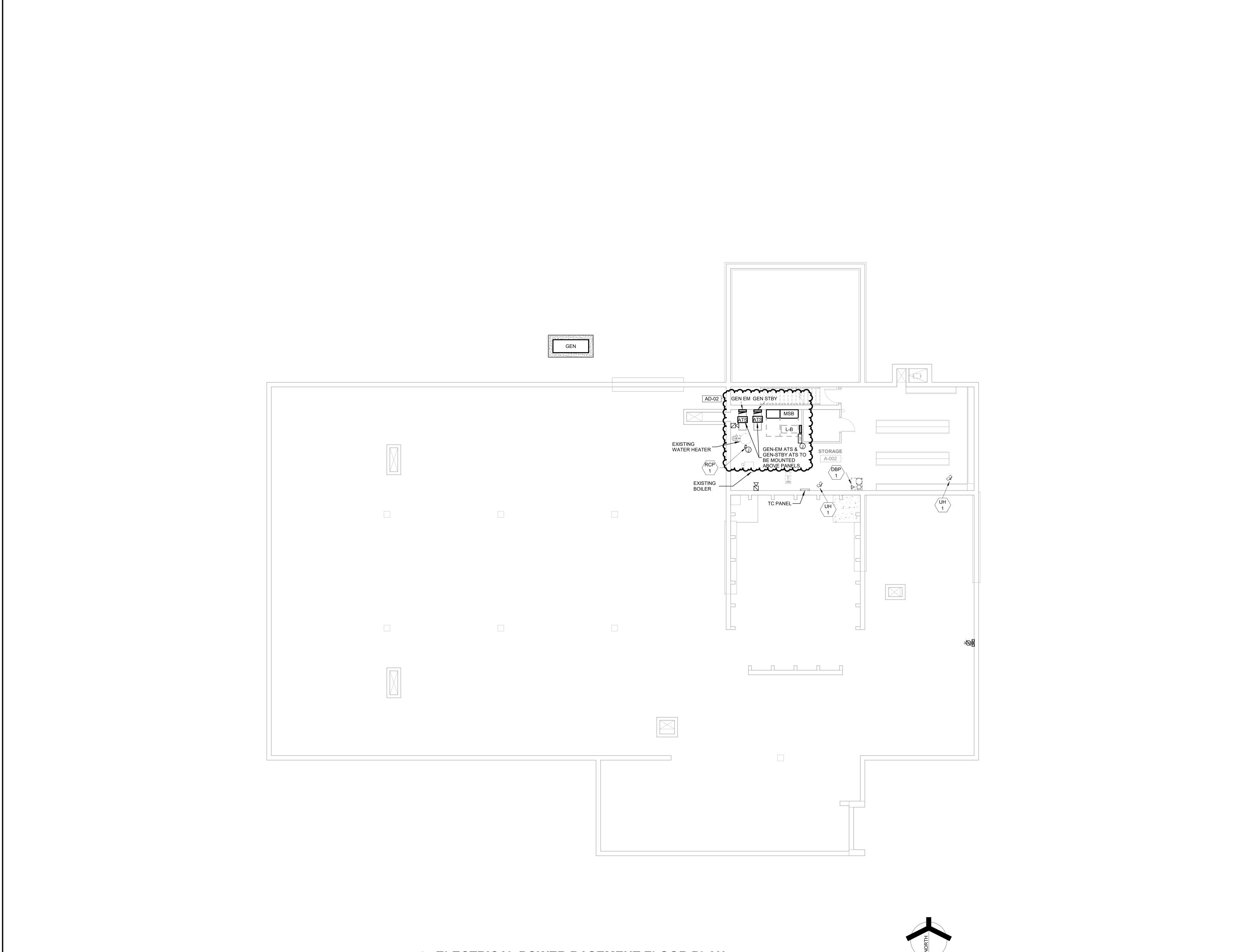
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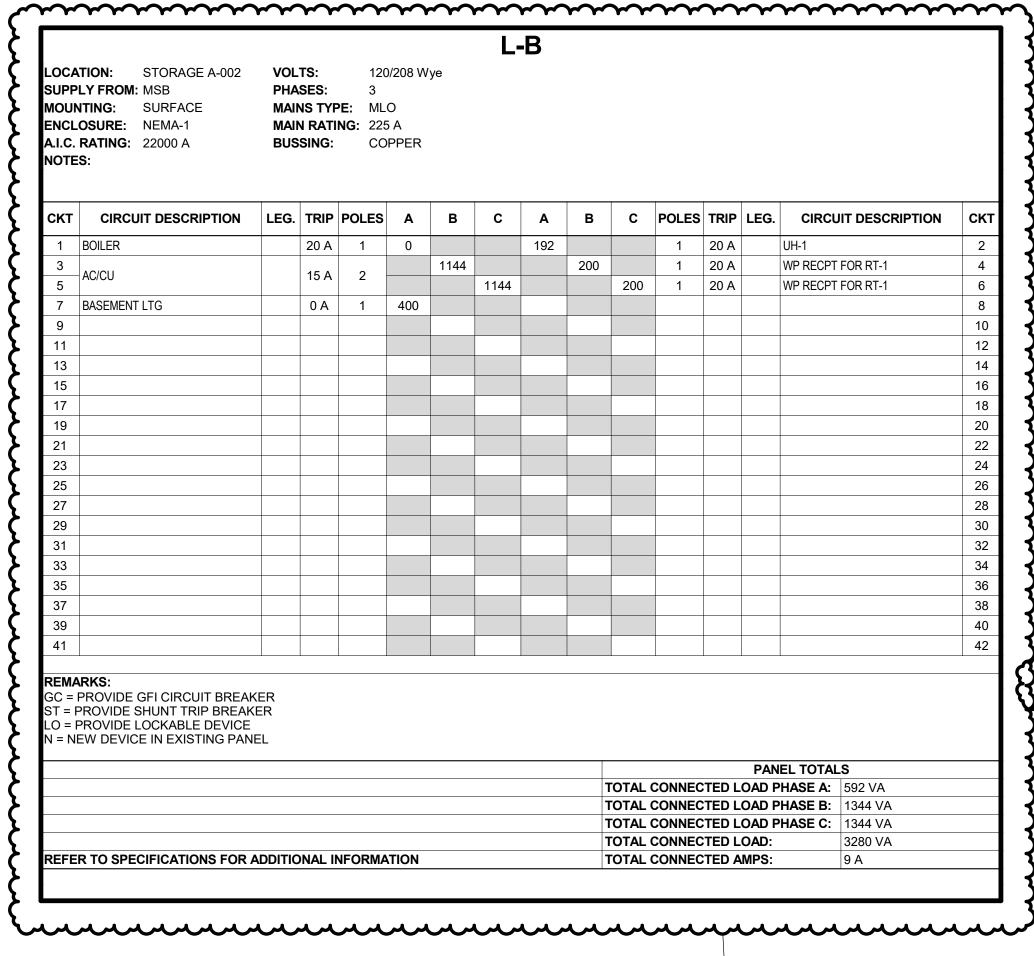
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DRAWING
ELECTRICAL POWER
BASEMENT FLOOR PLAN

EARLY LEARNING CENTER
ADDITION AND RENOVATION

EP102



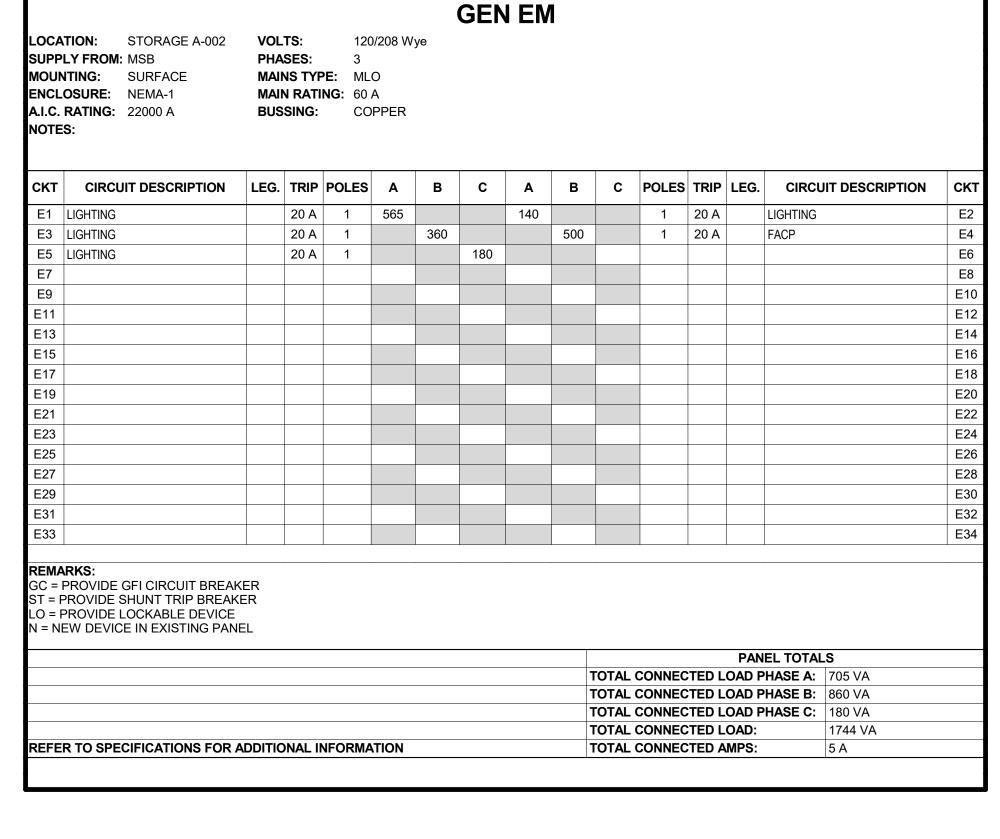
CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	Α	В	С	A	В	С	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CK
1	CLASSRM A-136 RECPT		20 A	1	1600			1000			1	20 A		CLASSRM A-141 RECPT	2
3	CLASSRM A-136 TEACHER		20 A	1		1000			900		1	20 A		CLASSRM A-141 TEACHER	١.
5	SUPPORT A-138 RECPT		20 A	1			400			400	1	20 A		SUPPORT A-140 RECEPT	(
7	SUPPORT A-138 TV		20 A	1	400			400			1	20 A		SUPPORT A-140 TV	-
9	VESTIBULE A-139 DOOR		20 A	1		2400			200		1	20 A		TOILET A-142 RECPT	1
11	TOILET A-132 RECPT		20 A	1			200			900	1	20 A		CLASSROM A-144 TEACHER	1
13	CLASSRM A-133 TEACHER		20 A	1	900			1200			1	20 A		CLASSROM A-144 RECPT	1
15	CLASSRM A-133 RECPT		20 A	1		1600			400		1	20 A		SUPPORT A-143 TV	1
17	SUPPORT A-135 TV		20 A	1			400			400	1	20 A		SUPPORT A-143 RECEPT	1
19	SUPPORT A-135 RECPT		20 A	1	400			200			1	20 A		TOILET A-143 RECEPT	2
21	TOILET A-134 RECPT		20 A	1		200			1200		1	20 A		CLASSRM A-146 RECPT	2
23	CLASSRM A-131 RECPT		20 A	1			1200			900	1	20 A		CLASSROM A-146 TEACHER	2
25	CLASSRM A-131		20 A	1	900			200			1	20 A		TOILET A-147 RECEPT	2
27	TOILET A-143 RECEPT		20 A	1		200			200		1	0 A		A-147 ADJSUTABLE BED	2
29	A-147 ADJSUTABLE BED		0 A	1			200			200	1	20 A	GC	EWC	3
31	MDF A-128 / CUST. A-127 RECPT		20 A	1	600			200			1	20 A	GC	EWC	3
33	CORRIDOR A-130 RECPT		20 A	1		1000			1200		1	20 A		VESTIBULE A-125 DOOR	3
35	CH-1		20 A	1			240			1200	1	20 A		FLEX 1-124 RECPT	3
37	LIGHTING		20 A	1	1275			400			1	20 A		FLEX 1-124 TV	3
39	LIGHTING		20 A	1		540			1315		1	20 A		LIGHTING	4
41	LIGHTING AD-02		20 A	1			1080			500	1	20 A		FACP	4
43		~~	~~	$\sim$	~~	~~	`	0			1	0 A		SPARE	4
45	EXIT SIGNS		20 A	1		5	3		0		1	0 A		SPARE	4
474	SPREELLAND	~~	٠٩٨٠	سب	س	~	<b>7</b> 0			0	1	0 A		SPARE	4
49	SPARE		0 A	1	0			0			1	20 A		SPARE	5
51	SPARE		20 A	1		0			0		1	20 A		SPARE	5
53	SPACE			1							1			SPACE	5
55	SPACE			1							1			SPACE	5
57	SPACE			1							1			SPACE	5
59	SPACE			1							1			SPACE	6

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

TOTAL CONNECTED AMPS:

MOUN ENCL	TION: CUSTODIAN A-127 LY FROM: MSB ITING: SURFACE OSURE: NEMA-1 RATING: 22000 A S:	MAII MAII	SES: NS TYF	3 PE: ML NG: 200		ye	L								
кт	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	Α	В	С	А	В	С	POLES	TRIP LEG.	CIRCU	IT DESCRIPTION	СКТ
1	VESTIBULE A-101 DOOR		20 A	1	2400			200			1	20 A	A-110 REST	ROOM RECPT	2
3	SECTRETARY A-102 RECPT		20 A	1		400			200		1	20 A	A-111 REST	ROOM RECPT	4
5	SECTRETARY A-102 RECPT		20 A	1			1000			200	1	20 A	COMMONS	A-109 RECPT	6
7	DIRECTOR A-103 RECPT		20 A	1	600			800			1	20 A	INDOOR PLA	AY A-117 RECPT	8
9	DIRECTOR A-103 RECPT		20 A	1		900		~~	رووعه	~~	**	204~	INDOOR PL	AXA-117 DECDT	-12
11	CONFERENCE A-104 RECPT		20 A	1			600			200	1	20 A	OPEN OFFIC	CE A-118 RECEPT	12
13	CONFERENCE A-104 TEACHER		20 A	1	400		(	400			1	20 A	OPEN OFFIC	CE A-118 RECEPT	14
15	COMMONS A-109 RECPT		20 A	1		800	(		200		1	0 A	OPEN OFFIC	CE A-118 RECEPT	16
17	WORKROOM A-108 RECPT		20 A	1			1000			400	1	20 A	CONFEREN	CE A-119 TV	18
19	WORKROOM A-108 RECPT		20 A	1	800		}	600			1	20 A	CONFEREN	CE A-119 RECPT	20
21	CONDERENCE A-113 RECPT		20 A	1		600	<b>)</b>		200		1	20 A	CLINIC FRID	OGE	22
23	ASSESSMENT A-114 RECPT		20 A	1			1300			1300	1	20 A	CLINIC A-12	1 RECPT	24
25	ASSESSMENT A-114 TEACHER		20 A	1	500		{	400			1	20 A	COMMONS	A-109 TEACHER	26
27	BREAKROOM A-115 RECPT		20 A	1		1000	<u> </u>		955		1	20 A	LIGHTING		28
	BREAKROOM A-115 FRIDGE		20 A	1			800			405	1	20 A	LIGHTING		30
31	TEF-1		15 A	1	420			1275			1	20 A	LIGHTING		32
33	TEF-2		15 A	1		420			918		1	20 A	LIGHTING		34
35	TEF-3		15 A	1			420			45	1	20 A	EXIT SIGNS		36
	TEF-4		15 A	1	420		<b>\</b>	15			1	20 A	EXIT SIGNS		38
	EXTERIOR LTG		20 A	1		0	<b>\</b>	-	168	4 44	1	20 A	CH-2	<del>~~~~</del>	40
	SPARE		20 A	1			0			9		20 A	SPARE		42
	SPARE		20 A	1	0			0			1	20 A	SPARE		44
	SPARE		20 A	1		0			0		1	20 A	SPARE		46
	SPARE		20 A	1	_		0			0	1	20 A	SPARE		48
	SPARE		20 A	1	0			0			1	20 A	SPARE		50
	SPACE			1					0		1	20 A	SPARE		52
	SPACE			1							1		SPACE		54
	SPACE			1							1		SPACE		56
	SPACE			1							1		SPACE		58
59	SPACE			1							1		SPACE		60

	MSB						GEN	1 EM							(	GEN S	STBY			
ATION: STORAGE A-002 PLY FROM: JINTING: SURFACE LOSURE: NEMA-1 RATING: 65000 A TES:	VOLTS: 120/200 PHASES: 3 MAINS TYPE: MLO MAIN RATING: 600 A BUSSING: COPPE	·		LOCATION: STORAGE A-002 SUPPLY FROM: MSB MOUNTING: SURFACE ENCLOSURE: NEMA-1 A.I.C. RATING: 22000 A NOTES:	VOLTS: PHASES: MAINS TYPE MAIN RATIN BUSSING:								MOUNTING: SURFACE MAI ENCLOSURE: NEMA-1 MAI	.TS: 120 ASES: 3 NS TYPE: ML N RATING: 60 A SSING: CO	)/208 Wye O A					
		ERCURRENT	CONDUIT	OVT OIDQUIT DECODIDEION	LEO TRIB	0150 4	D 0		D 0 D0	N EO TRIR	LEG. CIRCUIT DESCRIPTION	N OKT	CKT CIRCUIT DESCRIPTION LEG.	TDID DOLED	A D		A   D	0 00 50 7	DID I FO	CIRCUIT DESCRIPTION
T CIRCUIT DESCRIPTION	Load AMPS RATING		CONDUIT LENGTH REMARKS	CKT CIRCUIT DESCRIPTION	LEG. TRIP		ВС	A E	в с РС	OLES TRIP				TRIP POLES						
L-B L-1	3280 VA 9 A 0 A 30255 VA 84 A 0 A		27' - 1 44' - 10	E1 LIGHTING E3 LIGHTING	20 A 20 A		360	140	00	1 20 A 1 20 A	LIGHTING FACP	E2 E4		20 A 1 20 A 1	190 195		195			GHTING GHTING
L-2	24451 VA 68 A 0 A		42' - 7	E5 LIGHTING E5 LIGHTING	20 A		180	50	00	1 20 A	IAUF	E6		20 A 1	195	135				ECIRC PUMP
RT-1	71333 VA 343 A 250 A		158' - 0	E7	20 A	1	100					E8		20 A 1	0	100		1 2	NO A	-OINO F UIVIF
RT-2	35299 VA 170 A 150 A		96' - 1	E9								E10	SO	20 / 1	U					
GEN EM	1744 VA 5 A 0 A	3	17' - 5									E10	S11							
GEN STBY	1365 VA 4 A 0 A	3	14' - 1	E11								E12	S11 S12							
				E13									513 C4F							
				E15								E16	S15							
)				E17								E18	\$17							
				E19								E20	\$19							
				E21								E22	S21							
				E23								E24	S23							
				E25								E26	S25							
				E27								E28	S27							
				E29								E30	S29							
, , , , , , , , , , , , , , , , , , ,				E31								E32	S31							
				E33								E34	S33							
TOTAL LOAD PHAS	PAD: 167726 466 A E A: 38235 VA 319 A E B: 58126 VA 510 A E C: 71365 VA 620 A			REMARKS: GC = PROVIDE GFI CIRCUIT BREAK ST = PROVIDE SHUNT TRIP BREAK LO = PROVIDE LOCKABLE DEVICE N = NEW DEVICE IN EXISTING PAN	ER								REMARKS: GC = PROVIDE GFI CIRCUIT BREAKER ST = PROVIDE SHUNT TRIP BREAKER LO = PROVIDE LOCKABLE DEVICE N = NEW DEVICE IN EXISTING PANEL							
TOTAL LUAD PHAS	E C. [1303 VA] 020 A										PANEL TOTALS								PANEL	TOTALS
ARKS:							<u> </u>				AD PHASE A: 705 VA							OTAL CONNECTI		
OVIDE INTEGRAL TVSS PER SPECIFICAT											AD PHASE B: 860 VA							OTAL CONNECTI		
IN CIRCUIT BREAKER SHALL FEATURE S											AD PHASE C: 180 VA							OTAL CONNECTI		
RANCH CIRCUIT BREAKERS SHALL FEATU OMPLETE SPECIFIED FAULT CURRENT AN				DEFEN TO OPPOSE STORY	ADDITION				TOTAL CON				DEED TO OBSOLUTIONS TO THE		TION			OTAL CONNECTI		1365 VA
EE ONE-LINE DIAGRAM FOR ADDITIONAL I				REFER TO SPECIFICATIONS FOR A	ADDITIONAL IN	ORMATION			TOTAL CON	INECTED A	<b>IPS:</b> 5 A		REFER TO SPECIFICATIONS FOR ADDITION	DNAL INFORMA	TION		TC	OTAL CONNECTI	ED AMPS:	4 A



	S:															
CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	Α	В	С	A	В	С	POLES	TRIP	LEG.	CIRCUI	T DESCRIPTION	СКТ
S1	LIGHTING		20 A	1	190			195			1	20 A		LIGHTING		S2
S3	LIGHTING		20 A	1		195			150		1	20 A		LIGHTING		S4
S5	LIGHTING		20 A	1			135			500	1	20 A		RECIRC PUM	IP	S6
S7	TC PANEL		20 A	1	0											S8
S9																S10
S11																S12
S13																S14
S15																S16
S17																S18
S19																S20
321																S22
S23																S24
S25																S26
527																S28
S29																S30
S31																S32
S33																S34
iC = T = F O = F	ARKS: PROVIDE GFI CIRCUIT BREAK PROVIDE SHUNT TRIP BREAK PROVIDE LOCKABLE DEVICE EW DEVICE IN EXISTING PAN	ŒR											DAN			
										TOTAL 4	CONNEC	TED I		PHASE A:		
														PHASE B:		
														PHASE C:		
											CONNEC				1365 VA	
	R TO SPECIFICATIONS FOR	ADDITIO		IFODIA	TION					TOTAL					1 A	



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AD-02 07/30/25 ADDENDUM NO. 2

ELECTRICAL SCHEDULES

PROJECT EARLY LEARNING CENTER ADDITION AND RENOVATION

E-501

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TYPE	DESCRIPTION	MANUFACTURE	SERIES OR CATALOG NUMBER	LAMP	COLOR TEMP M	IN LUMENS	MAX WATTS	VOLTS	CONTROL	MOUNTING TYPE	MOUNTING HEIGHT	REMARKS
AA	2'X4' RECESSED VOLUMETRIC LED FIXTURE WITH TUNABLE WHITE FOR CLASSROOMS	METALUX	24EN-LD2-67-UNV-840-U	LED	4000K	6700 LM	57 W	120/277V	0-10V	RECESSED LAY-IN		
AB	2'X2' RECESSED VOLUMETRIC LED FIXTURE WITH TUNABLE WHITE FOR CLASSROOMS	METALUX	22EN-LD2-34-UNV-840-U	LED	4000K	3200LM	26 W	120/277V	0-10V	RECESSED LAY-IN		
AC	1'X4' RECESSED VOLUMETRIC LED FIXTURE WITH TUNABLE WHITE FOR CLASSROOMS	METALUX	14EN-LD2-XX-UNV-840-U	LED	4000K	4114 LM	33 W	120/277V	0-10V	RECESSED LAY-IN		
ВА	2'X4' RECESSED VOLUMETRIC LED FIXTURE	METALUX	24CZ2-40-UNV-L940-CD1-U	LED	4000K	3000 LM	25 W	120/277V	0-10V	RECESSED LAY-IN		
CC	6" DIAMETER LED OPEN DOWNLIGHT WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE	HALO LITHONIA PRESCOLITE	LDN6-40-15-LO6-AR-LSS-TRW-MVOLT-GZ1 HC6XXD010-HM6XX835-61WDHWF LTR-6RD-H-XXXXL-DM1-LTR-6RD-T-XX35K8WD-SSWT	LED	4000K	500 LM	43 W	120/277V	0-10V	RECESSED LAY-IN/ DRYWALL		
SA4		LUMENWERX	#CURV2RIS-D-4FT-HLO-FS-90CRI-500LMF-40K-12V	LED		50000LM	150 W	120/277V	0-10V	SURFACE		
SA5	5' DIAMETER DECORATIVE RING LIGHT	LUMENWERX	#CURV2RIS-D-5FT-HLO-FS-90CRI-500LMF-40K-12V	LED	4000K	50000LM	190 W	120/277V	0-10V	SURFACE		
SA6	6' DIAMETER DECORATIVE RING LIGHT	LUMENWERX	#CURV2RIS-D-6FT-HLO-FS-90CRI-750LMF-40K-12V	LED	4000K	72000LM	235 W	120/277V	0-10V	SURFACE		
SB	- CHREACE MOUNTED LED MRADAROUND FUXTURE WHITH CHRYEDSMOOTH DIEFUSER	METALUX	SQ8-XL-U-35									
~~	6' DIAMETER DECORATIVE PENDANT RING LIGHT		#CURV2RIS-D-6FT-HLO-FS-90CRI-350LMF-60K-12V	MANA MANA		****		****	*****	h ha	-	
PZ		LUMENWERX		LED	6000K	35000LM	335W	120/277V	0-10V	PENDANT		
سِ	······································	······································		my	······	·····	uuu				······································	······································
ĖĠ	LED POLE MOUNTED AREA LIGHITNG FIXTURE	LITHONIA VIPER	VP-2-320L 170L-340-4K7-3-UNV-ASQU-BLT-BC	LED	4000K	15000	102 W	120/277V	0-10V	POLE		
XA	LED DIE-CAST ALUMINUM SINGLE FACE EXIT SIGN, GREEN LETTERING, BRUSHED ALUMINUM, NICAD BATTERY, SELF-DIAGNOSTICS	SURELITES LITHONIA DUAL LITE	CX71SD LE-S-1-G-ELN-SD SESRWEI	LED			1 W	120/277V		WALL/CEILING		
ХВ	LED DIE-CAST ALUMINUM DUAL FACE EXIT SIGN, GREEN LETTERING, BRUSHED ALUMINUM, NICAD BATTERY, SELF-DIAGNOSTICS	SURELITES LITHONIA	CX72SD LE-S-2-G-ELN-SD	LED			1 W	120/277V		WALL/CEILING		

	MECHANICAL EQUIPMENT CONNECTION SCHEDULE																			
		LOAD									FEEDER		DISCONN		ECT SWITCH			STARTER		
															PRO	V. BY		PROV.	BY:	
TAG	DESCRIPTION	WATTS	HP	MCA	FLA	MOCP	VOLT	PHASE	PANEL	CKT. NO.	CABLE	CONDUIT	SIZE	FUSE	M.C./P.C.	E.C.	TYPE	M.C./P.C.	E.C.	REMARKS
AC / CU-1	AC / CONDENSING UNIT	2288		11		15	208	1	L-B	3,5								Х		
DBP-1	DOMESTIC BOOSTER PUMP				9.1		208	3		<unnamed></unnamed>										
EWC-1					5		120	1												
RCP-1	RECIRCULATION PUMP	0			2.1		120	1												
RT-1	ROOF TOP UNIT	71333		198		250	208	3	MSB	4								Х		
RT-2	ROOF TOP UNIT	35299		120		150	208	2		<unnamed></unnamed>								Х		
TEF-1	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	31									Х	
TEF-2	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	33									Х	
TEF-3	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	35									Х	
TEF-4	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	37									Χ	
UH-1	UNIT HEATER	96			0.8	15	120	1	L-B	2								Х		
UH-1	UNIT HEATER	96			0.8	15	120	1	L-B	2								Χ		



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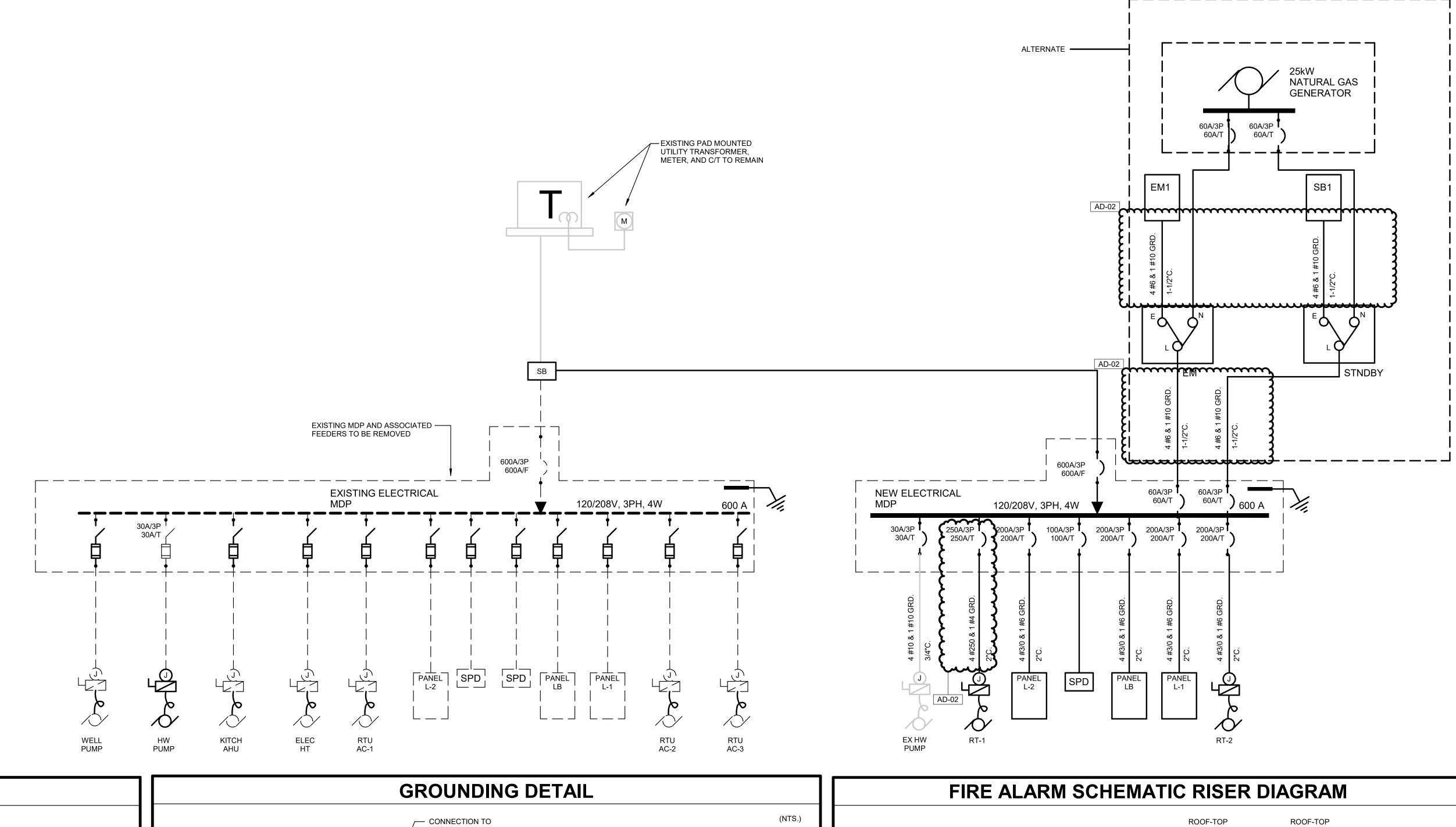
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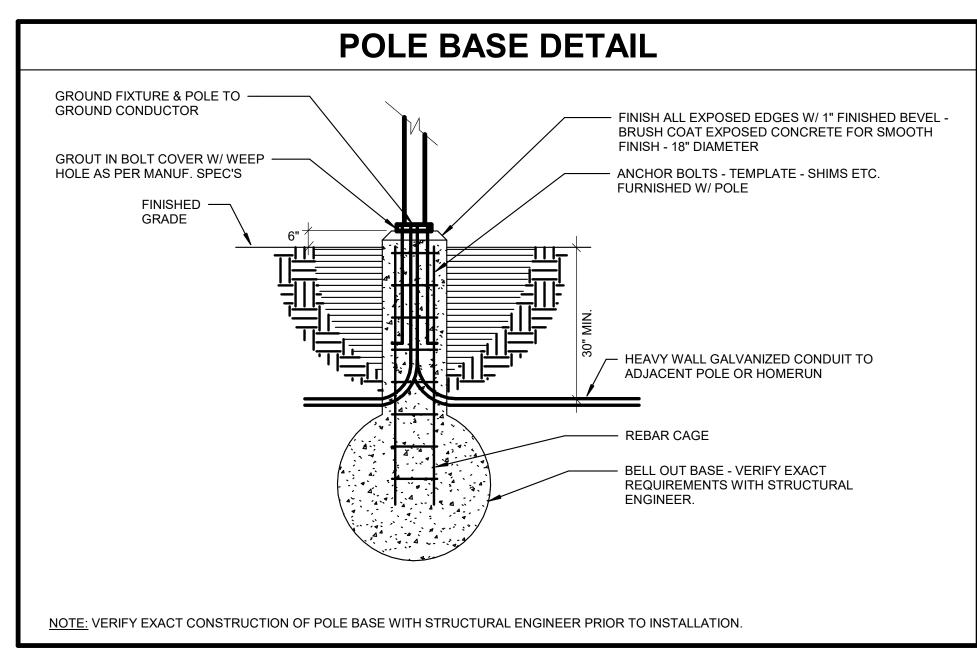
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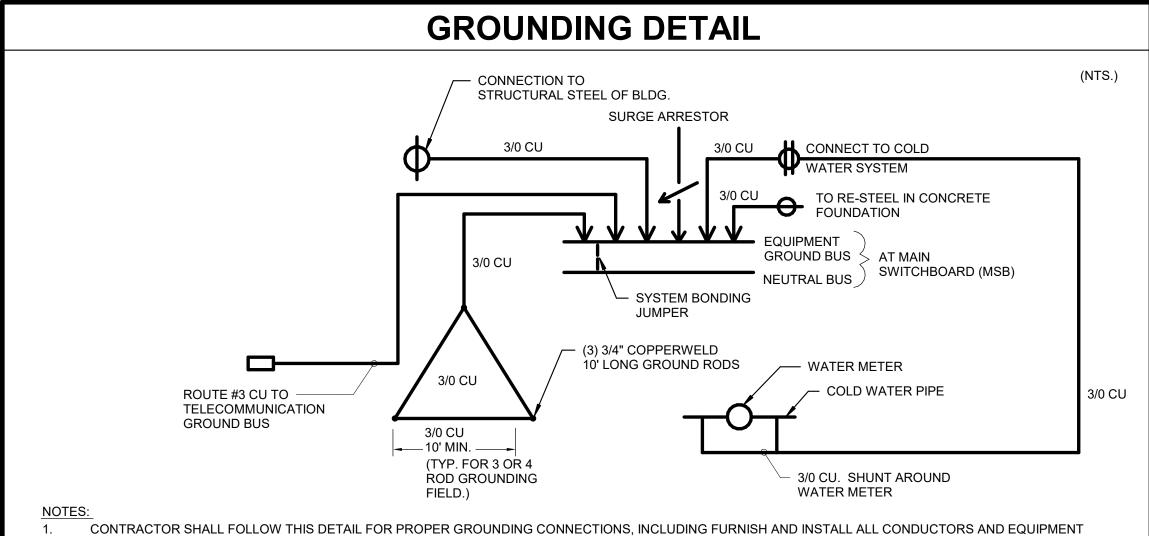
DRAWING ELECTRICAL SCHEDULES

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ADDITION AND RENOVATION

E-502







SUCH AS GROUND RODS, SURGE ARRESTOR, GROUND BUS, ETC. TO PROPERLY GROUND/BOND ALL EQUIPMENT. SYSTEM GROUNDING FOR INTERIOR DISTRIBUTION TRANSFORMERS SHALL BE MADE TO A GROUNDING ELECTRODE AS NEAR AS PRACTICAL TO, AND PREFERABLY IN THE SAME AREA AS, THE TRANSFORMER. THE ELECTRODE SHALL BE THE NEAREST OF A METAL WATER PIPE GROUNDING ELECTRODE OR

- GROUNDING ELECTRODE RESISTANCE SHALL BE 25 OHMS OR LESS, SHOULD THE MEASURED RESISTANCE BE HIGHER THAN 25 OHMS, ADDITIONAL SUPPLEMENTAL ELECTRODES SHALL BE PROVIDED AS REQUIRED TO REACH A RESISTANCE TO EARTH OF 25 OHMS OR LESS.
- IN ADDITION TO THE ABOVE DEPICTED CONNECTIONS, CONTRACTOR SHALL PROVIDE ALL GROUND RODS, GROUND GRIDS, AND OTHER GROUNDING ELECTRODES AS REQUIRED BY THE UTILITY COMPANY AND MAKE CONNECTIONS TO UTILITY EQUIPMENT PER UTILITY COMPANY STANDARDS.

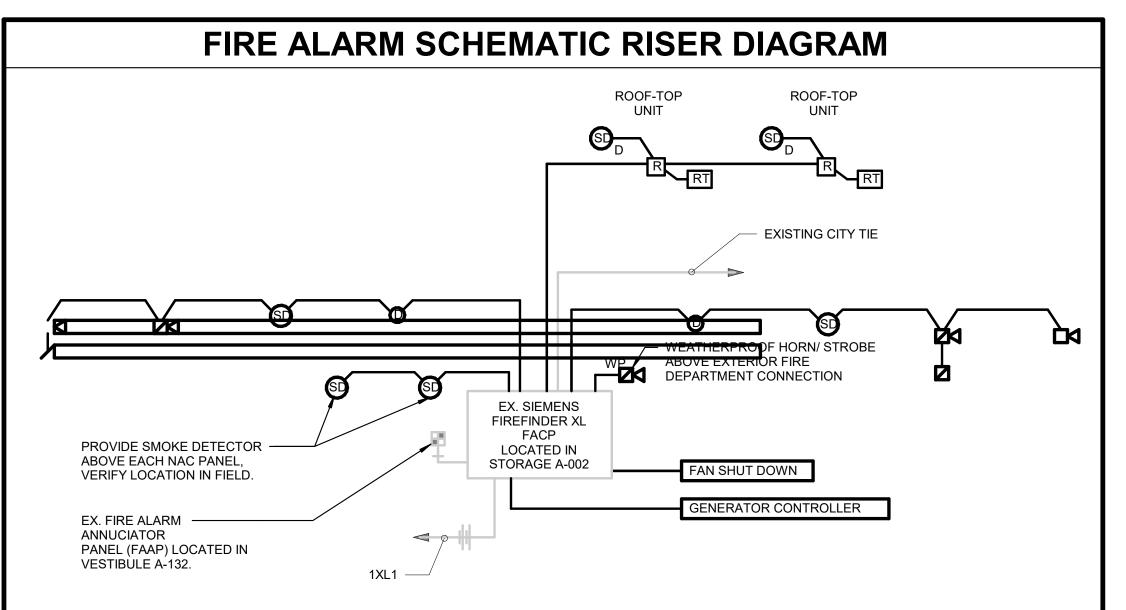
#### KEY TO ELECTRICAL CIRCUIT WIRING —— PHASE CON DUCTOR(S), SWITCH LEG OR GO-BETWEEN ( — NEUTRAL CONDUCTOR(S) GROUND CONDUCTOR(S) #1,3,5 ALL CONDUCTORS #12 AWG NOTED UNLESS OTHERWISE PANEL DESIGNATION CIRCUIT NO. DESIGNATION NOTES: ALL WIRING SHALL BE #12 AWG, UNLESS OTHER WISE NOTED. MINIMUM CONDUIT SIZE SH ALL BE 3/4" EXCEPT FOR THREE (3) WIRES OR LESS, OR

CONTROL WIRING WITHIN BUILDINGS, WHICH MAY BE 1/2" CONDUIT.

STRUCTURAL METAL GROUNDING ELECTRODE.

DRINKING WATER ----COOLER VERIFY ROUGH-IN-HEIGHT WITH APPROVED MFG. SHOP DRAWING PLAN SYMBOL \_\_\_\_\_ 1/2" FLEXSTEEL, GREENFIELD OR SEALITE SHALL BE THE MINIMUM SIZE INSTALLED.

WATER COOLER WIRING DETAIL (NTS.) RECEPTACLE CIRCUIT SHALL BE PROVIDED WITH GFI CIRCUIT BREAKER AS REQUIRED BY CODE COORDINATE RECEPTACLE LOCATION PRIOR TO — ROUGH-IN TO ENSURE THE RECEPTACLE IS LOCATED WITHIN THE EWC ENCLOSURE AND ACCESSIBLE FROM THE STANDARD ACCESS PANEL IN THE EWC ENCLOSURE.



THIS DIAGRAM IS SCHEMATIC ONLY AND DOES NOT SHOW ALL FIRE ALARM DEVICES. AIR HANDLING UNITS. ROOF-TOP UNITS OR FIRE PROTECTION DEVICES - REFER TO ALL PLANS AND SPECIFICATIONS FOR QUANTITIES, LOCATION, ACCEPTABLE MANUFACTURERS, ETC.

ELECTRICAL CONTRACTOR SHALL FURNISH DUCT SMOKE DETECTORS. MECHANICAL CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTOR AND ELECTRICAL CONTRACTOR SHALL MAKE FINAL WIRING CONNECTIONS AS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES OF DUCT SMOKE DETECTORS.

ELECTRICAL CONTRACTOR SHALL PROVIDE INTERLOCKING BETWEEN DUCT SMOKE DETECTORS, FIRE ALARM CONTROL PANEL, AIR HANDLING UNITS, ROOF-TOP UNITS, ANSUL SYSTEM AND FAN SHUT DOWN RELAYS SO THAT UPON ACTIVATION OF FIRE ALARM SYSTEM, ALL AIR HANDLING EQUIPMENT AND SMOKE/FIRE DAMPER SHALL SHUT DOWN. ALL AIR HANDLING EQUIPMENT SHALL START AUTOMATICALLY (AND SEQUENTIALLY) UPON RESETTING OF THE FIRE ALARM SYSTEM.

ELECTRICAL CONTRACTOR SHALL CONNECT SMOKE/FIRE DAMPERS THROUGHOUT FACILITY TO CLOSE DAMPERS UPON ACTIVATION/ALARM OF SMOKE DUCT DETECTOR MOUNTED IN DUCT AHEAD OF RESPECTIVE DAMPER OR LOCAL SMOKE DETECTORS, COMPLETE AS REQUIRED. VERIFY LOCATION AND QUANTITIES ON MECHANICAL AND ARCHITECTURAL PLANS AND IN FIELD. INTERLOCK SMOKE DUCT DETECTORS AND DAMPERS WITH FIRE ALARM CONTROL PANEL, COMPLETE AS REQUIRED.

PROVIDE ADDITIONAL PARTS, ACCESSORIES, CARDS, ETC. AS REQUIRED TO COMPLETE THE WORK. FIRE ALARM DEVICES SHALL BE CONNECTED TO THE FIRE ALARM POWER SUPPLY AND BATTERIES OF THE SYSTEM AND SHALL NOT BE CONNECTED TO NORMAL POWER.

PROVIDE ALL RELAYS AND DEVICES AS REQUIRED TO MONITOR GENERATOR STATUS INCLUDING GENERATOR RUNNING AND GENERATOR TROUBLE.

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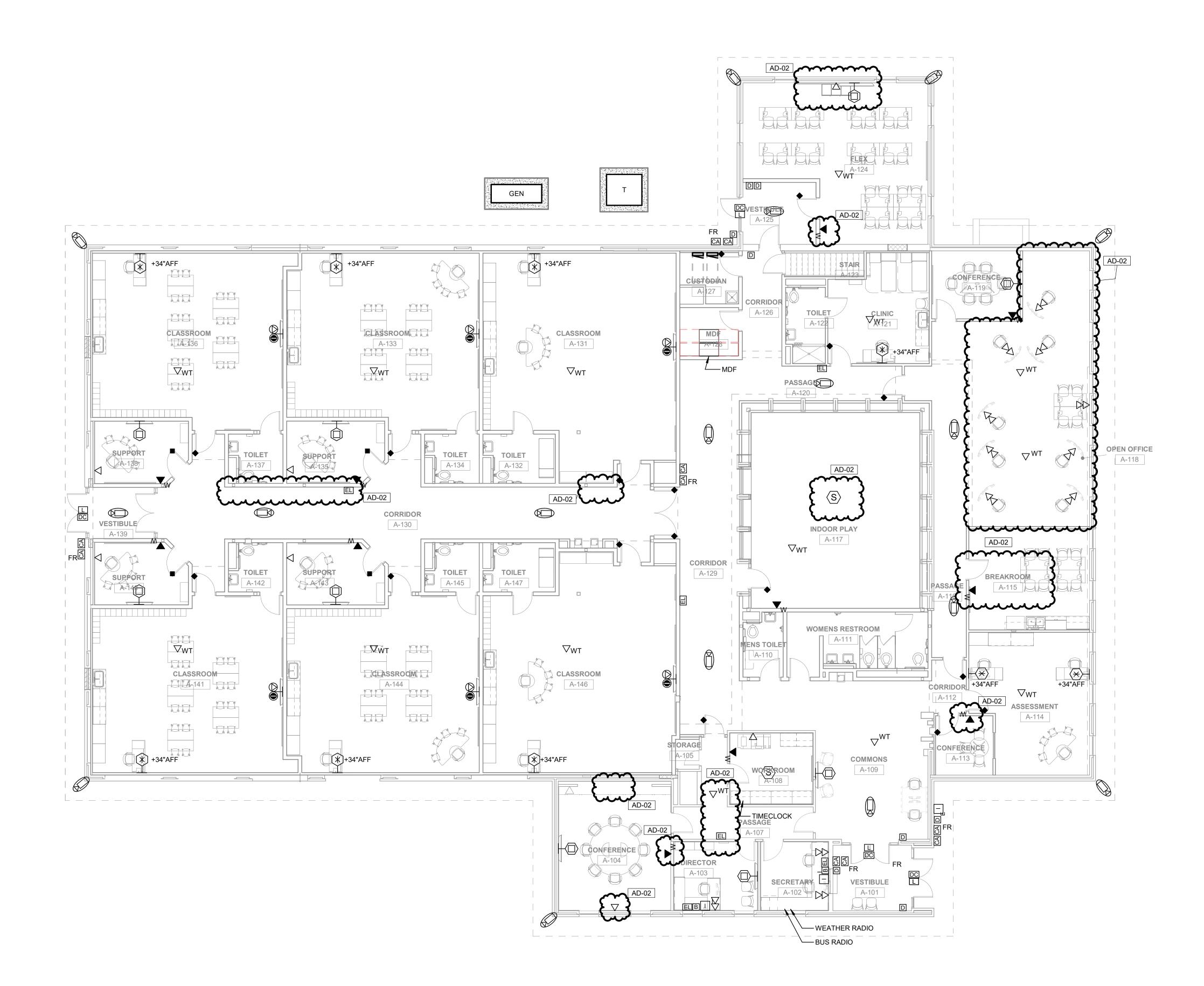
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**ELECTRICAL DETAILS &** DIAGRAMS

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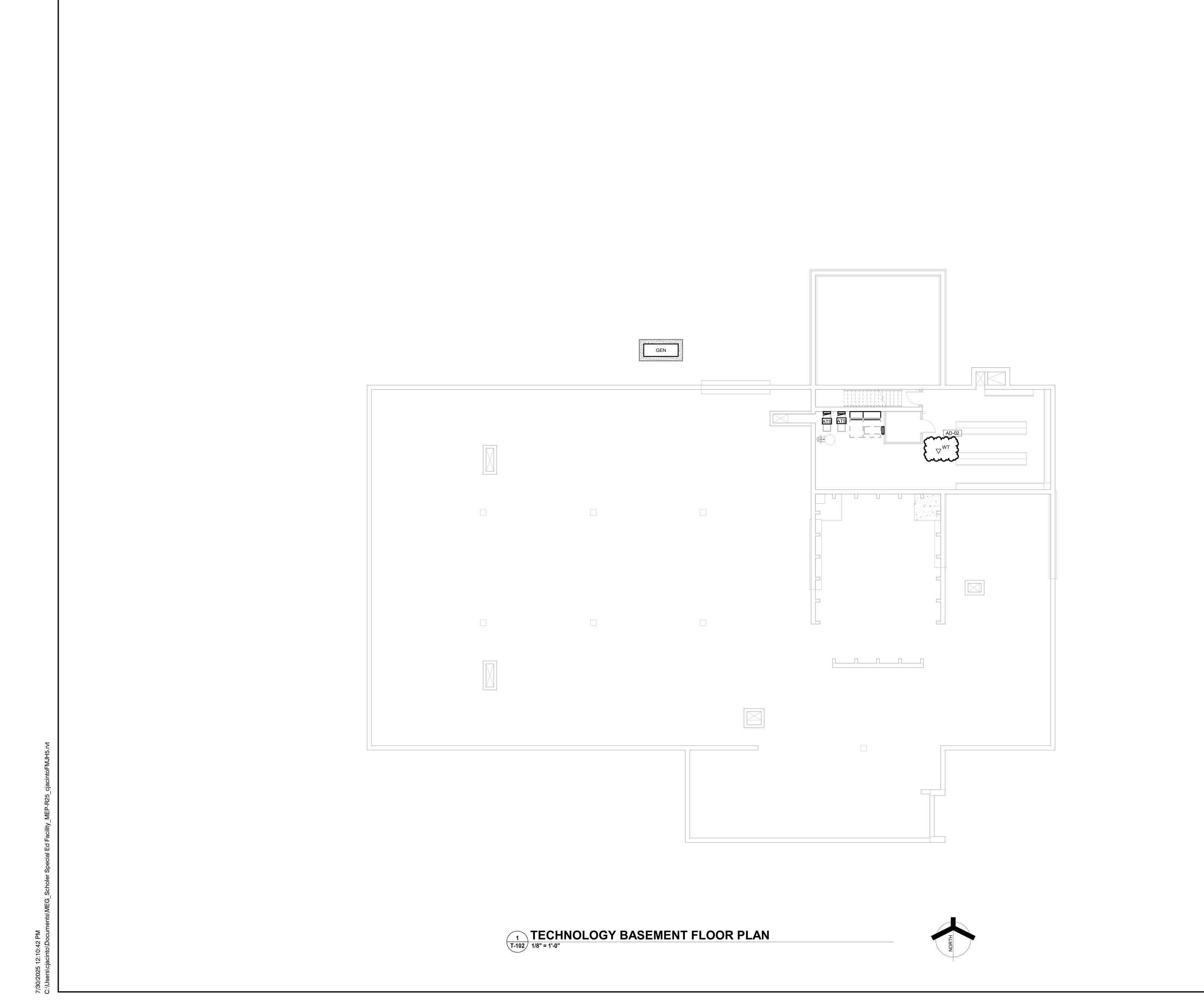
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TECHNOLOGY FIRST FLOOR

EARLY LEARNING CENTER ADDITION AND RENOVATION

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T-101







EARLY LEARNING CENTER ADDITION AND RENOVATION

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DRAWING
TECHNOLOGY BASEMENT FLOOR PLAN

EARLY LEARNING CENTER
ADDITION AND RENOVATION

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T-102

## **WW\WATER MAIN NOTES**

- ALL WATER MAINS SHALL BE CEMENT LINED DUCTILE IRON (D.I.) PRESSURE CLASS 250 MIN., SLIP JOINT PIPE CONFORMING TO AWWA C-110, C-111, C-150 AND C-151 AS APPLICABLE AND NSF-61.
- 2. ALL WATER MAINS TO HAVE POLY-WRAP.
- 3. ALL FITTINGS TO BE DUCTILE IRON (D.I.) WITH MECHANICAL JOINTS (M.J.) CONFORMING TO AWWA C-110, C-111, C-153 AND NSF-61.
- 4. ALL WATER SERVICE LINES SHALL BE 1" DIAMETER (MINIMUM) TYPE K COPPER TUBING TERMINATING WITH A CURB STOP. SERVICE LINE LOCATIONS SHALL BE MARKED BY STAMPING OR SAW CUTTING A "W" IN THE CURB. THE CURB STOP/WATER SERVICE SHOULD BE LOCATED ON P/L OR WITHIN 5'.
- 5. THE MANUFACTURER'S ALLOWABLE PIPE DEFLECTION SHALL BE USED TO MAINTAIN THE VERTICAL AND HORIZONTAL ROUTE UNLESS OTHER FITTINGS (i.e. TEES AND ELBOWS) OR METHODS ARE SPECIFICALLY CALLED OUT, OR ARE DIRECTED BY THE CITY.
- 6. MEG-A-LUG RETAINER GLANDS BY EBBA IRON, INC., EASTLAND, TEXAS SHALL BE USED ON EACH SIDE OF FITTINGS WHERE THE WATER MAIN CHANGES DIRECTION. ADDITIONAL SETS OF RETAINER GLANDS ARE TO BE PLACED AT PIPE LENGTHS ABOVE AND BELOW THE FITTINGS AS REQUIRED (SEE DETAIL OB ON THIS SHEET). FIELD-LOK GASKETS OR ONE BOLT RESTRAINED FITTINGS CAN BE USED IN LIEU OF RETAINER GLANDS.
- 7. THE MINIMUM SIZE REQUIREMENT FOR ALL COMMERCIAL WATER SERVICE LATERALS IS ONE (1) INCH (1" SERVICE LINE AND 1" METER).

MAIN Ø x 6" M.J. HYDRANT TEE

OR TEE AND 90° FITTING

WW\FIRE HYDRANT DETAIL (PLAN)

TACK COAT

NOT TO SCALE

M.J. VARIABLE LENGTH

OR APPROVED EQUAL.

AND/OR OFFSET HYDRANT

CONNECTOR PIPE. GRADELOK

ANCHORING COUPLING/FITTING —

- 8. ALL INDUSTRIAL/COMMERCIAL DEVELOPMENTS SHALL HAVE A MINIMUM 6" X "MAIN SIZE" TEE INSTALLED TO EACH PROPOSED LOT FOR FUTURE FIRE / DOMESTIC SERVICE.
- 9. WATER MAINS SHALL HAVE A MINIMUM OF 5'-0" COVER. WATER MAIN COVER SHALL NOT EXCEED 11' WITHOUT CITY APPROVAL. ANY DEVIATIONS FROM PLAN GRADE MUST BE SHOWN ON THE "AS-BUILT" DRAWINGS.
- 10. DEVELOPMENT OF PROPERTY MAY REQUIRE CONSTRUCTION OF ADDITIONAL FIRE HYDRANTS. GENERALLY AT 500' MINIMUM INTERVAL. AND AS REQUIRED BY THE LAFAYETTE FIRE DEPARTMENT.
- 11. THE COMPLETED WATER MAIN SHALL BE SUBJECTED TO A 150 PSI HYDROSTATIC TEST AND SHALL BE DISINFECTED. ALL VALVES AND HYDRANTS MUST BE COMPLETELY OPENED AND CLOSED AND ALL CORPORATION STOPS AND SERVICE LINES IN PLACE PRIOR TO PERFORMING THE HYDROSTATIC TEST. THE HYDROSTATIC TEST SHALL BE OF AT LEAST 2-HR DURATION. TEST PRESSURE SHALL NOT VARY MORE THAN +/- 5 PSI FOR THE DURATION OF THE TEST. GAUGES FOR TESTING SHALL BE RATED FOR 200 PSI OR GREATER AND SHALL INDICATE PRESSURE IN 5 PSI (MAX) INCREMENTS. THE TEST WILL BE PERFORMED IN ACCORDANCE WITH CITY TESTING PROCEDURES, AND IN CONFORMANCE WITH AWWA C-600. ALL VALVES INCLUDING THE WATCH VALVES AT THE HYDRANTS SHALL BE OPEN DURING THE PRESSURE AND BACTERIA TESTS. HYDROSTATIC AND BACTERIAL TESTING SHALL BE COMPLETED WITHIN 30 DAYS AFTER THE COMPLETED WATER MAIN HAS BEEN CHARGED (FILLED). AFTER FINAL FLUSHING AND AGAIN AFTER 24 HOURS, SAMPLES SHALL BE COLLECTED FROM THE WATER MAIN, AND SHALL BE TESTED FOR BACTERIOLOGICAL

6" M.J. GATE VALVE

STANDARD -

HYDRANT ASSEMBLY

— 24" M.J. ANCHORING

COUPLING

3"(MIN.) COMPACTED

#53 STONE

-1/2" PRE FORMED JOINT

\_\_\_ TACK COAT

NOT TO SCALE

FILLER @ 50'-0" O.C. MAX.

AND WHERE SIDEWALK ABUTS OTHER STRUCTURES. WALKS, OR CURBS

— UNDISTURBED EARTH

BORROW

NOT TO SCALE

OR GRADE "B" SPECIAL

SIDEWALK SECTION

TRANSVERSE JOINT

SIDEWALK PLAN

- 165#/SY (1.5") HMA SURFACE 9.5 mm ON

- 660#/SY (6.0") COMPACTED AGGREGATE

BASE, SIZE NO. 53 ON

— TRIAX GEOGRID TX140 ON

COMPACTED SUBGRADE

- 275#/SY (2.5") HMA INTERMEDIATE 19.0 mm ON

NOT TO SCALE SIDEWALK.DWG 7/2/98

⇒5'-0" BETWEEN JOINTS

NOTE: MAXIMUM LONGITUDINAL SLOPE 1:12

- QUALITY IN ACCORDANCE WITH THE STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER (AT AN APPROVED LABORATORY), AND SHALL SHOW THE ABSENCE OF COLIFORM ORGANISMS. THE CONTRACTOR MUST CONTACT THE WATER WORKS PUBLIC WORKS INSPECTOR TO DETERMINE THE LOCATION AND NUMBER OF BACTERIA SAMPLES TO BE TAKEN, AND TO SET A SAMPLING DATE AND TIME. THE ORIGINALS OF ALL TEST RESULTS AND CHAIN OF CUSTODY FORMS ARE TO BE SENT TO THE WATER WORKS WITHIN 5 DAYS OF TESTING WITH A COPY TO THE CITY ENGINEER'S OFFICE.
- 12. VALVE OPENING DIRECTION SHALL BE CONSISTENT WITH THE EXISTING UTILITY SYSTEM. (LEFT HAND OPEN/COUNTER CLOCKWISE) VALVE LOCATIONS SHALL BE MARKED BY STAMPING OR CUTTING A "V" IN THE CURB, AND PLACING A PARTIALLY BURIED 2x4 AT THE LOCATION.
- 13. TRENCHES UNDER PAVED AREAS (EXCLUDING SIDEWALKS) SHALL BE BACKFILLED WITH GRANULAR MATERIAL PER INDIANA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", LATEST EDITION, SECTION 211, AND COMPACTED IN LIFTS. GRANULAR MATERIAL TO EXTEND FIVE FEET BEYOND THE LIMITS OF THE PAVED AREA WITH A 1:1 SLOPE TO THE BOTTOM OF THE TRENCH. GRANULAR BEDDING IS REQUIRED UNDER ALL PAVED AREAS (EXCLUDING SIDEWALKS).
- 14. 18" VERTICAL SEPARATION AND 10'-0" HORIZONTAL SEPARATION TO BE MAINTAINED BETWEEN WATER MAINS, HYDRANTS AND SEWERS (SANITARY AND STORM).
- 15. TAPS AND FITTINGS ARE NOT TO BE INSTALLED UNDER PAVEMENTS OR IN EASEMENTS WITHOUT PRIOR APPROVAL OF THE CITY.

EXISTING INLETS PRIOR TO THE START OF ANY EARTH MOVING OR STRIPPING.

MEASURES AT APPROPRIATE LOCATIONS TO KEEP SEDIMENT CONTAINED ON SITE.

OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR.

CONTROL PLANS SUBJECT TO ACTUAL SITE CONDITIONS.

─GRADED LAWNS

4"(MIN.) CLASS A CONCRETE

BY THE CITY OR FIBER MESH

5'-0" MIN.

WITH WIRE MESH APPROVED

REINFORCING.

SHALL REMOVE AND DISPOSE OF THE TEMPORARY EROSION CONTROL DEVICES.

16. WATER WORKS ONLY SHALL OPEN VALVES TO CHARGE NEW LINES.

**EROSION CONTROL NOTES:** 

CONSTRUCTED.

TEMPORARILY SEEDED.

AND ADDITIONAL DETAILS.

IN DEVELOPING AREAS.

- 17. TAPPING OF A CITY MAIN CAN ONLY BE DONE UNDER SUPERVISION OF THE CITY. TAPPING SLEEVES AND VALVES FOR PRESSURE TAPS ON MAINS UP TO 24" Ø SHALL BE MUELLER 304 SS. TAPPING VALVES SHALL BE 2360 SERIES BY MUELLER OR THE AFC 2500. TEES FOR MAINS WILL BE CUT-IN ONLY WHEN THE NEW MAIN IS TO BE LARGER THAN OR OF EQUAL SIZE TO THE EXISTING MAIN OR WHEN A NEW VALVE IS TO BE INSTALLED ON THE EXISTING MAIN NEAR THE LOCATION OF THE NEW TEE. SIZE-ON-SIZE IS PERMISSIBLE FOR MAINS 12" AND UNDER. STAINLESS STEEL SLEEVES SHALL MEET THE FOLLOWING
- A. DUCTILE IRON OR STAINLESS STEEL FLANGE. B. 304 STAINLESS STEEL FULL BODY WITH STAINLESS STEEL BOLTS AND NUTS.

REQUIREMENTS:

SIDES.

1. CONTRACTOR SHALL INSTALL ALL REQUIRED SILT FENCES, SILT TRAPS, TREE PROTECTION AND INLET PROTECTION FOR

2. CONTRACTOR SHALL INSTALL A GRAVEL CONSTRUCTION ENTRANCE OR SOME OTHER DEVICE PRIOR TO THE START OF

DONE, INSTALL SILT TRAPS, SILT FENCES, SLOPE DRAINS, TEMPORARY DIVERSIONS AND OTHER RUNOFF CONTROL

5. PERMANENT AND FINAL VEGETATION OR STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED AS SOON AS

7. ALL STORM SEWER INLET PROTECTION DEVICES SHALL BE PUT IN PLACE AT THE TIME EACH INLET IS CONSTRUCTED.

8. CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AND DEVICES DURING CONSTRUCTION AND UNTIL SILTATION

9. ONCE ON-SITE EROSION AND SILTATION OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR, THE CONTRACTOR

10. THESE GENERAL PROCEDURES MAY NOT COVER ALL SITUATIONS. REFER TO EROSION CONTROL PLANS FOR SPECIFIC NOTES

11. EROSION CONTROL SHALL COMPLY WITH INDIANA 327 IAC AND RULE #5, AND INDIANA HANDBOOK FOR EROSION CONTROL

12. THE CITY ENGINEER HAS THE AUTHORITY TO REQUEST ADDITIONAL EROSION CONTROL MEASURES OR AMEND EROSION

13. THE CONTRACTOR MAY SUBSTITUTE DIFFERENT EROSION CONTROL DEVICES FOR THOSE SHOWN ON THE DRAWINGS SO

14. THE CONTRACTOR IS TO INSTALL, MONITOR AND MAINTAIN ALL REQUIRED EROSION CONTROL DEVICES IN ACCORDANCE

FILTER FABRIC-

CROSS-SECTION OF SILT FENCE

N.T.S.

EDITION, WHICH IS HEREBY INCORPORATED INTO THESE STANDARDS BY REFERENCE AND MADE A PART THEREOF.

LONG AS THE SUBSTITUTED DEVICES PERFORMS AS REQUIRED BY INDIANA 327 IAC AND "RULE 5".

6. THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM DEPENDING UPON THE WEATHER. IF CONSTRUCTION ACTIVITY IS TO CEASE FOR MORE THAN TWO WEEKS, THE DISTURBED AREAS SHALL BE

3. LAND ALTERATIONS WHICH STRIP THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL

MINIMIZE EROSION. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED. AS GRADING IS

EARTHWORK AS NECESSARY TO PREVENT SOIL FROM BEING TRACKED OR WASHED INTO EXISTING ROADWAYS.

4. ALL DISTURBED AREAS SHALL BE SEEDED AND STRAW MULCHED AS SHOWN ON THE PLANS IMMEDIATELY AFTER COMPLETION OF GROUND DISTURBING ACTIVITY, FOR EACH PHASE AS THE DIFFERENT PHASES OF THE SITE ARE

- 18. WATER TAP SERVICE TO BE PROVIDED FOR BOTH SHORT AND LONG
- 19. ALL FIRE PLANS, SPRINKLER PLANS SHALL BE SUBMITTED TO THE LAFAYETTE FIRE DEPARTMENT (LFD) FOR REVIEW AND APPROVAL.
- 20. FLOW TEST DATA SHALL BE OBTAINED BY THE DEVELOPER/OWNER AT NO COST TO THE CITY AND UNDER THE SUPERVISION OF THE LFD AND WATER WORKS DEPT. TEST RESULTS AND LFD CERTIFICATION TO BE SUBMITTED TO THE CITY ENGINEER'S OFFICE.
- 21. ALL DOMESTIC (LAWN) SPRINKLER SYSTEMS SHALL BE 1-INCH SERVICE. 22. WHENEVER PROPRIETARY EQUIPMENT IS SPECIFIED, OR APPROVED EQUAL IMPLIED. ALL PROPOSALS FOR SUBSTITUTION SHALL BE SUBMITTED TO THE CITY IN WRITING FOR THEIR APPROVAL.

-SUPPORT WIRE

- 23. CITY APPROVED BACKFLOW PREVENTER REQUIRED ON ALL IRRIGATION
- 24. TRACER WIRE: REQUIRED FOR 12" OR GREATER TRANSMISSION MAINS (NOT REQUIRED FOR SUBDIVISIONS) A. TRACER WIRE SHALL BE PLACED ON TOP OF THE WATER MAIN AS
- THE MAIN IS INSTALLED. B. THE TRACER WIRE SHALL BE #10 - 600V SOLID COPPER WITH BLUE COLORED INSULATION BY SOUTHWIRE, OR APPROVED EQUAL
- C. ANY SPLICES THAT NEED TO BE MADE SHALL BE MADE USING WATER TIGHT WIRE NUTS AND TAPED TO INSURE A DRY AND TIGHT CONNECTION IS MAINTAINED.
- D. THE LOCATED LOOP SHALL BE BROUGHT TO THE SURFACE BY MEANS OF A CURB BOX PLACED AT EACH VALVE AND FIRE HYDRANT, OR PER THE DIRECTION OF THE CITY WATER WORKS
- E. THE CURB BOX SHALL BE PLACED ON A 4"X8"X16" SOLID BLOCK TO ALLOW THE TRACER WIRE TO BE TURNED UP WITHOUT THE CHANCE OF DAMAGE TO WIRE. THERE SHALL BE A SIGNIFICANT AMOUNT OF WIRE LEFT AT EACH LOCATION SO THAT THE UTILITY LOCATER CAN, WITH EASE, ATTACH LOCATE EQUIPMENT.
- 25. METER TO BE SUPPLIED BY OWNER EXCEPT FOR SINGLE-FAMILY DOMESTIC USES.
- 26. IN SUBDIVISIONS WITH PHASED CONSTRUCTION, WATER MAINS ARE TO BE TERMINATED WITH A FIRE HYDRANT AND A LINE VALVE THE SAME SIZE AS THE MAIN WHEN THE MAIN IS TO BE EXTENDED IN THE FUTURE. IF NOT REQUIRED AT THE TERMINATION POINT DURING THE FUTURE EXTENSION, THE FIRE HYDRANT MAY BE MOVED TO AN APPROVED LOCATION.

### EROSION CONTROL - SEEDING RECOMMENDATIONS

THIS TABLE PROVIDES SEVERAL SEEDING OPTIONS. ADDITIONAL SEED SPECIES AND MIXTURES ARE AVAILABLE COMMERCIALLY. WHEN SELECTING A MIXTURE, CONSIDER SITE CONDITIONS, INCLUDING SOIL PROPERTIES (E.G. SOIL PH AND DRAINAGE), SLOPE ASPECT AND THE TOLERANCE OF EACH SPECIES TO SHADE AND DROUGHT.

SEED SPECIES AND MIXTURES RATE PER ACRE OPTIMUM SOIL PH

OPEN AND DISTURBED AREAS (REMAINING IDLE MORE THAN 1 YR.)

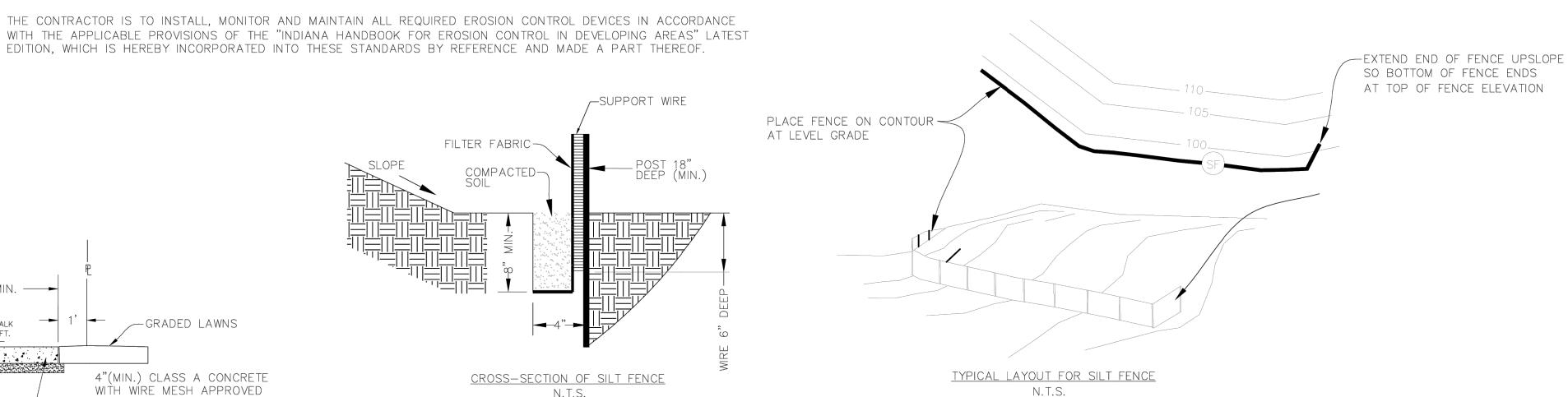
1. PERENNIAL RYEGRASS + WHITE OR LADINO CLOVER	35-50 LBS. 1-2 LBS.	5.6 TO 7.0
2. KENTUCKY BLUEGRASS + SMOOTH BROMEGRASS	20 LBS. 10 LBS.	5.5 TO 7.5
+ SWITCHGRASS	3 LBS.	
+ TIMOTHY	4 LBS.	
+ PERENNIAL RYEGRASS	10 LBS.	
+ WHITE OR LADINO CLOVER	1-2 LBS.	
3. PERENNIAL RYEGRASS	15-30 LBS.	5.6 TO 7.0
+ TALL FESCUE	15-30 LBS.	
4. TALL FESCUE	35-50 LBS.	5.5 TO 7.5
+ WHITE OR LADINO CLOVER	1-2 LBS.	

\* FOR BEST RESULTS: (A) LEGUME SEED SHOULD BE INNOCULATED; (B) SEEDING MIXTURES CONTAINING LEGUMES SHOULD PREFERABLY BE SPRING-SEEDED ALTHOUGH THE GRASS MAY BE FALL-SEEDED AND THE LEGUME FROST-SEEDED (PRACTICE 3.13); AND (C) IF LEGUMES ARE FALL-SEEDED, DO SO EARLY IN FALL.

ACCORDING TO SOIL TEST OR USE 600 LBS./ACRE OF 12-12-12 ANALYSIS, OR EQUIVALENT, FERTILIZER.

MULCH SHALL BE STRAW OR HAY. MATERIAL SHOULD BE DRY, UNCHOPPED FREE OF UNDESIRABLE SEEDS AND SPREAD BY HAND OR MACHINE. WOOD FIBER OR CELLULOSE MAY BE USED AND APPLIED WITH A HYDROMULCHER AND USE OF A TACKING AGENT.

STEEP BANKS AND CUTS, LOW MAINTENANCE AREAS (NOT MOWED) AND CHANNELS AND AREAS OF CONCENTRATED FLOW REQUIRE ALTERNATE SEEDING AND MULCH ANCHORING METHODS. REFER TO INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS.



## SILT FENCE

## AD-2 REVISIONS (7/30/25): 1. REVISED LIGHT DUTY PAVEMENT SECTION \_\_\_1" --- CONTRACTOR SHALL MATCH 6" INDOT #53 COMPACTED AGG. LIMESTONE UNDER CURB, MIN. CONC. CURB AND GUTTER WIDTH COMBINED CONCRETE CURB AND GUTTER DEPRESSED CONCRETE CURB AND GUTTER TYPE III NOT TO SCALE REV. 2/18/2005



**GIBRALTAR** DESIGN

ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

**PROJECT** 

# **ALTERNATIVE** LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

111 Walter Scholer Dr, Lafayette, IN 47909

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 25-148 07/09/25 COORDINATED CDM DRAWN BY SB

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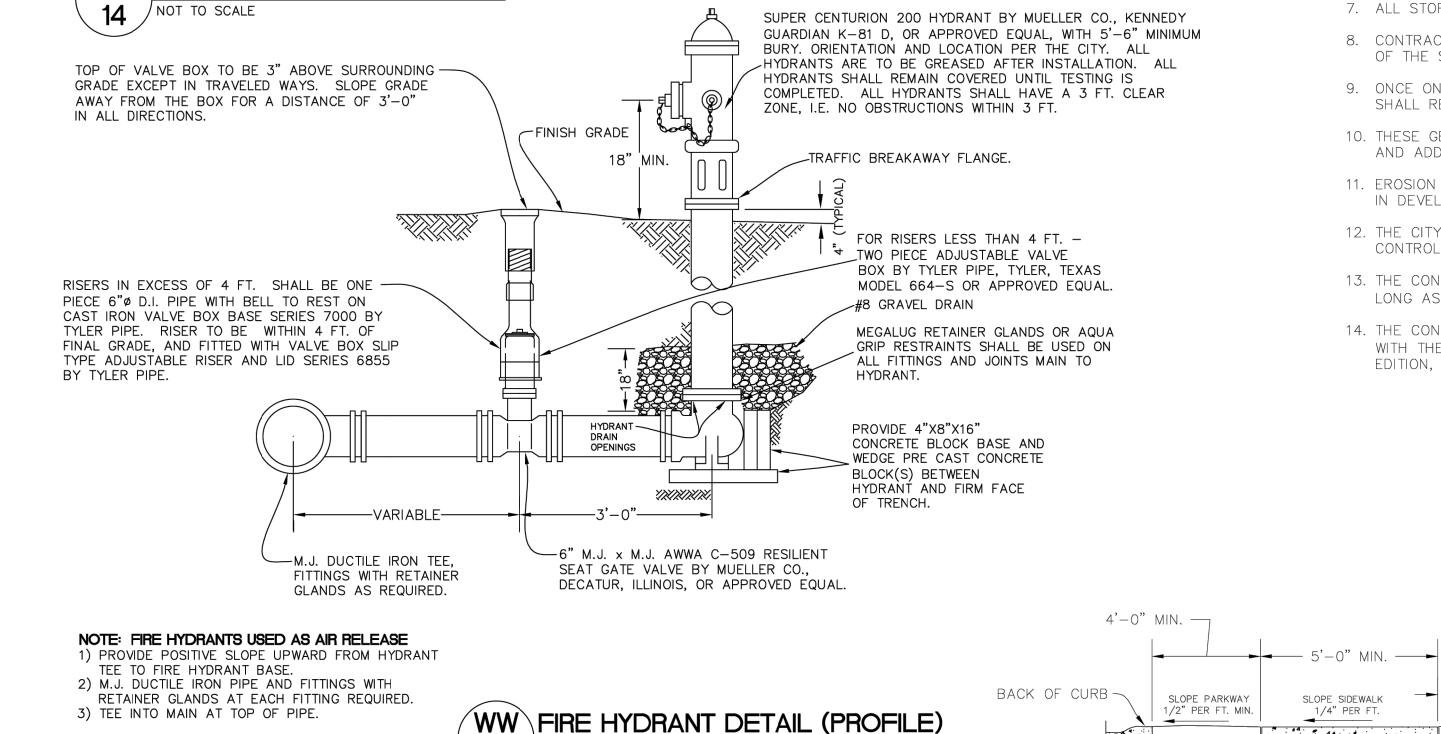
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AD-2	7/30/25		
DRAW	/ING		

DE I AILS

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

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NOT TO SCALE

— 165#/SY (1.5") HMA SURFACE 9.5 mm ON

- 1,320#/SY (12.0") COMPACTED AGGREGATE

BASE, SIZE NO. 53 ON

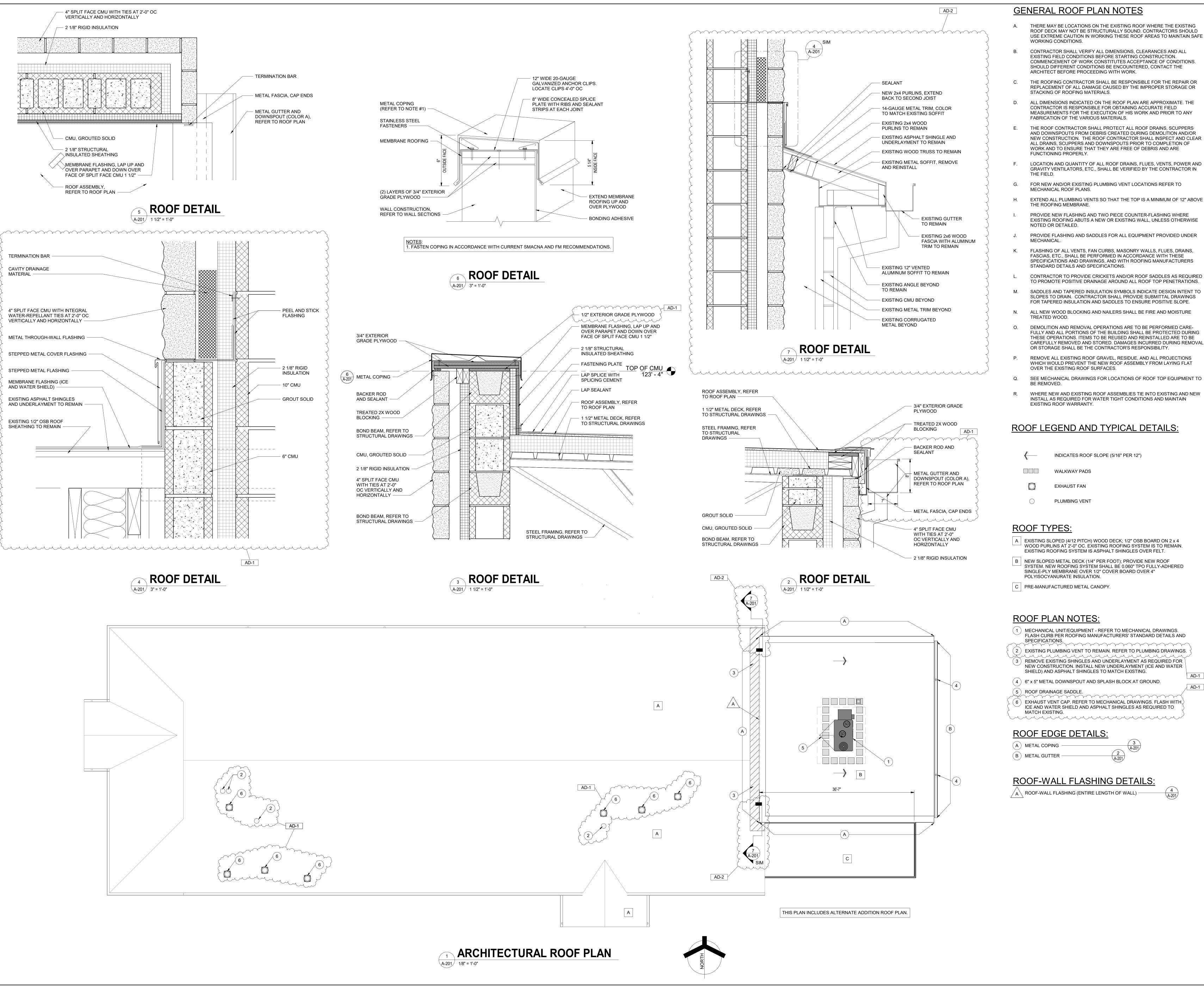
- TRIAX GEOGRID TX140 ON

COMPACTED SUBGRADE

-495 #/SY (4.5") HMA INTERMEDIATE 19.0 mm ON

-VARIABLE-

BACK OF CURB



- THERE MAY BE LOCATIONS ON THE EXISTING ROOF WHERE THE EXISTING ROOF DECK MAY NOT BE STRUCTURALLY SOUND. CONTRACTORS SHOULD USE EXTREME CAUTION IN WORKING THESE ROOF AREAS TO MAINTAIN SAFE
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.
- SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE
- THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGE CAUSED BY THE IMPROPER STORAGE OR
- MEASUREMENTS FOR THE EXECUTION OF HIS WORK AND PRIOR TO ANY
- THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING DEMOLITION AND/OR NEW CONSTRUCTION. THE ROOF CONTRACTOR SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND ARE
- LOCATION AND QUANTITY OF ALL ROOF DRAINS, FLUES, VENTS, POWER AND GRAVITY VENTILATORS, ETC., SHALL BE VERIFIED BY THE CONTRACTOR IN
- FOR NEW AND/OR EXISTING PLUMBING VENT LOCATIONS REFER TO
- PROVIDE NEW FLASHING AND TWO PIECE COUNTER-FLASHING WHERE
- PROVIDE FLASHING AND SADDLES FOR ALL EQUIPMENT PROVIDED UNDER
- FLASHING OF ALL VENTS, FAN CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAS, ETC., SHALL BE PERFORMED IN ACCORDANCE WITH THESE SPECIFICATIONS AND DRAWINGS, AND WITH ROOFING MANUFACTURERS
- CONTRACTOR TO PROVIDE CRICKETS AND/OR ROOF SADDLES AS REQUIRED
- SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPES TO DRAIN. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS
- ALL NEW WOOD BLOCKING AND NAILERS SHALL BE FIRE AND MOISTURE
- DEMOLITION AND REMOVAL OPERATIONS ARE TO BE PERFORMED CARE-FULLY AND ALL PORTIONS OF THE BUILDING SHALL BE PROTECTED DURING THESE OPERATIONS. ITEMS TO BE REUSED AND REINSTALLED ARE TO BE CAREFULLY REMOVED AND STORED. DAMAGES INCURRED DURING REMOVAL OR STORAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- REMOVE ALL EXISTING ROOF GRAVEL, RESIDUE, AND ALL PROJECTIONS WHICH WOULD PREVENT THE NEW ROOF ASSEMBLY FROM LAYING FLAT
- SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ROOF TOP EQUIPMENT TO
- WHERE NEW AND EXISTING ROOF ASSEMBLIES TIE INTO EXISTING AND NEW INSTALL AS REQUIRED FOR WATER TIGHT CONDITIONS AND MAINTAIN

A EXISTING SLOPED (4/12 PITCH) WOOD DECK; 1/2" OSB BOARD ON 2 x 4 WOOD PURLINS AT 2'-0" OC. EXISTING ROOFING SYSTEM IS TO REMAIN.

B NEW SLOPED METAL DECK (1/4" PER FOOT); PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" TPO FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER 4"

- MECHANICAL UNIT/EQUIPMENT REFER TO MECHANICAL DRAWINGS.
- (2) EXISTING PLUMBING VENT TO REMAIN. REFER TO PLUMBING DRAWINGS. (3) REMOVE EXISTING SHINGLES AND UNDERLAYMENT AS REQUIRED FOR NEW CONSTRUCTION. INSTALL NEW UNDERLAYMENT (ICE AND WATER
- (4) 6" x 5" METAL DOWNSPOUT AND SPLASH BLOCK AT GROUND.
- (6) EXHAUST VENT CAP. REFER TO MECHANICAL DRAWINGS. FLASH WITH ICE AND WATER SHIELD AND ASPHALT SHINGLES AS REQUIRED TO



PROJECT:

**ALTERNATIVE ADDITION AND** 

Tippecanoe School Corporation

2241 Old Romney Rd, Lafayette, IN

**CONSTRUCTION DOCUMENTS** 

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Email: info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 25-148 DATE

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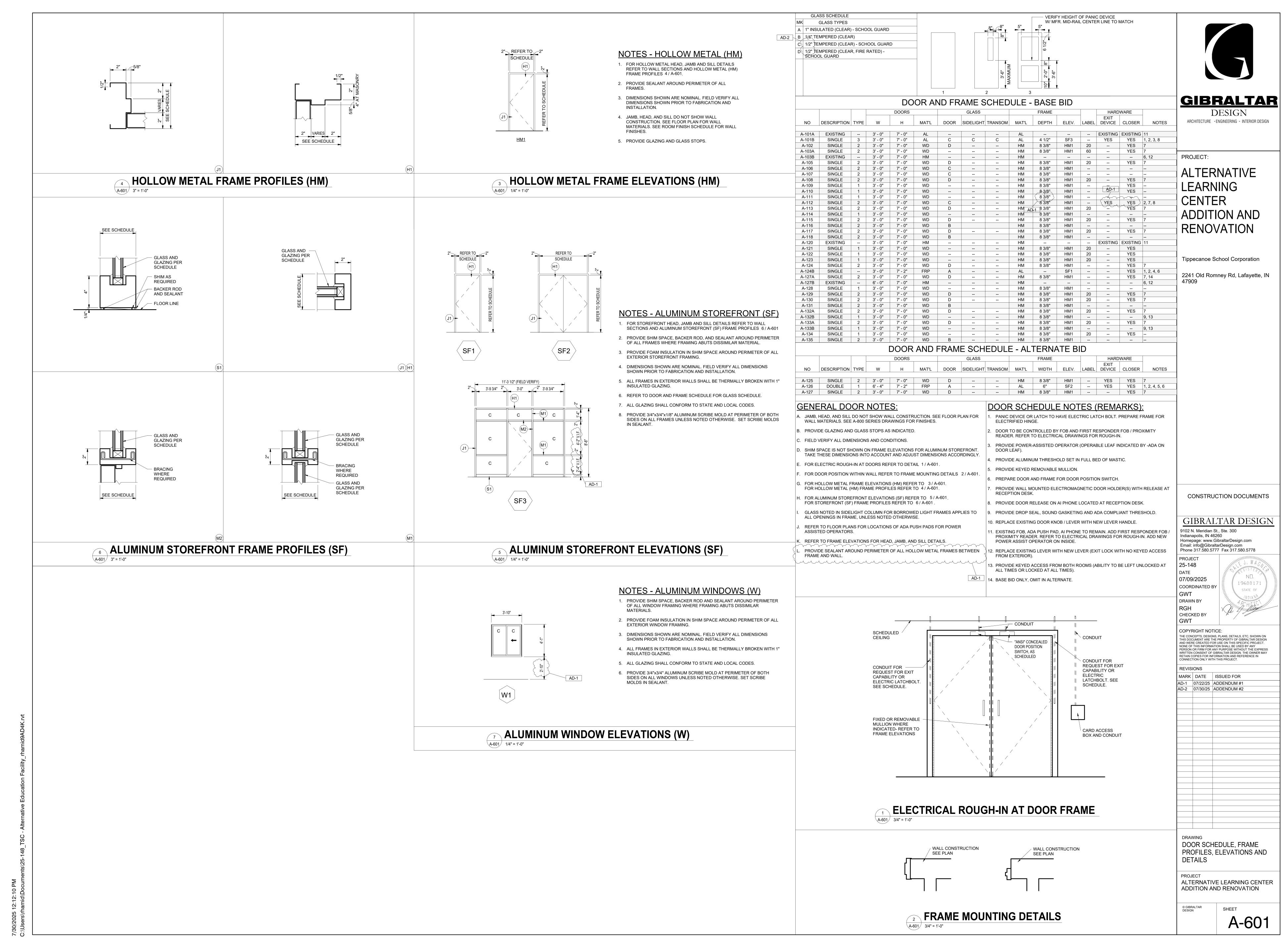
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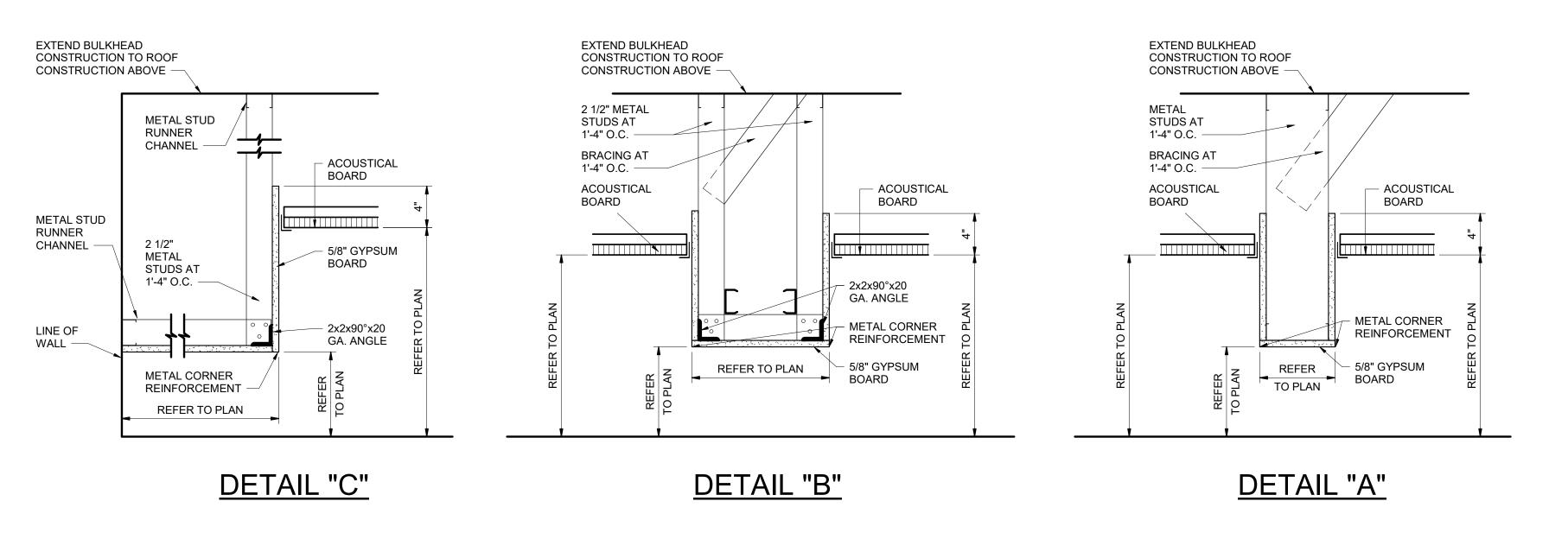
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ARCHITECTURAL ROOF PLAN AND DETAILS

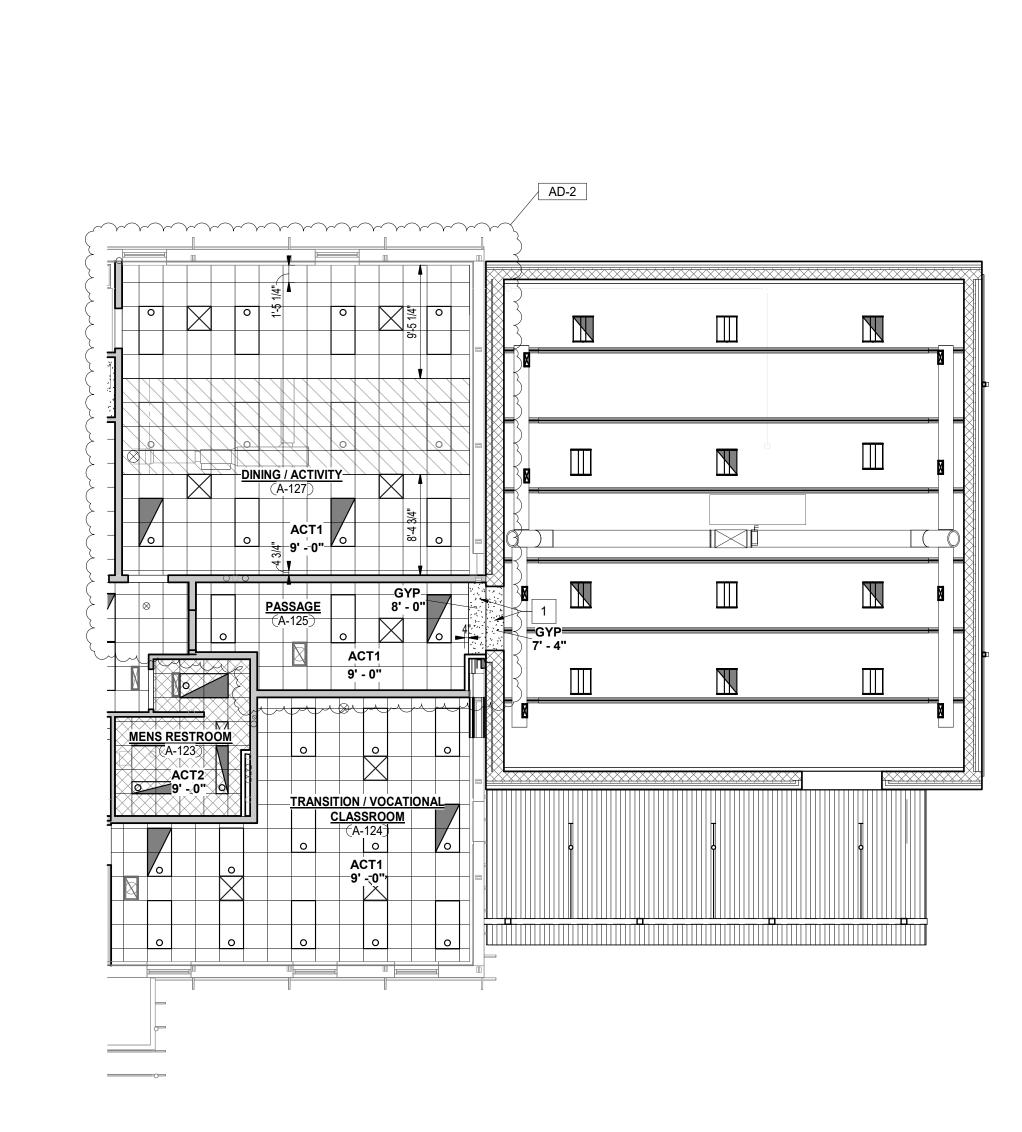
ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

A-201





TYPICAL BULKHEAD DETAILS



**GENERAL NOTES** 

ROOF DECK.

TECHNOLOGY ITEMS.

**CEILING LEGEND** 

ACT-2

PLAN NOTES:

1 PAINT BULKHEAD, P1

2 PAINT BULKHEAD, P2

3 PAINT BULKHEAD, P3

4 PAINT BULKHEAD, P4

ACT-3 - GRID AND PERIMETER GRID COLOR AS INDICATED IN

GYPSUM BOARD CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (2/A-901)

SPECIFICATIONS

AND WALL SECTIONS

ABBREVIATIONS, ETC., REFER TO SHEET G-301.

CEILING ELEMENTS AND PENETRATIONS.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

WITH ARCHITECT PRIOR TO STARTING WORK.

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND,

B. THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF

F. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.

ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.

H. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED

I. REFER TO FINISH PLANS AND INTERIOR ELEVATIONS FOR PAINT COLORS.

G. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES -

LIGHT FIXTURE

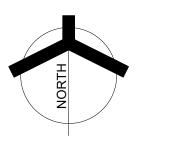
SUPPLY AIR DIFFUSER

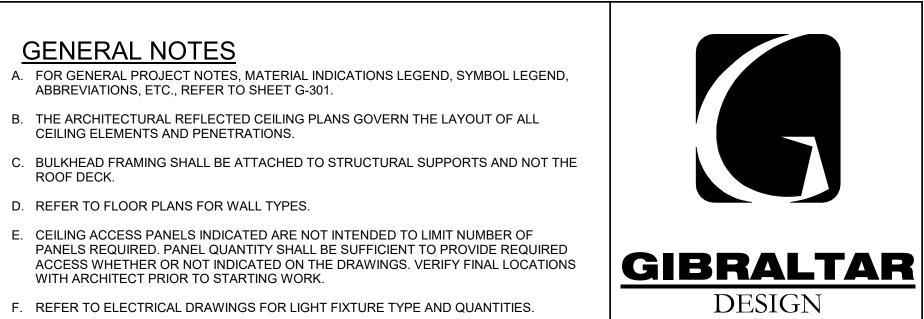
EXHAUST REGISTER

RETURN OR EXHAUST REGISTER

PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED







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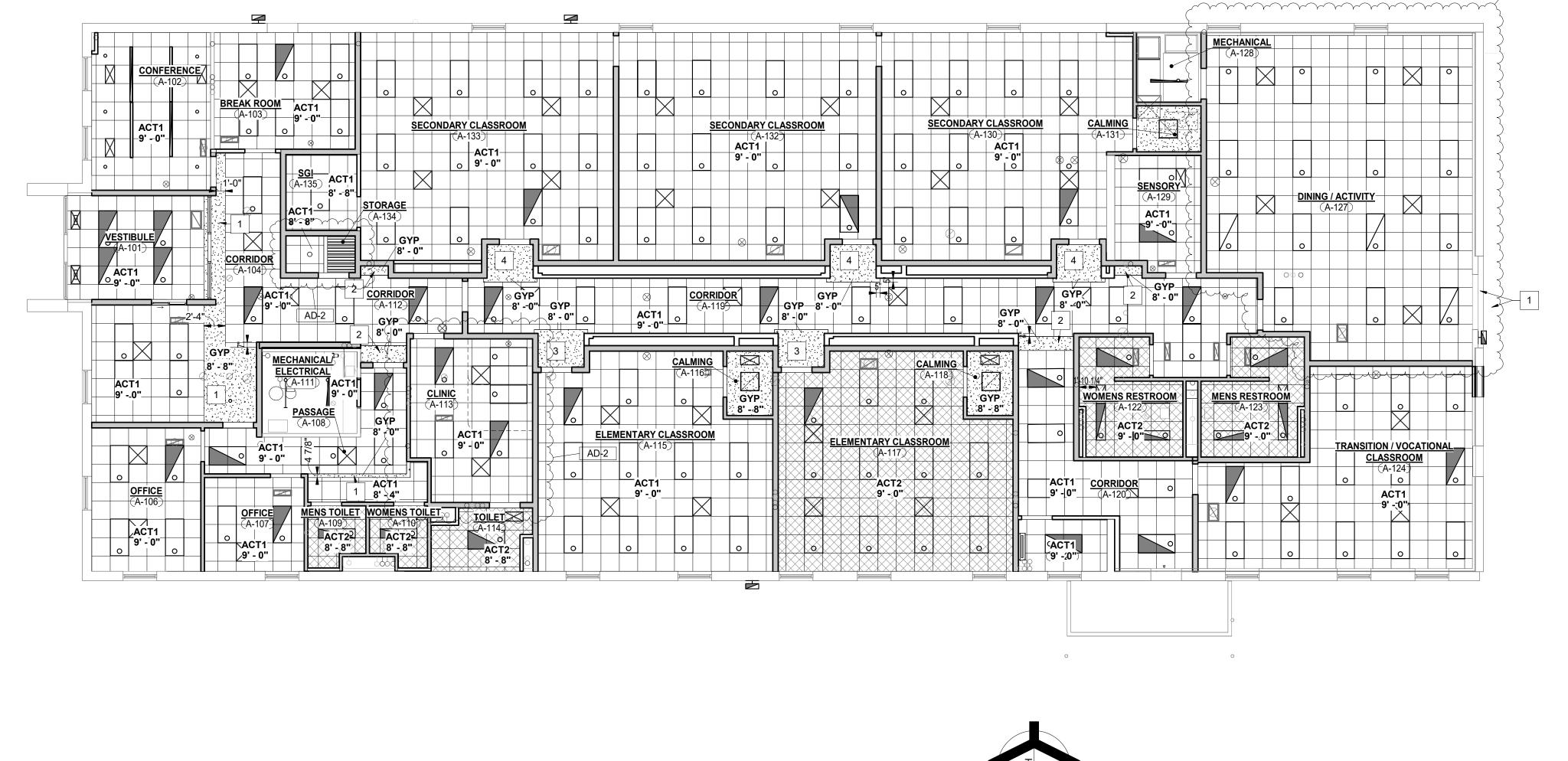
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REFLECTED CEILING PLAN

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

A-901



REFLECTED CEILING PLAN





EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED. REMOVE EXISTING WIRING BACK TO EXISTING BRANCH PANEL.

DUPLEX RECEPTACLES IN ELEMENTARY CLASSROOM TO BE 120V-20A SPECIFICATION GRADE AFCI TAMPER RESISTANT DUPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #AFR20TR OR EQUAL); UNLESS NOTED OTHERWISE.



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EM 23a HA 23a EM 23a EM

EX. PANEL "B"

**MECHANICAL** 

CIRCUIT TO

EX. PANEL "A"

TRANSITION /

VOCATIONAL

CLASSROOM A-124

CIRCUIT TO

EX. PANEL "B"

EX. PANEL "A"

EX. PANEL "B"

CIRCUIT TO EX. PANEL "C" CIRCUIT TO EX. PANEL "B"

MENS TOILET WOMENS TOILET

EX. PANEL "C"

A-109

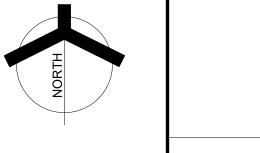
CONFERENCE BREAK ROOM

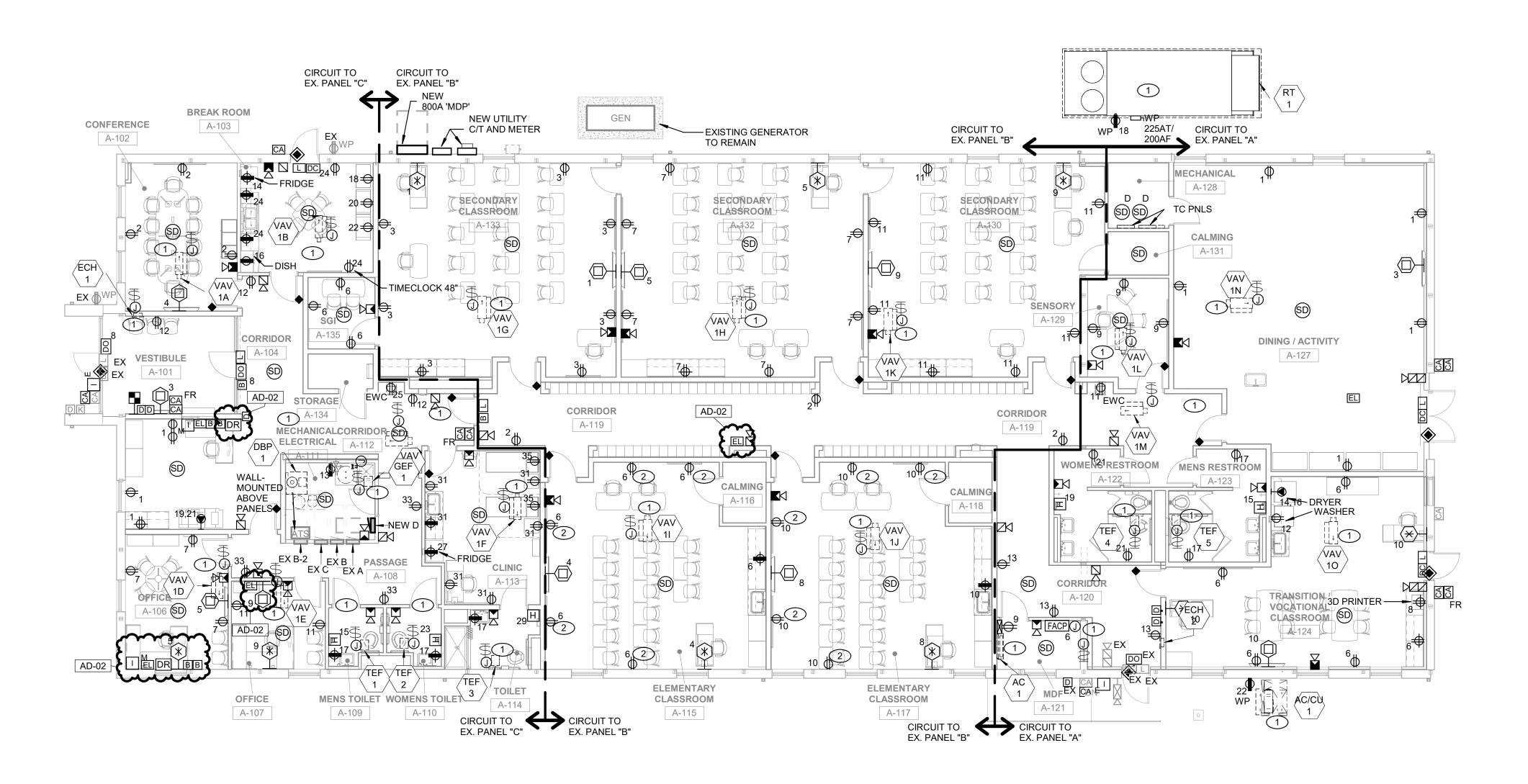
A-106

A-107

EM 28

ELECTRICAL LIGHTING FIRST FLOOR PLAN - ALTERNATE BID

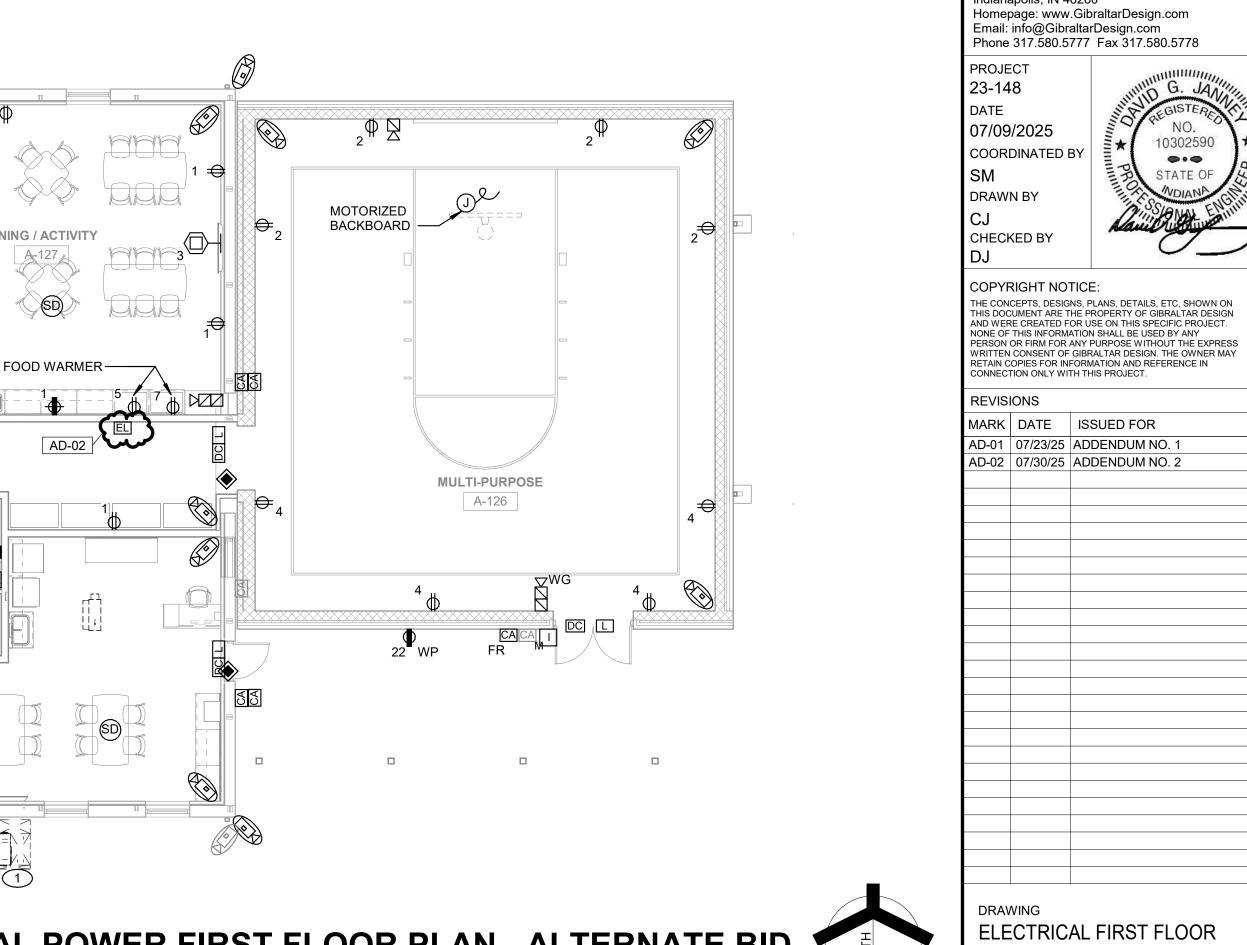




1 ELECTRICAL POWER FIRST FLOOR PLAN

3 ELECTRICAL POWER FIRST FLOOR PLAN - ALTERNATE BID

1/8" = 1'-0"



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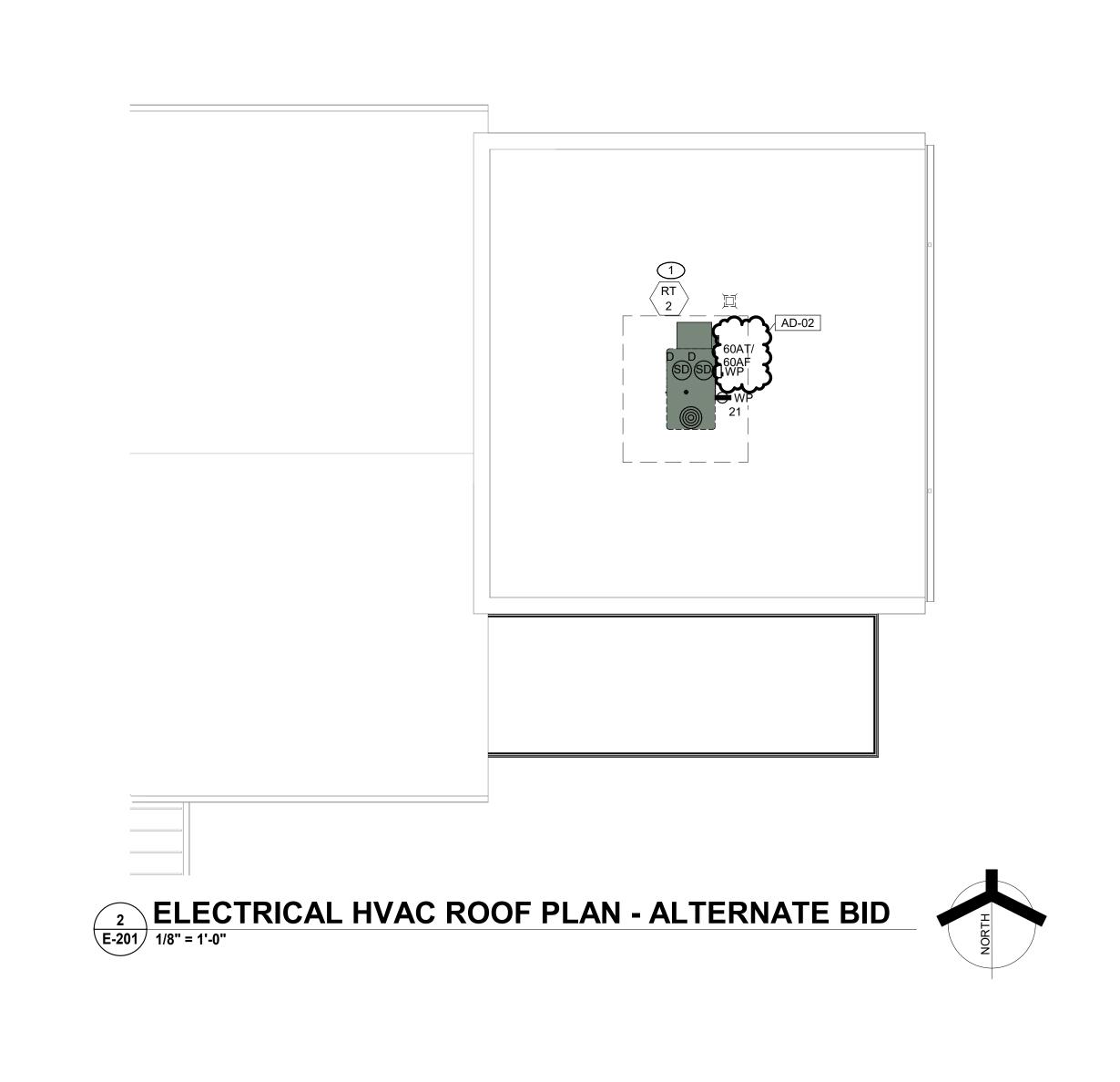
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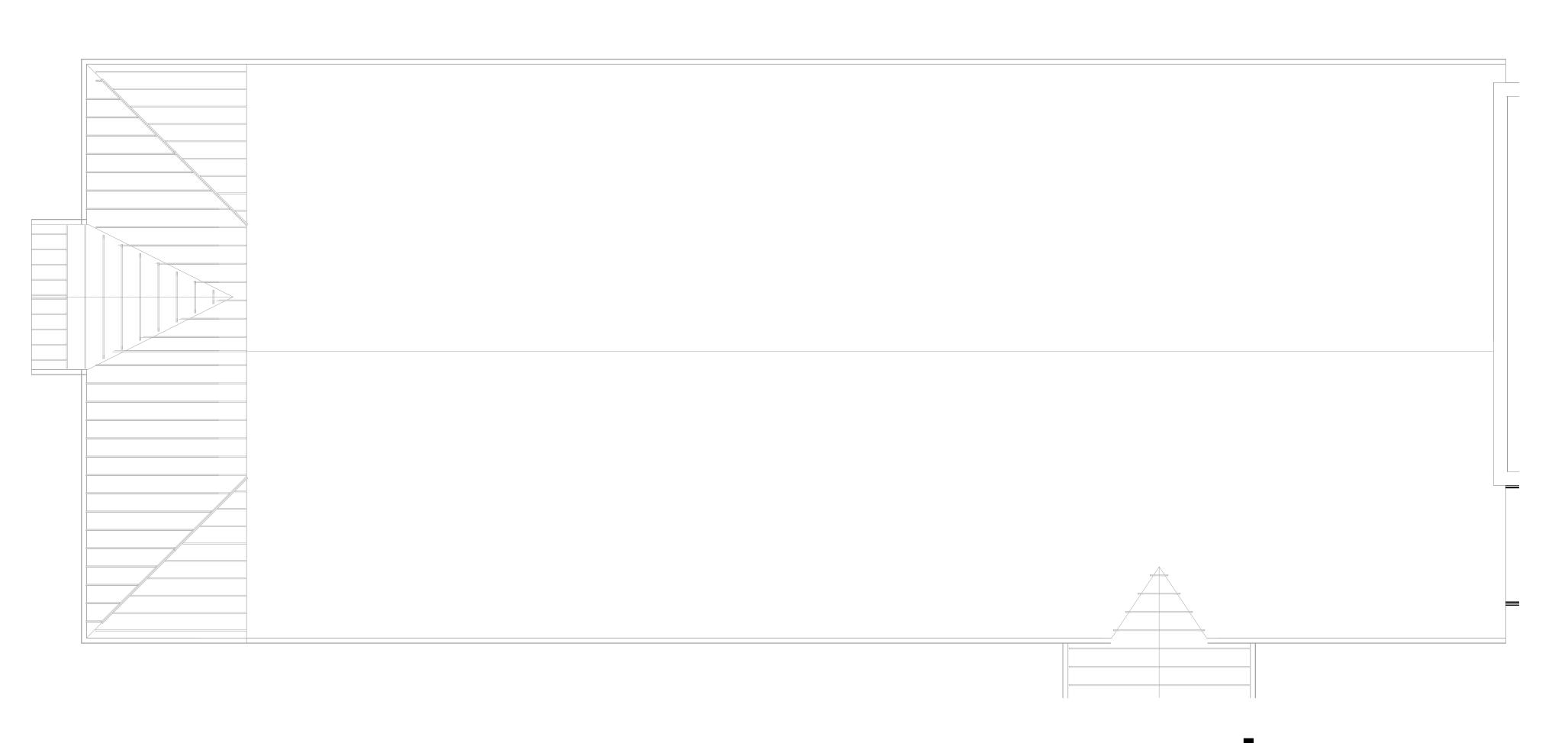
**PLANS** 

PROJECT

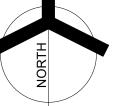
E-101

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION





1 ELECTRICAL POWER ROOF PLAN
E-201 1/8" = 1'-0"





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PROJECT
23-148

DATE
07/09/2025

COORDINATED BY

SM

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CJ

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DRAWING
ELECTRICAL ROOF PLANS

PROJECT
ALTERNATIVE LEARNING CENTER
ADDITION AND RENOVATION

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E-201

REMARKS: GC = PROVIDE GFI CIRCUIT BREAKER ST = PROVIDE SHUNT TRIP BREAKER LO = PROVIDE LOCKABLE DEVICE N = NEW DEVICE IN EXISTING PANEL

LOCATION: MECHANICAL/...

MOUNTING: RECESSED

ENCLOSURE: NEMA-1

**A.I.C. RATING**: 22000 A

NOTES:

AC/CU-1

9 IT RACK

11 SPARE

13 SPARE

15 SPARE

17 SPARE

19 SPARE

21 SPACE

23 SPACE

25 SPACE

27 SPACE

29 SPACE 31 SPACE 33 SPACE

35 SPACE 37 SPACE 39 SPACE

**REMARKS:** 

GC = PROVIDE GFI CIRCUIT BREAKER

ST = PROVIDE SHUNT TRIP BREAKER

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

LO = PROVIDE LOCKABLE DEVICE

N = NEW DEVICE IN EXISTING PANEL

SUPPLY FROM: EX B

PANEL TOTALS TOTAL CONNECTED LOAD PHASE A: 13702 VA TOTAL CONNECTED LOAD PHASE B: 14011 VA TOTAL CONNECTED LOAD PHASE C: 0 VA TOTAL CONNECTED LOAD: 27713 VA REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION TOTAL CONNECTED AMPS: 115 A

VOLTS: 120/240 Single

30 A 1 200

-- 20 A 1 0

-- 20 A 1 0 0

-- | -- | 1 | -- |

-- 20 A 1 0

MAINS TYPE: MCB

MAIN RATING: 125 A

BUSSING: COPPER

-- 20 A 1

-- 20 A 1

- - 1

PHASES:

**EX B-2** 

CKT | CIRCUIT DESCRIPTION | LEG. | TRIP | POLES | A | B | A | B | POLES | TRIP | LEG. | CIRCUIT DESCRIPTION

20 A 2 240 -- 1 -- SPACE 240 -- SPACE

600

-- -- 1 -- SPACE
-- -- 1 -- -- SPACE
-- -- 1 -- SPACE
-- -- 1 -- SPACE

-- -- 1 -- SPACE
-- -- 1 -- -- 1 -- SPACE
-- -- 1 -- SPACE

0

1 20 A

2 20 A

0 1 20 A -- SPARE

0 1 20 A -- SPARE

1 20 A -- SPARE

1 2 A -- SPARE

| 1 | -- | -- |SPACE

250 1 20 A

FACP

PANEL TOTALS

5958 VA

25 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

TOTAL CONNECTED LOAD PHASE A: 3204 VA

TOTAL CONNECTED LOAD PHASE B: 2754 VA

TOTAL CONNECTED LOAD PHASE C: 0 VA

TOTAL CONNECTED LOAD:

TOTAL CONNECTED AMPS:

**A.I.C. RATING**: 100,000 A BUSSING: COPPER NOTES: LEG. TRIP POLES A B A B POLES TRIP LEG. CIRCUIT DESCRIPTION CKT CKT | CIRCUIT DESCRIPTION | LEG. | TRIP | POLES | A | B | A | B | POLES | TRIP | LEG. | CIRCUIT DESCRIPTION | CK 1 CLASSRM A-133 RECPT 20 A 1 1400 CLASSRM A-133 RECPT 900 1 20 A N 20 A 1 900 1200 1 20 A 5 CLASSRM A-132 RECPT CLASSRM A-132 RECPT 9 CLASSRM A-130 RECPT 200 200 1 20 A 11 CLASSRM A-130 RECPT 1070 1 20 A GC 20 A 1 1070 2800 13 CORRIDOR RECPT 2 30 A N TRANSITIONAL DRYER -- 30 A 2 15 MEN'S RR HAND DRYER -- | 40 A | 2 1 20 A 17 MENS RR RECEPT EX SPARE 19 WOMEN'S RR HAND DRYER 0 1 0 A 21 WOMENS RR RECEPT 0 A 1 400 1 20 A -- 0 A 1 0 0 1 0 A -- SPARE
-- 0 A 1 0 0 1 0 A -- SPARE 23 LIGHTING 2 20 A N ECH-2 25 SPARE 25 LIGHTING 2496 27 LIGHTING 1290 360 1 20 A 29 SPACE 29 EXTERIOR LIGHTING 1 20 A -- SPARE -- -- 1 -- SPACE
-- -- 1 -- -- 1 -- -- SPACE
-- -- 1 -- -- 1 -- -- SPACE
-- -- 1 -- -- 1 -- -- SPACE

125 A 2 3204 -- 1 -- SPACE
2754 -- 1 -- SPACE 31 SPACE | -- | -- | 1 | -- | 0 | 1 | 20 A | -- | SPARE -- 20 A 1 0 33 SPACE 33 SPARE 1 20 A -- SPARE -- 20 A 1 0 0 1 20 A -- SPARE
-- 20 A 1 0 0 1 0 A -- SPARE
-- 1 1 -- 1 SPACE 35 SPARE 37 SPARE EXISTING PANEL B-2 VIA ATS 39 SPACE

LOCATION: MECHANICAL/..

MOUNTING: RECESSED

ENCLOSURE: NEMA-1

SUPPLY FROM: MDP

VOLTS:

PHASES:

MAINS TYPE: MLO

MAIN RATING: 200 A

120/240 Single

GC = PROVIDE GFI CIRCUIT BREAKER ST = PROVIDE SHUNT TRIP BREAKER \_O = PROVIDE LOCKABLE DEVICE I = NEW DEVICE IN EXISTING PANEL PANEL TOTALS TOTAL CONNECTED LOAD PHASE A: 9974 VA TOTAL CONNECTED LOAD PHASE B: 10709 VA TOTAL CONNECTED LOAD PHASE C: 0 VA TOTAL CONNECTED LOAD: REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION TOTAL CONNECTED AMPS:

**NEW D** 120/208 Wye LOCATION: MECHANICAL/... VOLTS: SUPPLY FROM: PHASES: MOUNTING: SURFACE MAINS TYPE: MLO **ENCLOSURE**: NEMA-1 MAIN RATING: 225 A **A.I.C. RATING:** 100,000 BUSSING: COPPER NOTES: CKT CIRCUIT DESCRIPTION LEG. TRIP POLES A B C A B C POLES TRIP LEG. CIRCUIT DESCRIPTION CKT 20 A 1 3000 2500 1 20 A VAV-1D 20 A 1 2500 3000 1 20 A VAV-1E 2000 1 20 A VAV-1F 5 VAV-1C 20 A 1 4500 1 25 A VAV-1J 7 VAV-1G 25 A 1 3500 3500 9 VAV-1H 3500 3500 1 25 A VAV-1K 25 A 1 3500 1300 1200 1200 1200 11 VAV-1I 25 A 1 13 VAV-1M 20 A 1 3500 15 VAV-1N 30 A 1 | 4500 | 1981 3 |100 A| 17 VAV-10 25 A 1 1981 4996 21 ROOF RECEPT 3 60 A RT-2 20 A 1 200 4996 4996 25 RTU-1 225 A 3 21256 21256 REMARKS: GC = PROVIDE GFI CIRCUIT BREAKER ST = PROVIDE SHUNT TRIP BREAKER LO = PROVIDE LOCKABLE DEVICE N = NEW DEVICE IN EXISTING PANEL

**EX B** 

CLASSRM A-115 RECPT

CLASSRM A-115 RECPT

CLASSRM A-117 RECPT

CLASSRM A-117 RECPT

20683 VA

86 A

PANEL TOTALS

133399 VA

370 A

TOTAL CONNECTED LOAD PHASE A: 44233 VA

TOTAL CONNECTED LOAD PHASE B: 45433 VA

TOTAL CONNECTED LOAD PHASE C: 43733 VA

TOTAL CONNECTED LOAD:

TOTAL CONNECTED AMPS:

1 20 A

LOCATION: MECHANICAL/... VOLTS: 120/240 Single SUPPLY FROM: MDP PHASES: MOUNTING: RECESSED MAINS TYPE: MLO **ENCLOSURE**: NEMA-1 MAIN RATING: 200 A BUSSING: COPPER **A.I.C. RATING**: 100,000 A NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	Α	В	Α	В	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	СКТ
1	RECEPTION RECEPT	N	20 A	1	600		600		1	20 A		CONF RM RECEPT	2
3	RECEPTION TV		20 A	1		500		400	1	20 A		CONF RM TV	4
5	OFFICE A-106 TV	N	20 A	1	900		600		1	20 A		SGI RECEPT	6
7	OFFICE A-106 RECEPT		20 A	1		600		2400	1	20 A		MAIN ENTRANCE	8
9	OFFICE A-107 TV	N	20 A	1	900		0		1	20 A		CARD READER	10
11	OFFICE A-107 RECEPT	N	20 A	1		400		600	1	20 A	N	FRONT RECEPT	12
13	MECH RM RECEPT		20 A	1	200		800		1	20 A	N	BREAKRM FRIDGE	14
15	MEN'S RR HAND DRYER		20 A	1		1900		200	1	20 A	N	BREAKRM DISHWASHER	16
17	RESTROOM RECEPT		20 A	1	600		800		1	20 A		FOOD WARMER	18
19	RECEPTION COPIER		40 A	2		2800		800	1	20 A		FOOD WARMER	20
21	RECEPTION COPIER		40 A	2	2800		800		1	20 A		FOOD WARMER	22
23	WOMEN'S RR HAND DRYER	N	20 A	1		1900		800	1	20 A	N	BREAKRM RECEPT	24
25	EWC	N	20 A	1	200		1134		1	20 A	N	LIGHTING	26
27	CLINIC FRIDGE	N	20 A	1		800		942	1	20 A	N	LIGHTING	28
29	CLINIC RR HAND DRYER	N	20 A	1	1900		10		1	20 A		EXIT SIGNS	30
31	CLINIC RECEPT	N	20 A	1		1200		4000	2	20 A	N	ECH-1	32
33	RECEPT		20 A	1	600		0			20 A	IN	EON-1	34
35	CLINIC TABLES		20 A	1		400		0	1	20 A		SPARE	36
37	SPACE			1					1			SPACE	38
39	SPACE			1					1			SPACE	40

EX C

GC = PROVIDE GFI CIRCUIT BREAKER ST = PROVIDE SHUNT TRIP BREAKER LO = PROVIDE LOCKABLE DEVICE N = NEW DEVICE IN EXISTING PANEL

	PANEL TOTAL	S
	TOTAL CONNECTED LOAD PHASE A:	13443 VA
	TOTAL CONNECTED LOAD PHASE B:	20640 VA
	TOTAL CONNECTED LOAD PHASE C:	0 VA
	TOTAL CONNECTED LOAD:	34083 VA
FER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION	TOTAL CONNECTED AMPS:	142 A

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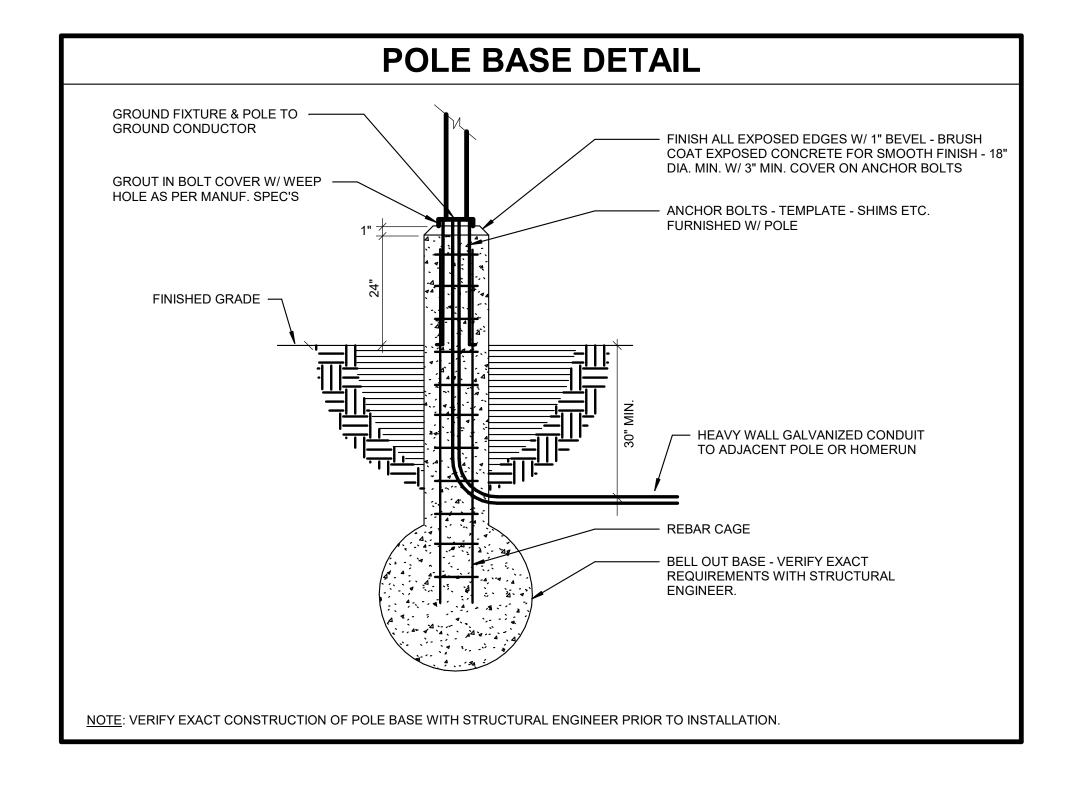
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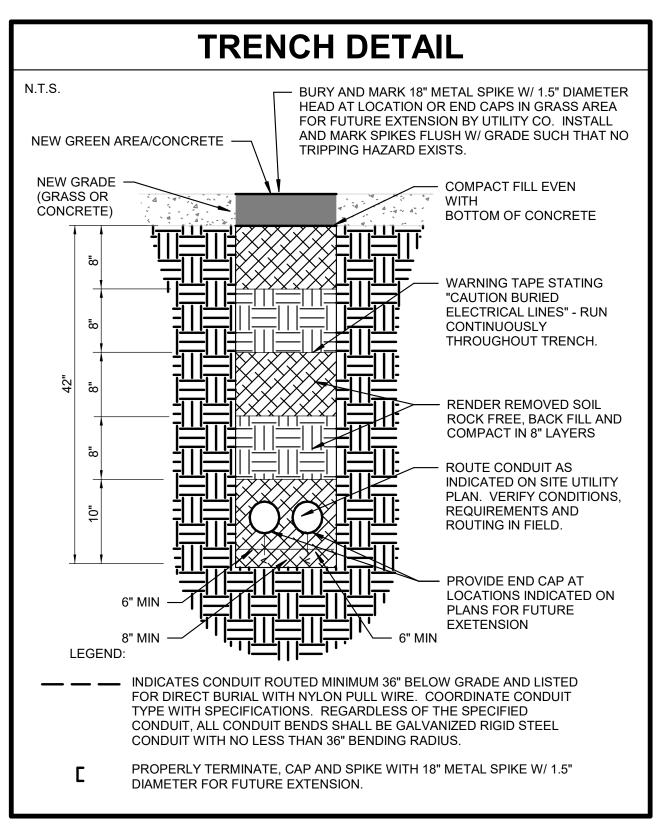
**ELECTRICAL SCHEDULES** 

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

E-501

		~~~~~	LIGHTING FIXTURE S	SCHE	:DULE							
TYPE		MANUFACTURER	\$	LAMP	COLOR TEMP	MIN LUMENS	MAX WATTS	VOLTS	CONTROL	MOUNTING TYPE	MOUNTING HEIGHT	REMARKS
AA	2'X4' RECESSED VOLUMETRIC LED FIXTURE	METALUX C	24EN-LD2-67-UNV-L840-U	LED	4000K	6700 LM	57 W	120/277V	0-10V	RECESSED LAY-IN		
AC	1'X4' RECESSED VOLUMETRIC LED FIXTURE	METALUX	14EN-LD2-XX-UNV-L840-U	LED	4000K	4000 LM	<b>3</b> 3 W	120/277V	0-10V	RECESSED LAY-IN		
ВА	2'X4' RECESSED VOLUMETRIC LED FIXTURE	METALUX	24CZ2-40-UNV-L840-CD1-U	LED	4000K	4000 LM	30 W	120/277V	0-10V	RECESSED LAY-IN		
ВВ	2'X2' VANDAL RESISTANT LED FIXTURE	METALUX	#ENV-24-2-LD2-39-40-CP125-UNV-EDD-1-HS	LED	4000K	4000 LM	30 W	120/277V	0-10V	RECESSED LAY-IN		
CA	6" DIAMETER LED OPEN DOWNLIGHT WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE	HALO LITHONIA PRESCOLITE	HC6XXD010-HM6XX840-61WDHWF LDN6-40-XX-LO6-AR-LSS-TRW-MVOLT-GZ1 LTR-6RD-H-XXXXL-DM1-LTR-6RD-T-XX40K8WD-SSWT	LED	4000K	1500 LM	44 W	120/277V	0-10V	RECESSED LAY-IN/ DRYWALL		
EE	8' SUSPENDED LED INDUSTRIAL FIXTURE WITH FLAT DIFFUSE LENS, WHITE FINISH, WIREGUARD, AND SAFETY CHAINS	LITHONIA METALUX COLUMBIA	CLX-L96-XXX-SEF-FDL-MVOLT-GZ1-35K-80CRI-WH-HC36M12-WGCLX48 8SNX-XXSL-FDL-UNV-L835-HCD1-AYC-CHAIN/SET-U-WG-SNX/SN-4FT-B MPS8-35XX-FW-ED1U-CSHC-MPSWG4	LED	4000K	3750 LM	26 W	120/277V	0-10V	Y' CHAIN SUPSENDED	<del></del>	COORDINATE LOCATIONS WITH DUCTWORK AND PIPING
FA	4" WIDE RECESSED LED LINEAR SLOT FIXTURE WITH FLUSH LENS	l .	SL4L-LOP-XXFT-FLP-XX-80CRI-40K-XX S124DR-SXXD840-XX-XXF0-1-UDD-F-XX 4L-XX-D-X-X-SOF-C1-40K9-DXXX-D01-1C-UNV	LED	4000K	4000 LM	91 W	120/277V	0-10V	RECESSED		COORDINATE LOCATIONS WITH DUCTWORK AND PIPING
НА	LED HIGH BAY FIXTURE WITH FROSTED LENS, AIRCRAFT V-HANGER, WIREGUARD AND SAFETY CABLE		OHB-XX-SE-MFL-UNV-L840-CD-Y-TOGGLE-10-OHB-WGXX IBG-XX-SEF-AFL-GND-MVOLT-GZ10-40K-80CRI-IBGACVH-WGIBGXX PELA-840-LXX-B-ED-D-SY-Y-CBL		4000K	18000 LM	114W	120/277V	0-10V	CABLE SUSPENDED	6" ABOVE BOTTOM OF STRUCTURE	PROVIDE WITH ANTI-SWAY BRACING
IA	4' SUSPENDED LED INDUSTRIAL FIXTURE WITH FLAT DIFFUSE LENS, WHITE FINISH, WIREGUARD, AND SAFETY CHAINS	LITHONIA	CLX-L48-XXX-SEF-FDL-MVOLT-GZ1-40K-80CRI-WH-HC36M12-WGCLX48 4SNX-XXSL-FDL-UNV-L840-HCD1-AYC-CHAIN/SET-U-WG-SNX/SN-4FT	LED	4000K	7000 LM	100 W	120/277V	0-10V	Y' CHAIN SUPSENDED		COORDINATE LOCATIONS WITH DUCTWORK AND PIPING
EG	LED POLE MOUNTED AREA LIGHITNG FIXTURE	LITHONIA VIPER	DSX1-XX40K-XX-MVOLT-XX-XX VP-2-320L 170L-340-4K7-3-UNV-ASQU-BLT-BC	LED AD-02	4000K	15000 LM	102 W	120/277V	0-10V	POLE		
XA	LED DIE-CAST ALUMINUM SINGLE FACE EXIT SIGN, GREEN LETTERING, BRUSHED ALUMINUM, NICAD BATTERY, SELF-DIAGNOSTICS	DUAL LITE	CX71SD LE-S-1-G-ELN-SD SESRWEI	LED	\		1 W	120/277V		WALL/CEILING		
ХВ	LED DIE-CAST ALUMINUM DUAL FACE EXIT SIGN, GREEN LETTERING, BRUSHED ALUMINUM, NICAD BATTERY, SELF-DIAGNOSTICS	SURELITES LITHONIA DUAL LITE	CX72SD LE-S-2-G-ELN-SD SEDRWEI	LED			1 W	120/277V		WALL/CEILING		
EM	FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, HIGH OUTPUT (MIN 1400LM) BATTERY UNIT OR INVERTER		FIXTURES LESS THAN 10K LM: BODINE FACTORY INSTALLED BATTERY OR AT CONTRACTORS DISCRETION, MYERS LV SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED) FIXTURES GREATER THAN 10K LM:					120/277V		IN FIXTURE/REMOTE		PROVIDE TEST SWITCH AND CHARGING INDICATOR INTEGRAL BATTERIES NOT ALLOWED IN FIXTURES WITH GREATER THAN 10K
NL	CONSTANT HOTM UNSWITCHED NIGHT LIGHT FIXTURE											





	AD-02		LOAD							FEEDER			ISCONNE	CT SWITC	Н		STARTER		
	AD-02								-			_		PROV			PROV.	BY:	
TAG	DESCRIPTION TO THE STREET OF T	WATTS	HP MCA	FLX	MOCP	<b>VOCT</b>	PHASE	PANEL	CKT. NO.	CABLE	CONDUIT	SIZE	FUSE	M.C./P.C.	E.C.	TYPE	M.C./P.C.	E.C.	REMARKS
DBP-1	DOMESTIC BOOSTER PUMP	5944	16.5			208	3	NEW D	14,16,18	2									
WH-1	WATER HEATER	1200		5		240	1	EX B-2	10,12	2 #12 & 1 #12 GRD.									
RT-2	ROOF TOP UNIT		48		60	240	3	NEW D	20,22,24	<b>\</b>							X		
WS-1 RCP-1	WATER SOFTNER RECIRC PUMP	480	O hp	س	w	240 120	سإس	EXB2.		2 #12 & 1 #12 GRD. 2 #12 & 1 #12 GRD.									
EWC-1	ELECTRICAL WATER COOLER			5		120	1			2 #12 & 1 #12 GRD.									
EWC-1	ELECTRICAL WATER COOLER			5		120	1			2 #12 & 1 #12 GRD.									
AC/CU-1	AC/CONDENSING UNIT	3328	16		30	240	1	EX B-2	5,7	3 #10 & 1 #10 GRD.							Х		
VAV-1A	VAV TERMINAL WITH ELECTRIC REHEAT	3000		25	20	120	1	NEW D	1	3 #12 & 1 #12 GRD.				Х		N/A			
VAV-1B	VAV TERMINAL WITH ELECTRIC REHEAT	2500		20.83	20	120	1	NEW D	3	3 #12 & 1 #12 GRD.				Х		N/A			
VAV-1C	VAV TERMINAL WITH ELECTRIC REHEAT	4500		37.5	25	120	1	NEW D	5	3 #10 & 1 #10 GRD.				X		N/A			
VAV-1D	VAV TERMINAL WITH ELECTRIC REHEAT	2500		20.83	20	120	1	NEW D	2	3 #12 & 1 #12 GRD.				Х		N/A			
VAV-1E	VAV TERMINAL WITH ELECTRIC REHEAT	3000		25	20	120	1	NEW D	4	3 #12 & 1 #12 GRD.				Х		N/A			
VAV-1F	VAV TERMINAL WITH ELECTRIC REHEAT	2000		16.67	0	120	1	NEW D	6	3 #12 & 1 #12 GRD.				Х		N/A			
VAV-1G	VAV TERMINAL WITH ELECTRIC REHEAT	3500		29.17	25	120	1	NEW D	7	3 #10 & 1 #10 GRD.				Х		N/A			
VAV-1H	VAV TERMINAL WITH ELECTRIC REHEAT	3500		29.17	25	120	1	NEW D	9	3 #10 & 1 #10 GRD.				Х		N/A			
VAV-1I	VAV TERMINAL WITH ELECTRIC REHEAT	3500		29.17	25	120	1	NEW D	11	3 #10 & 1 #10 GRD.				X		N/A			
VAV-1J	VAV TERMINAL WITH ELECTRIC REHEAT	3500		29.17	25	120	1	NEW D	8	3 #10 & 1 #10 GRD.				X		N/A			
VAV-1K	VAV TERMINAL WITH ELECTRIC REHEAT	3500		29.17	25	120	1	NEW D	10	3 #10 & 1 #10 GRD.				X		N/A			
VAV-1L	VAV TERMINAL WITH ELECTRIC REHEAT	1500		12.5	20	120	1	NEW D	12	3 #12 & 1 #12 GRD.				Х		N/A			
VAV-1M	VAV TERMINAL WITH ELECTRIC REHEAT	3500		29.17	20	120	1	NEW D	13	3 #12 & 1 #12 GRD.				Х		N/A			
VAV-1N	VAV TERMINAL WITH ELECTRIC REHEAT	4500		37.5	30	120	1	NEW D	15	3 #10 & 1 #10 GRD.				Х		N/A			
VAV-10	VAV TERMINAL WITH ELECTRIC REHEAT	4000		33.33	25	120	1	NEW D	17	3 #10 & 1 #10 GRD.				Х		N/A			



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Tippecanoe School Corporation

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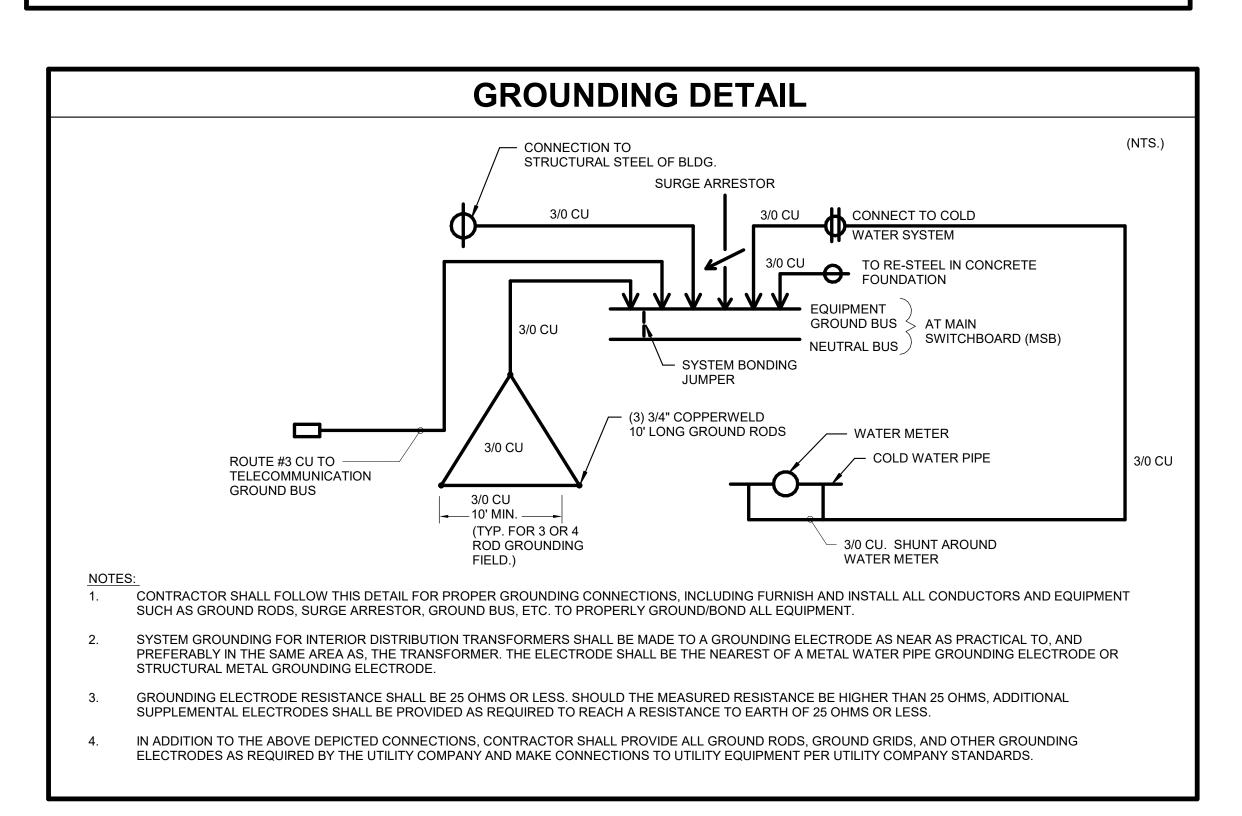
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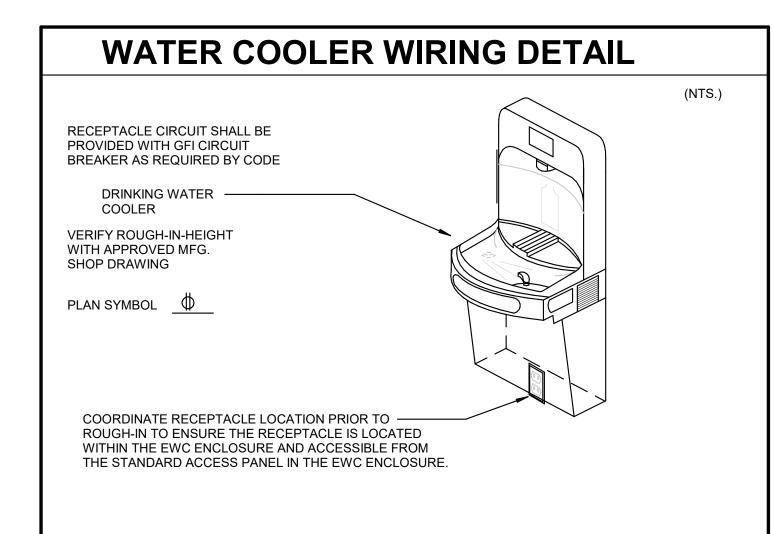
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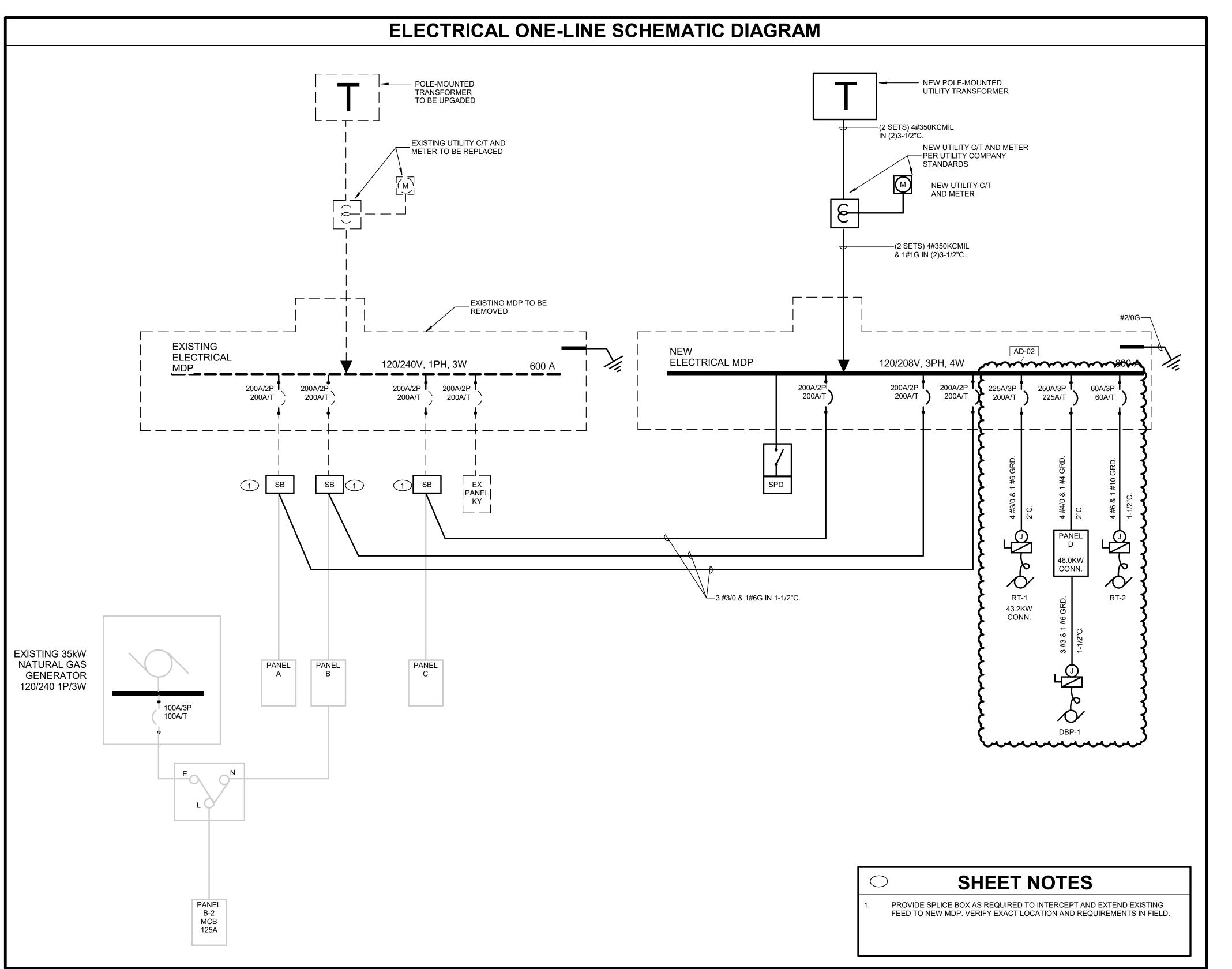
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ELECTRICAL SCHEDULES

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION









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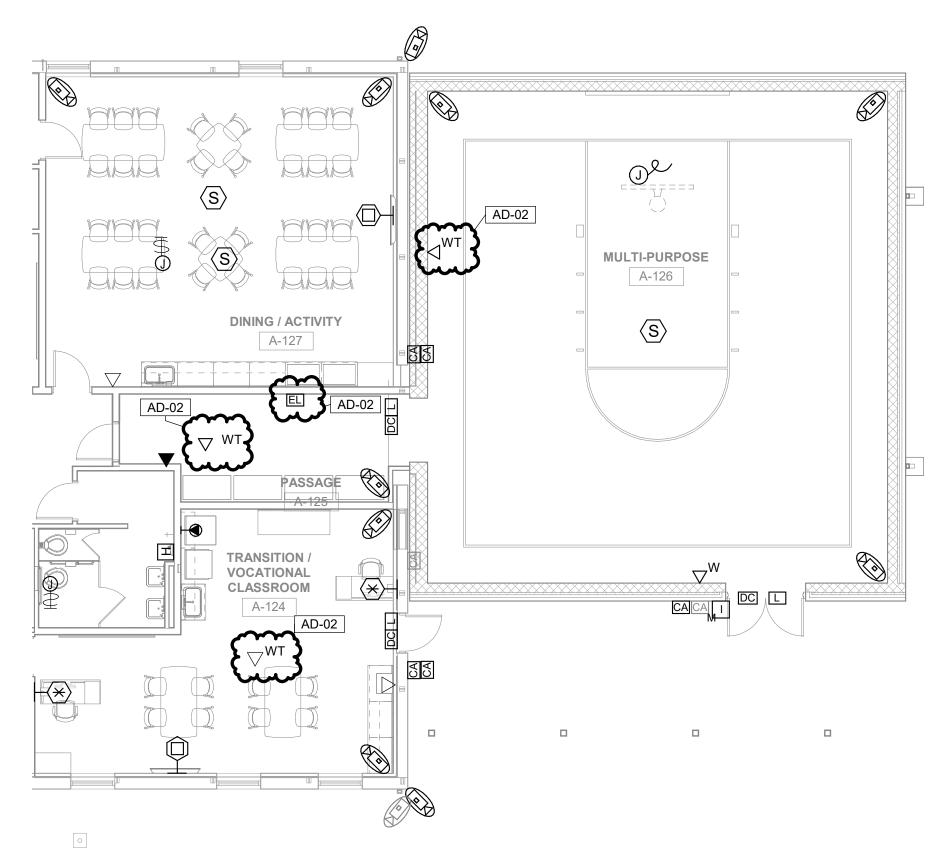
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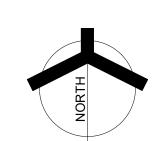
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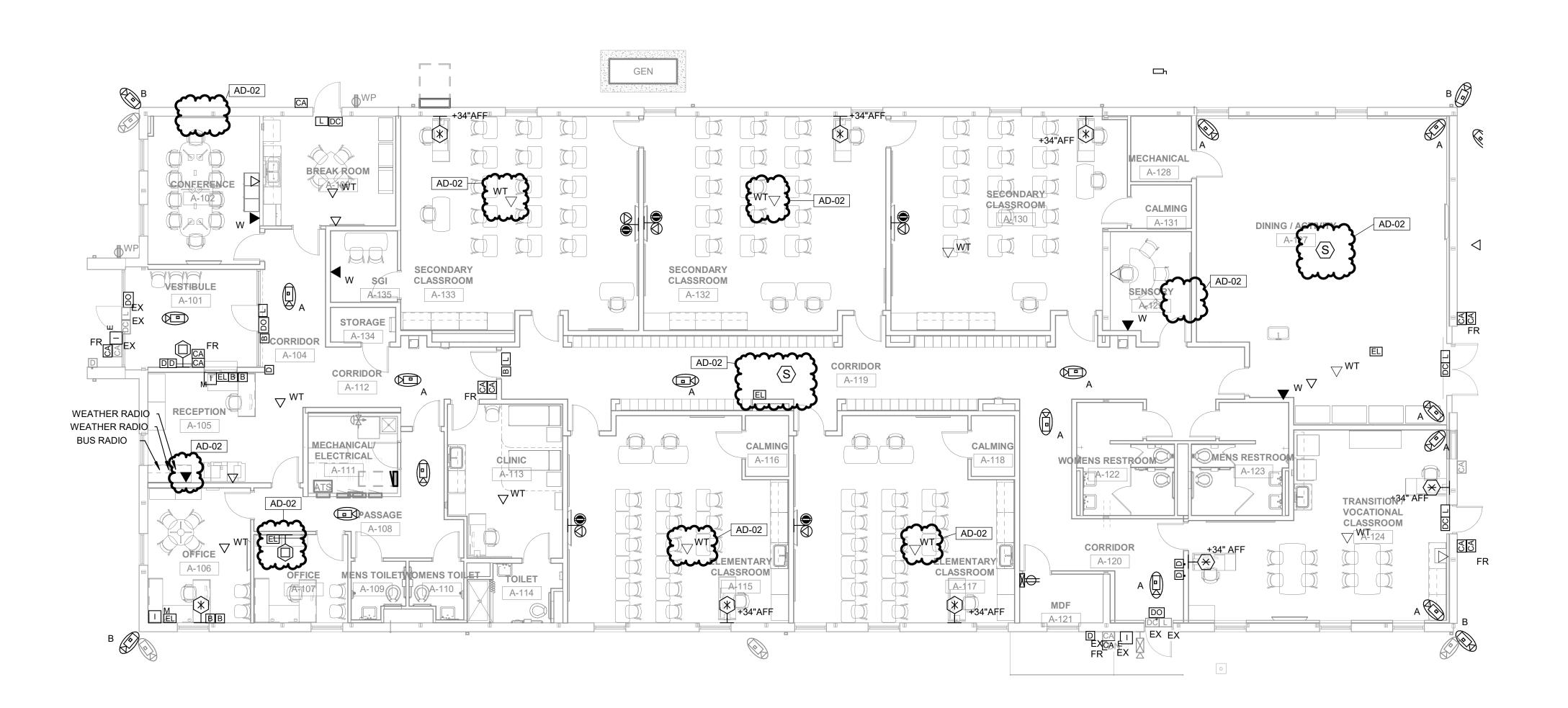
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TECHNOLOGY FIRST FLOOR PLAN - ALTERNATE BID

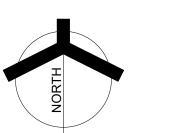
1/8" = 1'-0"





TECHNOLOGY FIRST FLOOR PLAN

1 1/8" = 1'-0"





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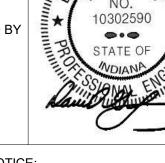
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TECHNOLOGY FIRST FLOOR

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T-101