



ADDENDUM

03 | 250124

School District of Lancaster

McCaskey High School Stadium Projects
Lancaster, PA

Date of Addendum: 24 January, 2025

Marotta/Main Architects Project No.
24-SDL-03

The original Project Manuals and Drawings dated 06 January, 2025 for the project noted above, are amended as noted in this Addendum No. 03.

Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Bid Form.

This Addendum consists of 5 Pages and all attachments listed.

CLARIFICATIONS

No items

SPECIFICATIONS

VOLUME 1 – LEGAL SPECIFICATIONS

03.01 Refer to Specification Section 00 02 00 INSTRUCTIONS TO BIDDERS, REVISE 4.1.11 paragraph 2 to read:

‘All proposals shall be clearly marked “BID PROPOSAL MCCASKEY HIGH SCHOOL STADIUM PROJECTS FOR 3:00 PM BID OPENING.”’

03.02 Refer to Specification Section 01 12 00 MULTIPLE CONTRACT SUMMARY,

- a. Section 1.6.H, DELETE references to telephone service. Telephone service not required.
- b. ADD to 1.10.H, ‘15. Refer to Stadium Lighting (MUSCO) section 1.13 for additional responsibilities.’
- c. ADD to 1.10.H, ‘16. Refer to Scoreboard (NEVCO) section 1.14 for additional responsibilities.’
- d. REVISE 1.13 STADIUM LIGHTING (MUSCO) to read as follows:

‘A. MUSCO to provide stadium lighting fixtures and lighting controls. Electrical Contractor Scope of Work:

 1. EC shall install athletic lighting control equipment furnished by Musco and provide all wiring/conduit for athletic lighting.
 2. EC shall make final wiring terminations at Musco controllers and pole mounted lights and shall test all wiring and connections.
 3. See Electrical Drawings and Specifications for additional details. Coordinate all work with Musco.’
- e. REVISE 1.14 SCOREBOARD (NEVCO) to read as follows:

‘H. NEVCO to provide new scoreboard. Electrical Contractor Scope of Work:

 1. Provide electrical panel at scoreboard and associated feeder wiring/conduit.

2. Make all final power connections in the panel; except for branch circuit wiring from video boards which shall be terminated by NEVCO.
3. Provide branch circuit wiring and connections to 120V receptacle in fiber converter box provided by NEVCO.
4. Provide conduit with pullstring and associated handholes between scoreboard and pressbox for fiber optic cabling by NEVCO.
5. See Electrical Drawings and Specifications for additional details. Coordinate all work with NEVCO.'

VOLUME 2 – TECHNICAL SPECIFICATIONS

No items

VOLUME 3 – MEP & SITE/CIVIL SPECIFICATIONS

03.03 Refer to Specification Section 24 04 40 – 2.10 THERMOSTATIC MIXING VALVE (TMV-1), ADD to paragraph B: Acorn Controls

03.04 Refer to Specification Section 24 04 40 – PART 2 PRODUCTS, ADD the following:

2.13 HANDICAPPED WATER CLOSET (WC-3)

- A. Furnish and install American Standard elongated Madera FloWise Toilet Model 3043.001, 1.1-gpf, capable of operating range of 1.1-gpf to 1.6-gpf. Unit shall be vitreous china with siphon jet action, elongated bowl, 1/2" top spud, and bolt caps. Unit shall be supplied with Church #5321.112 (black) open front seat and Sloan Royal 111.-1.6 exposed chrome plated, diaphragm type, escutcheon, integral stop, and vacuum breaker (1.6 gpf) flushometer. Unit shall be handicapped height.

03.05 Refer to Specification Section 26 06 20 SCHEDULES FOR ELECTRICAL DISTRIBUTION EQUIPMENT, and make the following changes:

- a. Panel VL1; Ckt #50: Add 1P.20A breaker with Note #3 for "Rec - Field Timeclock".
- b. Panel VL1; Ckt #52: Add 1P.20A breaker with Notes #3,4 for "Rec - Field Handholes".
- c. Panel HL1; Ckt #77: Add 1P.20A breaker with Notes #3,4 for "Rec - Midfield Handhole".
- d. Panel VH1: Replace schedule with attached schedule.
- e. Panel LS-VH1: Replace schedule with attached schedule.

03.06 Refer to Specification Section 26 06 70 DIGITAL LIGHTING RELAY CONTROL SCHEDULES, and make the following changes:

- a. Control Panel LCP-V; Relay #1: Revise Panelboard Circuit # to VH1-27.

DRAWINGS

ARCHITECTURAL DRAWINGS

03.07 Refer to Drawing A1.2 – FIRST FLOOR PLANS

- a. ADD Door tag H-107.2 to the door between Room H-106 WORKOUT ROOM and H-107 ATHLETIC TRAINERS.

- b. ADD Door tag H-110 to door at room H-110 RESTROOM.
 - c. Refer to MENS RESTROOM V-107 - REVISE partition type between last stall column line 15 to read as MX.
- 03.08 Refer to Drawing A1.3 - SECOND FLOOR PLAN.
- a. ADD Detail 7/A1.3 – Refer to sketch ASK-05.
 - b. ADD Detail mark 7/A1.3 to detail 3/A1.3 – Refer to sketch ASK-05.
 - c. Refer to Detail 4/A1.3 – REVISE note 'PRE-FINISHED ALUM. COPING' to read as 'PRE-FINISHED ALUMINUM FORMED COPING, 0.050 INCH (1.27 mm) THICK, JOINTS BUTTED WITH EXPANSION SPACE AND 6-INCH WIDE EXPOSED COVER PLATE' REFER TO SMACNA PLATE 77 FIGURE A'.
- 03.09 Refer to Drawing A3.1 BUILDING SECTIONS – REVISE elevations heights – Reissue sheet A3.1
- 03.10 Refer to Drawing A8.5 – ENLARGED PLANS & INTERIOR ELEVATIONS
- a. REVISE location of the water closet and sink. - Refer to sketch ASK-04.
 - b. ADD P4 partition - Refer to sketch ASK-04.
- 03.11 Refer to Drawing A9.1 – DOORS & WINDOW SCHEDULE & TYPES
- a. REVISE Doors H105.1.2 and H-111.1 frame types to read HM1
 - b. DELETE Doors exH-107.3 and H-107.4 from door schedule.

STRUCTURAL DRAWINGS

No items

PLUMBING DRAWINGS

- 03.12 Refer to Drawing P0.1, PLUMBING SCHEDULES AND NOTES
- a. Replace drawing with attached drawing.
- 03.13 Refer to Drawing P2.1, FIRST FLOOR PLAN PLUMBING
- a. Replace drawing with attached drawing.
- 03.14 Refer to Drawing P3.1, ENLARGED PLUMBING PLANS
- a. Replace drawing with attached drawing.
- 03.15 Refer to Drawing P3.2, ENLARGED PLUMBING PLANS
- a. Replace drawing with attached drawing.
- 03.16 Refer to Drawing P5.1, CONCESSION STAND PLANS PLUMBING
- a. ELECTRIC WATER HEATER DETAIL, REVISE note - ELECTRIC WATER HEATER, MOUNTED FROM CEILING, 30 GAL STORAGE, 18.0 GPH AT 100°F RISE, 4.5 KW, 208V/3/60 to say EXISTING WATER HEATER RELOCATED.

MECHANICAL DRAWINGS

No items.

ELECTRICAL DRAWINGS

- 03.17 Refer to Drawing E1.1, SITE PLAN - ELECTRICAL DEMOLITION
a. Replace drawing with attached drawing.
- 03.18 Refer to Drawing E1.2, SITE PLAN – ELECTRICAL
a. Replace drawing with attached drawing.
- 03.19 Refer to Drawing E1.3, SITE PLAN - SITE LIGHTING
a. Replace drawing with attached drawing.
- 03.20 Refer to Drawing E1.4, SITE PLAN - ATHLETIC LIGHTING
a. Replace drawing with attached drawing.
- 03.21 Refer to Drawing E2.1, FIRST FLOOR PLANS - ELECTRICAL DEMOLITION
a. Replace drawing with attached drawing.
- 03.22 Refer to Drawing E3.1, FIRST FLOOR PLANS – LIGHTING
a. Replace drawing with attached drawing.
- 03.23 Refer to Drawing E3.2, SECOND FLOOR PLAN – LIGHTING
a. Replace drawing with attached drawing.
- 03.24 Refer to Drawing E3.3, BLEACHER PLANS – LIGHTING
a. Replace drawing with attached drawing.
- 03.25 Refer to Drawing E5.1, FIRST FLOOR PLANS – SYSTEMS
a. Replace drawing with attached drawing.
- 03.26 Refer to Drawing E5.2, SECOND FLOOR PLAN – SYSTEMS
a. Replace drawing with attached drawing.
- 03.27 Refer to Drawing E5.3, BLEACHER PLANS – SYSTEMS
a. Replace drawing with attached drawing.
- 03.28 Refer to Drawing E7.1, POWER RISER DIAGRAM
a. Replace drawing with attached drawing.
- 03.29 Refer to Drawing E7.2, TELECOMMUNICATIONS RISER DIAGRAM
a. Replace drawing with attached drawing.
- 03.30 Refer to Drawing E8.1, ELECTRICAL DETAILS
a. Replace drawing with attached drawing.

END OF ADDENDUM 03

Respectfully Submitted,

Connie King, AIA, ALEP, GGP
Marotta/Main Architects, Inc.

Attachments:

26 06 20 SCHEDULES FOR ELECTRICAL DISTRIBUTION EQUIPMENT - PANEL VH1, LS-VH1

A3.1	BUILDING SECTIONS
ASK-04	RESTROOM H-103
ASK-05	WALL CAP INFILL AT END WALLS
P0.1	PLUMBING SCHEDULES AND NOTES
P2.1	FIRST FLOOR PLAN PLUMBING
P3.1	ENLARGED PLUMBING PLANS
P3.2	ENLARGED PLUMBING PLANS
E1.1	SITE PLAN - ELECTRICAL DEMOLITION
E1.2	SITE PLAN - ELECTRICAL
E1.3	SITE PLAN - SITE LIGHTING
E1.4	SITE PLAN - ATHLETIC LIGHTING
E2.1	FIRST FLOOR PLANS - ELECTRICAL DEMOLITION
E3.1	FIRST FLOOR PLANS - LIGHTING
E3.2	SECOND FLOOR PLAN - LIGHTING
E3.3	BLEACHER PLANS - LIGHTING
E5.1	FIRST FLOOR PLANS - SYSTEMS
E5.2	SECOND FLOOR PLAN - SYSTEMS
E5.3	BLEACHER PLANS - SYSTEMS
E7.1	POWER RISER DIAGRAM
E7.2	TELECOMMUNICATIONS RISER DIAGRAM
E8.1	ELECTRICAL DETAILS

24-SDL-03 MCCASKEY HIGH SCHOOL STADIUM PROJECTS
SCHOOL DISTRICT OF LANCASTER PROJECT # CP802

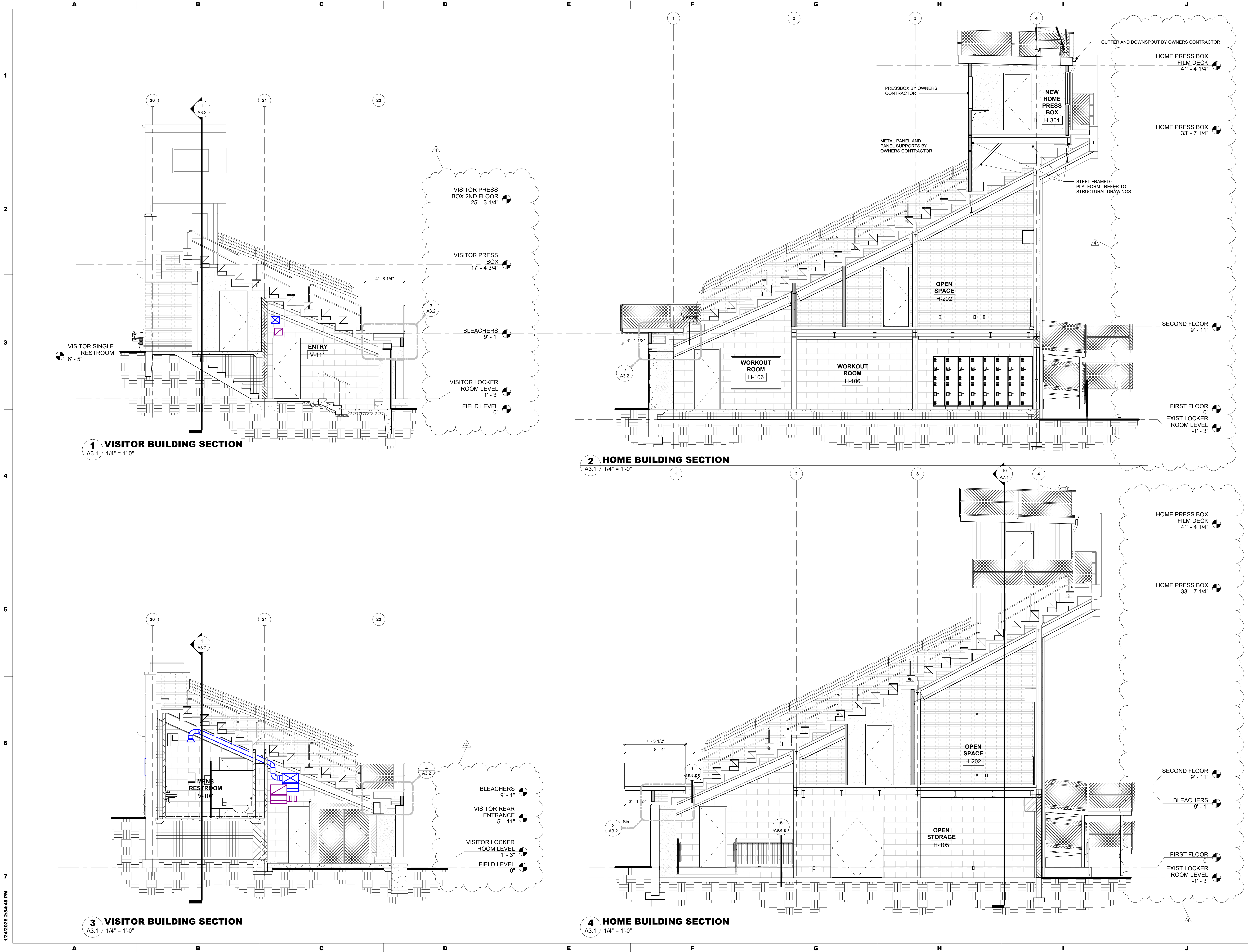
PANEL		Bus:	225A Main Lugs	Additional Panel Notes											
VH1		Volts:	277/480V, 3PH, 4W	100% Neutral with Ground Bus											
		Poles:	42	Integral TVSS H3											
		AIC:	14,000												
		Mounting:	Surface	Fed From: Distribution Panel DPV											
CKT.	Breaker		Description	Notes	Load						Notes	Description	Breaker		CKT.
	Amp	Pole			A		B		C				Pole	Amp	
1	60	3	Pole F1,F2,F3 - Football	3	11.2	2.5					3,9	Pole A1,A2 - Softball	3	30	2
3							11.2	2.5							4
5									11.2	2.5					6
7	60	3	Pole F4,F5,F6 - Football	3	11.2	3.4					3,9	Pole B1 - Softball	3	30	8
9							11.2	3.4							10
11									11.2	3.4					12
13	30	3	Pole F4,F5,F6 - Practice Field	3	5.0	3.4					3,9	Pole B2 - Softball	3	30	14
15							5.0	3.4							16
17									5.0	3.4					18
19	30	2	Pole F1,F3,F4,F6 - FB Accent		1.3	1.3					3,9	Pole A1,A2,B1,B2 - Softball Accent	2	30	20
21							1.3	1.3							22
23										1.1	3,9	Pole A1 - Softball Bullpen	3	30	24
25	20	1	Ltg - Interior		0.2	1.1									26
27	20	1	Site Ltg - Poles	3			1.0	1.1							28
29	20	1	Spare									Spare	1	20	30
31	20	1	Spare									Spare	3	30	32
33	20	1	Spare												34
35	20	1	Spare												36
37	60	3	Spare			2.2						ERV-V1	3	15	38
39								2.2							40
41										2.2					42
					42.8		43.6		40.0		Total Connected Load KVA: 126.4 KVA				
					Phase Totals										

(Addendum 3)

24-SDL-03 MCCASKEY HIGH SCHOOL STADIUM PROJECTS
SCHOOL DISTRICT OF LANCASTER PROJECT # CP802

PANEL			Bus:	225A Main Lugs	Additional Panel Notes										
LS-VH1 (LIFE-SAFETY)			Volts:	277/480V, 3PH, 4W	100% Neutral with Ground Bus										
			Poles:	24	Integral TVSS H2										
			AIC:	14,000	Feed-Thru Lugs										
			Mounting:	Surface	Fed From: Distribution Panel DPV and Generator via ATS-LS										
CKT.	Breaker		Description	Notes	Load						Notes	Description	Breaker		CKT.
	Amp	Pole			A		B		C				Pole	Amp	
1	15	1	Emergency Ltg - Exterior Step Lights	3	0.5	2.3					3	Pole F1,F2,F3 - FB Egress/Color	2	60	2
3	15	1	Emergency Ltg - Exterior Bldg Mtd				0.6	2.3							4
5	15	1	Emergency Ltg - Interior South						2.1						6
7	15	1	Emergency Ltg - Interior North, Pressbox		2.1	0.5						Exit Signs	1	15	8
9	15	1	Athletic Lighting Emergency Controller				0.5	2.3			3	Pole F4,F5,F6 - FB Egress/Color	2	60	10
11									2.3						12
13															14
15															16
17															18
19	15	1	Spare			3.5					2,10	Panel LS-HH1	3	70	20
21	15	1	Spare					2.9				(Subfeed Breaker)			22
23	15	1	Spare						3.0						24
					8.9		8.6		7.4		Total Connected Load KVA: 24.9 KVA				
					Phase Totals										

(Addendum 2)
(Addendum 3)



1/24/2025 2:54:48 PM

MAROTTA/MAIN
ARCHITECTS

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School District of Lancaster
Together We Can!

SEAL:

CONSULTANT:

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES	DESCRIPTION	BID DOCUMENTS	ADDENDUM 03
DATE:	01/05/2025	01/24/25	

PROJ # : 24-SOL-03 DRAWN BY : SAB

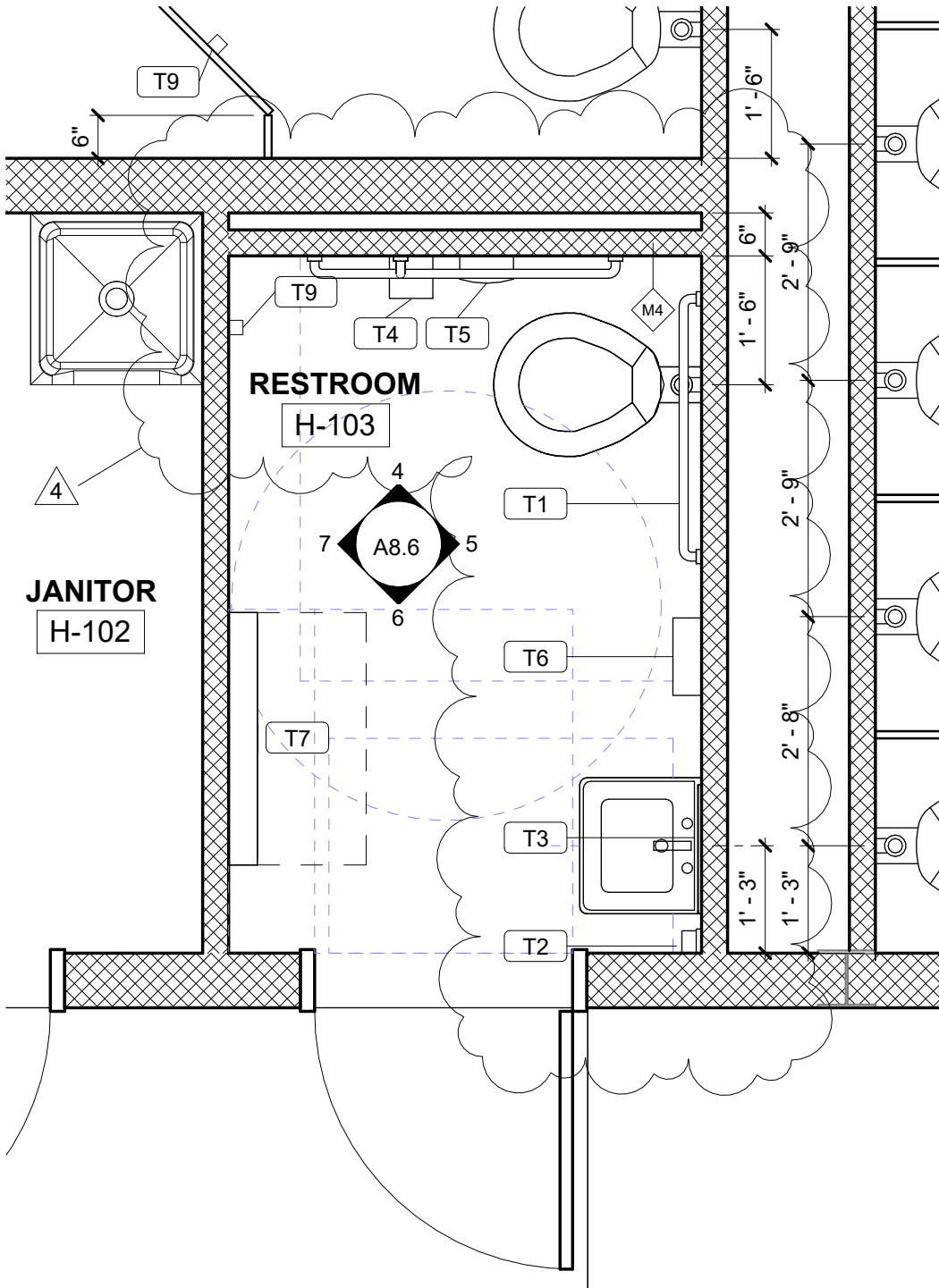
SHEET TITLE:

BUILDING SECTIONS

SHEET NUMBER:
A3.1

ADDENDUM 03

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1 ENLARGED RESTROOM PLAN
 ASK-04 1/2" = 1'-0"

RENOVATIONS
 J.P. MCCASKEY STADIUM PROJECTS
 SCHOOL DISTRICT OF LANCASTER
 445 N RESERVOIR ST, LANCASTER, PA 17602

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DRAWN BY: WEM

DATE: 01/24/25

SHEET TITLE:
**RESTROOM
 H-103**

SHEET NUMBER:
ASK-04

4

1/8" X 1/2" S.S. BATTEN BAR SECURED WITH 1 1/4" X 1/4" BLUE COATED TAPCONS - REFER TO MANUF. SPECS. FOR SPACING TOP AND BOTTOM

#3 X 6" LONG DOWEL @24" O.C., 6" FROM EA. END. DRILL + EPOXY SET W/ HILTI HIT HY 200 V3, MIN 2 1/2" EMBED

WATERSTOP - BASIS OF DESIGN JP SPECIALTIES, INC JP450T CENTER BULB RETROFIT WATERSTOP

CONT. #4 DOWEL, TOP AND BOTTOM

REINF CONCRETE

EXISTING CONCRETE BLEACHER STRUCTURE

METAL PLATOFRM BY OWNERS CONTRACTOR

EXISTING BRICK VENEER

1 SECTION DETAIL

ASK-05 1 1/2" = 1'-0"

ADD AS DETAIL 7/A1.3

5

A1.3

NEW END POST EMBEDDED IN BRICK WALL - REFER TO STRUCTURAL DRAWINGS

INSTALL SALVAGED 3 SIDED TERRA COTTA END PIECE

NEW HANDRAIL BEYOND BY OWNER'S CONTRACTOR

PROFILE OF EXIST END WALL REMOVED

GUARDRAIL BY OWNER'S CONTRACTOR

AWAY BLEACHER BLEACHERS
9' - 1"

PRE-FINISHED ALUM COATING

RE-BUILD END OF WALL WITH SALVAGED BRICK, TOOTH-IN MATCH EXISTING FLEMISH BOND

VISITOR LOCKER
ROOM LEVEL
1' - 3"

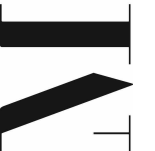
2

PARTIAL ELEVATION

ASK-05 1/2" = 1'-0"

REFER TO DETAIL 3/A1.3

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RENOVATIONS
J.P. MCCASKEY STADIUM PROJECTS
SCHOOL DISTRICT OF
LANCASTER

445 N RESERVOIR ST, LANCASTER, PA 17602

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DRAWN BY: WEM

DATE: 01/24/25

SHEET TITLE:
**WALL CAP
INFILL AT END
WALLS**

SHEET NUMBER:

ASK-05

SKETCH SHEET REFERENCE DWG. NUMBER:

PLUMBING NOTES:

1. INDIVIDUAL FIXTURE PIPING CONNECTION SIZES SHALL BE IN ACCORDANCE WITH PLUMBING FIXTURE SCHEDULE.
2. ANY PHYSICAL INSTALLATION MODIFICATIONS DUE TO FIELD CONDITIONS SHALL BE RESOLVED BY THE PLUMBING CONTRACTOR IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MECHANICAL ENGINEER AT NO ADDITIONAL EXPENSE TO THE OWNER.
3. ALL WASTE LINES AS SHOWN SHALL BE BELOW FLOOR UNLESS OTHERWISE NOTED. ALL VENT LINES SHALL BE CONCEALED IN WALLS OR ABOVE CEILING. ALL WATER PIPING SHALL BE CONCEALED WHERE PHYSICALLY POSSIBLE.
4. THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL CODES, LOCAL, STATE AND NATIONAL HAVING JURISDICTION.
5. THE CONTRACTOR SHALL RIGIDLY SUPPORT ALL EQUIPMENT.
6. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT TO INSURE A COMPLETE SYSTEM.
7. THE CONTRACTOR SHALL THOROUGHLY COORDINATE HIS WORK WITH THAT OF OTHER TRADES.
8. THE CONTRACTOR SHALL SEAL ALL RESPECTIVE WALL, FLOOR, CEILING OR ROOF PENETRATIONS.
9. THE PLUMBING CONTRACTOR SHALL PAY FOR ALL FEES AND PERMITS AS NECESSARY TO COMPLETE THE INSTALLATION.

NATURAL GAS PIPING SYSTEMS NOTES:

1. GAS PIPE SHALL BE SCHEDULE 40 SEAMLESS STEEL PIPE.
2. INSTALLATION SHALL BE ACCORDING TO LOCAL CODES AND GAS COMPANY REQUIREMENTS. AFTER INSTALLATION, PIPE SHALL BE TESTED WITH 50 LB. TEST FOR 1 HOUR WITNESSED BY LOCAL GAS COMPANY. BEFORE SERVICE IS TURNED ON.
3. PROVIDE A SUITABLE GAS COCK AND UNIONS AT EACH CONNECTION TO EACH PIECE OF GAS FIRED EQUIPMENT.
4. PROVIDE SUITABLE GAS PRESSURE REGULATORS WITH VENTS TO THE ATMOSPHERE REQUIRED IN ORDER TO MAINTAIN REQUIRED PRESSURE AT EACH PIECE OF GAS CONSUMING EQUIPMENT.
5. EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL GAS PROTECTION ASSOCIATION OR THE NATIONAL FUEL GAS CODE FOR GAS-FIRED UNIT HEATERS AND DUCT FURNACES, AND THESE STANDARDS SHOULD BE FOLLOWED CAREFULLY. ALWAYS BE HAVING THE LOCAL GAS COMPANY BE CONSULTED BEFORE INSTALLATION ARE MADE TO VERIFY LOCAL CODES AND INSTALLATION.
6. PLUMBING CONTRACTOR SHALL COORDINATE GAS SERVICE WITH GAS COMPANY. GAS SERVICE SHALL BE SIZED FOR THE CAPACITY OF ALL GAS EQUIPMENT.
7. PLUMBING CONTRACTOR SHALL COORDINATE GAS SERVICE WITH ALL OTHER TRADES TO AVOID CONFLICT.
8. GAS METER LOCATION SHALL BE COORDINATED WITH GAS COMPANY AND ARCHITECT.
9. ALL EXPOSED PIPING SHALL BE PAINTED WITH (1) PRIME COAT AND (2) COATS OF BEST QUALITY OIL BASE PAINT.

CUTTING AND PATCHING NOTE:

THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF ALL MECHANICAL WORK ON THIS PROJECT. CUTTING AND PATCHING METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE OWNER AND THE ARCHITECT. PATCHES IN FIRE RATED DEMISING WALLS, CEILING OR FLOORS SHALL MAINTAIN THE FIRE RATING OF THOSE BARRIERS BY THE USE OF APPROVED MATERIALS INCLUDING SPECIAL FIRE RATED SEALING COMPOUNDS OR MATERIALS IDENTICAL TO THE BARRIER MATERIALS.




























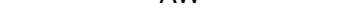




















<p><u>DEMOLITION NOTES:</u></p> <ol style="list-style-type: none"> 1. RESPECTIVE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ANY DEMOLITION WORK (EVEN IF NOT SHOWN ON THE PLANS) NECESSARY FOR COMPLETION OF PROJECT. THIS INCLUDES REMOVAL OF ANY EQUIPMENT AND MATERIALS THAT WILL NO LONGER BE UTILIZED AFTER COMPLETION OF THIS PROJECT. 2. EQUIPMENT THAT IS REMOVED SHALL BE TURNED OVER TO OWNER. IF OWNER DOES NOT WANT EQUIPMENT, IT SHALL BE DISPOSED OF PROPERLY BY RESPECTIVE CONTRACTOR.
--

CEILING TILE NOTE:

THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF EXISTING CEILING TILE AND GRID AS REQUIRED FOR HIS WORK AND FOR RE-INSTALLATION OF TILE AND GRID AND REPLACEMENT OF OR REPAIR OF ALL TILE AND GRID DAMAGED BY HIS WORK. PLEASE NOTE THAT THE GENERAL CONTRACTOR WILL BE REPLACING GRID AND TILE IN SOME AREAS AS PART OF HIS CONTRACT. THIS CONTRACTOR SHALL REMOVE AND RE-INSTALL CEILING IN THOSE AREAS NOT AFFECTED BY THE GENERAL CONTRACT'S WORK. REFER TO ARCHITECTURAL DRAWINGS.

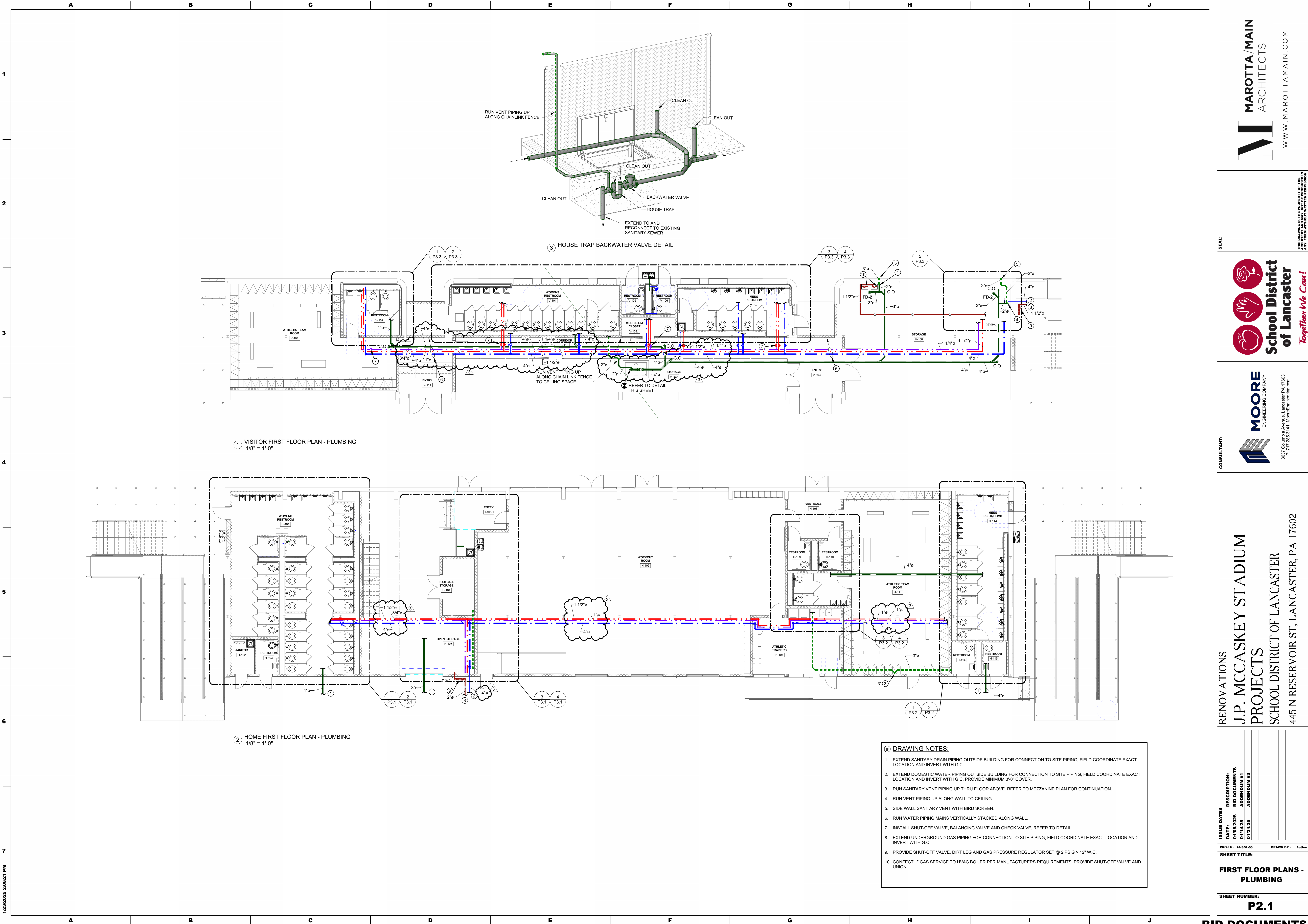
SYMBOL	DESCRIPTION	WASTE	VENT	HOT	COLD	REMARKS
WC-1	WATER CLOSET	4"	2"	-	1"	WALL HUNG ADA
WC-2	WATER CLOSET	4"	2"	-	1"	WALL HUNG -
UR-1	URINAL	2"	1-1/2"	-	3/4"	WALL HUNG ADA
UR-2	URINAL	2"	1-1/2"	-	3/4"	WALL HUNG -
LV-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	ADA
LV-2	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	-
SK-1	SINK	1-1/2"	1-1/2"	1/2"	1/2"	ADA
MB-1	MOP BASIN	2"	1-1/2"	1/2"	1/2"	-
IMB-1	ICE MAKER BOX	-	-	-	1/2"	-
EWC-1	ELECTRIC WATER COOLER	1-1/2"	1-1/2"	-	1/2"	BI-LEVEL, ADA - INSTALLATION TO ALLOW FOR WINTERIZING
				-		
WH-1	WALL HYDRANT	-	-	-	3/4"	FROST FREE
HB-1	HOSE BIBB	-	-	-	3/4"	
DWH-1	DOMESTIC WATER HEATER	-	-	1-1/2"	1-1/2"	-
TMV-1	MIXING VALVE	-	-	2"	2"	-
CP-1	DOMESTIC CIRCULATION PUMP	-	-	1"	-	
ET-1	EXPANSION TANK	-	-	-	-	-
FD-1	FLOOR DRAIN	SEE PLANS	SEE PLANS	-	-	INSTALL WITH TRAP SEAL
FD-2	FLOOR DRAIN	SEE PLANS	SEE PLANS	-	-	MEDIUM DUTY, INSTALL WITH TRAP SEAL
FS-1	FLOOR SINK	SEE PLANS	SEE PLANS	-	-	INSTALL WITH TRAP SEAL
TD-1	TRENCH DRAIN	4"	SEE PLANS	-	-	-
WC-3	WATER CLOSET	4"	2"	-	1"	FLOOR MOUNTED ADA

PLUMBING SYMBOL SCHEDULE

	NEW DOMESTIC COLD WATER PIPING
	EXISTING DOMESTIC COLD WATER PIPING
	DEMOLITION DOMESTIC COLD WATER PIPING
	NEW DOMESTIC HOT WATER PIPING
	EXISTING DOMESTIC HOT WATER PIPING
	DEMOLITION DOMESTIC HOT WATER PIPING
	NEW DOMESTIC HOT WATER CIRCULATING PIPING
	EXISTING DOMESTIC HOT WATER CIRCULATING PIPING
	DEMOLITION DOMESTIC HOT WATER CIRCULATING PIPING
	NEW DOMESTIC 140 HOT WATER PIPING
	EXISTING DOMESTIC 140 HOT WATER PIPING
	DEMOLITION DOMESTIC 140 HOT WATER PIPING
	NEW DOMESTIC 140 HOT WATER CIRCULATING PIPING
	EXISTING DOMESTIC 140 HOT WATER CIRCULATING PIPING
	DEMOLITION DOMESTIC 140 HOT WATER CIRCULATING PIPING
	NEW NATURAL GAS PIPING
	EXISTING NATURAL GAS PIPING
	DEMOLITION NATURAL GAS PIPING
	NEW CONDENSATE PIPING
	EXISTING CONDENSATE PIPING
	DEMOLITION CONDENSATE PIPING
	NEW SANITARY DRAIN PIPING
	EXISTING SANITARY DRAIN PIPING
	DEMOLITION SANITARY DRAIN PIPING
	NEW ACID WASTE DRAIN PIPING
	EXISTING ACID WASTE DRAIN PIPING
	DEMOLITION ACID WASTE DRAIN PIPING
	FLOOR CLEANOUT
	WALL CLEANOUT
	NEW SANITARY VENT PIPING
	EXISTING SANITARY VENT PIPING
	NEW ACID WASTE VENT PIPING
	EXISTING ACID WASTE VENT PIPING
	NEW GREASE LADEN WASTE DRAIN PIPING
	EXISTING GREASE LADEN WASTE DRAIN PIPING
	DEMOLITION GREASE LADEN WASTE DRAIN PIPING
	VENT THRU ROOF
	NEW EMERGENCY OVERFLOW STORM WATER PIPING
	NEW STORM WATER PIPING
	EXISTING STORM WATER PIPING
	DEMOLITION STORM WATER PIPING
	RAIN WATER CONDUCTOR (STORM SEWER RISER)
	NEW ROOF DRAIN
	EXISTING ROOF DRAIN
	SHUT-OFF VALVE
	CHECK VALVE AND BALANCING VALVE
	CONNECTION NEW TO EXISTING
	DISCONNECTION DEMO TO EXISTING

PLUMBING ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AG	ABOVE GRADE
AW	ACID WASTE PIPING
BG	BELOW GRADE
CO	CLEANOUT
CW	COLD WATER
DF	DRINKING FOUNTAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
FD	FLOOR DRAIN
GW	GREASE LADEN WASTE DRAIN PIPING
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
LV	LAVATORY
MB	MOP BASIN
OST	EMERGENCY STORM SEWER OVERFLOW
RD	ROOF DRAIN
SHR	SHOWER
SK	SINK
SS	SERVICE SINK
ST	STORM SEWER
UR	URINAL
VTR	VENT THRU ROOF
WC	WATER CLOSET



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RENOVATIONS

J.P. MCCASKEY STADIUM

PROJECTS

SCHOOL DISTRICT OF LANCASTER

445 N RESERVOIR ST, LANCASTER, PA 17602

ISSUE DATES

DATE	DESCRIPTION
01/05/2025	BID DOCUMENTS
01/14/25	ADDENDUM #1
01/24/25	ADDENDUM #3

PROJ #1 : 24-SOL-03

DRAWN BY : Author

SHEET TITLE:

FIRST FLOOR PLANS - PLUMBING

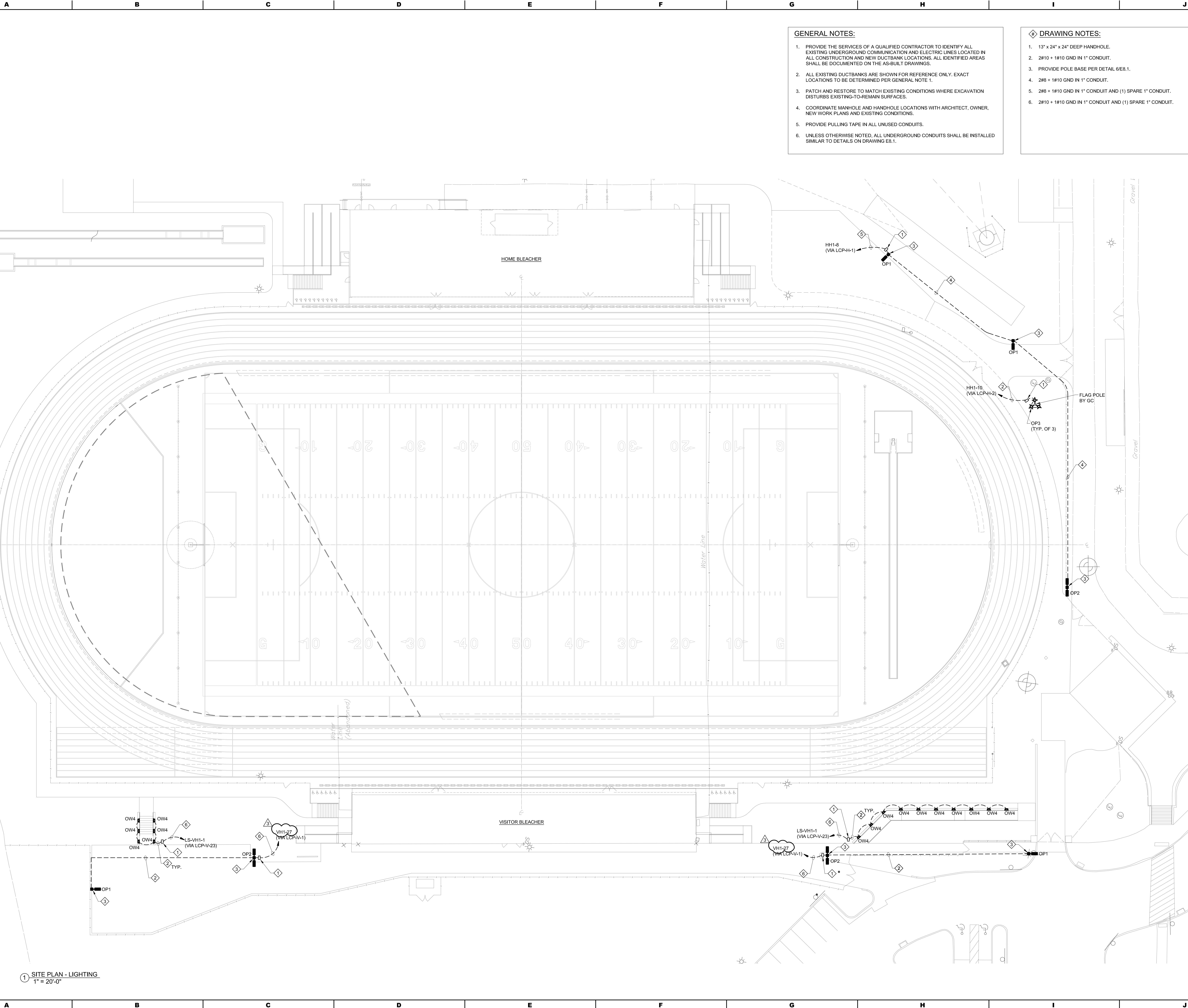
SHEET NUMBER:

P2.1

BID DOCUMENTS

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1
2
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7



1 SITE PLAN - LIGHTING
1" = 20'-0"

- GENERAL NOTES:**
1. PROVIDE THE SERVICES OF A QUALIFIED CONTRACTOR TO IDENTIFY ALL EXISTING UNDERGROUND COMMUNICATION AND ELECTRIC LINES LOCATED IN ALL CONSTRUCTION AND NEW DUCTBANK LOCATIONS. ALL IDENTIFIED AREAS SHALL BE DOCUMENTED ON THE AS-BUILT DRAWINGS.
 2. ALL EXISTING DUCTBANKS ARE SHOWN FOR REFERENCE ONLY. EXACT LOCATIONS TO BE DETERMINED PER GENERAL NOTE 1.
 3. PATCH AND RESTORE TO MATCH EXISTING CONDITIONS WHERE EXCAVATION DISTURBS EXISTING-TO-REMAIN SURFACES.
 4. COORDINATE MANHOLE AND HANDHOLE LOCATIONS WITH ARCHITECT, OWNER, NEW WORK PLANS AND EXISTING CONDITIONS.
 5. PROVIDE PULLING TAPE IN ALL UNUSED CONDUITS.
 6. UNLESS OTHERWISE NOTED, ALL UNDERGROUND CONDUITS SHALL BE INSTALLED SIMILAR TO DETAILS ON DRAWING E8.1.

- DRAWING NOTES:**
1. 13" x 24" x 24" DEEP HANDHOLE.
 2. 2#10 + 1#10 GND IN 1" CONDUIT.
 3. PROVIDE POLE BASE PER DETAIL 6/E8.1.
 4. 2#8 + 1#10 GND IN 1" CONDUIT.
 5. 2#8 + 1#10 GND IN 1" CONDUIT AND (1) SPARE 1" CONDUIT.
 6. 2#10 + 1#10 GND IN 1" CONDUIT AND (1) SPARE 1" CONDUIT.

RENOVATIONS
J.P. MCCASKEY STADIUM
PROJECTS
SCHOOL DISTRICT OF LANCASTER
445 N RESERVOIR ST, LANCASTER, PA 17602

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DATE:	DESCRIPTION:
01/08/2025	BID DOCUMENTS
01/17/2025	ADDENDUM # 2
01/24/2025	ADDENDUM # 3

PROJ # : 24-85L-03
DRAWN BY : A. NOLT
SHEET TITLE:
SITE PLAN - LIGHTING
SHEET NUMBER:
E1.3

BID DOCUMENTS



1. PROVIDE THE SERVICES OF A QUALIFIED CONTRACTOR TO IDENTIFY ALL EXISTING UNDERGROUND COMMUNICATION AND ELECTRIC LINES LOCATED IN ALL CONSTRUCTION AND NEW DUCTBANK LOCATIONS. ALL IDENTIFIED AREAS SHALL BE DOCUMENTED ON THE AS-BUILT DRAWINGS.
2. ALL EXISTING DUCTBANKS ARE SHOWN FOR REFERENCE ONLY. EXACT LOCATIONS TO BE DETERMINED PER GENERAL NOTE 1.
3. PATCH AND RESTORE TO MATCH EXISTING CONDITIONS WHERE EXCAVATION DISTURBS EXISTING-TO-REMAIN SURFACES.
4. COORDINATE MAN-HOLE AND HANDHOLE LOCATIONS WITH ARCHITECT, OWNER, NEW WORK PLANS AND EXISTING CONDITIONS.
5. PROVIDE PULLING TAPE IN ALL UNUSED CONDUITS.
6. UNLESS OTHERWISE NOTED, ALL UNDERGROUND CONDUITS SHALL BE INSTALLED SIMILAR TO DETAILS ON DRAWING EB.1.
7. SITE CONDITIONS SHOWN DIAGRAMMATICALLY FOR BIDDING, ETC. TO COORDINATE EXACT LOCATION WITH CIVIL DRAWINGS PROVIDED UNDER A SEPARATE CONTRACT.

1. 24" x 36" x 24" DEEP HANDHOLE AS INDICATED ON E1.2
2. 36" x 36" x 30" DEEP HANDHOLE FOR ATHLETIC LIGHTING. PROVIDE DIVIDER IN HANDHOLE TO SEPARATE LIFE-SAFETY WIRING FROM NON-LIFE-SAFETY WIRING.
3. 24" x 24" x 24" DEEP HANDHOLE WITH (2) 2" CONDUITS FROM HANDHOLE TO POLE FOR LIGHTING WIRING. PROVIDE DIVIDER IN HANDHOLE TO SEPARATE LIFE-SAFETY WIRING FROM NON-LIFE-SAFETY WIRING.
4. 24" x 24" x 24" DEEP HANDHOLE WITH 2" CONDUIT FROM HANDHOLE TO POLE FOR LIGHTING WIRING.
5. 1-1/4" CONDUIT WITH MUSCO LIGHTING CONTROL CABLING.
6. 1-1/4" CONDUIT WITH MUSCO LIGHTING CONTROL CABLING + SPARE 1-1/4" CONDUIT.
7. 3#6 + 2#10 + 1#6 GND IN 2" CONDUIT (POLE F1 FOOTBALL, ACCENT) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F1 EGRESS/COLOR).
8. 3#6 + 1#6 GND IN 2" CONDUIT (POLE F2 FOOTBALL) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F2 EGRESS/COLOR).
9. 3#6 + 2#10 + 1#6 GND IN 2" CONDUIT (POLE F3 FOOTBALL, ACCENT) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F3 EGRESS/COLOR).
10. 3#1 + 3#4 + 2#6 + 1#4 GND IN 2-1/2" CONDUIT (POLE F4 FOOTBALL, PRACTICE, ACCENT) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F4 EGRESS/COLOR).
11. 3#1 + 3#4 + 1#4 GND IN 2-1/2" CONDUIT (POLE F5 FOOTBALL, PRACTICE) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F5 EGRESS/COLOR).
12. 3#1 + 3#4 + 2#6 + 1#4 GND IN 2-1/2" CONDUIT (POLE F6 FOOTBALL, PRACTICE, ACCENT) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F6 EGRESS/COLOR).
13. #610 + 1#10 GND IN 2" CONDUIT (POLE A1 SOFTBALL, BULLEEN, ACCENT).
14. #510 + 1#10 GND IN 2" CONDUIT (POLE A2 SOFTBALL, ACCENT).
15. #610 + 1#10 GND IN 2" CONDUIT (POLE A1 SOFTBALL, BULLEEN) + #510 + 1#10 GND IN 2" CONDUIT (POLE B1 SOFTBALL, POLE A1/B1 ACCENT).
16. #310 + 1#10 GND IN 2" CONDUIT (POLE A2 SOFTBALL) + #510 + 1#10 GND IN 2" CONDUIT (POLE B2 SOFTBALL, POLE A2/B2 ACCENT).
17. 3#1 + 1#4 GND IN 2" CONDUIT (POLE F5/F6 FOOTBALL) + 3#4 + 1#4 GND IN 2" CONDUIT (POLE F5/F6 PRACTICE) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F4/F6 ACCENT) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F5/F6 EGRESS/COLOR) + SPARE 2" CONDUIT.
18. 3#1 + 1#4 GND IN 2" CONDUIT (POLE F4/F5/F6 FOOTBALL) + 3#4 + 1#4 GND IN 2" CONDUIT (POLE F4/F5/F6 PRACTICE) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F4/F6 ACCENT) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F4/F5/F6 EGRESS/COLOR) + SPARE 2" CONDUIT.
19. 3#1 + 1#4 GND IN 2" CONDUIT (POLE F4/F5/F6 FOOTBALL) + 3#4 + 1#4 GND IN 2" CONDUIT (POLE F4/F5/F6 PRACTICE) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F4/F6 ACCENT) + 2#6 + 1#6 GND IN 2" CONDUIT (POLE F4/F5/F6 EGRESS/COLOR) + #610 + 1#10 GND IN 2" CONDUIT (POLE A1 SOFTBALL, BULLEEN) + #510 + 1#10 GND IN 2" CONDUIT (POLE A2 SOFTBALL) + #310 + 1#10 GND IN 2" CONDUIT (POLE B1 SOFTBALL) + #510 + 1#10 GND IN 2" CONDUIT (POLE B2 SOFTBALL, POLE A1/B2/B2 ACCENT) + 2" SPARE 2" CONDUITS.

26A: ELIMINATE ALL WIRING, CONDUITS AND HANDHOLES ASSOCIATED WITH SOFTBALL FIELD ATHLETIC LIGHTING.


THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING SCOPE OF WORK FOR THE ATHLETIC LIGHTING. COORDINATE ALL WORK WITH MUSCO.

1. INSTALL ATHLETIC LIGHTING CONTROL EQUIPMENT FURNISHED BY MUSCO.
2. PROVIDE ALL WIRING/CONDUIT FOR ATHLETIC LIGHTING.
3. MAKE FINAL WIRING TERMINATIONS AT MUSCO CONTROLLERS AND POLE MOUNTED LIGHTS, AND TEST ALL WIRING AND CONNECTIONS.

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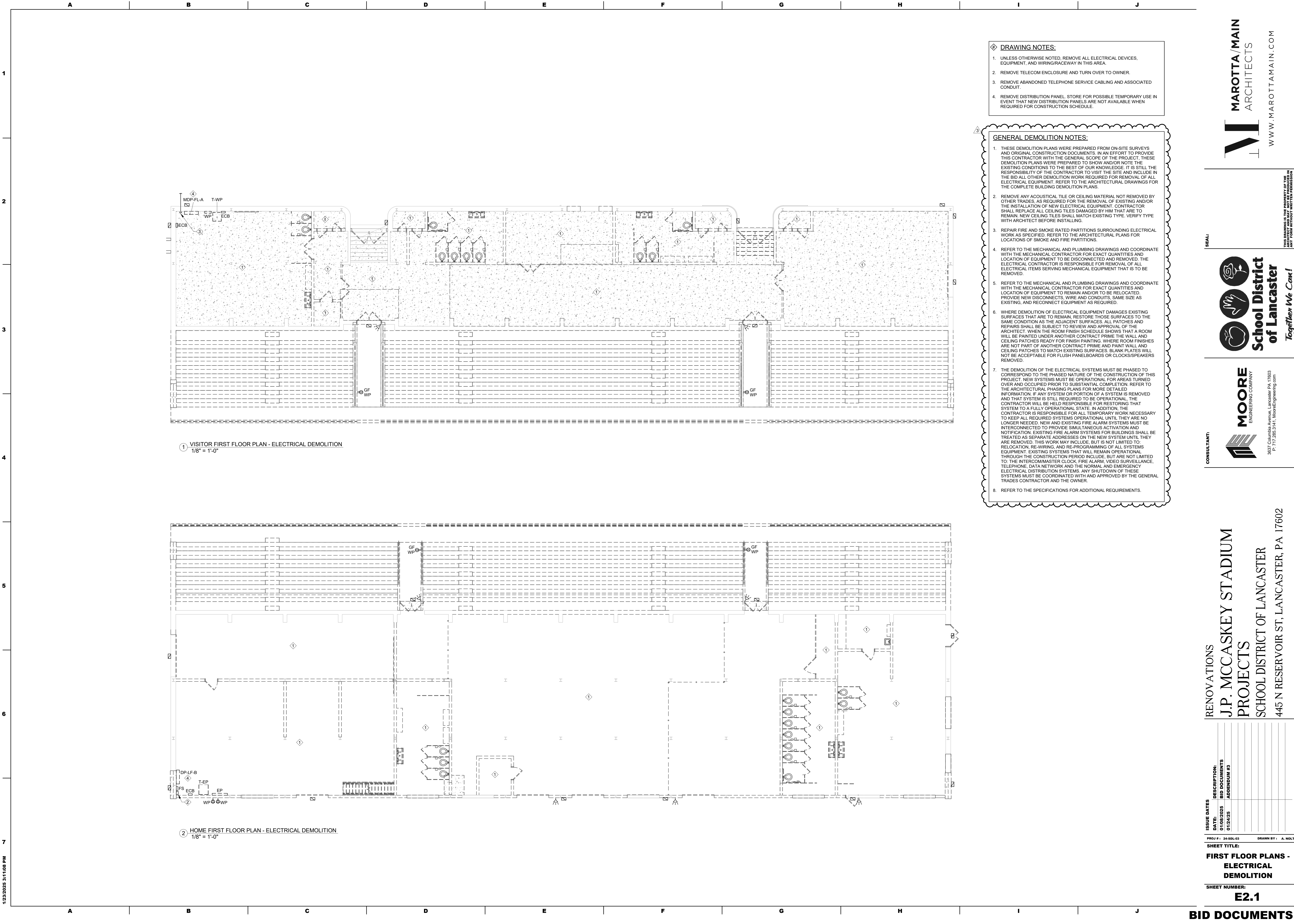
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ISSUE DATES	DESCRIPTION:								
	DATE:	BID DOCUMENTS							
	01/08/2025	ADDENDUM # 3							
	01/24/2025								
PROJ # 1: 24-SOL-03		DRAWN BY: A. NOLT							
SHEET TITLE:									

SHEET NUMBER:
E1.4




1. ALL VISITOR BLEACHER EXIT SIGNS SHALL BE CONNECTED TO BRANCH CIRCUIT LS-VH1-8.
2. ALL HOME BLEACHER EXIT SIGNS SHALL BE CONNECTED TO BRANCH CIRCUIT LS-HH1-2.

1. TO LIGHTING ON FLOOR ABOVE.
2. FOR CONTROL OF STAIR LIGHTING, SEE DRAWING E3.2.
3. FOR CONTROL OF PRACTICE FIELD FLOODLIGHTS, COORDINATE FINAL SWITCH LOCATION WITH OWNER PRIOR TO ROUGH-IN.
4. INSTALL ATHLETIC LIGHTING CONTROL CABINET FURNISHED BY MUSCO.
5. MOUNT 8'-0" ABOVE RAMP LANDING.
6. INSTALL ATHLETIC LIGHTING EMERGENCY CABINET FURNISHED BY MUSCO.



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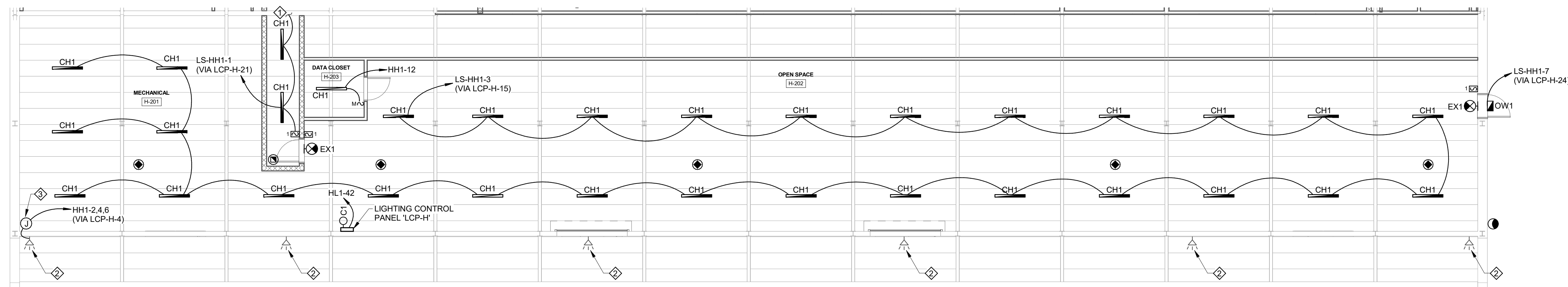
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PROJ #: 24-SDL-03 DRAWN BY: A.

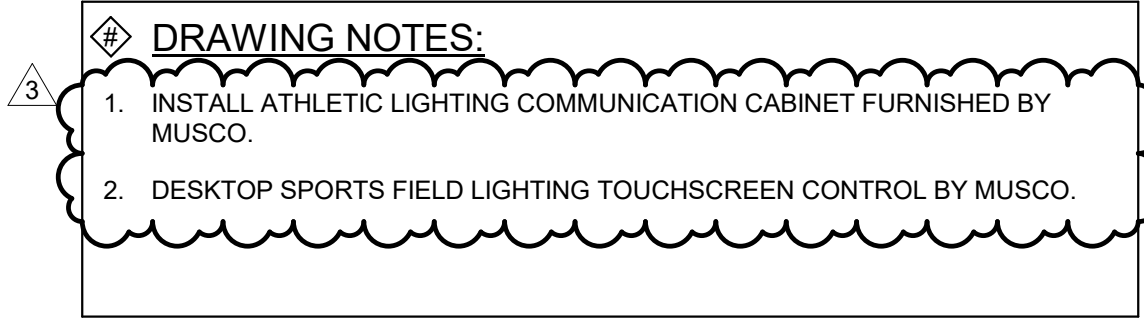
SHEET NUMBER:

E3.2



1 HOME SECOND FLOOR PLAN - LIGHTING
1/8" = 1'-0"

1. TO LIGHTING ON FLOOR BELOW.
2. EXISTING BUILDING MOUNTED FLOODLIGHT TO REMAIN.
3. EXISTING FLOODLIGHT BRANCH CIRCUIT FEED. REWORK/EXTEND WIRING/CONDUIT AS REQUIRED AND CONNECT TO NEW BRANCH CIRCUIT AS INDICATED.



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BLEACHER PLANS - LIGHTING

SHEET NUMBER:
E3.3

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1. ACCESS CONTROL PANEL AND DOOR HARDWARE POWER SUPPLIES.
2. PROVIDE DOOR CONTACT TYPE FOR OVERHEAD DOOR USE.
3. FOR OVERHEAD DOOR OPERATION, COORDINATE WITH GC FOR ACCESS CONTROL INTEGRATION WITH OVERHEAD DOOR CONTROLLER.
4. COORDINATE FINAL LOCATION WITH FIRE MARSHAL PRIOR TO ROUGH-IN.



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I. A.

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PROJ #: 24-SDL-03 DRAWN BY: A. NOL

BLEACHER PLANS - SYSTEMS

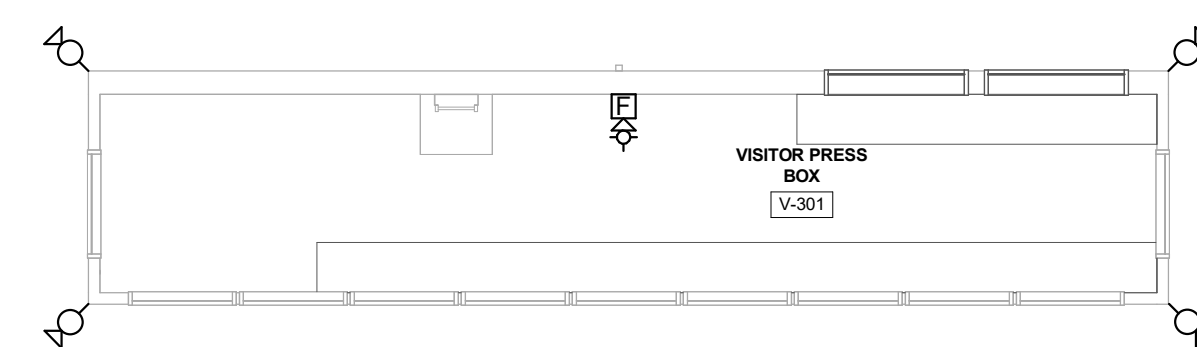
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E5.3

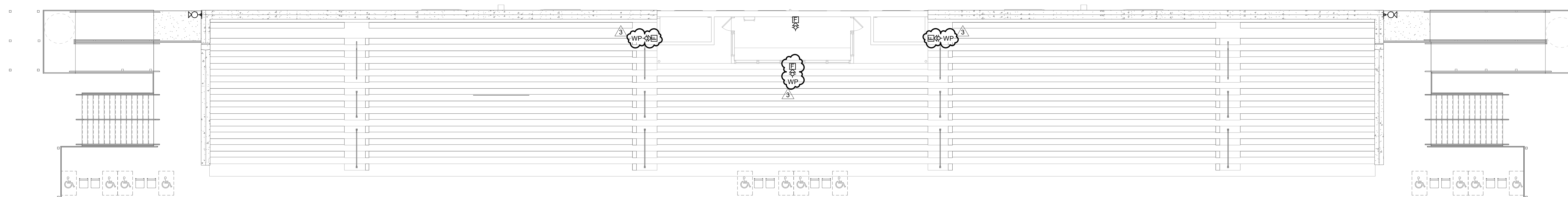
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GENERAL NOTES:

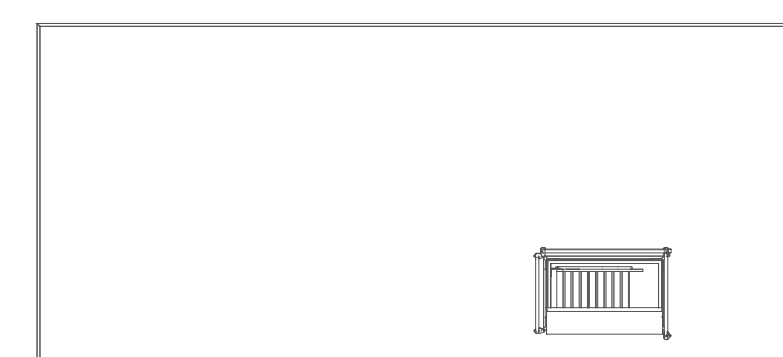
1. PROVIDE RACEWAYS FOR ALL SYSTEM CABLING IN OPEN STRUCTURE CEILING SPACES.



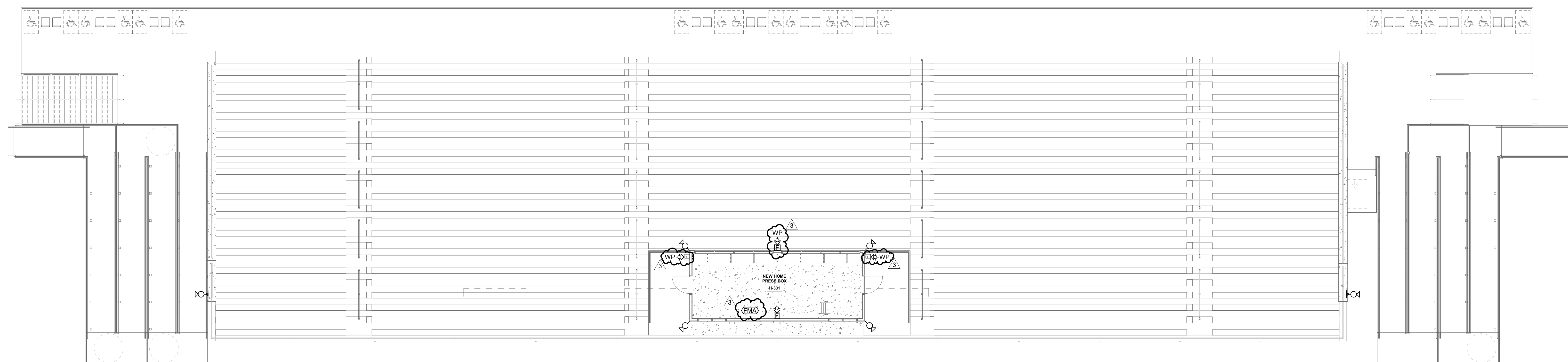
2 VISITOR PRESS BOX SECOND FLOOR PLAN - SYSTEMS
1/8" = 1'-0"



① VISITOR BLEACHER PLAN - SYSTEMS
1/8" = 1'-0"

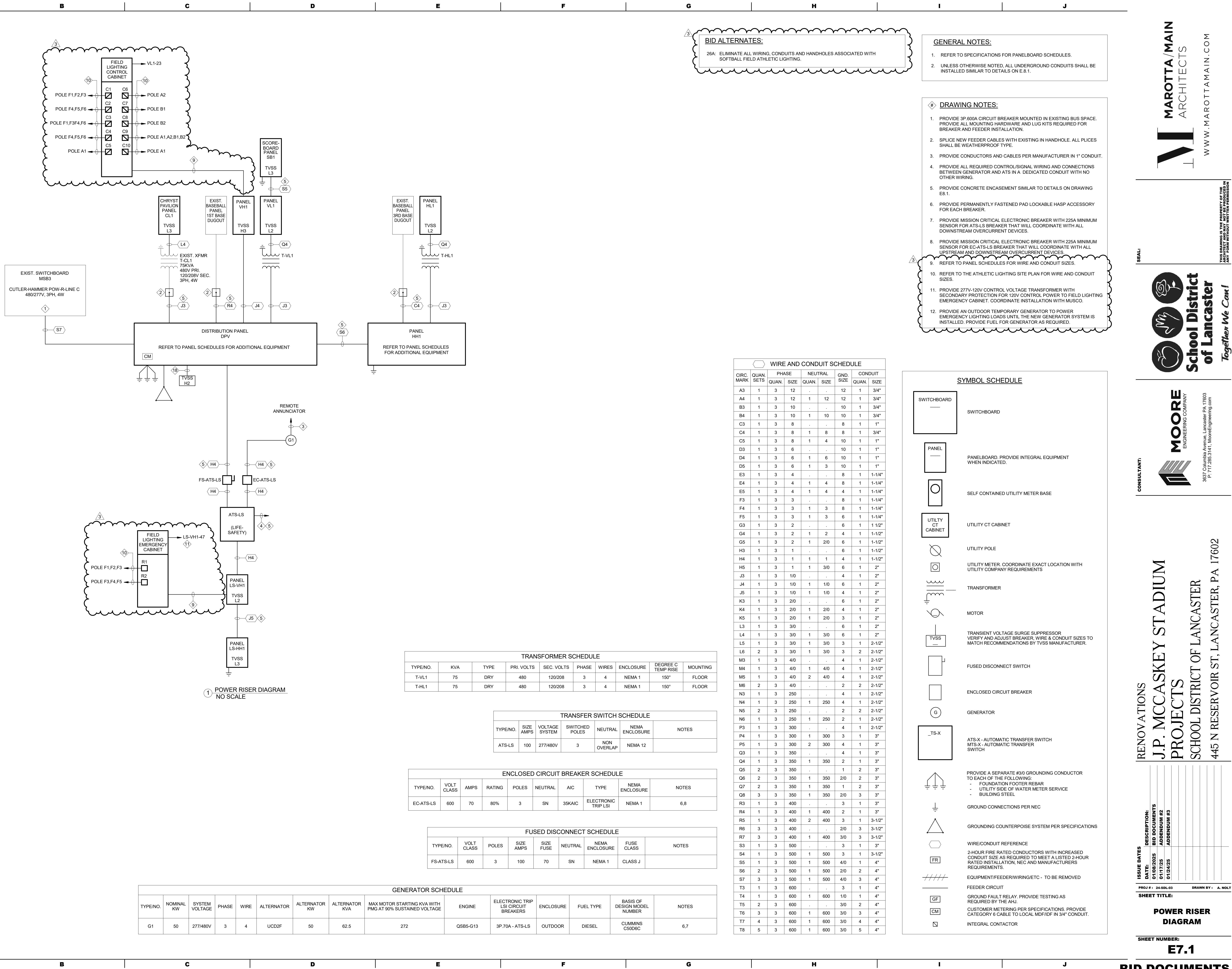


4 HOME PRESS BOX FILM DECK PLAN - SYSTEMS
1/8" = 1'-0"



③ HOME BLEACHER PLAN - SYSTEMS
1/8" = 1'-0"

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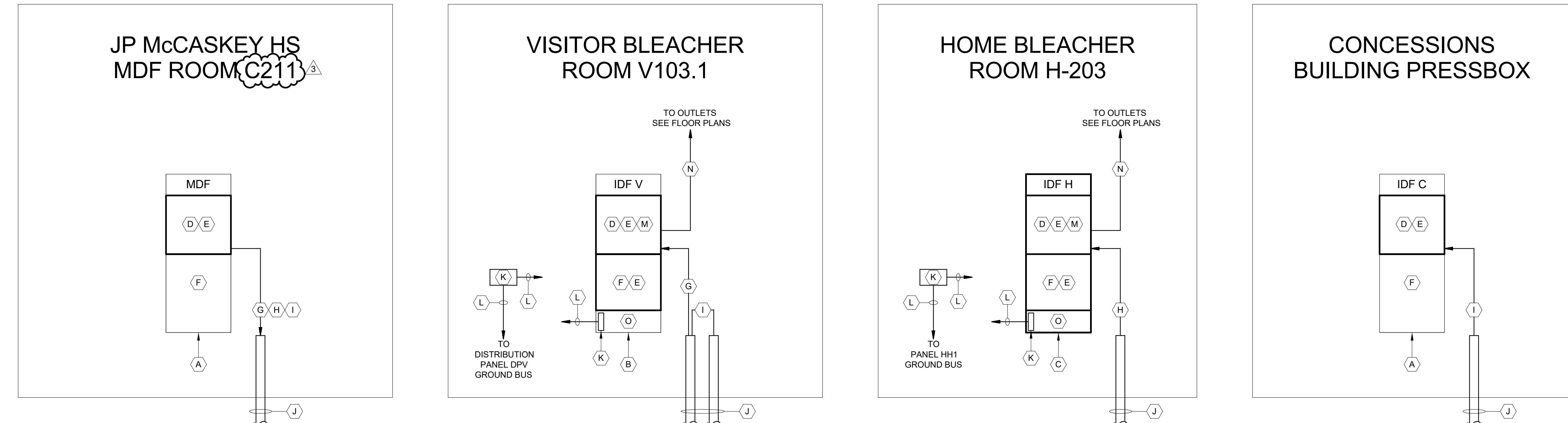
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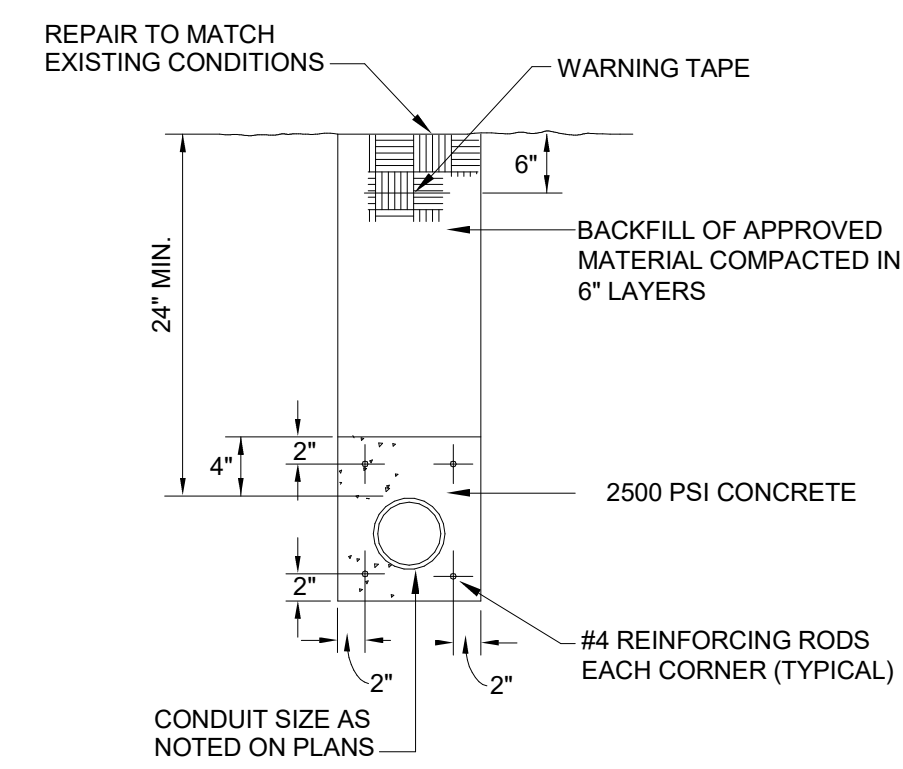
BID DOCUMENTS

1. THESE PLANS INDICATE GENERAL PATHWAY REQUIREMENTS. PROVIDE ADDITIONAL, SLEEVES, CONDUIT AND CABLE TRAY AS REQUIRED.
2. CABLE TRAY, CONDUIT AND SLEEVES ARE TO BE USED FOR LOW VOLTAGE AND FIBER OPTIC CABLE SUPPORT AND PROTECTION.
3. COORDINATE RACEWAY AND SLEEVE INSTALLATIONS WITH ALL OTHER SYSTEMS.
4. PROVIDE RACEWAYS FOR ALL SYSTEM CABLING IN ALL OPEN STRUCTURE CEILING SPACES.
5. PENETRATIONS IN FIRE RATED PARTITIONS SHALL BE SEALED TO MAINTAIN THE FIRE INTEGRITY OF THE ASSEMBLY. FIRE STOPPING SHALL BE THE SAME RATING AS THE ASSEMBLY BEING SEALED.
6. ALL CABLE TRAY SHALL BE 12" WIDE UNLESS OTHERWISE NOTED.
7. PROVIDE JACKETED ARMORED FIBER OPTIC CABLES FOR ALL INDOOR/OODOR FIBER OPTIC CABLES AS SPECIFIED.

- A. EXISTING MDF/IDF RACK.
- B. EXISTING RELOCATED IDF RACK.
- C. IDF RACK PER SPECIFICATIONS AND SCHEDULES.
- D. FIBER OPTIC ENCLOSURES WITH FIBER OPTIC ADAPTERS PER SCHEDULES
- E. HORIZONTAL WIRE MANAGEMENT. PROVIDE AS REQUIRED FOR RACK.
- F. SWITCHES & NETWORK EQUIPMENT (NIC).
- G. 12 STRAND SINGLE MODE FIBER OPTIC CABLE BETWEEN MDF RACK AND VISITOR BLEACHER IDF V RACK
- H. 12 STRAND SINGLE MODE FIBER OPTIC CABLE BETWEEN MDF RACK AND HOME BLEACHER IDF H RACK
- I. 12 STRAND SINGLE MODE FIBER OPTIC CABLE BETWEEN MDF RACK AND CONCESSIONS PRESSBOX IDF C RACK
- J. CONDUTS PER SITE PLAN.
- K. GROUND BUS. REFER TO SPECIFICATIONS FOR SIZES AND REQUIREMENTS.
- L. GROUND CABLES. REFER TO SPECIFICATIONS FOR SIZES AND REQUIREMENTS.
- M. CATEGORY 6 UTP RACK MOUNTED PATCH PANELS. PROVIDE PORT QUANTITY REQUIRED + 20% SPARE.
- N. CATEGORY 6 UTP CABLES TO EACH VOICE/DATA JACK. (SEE FLOOR PLANS)
- O. UPS (NIC).



1 TELECOMMUNICATIONS RISER DIAGRAM
E7.2 NO SCALE

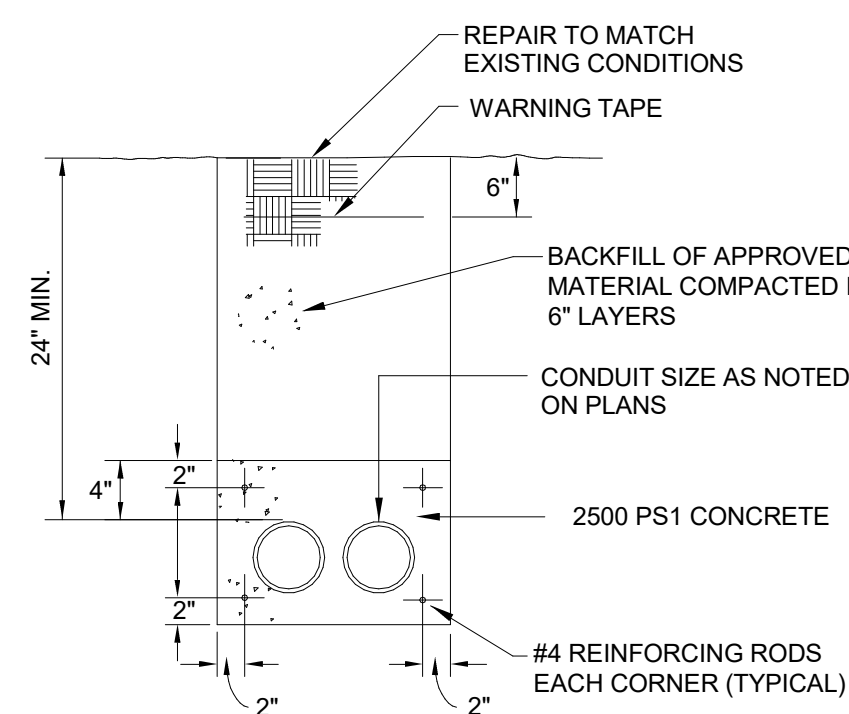


NOTES:

1. ENCASE CONDUITS IN STONEDUST WITHOUT REINFORCING RODS WHEN CONDUITS ARE NOT UNDER PAVED AREAS.

CONCRETE ENCASED CONDUIT TRENCH DETAIL

1 COND
E8.1 NO SCALE

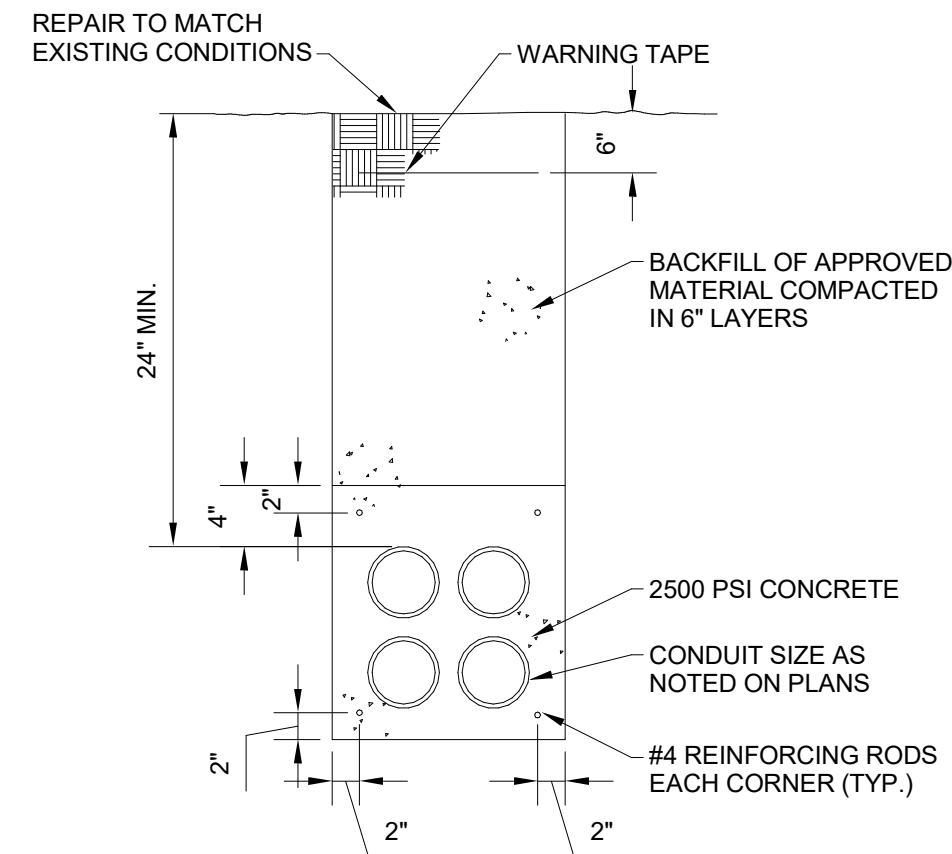


NOTES:

1. ENCASE CONDUITS IN STONEDUST WITHOUT REINFORCING RODS WHEN CONDUITS ARE NOT UNDER PAVED AREAS.

CONCRETE ENCASED CONDUITS TRENCH DETAIL

2 COND
E8.1 NO SCALE

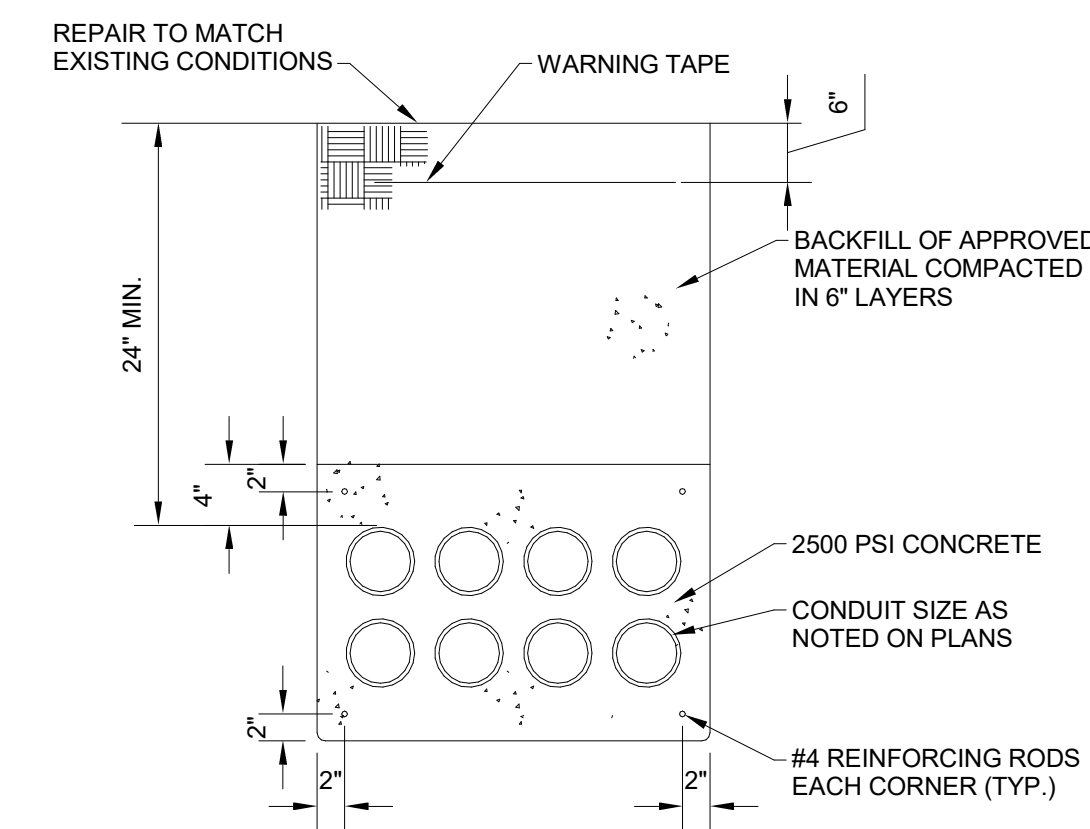


NOTES:

1. ENCASE CONDUITS IN STONEDUST WITHOUT REINFORCING RODS WHEN CONDUITS ARE NOT UNDER PAVED AREAS.

CONCRETE ENCASED CONDUITS TRENCH DETAIL

3
E8.1

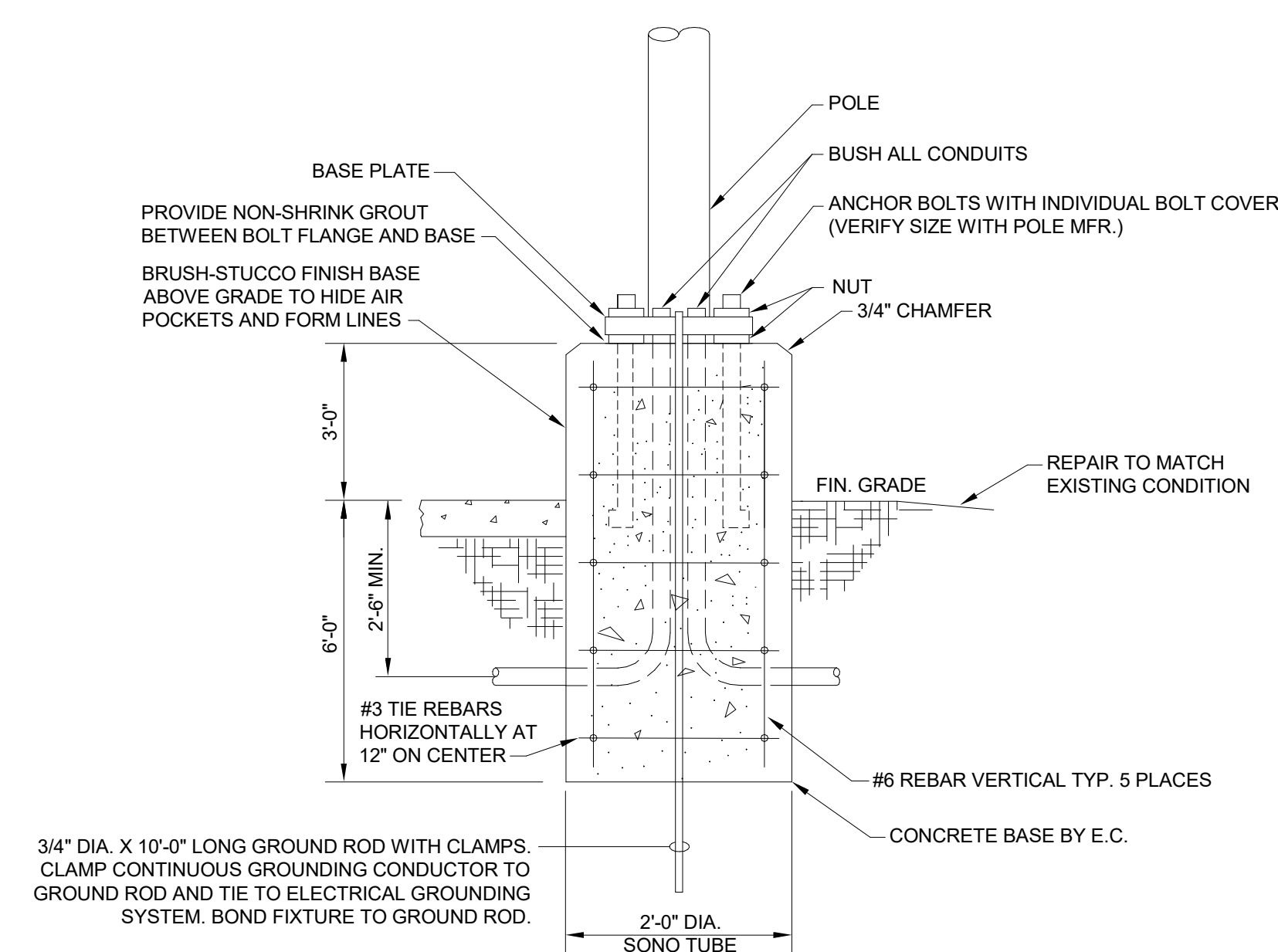
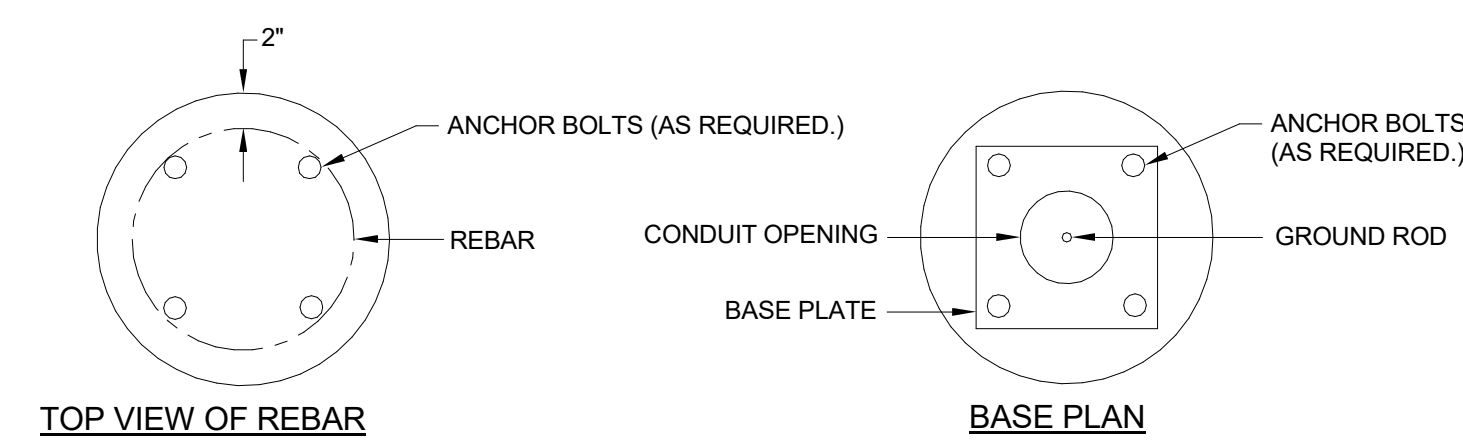


NOTES:

1. ENCASE CONDUITS IN STONEDUST WITHOUT REINFORCING RODS WHEN CONDUITS ARE NOT UNDER PAVED AREAS.

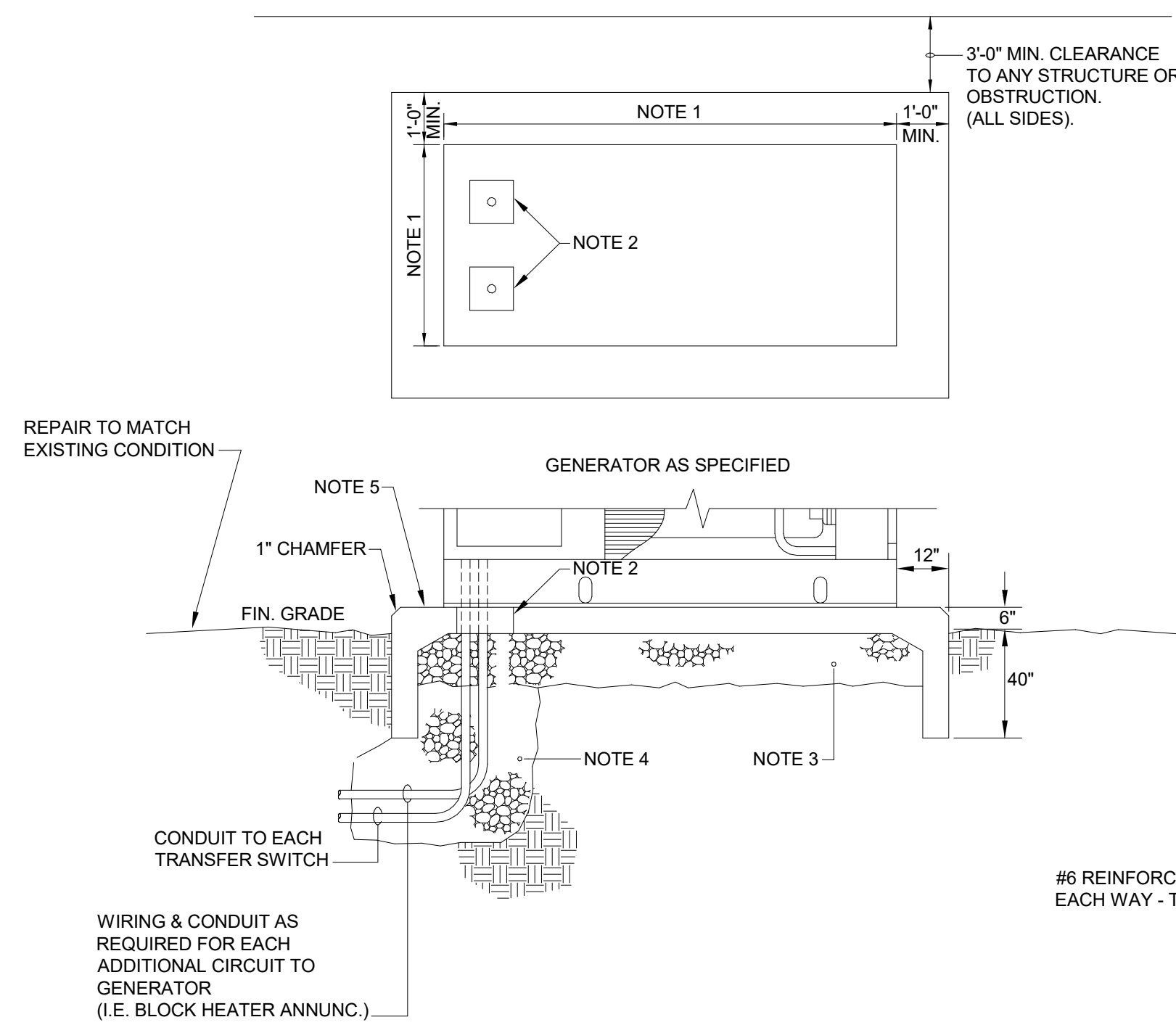
CONCRETE ENCASED CONDUITS TRENCH DETAIL

4
E8.1



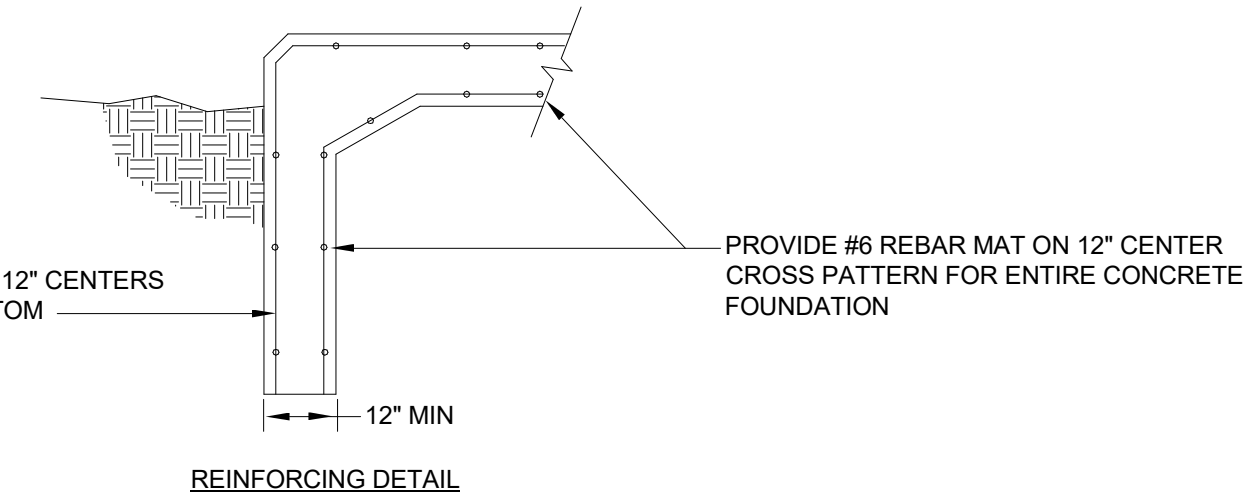
6 POLE BASE MOUNTING DETAIL
E8.1 NO SCALE

E8.1 NO SCALE



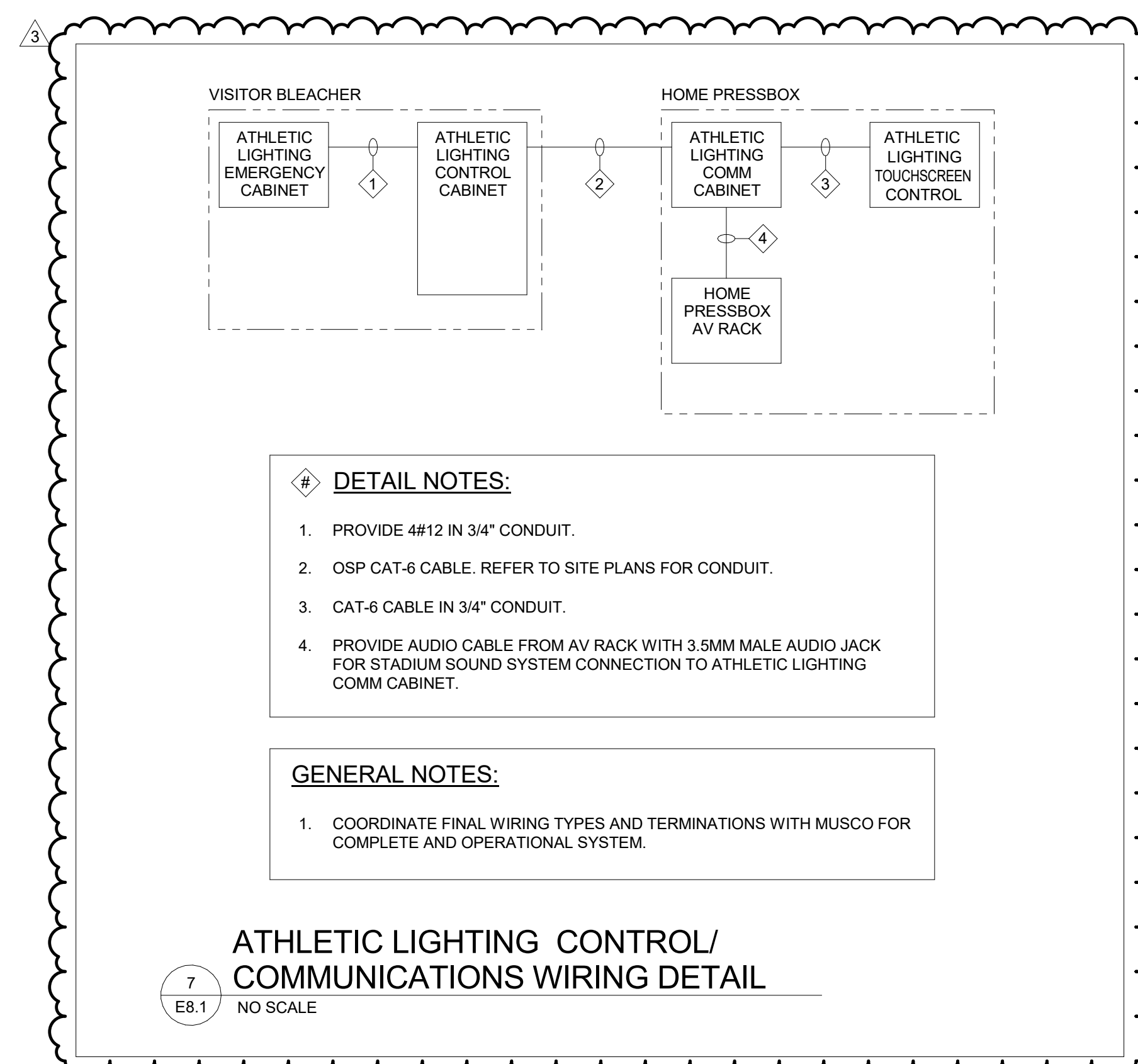
GENERATOR MOUNTING DETAIL NOTES:

1. DIMENSIONS PER MANUFACTURER'S CERTIFIED DRAWINGS.
2. FORMED OPENING WITH FUEL LINE OR CONDUIT IN CENTER. LOCATE PER DIMENSIONS FROM GENERATOR MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE THE OPENING FOR FUEL AS APPLICABLE.
3. REMOVE GRASS AND TOPSOIL DOWN TO FIRM SUBSOIL AND FILL WITH PENNDOT SPEC. 3A STONE MECHANICALLY COMPACTED IN 6" LAYERS.
4. PIPE & CONDUIT EXCAVATIONS UNDER THE PAD SHALL BE BACK-FILLED WITH PENNDOT SPEC. 3A STONE MECHANICALLY COMPACTED IN 6" LAYERS.
5. CONCRETE SHALL BE 4000 LB. AIR ENTRAINING MIX. CONCRETE SHALL BE PROTECTED FROM FREEZING IN COLD WEATHER. EXCESSIVE EVAPORATION IN HOT WEATHER CARE SHALL BE USED IN CONSTRUCTING FORMS AND IN FINISHING TO INSURE FLAT FACES AND A SMOOTH FINISH. FORM FOUNDATION TO BE 12" MINIMUM LARGE THAN GENERATOR SKID ON ALL SIDES. REFER TO DETAIL FOR REINFORCING.
6. MAINTAIN 3 FEET TO ANY OBSTRUCTION FROM FOUNDATION EDGE.
7. PROVIDE GROUND ROD AND GROUND GENERATOR PER MANUFACTURER AND NEC.
8. REFER TO SPECIFICATION FOR FUEL TYPE.
9. SLOPE GRADE AWAY FROM FOUNDATION.



EXTERIOR EMERGENCY GENERATOR MOUNTING DETAIL

E8.1 NO SCALE



ATHLETIC LIGHTING CONTROL/
COMMUNICATIONS WIRING DETAIL

7	COMM
E8.1	NO SCALE