ADDENDUM NO. 2

Penn High School Fieldhouse

Penn-Harris-Madison School Corporation Mishawaka, Indiana

Project No. 222130.00

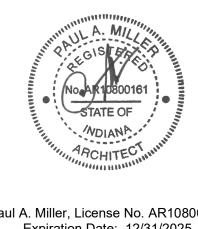
Index of Contents

Addendum No. 2, 16 items, 5 pages New Project Manual Section: 26 33 23 - Battery Inverter Equipment Revised Drawing Sheets: C2.2, C3.2, C3.3, C3.3A, C4.1, C4.2, S-004, S-11A, S-11B, S-11C, S-12B, S-522, A-11B, A-12B, AC12B, AQ71A, AQ71B, AQ751, MV102, MV202, M-601, M-602, EP11C, EP12A, EP12C, ET11B, ET12B, E-601, E-602, T-001, T-11A, T-11B, T-11C, T-12B, and T-503

February 1, 2024

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC. ARCHITECTS/ENGINEERS/CONSULTANTS



Paul A. Miller, License No. AR10800161 Expiration Date: 12/31/2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated January 10, 2024, for the Penn High School Fieldhouse for Penn-Harris-Madison School Corporation, 55900 Bittersweet Road, Mishawaka, Indiana 46545; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

PROJECT MANUAL, TABLE OF CONTENTS ITEM NO. 1.

- Α. Book 3, Page 00 01 10-2, DIVISION 26: Add Section 26 33 23 – Battery Inverter Equipment.
- NEW PROJECT MANUAL SECTION ITEM NO. 2.
- Α. New Project Manual Section 26 33 23 – Battery Inverter Equipment is included with and hereby made a part of this Addendum.

PROJECT MANUAL, SECTION 04 20 00 - UNIT MASONRY ITEM NO. 3.

- Α. Add 2.6, B., 5., b., as follows:
 - "b. "Medium Ironspot 46 Velour", by Endicott Clay Products Company."

PROJECT MANUAL, SECTION 08 71 00 - DOOR HARDWARE ITEM NO. 4.

- Α. Article 3.05: Hardware Group 14: Delete Door No. B211.
- Β. Article 3.05: Add new Hardware Group No. 14A as follows:

Hardware Group No.14A

For use on Door #(s):

B211

Provide each OPENING with the following: OTV DESCRIPTION

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
<u>3</u>	<u>EA</u>	HINGE	5BB1 SIZE, QTY, NRP AS REQ'D (SEE	<u>652</u>	IVE
			<u>SPECS)</u>		
<u>1</u>	<u>EA</u>	STOREROOM LOCK	L9080BDC 03A	<u>626</u>	<u>SCH</u>
<u>1</u>	<u>EA</u>	PERMANENT CORE	MARSHALL BEST SECURITY, 7-PIN,	<u>626</u>	MAR
			SMALL FORMAT		
			INTERCHANGEABLE CORE		
<u>1</u>	<u>EA</u>	SURFACE CLOSER	<u>4040XP REG</u>	<u>689</u>	LCN

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
<u>1</u>	<u>EA</u>	KICK PLATE	<u>8400 10" X 1 1/2" LDW B-CS</u>	<u>630</u>	IVE
<u>1</u>	<u>EA</u>	WALL STOP	<u>WS406/407CVX</u>	<u>630</u>	IVE
<u>3</u>	<u>EA</u>	<u>SILENCER</u>	<u>SR64</u>	<u>GRY</u>	IVE
<u>1</u>	<u>EA</u>	DOOR CONTACT	<u>679 SERIES</u>	<u>BLK</u>	<u>SCE</u>

ITEM NO. 5. PROJECT MANUAL, SECTION 08 87 23 - SAFETY AND SECURITY FILM

- A. Replace 2.3, A., as follows:
 - "A. 3M Safety S140 (SH14CLARL): Optically clear polyester film with a durable acrylic abrasion resistant coating over one surface and a pressure sensitive adhesive over the other. The adhesive is pressure-activated, not water-activated, and forms a physical bond, not chemical bond, to the glass. The film may be laminated to other clear polyester film layers to achieve the desired thickness of the film.
 - 1. Physical / Mechanical Performance Properties:
 - a. Film Color: Clear.
 - b. Thickness: Nominal 14 mils.
 - c. Tensile Strength (ASTM D 882): 25,000 psi.
 - d. Break Strength (ASTM D 882) (Per Inch Width): 350 lbs.
 - 2. Uniformity: No noticeable pin holes, streaks, thin spots, scratches, banding or other optical defects.
 - 3. Variation in Total Transmission across the Width: Less than 2 percent over the average at any portion along the length.
 - 4. Identification: Labeled as to Manufacturer as listed in this Section.
 - 5. Solar Performance Properties: Film applied to 1/4 Inch thick clear glass.
 - a. Visible Light Transmission (ASTM E 903): 85 percent.
 - b. Ultraviolet Transmission (ASTM E 903): Less than 1 percent.
 - 6. Impact Resistance for Safety Glazing: Tested on 1/4 inch annealed glass.
 - a. Safety Rating (CPSC 16 CFR, Part 1201): Category II (400 ft.-lbs).
 - 7. Impact Resistance and Pressure Cycling:
 - a. Film shall pass impact of Medium Large Missile "C" and withstand subsequent pressure cycling (per ASTMs E 1996 and E 1886) at +/- 50 psf Design Pressure with use of 3M Impact Protection Adhesive attachment system.
 - 8. Forced Entry Protection: Independent lab testing according to UL 972 protocol (Multiple Impact Test).
 - a. Annealed Glass (1/4 inch) Pass."

ITEM NO. 6. PROJECT MANUAL, SECTION 09 67 66 - FLUID-APPLIED ATHLETIC FLOORING

A. Article 1.1, A., 1: Change "(PRF)" to "<u>(UF)</u>." Therefore, matching the List of Finishes.

ITEM NO. 7. PROJECT MANUAL, SECTION 10 14 23 – INTERIOR PANEL SIGNS

- A. Add 2.6, A. 5., as follows:
 - "5. Location: Vinyl letters are to be located on the glass transoms."

ITEM NO. 8. PROJECT MANUAL, SECTION 11 52 13 - FRONT PROJECTION SCREENS

- A. Replace second 2.3, A., as follows:
 - "B. Surface-Mounted, Metal Encased, Electrically Operated Screens: Motor-in-roller units designed and fabricated for surface mounting on wall or at ceiling, fabricated from formed steel sheet not less than 0.027 inch thick or aluminum extrusions; with flat back design and vinyl covering or baked-enamel finish. Provide units with end caps and universal mounting brackets, finished to match end caps.
 - 1. Products:
 - a. Da-Lite Screen Co., Inc.; Cosmopolitan Electrol.
 - b. Draper Inc.; Targa.
 - c. Alltec Screens; a brand of Altec Pro.
 - d. Stewart Filmscreen Corporation; Model A ElectriScreen.
- B. Replace 2.4, K., 1., as follows:
 - "1. Mounting Accessories: Provide manufacturer's heavy steel extension wall bracket to mount screen 6 inches from wall where wall mounting is indicated."
- C. Delete 2.4, K., 2., in its entirety.

ITEM NO. 9. PROJECT MANUAL, SECTION 12 24 13 - ROLLER WINDOW SHADES

- A. Add 2.3, C., as follows:
 - "C. Light-Blocking Fabric: Opaque fabric, stain and fade resistant.
 - 2. Shade Band Material: Polyester-cotton blend, 13.5 oz./sq.yd. min., .025 inches thick mm. Fire rating: NFPA 701. Green Spec. Listed.
 - 3. Color: As selected by A/E from manufacturer's full range.
 - 4. Location: Shades where indicated on interior window/opening locations.

ITEM NO. 10. PROJECT MANUAL, SECTION 12 48 26.01 - ENTRANCE CARPET TILE

A. Article 2.2, A., 1: Add "<u>two-color</u>" between "Provide" and "school" at beginning of sentence.

ITEM NO. 11. PROJECT MANUAL, SECTION 12 66 00 - TELESCOPING STANDS

- A. Replace 2.5, A., 1., as follows:
 - "1. Material: Molded polyethylene plastic with contour seat surface.
 - 1. Colors: Three colors will be selected as indicated on Drawings. Custom color to match school colors required.
 - 2. Graphics: Colored seating layout shall be arranged in text graphic as indicated on Drawings.

ITEM NO. 12. PROJECT MANUAL, SECTION 13 34 19 – METAL BUILDING SYSTEMS

- A. Replace 2.3, D., 1., as follows:
 - "1. Metal Roof Panel Assemblies:
 - a. R-Value: R-30 total.
 - 1) 6 inch batt insulation between purlins.
 - 2) 3.5 inch batt insulation over the purlins with thermal break."

Addendum No. 2 Penn High School Fieldhouse Penn-Harris-Madison School Corporation

- B. Replace 2.6, B., 3., as follows:
 - "3. Location: Wall Insulation only."
- C. Replace 2.6, D., as follows:

3.

- "D. Roof Liner Insulation Retaining System: Liner system that permanently supports insulation and allows full depth and insulation width between and above purlins as indicated herein.
 - 1. Roof liner system shall provide an OSHA compliant fall arrest system and protection from falling objects.
 - 2. Manufacturer's standard polyethylene vapor retarder liner fabric, white.
 - a. Fabric liner composed of woven high-density polyethylene coated on both sides with polyethylene.
 - b. ASTM C1136, Types I through Type VI.
 - c. Perm Rating: Maximum of 0.02 per ASTM E96.
 - d. Surface Burning: Flame Spread Index of 0 and Smoke Development Indiex of less than 50, per ASTM E84.
 - e. Manufacturer's standard double sided tape and patch tape as required.
 - Galvanized metal support straps (bands).
 - a. Coated steel, width 1.0 inch, structural steel Grade 50 per ASTM C 653, exposed color, white.
 - b. Provide gridwork of steel retainer straps engineered for compliance with fall arrest system and insulation loading.
 - 4. Metal Building Insulation, two layers.
 - a. Batt Insulation, ASTM C991, Type 1.
 - b. Surface Burning: Flame Spread Index less than 25 and Smoke Development Index less than 50 per ASTM E84.
 - c. Unfaced.
 - d. Thermal Resistance, total: R-30.
 - e. Thickness over purlins 3.5 inches.
 - f. Thermal Breaks: Extruded or expanded polystyrene thermal spacer blocks.
 - g. Insulation hangers: Manufacturer's standard as required.
 - 5. Fasteners: Manufacturer's standard, color matched to liner system with sealing washers.
 - 6. Manufacturers:
 - a. "Simple Save System" by Thermal Design.
 - b. "ProLiner Branded Liner System by Therm-All.
 - c. "Energy Saver FP" by Silvercote Envelope Solutions."

ITEM NO. 13. <u>PROJECT MANUAL, SECTION 26 05 26 – GROUNDING AND BONDING FOR ELECTRICAL</u> <u>SYSTEMS</u>

- A. Add 1.3, B., 1., f., as follows:
 - "d. Ground rings."
- B. Add 3.5, K., as follows:
 - "K. Ground Ring: Install a grounding conductor, electrically connected to each building structure ground rod and to each steel column, extending around the perimeter of building.
 - 1. Install tinned-copper conductor not less than No. 2/0 AWG for ground ring and for taps to building steel.
 - 2. Bury ground ring not less than 24 inches from building foundation."

ITEM NO. 14. PROJECT MANUAL, SECTION 28 31 11 – DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM

- A. Article 2.1, A: Delete subparagraphs 1, 2, 3, 4, 5, and 6, in their entirety.
- B. Add new subparagraph 2.1, A., 1., as follows:
 - "1. Simplex, a part of Johnson Controls."

ITEM NO. 15. ACCEPTABLE MANUFACTURERS

The following manufacturers are to be considered acceptable manufacturers (suppliers and fabricators) for the Sections of the Specifications listed. Listed manufacturers are required to bid on products equal in type and design, size, function, and quality to that originally specified. Final decision as to equality of products specified versus those proposed shall be made by the Architect.

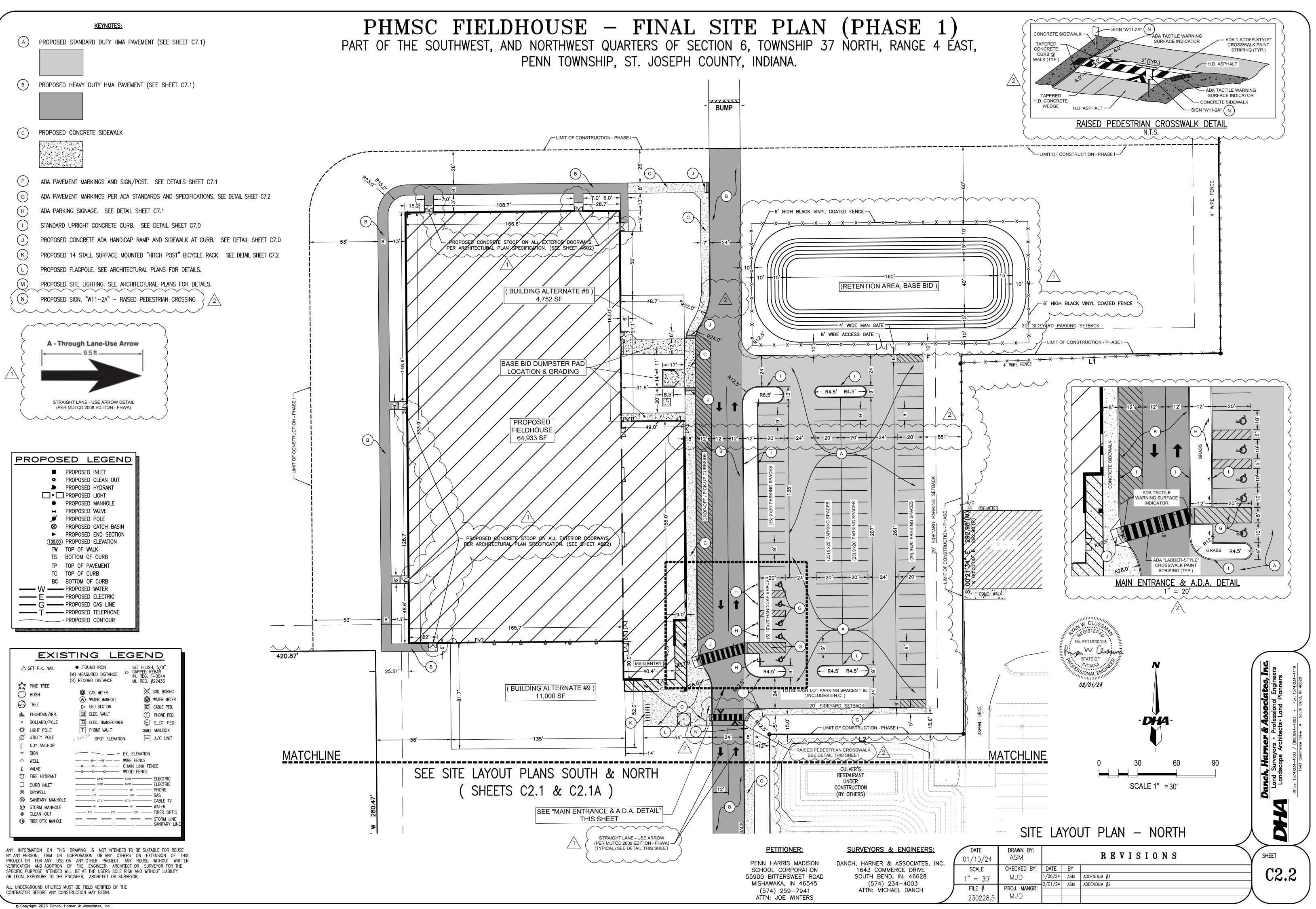
Section 08 45 13 – Structured-Polycarbonate-Panel Assemblies

- Major Industries/Kingspan, Wausau, Wisconsin
- Duo-Gard, Canton, Michigan

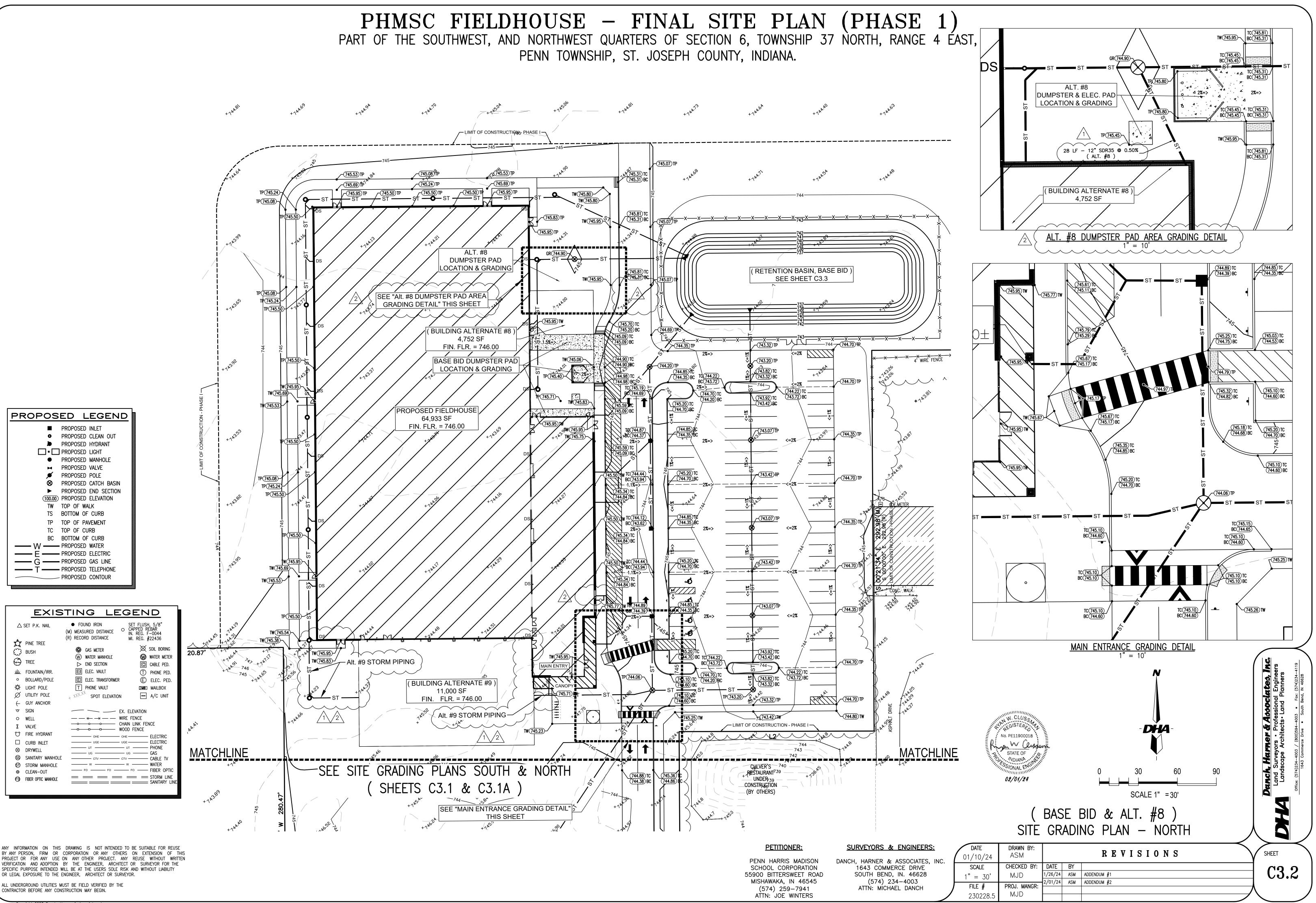
ITEM NO. 16. REVISED DRAWING SHEETS

A. Drawing Sheets: C2.2, C3.2, C3.3, C3.3A, C4.1, C4.2, S-004, S-11A, S-11B, S-11C, S-12B, S-522, A-11B, A-12B, AC12B, AQ71A, AQ71B, AQ751, MV102, MV202, M-601, M-602, EP11C, EP12A, EP12C, ET11B, ET12B, E-601, E-602, T-001, T-11A, T-11B, T-11C, T-12B, and T-503 have been revised, dated 2/1/24, and is included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM



PENN TOWNSHIP, ST. JOSEPH COUNTY, INDIANA.



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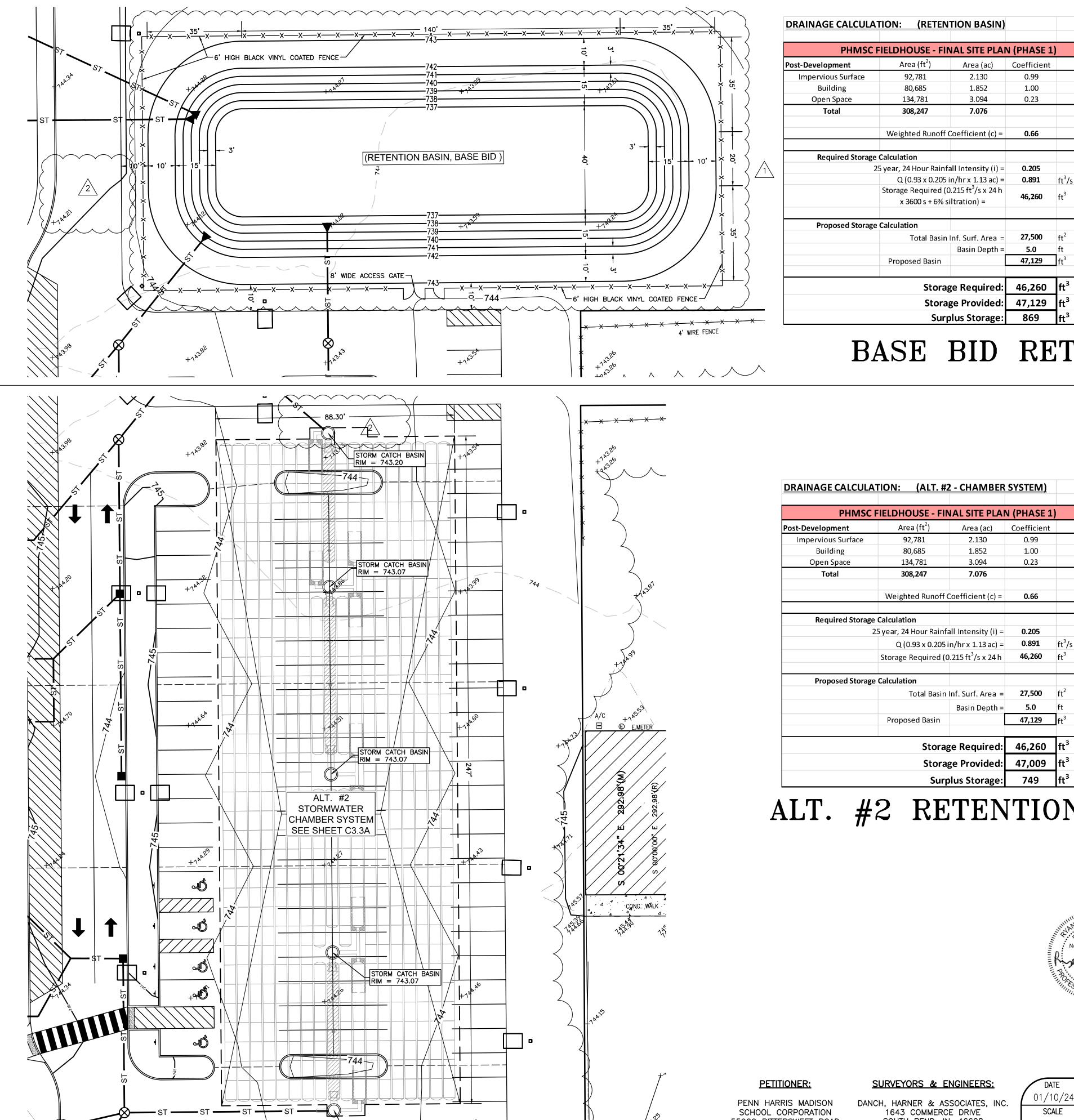
PROPOSED LEGEND
PROPOSED INLET
PROPOSED CLEAN OUT
PROPOSED HYDRANT
🔲 • 🛄 PROPOSED LIGHT
PROPOSED MANHOLE
► PROPOSED VALVE
🔎 PROPOSED POLE
😣 PROPOSED CATCH BASIN
PROPOSED END SECTION
(100.00) PROPOSED ELEVATION
TW TOP OF WALK
TS BOTTOM OF CURB
TP TOP OF PAVEMENT
TC TOP OF CURB
BC BOTTOM OF CURB
W PROPOSED WATER
E PROPOSED ELECTRIC
G PROPOSED GAS LINE
T PROPOSED TELEPHONE

PROPOSED CONTOUR

	EXIS	TING LEGEND	
Δ	set p.k. Nail	FOUND IRON SET FLUSH, 5/8" CAPPED REBAR IN. REG. F-0044 IN. REG. F-0044 IN. REG. F-0044	
	PINE TREE BUSH TREE FOUNTAIN/IRR. BOLLARD/POLE LIGHT POLE UTILITY POLE GUY ANCHOR SIGN WELL VALVE	(R) RECORD DISTANCE MI. REG. #22436 Image: Record distance Image: Record distance Image: Record distance	,
↑ _ ⊗ © © ©	FIRE HYDRANT CURB INLET DRYWELL SANITARY MANHOLE STORM MANHOLE CLEAN-OUT FIBER OPTIC MANHOLE	OHE WOOD FENCE OHE ELECTRIC UGE UGE ELECTRIC UGE UGE GAS OFT CTV CTV CABLE TV W WATER F0 F0 F0 F0 FIBER OPTIC SANITARY LI	Ξ

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ALL UNDERGROUND UTILITIES MUST BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ANY CONSTRUCTION MAY BEGIN.



STORM CATCH BASIN

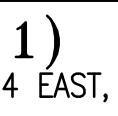
RIM = 743.20

PHMSC FIELDHOUSE - FINAL SITE PLAN (PHASE 1) PART OF THE SOUTHWEST, AND NORTHWEST QUARTERS OF SECTION 6, TOWNSHIP 37 NORTH, RANGE 4 ÉAST, PENN TOWNSHIP, ST. JOSEPH COUNTY, INDIANA.

55900 BITTERSWEET ROAD MISHAWAKA, IN 46545 (574) 259–7941 ATTN: JOE WINTERS

SURVEYORS & ENGINEERS:

1643 COMMERCE DRIVE SOUTH BEND, IN. 46628 (574) 234–4003 ATTN: MICHAEL DANCH



Coefficient Total 0.99 91,853 80,685 1.00 0.23 31,000 203,538 Q (0.93 x 0.205 in/hr x 1.13 ac) = **0.891** ft^3/s 46,260 Basin Depth = **5.0** ft **47,129** f Storage Required: 46,260 Storage Provided: 47,129 Surplus Storage: 869

Coefficient

0.99

1.00

0.23

Total

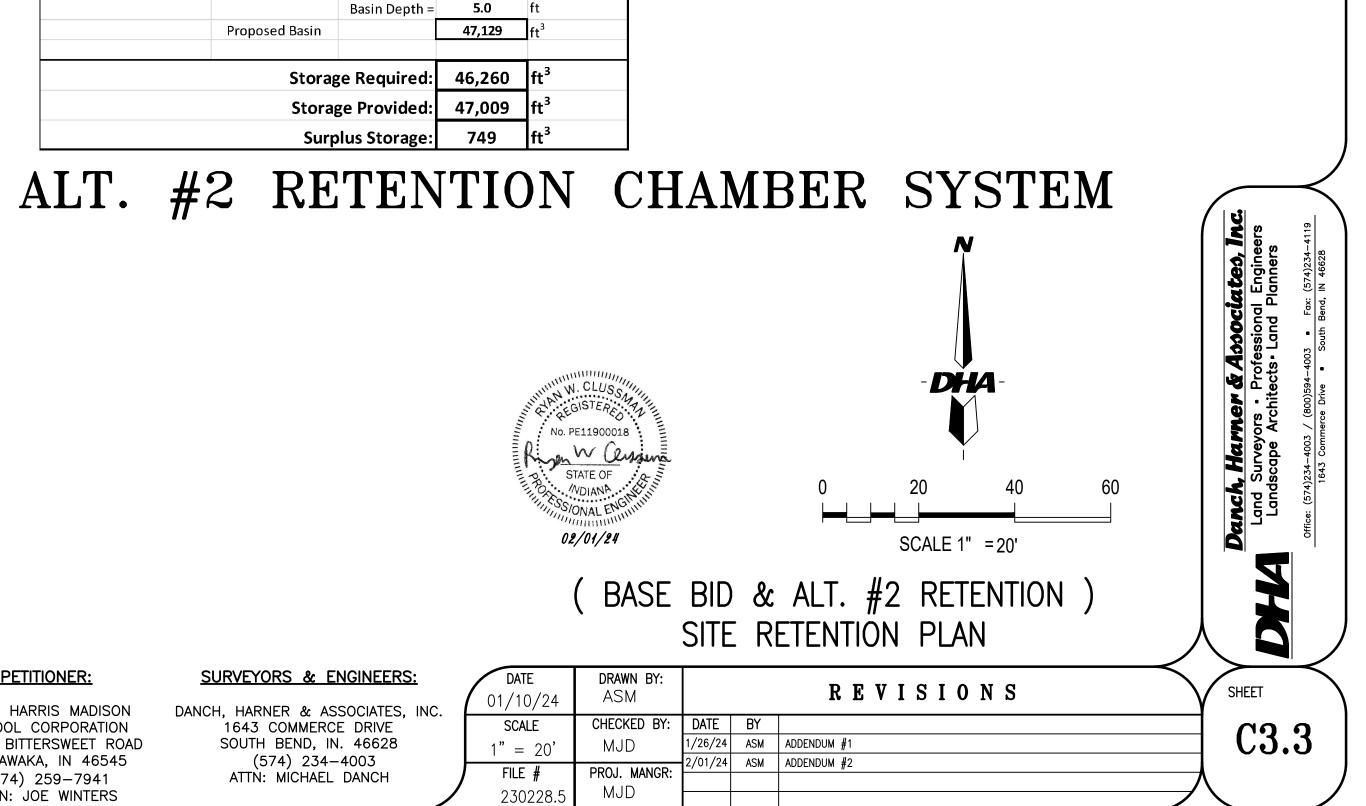
91,853

80,685

203,538

Project:	PHMSC FIELD	HOUSE - FIN	AL SITE PLAN (P	HASE 1)	Date:	12/7/2023	
County:	ST. JOSEPH	COUNTY, INDI	ANA.		Job No.:	230228.5	
City/Town:	PENN TOWNS	SHIP					
Proposed Re	etention Basin A	Area					
Elevation	Area (Sq.Ft.)	Distance	Double Area	Volume (ft)			
737	6314.16						
738	7490.93	1	13805.09	6902.545			
739	8724.25	1	16215.18	8107.59			
740	10014.11	1	18738.36	9369.18			
741	11360.53	1	21374.64	10687.32			
742	12763.5	1	24124.03	12062.015	Top of Pond	47,129	CFT
743	17848.45	1	30611.95	15305.975	Freeboard	62,435	CFT
VOLUME RE	TENTION POND					47,129	CFT

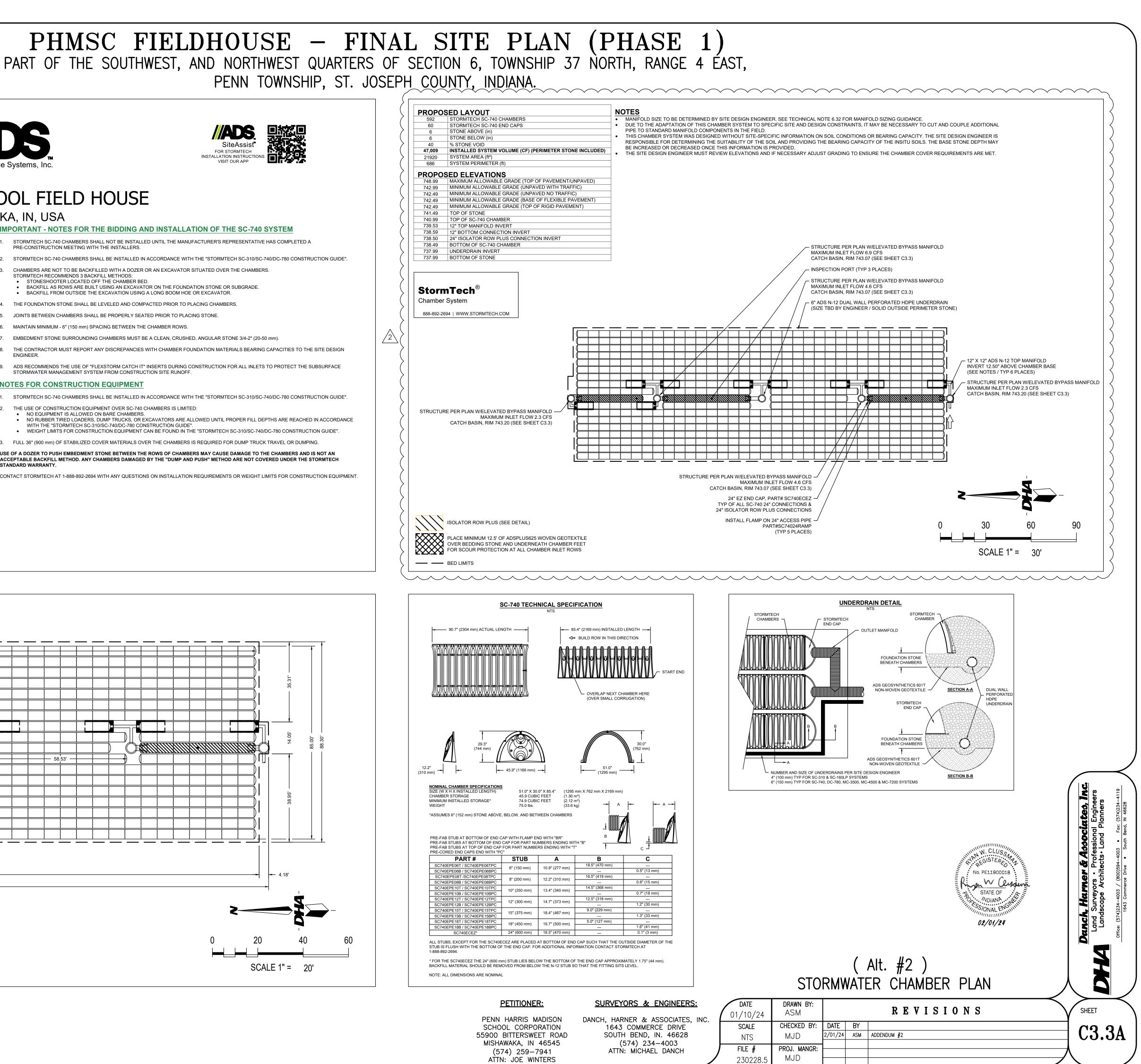
RETENTION E	BASIN
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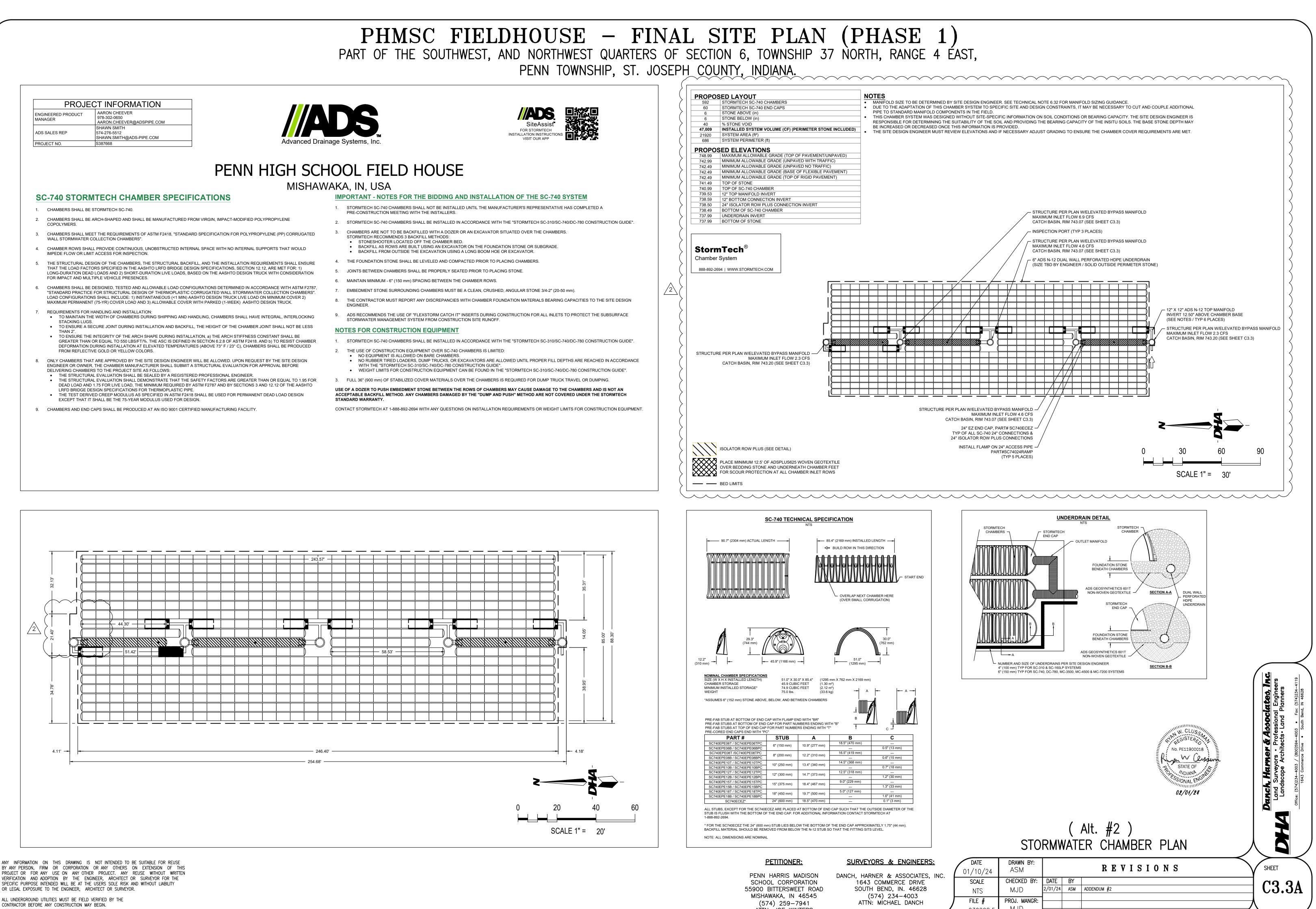




MISHAWAKA, IN, USA

- THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1)
- "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
- THAN 2" • TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE
- DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE
- THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
- EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.



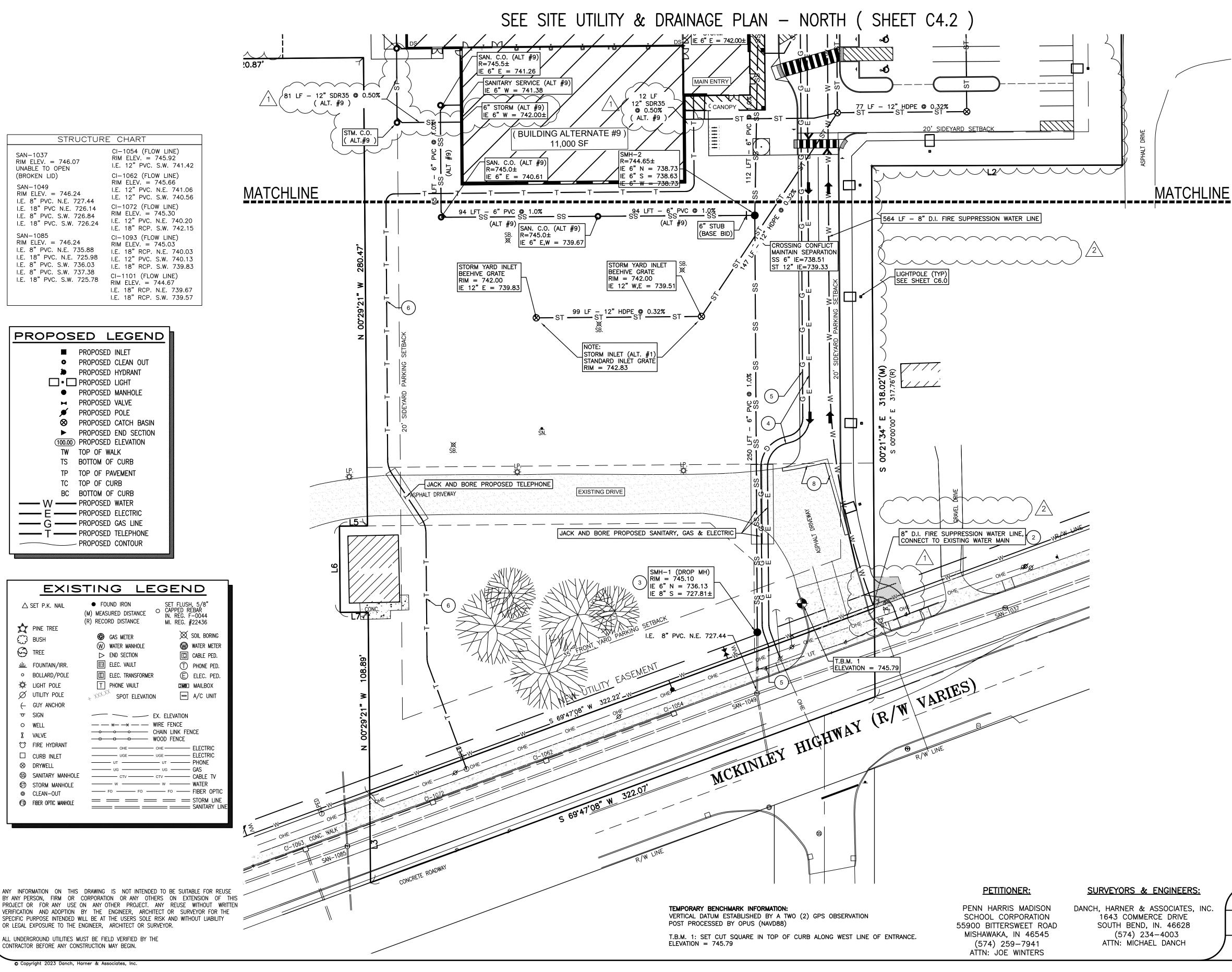


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ATTN: JOE WINTERS

PHMSC FIELDHOUSE - FINAL SITE PLAN (PHASE 1) PART OF THE SOUTHWEST, AND NORTHWEST QUARTERS OF SECTION 6, TOWNSHIP 37 NORTH, RANGE 4 ÉAST, PENN TOWNSHIP, ST. JOSEPH COUNTY, INDIANA.



UTILITY KEYNOTES:

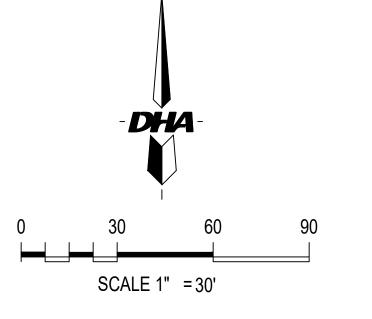
- 1-1/2" COPPER DOMESTIC WATER SERVICE: INSTALL TAP & VALVE USING METHODS AND MATERIALS PER MISHAWAKA STANDARD SPECIFICATIONS. STOP BOXES SHALL BE LOCATED BEHIND THE CURB IN LANDSCAPE ISLAND. ONE (1) MAIN METER AND SUB-METERS PER ARCHITECT'S INTERNAL PLUMBING PLAN. COORDINATE ALL ACTIVITIES WITH MISHAWAKA WATER DEPARTMENT.
- (2)8" DUCTILE IRON WATER LINE FOR FIRE PROTECTION. PROVIDE 12" X 8" TAP & VALVE FROM 12" WATER MAIN. FIRE LINE TO SERVICE THE ENTIRE BUILDING. SEE ARCHITECT'S PLUMBING PLAN FOR INTERNAL SPLIT. WATER UTILITIES SHALL BE INSTALLED AND TESTED PER THE "GENERAL CONSTRUCTION SPECIFICATIONS" FOR THE MISHAWAKA UTILITIES WATER DIVISION.
- (3)6" SANITARY SEWER CONNECTION: PROVIDE A SANITARY SEWER "DROP MANHOLE" AT END OF THE EXISTING 8" SEWER EXTENSION LEADING NORTH FROM THE EXISTING SANITARY STRUCTURE #1049 LOCATED IN McKINLEY HWY. PAVEMENT. PROVIDE 6" SDR 35 SANITARY SEWER MAIN FROM ROUTE LINE PER PLAN. INSTALL USING METHODS AND MATERIALS PER MISHAWAKA STANDARD SPECIFICATIONS. COORDINATE ALL ACTIVITIES WITH MISHAWAKA UTILITIES DEPARTMENT. NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO INSTALLATION. JACK AND BORE SANITARY SEWER UNDER THE EXISTING ASPHALT PAVED FIRE DEPARTMENT DRIVEWAY PER CITY OF MISHAWAKA STANDARD SPECIFICATIONS.
- (4) ELECTRIC SERVICE: "POWER CO." TO PROVIDE UNDERGROUND SERVICE VIA TRANSFORMER. CONTRACTOR TO PROVIDE AND INSTALL 4" CONDUIT TO NEW CONNECTION LOCATION. SEE ARCHITECTURAL SHEETS FOR ELECTRICAL SCHEDULES CONFIRM WITH ARCHITECT PRIOR TO WORK.
- NATURAL GAS SERVICE: NATURAL GAS SERVICE. COORDINATE PIPING WITH NIPSCO.
- TELEPHONE SERVICE: "TELEPHONE CO." TO PROVIDE (6) UNDERGROUND SERVICE. CONTRACTOR TO PROVIDE AND INSTALL CONDUIT WIRE TO NEW CONNECTION LOCATION AS DETERMINED BY OWNER/ARCHITECT.
- (DOWNSPOUTS ARE TO BE CONNECTED TO 12" SDR 35 STORM SEWER SYSTEM AS SHOWN IN THE PLANS AT 0.5% SLOPE MINIMUM. INSTALL CLEAN-OUTS WERE NECESSARY FOR MAINTENANCE.
- PAVEMENT PATCH PER MISHAWAKA ENGINEERING STANDARDS. SEE PAVEMENT PATCH DETAIL IV-2 ON SHEET C7.1
- PROPOSED FIRE HYDRANT LOCATED PER MISHAWAKA FIRE (9) DEPT. & WATER DEPT. SEE DETAIL ON SHEET C7.2

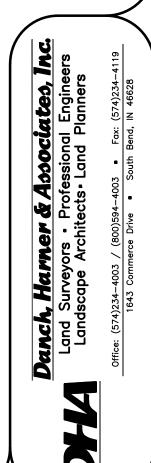
UTILITY NOTE: CONTRACTOR TO FIELD VERIFY LOCATION, SIZE AND

INVERT OF "MAPPED" EXISTING SANITARY SEWER PRIOR TO INSTALLATION. NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO INSTALLATION. OPEN-CUT TRENCH ALL UTILITY CONNECTIONS PER CITY OF MISHAWAKA STANDARD SPECIFICATIONS.

*EXCEPTION: THE CONTRACTOR SHALL JACK AND BORE ANY UTILITY CROSSING UNDER THE EXISTING FIRE DEPARTMENT ACCESS DRIVE LOCATED WITHIN THE EXISTING ROADWAY EASEMENT LOCATED ON THE SOUTH SIDE OF THE SITE.







SITE UTILITY & DRAINAGE PLAN – SOUTH

INC.	DATE 01/10/24	drawn by: ASM			REVISIONS		SHEET
	SCALE	CHECKED BY:	DATE	BY			
	1" = 30'	MJD	1/26/24	ASM	ADDENDUM #1		U4.1
	FILE #	PROJ. MANGR:	2/01/24	ASM	ADDENDUM #2		
		MJD				/	
	230228.5	MJD					

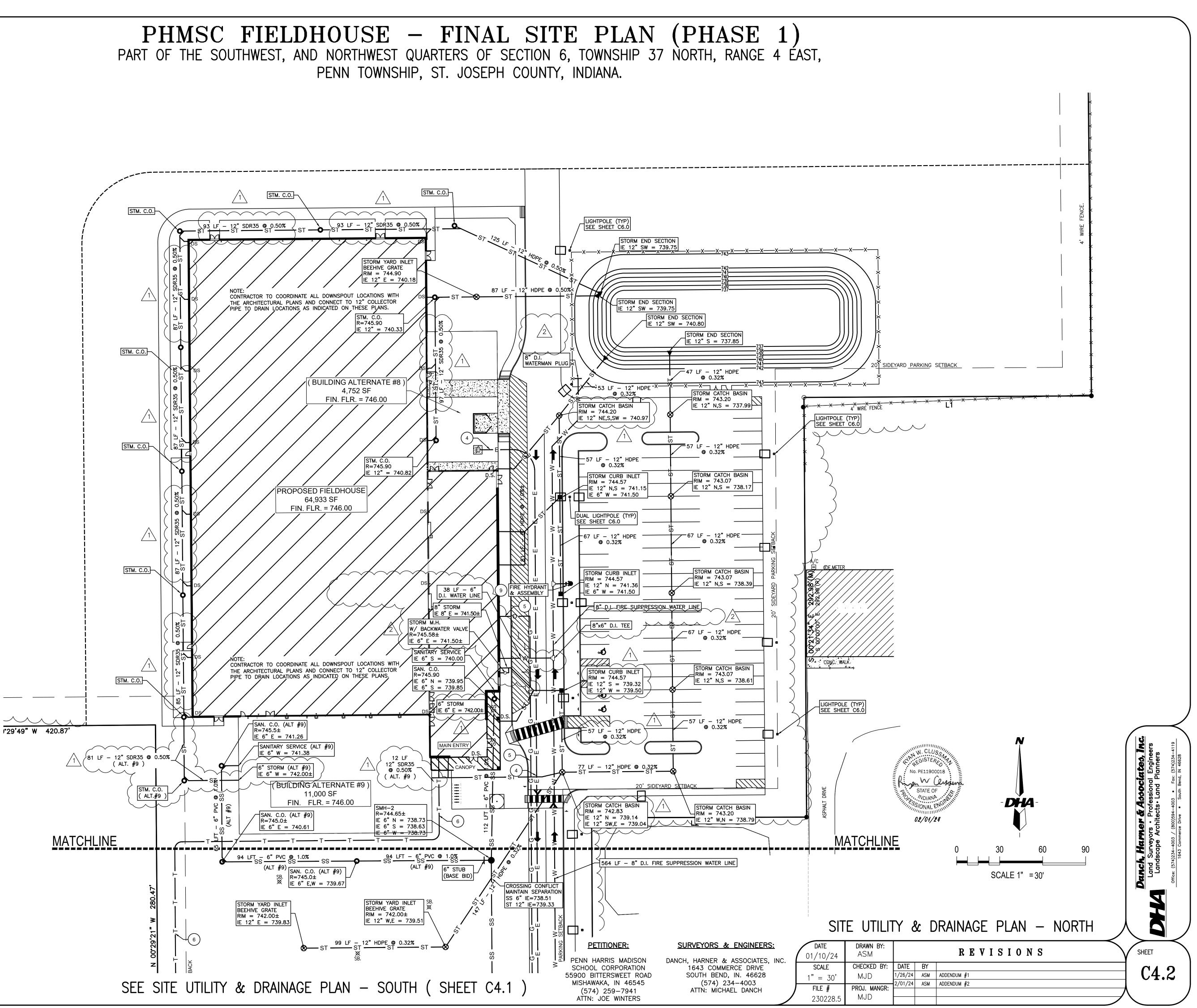
UTILITY KEYNOTES:

- (1)1-1/2" COPPER DOMESTIC WATER SERVICE: INSTALL TAP & VALVE USING METHODS AND MATERIALS PER MISHAWAKA STANDARD SPECIFICATIONS. STOP BOXES SHALL BE LOCATED BEHIND THE CURB IN LANDSCAPE ISLAND. ONE (1) MAIN METER AND SUB-METERS PER ARCHITECT'S INTERNAL PLUMBING PLAN. COORDINATE ALL ACTIVITIES WITH MISHAWAKA WATER DEPARTMENT.
- (2)8" DUCTILE IRON WATER LINE FOR FIRE PROTECTION. PROVIDE 12" X 8" TAP & VALVE FROM 12" WATER MAIN. FIRE LINE TO SERVICE THE ENTIRE BUILDING. SEE ARCHITECT'S PLUMBING PLAN FOR INTERNAL SPLIT. WATER UTILITIES SHALL BE INSTALLED AND TESTED PER THE "GENERAL CONSTRUCTION SPECIFICATIONS" FOR THE MISHAWAKA UTILITIES WATER DIVISION.
- (3)6" SANITARY SEWER CONNECTION: PROVIDE A SANITARY SEWER "DROP MANHOLE" AT END OF THE EXISTING 8" SEWER EXTENSION LEADING NORTH FROM THE EXISTING SANITARY STRUCTURE #1049 LOCATED IN McKINLEY HWY. PAVEMENT. PROVIDE 6" SDR 35 SANITARY SEWER MAIN FROM ROUTE LINE PER PLAN. INSTALL USING METHODS AND MATERIALS PER MISHAWAKA STANDARD SPECIFICATIONS. COORDINATE ALL ACTIVITIES WITH MISHAWAKA UTILITIES DEPARTMENT. NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO INSTALLATION. JACK AND BORE SANITARY SEWER UNDER THE EXISTING ASPHALT PAVED FIRE DEPARTMENT DRIVEWAY PER CITY OF MISHAWAKA STANDARD SPECIFICATIONS.
- (4) ELECTRIC SERVICE: "POWER CO." TO PROVIDE UNDERGROUND SERVICE VIA TRANSFORMER. CONTRACTOR TO PROVIDE AND INSTALL 4" CONDUIT TO NEW CONNECTION LOCATION. SEE ARCHITECTURAL SHEETS FOR ELECTRICAL SCHEDULES CONFIRM WITH ARCHITECT PRIOR TO WORK. $\sim \sim \sim$
- NATURAL GAS SERVICE: NATURAL GAS SERVICE. (5 COORDINATE PIPING WITH NIPSCO.
- TELEPHONE SERVICE: "TELEPHONE CO." TO PROVIDE 6 UNDERGROUND SERVICE. CONTRACTOR TO PROVIDE AND INSTALL CONDUIT WIRE TO NEW CONNECTION LOCATION AS DETERMINED BY OWNER/ARCHITECT.
- DOWNSPOUTS ARE TO BE CONNECTED TO 12" SDR 35 (7)STORM SEWER SYSTEM AS SHOWN IN THE PLANS AT 0.5% SLOPE MINIMUM. INSTALL CLEAN-OUTS WERE NECESSARY FOR MAINTENANCE.
- PAVEMENT PATCH PER MISHAWAKA ENGINEERING STANDARDS. SEE PAVEMENT PATCH DETAIL IV-2 ON SHEET C7.1 (9) PROPOSED FIRE HYDRANT LOCATED PER MISHAWAKA FIRE DEPT. & WATER DEPT. SEE DETAIL ON SHEET C7.2

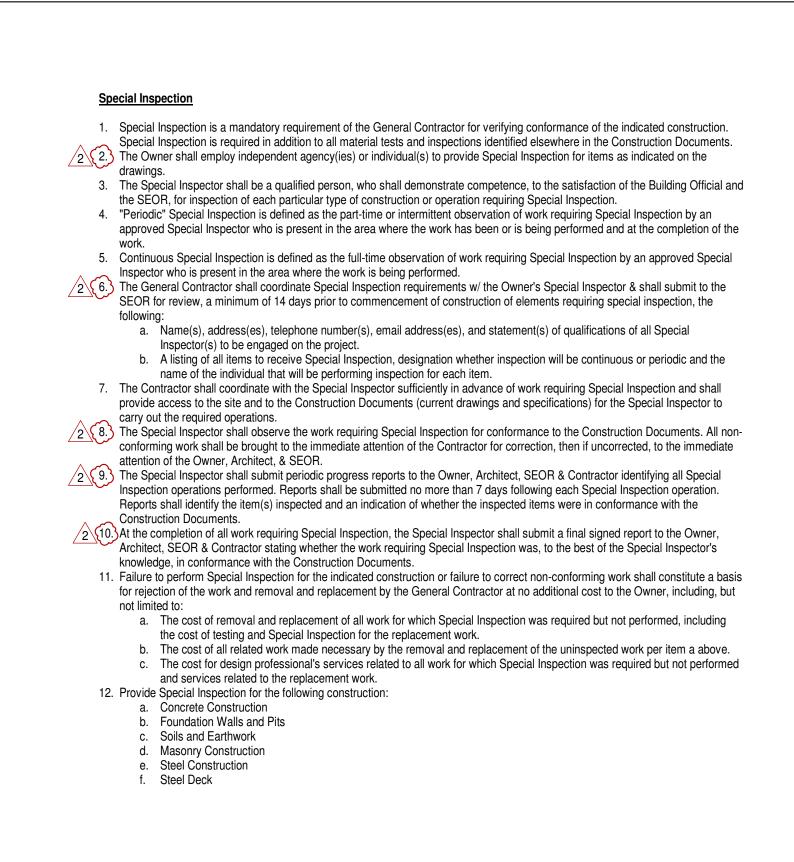
PROPOS	ED LEGEND
	PROPOSED INLET
0	PROPOSED CLEAN OUT
۵	PROPOSED HYDRANT
	PROPOSED LIGHT
•	PROPOSED MANHOLE
H	PROPOSED VALVE
, 💉	PROPOSED POLE
8	PROPOSED CATCH BASIN
►	PROPOSED END SECTION
(100.00)	PROPOSED ELEVATION
TW	TOP OF WALK
TS	BOTTOM OF CURB
TP	TOP OF PAVEMENT
TC	TOP OF CURB
BC	BOTTOM OF CURB
—— W ——	PROPOSED WATER
— E —	PROPOSED ELECTRIC
— G —	PROPOSED GAS LINE
— T ——	PROPOSED TELEPHONE
	PROPOSED CONTOUR

	EXIS	TING LEGEND
Δ	SET P.K. NAIL	 FOUND IRON MEASURED DISTANCE MEASURED DISTANCE FOUND IRON SET FLUSH, 5/8" CAPPED REBAR IN. REG. F-0044 IN. REG. F-0044
	PINE TREE BUSH TREE FOUNTAIN/IRR. BOLLARD/POLE LIGHT POLE UTILITY POLE GUY ANCHOR SIGN WELL VALVE	(R) RECORD DISTANCE MI. REG. #22436 (R) RECORD DISTANCE MI. REG. #22436 (R) GAS METER (R) SOIL BORING (W) WATER MANHOLE (W) WATER METER (P) END SECTION (II) CABLE PED. (E) ELEC. VAULT (P) PHONE PED. (E) ELEC. TRANSFORMER (E) ELEC. PED. (T) PHONE VAULT (P) PHONE VAULT (P) PHONE VAULT (P) PHONE PED. (P) PHONE PED. (P) PHONE PED. <
↑ □ ⊗ ® © ©	FIRE HYDRANT CURB INLET DRYWELL SANITARY MANHOLE STORM MANHOLE CLEAN-OUT FIBER OPTIC MANHOLE	OHE OHE OHE ELECTRIC UGE UGE ELECTRIC UT UT PHONE UG UG GAS CTV CABLE TV W W WATER FO FO FO FIBER OPTIC SANITARY LINE

ANY INFORMATION ON THIS DRAWING IS NOT INTENDED TO BE SUITABLE FOR REUSE BY ANY PERSON, FIRM OR CORPORATION OR ANY OTHERS ON EXTENSION OF THIS PROJECT OR FOR ANY USE ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION AND ADOPTION BY THE ENGINEER, ARCHITECT OR SURVEYOR FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ENGINEER, ARCHITECT OR SURVEYOR.



ALL UNDERGROUND UTILITIES MUST BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ANY CONSTRUCTION MAY BEGIN.



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		Decial Inspection Services Schedule - Concrete Construction Referenced Standards per IBC, Chapter 17		
Verification and Inspection Task	Test / Inspection	Description of Test / Inspection	Applicable to Project (Y/N)	Frequency
Material Testing	Test	Reference cast-in-place concrete specification for extent of testing required.	-	-
Quality Control	Inspection	Verify that quality control testing is provided in accordance with the project requirements.	Y	Periodic
		Inspection of reinforcing steel, including prestressing tendons (when used) and placement as follows: Verify that reinforcement surfaces are free of excess rust or other coating that may adversely affect bonding capacity. If oiling of forms is required, verify that it is applied before reinforcing is placed. Verify reinforcing bars for compliance with Contract Documents and approved shop drawings as follows:	Y	Periodic
Reinforcing Steel	Inspection	Material grade, size, quantity, spacing, and layering; bars are adequately tied and supported on chairs or bolsters; proper hook type and location; splice locations and required length of lap; proper clearance and cover requirements from concrete surfaces; sufficient spacing between reinforcement for concrete placing; verify that unscheduled/additional reinforcing bars shown on plan, in detail, or specified in notes are provided and are in compliance with Contract Documents and approved shop drawings.	Y	Periodic
		Mechanical splices: (Tension and/or compression) on the project. Verify compliance with specifications and conformance with the manufacturer's recommendations for installation. Verify that the manufacturer is present for the first installation of each type of splice on the project.	Ν	Continuous
		Verify that welded wire reinforcement is composed of flat sheets, has proper wire gauge and spacing, is properly supported, and is properly lapped.	Y	Periodic
		Inspect headed stud shear reinforcement to ensure that it conforms to the project requirements:		
		Review type and spacing; verify that reinforcing is adequately supported to resist displacement of shifting during concrete placement; verify welding of reinforcement is performed according to AWS requirements and that it is inspected by the testing laboratory.	Y	Periodic
Cast-In-Place Bolts & Anchor Rods	Inspection	Inspect bolts and anchor rods to be cast in concrete prior to placement of concrete for size, quantity, location, position and embedment. Inspect during placement for proper concrete consolidation around bolts and anchors.		
		20% of bolts and/or anchor rods.	Y	Periodic
Concrete Mix Design	Inspection	Review and become familiar with the mix designs specified on the project. Verify mix design provided by the Contractor is consistent with project specifications at location indicated. Review concrete batch tickets to proper mix ID, type of concrete and strength for the placement location. Verify that water added at site (if permitted), does not exceed that allowed by the mix design.	Y	Periodic
Inspection of Formed Area	Inspection	Verify that all debris and foreign matter have been removed before concrete is placed.	Y	Periodic
Formwork	Inspection	Inspect formwork for shape, location and dimensions of the concrete member being formed. Verify formwork used in compliance with the specifications and approval shop drawings (when required).	Y	Periodic
Material Sampling and Testing	Test	At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Y	Continuous
Concrete Placement	Inspection	Inspect concrete placement for the proper application techniques as follows: Verify the concrete is not over 90 minutes old at time of placement; hot-weather or cold-weather techniques are being applied as required; concrete being deposited in uniform, that the vertical drop does not exceed six feet, and that concrete is not permitted to drop freely over reinforcement causing segregation, concrete is	Y	Continuous
Curing and Protection	Inspection	properly vibrated; embedded items and reinforcing steel are not adversely altered during placement. Note that if anything was displaced or otherwise altered during placement; verify that there are no cold joints within the area of the pour. Verify the curing process is as specified in the Contract Documents and that any curing compound used is applied in accordance with manufacturer's printed	Y	Periodic
		application instructions.	•	
Construction Joints	Inspection	the construction joint location plan submitted by the Contractor to Engineer of Record. Verify that reinforcement, dowels, keys, and bulkheads at construction joints are in conformance with the Contract Documents.	Y	Periodic

	Spe	cial Inspection Services Schedule - Foundation Walls and Pits		
		Referenced Standards per IBC, Chapter 17		
Verification and Inspection Task	Test / Inspection	Description of Test / Inspection	Applicable to Project (Y/N)	Frequency
Concrete Placement	Inspection	The inspector must be present full-time during the entire placement of the first 2 shallow foundation concrete pours and then must be present at the start of 50% of the other concrete pours.	Υ	Periodic
Formwork	Inspection	Verify that forms are plumb and straight, braced against movement, and lubricated for removal.	Y	Periodic
Dimensions	Inspection	Verify wall/pit dimensions.	Y	Periodic
Embedded Items	Inspection	Verify anchor rods and/or dowels are installed with the embedment and projected lengths and in accordance with the Contract Documents.	Υ	Periodic
Reinforcement	Inspection	Verify pit/wall reinforcement prior to placement of concrete.	Y	Periodic
Waterstops	Inspection	Verify water stops are properly installed and anchored into position prior to placement of concrete.	Y	Periodic
Backfill Operations	Inspection	Verify that foundation and pit walls with uneven backfill conditions are not backfilled until floor construction at top of wall is complete or temporary bracing is provided in accordance with the Contract Documents.	Y	Periodic
Concrete	Inspection	Verify concrete placement as outlined in this inspection plan.	Y	Periodic

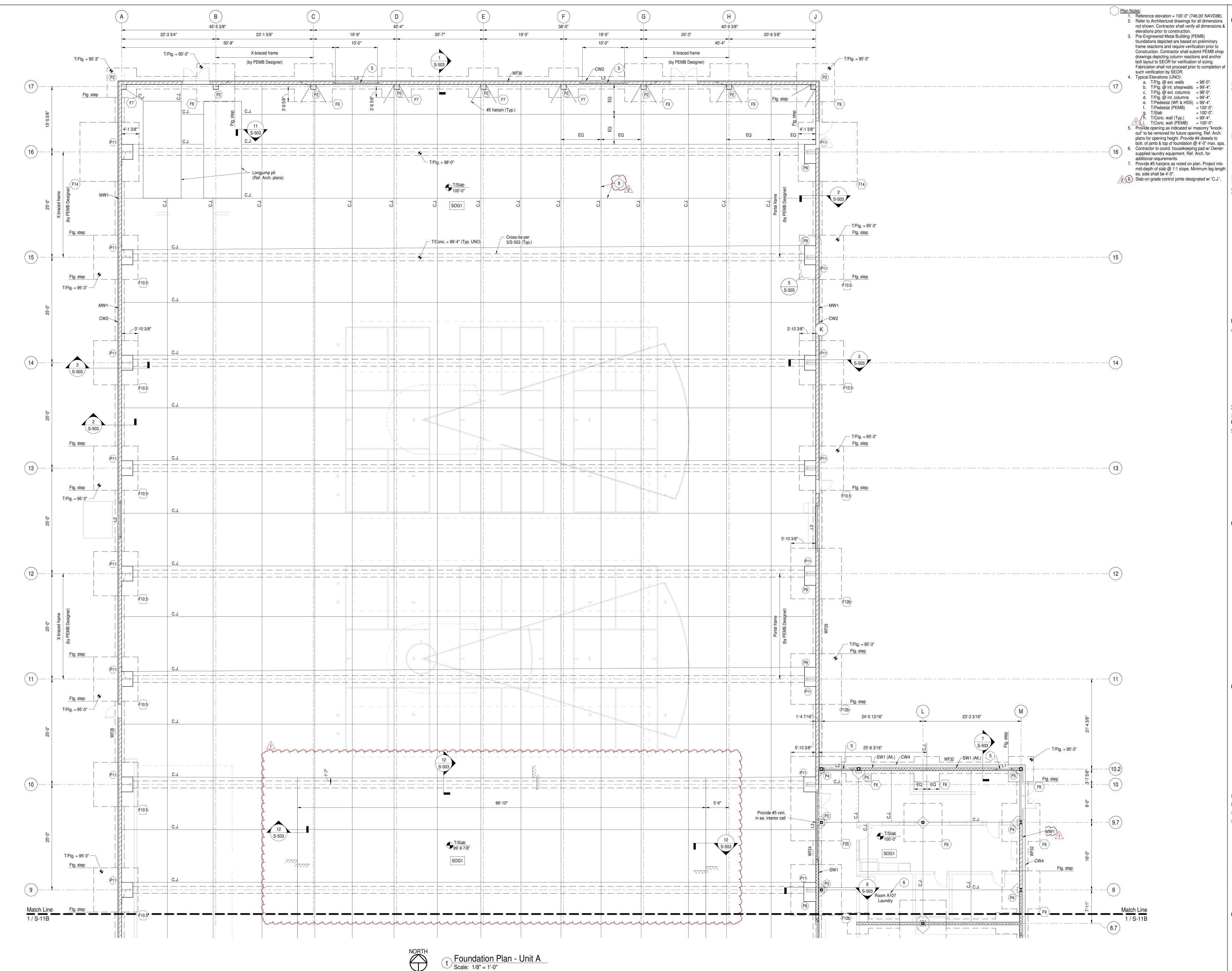
		Referenced Standards per IBC, Chapter 17		
Verification and Inspection Task	Test / Inspection	Description of Test / Inspection	Applicable to Project (Y/N)	Frequency
Footing Subgrade	Test	Reference earthwork specification for extent of testing required.	Y	Periodic
Compaction of Soils	Test	Reference earthwork specification for extent of testing required.	Y	Periodic
Controlled Strucural Fill	Test	Reference earthwork specification for extent of testing required.	Y	Periodic
Foooting Subgrade Material	Inspection	Inspect soils below foundations and slabs for adequate compaction and bearing capacity prior to placement of concrete.	Y	Periodic
Excavation	Inspection	Verify excavations are extended to the proper depth and have reached proper material.	Y	Periodic
Classification of Controlled Fill	Inspection	 Inspect placement, lift thickness and compaction of controlled fill. Verify extent and slope of fill placement. 	Y	Periodic
Use of Proper Materials	Inspection	Verify use of proper materials, densities and lift thickness during placement and compaction of controlled fill.	Y	Continuous
Observation of Subgrade	Inspection	Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	Y	Periodic

	0	pecial Inspection Services Schedule - Masonry Construction		
	— — — — —	Referenced Standards per IBC, Chapter 17	A 11 1 1 1	
Verification and Inspection Task	Test / Inspection	Description of Test / Inspection	Applicable to Project (Y/N)	Frequenc
Material Testing	Test	Reference masonry specification for extent of testing required.	-	-
Quality Control	Inspection	Verify that quality control testing is provided in accordance with the project requirements.	Y	Periodic
Materials	Inspection	Verify the materials are stored properly before placement in the structure.	Y	Periodic
Wall Locations	Inspection	Verify the wall locations and thickness.	Y	Periodic
Control Joints	Inspection	Verify the proper installation of control joints, type and location.	Y	Periodic
Openings	Inspection	Verify the proper installation of structural elements around openings including lintels, sills, and door or window jambs including masonry unit type and reinforcement.	Y	Periodic
Connections	Inspection	Verify the masonry is properly connected to the supporting structure(s).	Y	Periodic
		Inspection of reinforcing steel and placement as follows:		
		Verify that reinforcement surfaces are free of excess rust or other coatings that may adversely affect bonding capacity.	Y	Periodic
		Verify reinforcing bars and horizontal joint reinforcement for compliance with Contract Documents and approved shop drawings as follows:		
Reinforcing Steel	Inspection	Material grade, size, quantity, spacing, and layering; bars are adequately tied and supported on chairs and centered as required; proper hook type and location; splice locations and required length of lap; proper clearance and cover requirements from masonry surfaces; sufficient spacing between reinforcement for grout placement; verify that unscheduled/additional reinforcing bars shown on plan, in details, or specified in notes are provided and are in compliance with Contract Documents and approved shop drawings.	Y	Periodic
Embedded Items	Inspection	Inspect embedded items to be cast in masonry prior to placement of grout for size, quantity, location, position and embedment. Inspect during placement for proper grout consolidation embedded items.	Y	Periodic
		Inspect the mortar and grout used on the project as follows:		
		Verify that mortar and grout materials comply with the Contract Documents and approved submittals.	Y	Periodic
		Site-mixed mortar: Verify the mortar is mixed in accordance with specified proportions.	Y	Periodic
		Bag-mixed mortar: Verify the mortar is mixed in accordance to the manufacturer's instructions.	Y	Periodic
	out Inspection	Verify proper mortar placement.	Y	Periodic
Mortar and Grout		Grout bag mix: Verify that the grout is mixed according to the manufacturer's instructions.	Y	Periodic
		Ready-mix grout: Verify the mix number and grout strength.	Y	Periodic
		Prior to any grouting procedure, inspect the grout space to verify that it is clean and that cleanouts, if required, are in place and conform to requirements of the Contract Documents.	Y	Periodic
		Verify the proper grout placement and consolidation.	Y	Continuo
		Verify that grout testing is performed in accordance with the Contract Documents.	Y	Periodic
Protection	Inspection	Verify the proper construction techniques are followed for protection of masonry during hot-weather and/or cold-water construction.	Y	Periodic

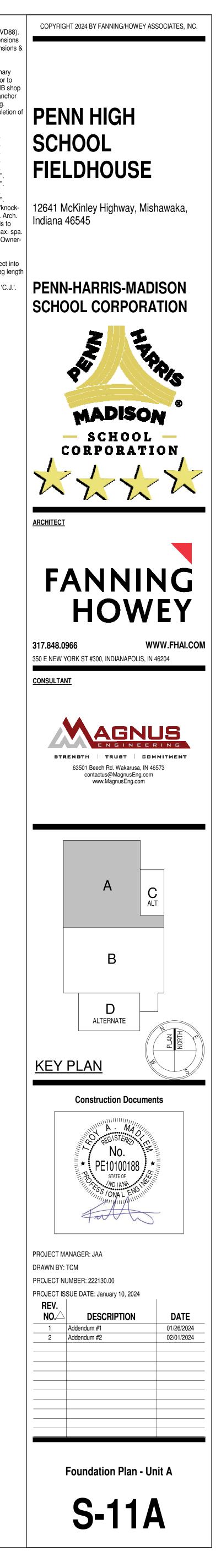
		Special Inspection Services Schedule - Steel Construction Referenced Standards per IBC, Chapter 17		
Verification and Inspection Task	Test / Inspection	Description of Test / Inspection	Applicable to Project (Y/N)	Frequency
Fabricator Quality Control Process	Inspection	Verify the Fabricator meets AISC certified fabricator requirement listed in the project specifications.	Y	One-Time
Quality	Inspection	Visually inspect steel as it is reviewed for possible damage in shipping, workmanship, and piece marking.	Y	Periodic
Mill Test Reports	Inspection	Review certified mill test reports and identification markings on wide-flange shapes, high-strength bolts, nuts and welding electrodes. Inspect field welded connections as follows:	Y	Periodic
		Inspect 100% of complete joint penetration field welds. Ultrasonic testing of all complete penetration welds.	Y	Continuous
		Inspect 100% of partial joint penetration field welds.	Y	Continuous
		Inspect 100% of multi-pass fillet field welds.	Y	Continuous
		Inspect 100% of fillet field welds in lateral-load-resisting braced frames and moment frames.	Y	Continuous
		Inspect 10% of other fillet field welds.	Y	Periodic
Welded Connections	Inspection	Perform pre-welding inspections to verify that materials (i.e. strucural steel, weld filler material, etc.), welding procedures, and welding personnel qualifications are appropriate.	Y	Periodic
		Visually inspect field welds according to AWS D1.1/D1.1M.	Y	Periodic
		Verify welding procedures are in accordance with AWS requirements.	Y	Periodic
		Inspect pre-heat, post-heat and surface preparation between passes.	Y	Periodic
		Verify size and length of fillet welds.	Y	Periodic
		Verify that welds are clean; welder identification is legible; size, length and location of welds; verify that welds meet acceptance criteria; placement of reinforcement fillets; removal of backing bars and weld tabs as required; and repair activities.	Y	Periodic
		Inspect bolted connections as follows:		
	Inspection	Inspect 100% of all pre-tensioned and slip-critical bolted connections.	N	Continuous
		Inspect 100% of bolted connections in lateral-load-resisting braced frames and moment frames.	Y	Periodic
		Inspect 20% of all other bolted connections.	Y	
		For slip-critical bolted connections, verify installation is performed in accordance with one of the following methods:	Ν	
Bolted Connections		Turn-of-nut: According to RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts."	Ν	Continuous
		Calibrated wrench: According to RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts."	Ν	Continuous
		Twist-off tension control bolt: ASTM F 1852. Direct-tension control bolt: ASTM F 1852.	N	
		For all bolted connections, verify quantity, size and grade of bolts, required surface preparation and proper fit-up of connected elements.	Y	Periodic
Members Sizes and Grade	Inspection	Verify that steel member sizes and steel grade conform to the Contract Documents and approved shop drawings.	Y	Periodic
		Inspect steel frame for compliance with Structural drawings, including bracing,		
		member configuration and connection details as follows: Check the installation of base plates for proper leveling and verify proper grout type and installation procedures are followed.	Y	Periodic
Steel Framing, Details and	Inspection	Inspect 100% of beam and girder construction and assemblies.	Y	Periodic
Connectors		Inspect 100% of all braced frame and moment frame assemblies.	Y	Continuous
		Inspect 100% of the column splices and base joints for verification that gaps in contact bearing do not exceed 1/16 inch. Gaps greater than 1/16 inch shall be reported to the Engineer of Record for assessment.	N	Continuou
		Inspect composite steel beam shear connectors as follows:		
Composite Beam Shear	- .	Observe the welding of shear connectors. Inspect studs for full 360 degree flash.	Y	Continuous
Connectors	Test	Inspect size, number, positioning and welding of shear connectors.	Y	Continuous
		Ring test 100% of shear connectors with a 3 lb hammer.	Y	Periodic
		Bend test all questionable studs to 15 degrees.	Y	Continuous
		Inspect steel grating as follows:		
		Visually inspect the grating for damage during shipping.	N	Periodic
Grating	Inspection	Verify that the grating depth, type of properties, and finish comply with the Contract Documents and/or approved shop drawings.	Ν	Periodic
5		Verify all grating attachment to the supporting concrete, steel, and/or masonry as specified in the Contract Documents and/or approved shop drawings.	N	Periodic

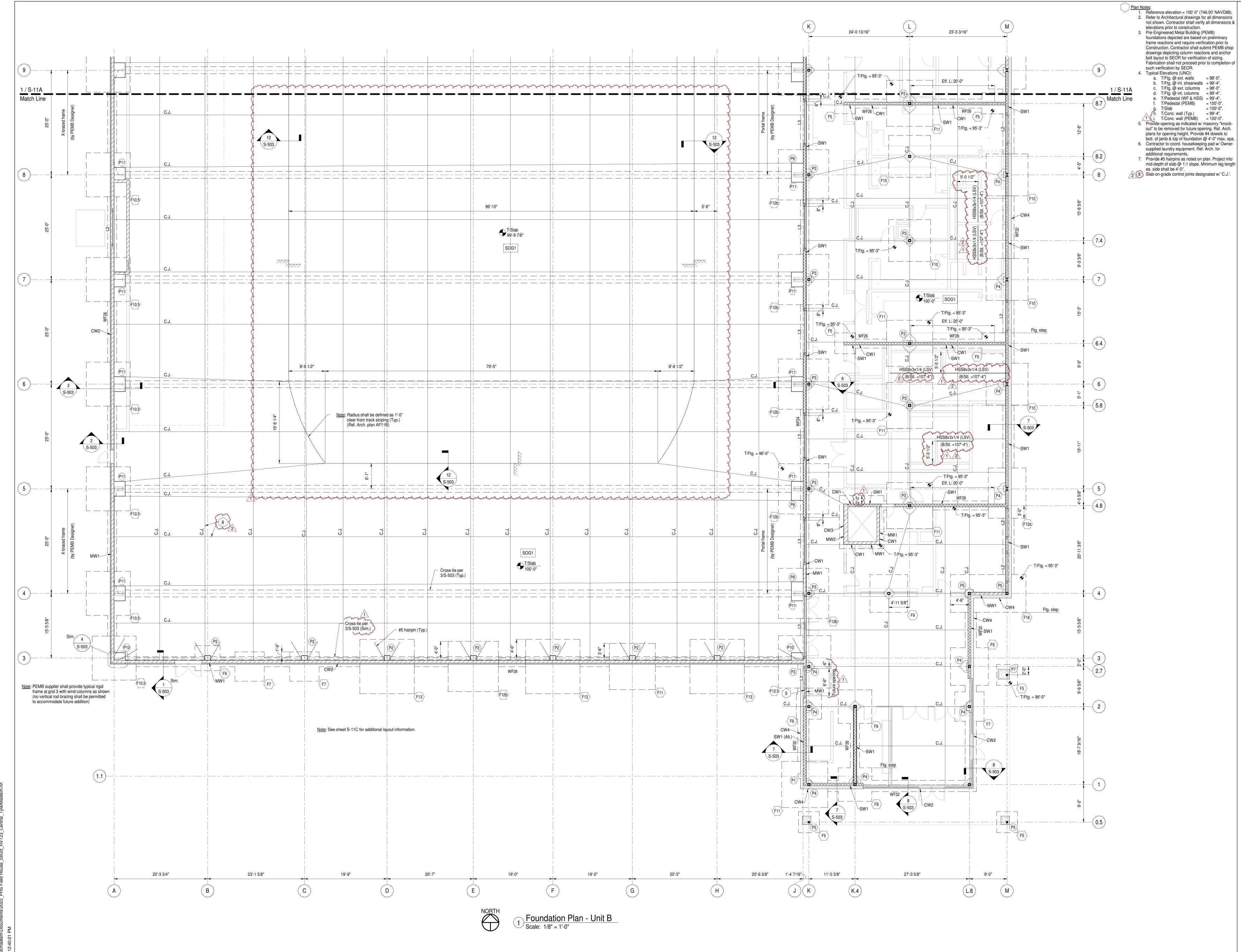
		Special Inspection Services Schedule - Steel Deck		
		Referenced Standards per IBC, Chapter 17		
Verification and Inspection Task	Test / Inspection	Description of Test / Inspection	Applicable to Project (Y/N)	Frequency
Quality	Inspection	Visually inspect the deck prior to installation for damage.	Y	Periodic
Deck Material	Inspection	Verify that the deck depth, gauge, type, properties, and finish comply with the Contract Documents.	Y	Periodic
Deck Attachment	Inspection	Verify that the deck attachment to the supporting steel is as specified in the Contract Documents.	Y	Periodic
Deck Support	Inspection	Verify that the proper deck support is used around openings.	Y	Periodic
Deck Accessories	Inspection	Verify that deck accessories are being installed according to the Contract Documents and approved shop drawings.	Y	Periodic

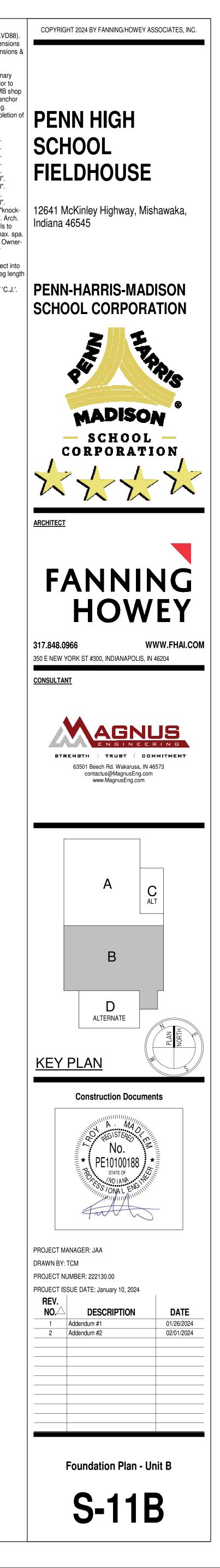


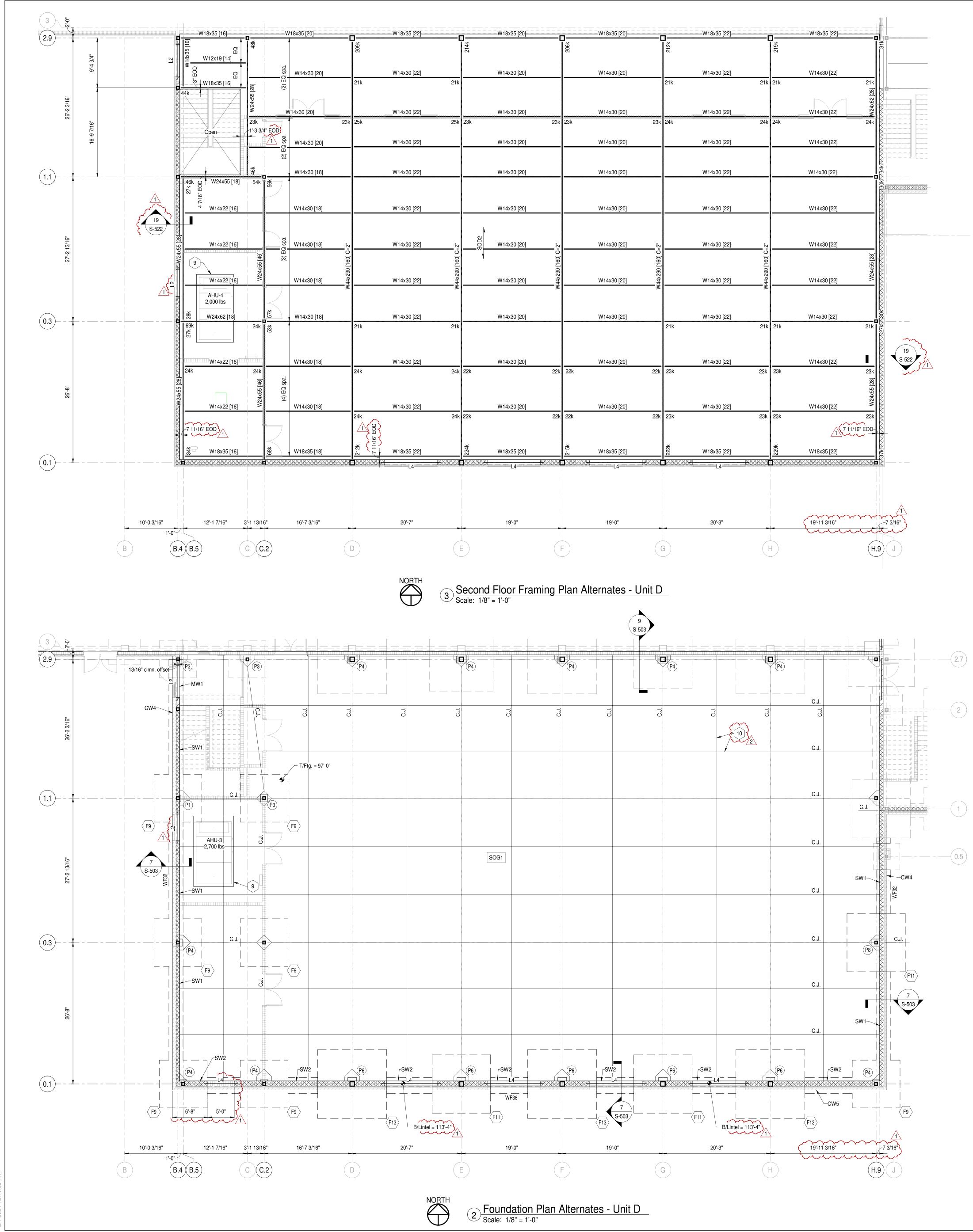


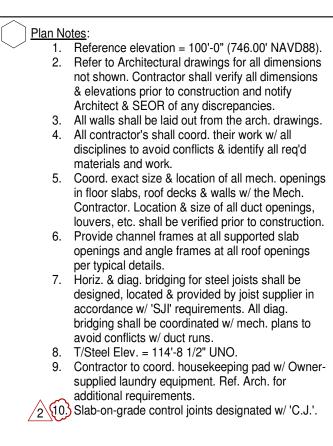
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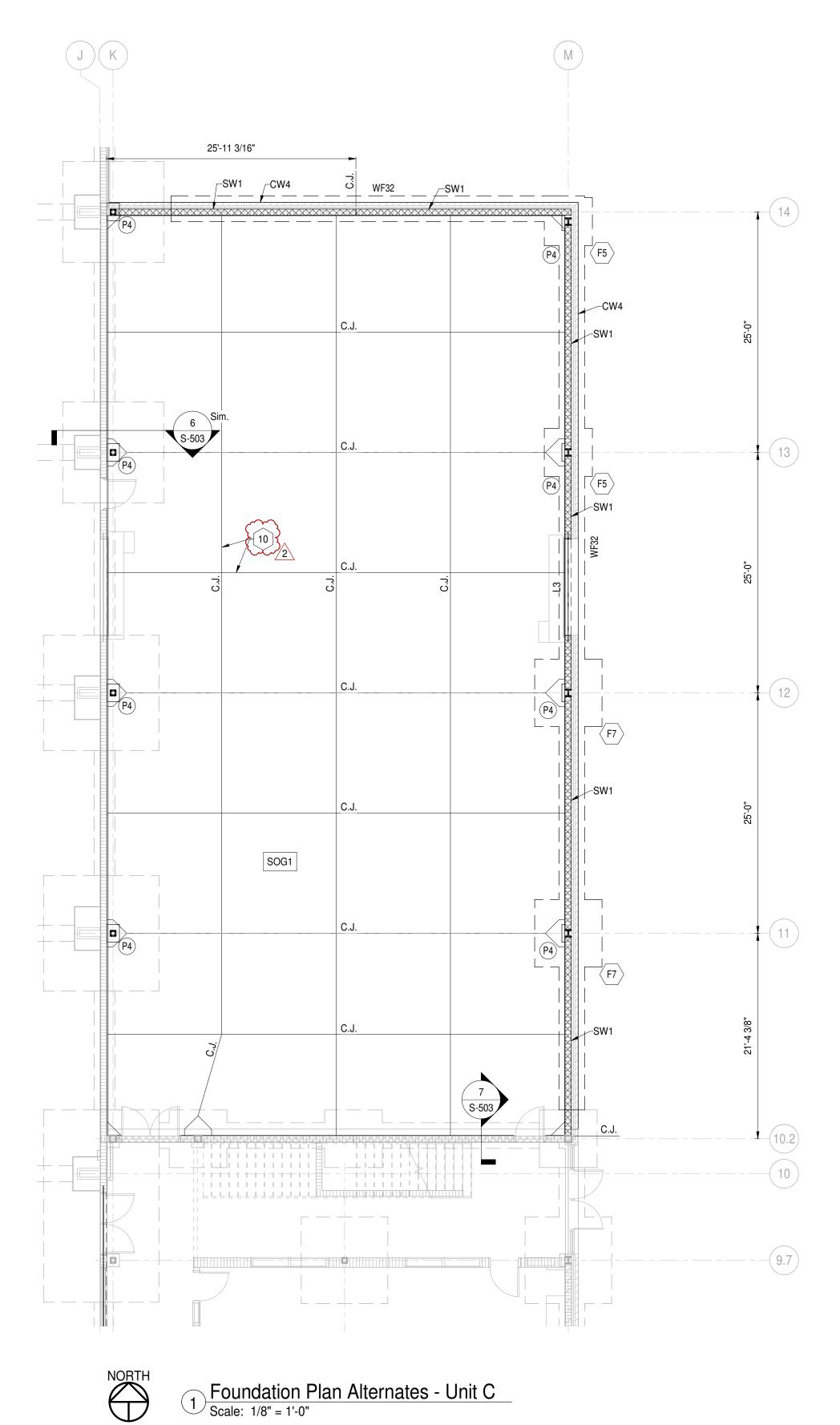


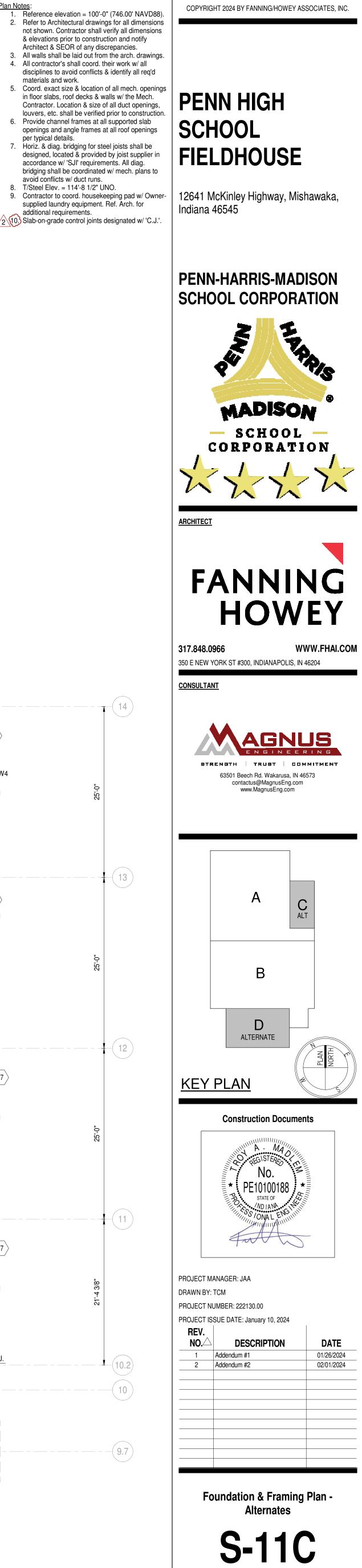




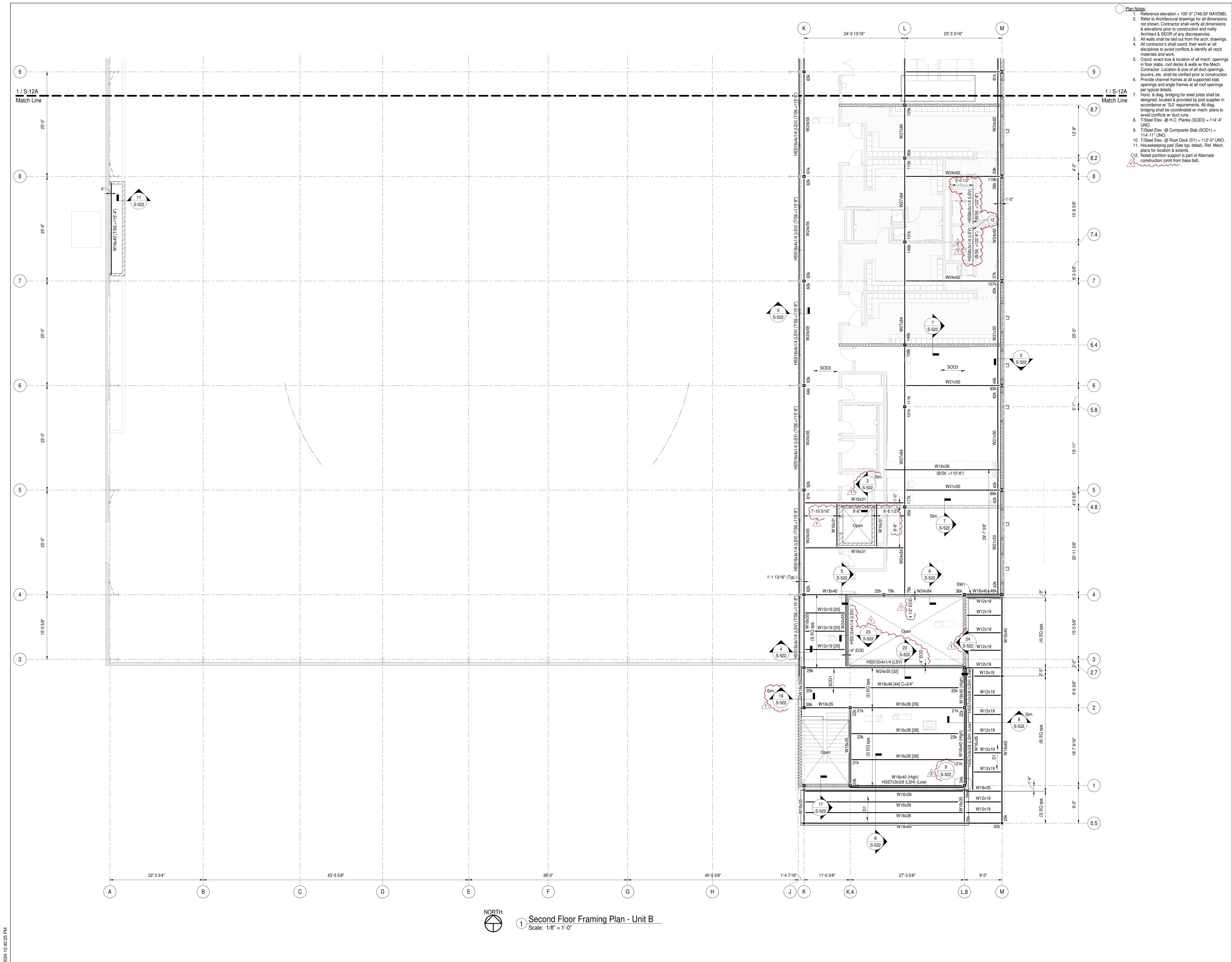


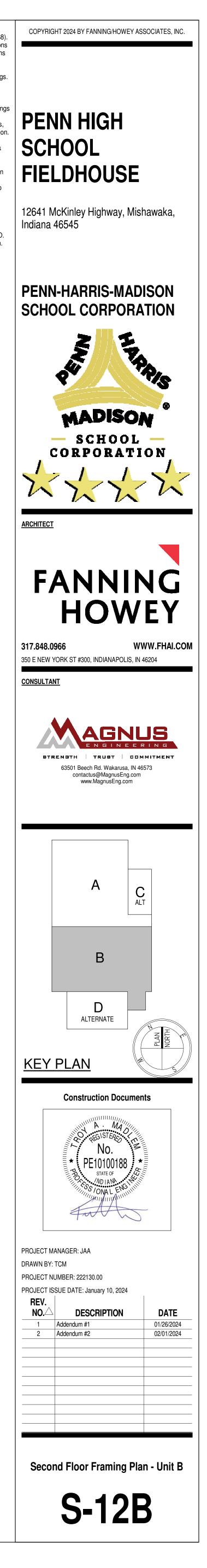


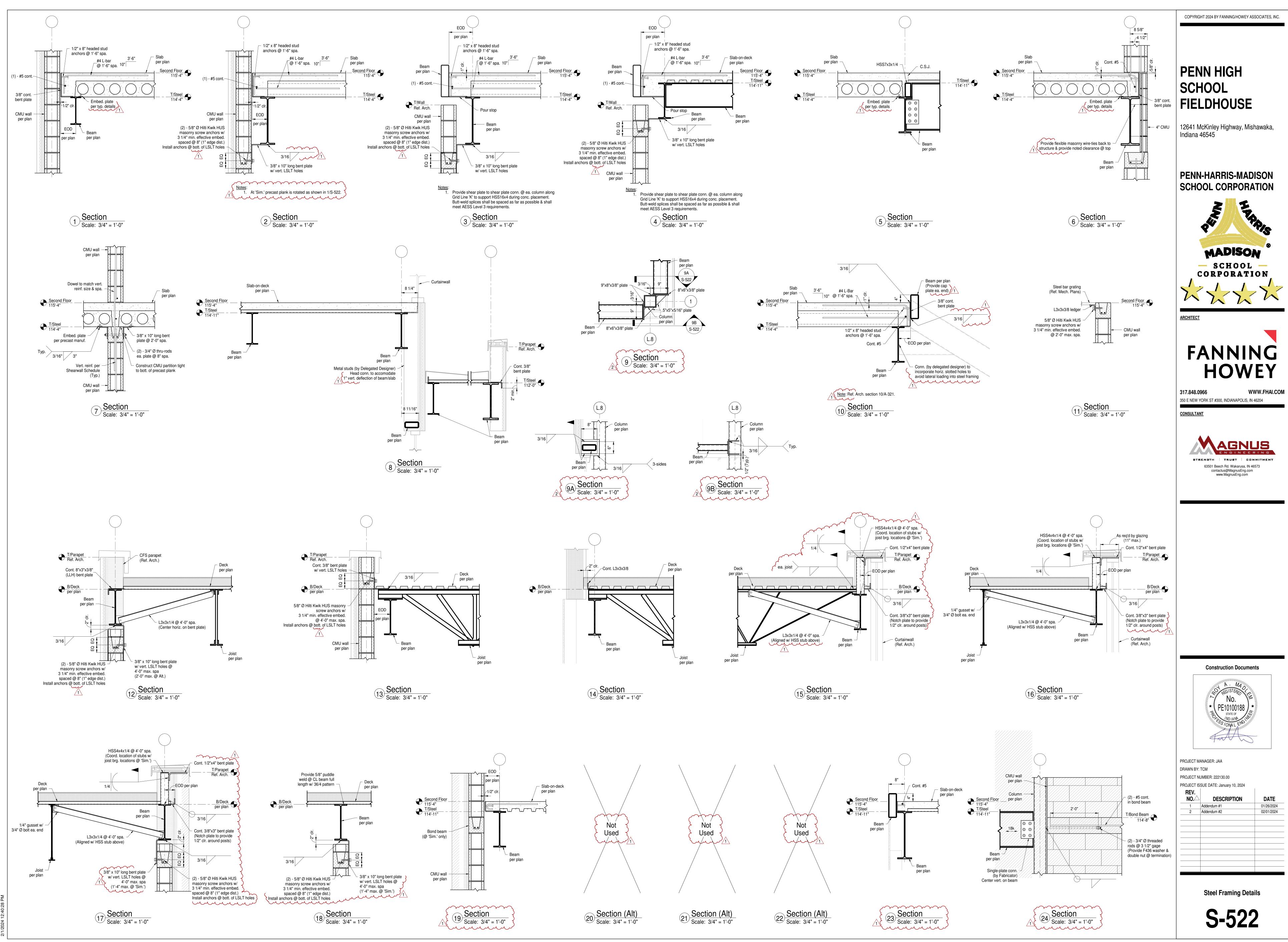


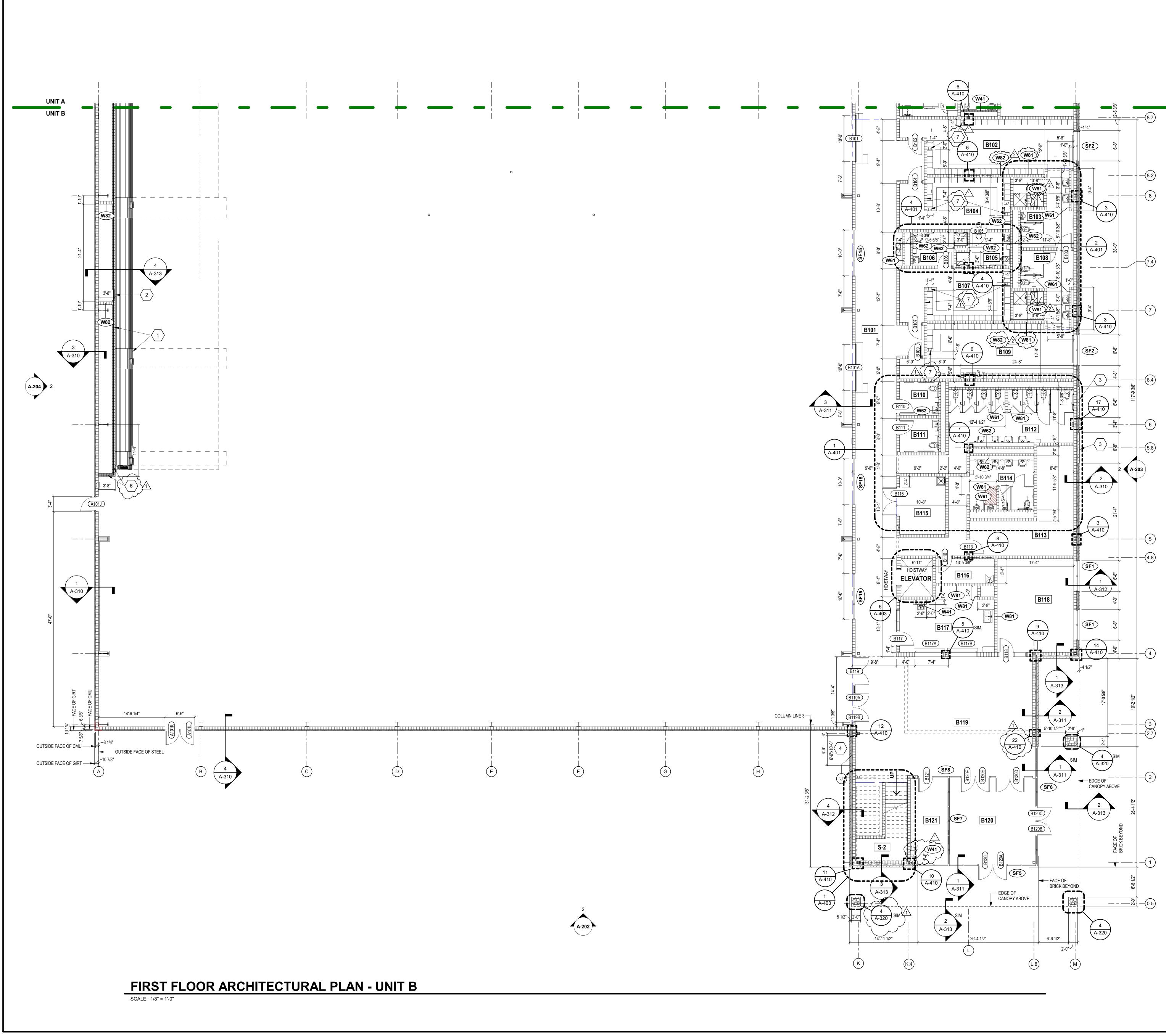










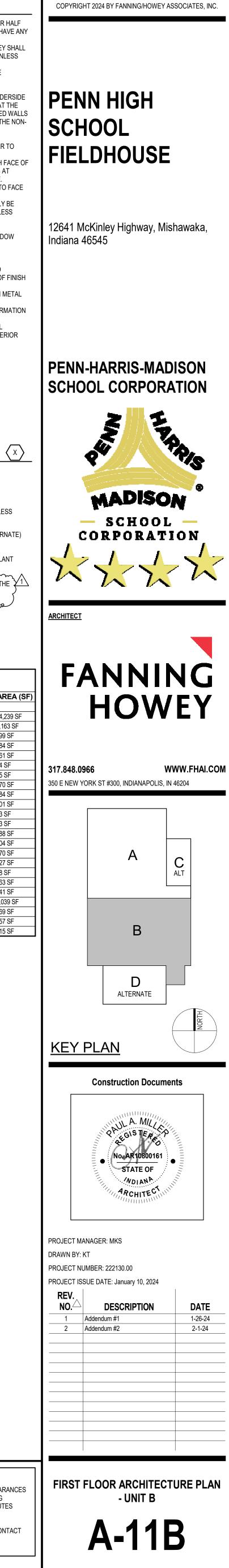


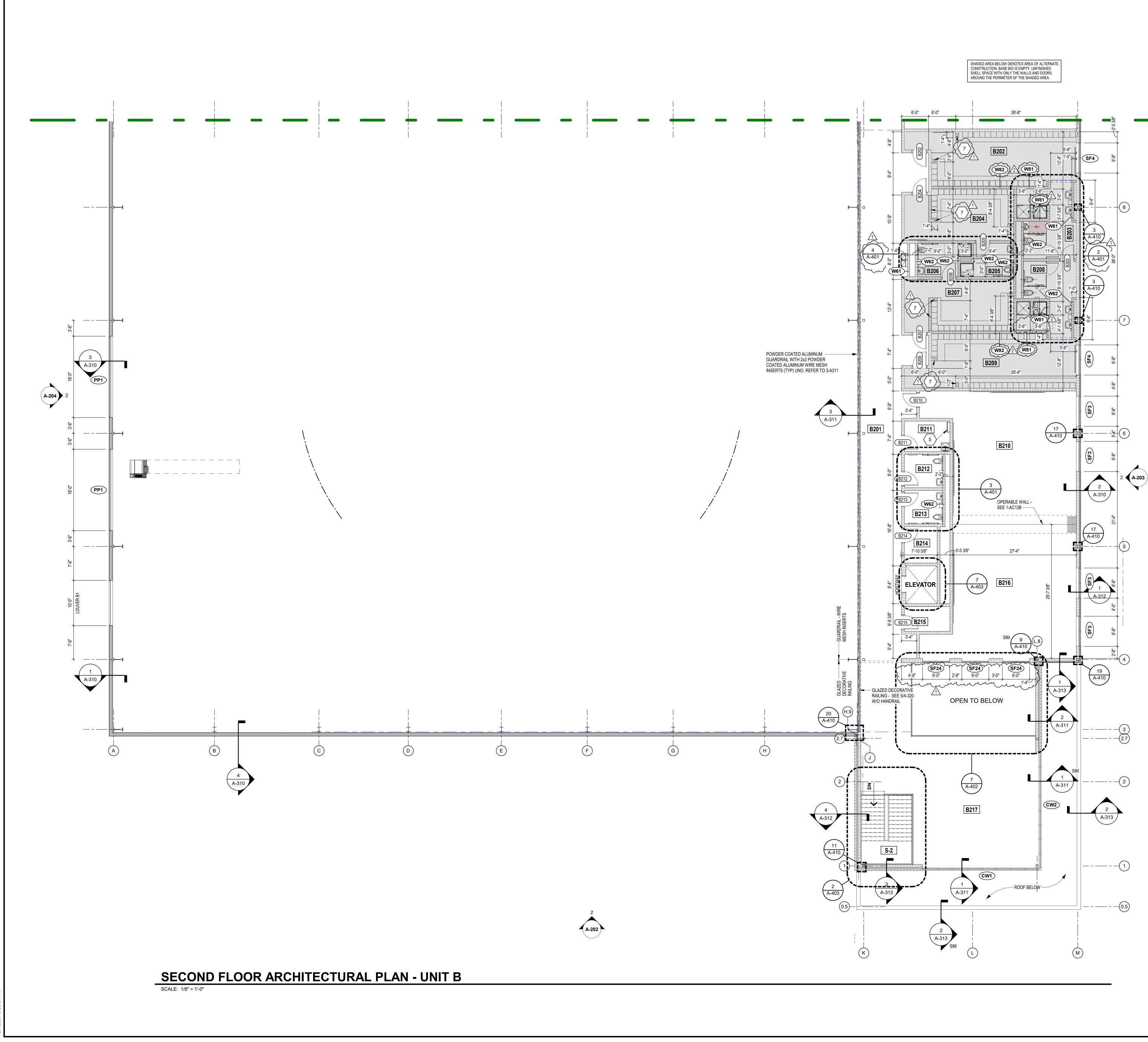
ARCHITE	CTURAL PLAN GENERAL	NOTES
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	ERE DISSIMILAR FLOOR MATERIAL	
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NOT	ED OTHERWISE.	,
	BASE FLOOR ELEVATION INDICAT	
	DJECT IS 100'-0". REFER TO SITE PI	LAN FOR
	RELATION TO USGS DATUM. INTERIOR MASONRY WALLS THAT	
	DECK ABOVE SHALL HAVE A 2" JO	
	K TO BE FILLED WITH FIRE STOPF	
	R PROJECT MANUAL., AND MINERA	
	ED WALLS, TO ALLOW FOR DEFLE	
	R TYPICAL COMMON JOINT DETAIL	
	NSTRUCTION MOVEMENT JOINT DI TAILS ON SHEET A-502.	ETAILS REFER TO
	DIMENSIONS ON FLOOR PLANS A	RE TO FINISH FACE OF
	J, CONCRETE, BRICK OR FINISH F	
	AL STUD WALLS, UNLESS NOTED	
EXC	EPTION: EXTERIOR METAL STUD	WALLS ARE TO FACE
	METAL STUDS.	
-	GE SIDE DOOR JAMB AT WALLS W	-
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	ED OTHERWISE. EXPOSED CONCRETE MASONRY	
	RNERS ARE TO BE BULLNOSE, EXC	
	IBS, BULKHEADS, WINDOW AND D	
I. SEE	REFLECTED CEILING PLANS FOR	BULKHEAD
	ATIONS AND DETAIL REFERENCE	
	ER TO ROOM FINISH SCHEDULE (
	JIPMENT PLANS FOR LOCATION A	ND EXTENT OF FINISH
	OR MATERIALS.)VIDE WOOD BLOCKING AS REQUI	
	D WALLS FOR WALL MOUNTED IT	
	ER TO MASTER/CODE PLANS FOR	
	FIRE RATED WALL LOCATIONS.	
	VIDE SPRAY FOAM INSULATION A	
	RIER CONTINUOUS AT INTERSEC	TION OF EXTERIOR
WAI	LS AND DECK.	
ARCHITE	CTURAL PLAN NOTES	$\langle X \rangle$
(ALL NOTES	MAY NOT BE INDICATED ON THIS	SHEET)
(,		,
—— W###	INDICATES WALL TYPE. RE DRAWING A301 FOR WALL	
	HEIGHT AND COMPOSITION	
	ITERIOR WALLS ARE TO BE TYPE DTHERWISE.	82 (W82) UNLESS
NDICATED	THERWISE.	
	J WALL AND TELESCOPING BLEAC	
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	ESS BRICK 1" - SEE ELVATIONS	
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	OF HATCH AND LADDER - SEE 1-AF	R101 ~~ ^
	VIDE ALUMINUM GUARDRAIL AT T	
MAS	SONRY CHASE - SEE 4/A-313. ALTE	
7. 6'-8'	HIGH WALL	
~~~		
	ROOM LEGEN	
ROOM NO	. ROOM NAME	AREA (SF
		i
A101	FIELDHOUSE	54,239 SF
B101	CORRIDOR	1,163 SF
B102	LOCKER ROOM #1	399 SF
B103	SHOWER	184 SF

ROOM NO.	ROOM NAME	AREA	
A101	FIELDHOUSE	54,239 \$	
B101	CORRIDOR	1,163 SF	
B102	LOCKER ROOM #1	399 SF	
B103	SHOWER	184 SF	
B104	DRESSING ROOM #1	261 SF	
B105	TOILET	74 SF	
B106	TOILET	75 SF	
B107	DRESSING ROOM #2	270 SF	
B108	SHOWER	184 SF	
B109	LOCKER ROOM #2	401 SF	
B110	TOILET	63 SF	
B111	TOILET	63 SF	
B112	GIRLS RESTROOM	388 SF	
B113	FIRE RISER	304 SF	
B114	BOYS RESTROOM	270 SF	
B115	STORAGE	127 SF	
B116	CUSTODIAN	68 SF	
B117	CONCESSION	263 SF	
B118	OFFICE	341 SF	
B119	LOBBY	1,039 SF	
B120	VESTIBULE	369 SF	
B121	SRO OFFICE	157 SF	
S-2	STAIR	115 SF	

VERIFICATION NOTE CONTRACTOR 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 WITH WORK.

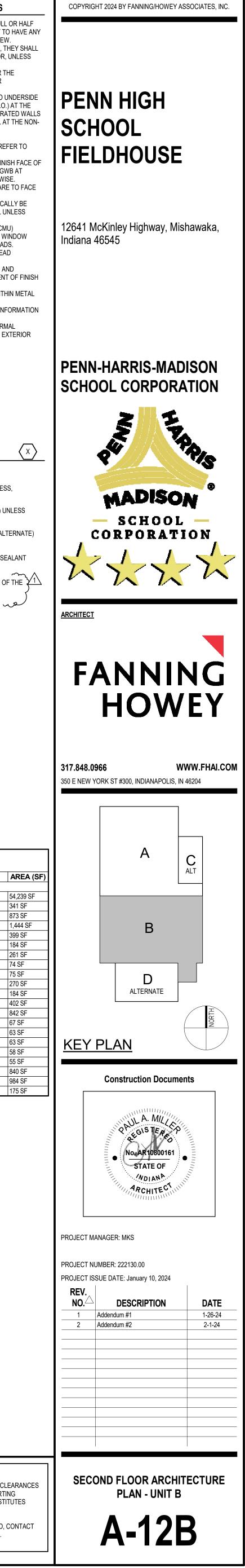


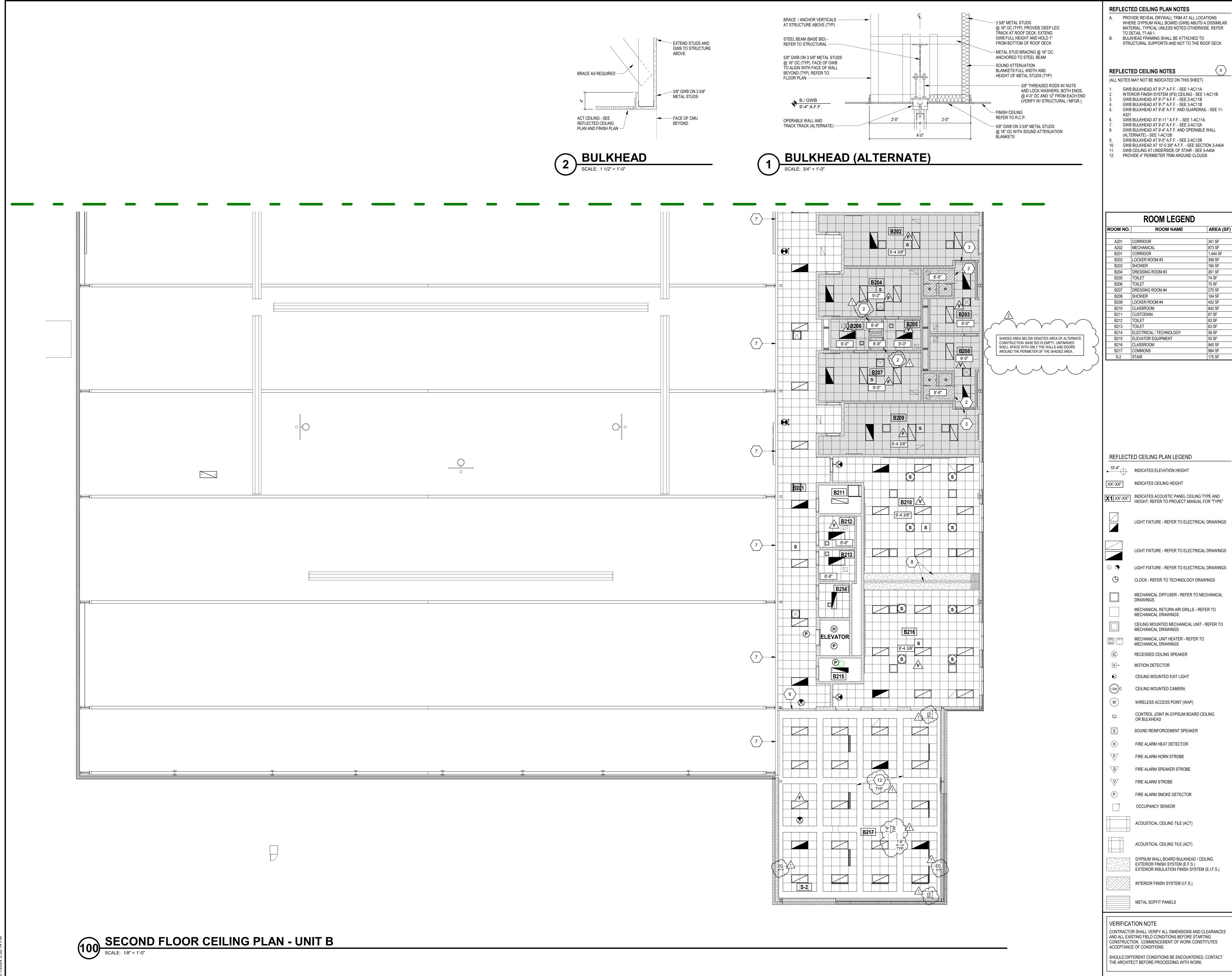


ARCHITE	CTURAL PLAN GENERAL NOTE	S
	CMU WALLS THAT DO NOT LAY OUT IN F STHS SHOULD BE BALANCED SO AS NO	
B. WHE DO S	ES LESS THAN 4" IN SIZE EXPOSED TO N RE DISSIMILAR FLOOR MATERIALS MEE O UNDER THE CENTERLINE OF THE DO	/IEW. T, THEY SH
C. THE I PRO	ED OTHERWISE. BASE FLOOR ELEVATION INDICATED FO JECT IS 100'-0". REFER TO SITE PLAN FO	
D. ALL I OF D DECH	RELATION TO USGS DATUM. NTERIOR MASONRY WALLS THAT RUN T ECK ABOVE SHALL HAVE A 2" JOINT (U.N < TO BE FILLED WITH FIRE STOPPING AT PROJECT MANUAL., AND MINERAL WOC	N.O.) AT THE RATED WA
E. FOR CON	ENDIECT MANUAL, AND MINERAL WOO ED WALLS, TO ALLOW FOR DEFLECTION TYPICAL COMMON JOINT DETAILS AND STRUCTION MOVEMENT JOINT DETAILS AILS ON SHEET A-502.	
F. ALL C CMU, META	DIMENSIONS ON FLOOR PLANS ARE TO , CONCRETE, BRICK OR FINISH FACE OF AL STUD WALLS, UNLESS NOTED OTHEF EPTION: EXTERIOR METAL STUD WALLS	GWB AT RWISE.
OF M G. HING	ETAL STUDS. E SIDE DOOR JAMB AT WALLS WILL TYF ATED 4" MINIMUM FROM ADJACENT WAL	PICALLY BE
H. ALL E CORI	ED OTHERWISE. EXPOSED CONCRETE MASONRY UNITS ( NERS ARE TO BE BULLNOSE, EXCEPT A	T WINDOW
I. SEE I LOCA	3S, BULKHEADS, WINDOW AND DOOR HI REFLECTED CEILING PLANS FOR BULKH ATIONS AND DETAIL REFERENCES.	IEAD
EQUI FLOC	ER TO ROOM FINISH SCHEDULE OR PLAI PMENT PLANS FOR LOCATION AND EXT DR MATERIALS.	ENT OF FIN
Stue L. Refe	/IDE WOOD BLOCKING AS REQUIRED. W ) WALLS FOR WALL MOUNTED ITEMS. ER TO MASTER/CODE PLANS FOR CODE	
M. PRO BARF	FIRE RATED WALL LOCATIONS. /IDE SPRAY FOAM INSULATION AND THE RIER CONTINUOUS AT INTERSECTION O _S AND DECK.	
ARCHITE	CTURAL PLAN NOTES	X
(ALL NOTES	MAY NOT BE INDICATED ON THIS SHEET INDICATES WALL TYPE. REFER TO	
W###	DRAWING A301 FOR WALL THICK HEIGHT AND COMPOSITION.	·
INDICATED O		
2. 2'-0" x 3. RECE	WALL AND TELESCOPING BLEACHERS ( x 4'-0" ACCESS PANEL (ALTERNATE) ESS BRICK 1" - SEE ELVATIONS	
JOIN	CK-OUT PANEL. PROVIDE BACKER ROD TS AT JAMBS SIMILAR TO 2-A502	/ SEALANT
6. PROM MASO	F HATCH AND LADDER - SEE 1-AR101 /IDE ALUMINUM GUARDRAIL AT THE TO ONRY CHASE - SEE 4/A-313. ALTERNATE	
7. 6'-8" ا	HIGH WALL	لعب
	<b>ROOM LEGEND</b>	
ROOM NO.	ROOM NAME	AREA
A101 A201	FIELDHOUSE CORRIDOR	54,239 341 SF
A202 B201	MECHANICAL	873 SF
B202	LOCKER ROOM #3	399 SF
B203 B204	SHOWER DRESSING ROOM #3	184 SF 261 SF
B205	TOILET	74 SF
B206 B207	TOILET DRESSING ROOM #4	75 SF 270 SF
B208	SHOWER	184 SF
B209 B210	LOCKER ROOM #4 CLASSROOM	402 SF 842 SF
B211	CUSTODIAN	67 SF
B212 B213	TOILET	63 SF 63 SF
B214	ELECTRICAL / TECHNOLOGY	58 SF
B215 B216	ELEVATOR EQUIPMENT CLASSROOM	55 SF 840 SF
B217	COMMONS	984 SF
S-2	STAIR	175 SF

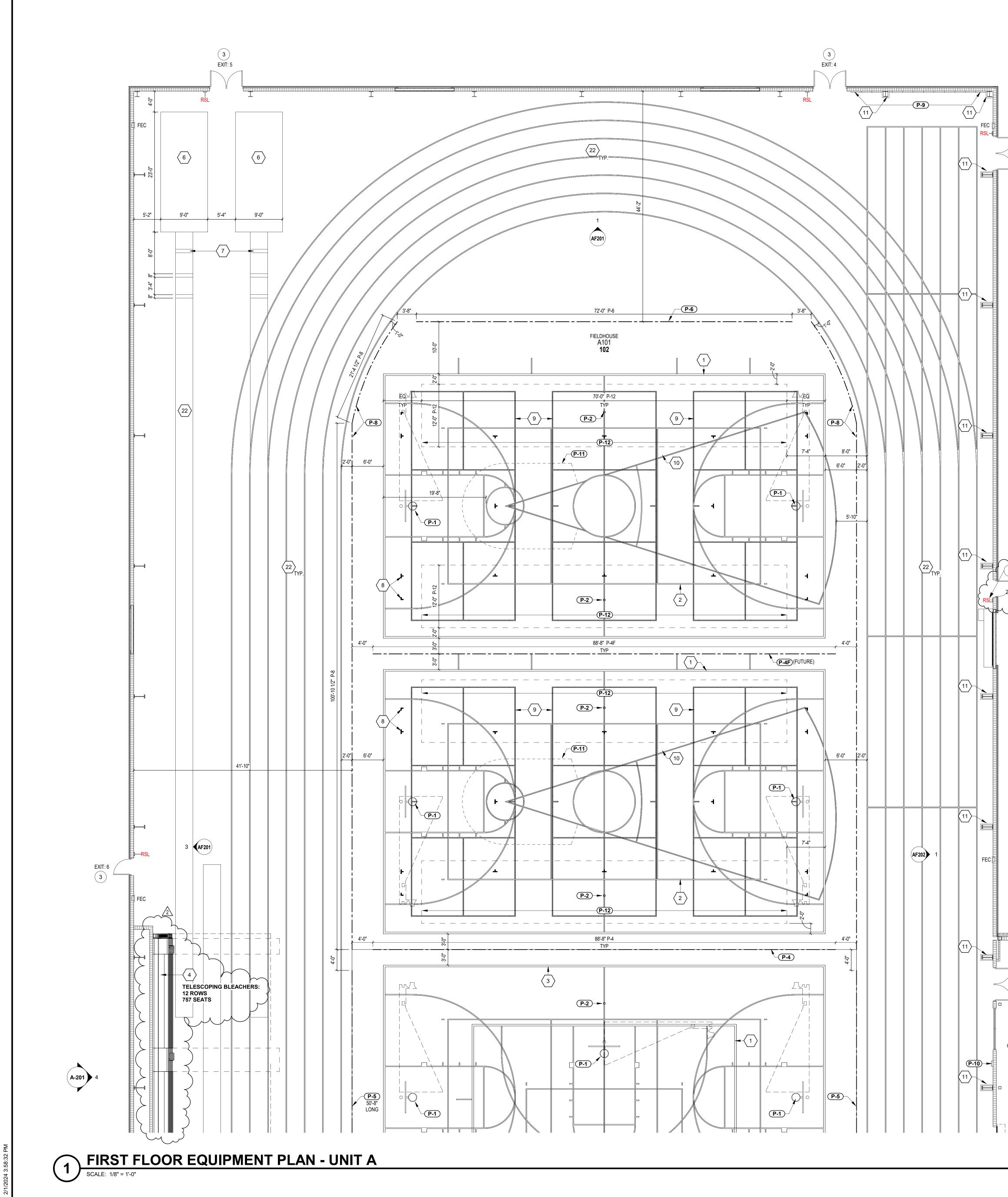
VERIFICATION NOTE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



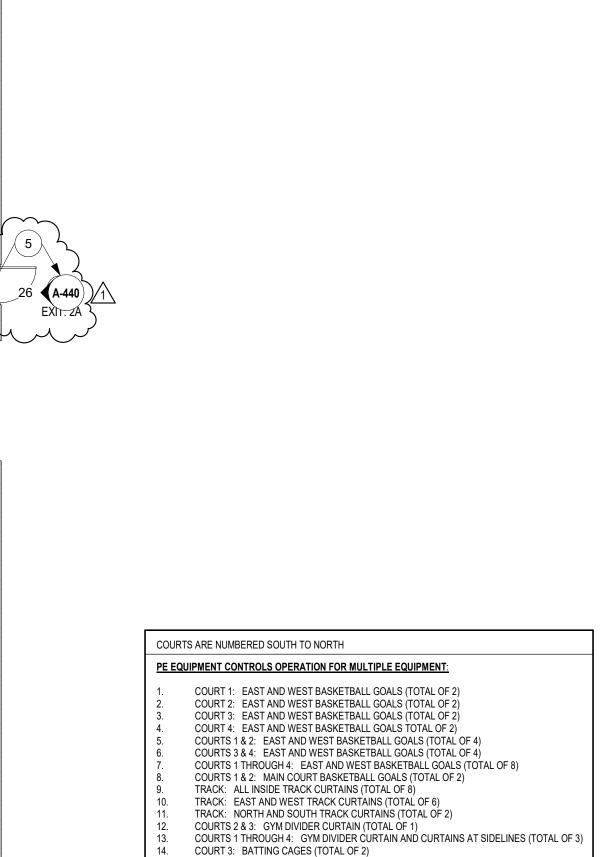




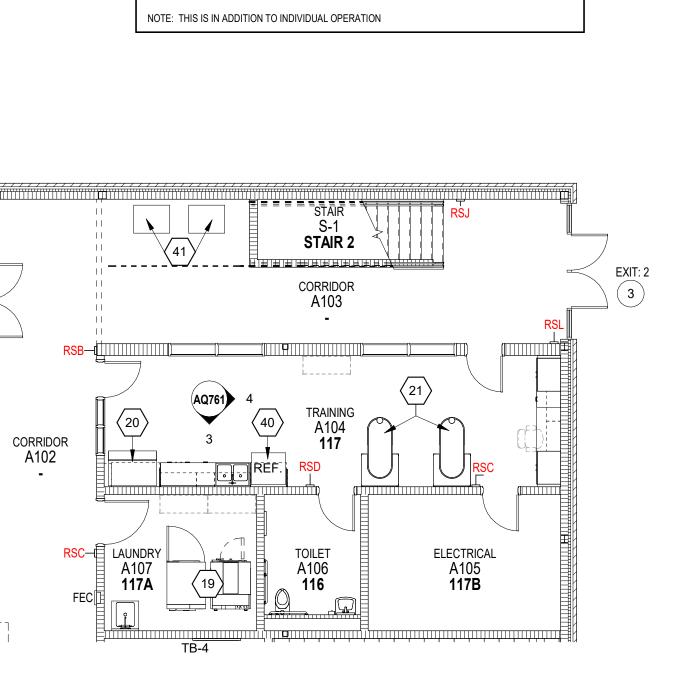


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	ROOM LEGEND			UIPMENT GEN
ROOM NO.	ROOM NAME	AREA (SF)	Α.	ALL COUNTERT
				> BACKSPLASHE
A101	FIELDHOUSE	54,239 SF		OTHERWISE. R
A102	CORRIDOR	328 SF	B.	
A103	CORRIDOR	296 SF	D.	LOOSE EQUIPN
A104	TRAINING	416 SF		INCLUDED IN C
A105	ELECTRICAL	182 SF		() INDICA
A106	TOILET	81 SF		CONSTRUCTIO
A107	LAUNDRY	144 SF	C.	(TB) INDICATES
S-1	STAIR	81 SF	D.	
	1		D.	(MB) INDICATE
			E.	PROVIDE FILLE
				WALL OR BETV
				COUNTER TO F
			F.	ALL CASEWOR
				LOCKABLE.
			G.	ALL EXPOSED I



(3)

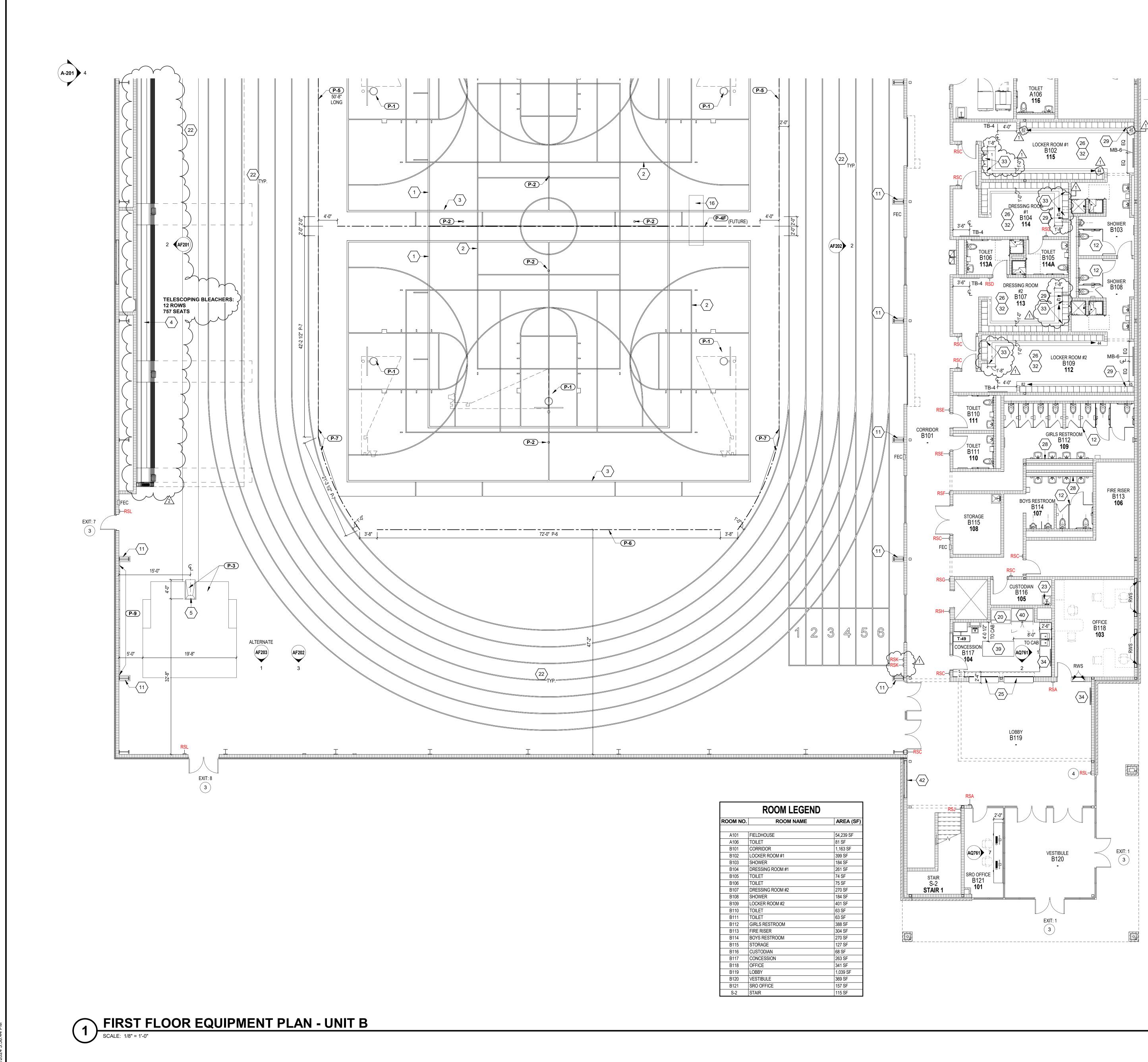


COURT 4: BATTING CAGES (TOTAL OF 2) COURTS 3 & 4: ALL BATTING CAGES (TOTAL OF 4)

COURTS 3 & 4: ALL THROWING CAGES (TOTAL OF 2)

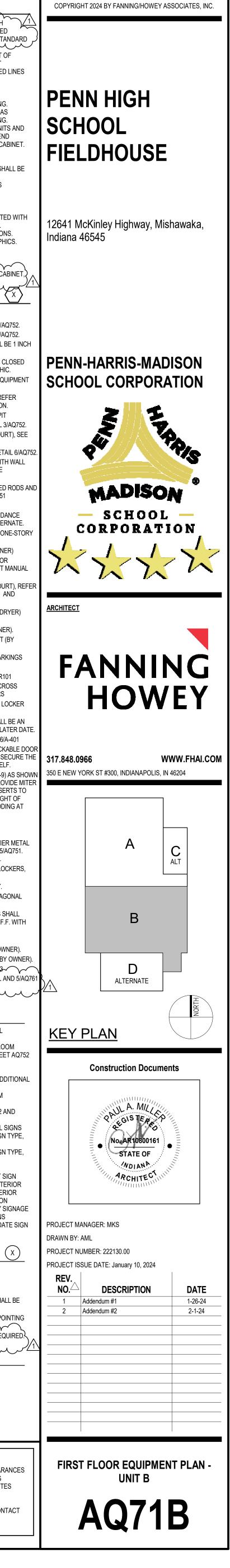
<b>EC</b> A.	ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH
Λ.	BACKSPLASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE. REFER TO DETAIL 7 & 8/AQ751 FOR STANDARD
В.	COUNTERTOP DETAILS. COUNTERTOP DETAILS. HIDDEN LINES (
	LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES () INDICATE OVERHEAD ITEMS (INCLUDED IN
C.	CONSTRUCTION CONTRACTS). (TB) INDICATES 4' HIGH TACK BOARD, LENGTH AS
D.	NDICATED. REFER TO MOUNTING HEIGHT DRAWING. (MB) INDICATES 4' HIGH MARKER BOARD, LENGTH AS
E.	INDICATED. REFER TO MOUNTING HEIGHT DRAWING. PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND
F.	COUNTER TO FACE OF WALL OR ADJACENT TALL CABINET. ALL CASEWORK DOORS AND DRAWERS SHALL BE
G.	LOCKABLE. ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE
H.	FINISHED. CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMBING/ELECTRICAL LINES.
I.	CASEWORK INSTALLER SHALL CAULK BETWEEN COUNTERS, BACKSPLASHES, AND WALLS.
J.	ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED.
K. L. M.	REFER TO LIST OF FINISHES FOR COLOR SELECTIONS. REFER TO AQ752 FOR COURT LAYOUTS AND GRAPHICS. FOR LOCKER TYPES, REFER TO 5/AQ751.
N.	P-X INDICATES ATHLETIC EQUIPMENT, REFER TO
). 1	(FEC) INDICATES RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAIL 6/AQ751.
	UIPMENT NOTES
ALI 1	NOTES MAY NOT BE INDICATED ON THIS SHEET) MAIN BASKETBALL COURT MARKINGS, SEE DETAIL 1/AQ752.
2 3	MAIN VOLLEYBALL COURT MARKINGS, SEE DETAIL 4/AQ752. CROSSCOURT BASKETBALL MARKINGS; LINES SHALL BE 1 INCH
4	AND NO CENTER CIRCLE IS REQUIRED. [ALTERNATE] TELESCOPING BLEACHERS, SHOWN IN CLOSED
5	POSITION. REFER TO 9/AQ751 FOR BLEACHER GRAPHIC. POLE VAULT VAULTING BOX. REFER TO ATHLETIC EQUIPMENT
3	SCHEDULE FOR ADDITIONAL INFORMATION. LONG JUMP WITH PIT FILL AND MLRSAF-5 COVER. REFER
7	ATHLETIC EQUIPMENT FOR ADDITIONAL INFORMATION. UNIFIED TAKEOFE LINE PAINT MUDISTANCE FROM PIT
8 9	TENNIS COURT MARKINGS (TOTAL OF 2), SEE DETAIL 3/AQ752. PICKLEBALL COURT MARKINGS (TOTAL OF 3 PER COURT), SEE
10	DETAIL 5/AQ752. SHOT PUT SECTOR MARKINGS (TOTAL OF 2), SEE DETAIL 6/AQ7
11	WRAP PRE-ENGINEERED BUILDING MAIN FRAMES WITH WALL PADDING (P-9). REFER TO DETAIL 1/A-11A FOR MORE
12	INFORMATION TOILET PARTITIONS TO BE SUPPORTED BY THREADED RODS A HUNG FROM STEEL TUBE ABOVE, SEE DETAIL 1/AQ751
3  4	AUNG FROM STEEL TUBE ABOVE, SEE DETAIL 1/AQ/51 [ALTERNATE] OPERABLE WALL, REFER TO 1/AC12B ALL WORK ASSOCIATED WITH THE WRESTLING AND DANCE
4	ALL WORK ASSOCIATED WITH THE WRESTLING AND DANCE TWO-STORY ADDITION AT "UNIT D" SHALL BE AN ALTERNATE. ALL WORK ASSOCIATED WITH THE STORAGE ROOM ONE-STOR
15	ALL WORK ASSOCIATED WITH THE STORAGE ROOM ONE-STOR ADDITION AT "UNIT C" SHALL BE AN ALTERNATE. SCORER'S TABLE TO BE LOOSE EQUIPMENT (BY OWNER)
17	INTERIOR SCOREBOARD (TYPE 1), REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AND PROJECT MANUAL
18	FOR ADDITIONAL INFORMATION INTERIOR SCOREBOARD (TYPE 2 – COMPETITION COURT), REF
	TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION
19	COMMERCIAL LAUNDRY EQUIPMENT (WASHER AND DRYER) SHALL BE LOOSE EQUIPMENT (BY OWNER).
20 21	ICE MACHINE SHALL BE LOOSE EQUIPMENT (BY OWNER). HYDRO SOAKING TUBS SHALL BE LOOSE EQUIPMENT (BY OWNER)
22 23	OWNER). REFER TO FINISH PLANS FOR TRACK AND EVENT MARKINGS PROVIDE A MOP HOLDER (MH) AT MOP SINK.
24	PROVIDE LADDER TO ROOF HATCH, SEE DETAIL 1/AR101
25 26	SOLID SURFACE COUNTER (SSM-1) TO CONTINUE ACROSS COILING DOOR OPENING; RADIUS OUTSIDE CORNERS PROVIDE SHELF ON TOP OF ALL METAL LOCKERS IN LOCKER
26 27	ROVIDE SHELF ON TOP OF ALL ME TAL LOCKERS IN LOCKER ROOM, REFER TO DETAIL 2/AQ751 ALL WORK AND EQUIPMENT WITHIN THIS ROOM SHALL BE AN
28	ALTERNATE. THEREFORE, TO BE COMPLETED AT A LATER DAT SSM-1 LAVATORY SHELF ABOVE SINKS, SEE DETAIL 6/A-401
29	INSTALL WIRE MESH PARTITIONS 24" WIDE WITH LOCKABLE DC AND THE DEPTH OF THE LOCKER SHELF. THIS WILL SECURE T
30	OWNER'S AIR CLEANER PLACED ON TOP OF THE SHELF. [UNIT D ALTERNATE] PROVIDE 6'H WALL PADDING (P-9) AS SHO
	AROUND PILASTERS AND PERIMETER OF ROOM. PROVIDE MIT CORNERS AT PILASTERS. PROVIDE PREMOLDED INSERTS TO ACCOMMODATE ELECTRICAL DEVICES. ADJUST HEIGHT OF
	PADDING TO ACCOMMODATE WINDOWS. STOP PADDING AT HOLLOW METAL DOOR FRAMES.
1	OVERHEAD SHORT THROW PROJECTOR, REFER TO TECHNOLOGY DRAWINGS.
2	INSTALL CONCRETE LOCKER BENCHES WITH TWO-TIER METAL ATHLETIC LOCKERS ABOVE, REFER TO DETAILS 2 & 5/AQ751. NOTES AT LOCKERS INDICATE LOCKER NUMBERING.
3	NOTES AT LOCKERS INDICATE LOCKER NUMBERING. BUILT-IN LOCKER ADA BENCH ALONG THIS RUN OF LOCKERS, REFER TO DETAIL 3/AQ751
4 5	WALL MOUNTED MONITOR, REFER TO TECHNOLOGY. [UNIT D ALTERNATE] PROJECTION SCREEN – 165" DIAGONAL
6	[UNIT D'ALTERNATE] PROJECTION SCREEN – 165 'DIAGONAL (80-1/2"H X 140" W) – ELECTRICALLY X OPERATED. [UNIT D ALTERNATE] UNFRAMED MIRROR. MIRRORS SHALL
-	VERTICAL JOINTS AT 4' O.C. AND MOUNTED AT 24" A.F.F. WITH TOP AT 7'-4".
39 10	REFER TO 8/AQ761 FOR ISLAND DETAIL REFRIGERATOR SHALL BE LOOSE EQUIPMENT (BY OWNER).
11 12	VENDING MACHINES SHALL BE LOOSE EQUIPMENT (BY OWNER UNSTALL DEDICATION PLAQUE, SEE DETAIL ON AQ752
43 (	[ALTERNATE] REFER TO 6/AQ761 FOR ISLAND DETAIL AND 5/AQ FOR ELEVATION AT WEST WALL
SIC	REFER TO BUILDING ELEVATIONS FOR ADDITIONAL
А. З.	REFER TO BUILDING ELEVATIONS FOR ADDITIONAL BUILDING LETTERS (RS) LETTERS ADJACENT TO ENTRY INDICATES ROOM
	SIGNAGE AND "" FOR SIGN TYPE. REFER TO SHEET AQ752 FOR SIGNAGE TYPES, DETAILS, AND ADDITIONAL
;.	INFORMATION REFER TO MOUNTING HEIGHTS DRAWINGS FOR ADDITIONAL
	INFORMATION OWNER TO APPROVE ALL DISIGNATION AND ROOM NUMBERING SYSTEM PRIOR TO FABRICATION
	MAXIMUM CAPACITY SIGN TO BE TYPE K ON AQ752 AND LOCATED AS INDICATED ON PLAN
•	SIGN TO HAVE 1/2" RADIUS CORNERS, TYPICAL ALL SIGNS ALL DIMENSIONS INDICATED ARE TYPICAL PER SIGN TYPE, UNLESS OTHERWISE NOTED
à.	UNLESS OTHERWISE NOTED. ALL DIMENSIONS INDICATED ARE TYPICAL PER SIGN TYPE, UNLESS OTHERWISE NOTED.
	REFER TO PLAN FOR EXTERIOR DOOR NUMBERS ALL EXTERIOR DOORS TO RECIEVE INTERIOR EXIT SIGN
	TYPE "L" WITH NUMBERS COREESPONDING TO EXTERIOR DOOR NUMBER, OWNER SHALL APPROVE OF EXTERIOR
J.	DOOR NUMBERING SCHEME PRIOR TO FABRICATION LOCAL FIRE CHIEF TO VERIFY MAXIMUM CAPACITY SIGNAGE PRIOR TO FABRICATION, SEE PLAN FOR LOCATIONS
۲.	INCREASE SIGN SIZE IF REQUIRED TO ACCOMMODATE SIGN COPY & GRAPHICS.
SIA	GNAGE PLAN NOTES
(AL	L NOTES MAY NOT BE INDICATED ON THIS SHEET)
1 2	THIS SIGN SHALL BE PART OF UNIT "D" ALTERNATE. THIS SIGN SHALL BE PART OF UNIT "C" ALTERNATE.
3	EXTERIOR DOOR NUMBERS (HELVETICA MEDIUM) SHALL BE 10" VERTICAL LETTERS ON GLASS TRANSOMS.
4	
5 ک	UNDER UNIT C ALTERNATE, THIS SIGNAGE IS NOT REQUIRED SEE A/AQ71C FOR UNIT C ALTERNATE SIGNAGE.
EC	UIPMENT ROOM TAG LEGEND
	A104 - DOCUMENTS
	(REFERENCE ONLY) OWNER/ SIGNAGE
	ROOM NUMBER
	ERIFICATION NOTE
AN	NTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES D ALL EXISTING FIELD CONDITIONS BEFORE STARTING INSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES
AC	CEPTANCE OF CONDITIONS.
	OULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT E ARCHITECT BEFORE PROCEEDING WITH WORK.

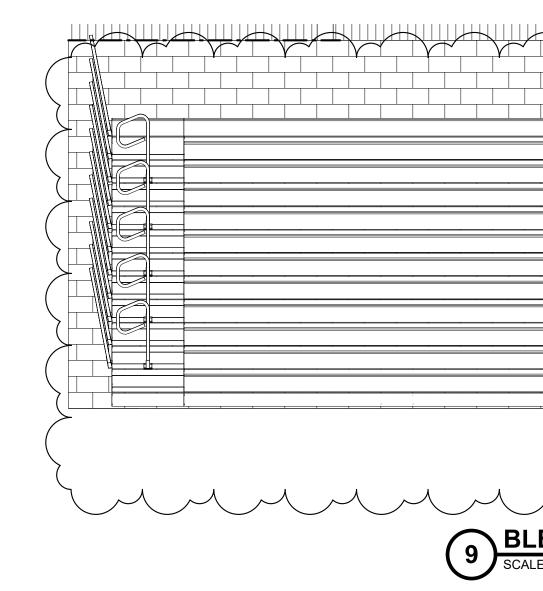




ROOM LEGEND				
ROOM NO.	ROOM NAME	AREA (SF)		
A101	FIELDHOUSE	54,239 SF		
A106	TOILET	81 SF		
B101	CORRIDOR	1,163 SF		
B102	LOCKER ROOM #1	399 SF		
B103	SHOWER	184 SF		
B104	DRESSING ROOM #1	261 SF		
B105	TOILET	74 SF		
B106	TOILET	75 SF		
B107	DRESSING ROOM #2	270 SF		
B108	SHOWER	184 SF		
B109	LOCKER ROOM #2	401 SF		
B110	TOILET	63 SF		
B111	TOILET	63 SF		
B112	GIRLS RESTROOM	388 SF		
B113	FIRE RISER	304 SF		
B114	BOYS RESTROOM	270 SF		
B115	STORAGE	127 SF		
B116	CUSTODIAN	68 SF		
B117	CONCESSION	263 SF		
B118	OFFICE	341 SF		
B119	LOBBY	1,039 SF		
B120	VESTIBULE	369 SF		
B121	SRO OFFICE	157 SF		
S-2	STAIR	115 SF		

EQUIPMEN	
	IT GENERAL NOTES
	DUNTERTOPS TO HAVE CONTINUOUS 4" HIGH
( OTHER	SPLASHES AND ENDSPLASHES UNLESS NOTED RWISE. REFER TO DETAIL 7 & 8/AQ751 FOR STAN TERTOP DETAILS.
B. HIDDE	NUMER ( ) ) INDICATE ITEMS TO BE PART OF
INCLU	DED IN CONSTRUCTION CONTRACTS. DASHED L ) INDICATE OVERHEAD ITEMS (INCLUDED IN
	TRUCTION CONTRACTS). IDICATES 4' HIGH TACK BOARD, LENGTH AS
D. (MB) IN	ATED. REFER TO MOUNTING HEIGHT DRAWING. NDICATES 4' HIGH MARKER BOARD, LENGTH AS
E. PROVI	ATED. REFER TO MOUNTING HEIGHT DRAWING. DE FILLER STRIPS BETWEEN CASEWORK UNITS
COUN	OR BETWEEN ANY UNIT AS REQUIRED. EXTEND TER TO FACE OF WALL OR ADJACENT TALL CABI
LOCKA	ASEWORK DOORS AND DRAWERS SHALL BE ABLE. KPOSED ENDS AND BACKS OF CASEWORK SHAL
FINISH	
REQU	IRED FOR PLUMBING/ELECTRICAL LINES.
	TERS, BACKSPLASHES, AND WALLS. ALL-MOUNTED CASEWORK SHALL BE MOUNTED
K. REFEF	OP AT 7'-0" AFF UNLESS OTHERWISE NOTED. R TO LIST OF FINISHES FOR COLOR SELECTIONS
M. FOR L	R TO AQ752 FOR COURT LAYOUTS AND GRAPHIC OCKER TYPES, REFER TO 5/AQ751. DICATES ATHLETIC EQUIPMENT, REFER TO
SCHE	DUATES ATTLE TO EQUIPMENT, NET EN TO DUE NUPROJECT MANUAL INDICATES RECESSED FIRE EXTINGUISHER CABI
REFÉF	TO DETAIL 6/AQ751.
	IT NOTES
	ASKETBALL COURT MARKINGS, SEE DETAIL 1/AQ7
	OLLEYBALL COURT MARKINGS, SEE DETAIL 4/AQ7 COURT BASKETBALL MARKINGS; LINES SHALL BE
	) CENTER CIRCLE IS REQUIRED. NATE] TELESCOPING BLEACHERS, SHOWN IN CLO
	ON. REFER TO 9/AQ751 FOR BLEACHER GRAPHIC. /AULT VAULTING BOX. REFER TO ATHLETIC EQUIF
	ULE FOR ADDITIONAL INFORMATION. IUMP WITH PIT FILL AND MLRSAF-5 COVER. REFE
	TIC EQUIPMENT FOR ADDITIONAL INFORMATION. D TAKEOFF LINE PAINT, MADISTANCE FROM PIT
8 TENNIS	COURT MARKINGS (TOTAL OF 2), SEE DETAIL 3/A BALL COURT MARKINGS (TOTAL OF 3 PER COURT
DETAIL	.5/AQ752. PUT SECTOR MARKINGS (TOTAL OF 2), SEE DETAIL
11 WRAP	PRE-ENGINEERED BUILDING MAIN FRAMES WITH V NG (P-9). REFER TO DETAIL 1/A-11A FOR MORE
INFORM	
HUNG F	FROM STEEL TUBE ABOVE, SEE DETAIL 1/AQ751 NATE] OPERABLE WALL, REFER TO 1/AC12B
14 ALL WO	NATEJ OPERABLE WALL, REPER TO 1/ACT26 ORK ASSOCIATED WITH THE WRESTLING AND DAN TORY ADDITION AT "UNIT D" SHALL BE AN ALTERN
15 ALL WO	ORY ADDITION AT UNIT D'SHALL BE AN ALTERN ORK ASSOCIATED WITH THE STORAGE ROOM ONE ON AT "UNIT C" SHALL BE AN ALTERNATE.
16 SCORE	R'S TABLE TO BE LOOSE EQUIPMENT (BY OWNER OR SCOREBOARD (TYPE 1), REFER TO INTERIOR
ELEVA	OR SCOREBOARD (TYPE 1), REFER TO INTERIOR TIONS FOR MOUNTING HEIGHTS AND PROJECT MA DDITIONAL INFORMATION
18 INTERIO	OR SCOREBOARD (TYPE 2 – COMPETITION COURT ERIOR ELEVATIONS FOR MOUNTING HEIGHTS ANI
PROJE	CT MANUAL FOR ADDITIONAL INFORMATION ERCIAL LAUNDRY EQUIPMENT (WASHER AND DRY
SHALL	BE LOOSE EQUIPMENT (BY OWNER). CHINE SHALL BE LOOSE EQUIPMENT (BY OWNER)
	SOAKING TUBS SHALL BE LOOSE EQUIPMENT (B
22 REFER	TO FINISH PLANS FOR TRACK AND EVENT MARKII DE A MOP HOLDER (MH) AT MOP SINK.
24 PROVID	DE LADDER TO ROOF HATCH, SEE DETAIL 1/AR101
COILIN	SURFACE COUNTER (SSM-1) TO CONTINUE ACROS G DOOR OPENING; RADIUS OUTSIDE CORNERS
ROOM,	DE SHELF ON TOP OF ALL METAL LOCKERS IN LOC REFER TO DETAIL 2/AQ751
ALTER	DRK AND EQUIPMENT WITHIN THIS ROOM SHALL B NATE. THEREFORE, TO BE COMPLETED AT A LATE
29 INSTAL	LAVATORY SHELF ABOVE SINKS, SEE DETAIL 6/A-4 L WIRE MESH PARTITIONS 24" WIDE WITH LOCKAE
OWNER	IE DEPTH OF THE LOCKER SHELF. THIS WILL SEC R'S AIR CLEANER PLACED ON TOP OF THE SHELF.
AROUN	) ALTERNATE] PROVIDE 6'H WALL PADDING (P-9) A ID PILASTERS AND PERIMETER OF ROOM. PROVID RS AT PILASTERS. PROVIDE PREMOLDED INSER
ACCOM	IMODATE ELECTRICAL DEVICES. ADJUST HEIGHT
	W METAL DOOR FRAMES. IEAD SHORT THROW PROJECTOR, REFER TO
TECHN	OLOGY DRAWINGS.
-	L CONCRETE LOCKER BENCHES WITH TWO-TIER
32 INSTAL ATHLE	
32 INSTAL ATHLET NOTES 33 BUILT-I	TIC LOCKERS ABOVE, REFER TO DETAILS 2 & 5/AQ AT LOCKERS INDICATE LOCKER NUMBERING.
32 INSTAL ATHLET NOTES 33 BUILT-I REFER 34 WALL M 35 [UNIT D	N LOCKER ADA BENCH ALONG THIS RUN OF LOCK TO DETAIL 3/AQ751 /OUNTED MONITOR, REFER TO TECHNOLOGY. ) ALTERNATE] PROJECTION SCREEN – 165" DIAGO
32 INSTAL ATHLET NOTES 33 BUILT-I REFER 34 WALL N 35 [UNIT D (80-1/2" 36 [UNIT D	TIC LOCKERS ABOVE, REFER TO DETAILS 2 & 5/AQ AT LOCKERS INDICATE LOCKER NUMBERING. N LOCKER ADA BENCH ALONG THIS RUN OF LOCK TO DETAIL 3/AQ751 /OUNTED MONITOR, REFER TO TECHNOLOGY. ALTERNATE] PROJECTION SCREEN – 165" DIAGO H X 140" W) – ELECTRICALLY X OPERATED. ALTERNATE] UNFRAMED MIRROR. MIRRORS SHA
32 INSTAL ATHLET NOTES 33 BUILT-I REFER 34 WALL M 35 [UNIT D (80-1/2" 36 [UNIT D VERTIC TOP AT	TIC LOCKERS ABOVE, REFER TO DETAILS 2 & 5/AQ AT LOCKERS INDICATE LOCKER NUMBERING. N LOCKER ADA BENCH ALONG THIS RUN OF LOCK TO DETAIL 3/AQ751 MOUNTED MONITOR, REFER TO TECHNOLOGY. ALTERNATEJ PROJECTION SCREEN – 165" DIAGO H X 140" W) – ELECTRICALLY X OPERATED. ALTERNATEJ UNFRAMED MIRROR. MIRRORS SHA CAL JOINTS AT 4' O.C. AND MOUNTED AT 24" A.F.F. 7'-4".
<ul> <li>32 INSTAL ATHLET NOTES</li> <li>33 BUILT-I REFER</li> <li>34 WALL N</li> <li>35 [UNIT D (80-1/2")</li> <li>36 [UNIT D VERTIC TOP AT</li> <li>39 REFER</li> <li>40 REFRIC</li> </ul>	TIC LOCKERS ABOVE, REFER TO DETAILS 2 & 5/AQ AT LOCKERS INDICATE LOCKER NUMBERING. N LOCKER ADA BENCH ALONG THIS RUN OF LOCK TO DETAIL 3/AQ751 //OUNTED MONITOR, REFER TO TECHNOLOGY. 0 ALTERNATE] PROJECTION SCREEN – 165" DIAGO H X 140" W) – ELECTRICALLY X OPERATED. 0 ALTERNATE] UNFRAMED MIRROR. MIRRORS SHA 2AL JOINTS AT 4' O.C. AND MOUNTED AT 24" A.F.F. - 7'-4". TO 8/AQ761 FOR ISLAND DETAIL GERATOR SHALL BE LOOSE EQUIPMENT (BY OWNE
<ul> <li>32 INSTAL ATHLET NOTES</li> <li>33 BUILT-I REFER</li> <li>34 WALL N</li> <li>35 [UNIT D (80-1/2")</li> <li>36 [UNIT D VERTIC TOP AT</li> <li>39 REFER</li> <li>40 REFRIC</li> <li>41 VENDIN</li> </ul>	TIC LOCKERS ABOVE, REFER TO DETAILS 2 & 5/AQ AT LOCKERS INDICATE LOCKER NUMBERING. N LOCKER ADA BENCH ALONG THIS RUN OF LOCK TO DETAIL 3/AQ751 MOUNTED MONITOR, REFER TO TECHNOLOGY. ALTERNATEJ PROJECTION SCREEN – 165" DIAGO H X 140" W) – ELECTRICALLY X OPERATED. ALTERNATEJ UNFRAMED MIRROR. MIRRORS SHA CAL JOINTS AT 4' O.C. AND MOUNTED AT 24" A.F.F. '7'-4". TO 8/AQ761 FOR ISLAND DETAIL GERATOR SHALL BE LOOSE EQUIPMENT (BY OWNE NG MACHINES SHALL BE LOOSE EQUIPMENT (BY OWNE
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32 INSTAL ATHLE NOTES 33 BUILT-I REFER 34 WALL M 35 [UNIT D (80-1/2" 36 [UNIT D VERTIC TOP AT 39 REFER 40 REFRIC 41 VENDIN 42 INSTAL 43 FOR EL 43 FOR EL 43 FOR EL 43 FOR EL 43 FOR EL 43 FOR EL 43 FOR EL 40 REFER BUILD B. (RS_) B. (RS_) B	TIC LOCKERS ABOVE, REFER TO DETAILS 2 & 5/AC AT LOCKERS INDICATE LOCKER NUMBERING. N LOCKER ADA BENCH ALONG THIS RUN OF LOCK TO DETAIL 3/AQ751 MOUNTED MONITOR, REFER TO TECHNOLOGY. ALTERNATE] PROJECTION SCREEN – 165° DIAGO H X 140° W) – ELECTRICALLY X OPERATED. ALTERNATE] UNFRAMED MIRROR. MIRRORS SH/ ALJOINTS AT 4' O.C. AND MOUNTED AT 24° A.F. 7-4°. TO 8/AQ761 FOR ISLAND DETAIL SERATOR SHALL BE LOOSE EQUIPMENT (BY OWNE IG MACHINES SHALL AND IT INDICATES ROOM IG AND "_ "FOR SIGN TYPE. REFER TO SHEET IGNAGE TYPES, DETAILS, AND ADDITIONAL MATION R TO MOUNTING HEIGHTS DRAWINGS FOR ADDITI MATION R TO APPROVE ALL DISIGNATION AND ROOM ERING SYSTEM PRIOR TO FABRICATION IUM CAPACITY SIGN TO BE TYPE K ON AQ752 AN TED AS INDICATED ARE TYPICAL PER SIGN T SO OTHERWISE NOTED. R TO PLAN FOR EXTERIOR DOOR NUMBERS CTERIOR DOORS TO RECIEVE INTERIOR EXIT SIG T' WITH NUMBERS COREESPONDING TO EXTERIOR NUMBER, OWNER SHALL APPROVE OF EXTERIOR NUMBERS ON LEAD ARE TYPICAL PER SIGN T SO THERWISE NOTED. R SIGN SIZE IF REQUIRED TO ACCOMMODATE & GRAPHICS. INT OF AND TAG LEGEND MATION TO ALTERNATE. THIS SIGNAGE. IT ROOM TAG LEGEND MATION ALL BE PART OF UNIT "C' ALTERNATE. GN SHALL BE PART OF UNIT "C' ALTERNATE. GN SHALL BE PART OF UNIT "C' ALTERNATE. GN SHALL





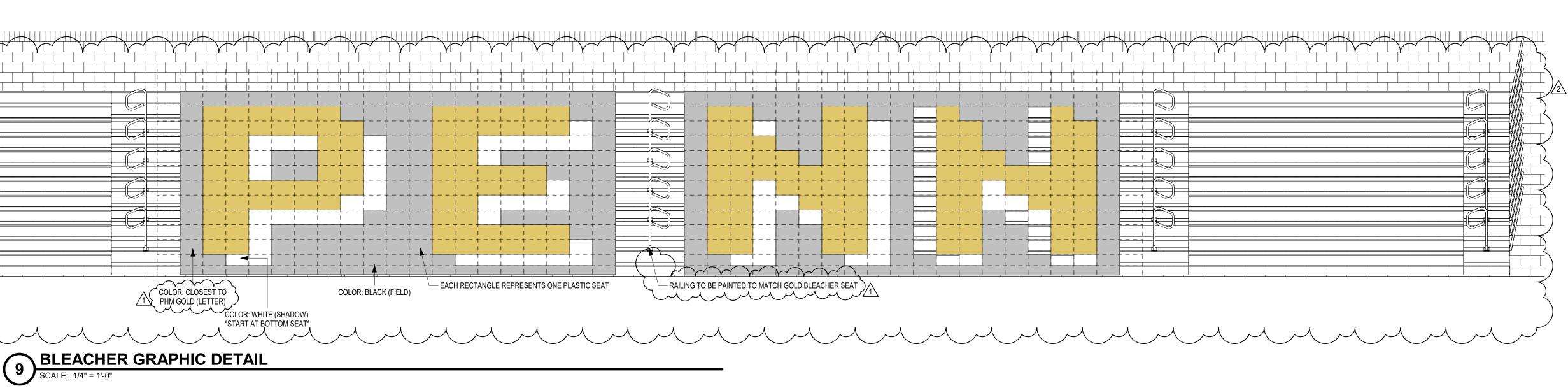


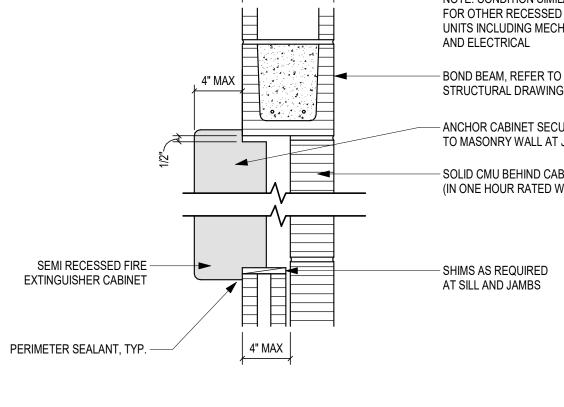
WALL LINE —

3MM PVC EDGING (TOP) -

W/ RADIUS FRONT EDGE.

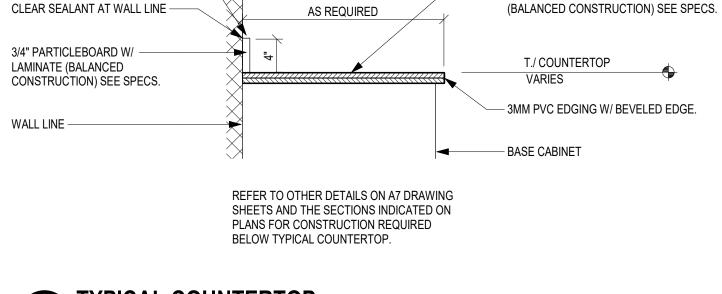




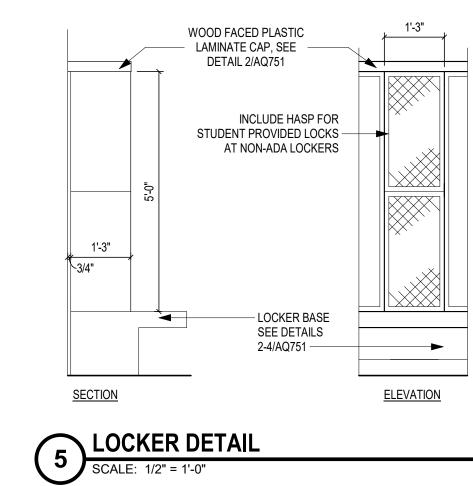


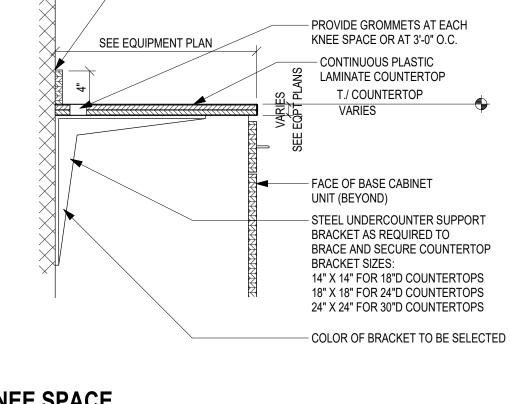
6 FIRE EXTINGUISHER CABINET (FEC) SCALE: 1 1/2" = 1'-0"

REFER TO PLAN

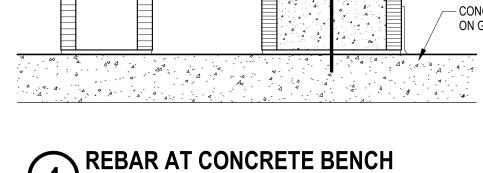


1 1/8" PARTICLEBOARD W/ LAMINATE

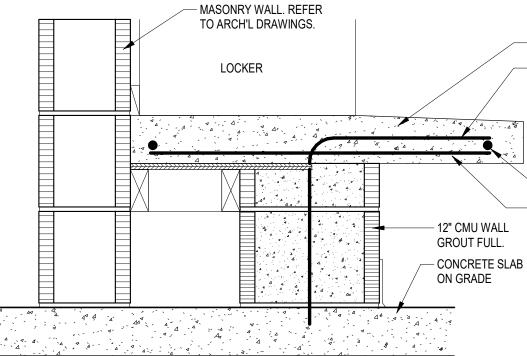




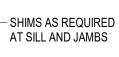
- CLEAR SEALANT



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



# ADA LOCKER BENCH AND TOP SCALE: 1 1/2" = 1'-0"

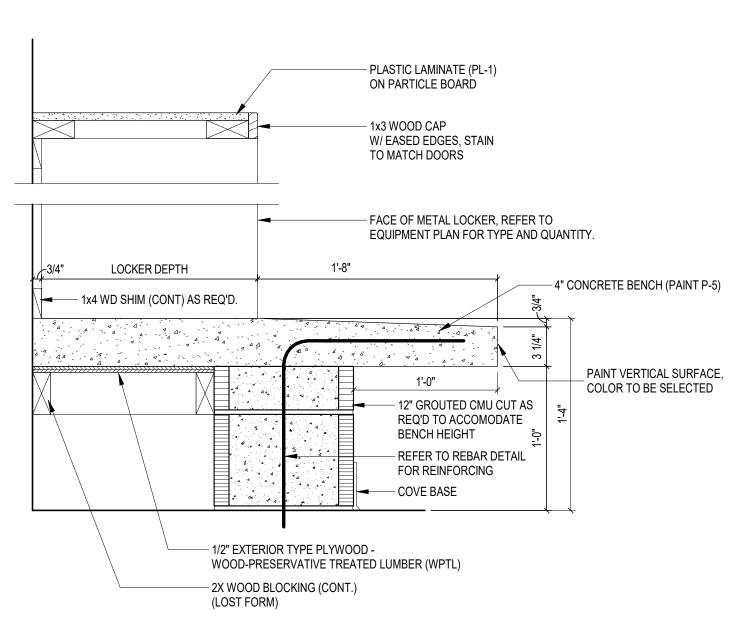


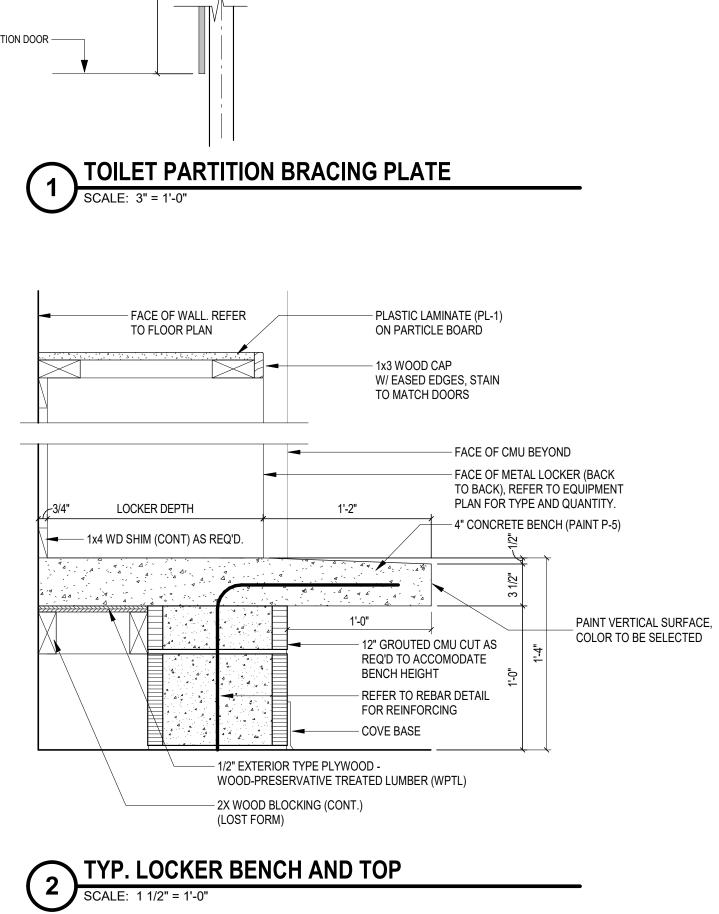
TO MASONRY WALL AT JAMB - SOLID CMU BEHIND CABINET (IN ONE HOUR RATED WALL 4" MIN.)

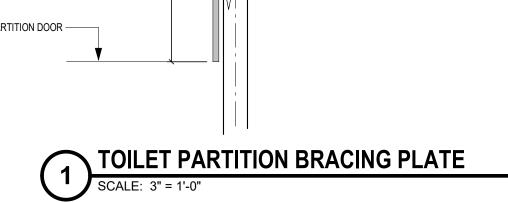
STRUCTURAL DRAWINGS - ANCHOR CABINET SECURELY

UNITS INCLUDING MECHANICAL AND ELECTRICAL

NOTE: CONDITION SIMILAR FOR OTHER RECESSED

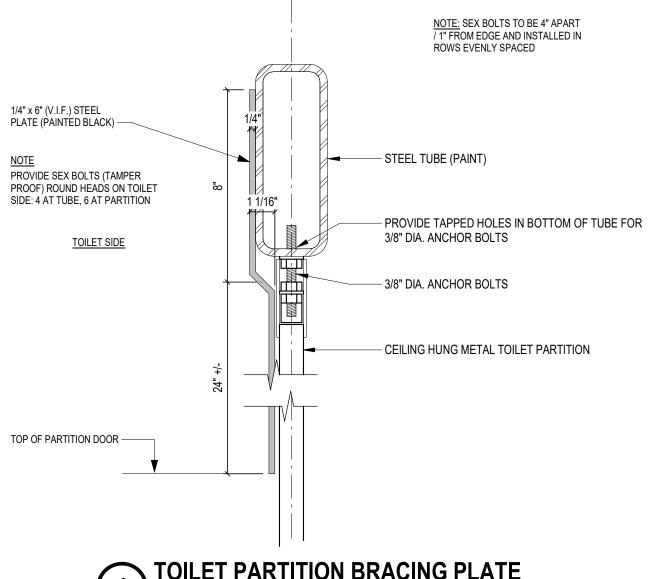




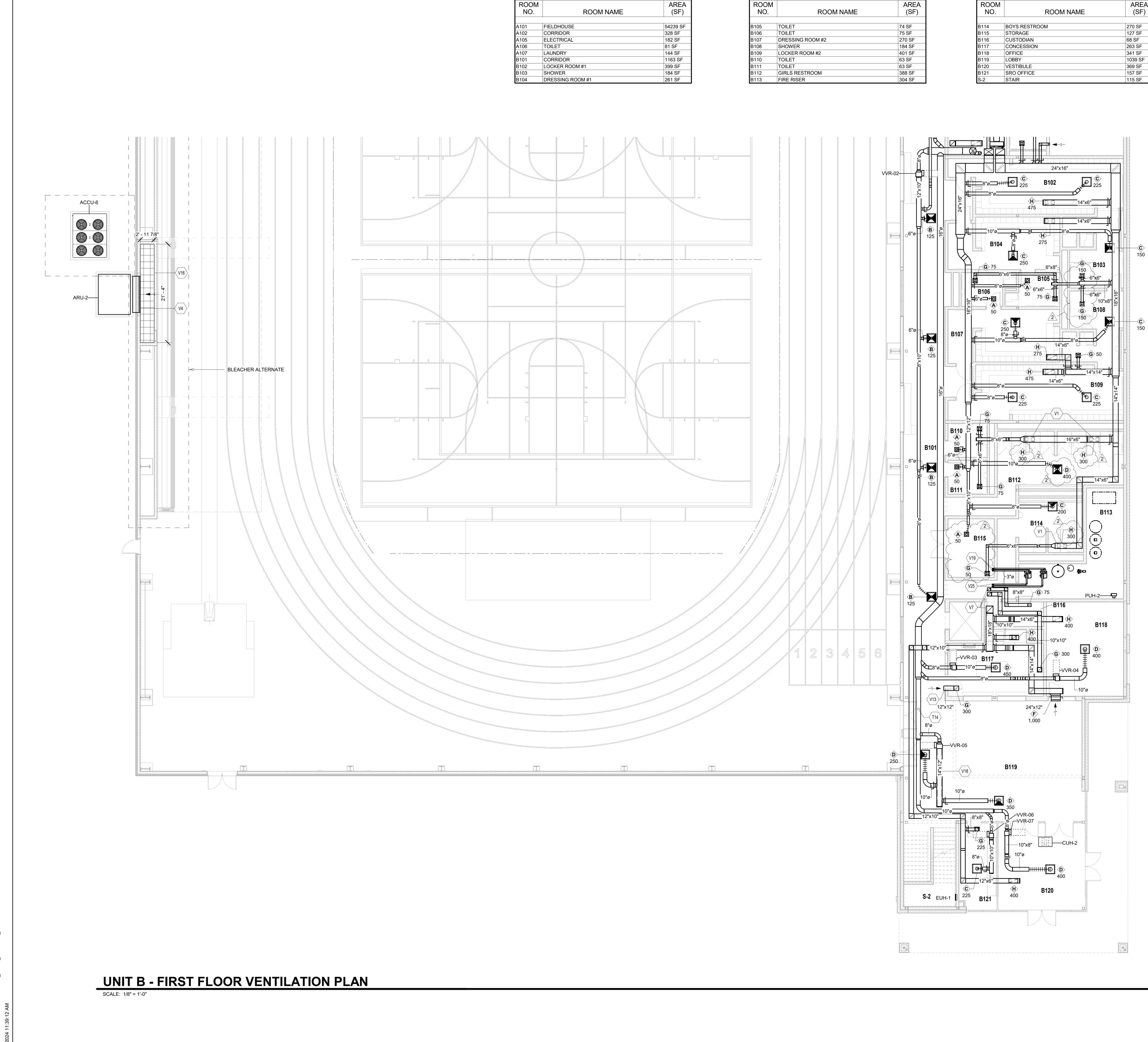


- #3 x 16" x 16" LG DOWELS AT 16" O.C. DRILL & EXPOXY WITH HILTI HIT HY200 ADHESIVE (3" EMBED) -#3 CONT. — #3 @ 16" O.C. – 12" CMU WALL GROUT FULL.

- 4" CONCRETE BENCH, TAPERED







ROOM LEGEND		
ROOM NO.	ROOM NAME	AREA (SF)
	-	
A101	FIELDHOUSE	54239 SF
A102	CORRIDOR	328 SF
A105	ELECTRICAL	182 SF
A106	TOILET	81 SF
A107	LAUNDRY	144 SF
B101	CORRIDOR	1163 SF
B102	LOCKER ROOM #1	399 SF
B103	SHOWER	184 SF
B104	DRESSING ROOM #1	261 SF

	ROOM LEGEND	
ROOM NO.	ROOM NAME	
B105	TOILET	
B106	TOILET	
B107	DRESSING ROOM #2	
B108	SHOWER	
B109	LOCKER ROOM #2	
B110	TOILET	
B111	TOILET	
B112	GIRLS RESTROOM	
B113	FIRE RISER	

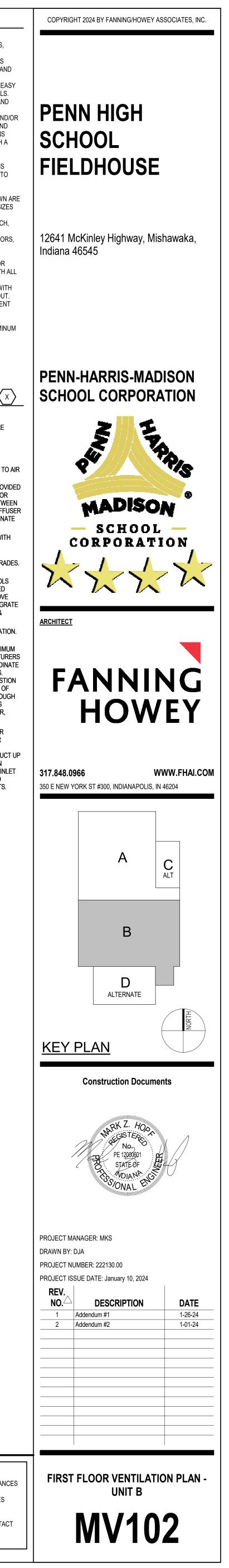
AREA (SF)
74.05
74 SF
75 SF
270 SF
184 SF
401 SF
63 SF
63 SF
388 SF
 304 SF

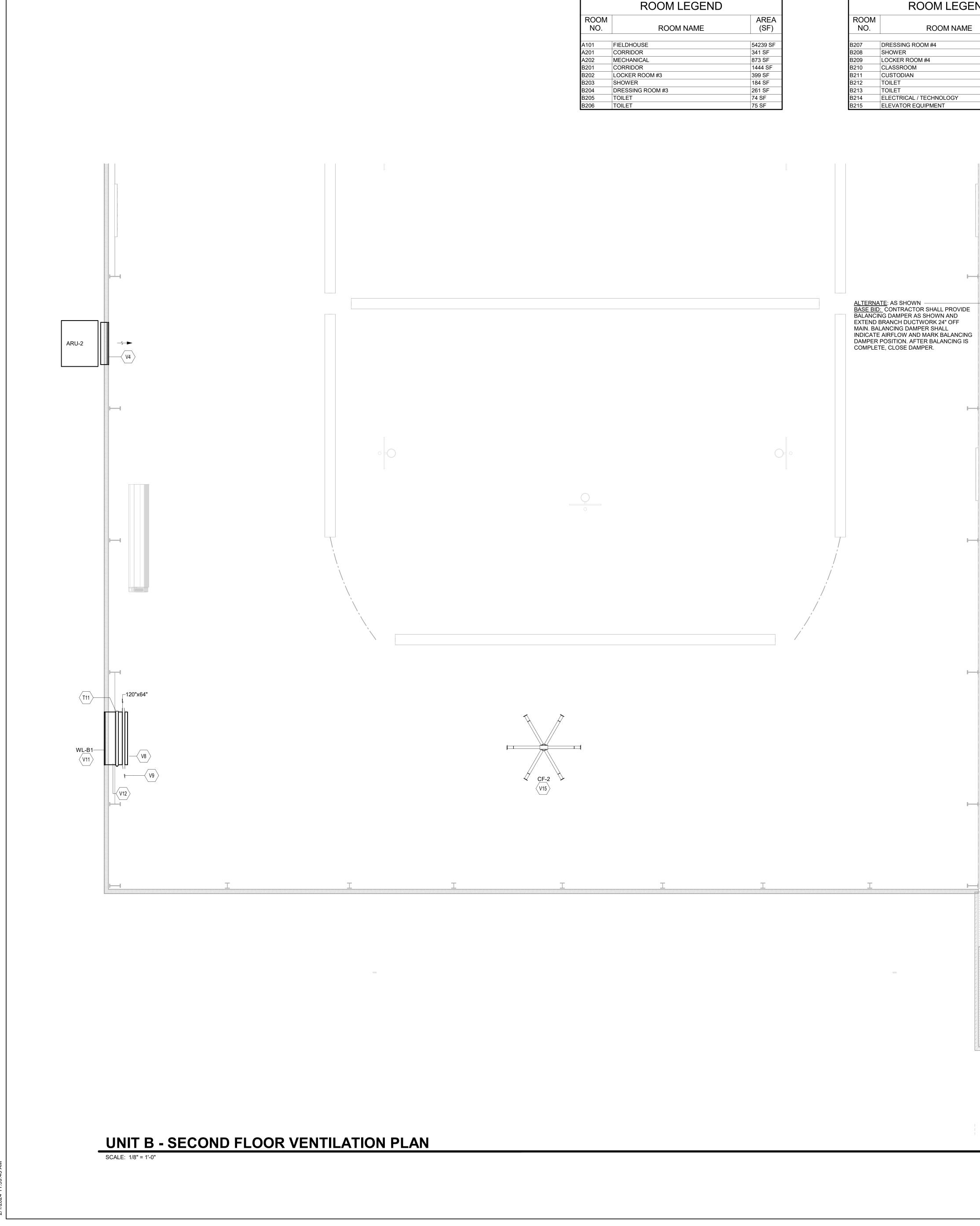
	ROOM LEGEND	
ROOM NO.	ROOM NAME	AREA (SF)
		·
B114	BOYS RESTROOM	270 SF
B115	STORAGE	127 SF
B116	CUSTODIAN	68 SF
B117	CONCESSION	263 SF
B118	OFFICE	341 SF
B119	LOBBY	1039 SF
B120	VESTIBULE	369 SF
B121	SRO OFFICE	157 SF
S-2	STAIR	115 SF

VENTILATION PLAN GENERAL NOTES A. ALL DUCTWORK, PIPING AND VALVES SHALL BE
CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED. B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS
RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS. C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EAS
ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/ WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS
THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, ELOOPS WALLS POORS CEILING AND DAVEMENT
<ul> <li>FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.</li> <li>F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN A INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZE SHOWN ARE INSIDE DIAMETERS.</li> </ul>
<ul> <li>G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.</li> <li>H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSOR</li> </ul>
HUMIDISTATS, ETC. 44" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS. I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR
OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH A OTHER TRADES. J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH
K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
L. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINU IN ACCORDANCE WITH SMACNA REQUIREMENTS.
VENTILATION PLAN NOTES
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET) T14 APPROXIMATE LOCATION OF DUCT STATIC PRESSURE
SENSOR. SENSOR PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR. COORDINATE EXACT
LOCATION WITH ALL TRADES. V1 PROVIDE VOLUME DAMPER IN VERTICAL DUCTWORK TO DEVICE.
V4 SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLE PROVI BY AIR ROTATION UNIT MANUFACTURER. CONTRACTOR SHALL PROVIDE INTERCONNECTING DUCTWORK BETWE
DIFFUSER/GRILLE AND AIR ROTATION UNIT. PAINT DIFFU AND GRILLE PROVIDED BY MANUFACTURER. COORDINAT FINAL COLOR WITH ARCHITECT.
<ul> <li>V7 DUCT ROUTED UP TO FLOOR ABOVE. COORDINATE WITH STRUCTURAL IN AREA.</li> <li>V13 AIR TRANSFER WALL OPENING LOCATED ABOVE THE</li> </ul>
CEILING. COORDINATE EXACT LOCATION WITH ALL TRAD END OF DUCT OPEN TO SPACE. V16 ALTERNATE: CONTRACTOR SHALL PROVIDE MCNICHOLS
BAR GRATING STANDARD DUTY WELDED, GALVANIZED STEEL HOT DIPPED 1" x 1/8" RECTENGULAR BAR ABOVE OPENING CHASE (OR EQUAL). SUPPORT WEIGHT OF GRA
AS REQUIRED. COORDINATE WITH ARCHITECTURAL & STRUCTURAL. V18 DUCTWORK PROVIDED WITH INTERNAL LINED INSULATIO
REFER TO SPECIFICATIONS. V19 PROVIDE AND INSTALL 3" EXHAUST VENT WITH A MINIMU 1/4 INCH PER FOOT PITCH UPWARDS PER MANUFACTURI
REQUIREMENTS (FOR EACH WATER HEATER). COORDIN/ FINAL VENT DIAMETER WITH APPROVED SUBMITTALS. EXHAUST VENT MUST BE 3 FEET ABOVE THE COMBUSTION
AIR INLET, AND 2 FEET ABOVE ANY HIGHER PORTION OF THE BUILDING WITHIN 10 FEET. ROUTE FLUE UP THROUG FLOOR ABOVE, TRANSITION DUCTWORK IN CHASE AS REQUIRED. TERMINATE DUCT WITH SUPPORT COLLAR,
<ul><li>ROOF FLASHING, AND VELOCITY CONE.</li><li>V25 PROVIDE AND INSTALL 3" COMBUSTION AIR INLET PER</li></ul>
MANUFACTURER REQUIREMENTS (FOR EACH WATER HEATER). COORDINATE FINAL VENT DIAMETER WITH APPROVED SUBMITTALS. ROUTE COMBUSTION AIR DUCT THROUGH FLOOR ABOVE, TRANSITION DUCTWORK IN
CHASE AS REQUIRED. TERMINATE COMBUSTION AIR INLI WITH GOOSENECK. REFER TO DETAIL. PIPE SIZE AND INSTALLATION PER MANUFACTURERS REQUIREMENTS.

VERIFICATION NOTE CONTRACTOR 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 WITH WORK.

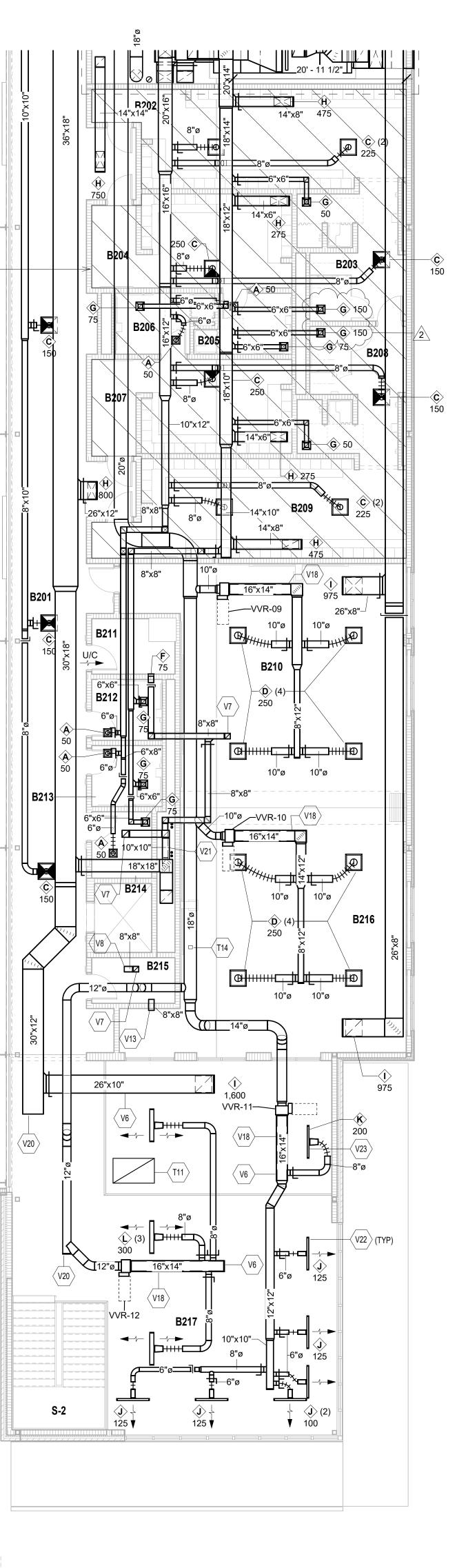




	ROOM LEGEND			ROOM LEGEND	
ROOM NO.	ROOM NAME	AREA (SF)	ROOM NO.	ROOM NAME	
101	FIELDHOUSE	54239 SF	B207	DRESSING ROOM #4	
A201	CORRIDOR	341 SF	B208	SHOWER	
202	MECHANICAL	873 SF	B209	LOCKER ROOM #4	
3201	CORRIDOR	1444 SF	B210	CLASSROOM	
3202	LOCKER ROOM #3	399 SF	B211	CUSTODIAN	
3203	SHOWER	184 SF	B212	TOILET	
3204	DRESSING ROOM #3	261 SF	B213	TOILET	
3205	TOILET	74 SF	B214	ELECTRICAL / TECHNOLOGY	
3206	TOILET	75 SF	B215	ELEVATOR EQUIPMENT	
				0"×10"	

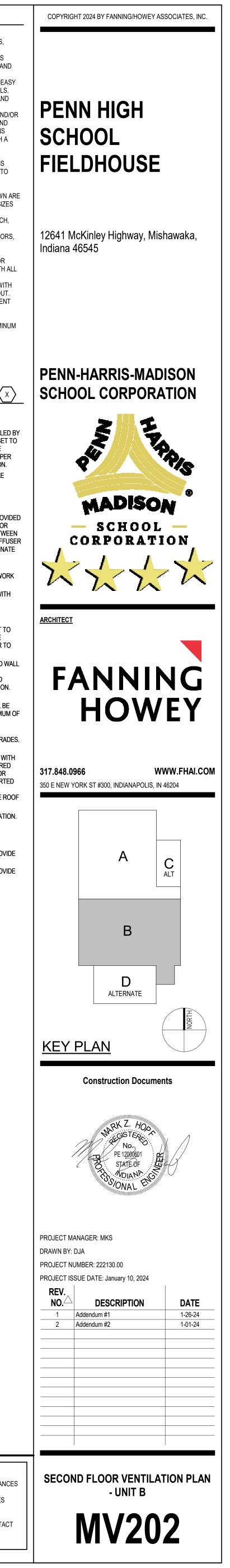
AREA (SF)
270 SF
184 SF
402 SF
842 SF
67 SF
63 SF
63 SF
58 SF
55 SF

	ROOM LEGEND	
ROOM NO.	ROOM NAME	AREA (SF)
B216	CLASSROOM	840 SF
B217	COMMONS	984 SF
S-2	STAIR	175 SF



	TILATION PLAN GENERAL NOTES
A.	ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALL UNLESS OTHERWISE NOTED.
В.	REFER TO THE SPECIFICATIONS FOR REQUIREMENT RELATED TO EQUIPMENT QUALITY, CONSTRUCTION FINISH OF MATERIALS.
C.	ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR ACCESS TO COILS, VALVES, DAMPERS AND CONTRO
	KEEP AREAS ADJACENT TO ACCESS PANELS FREE A CLEAR OF ANY OBSTRUCTIONS. SEAL DUCT PENETRATIONS THROUGH THE FLOOR A
	WALLS IN ACCORDANCE WITH MECHANICAL CODE A SMACNA REQUIREMENTS. SEAL DUCT PENETRATION
	THROUGH FIRE RATED FLOORS AND/OR WALLS WIT MATERIAL HAVING SAME FIRE RATING AS THE WALL
	AND/OR FLOOR. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR H RESPECTIVE WORK FOR REPAIRING AND PATCHING
	MATCH EXISTING SURFACES, SIDEWALKS, STREETS FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
	ALL RECTANGULAR SHEET METAL DUCT SIZES SHOW INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT S SHOWN ARE INSIDE DIAMETERS.
	PROVIDE BALANCING DAMPER AT EACH DUCT BRAN SERVING DIFFUSER, GRILLE AND REGISTER.
	INSTALL WALL THERMOSTATS, TEMPERATURE SENS HUMIDISTATS, ETC. 44" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
	COORDINATE ALL REQUIRED WALL, ROOF AND FLOO OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WI
	OTHER TRADES. COORDINATE MECHANICAL SYSTEM INSTALLATION V STRUCTURE, FIRE PROTECTION AND LIGHTING LAYO
Κ.	PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPM FROM SIZES SHOWN ON PLAN.
	ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUI IN ACCORDANCE WITH SMACNA REQUIREMENTS.
	TILATION PLAN NOTES
11	RELIEF CONTROL DAMPER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTAL
	THE MECHANICAL CONTRACTOR, CALIBRATED AND MAINTAIN A SLIGHT POSITIVE PRESSURE WITHIN TH
Г14	SPACE. TEST AND CALIBRATE RELIEF CONTROL DAM PRIOR TO CONSTRUCTION SUBSTANTIAL COMPLETION APPROXIMATE LOCATION OF DUCT STATIC PRESSUR
. 14	APPROXIMATE LOCATION OF DUCT STATIC PRESSUE SENSOR. SENSOR PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE
,.	MECHANICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH ALL TRADES.
V4	SUPPLY AIR DIFFUSERS AND RETURN AIR GRILLE PF BY AIR ROTATION UNIT MANUFACTURER. CONTRACT SHALL PROVIDE INTERCONNECTING DUCTWORK BE
	DIFFUSER/GRILLE AND AIR ROTATION UNIT. PAINT D AND GRILLE PROVIDED BY MANUFACTURER. COORD
V6	FINAL COLOR WITH ARCHITECT. PAINT DUCTWORK TO COLOR SELECTED BY THE ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTV
<b>V</b> 7	TO ENSURE PAINT ADHERES TO DUCTWORK. DUCT ROUTED UP TO FLOOR ABOVE. COORDINATE V
/8	STRUCTURAL IN AREA. END OF DUCT OPENING TO SPACE. OPENING TO BE
<b>/</b> 9	PROTECTED WITH BIRDSCREEN. BAROMETRIC RELIEF DAMPER. CALIBRATED AND SE
	MAINTAIN A SLIGHT POSITIVE PRESSURE WITHIN THI SPACE. TEST AND CALIBRATE RELIEF DAMPER PRIOD CONSTRUCTION SUBSTANTIAL COMPLETION.
V11	INSULATED SHEET METAL PLENUM MOUNTED BEHIN LOUVER. TRANSITION BOTTOM OF DUCT AT A SLOPE
	DOWNWARD TO WALL LOUVER. SEAL ALL SEAMS AN EDGES WATER TIGHT. WRAP PLENUM WITH INSULAT REFER TO DETAIL.
/12	REFER TO DETAIL. INSTALL DRIP PAN UNDER WALL LOUVER. PAN SHALI SEALED WATER TIGHT. DRIP PAN TO EXTEND A MINII
/13	8" BEYOND DUCTWORK. AIR TRANSFER WALL OPENING LOCATED ABOVE THE
/15	CEILING. COORDINATE EXACT LOCATION WITH ALL T END OF DUCT OPEN TO SPACE.
V15	COORDINATE THE INSTALLATION OF THE HVLS FANS ALL TRADES. PROPER CLEARANCES SHALL BE ADHE TO. REFER TO MANUFACTURER'S REQUIREMENTS FO
	REQUIRED CLEARANCES. THE FAN SHALL BE SUPPO AND BRACED FROM STRUCTURED STEEL MEMBERS. SUPPORT AND/OR BRACING FROM THE LIGHT GAUG
/18	PURLINS IS PROVIDED WITH INTERNAL LINED INSUL
V18 V20	DUCTWORK PROVIDED WITH INTERNAL LINED INSUL REFER TO SPECIFICATIONS. CAP DUCT AIR TIGHT FOR FUTURE ADDITION.
V21 V22	TRANSITIION DUCTWORK IN AREA WITHIN CHASE. LINEAR DIFFUSER SHALL BE IN THE POSITION TO PR
V23	AIRFLOW IN THE HORIZONTAL DIRECTION. LINEAR DIFFUSER SHALL BE IN THE POSITION TO PR
	AIRFLOW IN THE DOWNWARD DIRECTION.
	IFICATION NOTE
CONT	RACTOR SHALL VERIFY ALL DIMENSIONS AND CLEAR ALL EXISTING FIELD CONDITIONS BEFORE STARTING
CONT AND A CONS	RACTOR SHALL VERIFY ALL DIMENSIONS AND CLEAF

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



															AIR	R HANDLING	UNIT SCHED	ULE																			
		IDENTITY			SUPPLY FAN			SUPPLY	FAN				EXHAUST FAN		ELECTR	RICAL			C	DOLING		1		DX COIL	L			HEATING			н	OT WATER CO	IL	UNI	T SIZE (IN)		
MARK	MFG	MODEL	LOCATION	AREA SERVED	EQUIPMENT NOMINAL (CFM)	OUTSIDE AIR (CFM)	TYPE	ESP (IN-WG)	FAN RPM DRIVE	Moto HP	R AIRFLOW (CFM)	TYPE E	SP (IN-WG) FAN RPM DRIVE	MOTOR HP VFD	VOLT.	РН	TOT. CAP. (BTU/H)	SENS. CAP. (BTU/H)	EAT DB EA (°F)	T WB LAT °F) DB (°F)	LAT WB API (°F)	D (IN-WG)	FACE VEL. (FPM)	REFRIG.	SST (°F)	CAP. (BTU/H)	EAT LAT DB DB (°F) (°F)	B	APD (IN-WG)	FACE VEL. (FPM)	EWT LW (°F) (°F)	T WPD (FT-V	(GPM)	L	w н	OPER. WT (LB)	NOTES
AHU-1	TRANE	CSAA025	MECHANICAL ROOM	COMMONS	8500	1950	PLENUM	2.50	1753 DIRECT	15	/es				460 V	3	304	217	77.2 6	4.3 52.5	51.3	0.61	410	R-410A	45	319	2 55 90	HEATING HOT WATER	0.08	421	180 140	0 1.73	16.0	2 133	80 56	2396	1,2,3,4,5,7,8,9,10,12
AHU-2	TRANE	CSAA010	MECHANICAL ROOM	LOCKERS	4750	4750	PLENUM	1.50	2563 DIRECT	7.5	/es 5,700	PLENUM	1.5 2256 DIRECT	5 Yes	460 V	3	185	132	77.1 6	4.6 53.0	52.2	0.66	407	R-410A	45	217	46 95	HEATING HOT WATER	0.11	445	180 140	0 1.10	11.0	199	67 87	3603	1,3,4,5,6,7,8,10,11,12,13
AHU-3	TRANE	CSAA021	MECHANICAL ROOM	WRESTLING	8000	2800	PLENUM	0.80	2110 DIRECT	15	/es				460 V	3	311	210	78.6 6	5.3 56.4	54.3	0.55	456	R-410A	45	502	46 104	HEATING HOT WATER	0.12	403	180 140	0.28	25.0	135	80 56	2463	1,2,3,4,5,6,7,8,10
AHU-4	TRANE	CSAA017	MECHANICAL ROOM	DANCE	6000	1350	PLENUM	0.80	1433 DIRECT	5	ſes				460 V	3	142	116	76.8 6	4.0 53.8	52.1	0.44	439	R-410A	45	258	55 95	HEATING HOT WATER	0.10	480	180 140	2.88	13.0	133	72 45	1803	1,2,3,4,5,6,7,8,10
NOTE:						NC	DTE:																														

**IDENTITY DATA** 

MODEL

AHU-2 TRANE CSAA010 LOCKERS 4,750

MFG

REFER TO SPECIFICATION SECTION 23 73 13. FACTORY MOUNTED VARIABLE FREQUENCY CONTROLLER (VFC) SHALL BE PROVIDED ON SUPPLY

FAN. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR VFC'S. REFER TO PLANS & SCHEMATIC SHEETS FOR UNIT LAYOUT DETAILS.

PROVIDE FACTORY MOUNTED CONVENIENCE OUTLETS AND INTERNAL LIGHTS AT EACH ACCESS DOOR. PROVIDE CONVENIENCE OUTLET AND LIGHTS ON SEPARATE CIRCUIT.

SINGLE POINT ELECTRICAL CONNECTION TO UNITS. 6 INSTALL HEATING COIL IN RE-HEAT POSITION.

					AIR	-COOLED CONDE	NSING UNIT SCHEDUL	E								
	IDENTITY D	ATA				PERFO	RMANCE DATA	COM	PRESSOR	DATA	CONDENSER FAN DATA	ELEC.	TRICAL	DATA		
MARK	MANUFACTURER	TONNAGE	WEIGHT (LBS)	LOCATION	CAPACITY (TONS)	REFRIG TYPE	SAT. CONDENSER TEMP	AMBIENT TEMP	QTY	MCA	MOCP	QTY	VOLT	РН	FREQ	NOTES
ACCU-1	TRANE	30 TON	1,936	ROOF	383.2	R410A	43 °F	95 °F	2	63	80	3	460	3	60	1,2,3,4,6,7,9
ACCU-2	TRANE	15 TON	705	ROOF	184.5	R410A	45 °F	95 °F	2	32	40	2	460	3	60	1,2,3,4,6,7,9
ACCU-3	TRANE	20 TON	771	OUTSIDE	286.9	R410A	45 °F	95 °F	2	40	50	2	460	3	60	1,2,3,5,6,7,8
ACCU-4	TRANE	25 TON	1,921	OUTSIDE	316.2	R410A	45 °F	95 °F	1	52	70	3	460	3	60	1,2,3,5,6,7,8
ACCU-5	TRANE	60 TON	3,462	OUTSIDE	786.9	R410A	45 °F	95 °F	4	120	125	6	460	3	60	1,2,3,5,6,7,8
ACCU-6	TRANE	60 TON	3,462	OUTSIDE	786.9	R410A	45 °F	95 °F	4	120	125	6	460	3	60	1,2,3,5,6,7,8

NOTE: REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

INCLUDE THE FOLLOWING ACCESSORIES, HIGH AMBIENT UNLOADER PRESSURE STAT. PROTECTIVE COIL GUARDS COMPLETELY AROUND ENTIRE UNIT, PHASE LOSS/VOLTAGE PROTECTION AND VIBRATION ISOLATORS.

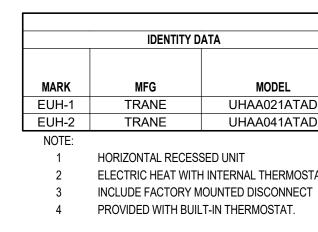
UNIT SHALL INCLUDE FROST PREVENTION DEVICE TO BE INSTALLED AT COIL. UNIT SHALL BE INSTALLED ON ROOF SUPPORT RAILS WITH VIBRATION ISOLATORS. COORDINATE EXACT LOCATION IN FIELD.

NOTE: UNIT SHALL BE INSTALLED ON 6" CONCRETE HOUSEKEEPING PAD WITH VIBRATION ISOLATORS. COORDINATE EXACT LOCATION IN FIELD. 5 INSTALL REFRIGERANT PIPING SIZ SINGLE POINT POWER CONNECTION. PROVIDE COMPRESSOR BLANKETS FOR SOUND ATTENUATION. 8 PROVIDE WITH SCCR RATING OF 10KAIC OR ABOVE. 9

12

							CABINE	r unit he	ATER S	CHEDULE													
IDENTITY DATA LOCATION							LOCATION UNIT DIMENSIONS					HEATING PERFORMANCE				HW COIL				ELEC			
MARK	MFG	MODEL	WEIGHT (LBS)	ТҮРЕ	#	NAME	w	L	Н	CFM	HP	HEAT SOURCE	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	FLOW (GPM)	EWT (°F)	LWT (°F)	WPD (FT)	VOLTS	РН	FREQ	NOTES
CUH-1	TRANE	FFHB0201	78	VERTICAL RECESSED	A104	TRAINING	25"	35"	10"	300	0.05	HOT WATER	16,240	60	110	0.5	180	115	1.4	277 V	1	60	1,2,4,5,6
CUH-2	TRANE	FFHB0601	128	HORIZONTAL CEILING RECESSED	B120	VESTIBULE	25"	35"	10"	600	0.1	HOT WATER	36,940	60	116.8	1.5	180	130.7	2.8	277 V	1	60	1,2,3,5,6,7
NOT	E:					NOTE:																	
1	COLOR TO BE	5	UNIT FL	JRNISHE	D WITH .	ADJUSTA	BLE LOUV	ER FIN DIFFUSERS T	TO PROVIDE DIREC	TIONAL AIF	R FLOW CO	ONTROL.											
2	INCLUDE FAC	6	LOW VC	DLTAGE \	VALL MO	OUNTED 2	STAGE T	EMPERATURE SENS	OR BY THE TCC.														
3 UNIT SCHEDULED WITH BOTTOM STAMPED INLET AND OUTLET. 7										M STRUC	TURE ABO	VE WITH MINIMUM C	OF FOUR (4), 3/8" DI	AMETER TH	IREADED	RODS							

4 UNIT SCHEDULED WITH FRONT STAMPED INLET AND OUTLET.



	IDENTITY DAT		FAN DATA	١	HE4		HW	COIL		ELEC	ATA	ł					
MARK	MFG	MODEL	CFM	QTY	HP	HEAT SOURCE	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	FLOW (GPM)	EWT (°F)	LWT (°F)	WPD (FT)	VOLTS	PH	FREQ	NOTES
PUH-1	TRANE	UHS-024	450	1	0.05	HOT WATER	20,570	60	109	2	180	160	0.01	120 V	1	60	1,2,3,4
PUH-2	TRANE	UHS-018	395	1	0.05	HOT WATER	15,430	60	102	1.5	180	160	0.01	120 V	1	60	1,2,3,4
PUH-3	TRANE	UHS-018	395	1	0.05	HOT WATER	15,430	60	102	1.5	180	160	0.01	120 V	1	60	1,2,3,4
PUH-4	TRANE	UHS-018	395	1	0.05	HOT WATER	15,430	60	102	1.5	180	160	0.01	120 V	1	60	1,2,3,4
PUH-5	TRANE	UHS-036	550	1	0.05	HOT WATER	30,850	60	119	3	180	160	0.01	120 V	1	60	1,2,3,4
PUH-6	TRANE	UHS-036	550	1	0.05	HOT WATER	30,850	60	119	3	180	160	0.01	120 V	1	60	1,2,3,4

6

1 SUPPORT HEATER FROM STRUCTURE ABOVE WITH A MINIMUM OF (2) 3/8" DIAMETER THREADED RODS UNIT FURNIISHED WITH ADJUSTABLE LOUVER FIN DIFFUSES TO PROVIDE DIRECTIONAL AIR FLOW CONTROL. 2 3 INCLUDE FACTORY MOUNTED DISCONNECT 4 REFER TO SPECIFICATION SECTION 233423 FOR ADDITIONAL REQUIREMENTS.

		IA		
MARK	MANUFACTURER	MODEL	WEIGHT	
CF-1	Big Ass Fans	PFX4-14	130 lb	HIGH V
CF-2	Big Ass Fans	PFX4-14	130 lb	HIGH V
NOTES:				
1	REFER TO SPECIFICATION SE	ECTION 233423 FOR /	ADDITIONAL F	REQUIREME
2	COLOR SHALL BE PROVIDED ARCHITECT/ENGINEER.	FROM MANUFACTUR	RER'S FULL R	ANGE OF C
3	MOUNT BOTTOM AT 10'-0" AF	F.		
4	VFC SHALL BE FACTORY MOU	JNTED TO THE MOTO	OR AND WALL	MOUNTED

																AIR R	DTATION U	INIT SCHED	DULE													
	IDENTITY	(	SUPPLY FAN			SUP	PPLY FAN					ELECT	RICAL					COOLING	3			DX	COIL			HEATING	G			UNIT SIZE (	(IN)	
MARK	LOCATION	AREA SERVED	EQUIPMENT NOMINAL (CFM)	MIN OSA (CFM)	TSP (IN-WG)	FAN RPM	DRIVE	B	MOTOF BHP HP	VFD	MCA	МОСР	VOLT.	PH	TOT. CAP. (BTU/H)	SENS. CAP. (BTU/H)	EAT DB (°F)		LAI	LAT WB APD (IN-V (°F)	G) FAC (FP		SST (°F)	GAS INPUT (MBH)	GAS OUTPUT (MBH)	EAT DB (°F)	LAT DB (°F)	DESCRIPTION	L	w	н	NOTES
ARU-1	OUTSIDE	FIELDHOUSE	20000	10000	2.50	1375	DIREC	T 12	2.6 20	Yes	36 A	40 A	460 V	3	787	544	81	68	59	59 0.33	40	9 R-410A	45	1800	1458	35	100	GAS FIRED HEATING COIL	83	105	329	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
ARU-2	OUTSIDE	FIELDHOUSE	20000	10000	2.70	1375	DIREC	CT 12	2.6 20	Yes	36 A	40 A	460 V	3	787	544	81	68	59	59 0.33	40	9 R-410A	45	1800	1458	35	100	GAS FIRED HEATING COIL	83	105	329	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15
NOTES:												NOTE	S:											NOT	ES:							

BASIS OF DESIGN: JOHNSON AIR ROTATION. REFER TO PLANS & SCHEMATIC SHEETS FOR UNIT LAYOUT DETAILS.

3 REFER TO SPECIFICATION SECTION 237413. 4 FACTORY MOUNTED VARIABLE FREQUENCY CONTROLLER (VFC) SHALL BE PROVIDED ON THE SUPPLY FAN(S).

MAXIMUM COOLING COIL FACE VELOCITY SHALL BE 500 FPM. MAXIMUM FILTER FACE VELOCITY SHALL BE 500 FPM. PROVIDE CONVENIENCE OUTLET AND LIGHTS ON A SEPARATE CIRCUIT. 8 SINGLE-POINT POWER CONNECTION.

9 INCLUDE FACTORY MOUNTED DISCONNECT SWITCH.

AREA SERVED

CFM

IN

7 MAXIMUM FILTER FACE VELOCITY SHALL BE 550 FPM.

8 MAXIMUM COOLING COIL FACE VELOCITY SHALL BE 550 FPM. 9 UNIT SHALL INCLUDE FACTORY MOUNTED BELLMOUTH FITTINGS.

10 INCLUDE FACTORY MOUNTED RETURN AND OUTSIDE AIR DAMPERS.

11 FIELD MOUNTED VARIABLE FREQUENCY CONTROLLER (VFC) SHALL BE PROVIDED ON SUPPLY/EXHAUST FAN. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR VFC'S.

PROVIDE WITH SCCR, RATING OF TOKAIC OR ABOVE. 13 MINIMUM OF 3325 SUPPLY CFM & MINIMUM 4000 EXHAUST CFM

					H	IEAT EXCH	IANGER C	RITERIA &	PERFOR	MANCE				DESIC	GN & RAT	ED HEATI	NG PERFORMANC	E		FUEL		ELECTRICAL	CRITERI	A & PERF	ORMANCE		
TAG	TYPE MANUF. MO		MODEL				HHS FLOV	V		1.14/7	V	/PD	CAPAC	ITY		MAXIN	MUM	DEGION		MIN			SINGLE	POINT		WEIGHT	NOTES
IAG	ITE		WODEL	SOLUTION TYPE	(%)	DESIGN	MIN	MAX	EWT (°F)	LWT (°F)	DESIGN	MAX	DESIGN	MIN (%)	TEMP	RISE	PRESSURE	DESIGN EFFICIENCY (%)	TYPE	MIN (IN.WC)	MAX (IN.WC)	SE	RVICE		FLA	(LBS)	NUTES
						(GPM)	(GPM)	(GPM)	('')	( ' '	(FT.HD)	(FT.HD)	(MBH)	WIIN (70)	(°F)	(°F)	(PSIG)			(11.110)	(114.440)	(VOLTS)	(HZ)	(PH)	(AMPS)		
BLR-1	CONDENSING BOILER	AERCO	BMK 1500	WATER	100	75	25	250	140	180	5	10	1,500	5	190	130	160	96.8	FM	4	14	120	60	1	16	1,610	1,2,3,4
BLR-2	CONDENSING BOILER	AERCO	BMK 1500	WATER	100	75	25	250	140	180	5	10	1,500	5	190	130	160	96.8	FM	4	14	120	60	1	16	1,610	1,2,3,4

REFER TO PROJECT MANUAL SECTION. SINGLE POINT POWER CONNECTION

ELECTRICAL REQUIREMENTS VARY BY UNIT MANUFACTURER. PROVIDE DEDICATED 120V POWER CONNECTION FOR CONTROL PANEL.

TAG

IN FIELD.	
SIZES AND QUANTITIES PER MANUFACTURERS REQUIREMENTS.	

AND VIBRATION ISOLATORS.

			ELE	ECTRIC UNIT HEATEI	R SCHEDI	JLE						
ITY D	ATA	FAN	DATA	HEATING PER	RFORMAN	ICE	ELEC	CTIC HEAT	ELEC	TRICAL D	ATA	
	MODEL	CFM	HP	HEAT SOURCE	EAT (°F)	LAT (°F)	kW	NO. OF CONTOL STEPS	VOLTS	РН	FREQ	NOTES
	UHAA021ATAD	175	0	ELECTRIC	60	100	2	1	208 V	1	60	1,2,3,4
	UHAA041ATAD	175	0	ELECTRIC	60	100	4	1	208 V	1	60	1,2,3,4

# ELECTRIC HEAT WITH INTERNAL THERMOSTAT.

HIGH VOLUME	LOW SPEED CEI	LING FAN S	SCHEDULE							
			LOCATION		MAX	I	ELECTRICAL	DATA		
TYPE	DRIVE	#	NAME	DIA.	RPM	WATTS	VOLTS	PH	FREQ	NOTES
VOLUME LOW SPEED	DIRECT	A101	FIELDHOUSE	14'	94	750	480 V	3	60	1,2,3,4,5,6,7,8
VOLUME LOW SPEED	DIRECT	A101	FIELDHOUSE	14'	94	750	480 V	3	60	1,2,3,4,5,6,7,8
		NOTES								

MENTS. F COLORS AS SELECTED BY

ED CONTROLLER.

COORDINATE LOCATION OF FAN AND ALL ASSOCIATED COMPONENTS WITH ALL TRADES. 5 FANS SHALL BE INTERLOCKED TO SHUT DOWN IMMEDIATELY UPON RECEIVING A WATERFLOW SIGNAL FROM THE FIRE ALARM SYSTEM. COORDINATE WITH DIVISION 28.

INCLUDE WALL MOUNTED PUSH BUTTON CONTROLLERS.

REMOTE TOUCH SCREEN LED WALL MOUNTED SPEED CONTROLS BY UNIT MANUFACTURER. CONTROLS SHALL BE CAPABLE OF CONTROLLING ALL THREE FANS FROM A SINGLE CONTROLLER.

			EXTERIO	R LOUVER SC	HEDULE		
IDENTITY DATA	MAX AIRFLOW (CFM)	TOP OF LOUVER ELEVATION	NECK SIZE	MIN FREE Area (SF)	FREE AREA VELO. (FPM)	LOUVER TYPE	NOTES
MARK				ANLA (SI')			
WL-A1	8,500	25' - 4 3/4"	60"x48"	9.0	944 FPM	OUTSIDE AIR	1,2,3,4,5
WL-A2	5,000	-186' - 10 3/4"	48"x36"	5.4	926 FPM	OUTSIDE AIR	1,2,3,4,5
WL-A3	10,000	29' - 3 3/4"	120"x64"	24.0	417 FPM	RELIEF AIR	1,2,3,4,5
WL-A4	10,000	29' - 3 3/4"	120"x64"	24.0	417 FPM	RELIEF AIR	1,2,3,4,5
WL-A5	10,000	29' - 3 3/4"	120"x64"	24.0	417 FPM	RELIEF AIR	1,2,3,4,5
WL-B1	10,000	29' - 3 3/4"	120"x64"	24.0	417 FPM	RELIEF AIR	1,2,3,4,5
WL-D1	8,000	10' - 0 3/4"	60"x48"	9.0	889 FPM	OUTSIDE AIR	1,2,3,4,5
WL-D2	6,000	24' - 10 3/4"	60"x36"	6.8	889 FPM	OUTSIDE AIR	1,2,3,4,5
WL-D3	3,250	12' - 10 3/4"	60"x28"	5.3	619 FPM	EXHAUST AIR	1,2,3,4,5
WL-D4	4,750	12' - 11 3/4"	120"x28"	10.5	452 FPM	RELIEF AIR	1,2,3,4,5
WL-D5	4,750	12' - 11 3/4"	120"x28"	10.5	452 FPM	RELIEF AIR	1,2,3,4,5

1 REFER TO PROJECT MANUAL SECTION 089000.

NOTE:

2 SEAL ALL AROUND WITH SILICONE.

3 REFER TO INSTALLATION DETAILS ON ARCHITECTURAL DRAWING.

4 CUSTOM COLOR AS SELECTED BY ARCHITECT/ENGINEER. 5 COORDINATE SIZE AND LOCATION WITH ALL TRADES.

	IDENTITY	DATA		AIR FLO	W (CFM)		SOUND			H	IEATING				HOT WATER	COIL		UNIT	
MARK	MFG	MODEL	INLET SIZE	MIN FLOW	MAX FLOW	N RAD	IC DISCH	ATTEN	CAP. (BTU/H)	EAT (°F)	LAT (°F)	DESCRIPTION	EWT (°F)	LWT (°F)	APD (IN-WG)	WPD (FT-WG)	FLOW (GPM)	WT (LB)	NOTES
VR-01	TRANE	VCWF08	8"	500	250	27	20	Yes	21690	55	97	HEATING HOT WATER	180	144	0.28	0.13	1.25	31	1,2,3,4,5,6,7,8
VVR-02	TRANE	VCWF10	10"	625	313	24	22	Yes	31500	55	102	HEATING HOT WATER	180	130	0.19	0.27	1.25	42	1,2,3,4,5,6,7,8
VVR-03	TRANE	VCWF08	8"	450	225	26	20	Yes	19110	55	95	HEATING HOT WATER	180	142	0.20	0.09	1.00	31	1,2,3,4,5,6,7,8
VVR-04	TRANE	VCWF08	8"	400	200	26	20	Yes	19110	55	95	HEATING HOT WATER	180	142	0.20	0.09	1.00	31	1,2,3,4,5,6,7,8
VVR-05	TRANE	VCWF10	10"	600	300	24	22	Yes	26030	55	103	HEATING HOT WATER	180	130	0.18	0.27	1.25	42	1,2,3,4,5,6,7,8
VVR-06	TRANE	VCWF06	6"	225	113	26	20	Yes	12520	55	106	HEATING HOT WATER	180	130	0.16	0.17	0.50	28	1,2,3,4,5,6,7,8
VVR-07	TRANE	VCWF08	8"	400	200	26	20	Yes	19110	55	99	HEATING HOT WATER	180	142	0.20	0.09	1.00	31	1,2,3,4,5,6,7,8
VVR-08	TRANE	VCWF10	12"	900	450	24	23	Yes	39150	55	100	HEATING HOT WATER	180	135	0.28	0.51	1.75	42	1,2,3,4,5,6,7,8
VVR-09	TRANE	VCWF12	12"	1000	500	26	21	Yes	46670	55	98	HEATING HOT WATER	180	133	0.23	0.24	2.00	53	1,2,3,4,5,6,7,8
VVR-10	TRANE	VCWF12	12"	1000	500	26	21	Yes	46670	55	98	HEATING HOT WATER	180	133	0.23	0.24	2.00	53	1,2,3,4,5,6,7,8
VVR-11	TRANE	VCWF12	12"	900	450	26	21	Yes	45060	55	100	HEATING HOT WATER	180	134	0.22	0.24	2.00	53	1,2,3,4,5,6,7,8
VVR-12	TRANE	VCWF12	12"	900	450	25	21	Yes	45060	55	101	HEATING HOT WATER	180	135	0.20	0.24	2.00	53	1,2,3,4,5,6,7,8
/VR-13	TRANE	VCWF12	12"	1000	500	26	21	Yes	46670	55	95	HEATING HOT WATER	180	133	0.23	0.18	2.00	53	1,2,3,4,5,6,7,8

12 MAXIMUM NOISE LEVEL SHALL BE 70 dBA WHEN STANDING 10' AWAY AT GROUND LEVEL.

13 STAINLESS STEEL HEAT EXCHANGER. 14 20:1 TURN DOWN - GAS HEATER.

15 CUSTOM COLOR AS SELECTED BY THE ARCHITECT/ENGINEER.

						AIR-TO-	-AIR ENE	RGY REC	OVERY EC	QUIPMENT S	CHEDULE													
			SU	PPLY AIR	DATA								EXH	IAUST AII	R DATA						HE	AT WHI	EL	
AIR F	R FLOW SUMMER WINTER CFM EAT (°F) LAT (°F) EAT (°F) LAT (°							AIR F	LOW		SUM	MER			WIN.	TER		APD	ELE	ECTRIC	AL	NOTES		
CFM	CFM	EAT	(°F)	LAT	(°F)	EAT	Г (° <b>F</b> )	LAT	(°F)	CFM	CFM	EAT	(°F)	LAT	(°F)	EAT	(°F)	LAT	(°F)	in-(wg)	v	PH	Hz	NOTES
IN	OUT	DB	WB	DB	WB	DB	WB	DB	WB		- OUT	DB	WB	DB	WB	DB	WB	DB	WB		v	FN	п	
4,750	5,004	88.1	72.7	77.1	64.6	-2	-3	51.2	42.3	5,935	5,700 ک	74	61.7	82.9	68.8	72	55	24	23.2	1.00	460	3	60	1,3,4,5,6,7,8,10,11,12,13
									C			2												

2 HEATING COIL DESIGN BASED ON HIGH-EFFICIENCY, HOT WATER COIL, UNLESS OTHERWISE NOTED. 3 PROVIDE NUMBER OF COIL ROWS AS REQUIRED TO MEET MBH. COILS MAY REQUIRE 4-ROW. 4 UNIT MANUFACTURER SHALL PROVIDE REQUIRED HANGING BRACKETS TO PROPERLY SUPPORT UNIT.

5 UNIT SELECTION MUST ALLOW FOR A MINIMUM OF 0.40" DOWNSTREAM STATIC PRESSURE. 6 COILS SHALL BE SELECTED WITH 10' WPD MAXIMUM.

TRANSFORMER AND DISCONNECT. DISCONNECT TO BE TOTALLY ENCLOSED EXTERNAL FROM VAV CONTROL PANEL BOX. DISCONNECT SHALL DE-ENERGIZE ALL POWER IN CONTROL PANEL. 8 NOISE LEVELS ARE NOT TO EXCEED 20 NC

9 PROVIDE FACTORY-MOUNTED AND PRE-PROGRAMMED, PRESSURE-INDEPENDENT, BACNET DDC CONTROLLER WITH AIRFLOW MEASUREMENT

					GRAVITY	VENTILATOR S	CHEDULE									
	IDENTIT	Y DATA		LOCATION	MAX	MINIMUM	MAX	THROA	T SIZE	OVE	ERALL S	SIZE	DAMPER MOTOR	DRIP	WEIGHT	NOTES
MARK	MANUFACTURER	MODEL	TYPE	LUCATION	VELOCITY	FREE AREA	AIRFLOW	W	L	W	L	Н	OPERATED	PAN	(LBS)	NOTES
RV-A1	GREENHECK	FGR	EXHAUST AIR	ROOF	1000 FPM	5.3 SF	5200 CFM	18"	42"	32"	63"	28"	NO	NO	81	1,2,3,4,5
RV-B1	GREENHECK	FGR	RELIEF AIR	ROOF	590 FPM	14.5 SF	8500 CFM	36"	58"	62"	75"	31"	YES	YES	168	1,2,3,4,5,6
RV-D1	GREENHECK	FGR	RELIEF AIR	ROOF	600 FPM	10.0 SF	6000 CFM	30"	48"	34"	63"	28"	YES	YES	89	1,2,3,4,5,6
NOTE:																

1 REFER TO PROJECT MANUAL SECTION 233723 2 HOODS TO BE MOUNTED ON MINIMUM 12" HIGH ROOF CURB.

3 COLOR SHALL BE PROVIDED FROM MANUFACTURER'S FULL RANGE OF COLORS AS SELECTED BY ARCHITECT/ENGINEER.

4 UNITS TO BE PROVIDED WITH A HINGE BASE KIT. 5 CONTROL DAMPER PROVIDED BY TEMPERATURE CONTROL CONTRACTOR WHERE REQUIRED.

6 DRIP PAN TO EXTEND A MINIMUM OF 6" ON EACH SIDE OF HOOD

				EXH	AUST FAN SO	CHEDULE								
	IDENTITY D	ATA				PERFOR	MANCE DATA	Ň	ELECT	RICAL [	DATA			
MARK	MANUFACTURER	MODEL	WEIGHT (LBS)	ТҮРЕ	CFM	RPM	ESP (IN-WG)	MOTOR HP	VOLTS	РН	FREQ	SONES	CONTROLS	NOTES
EF-A1	GREENHECK	G-90-VG	29	ROOF MOUNTED	500	1185	0.13	1/10	120 V	1	60	4.7	С	1,2,4,5,6,7,8
EF-B1	GREENHECK	G-060-VG	19	ROOF MOUNTED	150	1600	0.2	1/15	120 V	1	60	4.0	A	1,2,4,5,6,7,8
EF-B2	GREENHECK	G-080-VG	28	ROOF MOUNTED	300	1290	0.2	1/10	120 V	1	60	5.3	D	1,2,4,5,6,7,8
EF-B3	GREENHECK	G-060-VG	19	ROOF MOUNTED	150	1600	0.2	1/15	120 V	1	60	4.0	C	1,2,4,5,6,7,8
EF-C1	GREENHECK	SQ-100-VG	45	INLINE	1,200	1560	0.25	1/4	120 V	1	60	9.9	С	1,2,3,4,7,8
EF-D1	GREENHECK	SQ-160-VG	147	INLINE	3,250	1200	0.25	1	208 V	3	60	14	B.1	1,2,3,4,7,8
NOTE:					NO	ES:								

INCLUDE DISCONNECT SWITCH. INCLUDE BACKDRAFT DAMPER.

SUPPORT FROM STRUCTURE ABOVE WITH VIBRATION ISOLATORS. REFER TO SPECIFICATION SECTION 233423 FOR ADDITIONAL REQUIREMENTS

MOUNT ON 12" HIGH ROOF CURB.

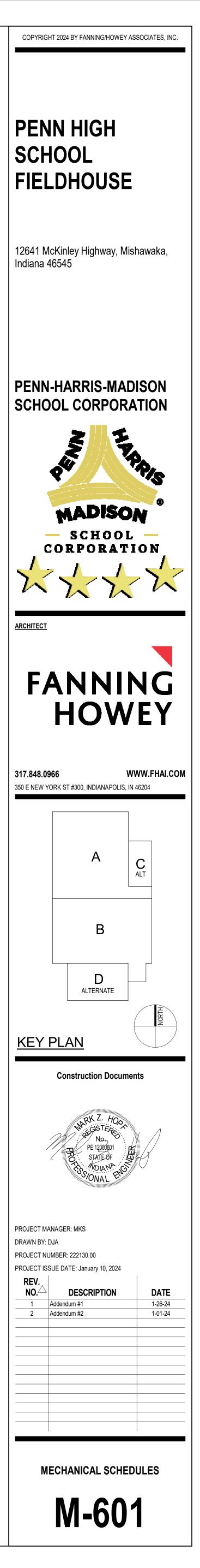
INSTALL DRIP PAN UNDER UNIT.

INCLUDE SPEED CONTROL AND FACTORY MOUNTED DISCONNECT. 8 STANDARD COLOR AS SELECTED BY ARCHITECT/ENGINEER.

A AUTOMATIC OCCUPIED OPEATION BY LOCAL TEMPERATURE CONTROL ZONE B TIMER SWITCH CONTROL BY DIVISION 26 .1 WITH TIMER SWITCH

.2 WITH LIGHTS

.3 WITH LOCAL SWITCH AUTOMATIC OPERATION BY REVERSE ACTING THERMOSTAT INTERLOCK EXHAUST FAN WITH POPCORN MACHINE D



^{10 2&}quot; MERV 8 FILTERS. 11 FACTORY MOUNTED OUTSIDE AND RETURN AIR DAMPERS SIZED FOR 100% AIRFLOW.

			C	DIFFUSER, REGI	STER, AND GRILLE	SCHEDULE			
MARK	TYPE	EXAMPLE MANUFACTUER MODEL NO.	NECK SIZE	OVERALL SIZE L"xW"	MAX CORE/ NECK VEL.(FPM)	MAX. CFM	MAX. NOISE CRITERIA	FRAME/ MOUNTING	REMARKS
A	SQUARE PLAQUE CEILING DIFFUSER	TITUS OMNI	6"	12"x12"	800	150	21	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWING
В	SQUARE PLAQUE CEILING DIFFUSER	TITUS OMNI	6"	24"x24"	800	150	20	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWING
С	SQUARE PLAQUE CEILING DIFFUSER	TITUS OMNI	8"	24"x24"	800	300	20	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWING
D	SQUARE PLAQUE CEILING DIFFUSER	TITUS OMNI	10"	24"x24"	800	500	20	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWING
Е	SIDEWALL- SUPPLY GRILLE	TITUS 300RL	-	SEE FLOOR PLANS FOR SIZE	500	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLA
F	SIDEWALL- RETURN GRILLE	TITUS 350FL	-	SEE FLOOR PLANS FOR SIZE	300	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	FIXED 35 (DEGREE) DEFLECTION BLADES
G	RETURN/AIR TRANSFER GRILLE	TITUS 355	-	12"x12"	500	450	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOU BORDER FOR DUCTED INSTALLATIO
Н	RETURN/AIR TRANSFER GRILLE	TITUS 355	-	24"x12"	500	850	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOU BORDER FOR DUCTED INSTALLATIO
I	RETURN/AIR TRANSFER GRILLE	TITUS 355	-	24"x24"	500	1600	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOU BORDER FOR DUCTED INSTALLATIO
J	LINEAR DIFFUSER SUPPLY	TITUS FL-10	6"	48" x 2-3/4"	-	175	20	DUCT - W/ SAFETY CHAIN REFER TO FLOOR PLAN	HIGHTHROW W/INSULATED PLENU 1.0" SLOT WIDTH, TOTAL OF 1 SLO
К	LINEAR DIFFUSER SUPPLY	TITUS FL-10	8"	48" x 2-3/4"	-	250	20	DUCT - W/ SAFETY CHAIN REFER TO FLOOR PLAN	JETTHROW W/INSULATED PLENUN 1.0" SLOT WIDTH, TOTAL OF 1 SLO
L	LINEAR DIFFUSER SUPPLY	TITUS FL-10	8"	48" x 6-1/16"	-	325	20	DUCT - W/ SAFETY CHAIN REFER TO FLOOR PLAN	HIGHTHROW W/INSULATED PLENU 1.0" SLOT WIDTH, TOTAL OF 2 SLO
М	SIDEWALL- SUPPLY GRILLE	TITUS 300RL	-	SEE FLOOR PLANS FOR SIZE	500	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLA
N	SIDEWALL- RETURN GRILLE	TITUS 350FL	_	SEE FLOOR PLANS FOR SIZE	300	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	FIXED 35 (DEGREE) DEFLECTION BLADES

							Ρ	UMP SC	HEDULE								
MARK	MARK       SYSTEM SERVED       TYPE       MIN       GPM       HEAD       MIN       BHP@       SUCT.       IMPELLER       MOTOR       MOTOR       MANU         MARK       SYSTEM SERVED       TYPE       MIN       GPM       HEAD       FT.       MIN       BHP@       SUCT.       IMPELLER       IMPELLER       RPM       HP       VOLT       PH															WEIGHT	NOTES
			GPM		FT.	%	FLOW	DISCH.	DIAMETER	RPM	HP	VOLT	PH	-	NUMBER	(LBS.)	
HWP-1	PRIMARY HEATING HOT WATER	CLOSE COUPLED IN-LINE	0	75	22	52.9	0.77	NA	NA	2716	1	208	1	BELL & GOSSETT	ecocirc XL 40-200	37	1,2
HWP-2	PRIMARY HEATING HOT WATER	CLOSE COUPLED IN-LINE	0	75	22	52.9	0.77	NA	NA	2716	1	208	1	BELL & GOSSETT	ecocirc XL 40-200	37	1,2
HWP-3	SECONDARY HEATING HOT WATER	BASE MOUNTED END SUCTION	9	60	53	55.4	1.42	1.5x1.5	8.75	1800	3	208	3	BELL & GOSSETT	E-80 1.5x1.5x9.5B:182JM	180	1,3,4,5
HWP-4	SECONDARY HEATING HOT WATER	BASE MOUNTED END SUCTION	9	60	53	55.4	1.42	1.5x1.5	8.75	1800	3	208	3	BELL & GOSSETT	E-80 1.5x1.5x9.5B:182JM	180	1,3,4,5
NOTES:							· · · ·						, , ,			· · · ·	

1. REFER TO PROJECT MANUAL SECTION 232123.

2. PUMP CONTROLLED VIA ECM MOTOR.

3. PUMP CONTROLLED BY VARIABLE FREQUENCY CONTROLLER. 4. SECONDARY PUMPS WILL OPERATE IN PARALLEL. PUMP SHALL BE SIZED SUCH THAT IT DOES NOT RUN OFF ITS CURVE, WHEN OPERATING ALONE OUT AT THE SYSTEM CURVE. 5. SINGLE POINT POWER CONNECTION TO THE PUMP. PUMP DISCONNECT AND WIRING BETWEEN PUMP AND VFC BY DIVISION 26.

MARK NO.	SYSTEM	APPROX. SYSTEM		∕I TEMP. GE °F	PRV FILL PRESSURE		ERATING IRE PSIG	MIN. TANK	MIN. ACCEPT.	100% OPER.	TANK MANUFACTURER		AIR SE	PARATOR	AIR SEPARATOR MANUFACTURE
		VOLUME GAL.		E MIN. MAX. AT TANK RELIEF AT EXP PSIG VALVE TANK	AT EXP. TANK	VOLUME GAL.	VOLUME GAL.	WEIGHT LBS.	& MODEL NO.	SIZE	GPM	WPD FLOODED WEIGHT			
ET-1 AS-1	HEATING HOT WATER	336	50	200	20	60	55	26	26	320	BELL & GOSSETT B110	3"	120	1.2 125 LBS	BELL & GOSSETT RL-34

2. REFER TO SPECIFICATION 232113. 3. EXPANSION TANKS SHALL BE SELECTED WITH 100% WATER.

	VARIABLE FRE	QUENCY (	CONTRO	OLLER SO	CHEDUI	E	
	EQUIPMENT	MARK		S			
MARK	SERVING	SERVING	HP	(VOLT)	(HZ)	(PH)	NOTES
VFC-HWP-1	HEATING HOT WATER PUMP	HWP-1	3	208	60	3	1,2,3,4,5
VFC-HWP-2	HEATING HOT WATER PUMP	HWP-2	3~	208	60	3	1,2,3,4,5
VFC-AHU-2S	AHU - SUPPLY FAN	AHU-2	7.5	460	60	3	1,2,3,4,5
VFC-AHU-2E	AHU - EXHAUST FAN	AHU-2		460	60	3	1,2,3,4,5
NOTES			2				

1. DRIVE PROVIDED AND INSTALLED BY THE DIVISION 23 - HVAC CONTRACTOR. DIVISION 26 - ELECTRICAL CONTRACTOR TO PROVIDE POWER WIRING TO VFC AND FROM VFC TO MOTOR.

5. PROVIDED WITH A FACTORY MOUNTED DISCONNECT.

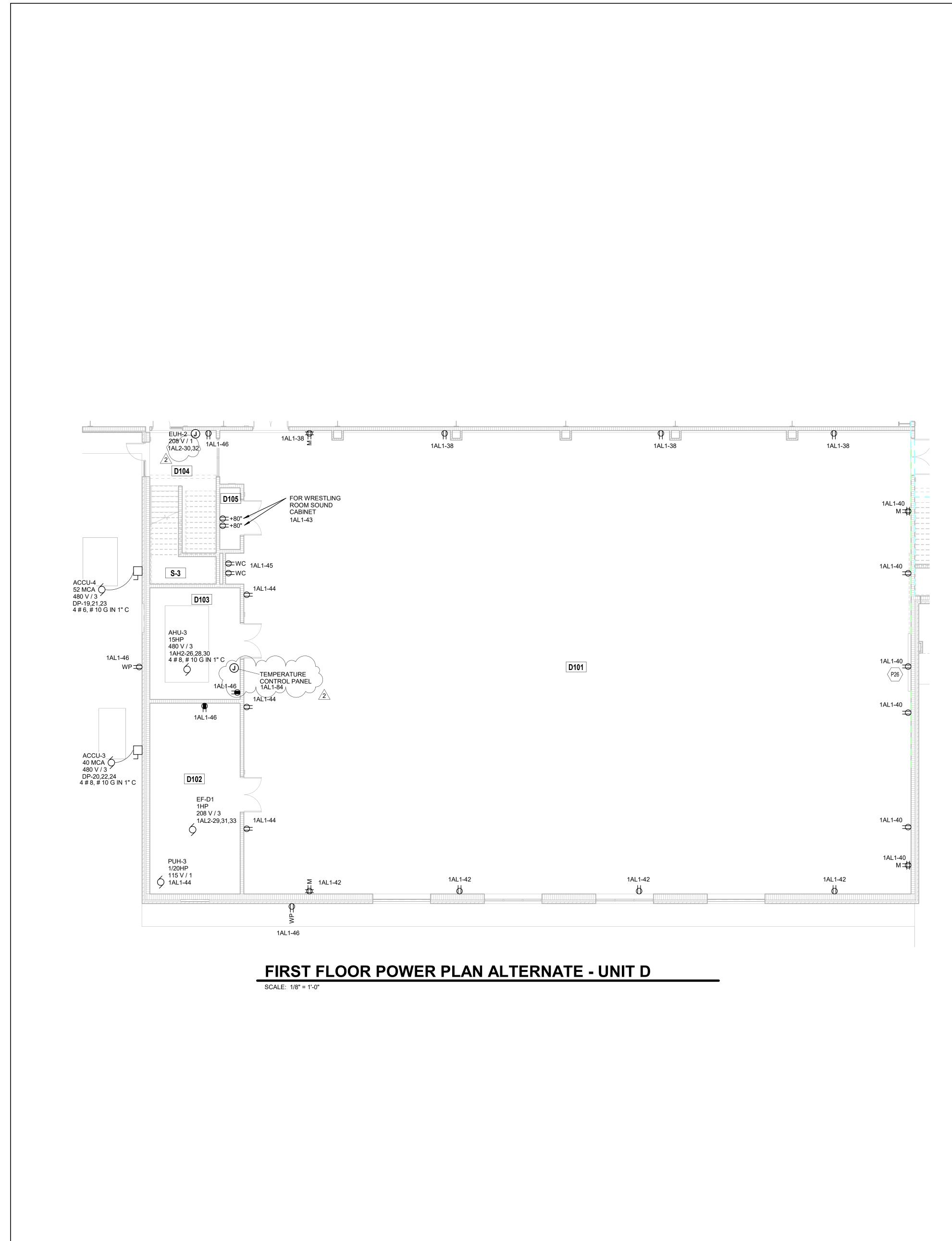
	HEATING PLANT EQUIPMENT SCHEDULE
MARK	DESCRIPTION
BF-1	EATON FLOWLINE II - FBF211XSF-DPS0304 SIDE LOOP BAG FILTER HOUSING FOR HEATING WATER SYSTEM.
CF-1	HEATING WATER CHEMICAL SHOT FEEDER, 5.0 GALLON CAPACITY.

3. TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE ALL TEMPERATURE CONTROL WIRING.

4. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

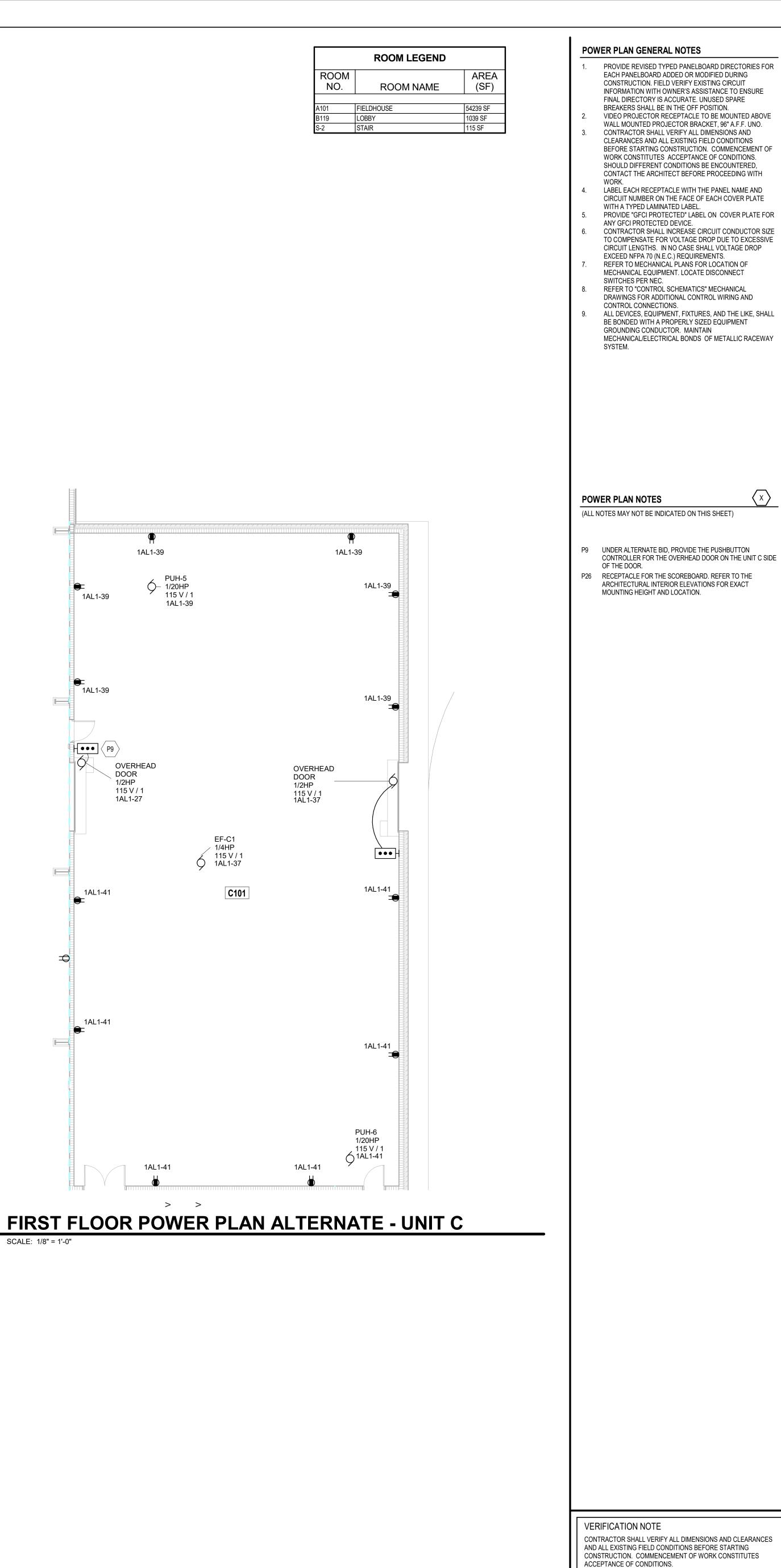
REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT THAT IS WITHIN ALTERNATES



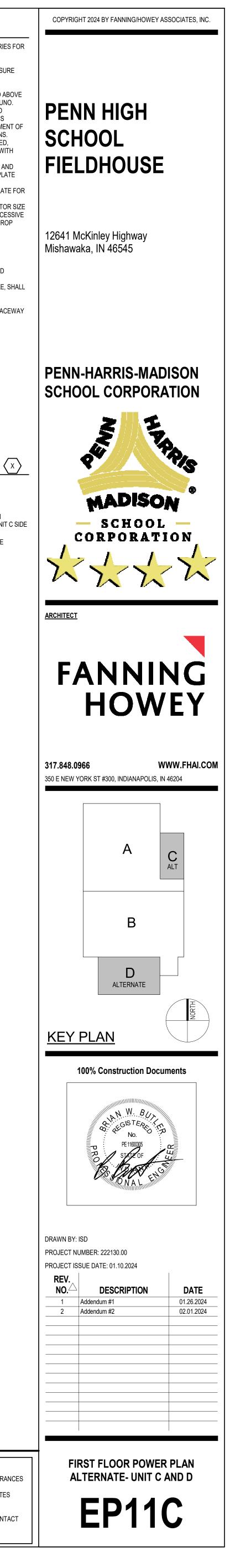


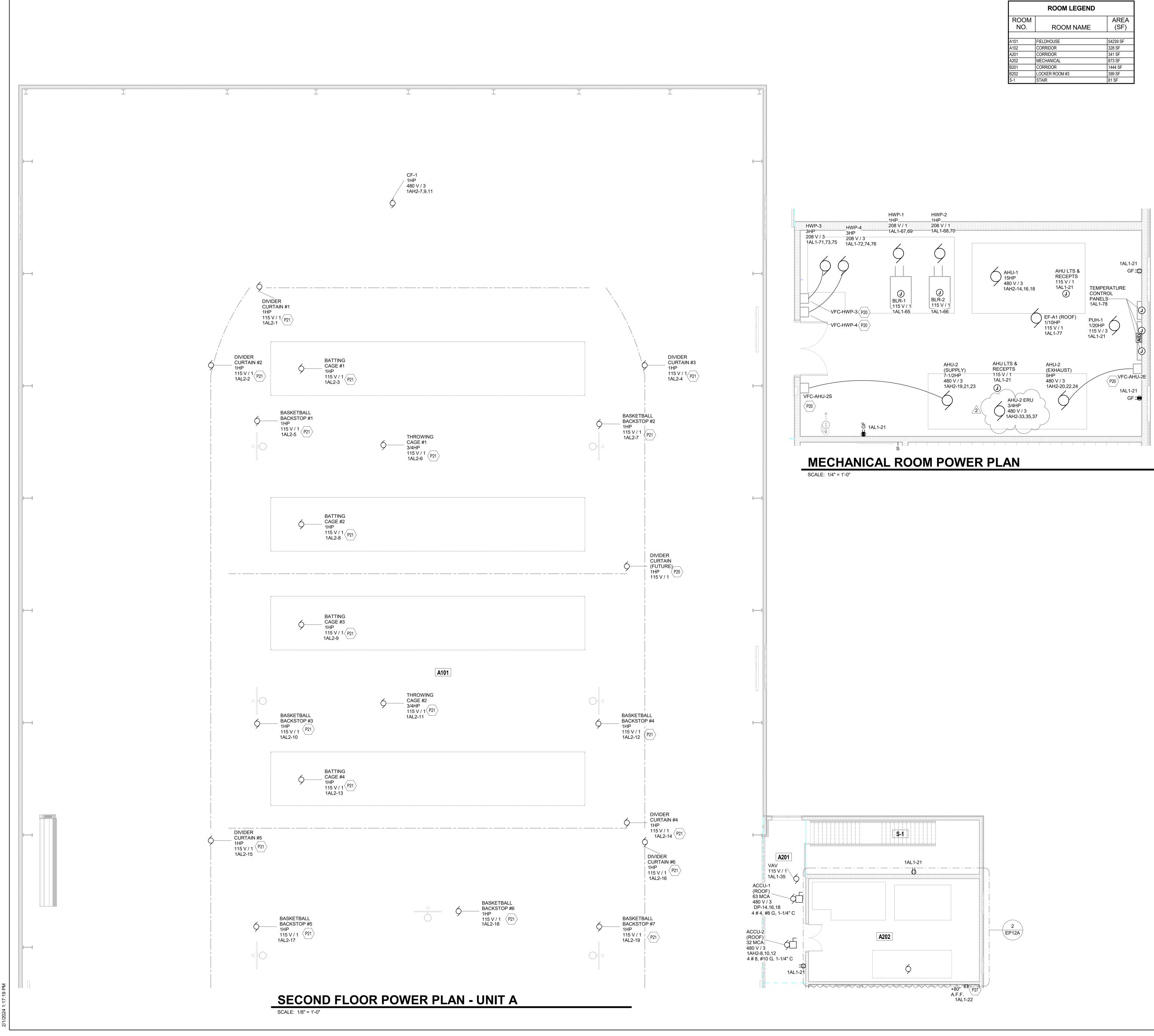




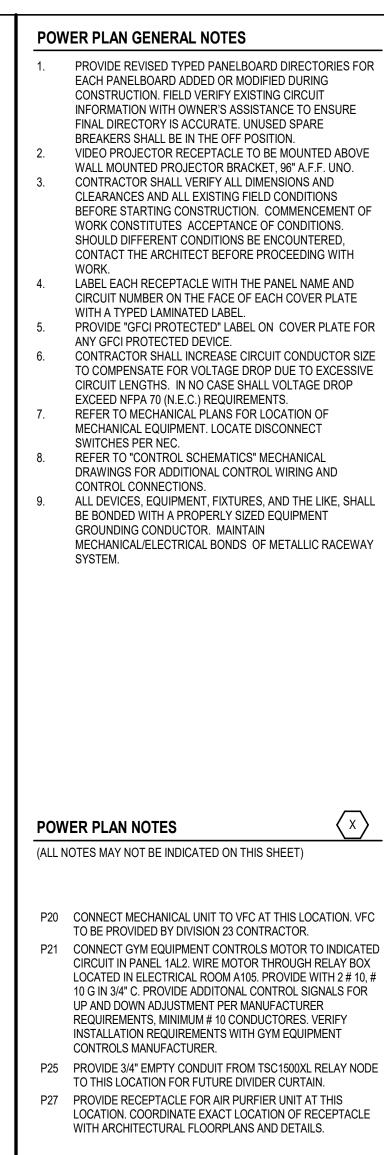


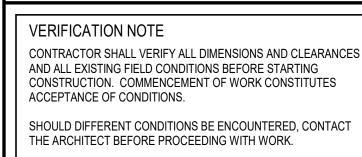
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

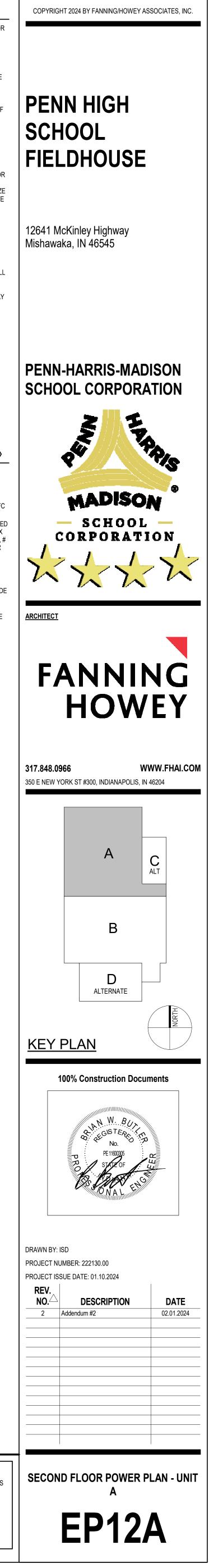




ROOM LEGEND										
ROOM NO.	ROOM NAME	AREA (SF)								
		5 4000 05								
A101	FIELDHOUSE	54239 SF								
A102	CORRIDOR	328 SF								
A201	CORRIDOR	341 SF								
A202	MECHANICAL	873 SF								
B201	CORRIDOR	1444 SF								
B202	LOCKER ROOM #3	399 SF								
S-1	STAIR	81 SF								

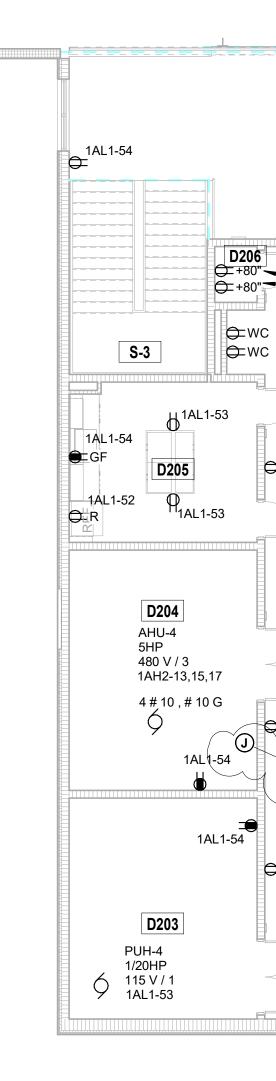


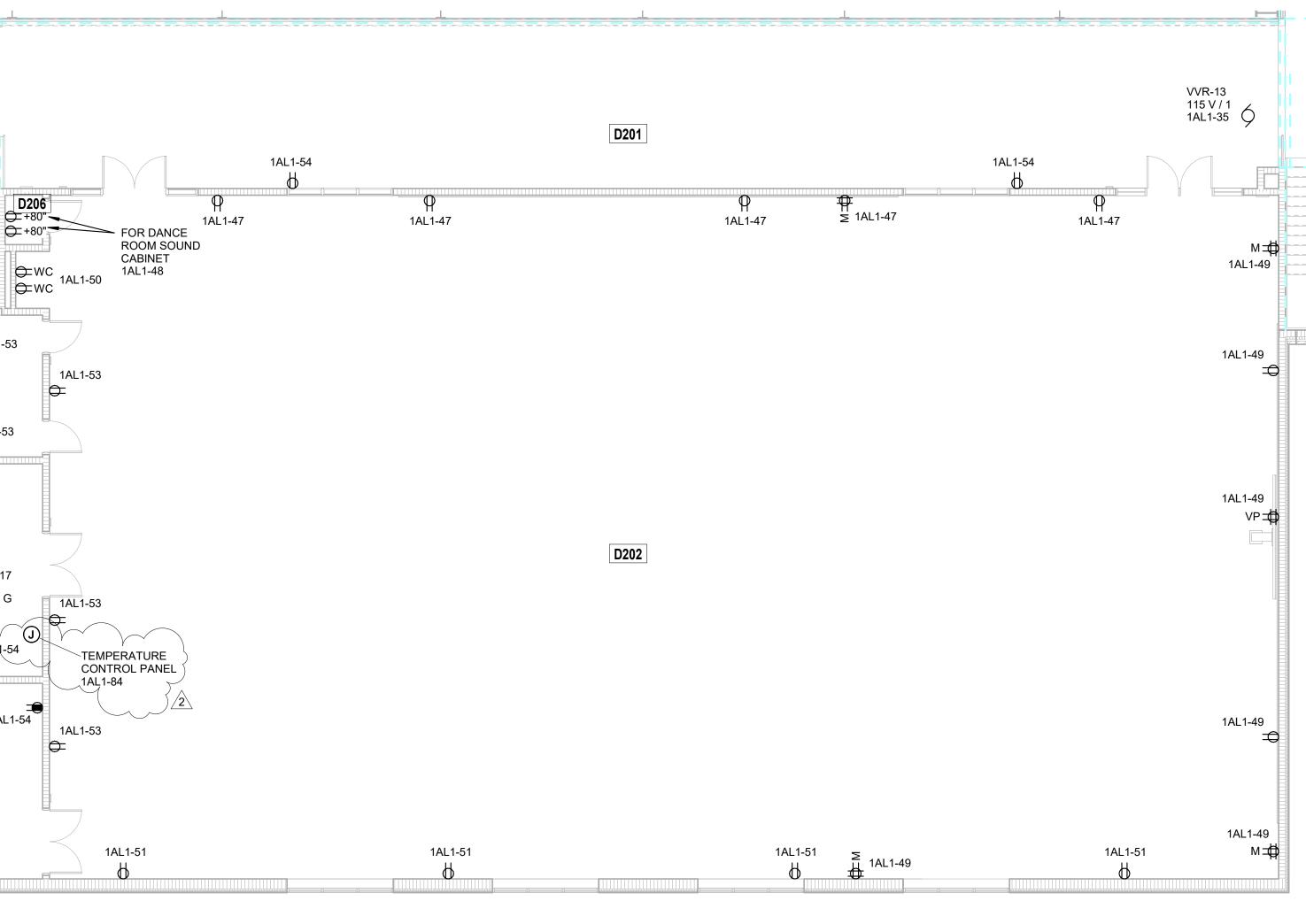




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# SECOND FLOOR POWER PLAN ALTERNATE - UNIT D

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

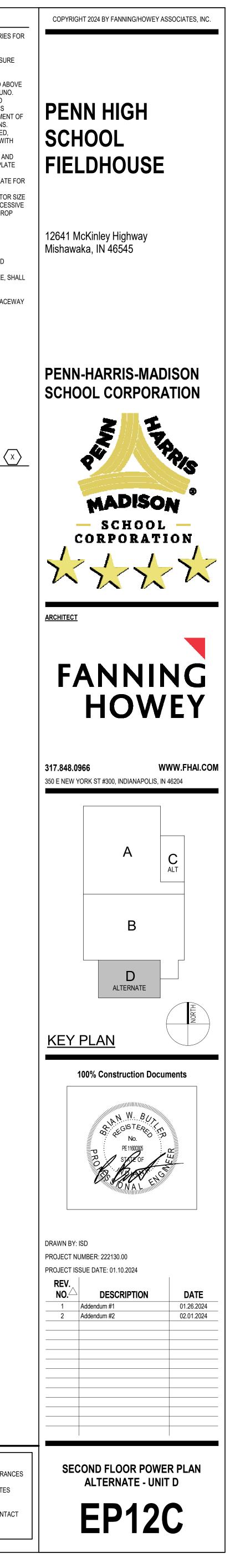
ROOM LEGEND										
ROOM NO.	ROOM NAME	AREA (SF)								
	•									
A101	FIELDHOUSE	54239 SF								
B201	CORRIDOR	1444 SF								
B217	COMMONS	984 SF								
S-2	STAIR	175 SF								

# POWER PLAN GENERAL NOTES

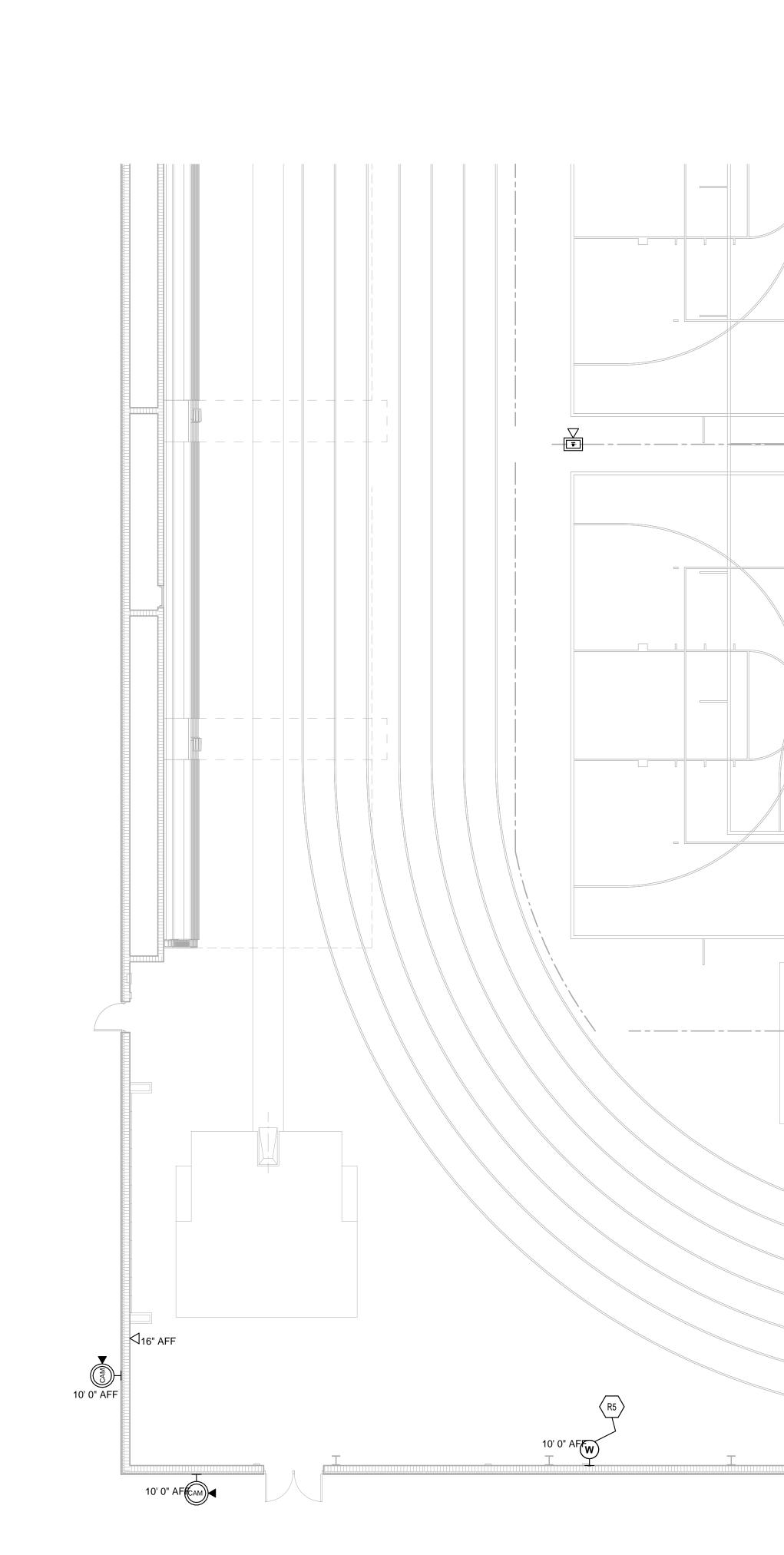
1.	PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR
1.	
	EACH PANELBOARD ADDED OR MODIFIED DURING
	CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT
	INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE
	FINAL DIRECTORY IS ACCURATE, UNUSED SPARE
	BREAKERS SHALL BE IN THE OFF POSITION.
2.	VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE
••	WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
<b>`</b>	,
3.	CONTRACTOR 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 WITH
	WORK.
4	-
4.	LABEL EACH RECEPTACLE WITH THE PANEL NAME AND
	CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE
	WITH A TYPED LAMINATED LABEL.
5.	PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR
	ANY GFCI PROTECTED DEVICE.
S.	CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE
	TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE
	CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP
	EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
	REFER TO MECHANICAL PLANS FOR LOCATION OF
•	
	MECHANICAL EQUIPMENT. LOCATE DISCONNECT
	SWITCHES PER NEC.
3.	REFER TO "CONTROL SCHEMATICS" MECHANICAL
	DRAWINGS FOR ADDITIONAL CONTROL WIRING AND
	CONTROL CONNECTIONS.
9.	ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL
	BE BONDED WITH A PROPERLY SIZED EQUIPMENT
	GROUNDING CONDUCTOR. MAINTAIN
	MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY
	SYSTEM.

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

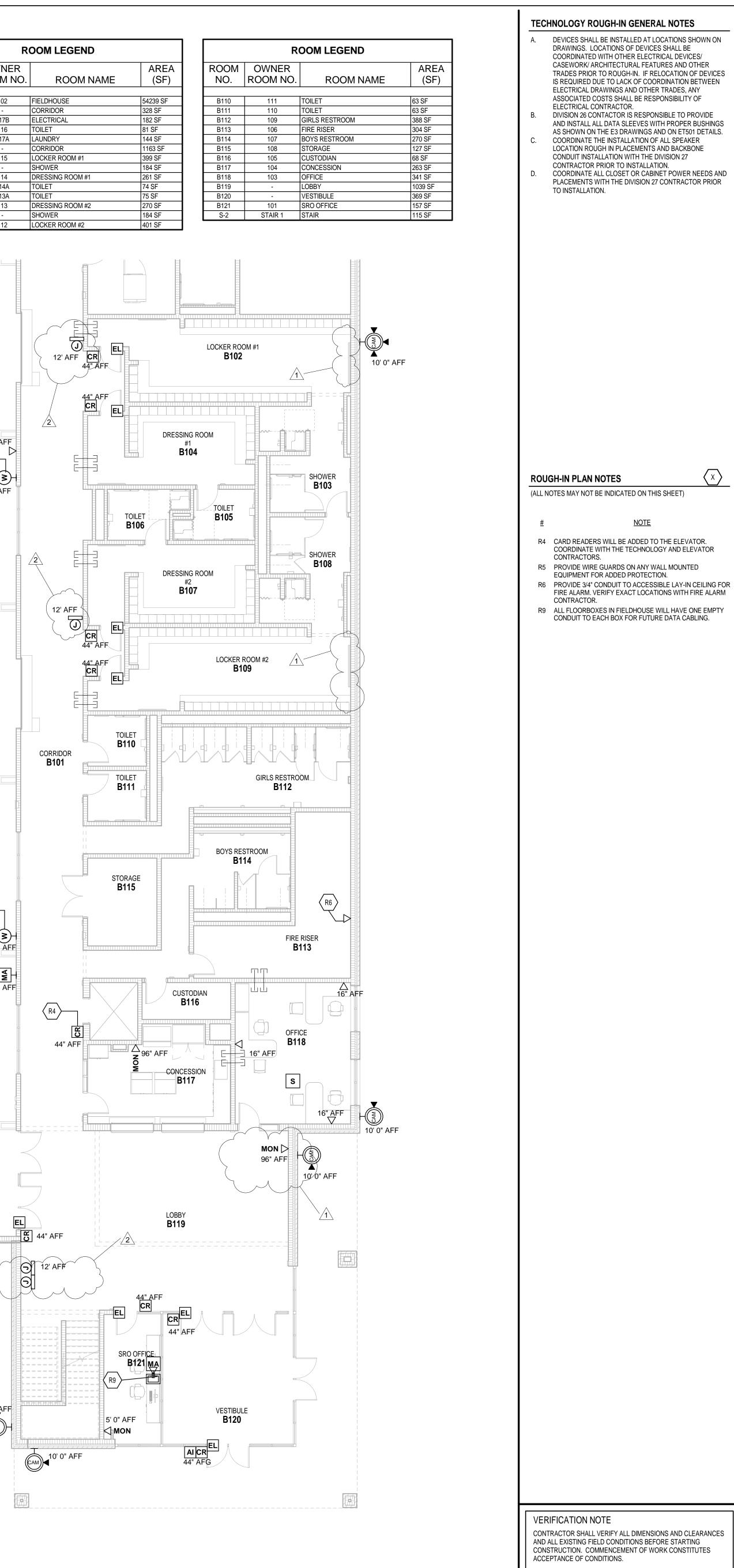
VERIFICATION NOTE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.







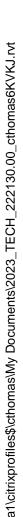
ROOM NO.         C RO           A101	DWNER DOM NO 102 - 117B 116 117A - 115 - 114 113A 113A 113 - 112
(R5)	0" AFF
	2' 0" AFF 16" AFF
4 5 6	

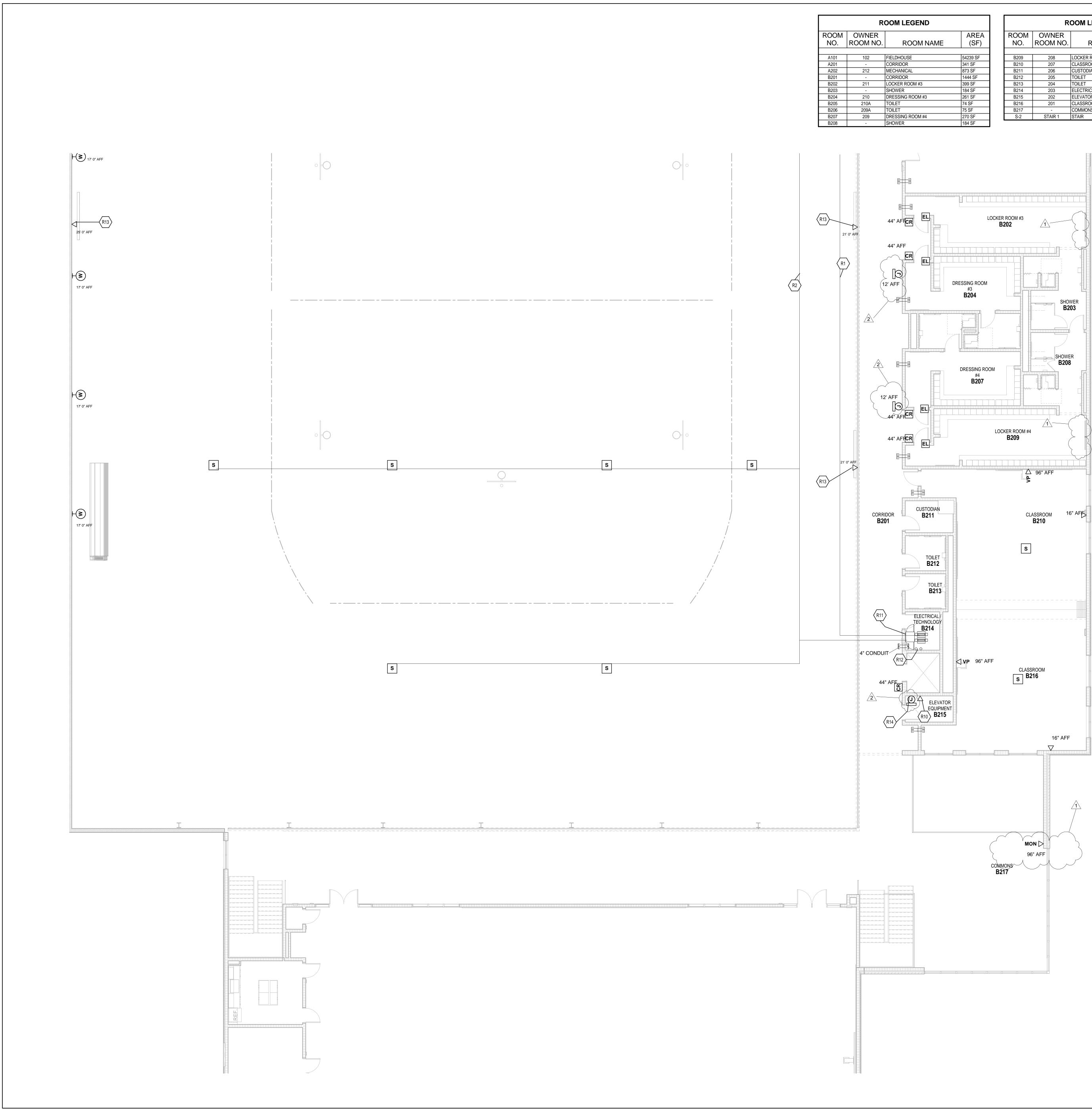


SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

10' 0" AFF

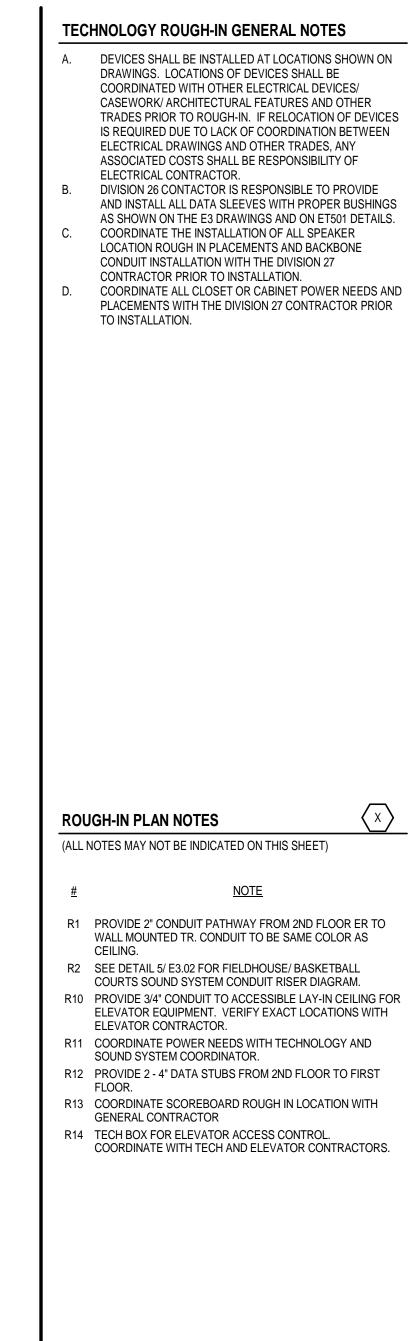






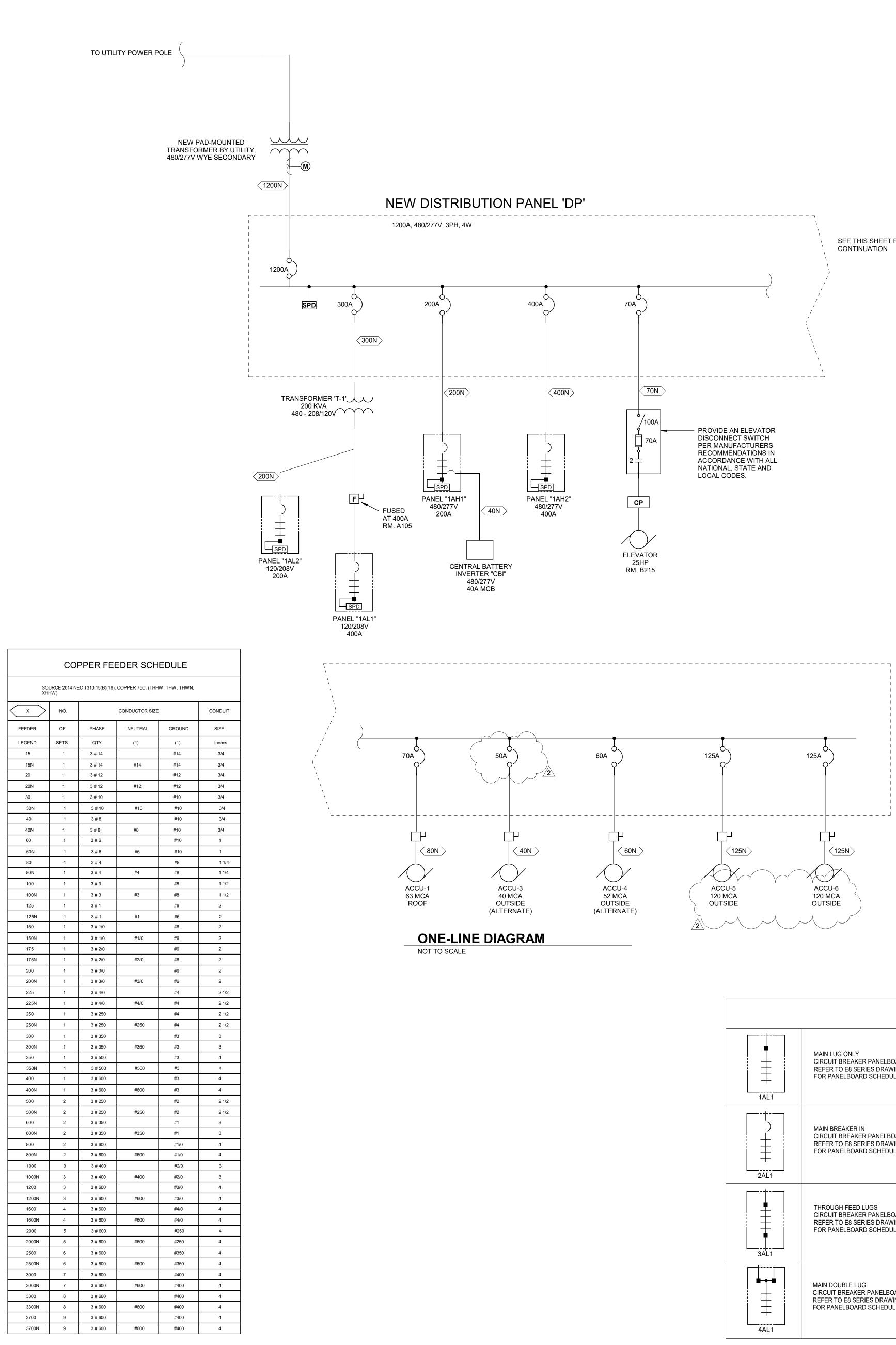
M LEGEND	
ROOM NAME	AREA (SF)
DHOUSE	54239 SF
RIDOR	341 SF
HANICAL	873 SF
RIDOR	1444 SF
(ER ROOM #3	399 SF
WER	184 SF
SSING ROOM #3	261 SF
T	74 SF
ET	75 SF
SSING ROOM #4	270 SF
WER	184 SF

	ROOM LEGEND											
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)									
Dooo	000		400.05									
B209	208	LOCKER ROOM #4	402 SF									
B210	207	CLASSROOM	842 SF									
B211	206	CUSTODIAN	67 SF									
B212	205	TOILET	63 SF									
B213	204	TOILET	63 SF									
B214	203	ELECTRICAL / TECHNOLOGY	58 SF									
B215	202	ELEVATOR EQUIPMENT	55 SF									
B216	201	CLASSROOM	840 SF									
B217	-	COMMONS	984 SF									
S-2	STAIR 1	STAIR	175 SF									



VERIFICATION NOTE CONTRACTOR 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 WITH WORK.





					LUM	INAIRE SCHEDI	ULE	
	PLAN TYPE MANUFACTURER/CATALOG	MOUNTING	NO. WATTS	LAMPS 5 TYPE	LUMENS	APPLIED VOLTAGE	DESCRIPTION	L
	A LITHONIA DSX2 SERIES	30'-0" SQUARE STEEL POLE	1 219 W	LED	29085 lm	277 V	TYPE 2 MEDIUM DISTRIBUTION, 4000K CCT, WITH MULTI-VOLT DRIVER. MOUNT TO NEW 30-FOOT SQUARE STEEL POLE, DARK BRONZE FINISH.	/ 219
	B LITHONIA DSX2 SERIES	30'-0" SQUARE STEEL POLE	1 219 W	LED	29423 Im	277 V	TYPE 3 MEDIUM DISTRIBUTION, 4000K CCT, WITH MULTI-VOLT DRIVER. MOUNT TO NEW 30-FOOT SQUARE STEEL POLE, DARK BRONZE FINISH.	/ 21
	C LITHONIA DSX2 SERIES	30'-0" SQUARE STEEL POLE	1 219 W	LED	29861 lm	277 V	TYPE 4 MEDIUM DISTRIBUTION, 4000K CCT, WITH MULTI-VOLT DRIVER. MOUNT TO NEW 30-FOOT SQUARE STEEL POLE, DARK BRONZE FINISH.	/ 2'
	D LITHONIA DSX2 SERIES	30'-0" SQUARE STEEL POLE	1 219 W	LED	21401 lm	277 V	TYPE 3 BACKLIGHT CONTROL DISTRIBUTION, 4000K CCT, WITH MULTI-VOLT DRIVER. MOUNT TO NEW 30-FOOT SQUARE STEEL POLE, DARK BRONZE FINISH.	2
	E LITHONIA DSX2 SERIES	30'-0" SQUARE STEEL POLE	1 219 W	LED	22104 lm	277 V	TYPE 4 BACKLIGHT CONTROL DISTRIBUTION, 4000K CCT, WITH MULTI-VOLT DRIVER. MOUNT TO NEW 30-FOOT SQUARE STEEL POLE, DARK BRONZE FINISH.	2
	F LITHONIA DSX2 SERIES	30'-0" SQUARE STEEL POLE	1 219 W	LED	21594 lm	277 V	LEFT CORNER CUTOFF DISTRIBUTION, 4000K CCT, WITH MULTI-VOLT DRIVER. MOUNT T NEW 30-FOOT SQUARE STEEL POLE, DARK BRONZE FINISH.	ТО
	LDW61 FAIL-SAFE FLD6A SERIES PHILIPS BRANDS A/E APPROVED EQUAL GOTHAM EVO SHOWER SERIES PRESCOLITE LF6LEDG4 SERIES	RECESSED	1 15 W	LED	1000 lm	277 V	6-INCH ROUND APERTURE LED SHOWER LIGHT WITH REGRESSED LENS REFLECTOR, WHITE REFLECTOR AND TRIM, SELF-FLANGED, IP65 WET LOCATION LISTED.	
	LDW61X FAIL-SAFE FLD6A SERIES PHILIPS BRANDS A/E APPROVED EQUAL GOTHAM EVO SHOWER SERIES PRESCOLITE LF6LEDG4 SERIES	RECESSED	1 15 W	LED	1000 lm	277 V	6-INCH ROUND APERTURE LED SHOWER LIGHT WITH REGRESSED LENS REFLECTOR, WHITE REFLECTOR AND TRIM, SELF-FLANGED, IP65 WET LOCATION LISTED, WITH EMERGENCY BATTERY PACK.	
	LE1 LITHONIA WDGE2 SERIES	SURFACE WALL	1 32 W		3200 lm	277 V	LED WALL MOUNTED ARCHITECTURAL LUMINAIRE, TYPE 3 MEDIUM DISTRIBUTION, 4000 CCT, 70 CRI, DARK BRONZE FINISH, WITH MVOLT DRIVER. MOUNT ONTO JUNCTION BOY VANDAL RESISTANT.	X.
IEL 'DP'	LE1X LITHONIA WDGE2 SERIES	SURFACE WALL	1 32 W	LED	3200 lm	277 V	LED WALL MOUNTED ARCHITECTURAL LUMINAIRE, TYPE 3 MEDIUM DISTRIBUTION, 4000 CCT, 70 CRI, DARK BRONZE FINISH, WITH MVOLT DRIVER. PROVIDE WITH INTEGRAL CO WEATHER EMERGENCY BATTERY PACK. MOUNT ONTO JUNCTION BOX. VANDAL RESISTANT.	
SEE THIS SHEET FOR CONTINUATION		RECESSED	1 45 W	LED	3900 lm	277 V	2 BY 4-FOOT LED FLAT PANEL FIXTURE WITH SATIN WHITE LENS, ALUMINUM FRAME, 4000K, 80CRI, ADJUSTABLE LUMEN OUTPUT, 0-10VDC DIMMING, MVOLT DRIVER.	
		RECESSED	1 45 W		3900 lm	277 V	2 BY 4-FOOT LED FLAT PANEL FIXTURE WITH SATIN WHITE LENS, ALUMINUM FRAME, 4000K, 80CRI, ADJUSTABLE LUMEN OUTPUT, 0-10VDC DIMMING, MVOLT DRIVER WITH EMERGENCY BATTERY PACK.	
	LH18 LITHONIA IBG SERIES	SUSPENDED	1 192 W	LED	18000 lm	277 V	2 BY 4-FOOT LED HIGH BAY, 95% REFLECTIVE SPECULAR ALUMINUM REFLECTOR, WIDE DISTRIBUTION, FROSTED ACRYLIC LENS AND WIREGUARD, 0-10VDC DIMMING. PROVID WITH ALL MOUNTING HARDWARE AND ACCESSORIES FOR AIRCRAFT CABLE SUSPENSION.	
	LH18X LITHONIA IBG SERIES	SUSPENDED	1 192 W	LED	18000 lm	277 V	2 BY 4-FOOT LED HIGH BAY, 95% REFLECTIVE SPECULAR ALUMINUM REFLECTOR, WIDE DISTRIBUTION, FROSTED ACRYLIC AND WIREGUARD, 0-10VDC DIMMING. PROVIDE WIT ALL MOUNTING HARDWARE AND ACCESSORIES FOR AIRCRAFT CABLE SUSPENSION. PROVIDE WITH TRANSFER DEVICE COMPATIBLE WITH EMERGENCY BATTERY INVERTE	Ή R.
	DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL	SUSPENDED	1 48 W	LED	4000 lm	277 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMIN IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	IG.
400N 70N	LR2X METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES OR A/E APPROVED EQUAL	SUSPENDED	1 48 W		4000 lm	277 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMIN WITH EMERGENCY BATTERY PACK. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	
70A PROVIDE AN ELEVATOR DISCONNECT SWITCH PER MANUFACTURERS RECOMMENDATIONS IN	DAY-BRITE OWL SERIES LITHONIA SBL SERIES HUBBELL BRANDS A/E APPROVED EQUAL	SURFACE	1 73 W	LED	7000 lm	277 V	4-FOOT WRAP LED AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMIN IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	IG.
ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL CODES.	LR4X METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES HUBBELL BRANDS A/E APPROVED EQUAL	SURFACE	1 73 W	LED	7000 lm	277 V	4-FOOT WRAP LED AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMIN WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 8-FOOT AFF WITH CONDUIT STEMS (UNO).	IG,
	CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES OR A/E APPROVED EQUAL	SURFACE CEILING	1 3 W	RED LED	0 lm	277 V	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	
ELEVATOR 25HP	XVW SURE-LITES UX SERIES CHLORIDE 60 LINE SERIES LITHONIA LV SERIES DUAL-LITE SEWL SERIES	SURFACE WALL	1 3 W	LED	0 lm	277 V	CAST ALUMINUM, VANDAL RESISTANT AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING, LISTED FOR WET LOCATIONS. REFER TO PROJE MANUAL FOR ADDITIONAL REQUIREMENTS.	ECT
25HP RM. B215	XW SURE-LITES CX SERIES CHLORIDE 55 LINE SERIES LITHONIA SIGNATURE SERIES	SURFACE WALL	1 3 W	RED LED	0 lm	277 V	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	D,

			ONE	LINE DIAG	GRAM SYMBOLS				
		DM	DIGITAL ELECTRONIC POWER METER	•			FUSED SWITCH IN SWITCHBOARD, 3P UNO		FUSED POTENTIAL TRANSFORMER
	MAIN LUG ONLY CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	IT BREAKER PANELBOARD, TO E8 SERIES DRAWINGSK KIRK KEY INTERLOCK E			COMBINATION MAGNETIC MOTOR STARTER WITH FUSED SWITCH	-0_0-	DISCONNECT SWITCH IN SWITCHBOARD, 3P UNO	'	CURRENT TRANSFORMERS, 3 UNO
1AL1		—(M)	UTILITY METER	γ			FUSED BOLTED PRESSURE SWITCH WITH GROUND FAULT AND SINGLE PHASE PROTECTION, 3P	(	CAPACITOR
	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD,		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD		COMBINATION MAGNETIC MOTOR STARTER WITH CIRCUIT BREAKER		UNO TRANSFER SWITCH		EARTH GROUND
	REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		WITH SUB-FEED BREAKER, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	<u>۲</u>					LIGHTNING ARRESTER
2AL1		5AL1			COMBINATION MAGNETIC MOTOR STARTER WITH MOTOR CIRCUIT PROTECTOR		DISCONNECT, 3P UNO		PLUG AND RECEPTACLE OR
	THROUGH FEED LUGS CIRCUIT BREAKER PANELBOARD,		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH INTEGRAL BUS CONNECTED	Ŷ			MOLDED CASE CIRCUIT BREAKER, 3P UNO		DRAWOUT DEVICE
	REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		SPD, REFER TO E8 SERIES DRAWINGSFOR PANELBOARD SCHEDULES	• >	COMBINATION MAGNETIC MOTOR STARTER WITH VARIABLE SPEED		CIRCUIT BREAKER IN SWITCHBOARD, 3P UNO INSULATED CASED POWER		POWER TRANSFORMER
3AL1		6AL1			CONTROLLER	-•-	CIRCUIT BREAKER WITH L.I.S.G. PROTECTION FEATURES, 3P UNO		3 PHASE MOTOR. X INDICATES
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD,		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT	<b>۴</b>	COMBINATION MAGNETIC MOTOR	_~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	DRAWOUT CIRCUIT BREAKER, 3P UNO		HORSEPOWER OR KILOWATTS
	REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		STARTER WITH ELECTRONIC OVERLOADS		SHUNT TRIP OPERATED CIRCUIT BREAKER		UNDER DIVISION 25
4AL1		7AL1		'				G	GENERATOR

1. SEE SPECIFICATIONS FOR DRIVER REQUIREMENTS. 2. FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE

LIGHT FIXTURES.

FOR MOUNTING IN LAY-IN TYPE CEILINGS. 3. CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY TRANSFER DEVICES AND PROVIDE REQUIRED QUANTITY OF

EMERGENCY TRANSFER DEVICES, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY TRANSFER DEVICES. 4. LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR BALLAST COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR



	Location: ELECTRICAL A105 Supply From: DP Mounting: Surface Enclosure: Type 1					Volts: Phases: Wires:		7 Wye			A.I.C. Rating: Mains Type: M.C.B Mains Rating: 200 A MCB Rating: 250 A			
Notes:														
скт	Circuit Description	Trip	Poles		A		В		С	Poles	Trip	Circuit D	escription	СК
1	First floor lighting	20 A	1	3390	3951					1	20 A	Second floor lighting	•	2
3	Fieldhouse lighting	20 A	1			3840	3840			1	20 A	Fieldhouse lighting		4
5	Fieldhouse lighting	20 A	1					3840	3840	1	20 A	Fieldhouse lighting		6
7	Fieldhouse lighting	20 A	1	3072	3072					1	20 A	Fieldhouse lighting		8
9	Site lighting	20 A	1			0 VA	0 VA			1	20 A	Site lighting		10
11	Exterior lighting	20 A	1					0 VA	429 VA	1	20 A	Exterior lighting		12
13	Unit C - First Floor Lighting (NOTE 1)		1							1		Unit D - First Floor Lighti	ng (NOTE 1)	14
15	D101 - Lighting #1 (NOTE 1)		1							1		Unit D - Second Floor Lig	phting (NOTE 1)	16
17	D101 - Lighting #2 (NOTE 1)		1							1		D201 - Lighting #1 (NOT	E 1)	18
19	CB1	40 A	3	0 VA						1		D201 - Lighting #2 (NOT	E 1)	20
21						0 VA								22
23								0 VA						24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42
		Tota	al Load:	1348	35 VA	768	0 VA	810	9 VA					
		Tota	I Amps:	49	9 A	28	3 A	30	AC					
Legend														
	lassification		nected I		Dei	mand Fa			nated De			Panel	Totals	
Lighting	]		29274 V/	4		125.00%	b		36593 V/	4				
												Total Conn. Load:		
												Total Est. Demand:		
												Total Conn.:		
												Total Est. Demand:	44 A	

N	Notes:	Enclosure: Type 1					Phases: Wires:						Mains Type: Mains Rating: 400 A MCB Rating: 400 A
1						$\overline{}$		$\sim$				$\searrow$	
$\land \land \vdash$	СКТ	Circuit Description	Trip	Poles		Α		3		C	Poles	Trip	Circuit Description
<u>/2\</u>	1	ARU-1	40 A	3	7479	7479					3	40 A	ARU-2
$\wedge$	3				<u> </u>		7479	7479	7.170	1-1-0	<u> </u>	,	
	5	 Field Heure Fere CE 1, CE 2	20 A	3	1102	5817	$\sim$	$\sim$	7479	X479			ACCU-2 Roof
	7 9	Field House Fans CF-1, CF-2	+/		1103	5617	1163	5817			3	40 A	
K	9 11/						1105	5017	1163	5817			
-	13	AHU-4 Rm. D204 (NOTE 1)	20 A	3	0 VA	5817			1100	5017	3		AHU-1 Rm. A202
	15						0 VA	5817					
	17									5817			
	19	AHU-2 Supply Rm. A202	20 A	3	3047	2105					3	20 A	AHU-2 Exhaust Rm. A202
	21						3047	2105					
	23								3047	2105			
	25	Booster pump DWB1 Rm. B113	20 A	3	5817	0 VA					3	40 A	AHU-3 Rm. D103 (NOTE 1)
	27						5817	0 VA					
	29								5817	0 VA			
Ĺ	31	CUH-2 Vest. B120	20 A		152 VA	1⁄52 VA			$\left( \right)$		1	20 A	CUH-1 Corr. A103
	33	AHU-2 Energy Recovery Unit - A202	20 A	3			443 VA			<u> </u>			
2	35								443 VA	·   )			
$\downarrow$	37		, <del></del>	<u> </u>	443 VA		μ			ľ			
	39												
	41		Taf		204		2040		2040				
				al Load: al Amps:		72 VA 2 A		8 VA 1 A		58 VA 1 A			
L	_egend	l:		<u>, , , , , , , , , , , , , , , , , , , </u>		270							
		lassification		nnected			nand Fa			nated De			Panel Totals
M	Motor			117808 \	/A		104.76%	)		123417 \	/A		Total Conn. Load: 117808 VA
$\vdash$													Total Est. Demand: 123417 VA
$\vdash$													Total Conn.: 142 A
-													Total Est. Demand: 148 A
$\vdash$													

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#1<br>Basketball Backstop #1<br>Basketball Backstop #2<br>Batting Cage #3<br>Throwing Cage #4<br>Divider Curtain #5<br>Basketball Backstop #5<br>Basketball Backstop #7<br>Basketball Backstop #9<br>Divider Curtain #7<br>Divider Curtain #7<br>Divider Curtain #8<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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D104 (NOTE 1)          Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         
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I       Cla         or       eptac         eptac       eptac         est       f         eptac       eptac         est       f         f       f         f       f         f       f         f       f         f       f         f       f         f       f         est       f         f       f         f       f         f       f         f       f         f       f      f	ile ile - Convenience ile - Special  PROVIDE CIRCUIT UNDER THE ALTERNATE BII PROVIDE WITH 5mA GFCI BREAKER.   Exercise a constraint of the second sec	Trip 20 A 20 A	19864 V/         6950 VA         3000 VA         32328 V/         360 VA         360 VA         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <td< td=""><td>A A A A A A A A A A A A A A A A A A A</td><td>A 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>2 2 3 4 120/208 3 4 120/208 3 4 1840 1840 1840 1840 1840 1840 1840 1840 1840 1840 10 ∨A 0 ∨A 0 ∨A 0 ∨A</td><td><ul> <li>Wye</li> <li>Wye</li> <li>Wye</li> <li>1840</li> <li>1840</li> <li>1840</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> </ul></td><td>20818 V/ 6950 V/ 3000 V/ 500 VA 21164 V/ 288 VA 288 VA 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>Poles         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1          1          1          1     &lt;</td><td>20 A         20 A      <t< td=""><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Ide A       Ide A         Ide A       <t< td=""></t<></td></t<></td></td<>	A A A A A A A A A A A A A A A A A A A	A 1840 1840 1840 1840 0 VA 0 VA 0 VA	104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA	2 2 3 4 120/208 3 4 120/208 3 4 1840 1840 1840 1840 1840 1840 1840 1840 1840 1840 10 ∨A 0 ∨A 0 ∨A 0 ∨A	<ul> <li>Wye</li> <li>Wye</li> <li>Wye</li> <li>1840</li> <li>1840</li> <li>1840</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> </ul>	20818 V/ 6950 V/ 3000 V/ 500 VA 21164 V/ 288 VA 288 VA 1840 1840 1840 1840 0 VA 0 VA 0 VA	Poles         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1          1          1          1     <	20 A         20 A <t< td=""><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Ide A       Ide A         Ide A       <t< td=""></t<></td></t<>	Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Ide A       Ide A         Ide A <t< td=""></t<>													
d Cla         or         eptac         eptac <td>Ile - Convenience Ile - Special PROVIDE CIRCUIT UNDER THE ALTERNATE BI PROVIDE WITH 5mA GFCI BREAKER. Location: ELECTRICAL A1 Supply From: Mounting: Surface Enclosure: Type 1 Circuit Description Divider Curtain #1 Basketball Backstop #1 Basketball Backstop #2 Batting Cage #3 Throwing Cage #4 Divider Curtain #5 Basketball Backstop #5 Basketball Backstop #5 Basketball Backstop #9 Divider Curtain #7 Divider Curtain #7 Divider Curtain #7 Divider Curtain #8 Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare</td> <td>Trip D. Trip 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A</td> <td>19864 V/         6950 VA         3000 VA         500 VA         32328 V/         360 VA         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1      <tr tr=""> <t< td=""><td>A A A A A A A A A A A A A A A A A A A</td><td>A 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>B 120/208 3 4 1840 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>Wye Wye 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>20818 V/ 6950 V/ 3000 V/ 500 V/A 21164 V/ 288 V/A 288 V/A 1840 1840 1840 1840 1840 0 V/A 0 V/A 0 V/A</td><td>Poles         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1          1           <!--</td--><td>20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A</td><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Conn.:       175 A         Total Est. Demand:       146 A         Ide A       Ide A         Al.C. Rating:       Ide A         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Batting Cage #2         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #4       Divider Curtain #6         Basketball Backstop #10       Divider Curtain #8         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         EUH-2 Corr. D104 (NOTE 1)          Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></td></t<></tr><tr><td>I Cla r ptac e ptac s: E 1: E 2: S: S: T E 1: E 2: E 1: E 2: E 1: E 1: E 2: E 1: E 1: E 1: E 1: E 1: E 1: E 1: E 1</td><td>ile Convenience ile - Convenience ile - Special PROVIDE CIRCUIT UNDER THE ALTERNATE BI PROVIDE WITH 5mA GFCI BREAKER. Location: ELECTRICAL A1 Supply From: Mounting: Surface Enclosure: Type 1 Circuit Description Divider Curtain #1 Batting Cage #1 Basketball Backstop #1 Basketball Backstop #2 Batting Cage #3 Throwing Cage #2 Basketball Backstop #5 Basketball Backstop #5 Basketball Backstop #7 Basketball Backstop #7 Basketball Backstop #7 Divider Curtain #7 Divider Curtain #7 Divider Curtain #7 Divider Curtain #9 Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare</td><td>Trip 20 A 20 A</td><td>19864 V/         6950 VA         3000 VA         500 VA         32328 V/         360 VA         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         <td< td=""><td>A A A A A A A A A A A A A A A A A A A</td><td>A 1840 1840 1840 1840 0 VA 0 VA 0 VA 0 VA</td><td>104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>B 120/208 3 4 1840 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td><ul> <li>Wye</li> <li>Wye</li> <li>Wye</li> <li>1840</li> <li>1840</li> <li>1840</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> </ul></td><td>20818 V/ 6950 V/ 3000 V/ 500 VA 21164 V/ 288 VA 288 VA 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>A A A A A A A A A A A A A A A A A A A</td><td>20 A         20 A      <t< td=""><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></t<></td></td<></td></tr></td>	Ile - Convenience Ile - Special PROVIDE CIRCUIT UNDER THE ALTERNATE BI PROVIDE WITH 5mA GFCI BREAKER. Location: ELECTRICAL A1 Supply From: Mounting: Surface Enclosure: Type 1 Circuit Description Divider Curtain #1 Basketball Backstop #1 Basketball Backstop #2 Batting Cage #3 Throwing Cage #4 Divider Curtain #5 Basketball Backstop #5 Basketball Backstop #5 Basketball Backstop #9 Divider Curtain #7 Divider Curtain #7 Divider Curtain #7 Divider Curtain #8 Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare	Trip D. Trip 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	19864 V/         6950 VA         3000 VA         500 VA         32328 V/         360 VA         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <tr tr=""> <t< td=""><td>A A A A A A A A A A A A A A A A A A A</td><td>A 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>B 120/208 3 4 1840 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>Wye Wye 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>20818 V/ 6950 V/ 3000 V/ 500 V/A 21164 V/ 288 V/A 288 V/A 1840 1840 1840 1840 1840 0 V/A 0 V/A 0 V/A</td><td>Poles         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1          1           <!--</td--><td>20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A</td><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Conn.:       175 A         Total Est. Demand:       146 A         Ide A       Ide A         Al.C. Rating:       Ide A         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Batting Cage #2         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #4       Divider Curtain #6         Basketball Backstop #10       Divider Curtain #8         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         EUH-2 Corr. D104 (NOTE 1)          Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></td></t<></tr> <tr><td>I Cla r ptac e ptac s: E 1: E 2: S: S: T E 1: E 2: E 1: E 2: E 1: E 1: E 2: E 1: E 1: E 1: E 1: E 1: E 1: E 1: E 1</td><td>ile Convenience ile - Convenience ile - Special PROVIDE CIRCUIT UNDER THE ALTERNATE BI PROVIDE WITH 5mA GFCI BREAKER. Location: ELECTRICAL A1 Supply From: Mounting: Surface Enclosure: Type 1 Circuit Description Divider Curtain #1 Batting Cage #1 Basketball Backstop #1 Basketball Backstop #2 Batting Cage #3 Throwing Cage #2 Basketball Backstop #5 Basketball Backstop #5 Basketball Backstop #7 Basketball Backstop #7 Basketball Backstop #7 Divider Curtain #7 Divider Curtain #7 Divider Curtain #7 Divider Curtain #9 Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare Spare</td><td>Trip 20 A 20 A</td><td>19864 V/         6950 VA         3000 VA         500 VA         32328 V/         360 VA         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         <td< td=""><td>A A A A A A A A A A A A A A A A A A A</td><td>A 1840 1840 1840 1840 0 VA 0 VA 0 VA 0 VA</td><td>104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>B 120/208 3 4 1840 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td><ul> <li>Wye</li> <li>Wye</li> <li>Wye</li> <li>1840</li> <li>1840</li> <li>1840</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> </ul></td><td>20818 V/ 6950 V/ 3000 V/ 500 VA 21164 V/ 288 VA 288 VA 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>A A A A A A A A A A A A A A A A A A A</td><td>20 A         20 A      <t< td=""><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></t<></td></td<></td></tr>	A A A A A A A A A A A A A A A A A A A	A 1840 1840 1840 1840 0 VA 0 VA 0 VA	104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA	B 120/208 3 4 1840 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA	Wye Wye 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA	20818 V/ 6950 V/ 3000 V/ 500 V/A 21164 V/ 288 V/A 288 V/A 1840 1840 1840 1840 1840 0 V/A 0 V/A 0 V/A	Poles         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1          1 </td <td>20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A</td> <td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Conn.:       175 A         Total Est. Demand:       146 A         Ide A       Ide A         Al.C. Rating:       Ide A         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Batting Cage #2         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #4       Divider Curtain #6         Basketball Backstop #10       Divider Curtain #8         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         EUH-2 Corr. D104 (NOTE 1)          Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td>	20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Conn.:       175 A         Total Est. Demand:       146 A         Ide A       Ide A         Al.C. Rating:       Ide A         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Batting Cage #2         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #4       Divider Curtain #6         Basketball Backstop #10       Divider Curtain #8         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         EUH-2 Corr. D104 (NOTE 1)          Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare	I Cla r ptac e ptac s: E 1: E 2: S: S: T E 1: E 2: E 1: E 2: E 1: E 1: E 2: E 1: E 1: E 1: E 1: E 1: E 1: E 1: E 1	ile Convenience ile - Convenience ile - Special PROVIDE CIRCUIT UNDER THE ALTERNATE BI PROVIDE WITH 5mA GFCI BREAKER. 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Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></t<></td></td<>	A A A A A A A A A A A A A A A A A A A	A 1840 1840 1840 1840 0 VA 0 VA 0 VA 0 VA	104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA	B 120/208 3 4 1840 1840 1840 1840 1840 1840 0 VA 0 VA 0 VA	<ul> <li>Wye</li> <li>Wye</li> <li>Wye</li> <li>1840</li> <li>1840</li> <li>1840</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> </ul>	20818 V/ 6950 V/ 3000 V/ 500 VA 21164 V/ 288 VA 288 VA 1840 1840 1840 1840 0 VA 0 VA 0 VA	A A A A A A A A A A A A A A A A A A A	20 A         20 A <t< td=""><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></t<>	Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare
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Load:       63002 VA         Total Est. Demand:       52720 VA         Total Conn.:       175 A         Total Est. Demand:       146 A         Ide A       Ide A         Al.C. Rating:       Ide A         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Batting Cage #2         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #4       Divider Curtain #6         Basketball Backstop #10       Divider Curtain #8         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         EUH-2 Corr. D104 (NOTE 1)          Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20 A<br>20 A<br>20 A<br>20 A<br>20 A<br>20 A<br>20 A<br>20 A                                                                                                                | Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Conn.:       175 A         Total Est. Demand:       146 A         Ide A       Ide A         Al.C. Rating:       Ide A         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Batting Cage #2         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #4       Divider Curtain #6         Basketball Backstop #10       Divider Curtain #8         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         TSC15Q0XL Relay Nøde #3 Rm. A105       TSC15Q0XL Relay Nøde #3 Rm. A105         EUH-2 Corr. D104 (NOTE 1)          Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| I Cla<br>r<br>ptac<br>e<br>ptac<br>s:<br>E 1:<br>E 2:<br>S:<br>S:<br>T<br>E 1:<br>E 2:<br>E 1:<br>E 2:<br>E 1:<br>E 1:<br>E 2:<br>E 1:<br>E 1:<br>E 1:<br>E 1:<br>E 1:<br>E 1:<br>E 1:<br>E 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ile Convenience<br>ile - Convenience<br>ile - Special<br>PROVIDE CIRCUIT UNDER THE ALTERNATE BI<br>PROVIDE WITH 5mA GFCI BREAKER.<br>Location: ELECTRICAL A1<br>Supply From:<br>Mounting: Surface<br>Enclosure: Type 1<br>Circuit Description<br>Divider Curtain #1<br>Batting Cage #1<br>Basketball Backstop #1<br>Basketball Backstop #2<br>Batting Cage #3<br>Throwing Cage #2<br>Basketball Backstop #5<br>Basketball Backstop #5<br>Basketball Backstop #7<br>Basketball Backstop #7<br>Basketball Backstop #7<br>Divider Curtain #7<br>Divider Curtain #7<br>Divider Curtain #7<br>Divider Curtain #9<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare<br>Spare | Trip<br>20 A<br>20 A | 19864 V/         6950 VA         3000 VA         500 VA         32328 V/         360 VA         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <td< td=""><td>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A</td><td>A<br/>1840<br/>1840<br/>1840<br/>1840<br/>0 VA<br/>0 VA<br/>0 VA<br/>0 VA</td><td>104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA</td><td>B<br/>120/208<br/>3<br/>4<br/>1840<br/>1840<br/>1840<br/>1840<br/>1840<br/>1840<br/>0 VA<br/>0 VA<br/>0 VA</td><td><ul> <li>Wye</li> <li>Wye</li> <li>Wye</li> <li>1840</li> <li>1840</li> <li>1840</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> </ul></td><td>20818 V/<br/>6950 V/<br/>3000 V/<br/>500 VA<br/>21164 V/<br/>288 VA<br/>288 VA<br/>1840<br/>1840<br/>1840<br/>1840<br/>0 VA<br/>0 VA<br/>0 VA</td><td>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A<br/>A</td><td>20 A         20 A      <t< td=""><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></t<></td></td<>       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A<br>1840<br>1840<br>1840<br>1840<br>0 VA<br>0 VA<br>0 VA<br>0 VA                                                                              | 104.80% 100.00% 100.00% 65.47% 80.00% Volts: Phases: Wires: 1840 1840 1840 1840 0 VA 0 VA 0 VA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | B<br>120/208<br>3<br>4<br>1840<br>1840<br>1840<br>1840<br>1840<br>1840<br>0 VA<br>0 VA<br>0 VA                                                                              | <ul> <li>Wye</li> <li>Wye</li> <li>Wye</li> <li>1840</li> <li>1840</li> <li>1840</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> <li>0 VA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20818 V/<br>6950 V/<br>3000 V/<br>500 VA<br>21164 V/<br>288 VA<br>288 VA<br>1840<br>1840<br>1840<br>1840<br>0 VA<br>0 VA<br>0 VA               | A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A<br>A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20 A         20 A <t< td=""><td>Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare</td></t<> | Total Conn. Load:       63002 VA         Total Est. Demand:       52720 VA         Total Est. Demand:       146 A         Total Est. Demand:       146 A         Mains Type:       M.C.B         Mains Type:       M.C.B         Mains Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         MCB Rating:       200 A         Divider Curtain #2       Divider Curtain #3         Throwing Cage #1       Basketball Backstop #3         Basketball Backstop #3       Basketball Backstop #4         Divider Curtain #6       Basketball Backstop #6         Basketball Backstop #10       Divider Curtain #8         TSC1500XL Relay Node #2 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       TSC1500XL Relay Node #3 Rm, A105         TSC1500XL Relay Node #3 Rm, A105       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare         Spare       Spare                            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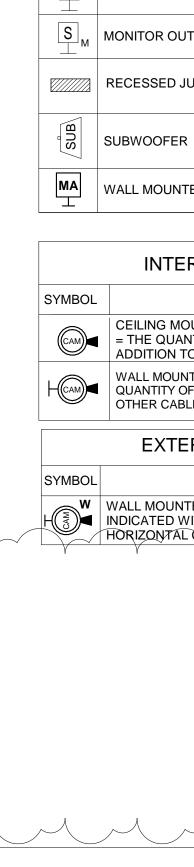
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Motor	45494 VA	101.01%	45954 VA		
				Total Conn. Load:	45494 VA
				Total Est. Demand:	45954 VA
				Total Conn.:	126 A
				Total Est. Demand:	128 A

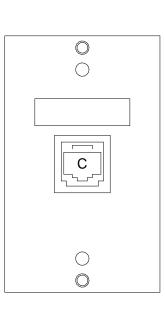
NOTE 1: PROVIDE CIRCUIT UNDER THE ALTERNATE BID.

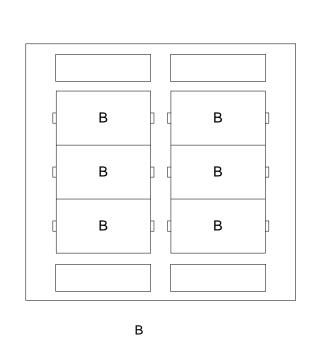


	COMMUNICATIONS SYMBOLS LEGEND				PU
SYMBOL	DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE		SYMBOL	
$\triangleleft$	COMMUNICATIONS OUTLET. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	2			ANTENNA
$\triangleleft_{w}$	WALL MOUNTED COMMUNICATIONS OUTLET. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	1	2	S	CLASSROOM S
	MULTI CAPACITY FLOOR BOX. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	-		SG	GYMNASIUM SC
	POKE-THRU FLOOR BOX. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	-		(S) MP	4" CEILING LOU
VP	CEILING MOUNTED PROJECTOR. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	-		S	CLASSROOM S
	WALL MOUNTED PROJECTOR. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	8/T-501			WALL MOUNTE
W	CEILING MOUNTED WIRELESS ACCESS POINT. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.		(	S	WALL-MOUNTE
⊢₩	WALL MOUNTED WIRELESS ACCESS POINT. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	2 CAT6A	Ę	S	
	CABLE TRAY	-		S _A	LINE ARRAY CC
	LADDER TRAY	-			FULL RANGE CI
$( \rightarrow )$	CONDUIT SLEEVES BETWEEN WALLS	SHOWN ON E3 DRAWINGS			CEILING MOUN
00	2 (TW0) 4" CONDUIT SLEEVES BETWEEN FLOORS	-		M	WALL MICROPH
	TELEPHONE TERMINATION BOARD	-		M	CEILING MICRO
	TECHNOLOGY EQUIPMENT/SOUND RACK	7/T-501		A	AUX. INPUT
	2-POST TECHNOLOGY EQUIPMENT RACK	-		S _M	MONITOR OUTF
	4-POST TECHNOLOGY EQUIPMENT RACK	7/T-501			RECESSED JU
CAM	OVERHEAD DOCUMENT CAMERA. WHEN INDICATED WITH C-x, x = THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	-		sůB	SUBWOOFER

SYMBOL	DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE
A.C.P.	ACCESS CONTROL PANEL	2/T-502
CR	CARD READER	2/T-502
EL	ELECTRONIC LATCH SET WITH ELECTRONIC POWER TRANSFER	2/T-502
⊢	AUTOMATIC DOOR PUSHBUTTON	-
Ū	ABOVE CEILING WALL MOUNTED DOOR ACCESS CONTROLLER JUNCTION BOX. WHEN INDICATED WITH C-x, $x =$ THE QUANTITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO OTHER CABLES NOTED.	2/T-502
•	PUSH TO RELEASE BUTTON	-
ADO	AUTOMATIC DOOR OPERATOR	2/T-502
LD	LOCKDOWN BUTTON	-
AI	AIPHONE DOOR INTERCOM/CAMERA	-
МІ	AIPHONE MAIN INTERCOM/CAMERA CONSOLE DESKPHONE	-



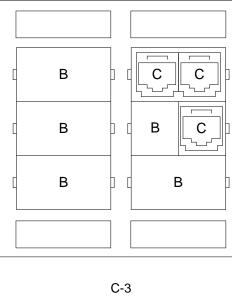




W C-1

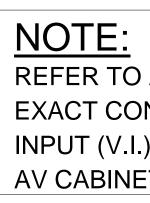
WALL PLATE

BLANK TECHNOLOGY OUTLET

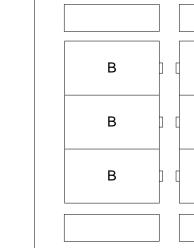


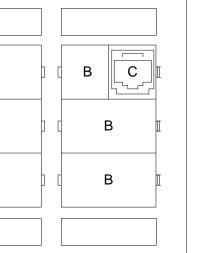


DATA PLATE



DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE					
	-		SYSTEM	TERMINATION (RJ45) PANDUIT	CABLE GENER	
SOUND REINFORCEMENT SPEAKER - CEILING MOUNTED	3/T-502	D	ΑΤΑ	WHITE	BLUE	 E I
SOUND REINFORCEMENT SPEAKER - CEILING MOUNTED	-		IRELESS	BLUE	BLUE	
	-		AMERA	BLUE	BLUE	B
SOUND REINFORCEMENT SPEAKER - WALL MOUNTED	-		CCESS	YELLOW	YELLO	
ED SPEAKER	-		VAC	RED	RED	
ED SPEAKER OUTLET	-					
	1/T-503					CONTR
OLUMN SPEAKERS - WALL MOUNTED	-					FURN
CEILING SPEAKER	-			RD READERS, DOOR CON CURITY CABLING & ROU		NC YE
	-			OR AND MOUNTS OR MISC. CABLING (IN V	VALL)	YE
PHONE INPUT	-			PATCH CABLES	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	YE
		1 \	IRELESS C BER BACKI			NC YES
OPHONE	-			AND TEST		YE
	-			DSER WITH LC COUPLER	R PANEL	YES
				QUIPMENT		NC
TPUT	-		ETWORK S	FP		
JNCTION BOX FOR SOUND SYSTEM	-		F RACKS	FORCEMENT		YES YES
				CE CAMERAS	$\checkmark$	
	_			CE CAMERAS CAT6A CA	BLING	YE
		W	IRELESS A	CCESS POINTS		NO
ED MICROPHONE/AUXILIARY INPUT	1/T-503		IRELESS A	CCESS POINTS CAT6A C	ABLING	YE
RIOR VIDEO SURVEILLANCE CAMERA SYMBOL	SLEGEND	]				
DESCRIPTION	WIRING DETAIL(S) UNLESS	_				
UNTED VIDEO SURVEILLANCE CAMERA. WHEN INDICATED WITH C-x ITITY OF COMMUNICATIONS COPPER HORIZONTAL CABLING, IN O OTHER CABLES NOTED.						
TED VIDEO SURVEILLANCE CAMERA. WHEN INDICATED WITH C-x, x = THI F COMMUNICATIONS COPPER HORIZONTAL CABLING, IN ADDITION TO LES NOTED.	E 1/T-502					
RIOR VIDEO SURVEILLANCE CAMERA SYMBOL	S LEGEND					
DESCRIPTION	WIRING DETAIL(S) UNLESS NOTED OTHERWISE					
ED WEATHERPROOF VIDEO SURVEILLANCE CAMERA. WHEN ITH C-x, $x =$ THE QUANTITY OF COMMUNICATIONS COPPER	1/T-502					
CABLING, IN ADDITION TO OTHER CABLES NOTED.						
		Z	A A A A A A A A A A A A A A A A A A A			
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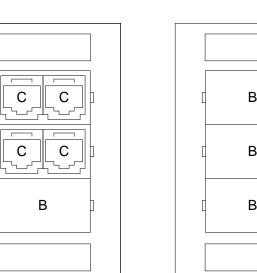


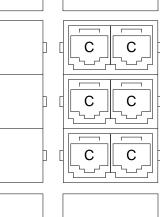


	В	
[	В	B
[	В	B

C-2

C-1 DATA PLATE





# C-6 DATA PLATE

# DATA PLATE

# TECHNOLOGY FACEPLATE ABBREVIATIONS

C - RJ45 DATA JACK **B - BLANK INSERT** WB - RJ-45 JACK FOR USB INTERACTIVITY HD - RJ45 JACK FOR VIDEO 3.5mm - 3.5mm JACK HDMI - HDMI CONNECTOR

**REFER TO AV WIRING DETAILS FOR** EXACT CONFIGURATIONS OF VIDEO INPUT (V.I.), VIDEO OUTPUT (VO), AND AV CABINET LOCATIONS..

В

C-4

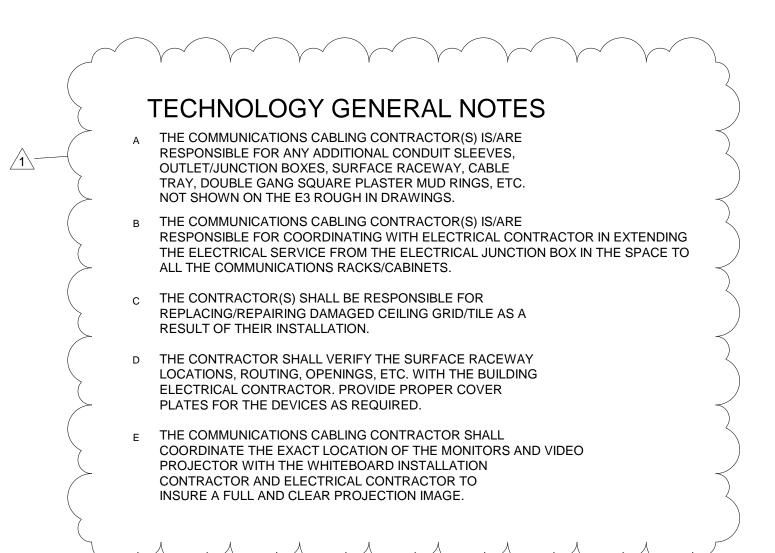
DATA PLATE

WALL PLATE CONFIGURATIONS NO SCALE

# BLE COLOR LEGEND

PATCH CABLE FCH PANEL)	PATCH CABLE (STATION)
BLUE	BLACK
NHITE	WHITE
BLACK	BLACK
(ELLOW	YELLOW
RED	RED

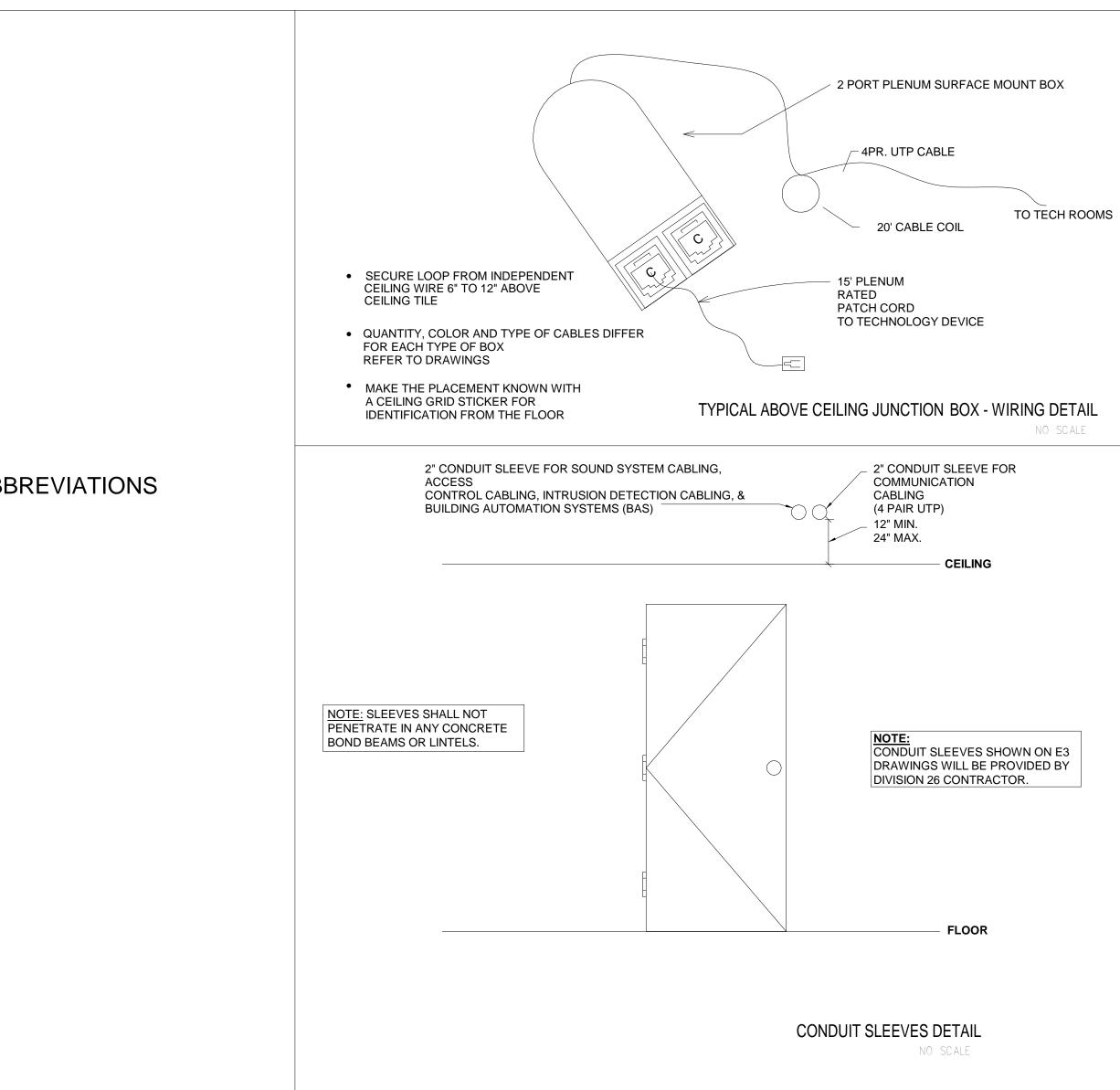
RACTOR RNISH	CONTRACTOR INSTALL	OWNER FURNISH	OWNER INSTALL	
NO	NO	YES	YES	
YES	YES	NO	NO	
YES	YES	NO	NO	
'ES	YES	NO	NO	$\nearrow$
YES	YES Y	NŎ	NO	Γ
NO	NO	YES	YES	
′ES	YES	NO	NO	
′ES	YES	NO	NO	-
′ES	YES	NO	NO	
NO	NO	YES	YES	_
NO	NO	YES	YES	_
′ES	YES	NO	NO	
YES ,	YES	NQ	ŅO	г
NO V	NO	YES	YES	
′ES	YES	NO	NO	
NO	YES	YES	NO	
′ES	YES	NO	NO	



# TECHNOLOGY ABBREVIATIONS

ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED BELOW.

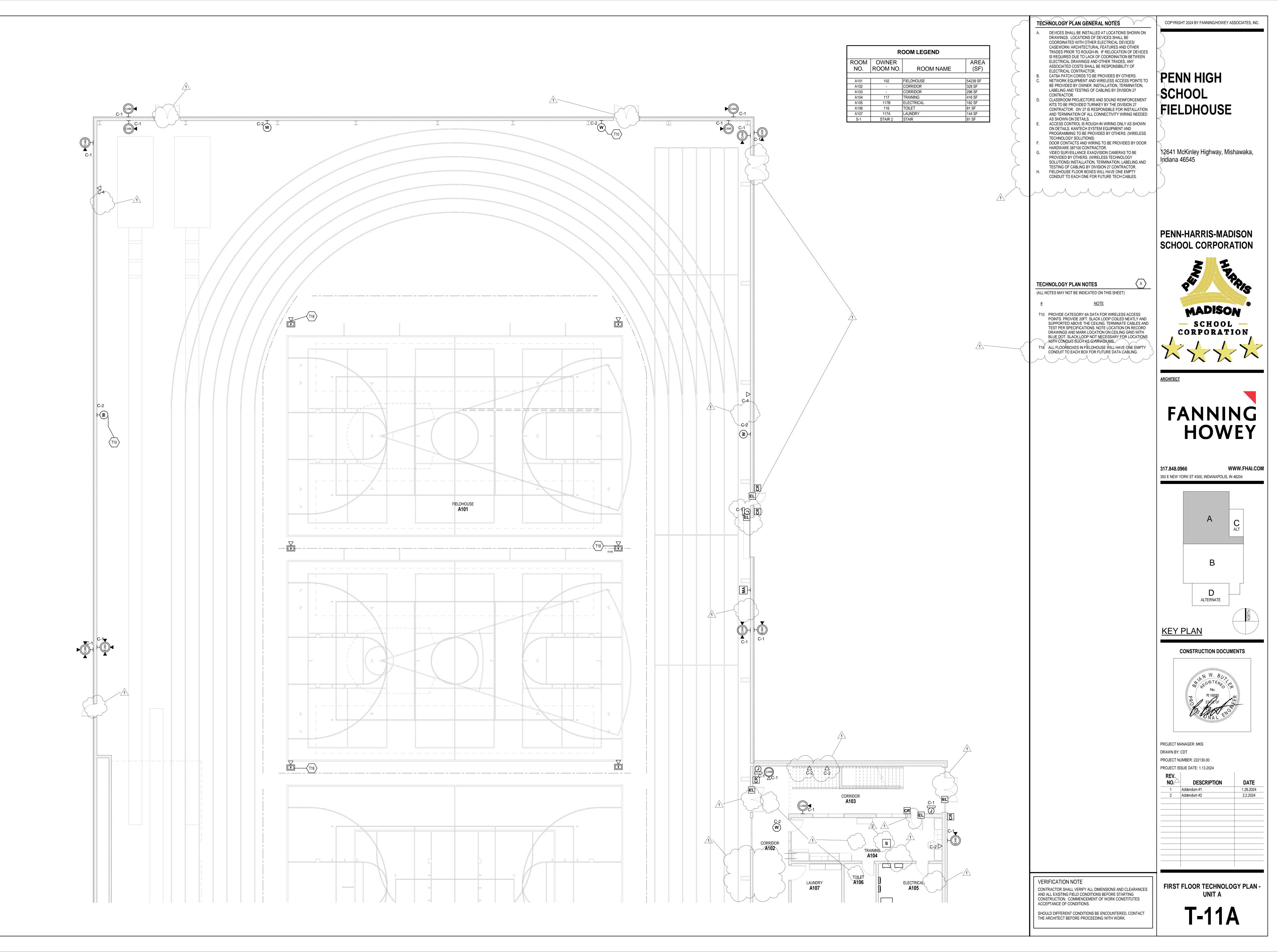
AFF AFG B C CATV J MC/ER / MDF +N NIC NTS TCP TR / IDF T.T.B. TV UNO VIF VC W V.I. D WG R DF WP VO PTZ ETR VP S	ABOVE FINISH FLOOR ABOVE FINISH GRADE BLANK CONDUIT CABLE ANTENNA TELEVISION JUNCTION BOX MAIN CROSS-CONNECT/EQUIPMENT ROOM / MAIN DISTRIBUTION FRAME INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR UNLESS NOTED OTHERWISE NOT IN CONTRACT NOT TO SCALE TEMPERATURE CONTROL PANEL TELECOMMUNICATIONS ROOM / INTERMEDIATE DISTRIBUTION FRAME TELEPHONE TERMINATION BOARD TELEVISION UNLESS NOTED OTHERWISE VERIFY IN FIELD VOLUME CONTROL WALL MOUNTED VIDEO INPUT LOCATION DEMO TABLE WIRE GUARD RELEASE DUAL FACE WEATHER PROOF VIDEO OUTPUT PAN TILT ZOOM EXISTING TO REMAIN VIDEO PROJECTOR SURFACE MOUNTED
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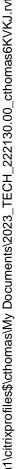


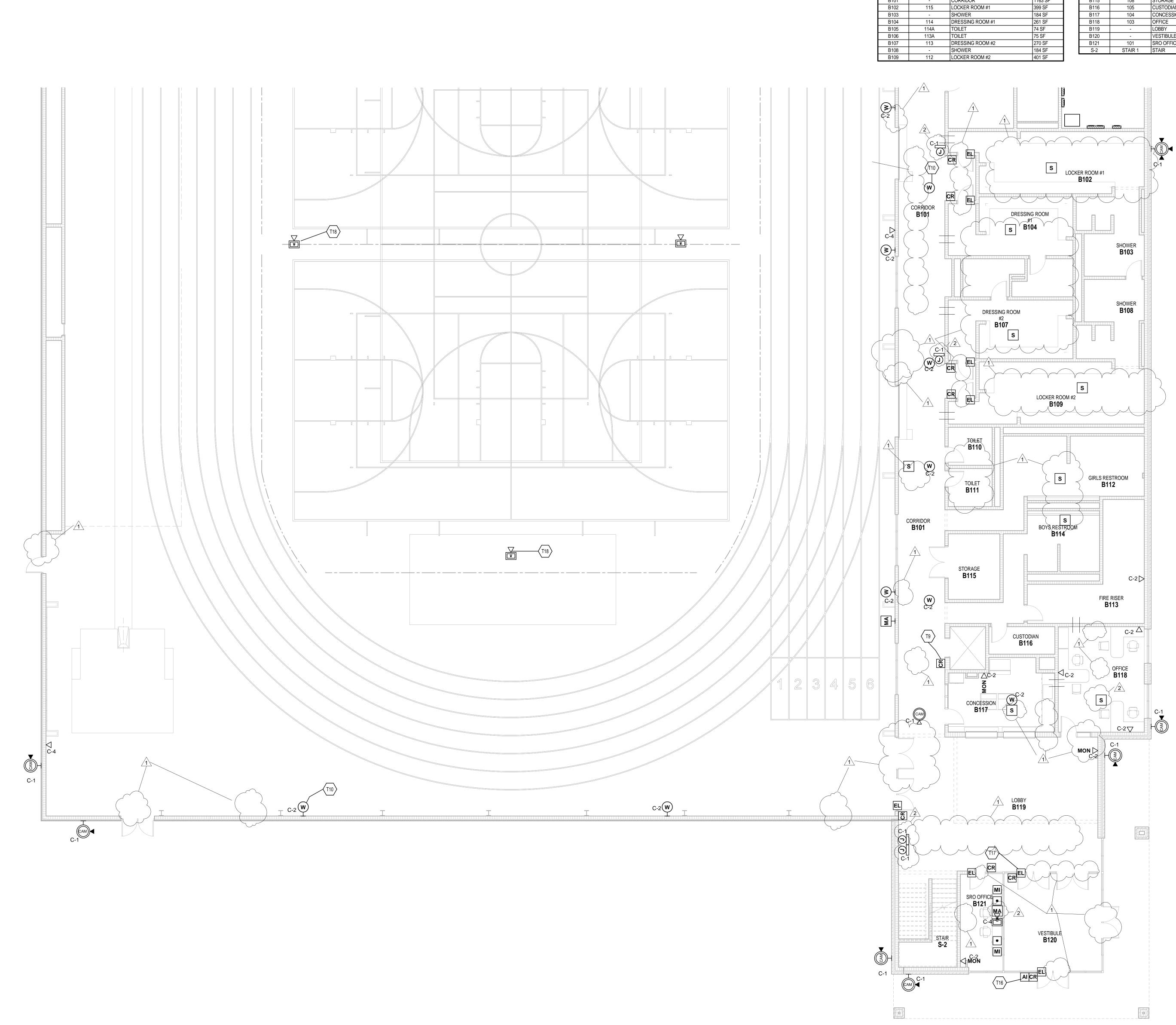










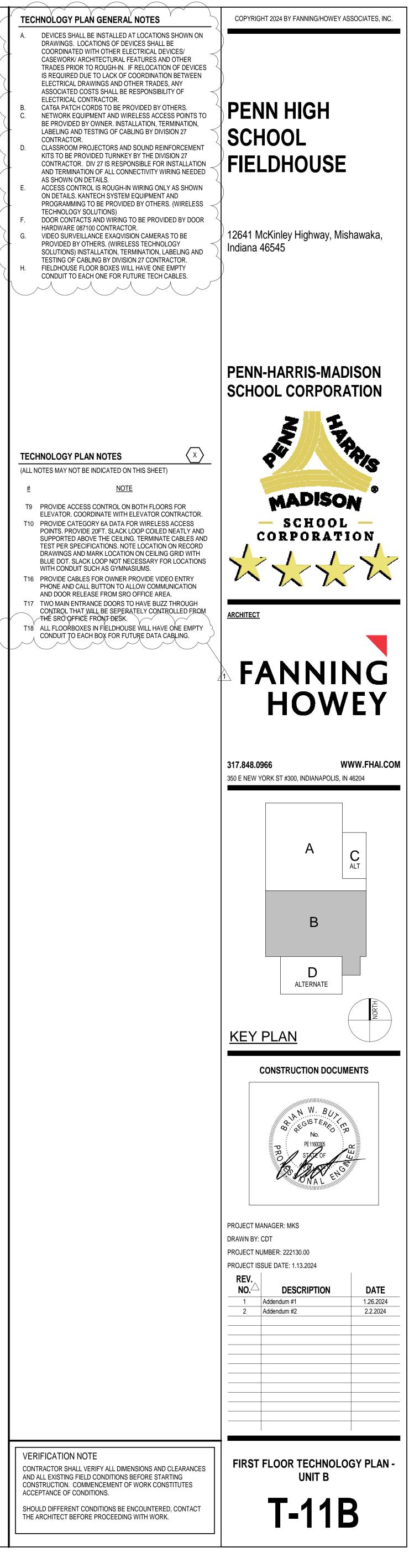


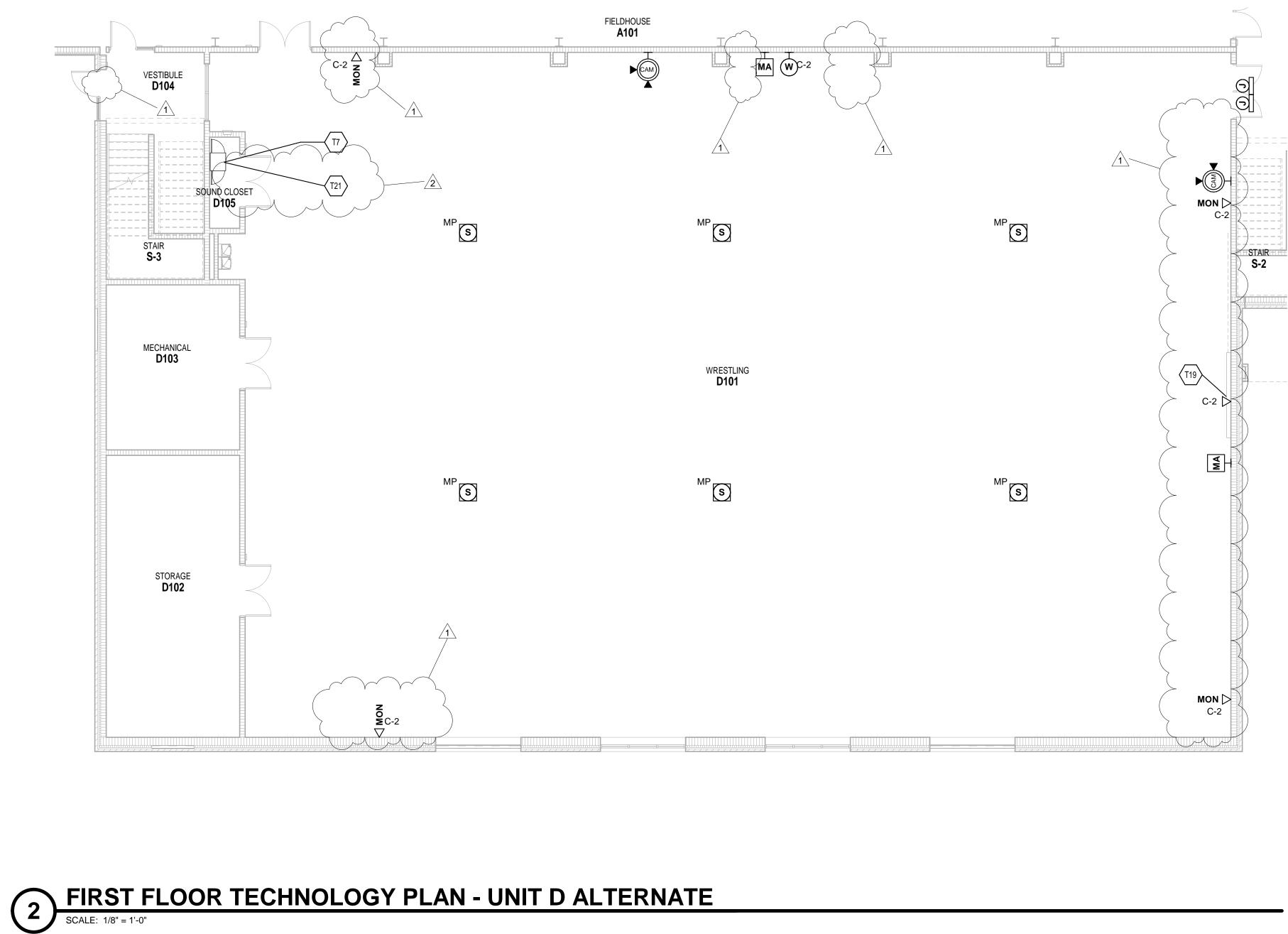
ROOM NO. A101 A102 A105 A106 A107 B101 B102 B103 B104 B105 B106 B107 B108 B109

ROOM LEGEND							
OWNER ROOM NO.	ROOM NAME	AREA (SF)					
102	FIELDHOUSE	54239 SF					
-	CORRIDOR	328 SF					
117B	ELECTRICAL	182 SF					
116	TOILET	81 SF					
117A	LAUNDRY	144 SF					
-	CORRIDOR	1163 SF					
115	LOCKER ROOM #1	399 SF					
-	SHOWER	184 SF					
114	DRESSING ROOM #1	261 SF					
114A	TOILET	74 SF					
113A	TOILET	75 SF					
113	DRESSING ROOM #2	270 SF					
-	SHOWER	184 SF					
112	LOCKER ROOM #2	401 SF					

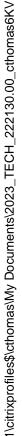
ROOM LEGEND						
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)			
B110	111	TOILET	63 SF			
B111	110	TOILET	63 SF			
B112	109	GIRLS RESTROOM	388 SF			
B113	106	FIRE RISER	304 SF			
B114	107	BOYS RESTROOM	270 SF			
B115	108	STORAGE	127 SF			
B116	105	CUSTODIAN	68 SF			
B117	104	CONCESSION	263 SF			
B118	103	OFFICE	341 SF			
B119	-	LOBBY	1039 SF			
B120	-	VESTIBULE	369 SF			
B121	101	SRO OFFICE	157 SF			
S-2	STAIR 1	STAIR	115 SF			

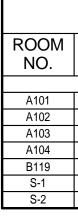
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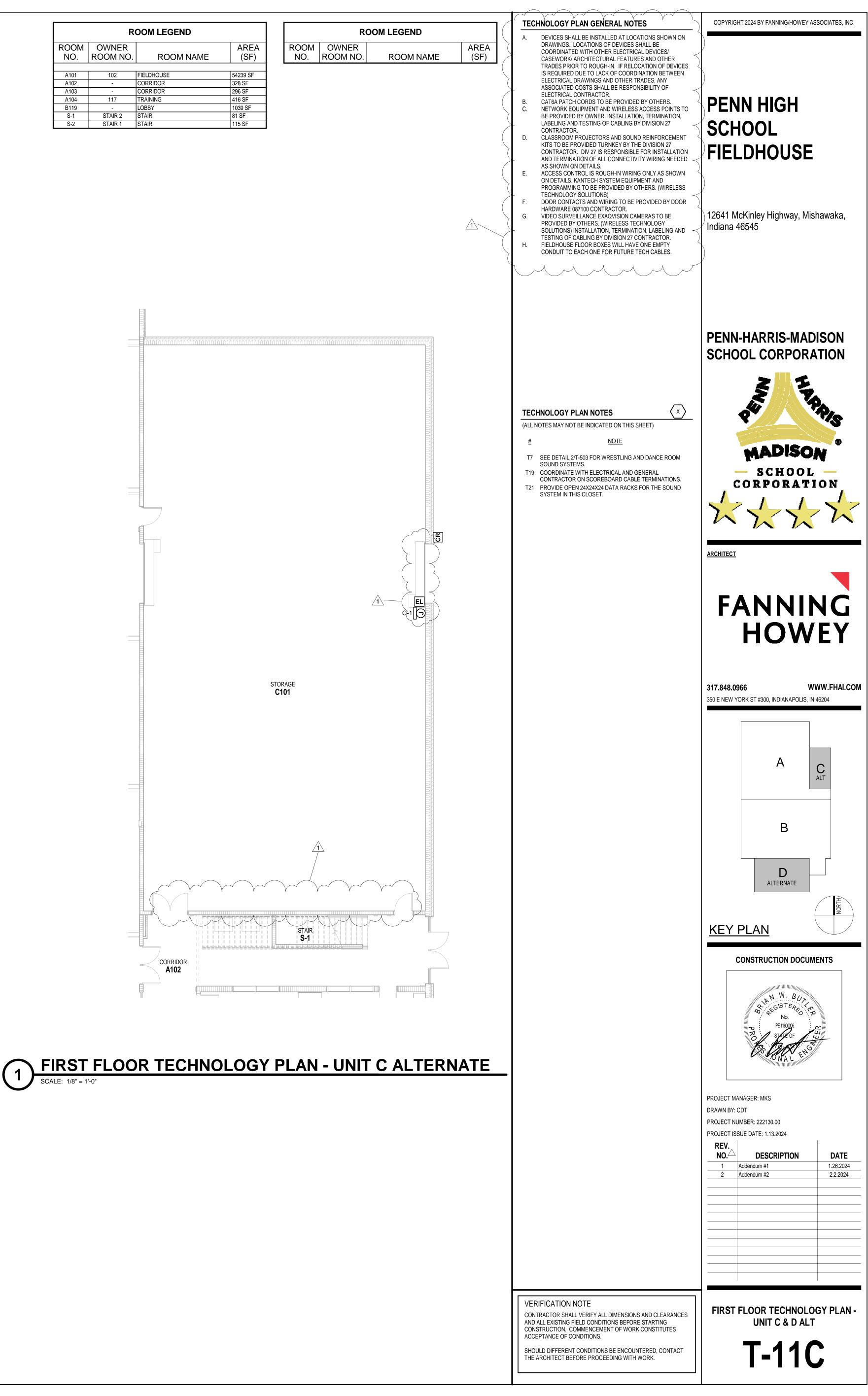


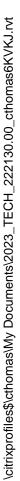


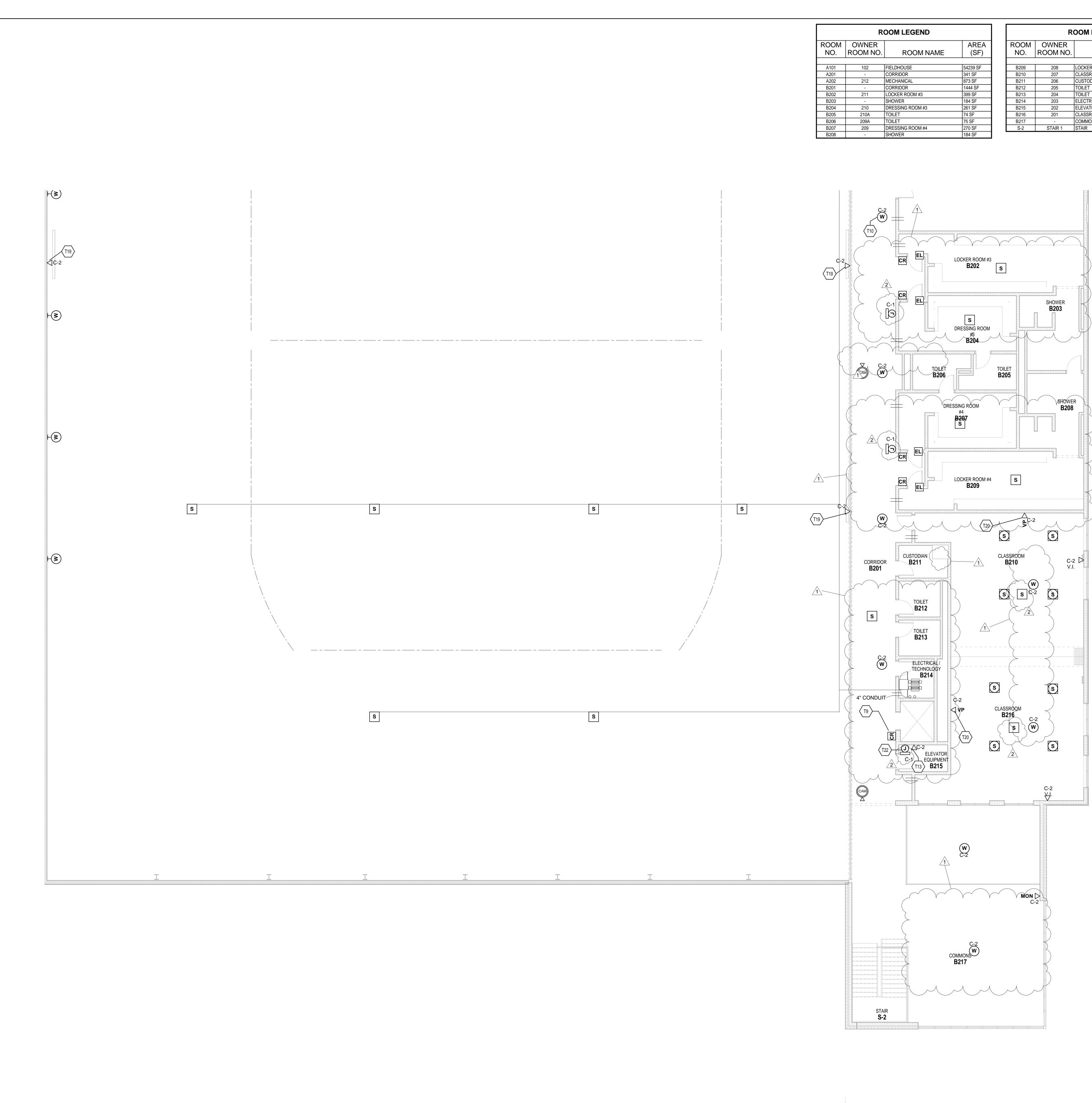












OM LEGEND			
	AREA		
ROOM NAME	(SF)		
ELDHOUSE	54239 SF		
ORRIDOR	341 SF		
ECHANICAL	873 SF		
ORRIDOR	1444 SF		
OCKER ROOM #3	399 SF		
IOWER	184 SF		
RESSING ROOM #3	261 SF		
DILET	74 SF		
DILET	75 SF		
RESSING ROOM #4	270 SF		
	184 SE		

ROOM LEGEND				
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)	
NO.		ROOMINAME		
B209	208	LOCKER ROOM #4	402 SF	
B210	207	CLASSROOM	842 SF	
B211	206	CUSTODIAN	67 SF	
B212	205	TOILET	63 SF	
B213	204	TOILET	63 SF	
B214	203	ELECTRICAL / TECHNOLOGY	58 SF	
B215	202	ELEVATOR EQUIPMENT	55 SF	
B216	201	CLASSROOM	840 SF	
B217	-	COMMONS	984 SF	
S-2	STAIR 1	STAIR	175 SF	

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