

NRHS FIELDS PHASE 2 & HVAC UPGRADES

NORTH ROCKLAND HIGH SCHOOL
SED NO. 50-02-01-06-0-016-036

PRESS BOX - SOFTBALL
SED NO. 50-02-01-06-7-090-001

PRESS BOX - BASEBALL
SED NO. 50-02-01-06-7-091-001

106 Hammond Rd
Thiells, NY 10984

OWNER:
North Rockland Central School District
65 Chapel St
Garnerville, NY 10923

ARCHITECT:
MICHAEL SHILALE ARCHITECTS, LLP
140 Park Avenue
New City, NY 10956

STRUCTURAL & PME ENGINEER:
GREENMAN-PEDERSEN, INC.
400 Rella Boulevard
Montebello, NY 10901

LANDSCAPE ARCHITECT & CIVIL ENGINEER:
THE LA GROUP
40 Long Alley
SARATOGA SPRINGS, NY 12866

DRAWING No.	DRAWING TITLE	DATE	DRAWING No.	DRAWING TITLE	DATE
A-000	COVER SHEET	10/23/24	M-001	MECHANICAL GENERAL NOTES	10/03/24
A-001	LEGENDS, NOTES, UNIT PRICES, ALTERNATES & ALLOWANCES	10/23/24	M-002	MECHANICAL SCHEDULES	10/03/24
B-100	CODE ANALYSIS - RTU REPLACEMENT	10/03/24	M-101	MECHANICAL SITE PLAN	10/23/24
B-110	CODE ANALYSIS - BLEACHERS	10/03/24	M-102	MECHANICAL PRESS BOX INSTALL-1	10/23/24
B-130	CODE ANALYSIS - PRESS BOXES	10/03/24	M-103	MECHANICAL PRESS BOX INSTALL-2	10/23/24
B-190	EGRESS PLAN BASEBALL BLEACHER	10/03/24	M-104	MECHANICAL ROOF REMOVAL	10/03/24
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	BOUNDARY LINE AND TOPOGRAPHIC SURVEY (SHEET 1 OF 4)	06/01/22	M-401	CONTROL DIAGRAMS-1	10/03/24
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LIST OF DRAWINGS

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

Drawn by
JR/MAL

Checked by
MS/JC

Project No.
43045

Scale
AS NOTED

Date
10-03-24

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LANDSCAPE ARCHITECT & CIVIL ENGINEER.

STRUCTURAL & PME ENGINEER.

NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 &
HVAC UPGRADES
HIGH SCHOOL SED# 50-02-01-06-0-016-036
PRESS BOX - SOFTBALL SED# 50-02-01-06-7-090-001
PRESS BOX - BASEBALL SED# 50-02-01-06-7-091-001
106 Hammond Rd,
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COVER SHEET

A-000

Drawing No.

A-000

Drawing Title

COVER SHEET

No.

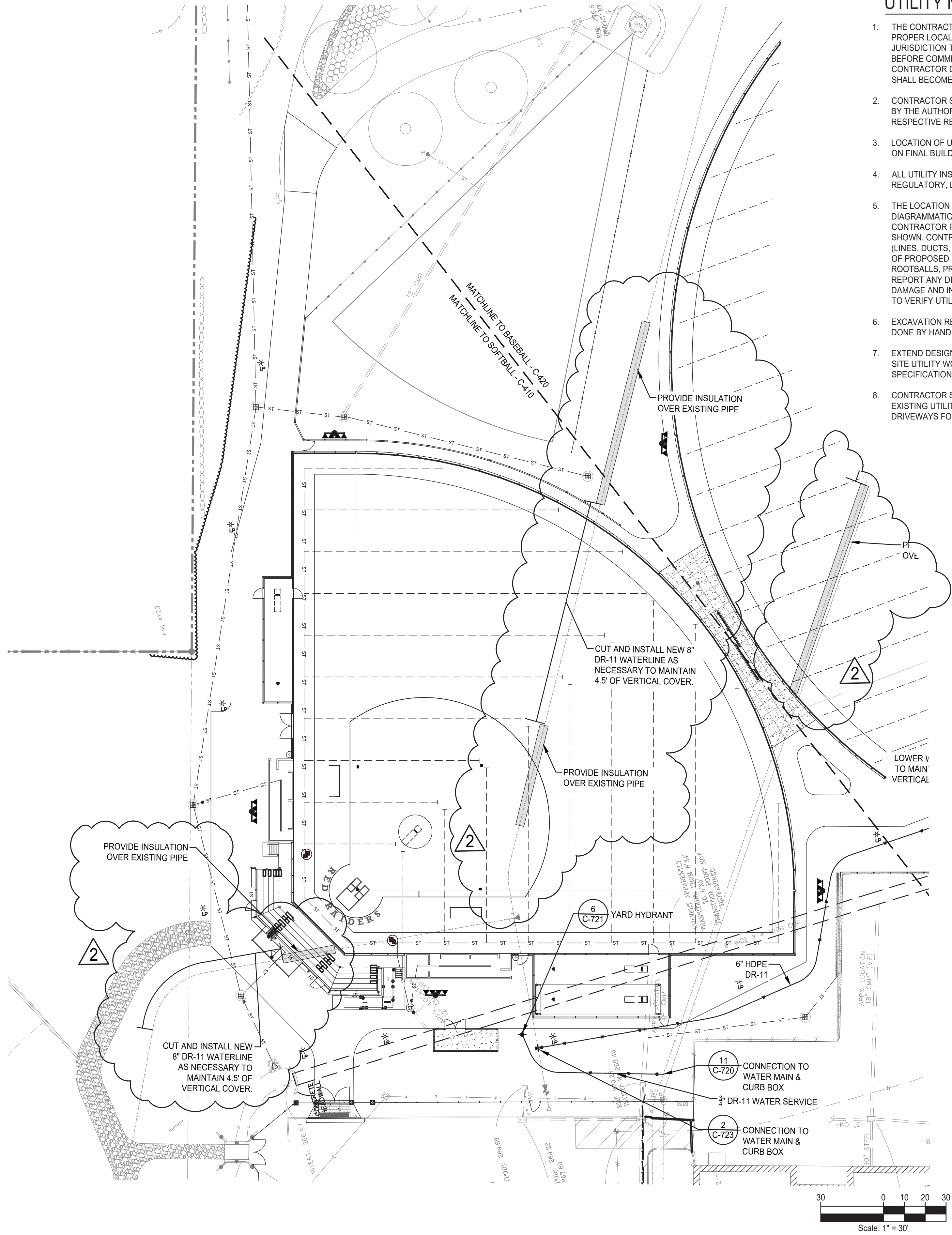
1

Date

10-03-24

Revisions

REG. EXP. DATE: 12-03-25



UTILITY NOTES

1. THE CONTRACTOR SHALL CONTACT U.F.P.O. (1-800-962-7962) AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY HAVING JURISDICTION TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY COSTS INCURRED BY THE CONTRACTOR DUE TO FAILURE TO CONTACT THE PROPER AUTHORITIES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR.
2. CONTRACTOR SHALL COORDINATE ALL REQUIRED UTILITY INSPECTIONS BY THE AUTHORITY HAVING JURISDICTION IN ACCORDANCE WITH THEIR RESPECTIVE REQUIREMENTS.
3. LOCATION OF UTILITY CONNECTIONS AT BUILDING TO BE VERIFIED BASED ON FINAL BUILDING FOOTPRINT CONFIGURATION.
4. ALL UTILITY INSTALLATIONS SHALL BE IN ACCORDANCE WITH ALL REGULATORY, LOCAL MUNICIPAL AND BUILDING CODE REQUIREMENTS.
5. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE DIAGRAMMATIC FOR INFORMATION ONLY, AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ALL UTILITIES MAY NOT BE SHOWN. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.) AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. ANY DAMAGE AND INCURRED COSTS DUE TO FAILURE OF THE CONTRACTOR TO VERIFY UTILITY LOCATIONS SHALL BE BORNE BY THE CONTRACTOR.
6. EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES SHALL BE DONE BY HAND.
7. EXTEND DESIGNATED LIMIT OF WORK AS NECESSARY TO ACCOMPLISH SITE UTILITY WORK AS REQUIRED BY THESE DRAWINGS AND SPECIFICATIONS.
8. CONTRACTOR SHALL PROTECT AND SUSTAIN IN NORMAL SERVICE ALL EXISTING UTILITIES, STRUCTURES, EQUIPMENT ROADWAYS AND DRIVEWAYS FOR THE DURATION OF CONSTRUCTION.

LEGEND

- PROPERTY LINE
- EXISTING VEGETATION
- EXISTING UNDERGROUND WATER
- EXISTING UNDERGROUND SEWER
- EXISTING FENCE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING WATER LINE
- EXISTING SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED SANITARY LINE

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Drawing Title

**UTILITY PLAN -
SOFTBALL FIELD**

Drawing No.

C-410

of X

**NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 & HVAC
UPGRADES**

HIGH SCHOOL: SED#50201-06-09-008
PRESSBOX: SOFTBALL: SED#50201-06-7-000-001
PRESSBOX: BASEBALL: SED#50201-06-7-001-001
100 Montgomery Rd.
Troy, NY 12184
COUNTY OF ROCKLAND

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Landscape
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The LA GROUP
Landscape Architecture & Engineering P.C.
Project: Project File

Structural
Engineer:

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Drawn by

Checked by

Project No.

43045

Scale

AS NOTED

Date

10/30/2023

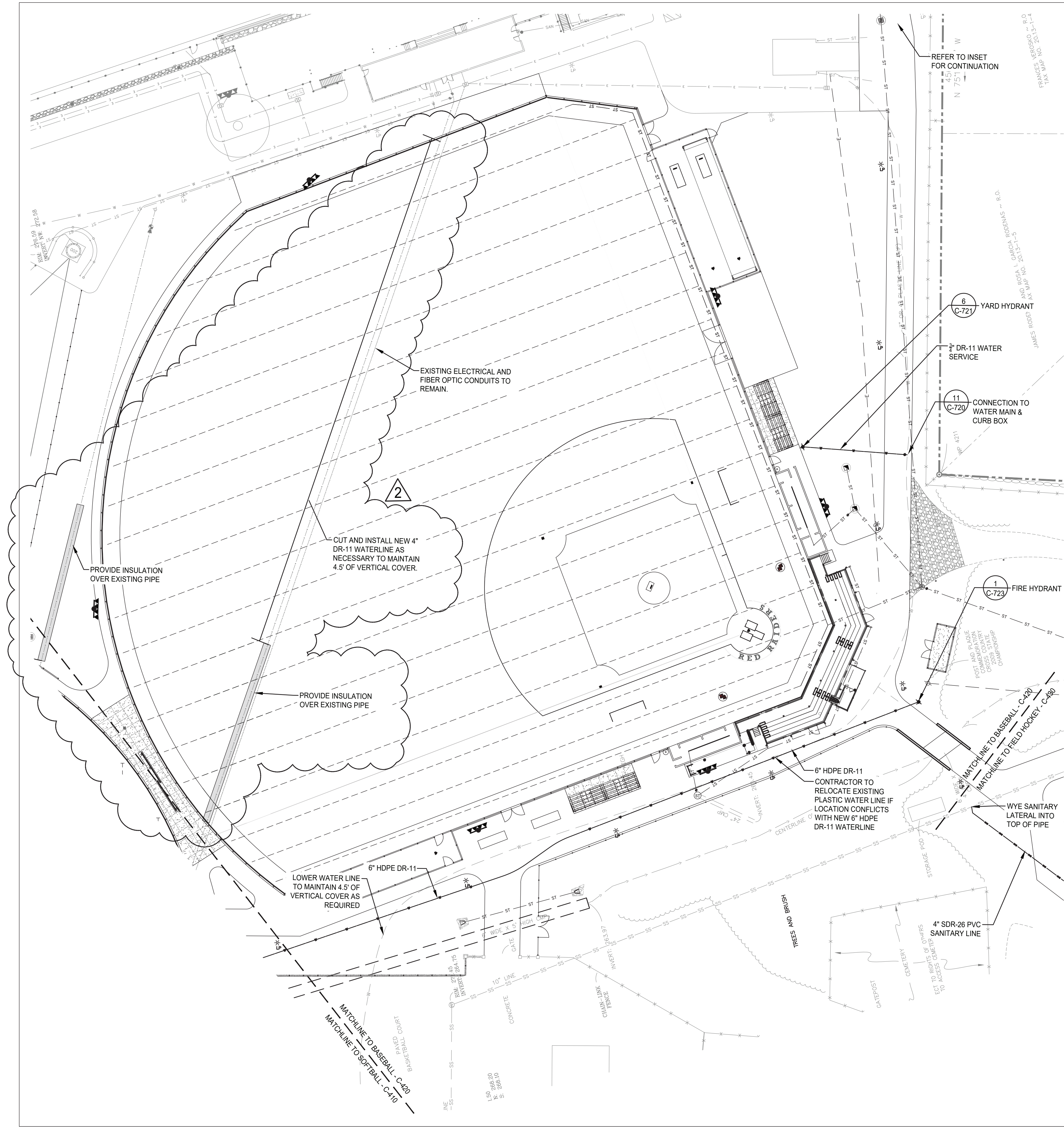
No.

Date

Revisions

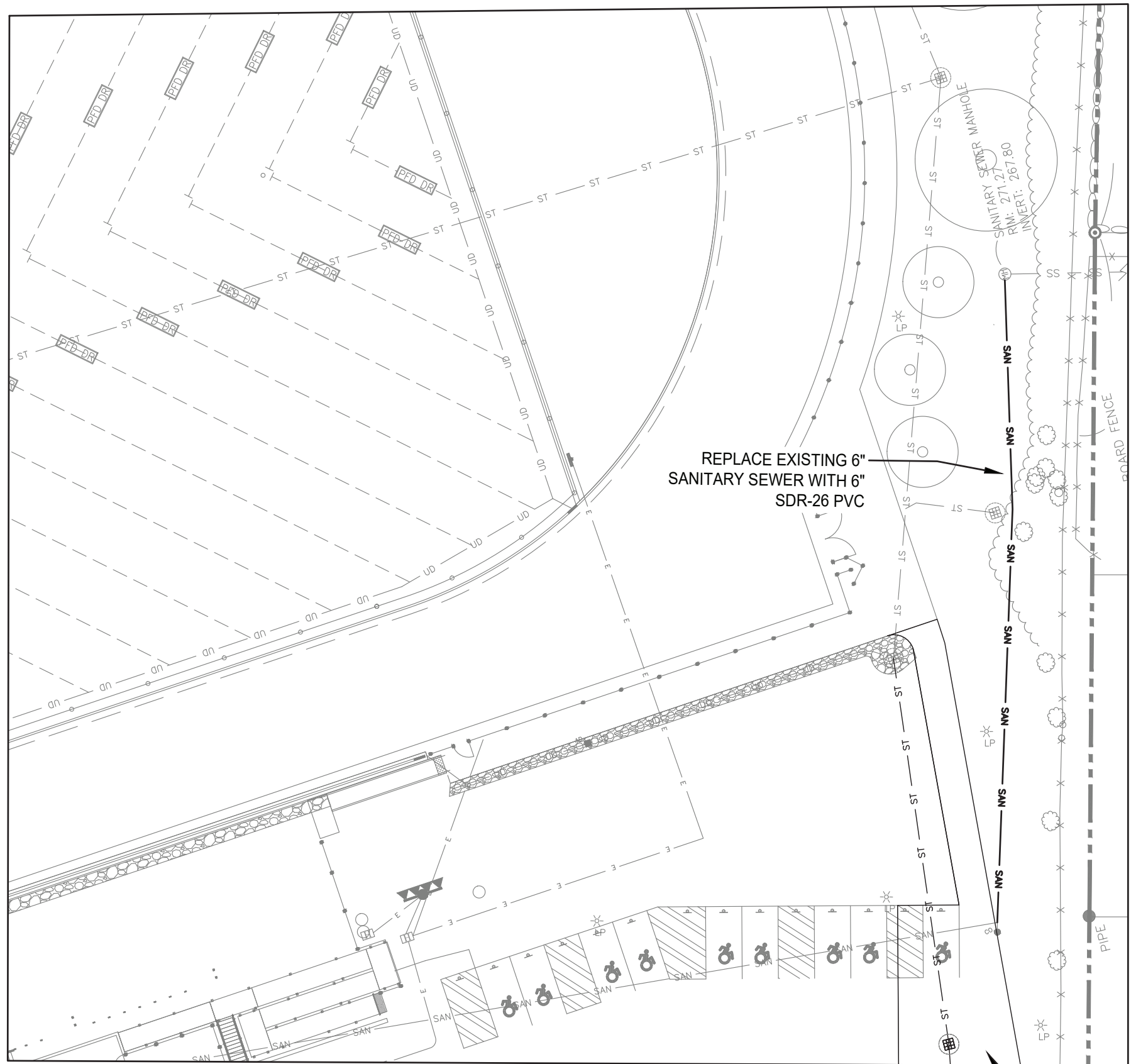
2 10/23/24 BIDDING ADDENDUM 1

1 10/03/24 BIDDING DOCUMENTS



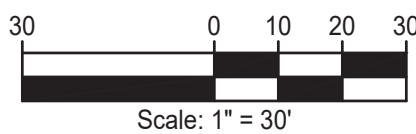
UTILITY NOTES

REFER TO SHEET C-410 FOR UTILITY NOTES.



SANITARY SEWER INSET

- LEGEND
- PROPERTY LINE
 - EXISTING VEGETATION
 - EXISTING UNDERGROUND WATER
 - EXISTING UNDERGROUND SEWER
 - EXISTING FENCE
 - EXISTING UNDERGROUND ELECTRIC
 - EXISTING WATER LINE
 - EXISTING SANITARY LINE
 - PROPOSED WATER LINE
 - PROPOSED SANITARY LINE



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Drawing Title

UTILITY PLAN -
BASEBALL FIELD

Drawing No.

C-420

of X

NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 & HVAC
UPGRADES

HIGH SCHOOL: SED#500201-06-01-06-08
PRESS BOX: SOFTBALL: SED#500201-06-7-000-001
PRESS BOX: BASEBALL: SED#500201-06-7-001-001

100 Monticello Rd.
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The LA GROUP
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Landscape Architecture & Engineering P.C.

Landscape
Architect &
Civil Engineer:

Structural
Engineer:

Drawn by

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Project No.

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Scale

AS NOTED

Date

10/30/2023

No.

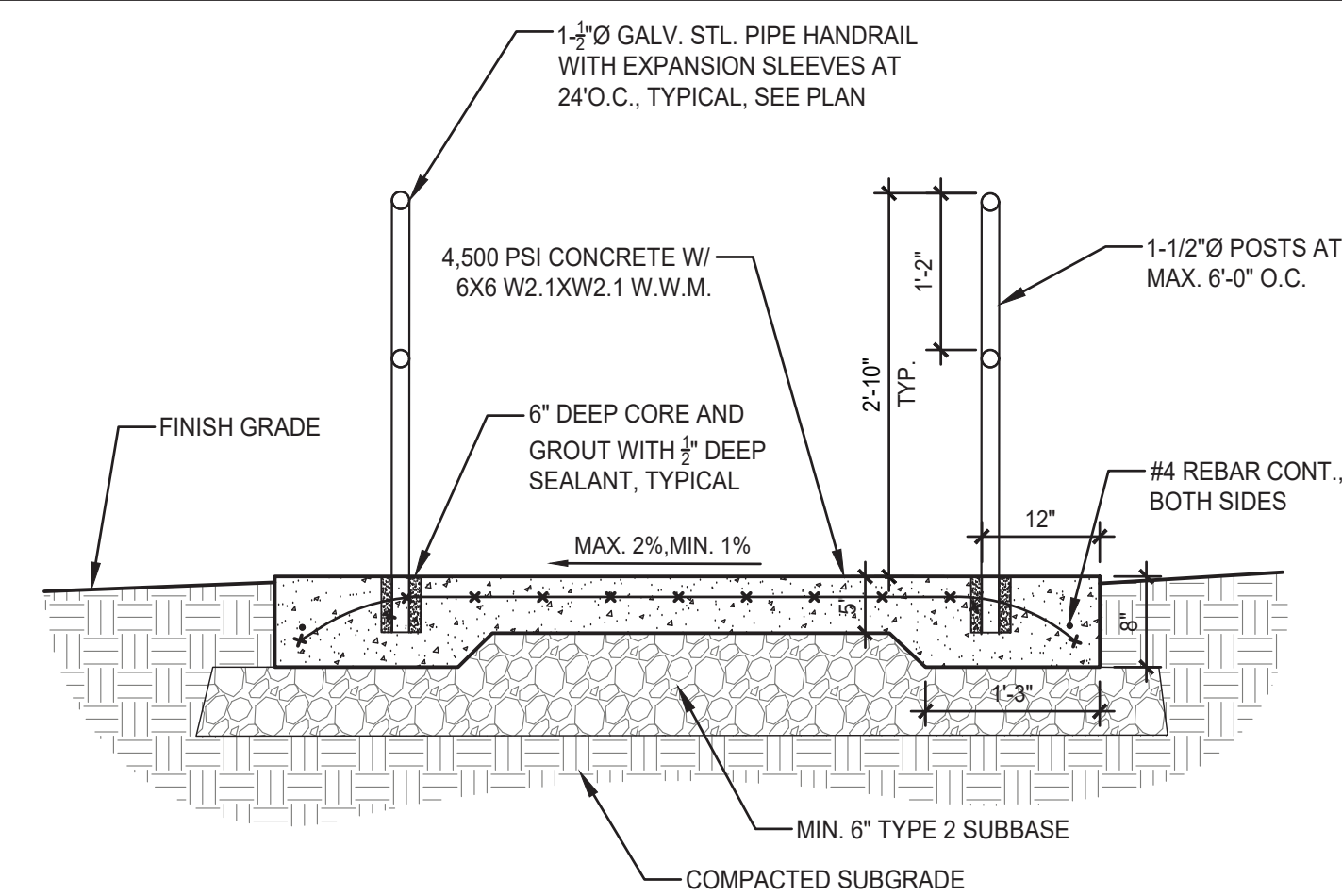
Date

Revisions

2 10/23/24 BIDDING ADDENDUM 1

1 10/03/24 BIDDING DOCUMENTS

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.



SEE PLAN

1'-0"

RAMP, SEE PLAN

1'-0"

12" HANDRAIL EXTENSION AT BTM. OF RAMP

3/4" EXP. JOINT AND SEALANT, SEE PLAN

#4 SMOOTH DOWEL AT 12" O.C.

2'-10"

DETECTABLE WARNING PANEL

MAX. 3/4" REVEAL

ASPHALT PAVEMENT

#4 BAR CONT.

(2) #4 BARS CONT.

TURNED DOWN EDGE AT DRIVES

12"

12"

6X6 W2.1XW2.1 W.W.M.

6" TYPE 2 BASE

COMPACTED SUBGRADE

ADJACENT WALK, SEE PLAN

12" HANDRAIL EXTENSION AT TOP OF RAMP


SECTION AT TERRACE SEATING

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

[illegible]

STUDYING UNDER THE
DIRECTION OF

Drawn by	
Checked by	
Project No.	43045
Scale	AS NOTED
Date	10/30/2023

<p>Landscope Architect & Civil Engineer:</p>	 <p>The LA GROUP Landscope Architecture & Engineering P.C. <i>People. Projects. Places.</i></p>
<p>Structural Engineer:</p>	<p>— — —</p>

**NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 &
HVAC UPGRADES**

**HIGH SCHOOL: SDW 50-02-01-06-0-016-008
PRESS BOX - SOTFALL: SDW 50-02-01-06-7-000-001
PRESS BOX - BASEBALL: SDW 50-02-01-06-7-001-001**

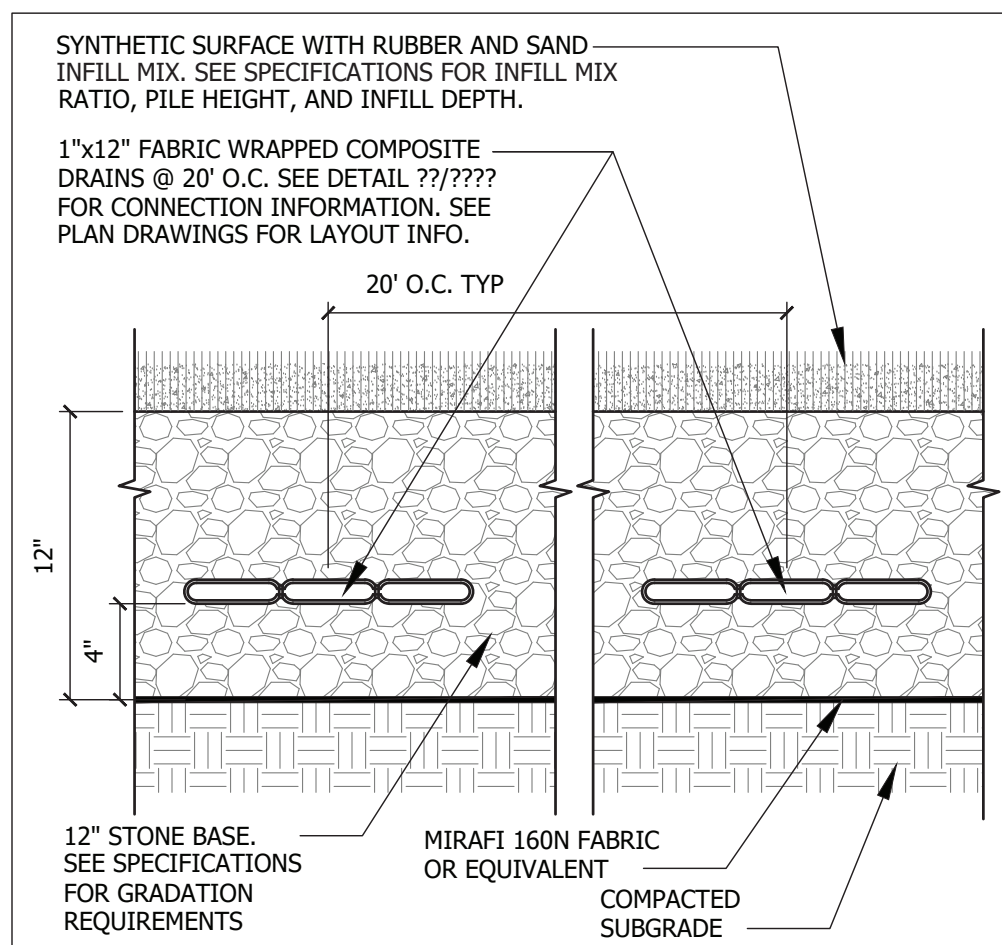
**TOWN OF HAVERTOWN
COUNTY OF ROCKLAND**

**100 Hammond Rd.
Thiells, NY 10984**

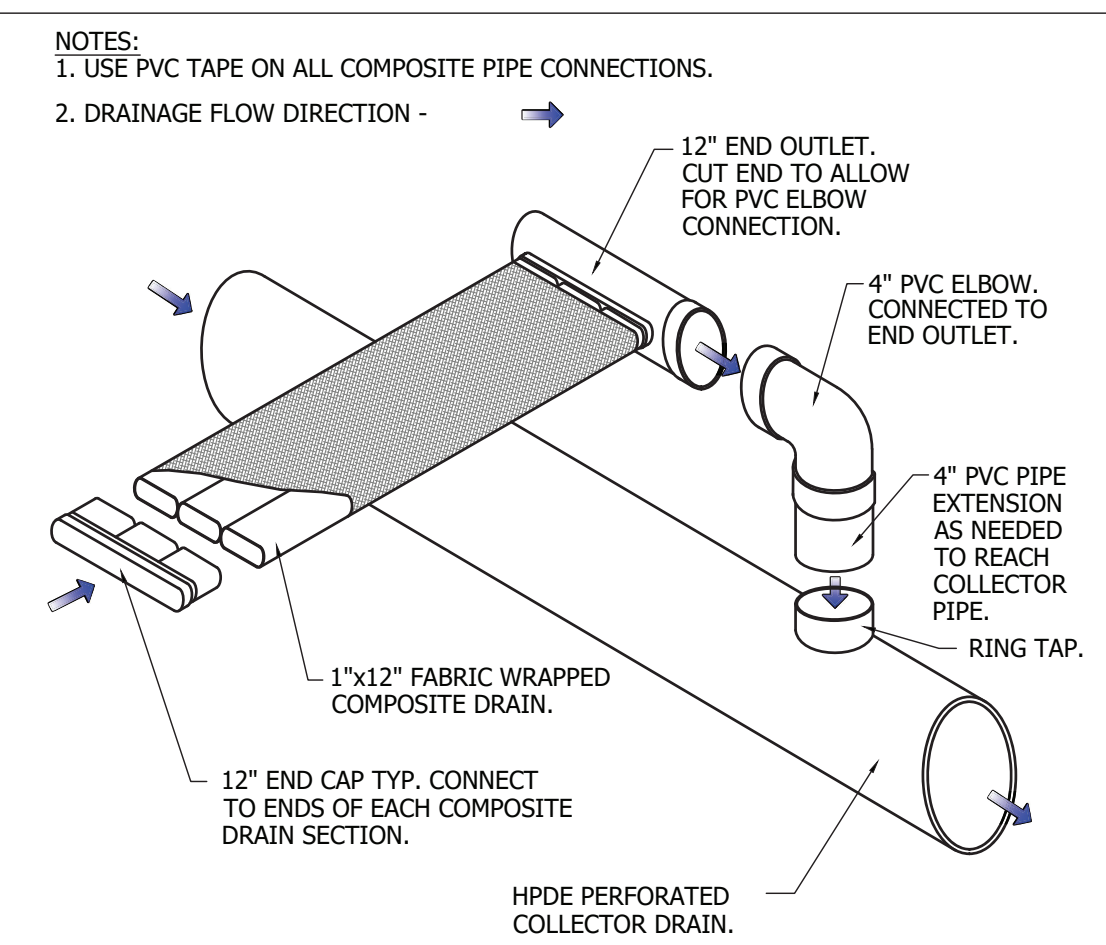


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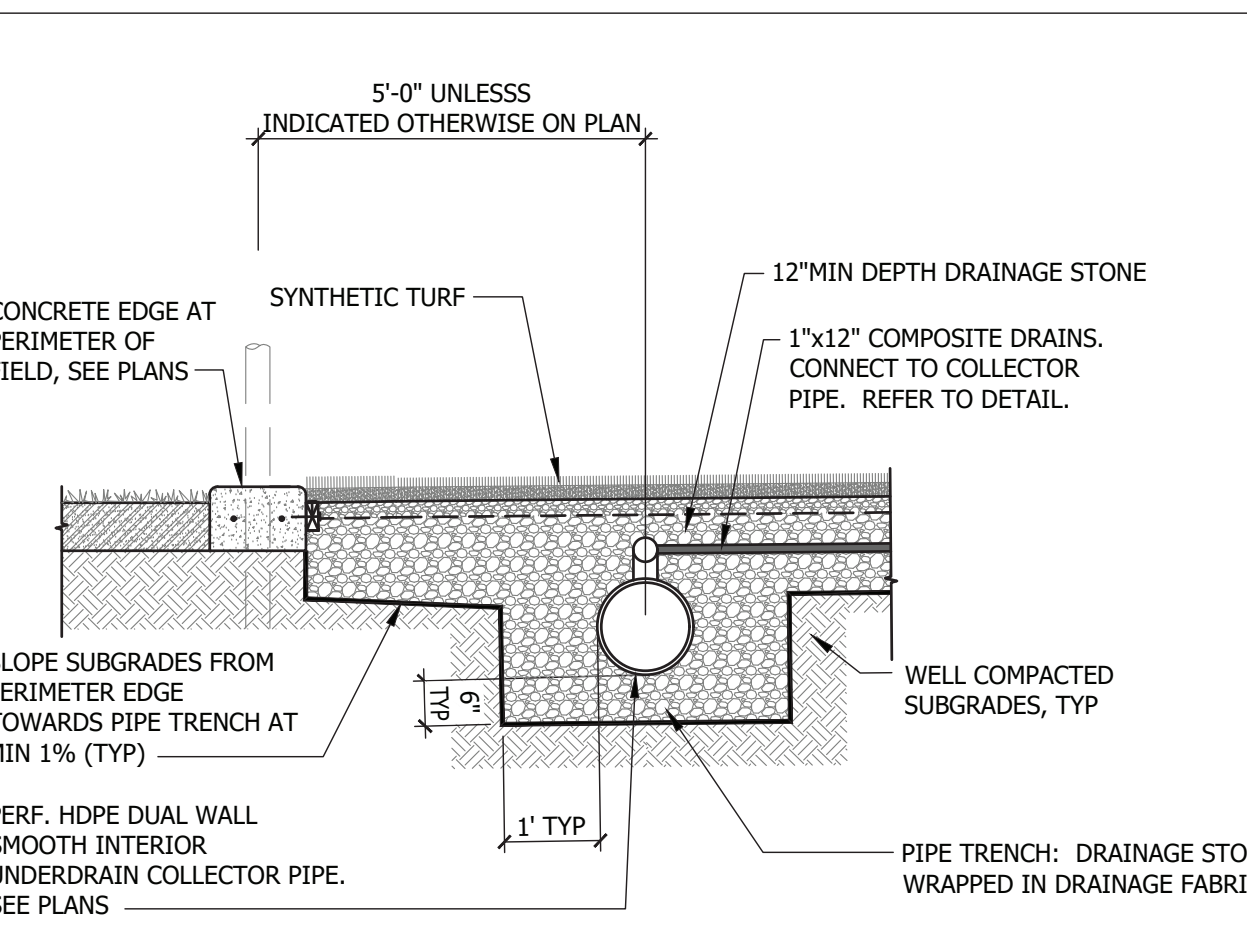
Drawing Title
**STAIR & WALL
 DETAILS**



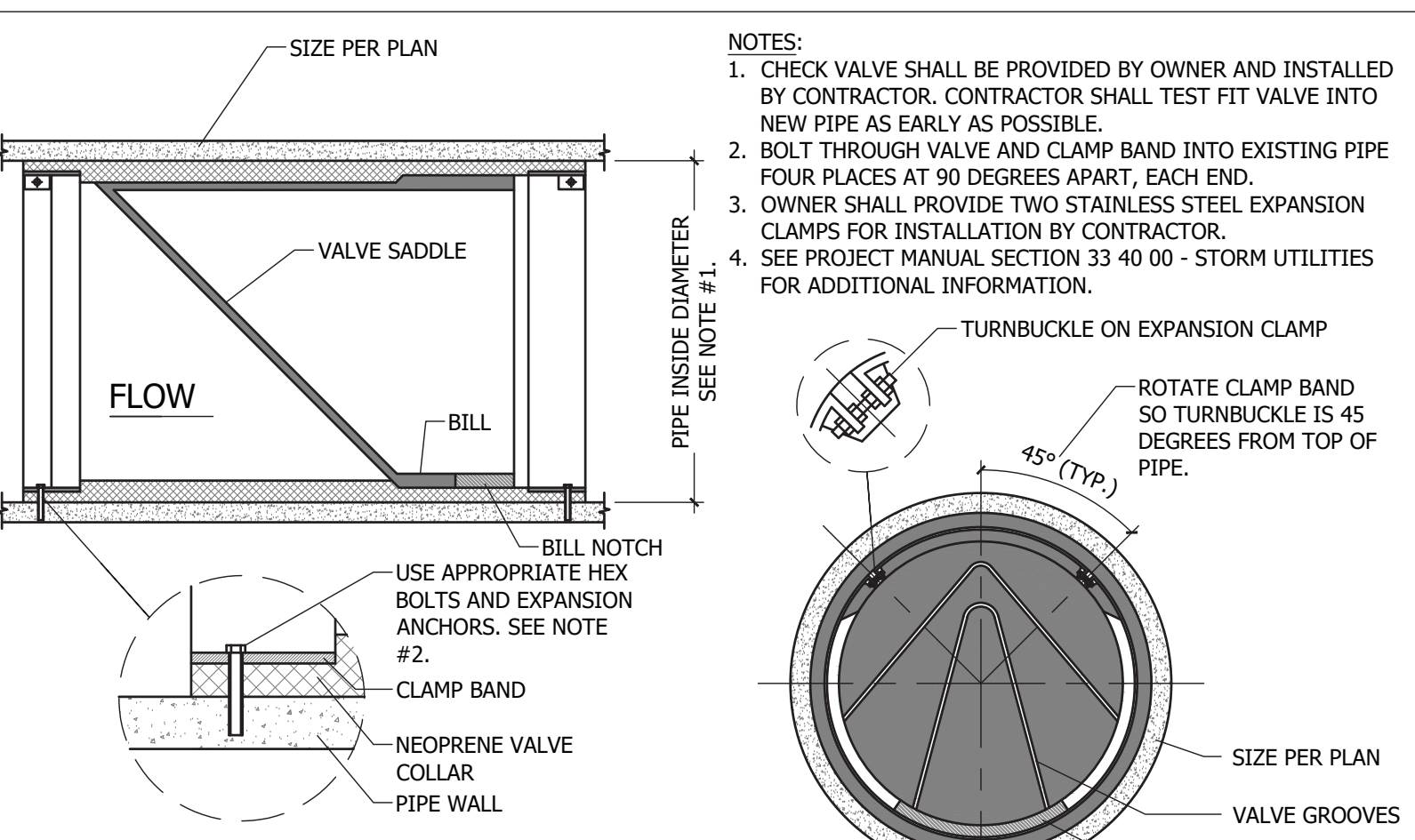
1 SYNTHETIC TURF COMPOSITE DRAIN
Scale: N.T.S.



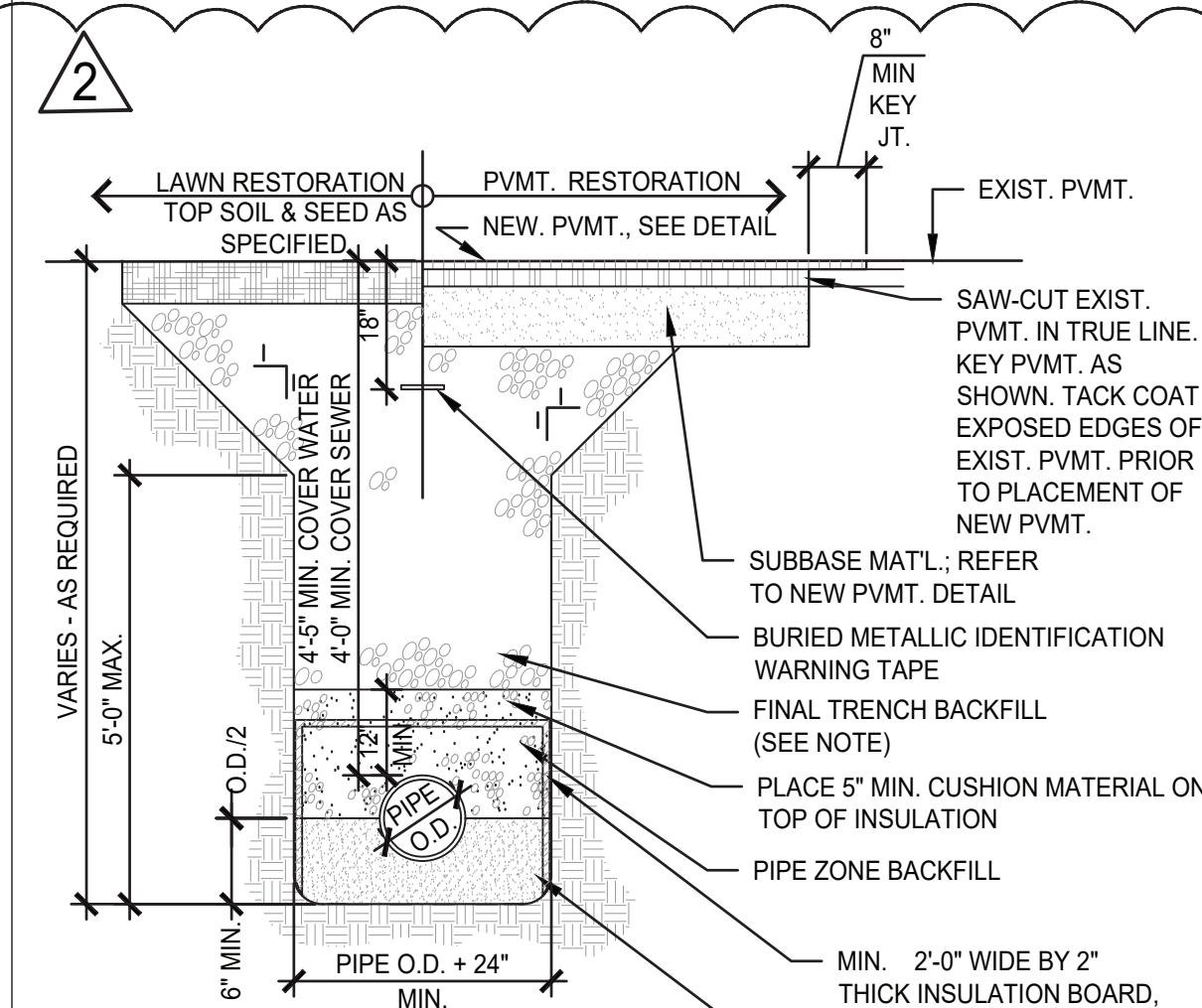
2 COMPOSITE DRAIN CONNECTIONS
Scale: N.T.S.



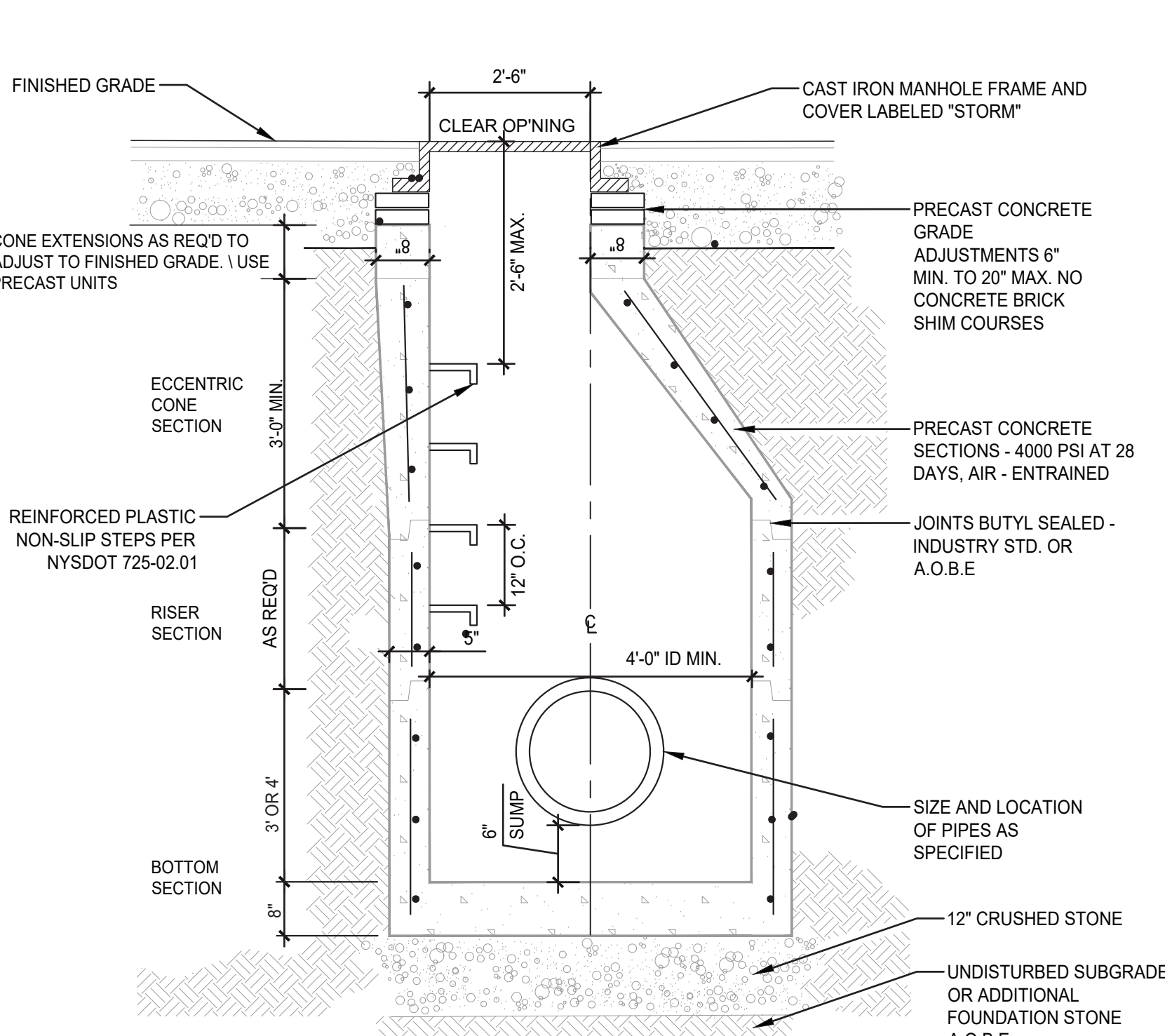
3 TURF FIELD COLLECTOR PIPE
Scale: N.T.S.



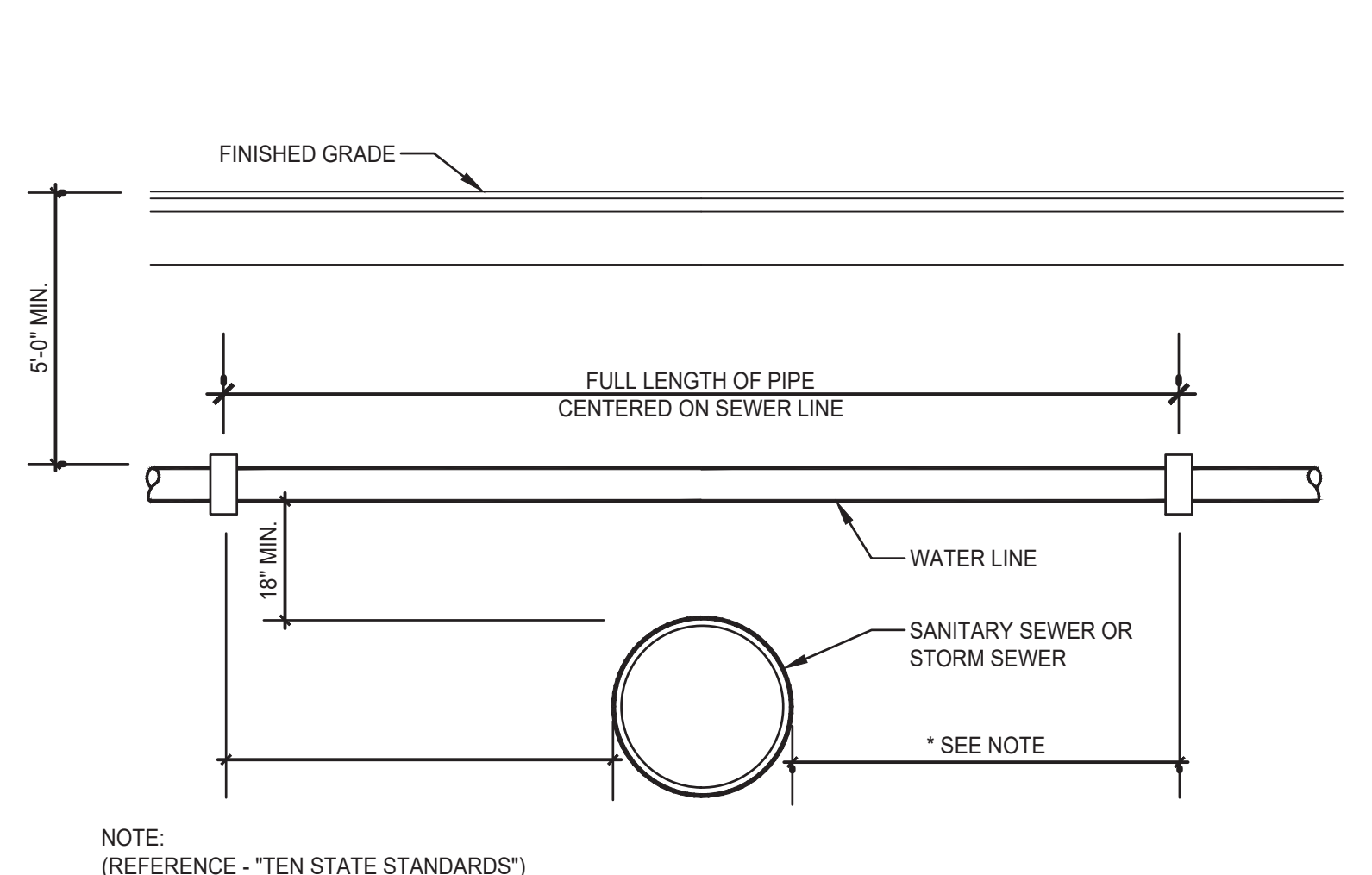
4 NEOPRENE CHECK VALVE
Scale: N.T.S.



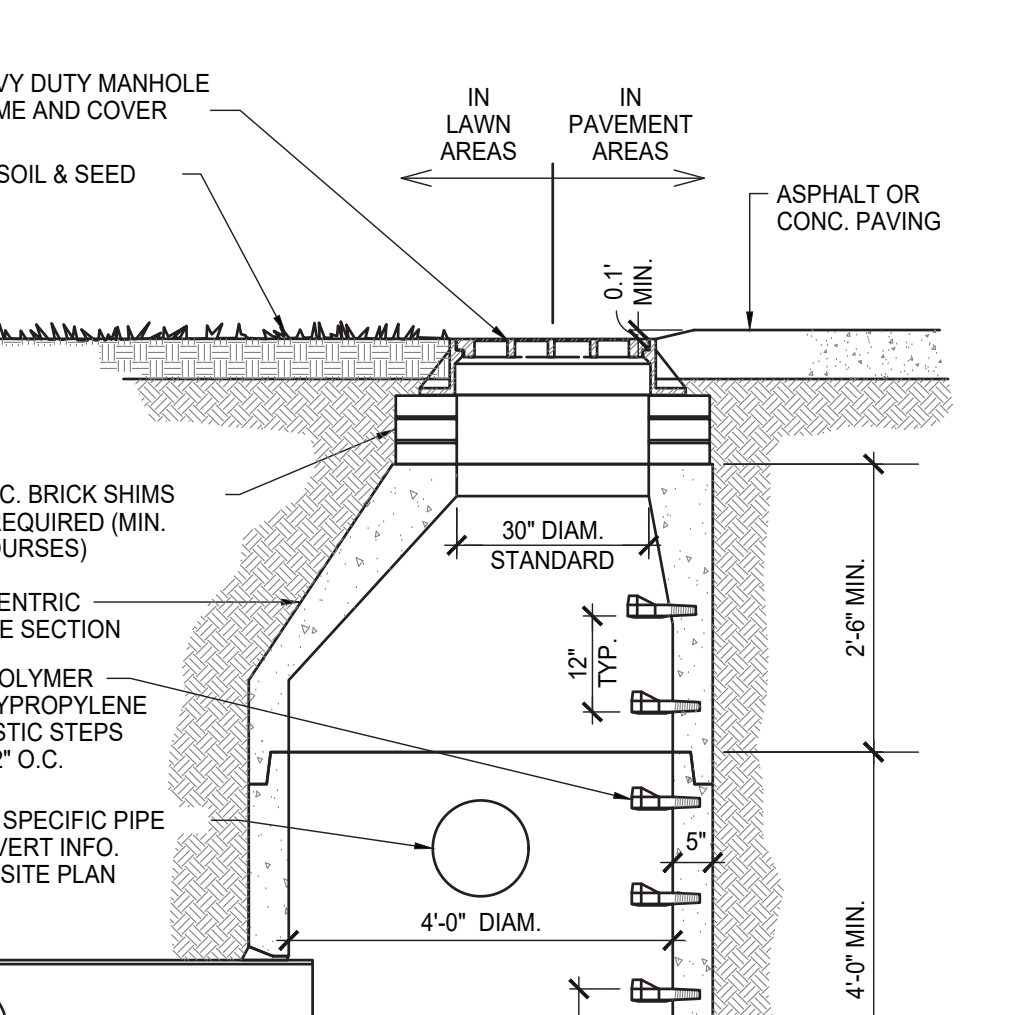
5 PIPE TRENCH
Scale: N.T.S.



6 STORMWATER MANHOLE
Scale: N.T.S.



7 UTILITY CROSSING
Scale: N.T.S.



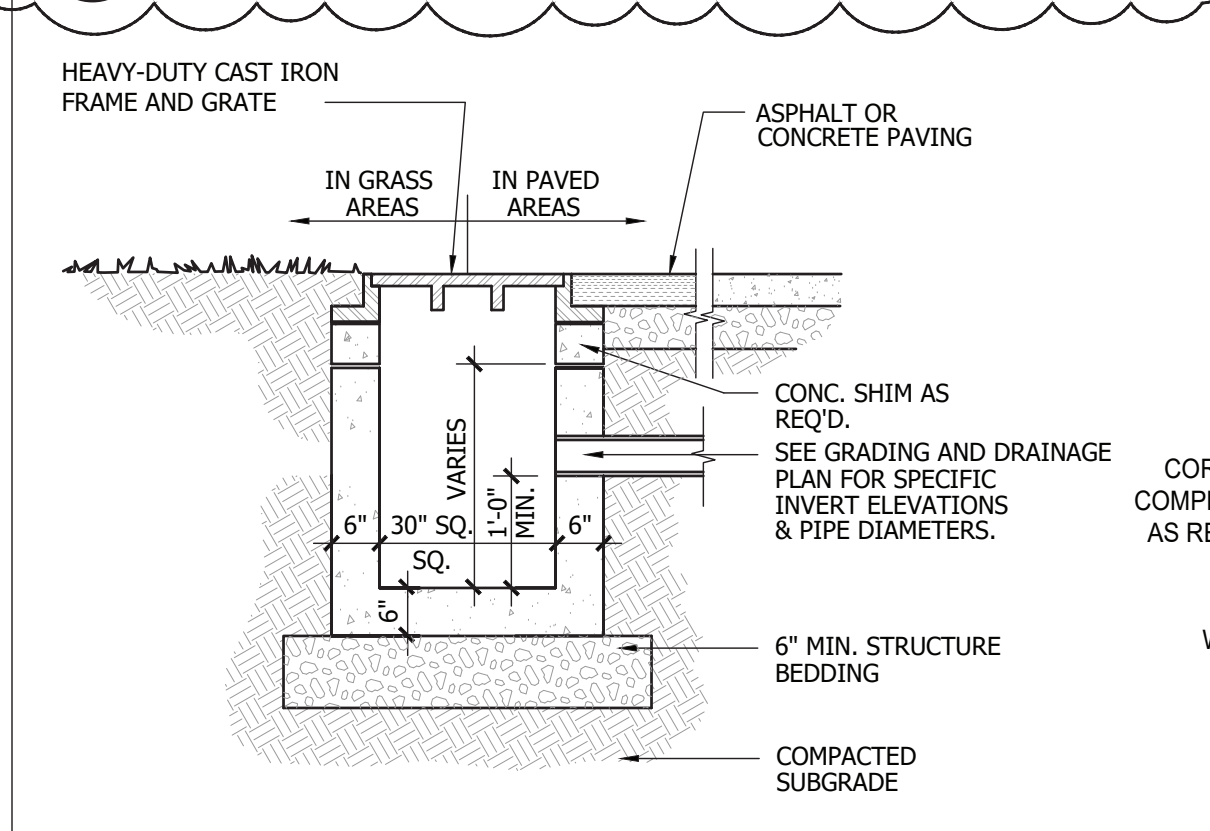
8 CATCH BASIN
Scale: N.T.S.

NOTES:

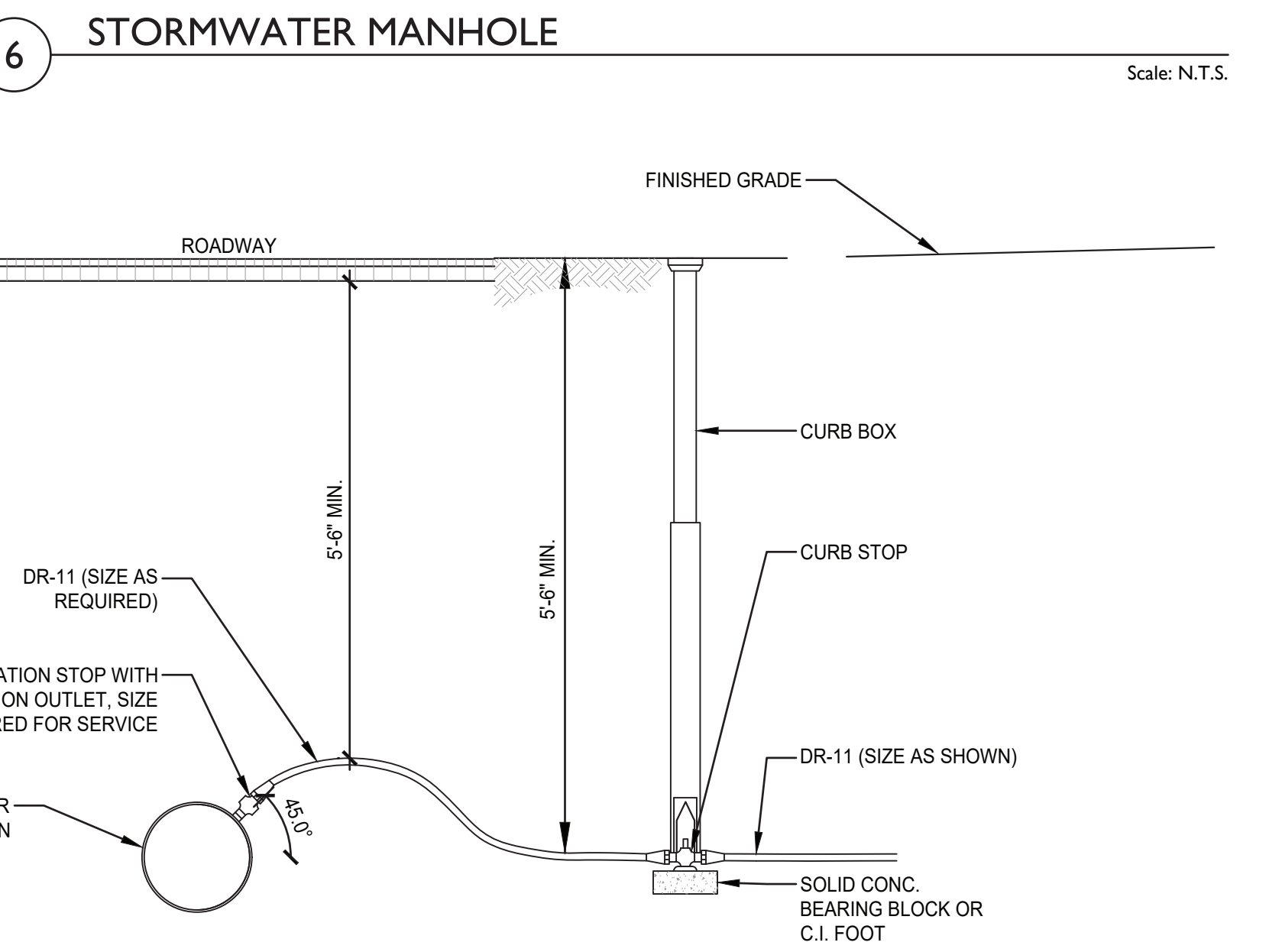
- FINAL TRENCH BACKFILL
- IN NON-PAVED AREAS, FINAL TRENCH BACKFILL SHALL BE EXCAVATED MATERIAL WHEN DETERMINED SUITABLE BY THE ENGINEER OF RECORD; OTHERWISE IT SHALL BE NYS DOT TYPE 1 (ITEM NO. 304.02). MIN. MOD. PROCTOR DENSITY SHALL BE 85 PERCENT.
- IN PAVED AREAS, FINAL TRENCH BACKFILL SHALL BE NYS DOT TYPE 1 (ITEM NO. 304.02). MIN. MODIFIED PROCTOR DENSITY SHALL BE 95 PERCENT.
- ALL PIPE ZONE BEDDING, PIPE ZONE BACKFILL, AND FINAL TRENCH BACKFILL SHALL BE PLACED IN 6 INCH MAX. COMPACTED LIFTS. ALL BEDDING AND BACKFILL MATERIALS SHALL BE MECHANICALLY COMPACTED TO THE SATISFACTION OF THE ENGINEER.
- EXCAVATION SHALL BE KEPT DRY AND DEWATERED AT ALL TIMES.

ITEM	DEPTH	MATERIAL	NYS DOT TYPE	METHOD OF PLACEMENT
PIPE ZONE BEDDING	6" MIN.	ANGULAR CRUSHED STONE	1 & 2	MECHANICAL COMPACTION
PIPE ZONE BACKFILL	12" MIN. COVER	ANGULAR CRUSHED STONE	1 & 2	
FINAL TRENCH BACKFILL	VARIES	SEE NOTE	SEE NOTE	

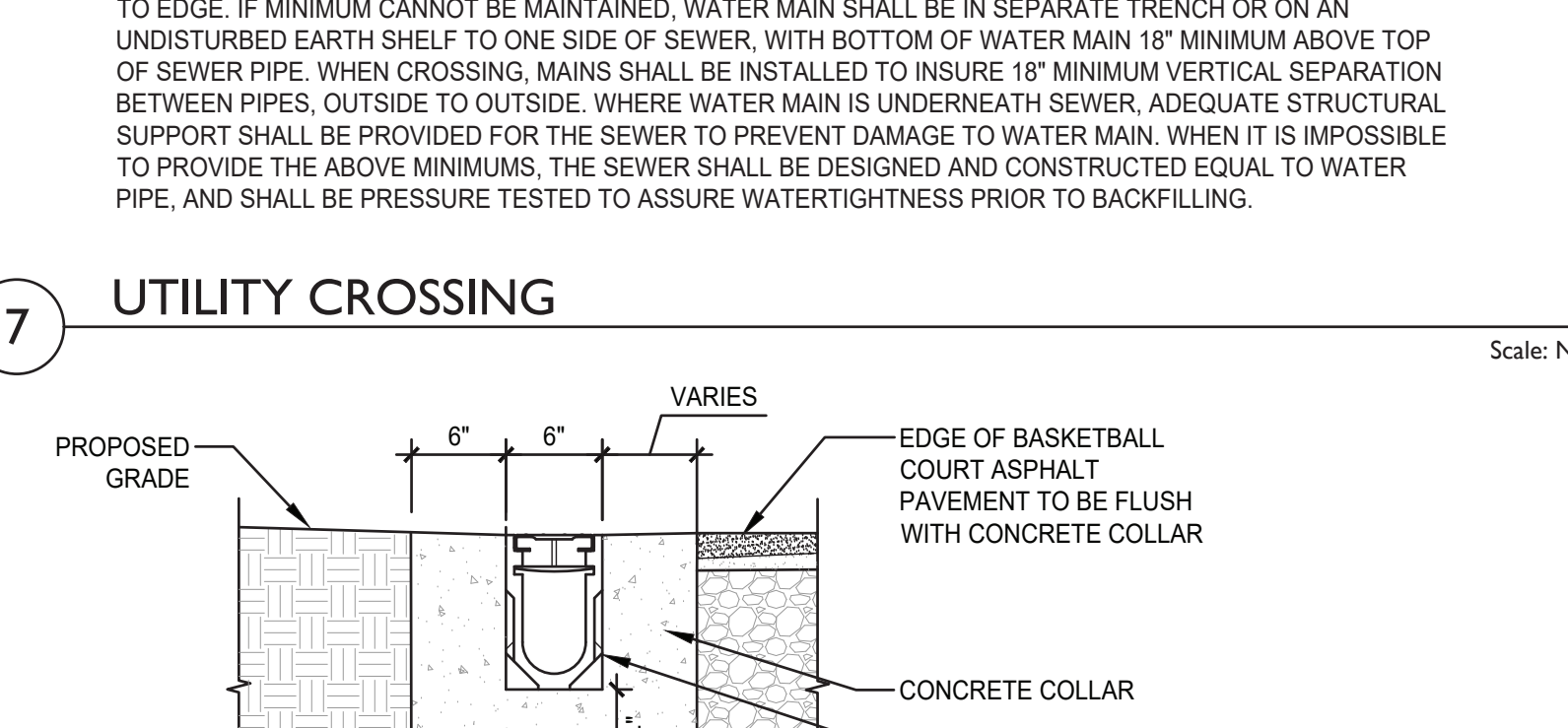
5 PIPE TRENCH
Scale: N.T.S.



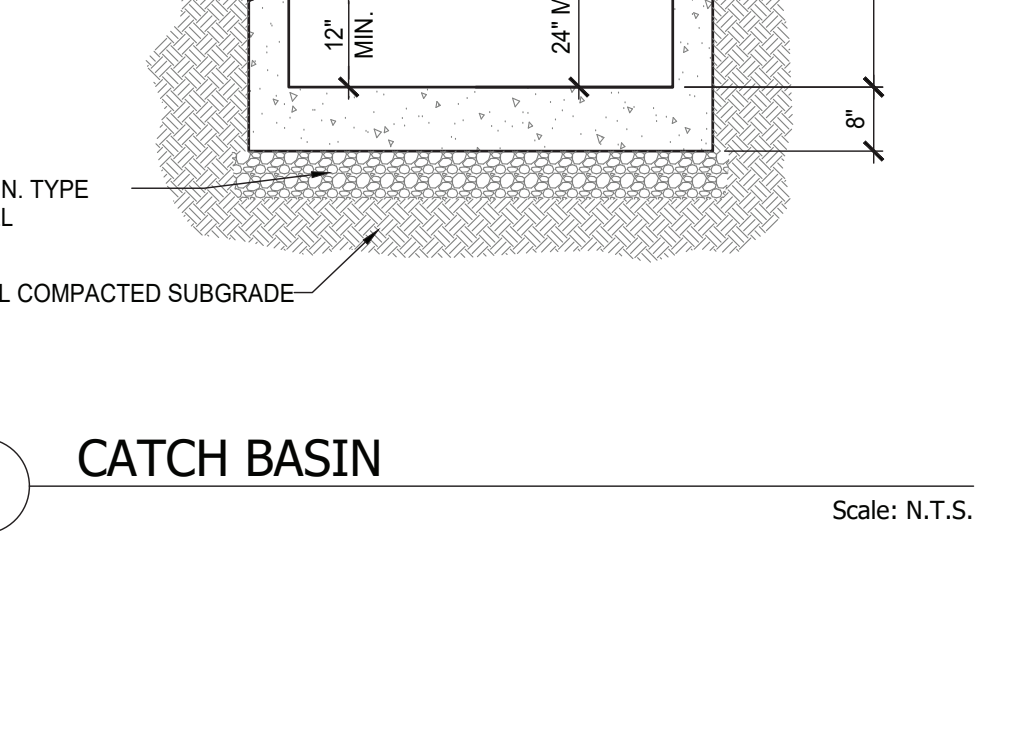
10 DROP INLET
Scale: N.T.S.



11 WATER SERVICE CONNECTION
Scale: N.T.S.



9 TRENCH DRAIN
Scale: N.T.S.



12 QUICK COUPLER VALVE
Scale: N.T.S.

10 DROP INLET
Scale: N.T.S.

11 WATER SERVICE CONNECTION
Scale: N.T.S.

12 QUICK COUPLER VALVE
Scale: N.T.S.

13 SANITARY CONNECTION AT GRADE
Scale: N.T.S.

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Drawn by	Checked by	Project No.	Scale	Date
		43045	AS NOTED	10/30/2023

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Landscape Architect & Civil Engineer
Structural Engineer

NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES

HIGH SCHOOL: SEDW 90201-06-00-0008
PRESSBOX - SOFTBALL: SEDW 90201-06-700001
PRESSBOX - BASEBALL: SEDW 90201-06-700001

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UTILITY DETAILS

C-720 of X



PLAN NOTES:

1. THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH SCHOOL BUILDING FACILITY AND ALL OTHER TRADES.
2. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY UNAUTHORIZED DISRUPTION AND POWER OUTAGES.
3. MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY CONSTRUCTION WORK.
4. CONTRACTOR IS TO TRACE AND PROTECT ALL FEEDER & BRANCH CIRCUITS FOR ALL AREAS OF THE SITE AND ALL OTHER ELECTRICAL EQUIPMENT DURING DEMOLITION/CONSTRUCTION. ELECTRICAL CONTRACTOR IS REQUIRED TO COORDINATE THIS REQUIREMENT WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES.
5. ROUTING OF ELECTRICAL CONDUITS IF SHOWN IN THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR IS RESPONSIBLE TO FINALIZE THE ROUTING OF ALL ELECTRICAL CONDUITS AT FIELD IN COORDINATION WITH ALL OTHER TRADES, EXISTING AND NEW BUILDING ELEMENTS, STRUCTURES, PIPES, EQUIPMENT, LANDSCAPING ETC., FOR CODE COMPLIANT INSTALLATION.
6. ALL ELECTRIC SERVICES AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS & THE NATIONAL ELECTRIC CODE (NEC).
7. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE CODE COMPLIANT GROUNDING OF THE CIRCUITS, EQUIPMENT AND CONDUITS AS PER NEC AND SPECIFICATION.
8. ALL UNDERGROUND CONDUITS SHALL BE PVC/RGC AND RUN 24" BELOW GRADE UNLESS OTHERWISE INDICATED.
9. ALL SPARE CONDUITS SHALL BE INSTALLED WITH DRAG LINES.
10. COORDINATE WITH LANDSCAPE ARCHITECT AND ARCHITECTURAL DRAWINGS FOR SURFACE RESTORATION AND RESURFACING WORK.
11. THE CONTRACTOR SHALL PROVIDE MAGNETIC WARNING TAPE FOR EACH UNDERGROUND DUCT BANK/CONDUIT.
12. THE CONTRACTOR IS REQUIRED TO USE POLYWATER AFT-AEROSOL FOAM SEALANT OR EQUIVALENT TO SEAL BOTH ENDS OF SERVICE CONDUITS TO FILL THE GAP BETWEEN CABLES AND CONDUIT IN ORDER TO PREVENT ANY WATER PENETRATION THROUGH CONDUITS TO THE ELECTRICAL EQUIPMENT INSIDE THE BUILDING. THE CONDUIT OPENINGS (GAP BETWEEN CABLES AND CONDUIT) SHALL BE SEALED DEEP ENOUGH TO CONFIRM THAT NO WATER INFILTRATION IS TAKING PLACE.
13. ROUTING OF CONDUITS SHALL BE AS PER LANDSCAPE ARCHITECTS DRAWINGS
14. ALL CONDUITS PASSING THROUGH ROADWAYS SHALL BE ENCASED IN MINIMUM 2" THICK CONCRETE



Revisions	
No.	Date
2	10/23/24
1	09/17/24
REV BIDDING ADDENDUM1 BIDDING DOCUMENTS	

Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

Landscape Architect & Civil Engineer:	THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 100 WEST 10TH STREET SAATCHI SPINGS, NY 12846
	Structural & P&E Engineer:
Structural & P&E Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUITE 200, SUFFERN, NY 10901

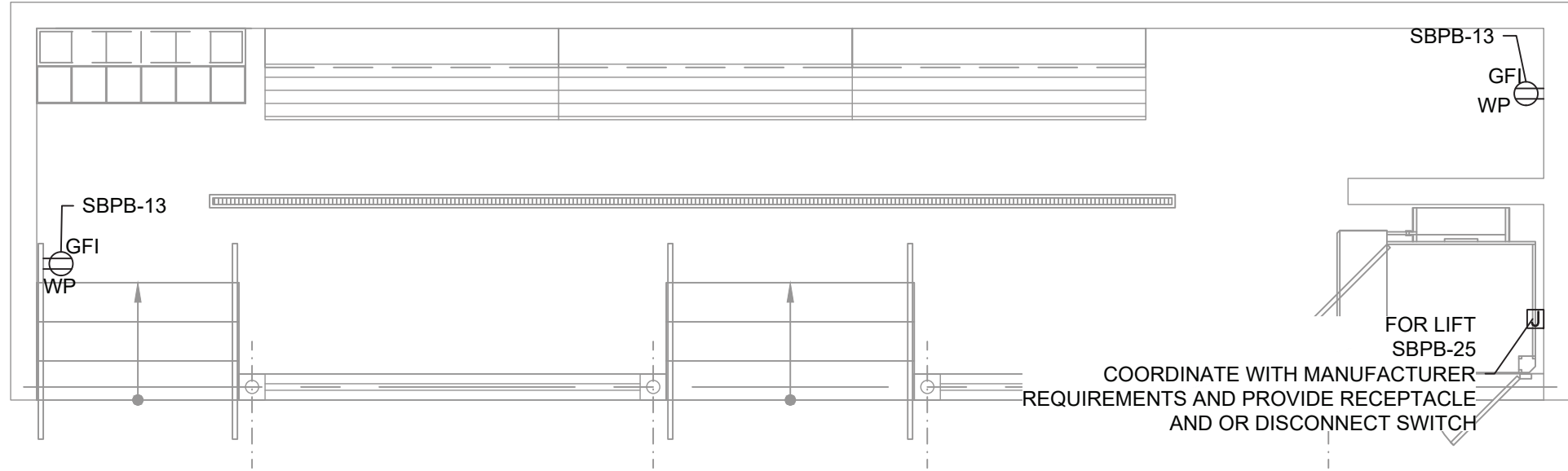
NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES HIGH SCHOOL SD# 50-02-01-05-0-006-008 PRESS BOX - SOFTBALL: SD# 50-02-01-05-0-007-000-001 PRESS BOX - BASEBALL: SD# 50-02-01-05-0-007-001-001 140 PARK AVENUE, 14TH FLOOR, NEW YORK, NY 10014
--

MSA MICHAEL SHILALE ARCHITECTS, L.L.P. 140 Park Avenue New York City, NY 10056 Tel 845-708-9200 www.shilale.com

ELECTRICAL SITE SERVICES PLAN FROM ANNEX BUILDING	CE-003
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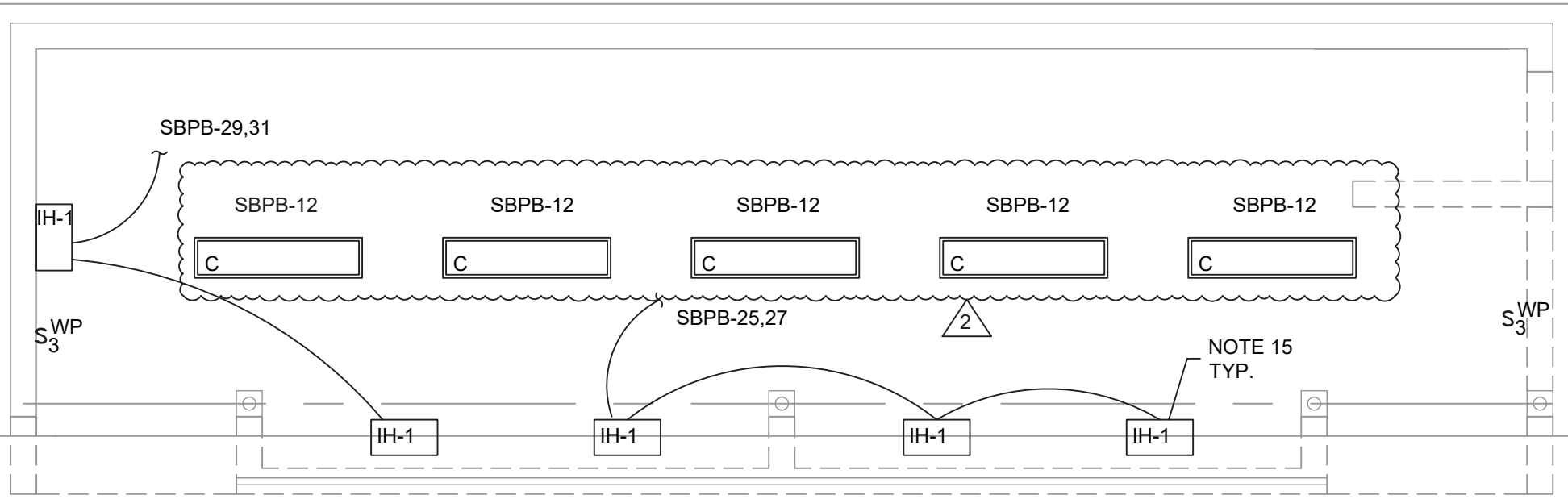
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Drawing Title
**ELECTRICAL
 BASEBALL FIELD
 INSTALLATION PLAN**



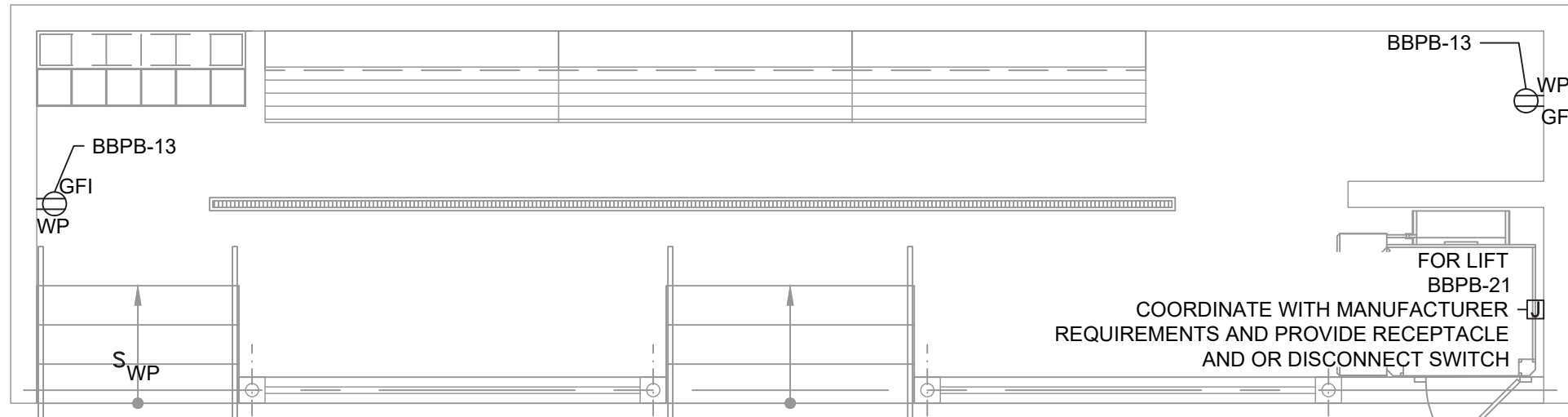
1 ELECTRICAL SOFTBALL DUGOUT INSTALL PLAN-1

SCALE: 1/4" = 1' 0"



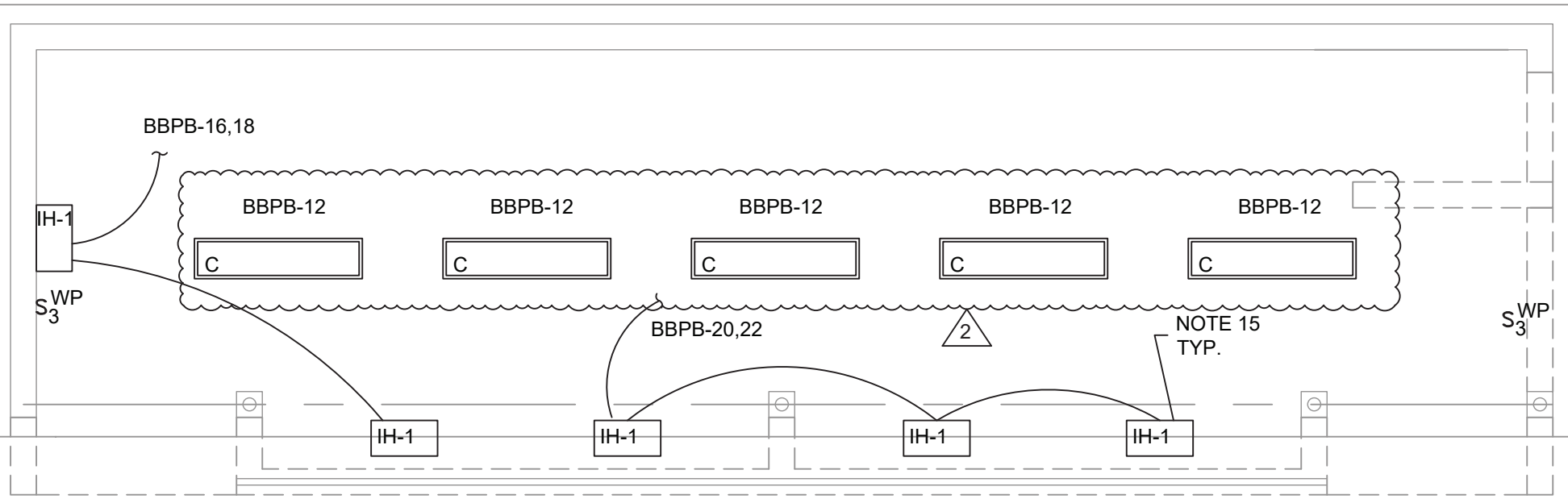
3 ELECTRICAL SOFTBALL DUGOUT CEILING PLAN-1

SCALE: 1/4" = 1' 0"



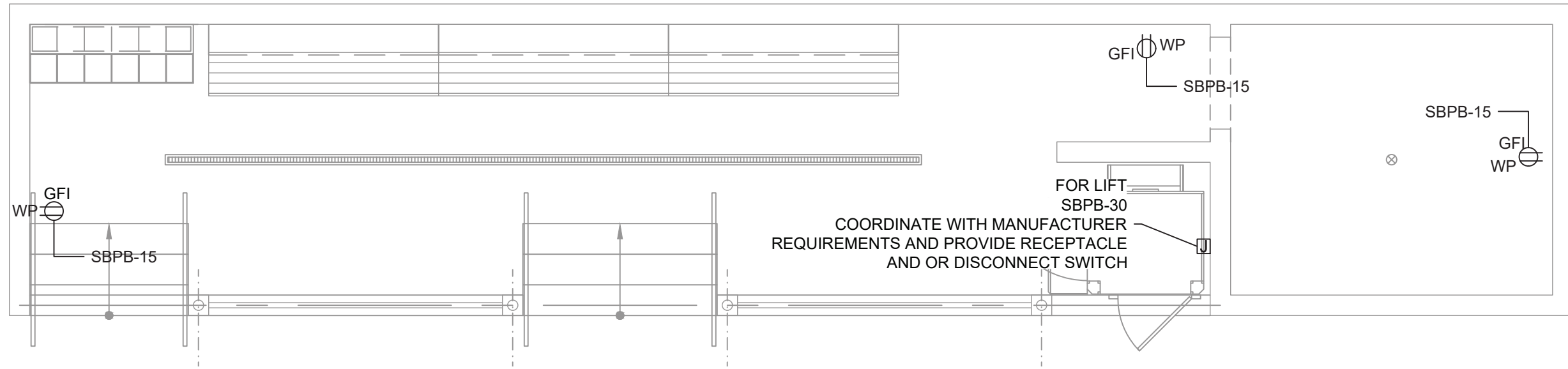
5 ELECTRICAL BASEBALL DUGOUT INSTALLATION PLAN-1

SCALE: 1/4" = 1' 0"



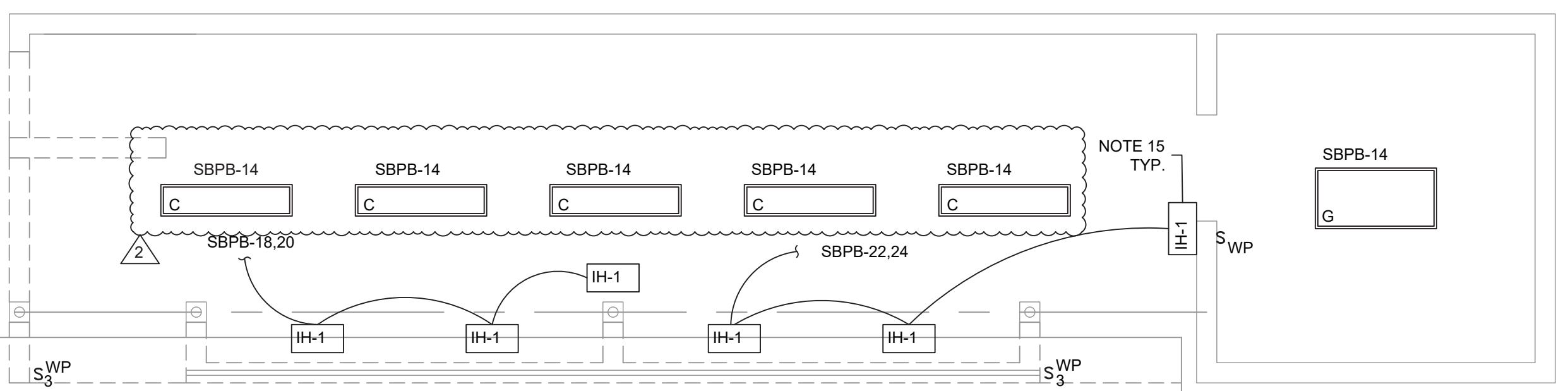
3 ELECTRICAL BASEBALL DUGOUT CEILING PLAN-1

SCALE: 1/4" = 1' 0"



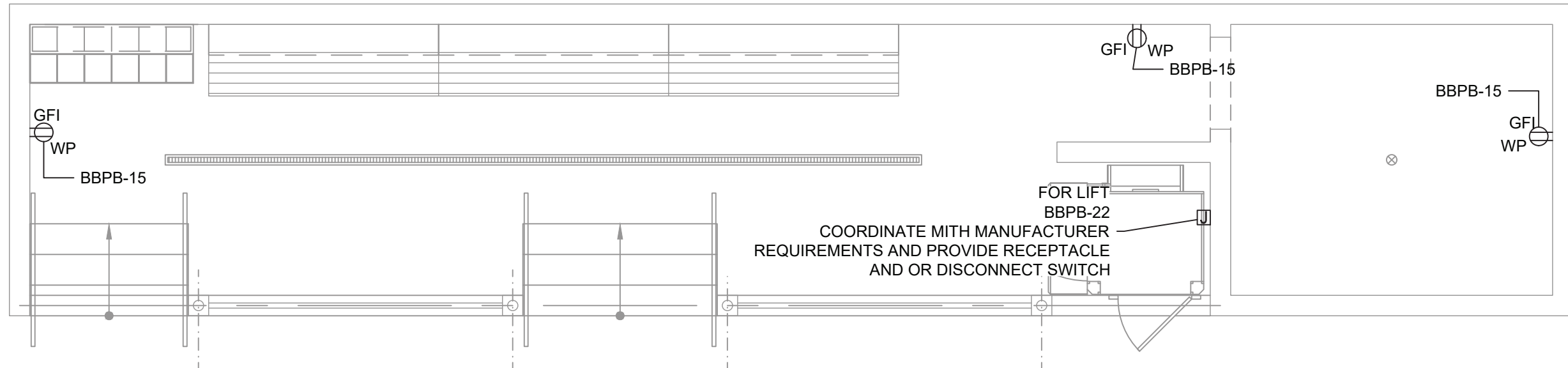
2 ELECTRICAL SOFTBALL DUGOUT INSTALL PLAN-2

SCALE: 1/4" = 1' 0"



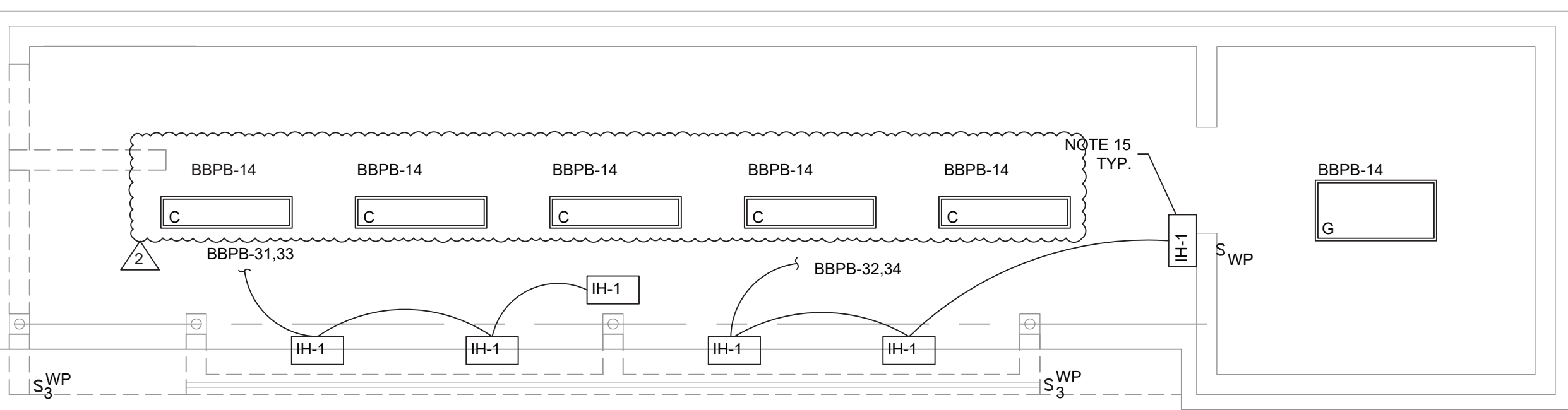
4 ELECTRICAL SOFTBALL DUGOUT CEILING PLAN-2

SCALE: 1/4" = 1' 0"



6 ELECTRICAL BASEBALL DUGOUT INSTALLATION PLAN-2

SCALE: 1/4" = 1' 0"



4 ELECTRICAL BASEBALL DUGOUT CEILING PLAN-2

SCALE: 1/4" = 1' 0"

PLAN NOTES:

1. THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH SBU, ALL OTHER TRADES AND THE FACILITY.
2. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY UNAUTHORIZED DISRUPTION AND POWER OUTAGES.
3. MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY CONSTRUCTION WORK.
4. CONTRACTOR IS TO TRACE AND PROTECT ALL FEEDER & BRANCH CIRCUITS FOR ALL AREAS OF THE SITE AND ALL OTHER ELECTRICAL EQUIPMENT DURING DEMOLITION/CONSTRUCTION. ELECTRICAL CONTRACTOR IS REQUIRED TO COORDINATE THIS REQUIREMENT WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES.
5. ROUTING OF ELECTRICAL CONDUITS IF SHOWN IN THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR IS RESPONSIBLE TO FINALIZE THE ROUTING OF ALL ELECTRICAL CONDUITS AT FIELD IN COORDINATION WITH ALL OTHER TRADES, EXISTING AND NEW BUILDING ELEMENTS, STRUCTURES, PIPES, EQUIPMENT, LANDSCAPING ETC., FOR CODE COMPLIANT INSTALLATION.
6. ALL ELECTRIC SERVICES AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS & THE NATIONAL ELECTRIC CODE (NEC).
7. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE CODE COMPLIANT GROUNDING OF THE CIRCUITS, EQUIPMENT AND CONDUITS AS PER NEC AND SPECIFICATION.
8. ALL UNDERGROUND CONDUITS SHALL BE PVC/RGC AND RUN 24" BELOW GRADE UNLESS OTHERWISE INDICATED.
9. ALL SPARE CONDUITS SHALL BE INSTALLED WITH DRAG LINES.
10. COORDINATE WITH LANDSCAPE ARCHITECT AND ARCHITECTURAL DRAWINGS FOR SURFACE RESTORATION AND RESURFACING WORK.
11. THE CONTRACTOR SHALL PROVIDE MAGNETIC WARNING TAPE FOR EACH UNDERGROUND DUCT BANK/CONDUIT.
12. THE CONTRACTOR IS REQUIRED TO USE POLYWATER AFT-AEROSOL FOAM SEALANT OR EQUIVALENT TO SEAL BOTH ENDS OF SERVICE CONDUITS TO FILL THE GAP BETWEEN CABLES AND CONDUIT IN ORDER TO PREVENT ANY WATER PENETRATION THROUGH CONDUITS TO THE ELECTRICAL EQUIPMENT INSIDE THE BUILDING. THE CONDUIT OPENINGS (GAP BETWEEN CABLES AND CONDUIT) SHALL BE SEALED DEEP ENOUGH TO CONFIRM THAT NO WATER INFILTRATION IS TAKING PLACE.
13. ROUTING OF CONDUITS SHALL BE AS PER LANDSCAPE ARCHITECTS DRAWINGS
14. ALL CONDUITS PASSING THROUGH ROADWAYS SHALL BE ENCASED IN MINIMUM 2" THICK CONCRETE
15. REFER TO MECHANICAL PLANS FOR INFRARED HEATER "IH-1" SCHEDULE. MOUNTING SHALL BE AS PER THE MANUFACTURERS INSTRUCTIONS. SWITCHES FOR THE "IH-1" INFRARED HEATERS ARE LOCATED IN THE PRESS BOXES OF THE RESPECTIVE FIELDS.

0 1/2 1
IF THIS BAR DOES NOT
MEASURE 1" THEN DRAWING IS
NOT TO FULL SCALE

No.	Date	Revisions
2	10/23/24	REV2 BIDDING ADDENDUM1
1	09/17/24	BIDDING DOCUMENTS

Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

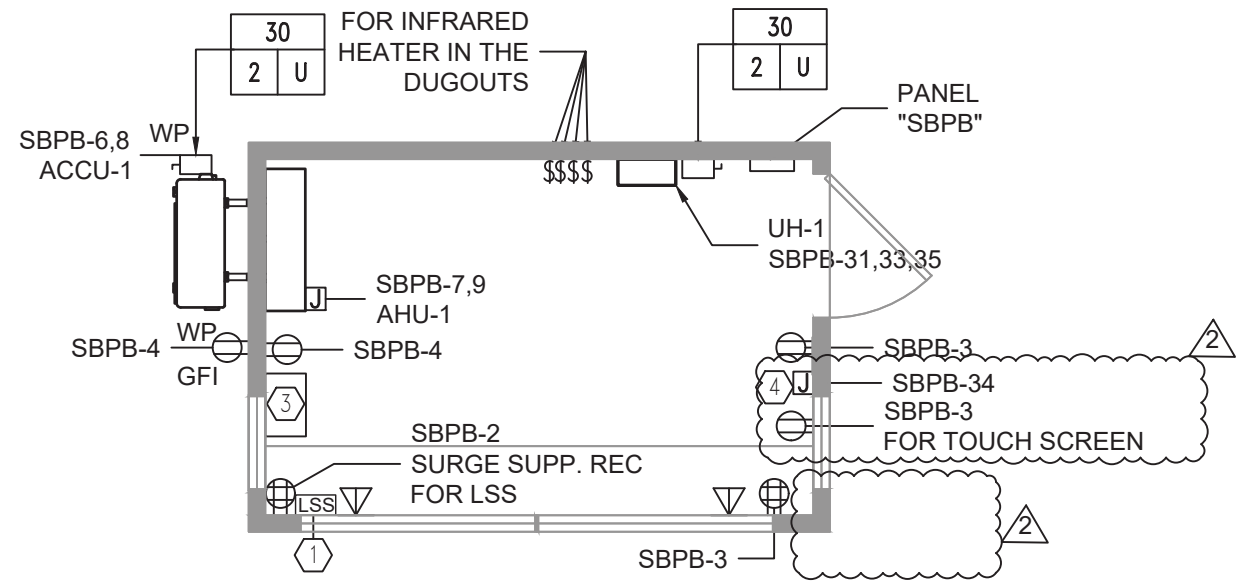
THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 100 WEST 17TH STREET SARATOGA SPRINGS, NY 12866	GREENMAN PEDERSEN, INC P/E 2 KENATYVE BOULEVARD, SUITE 202, SARATOGA, NY 12861
Landscape Architect & Civil Engineer:	Structural & P/E Engineer:

NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES	HIGH SCHOOL SED# 50-02-01-05-0-005-038 PRESS BOX - SOFTBALL: SED# 50-05-01-05-7-000-001 PRESS BOX - BASEBALL: SED# 50-05-01-05-7-001-001
140 BARNARD RD THIRTY, NY 10984	STATE OF NEW YORK COUNTY OF ROCKLAND

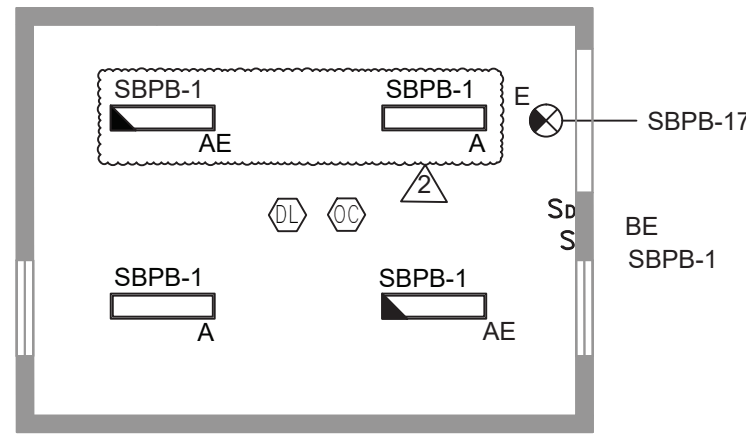
MSA MICHAEL SHILALE ARCHITECTS, LLP 140 Park Avenue New City, NY 10956 Tel 845-708-9200 www.shilale.com
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© COPYRIGHT, MICHAEL SHILALE ARCHITECTS, ALL RIGHTS RESERVED. Drawing Title ELECTRICAL DUGOUT PLANS	Drawing No. CE-104
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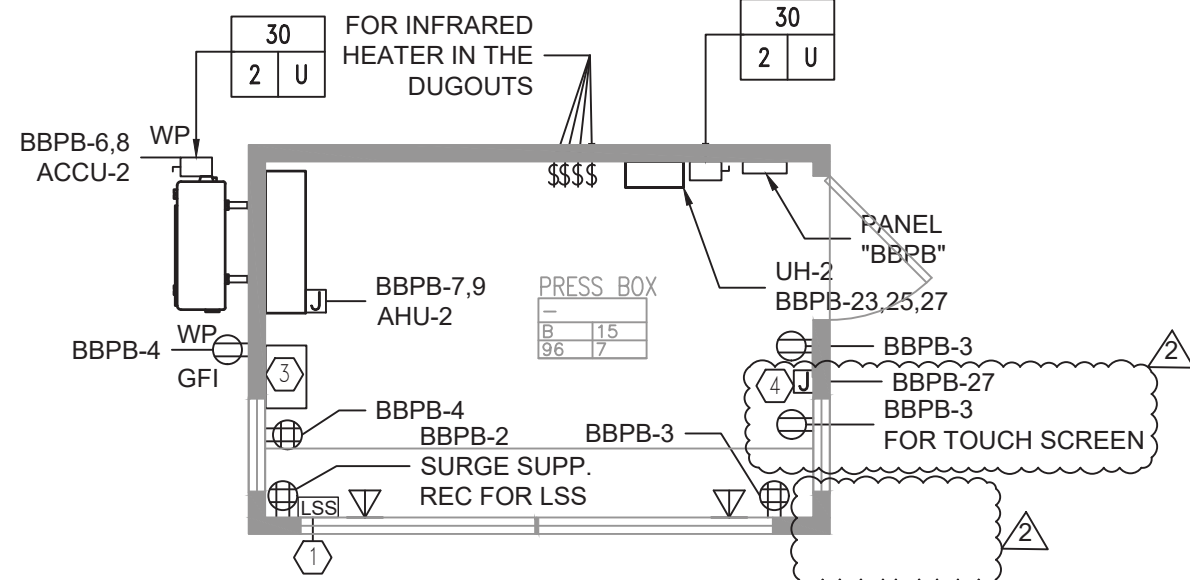
1 **SOFTBALL PRESSBOX FLOOR INSTALLATION PLAN**
SCALE: 1/4" = 1' 0"



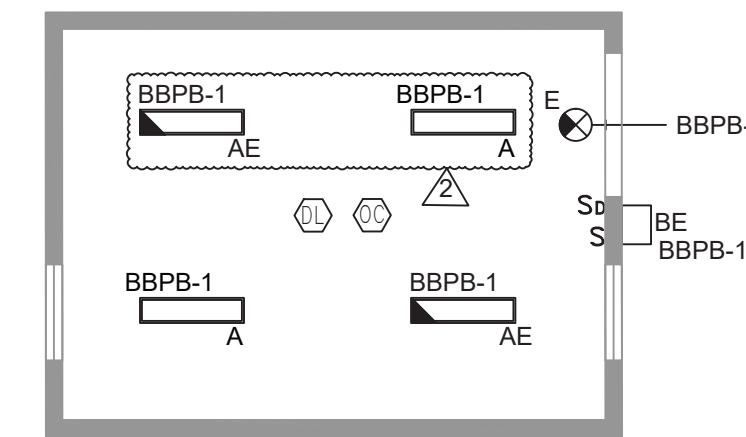
2 **SOFTBALL PRESSBOX LIGHTING INSTALLATION PLAN**
SCALE: 1/4" = 1' 0"



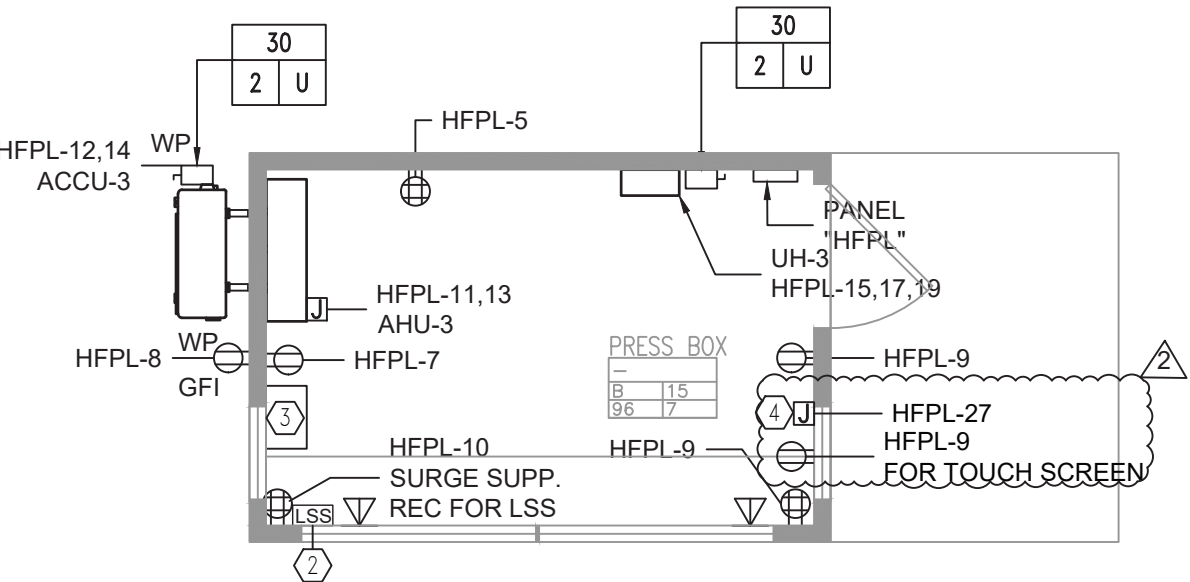
3 **BASEBALL PRESSBOX FLOOR INSTALLATION PLAN**
SCALE: 1/4" = 1' 0"



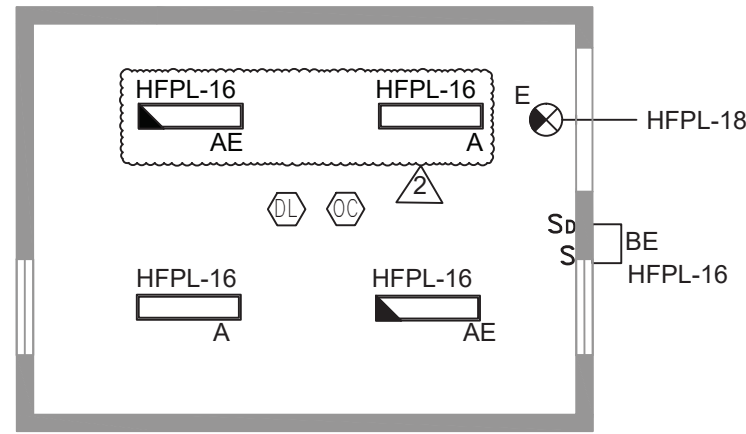
4 **BASEBALL PRESSBOX LIGHTING INSTALLATION PLAN**
SCALE: 1/4" = 1' 0"



5 **HOCKEY FIELD PRESSBOX FLOOR INSTALLATION PLAN**
SCALE: 1/4" = 1' 0"



6 **HOCKEY FIELD PRESSBOX LIGHTING INSTALLATION PLAN**
SCALE: 1/4" = 1' 0"



PLAN NOTES:

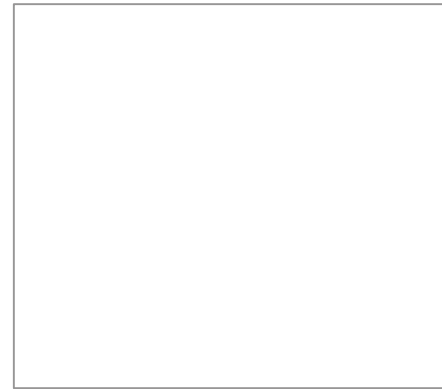
1. ALL ELECTRICAL EQUIPMENTS INSIDE THE PRESS BOXES WILL BE PREFABRICATED EXCEPT THE EQUIPMENTS RELATED TO DATA.
2. THE CONTRACTOR IS TO COORDINATE ALL SHUTDOWNS AND DISRUPTIONS TO NORMAL SERVICES WITH SBU, ALL OTHER TRADES AND THE FACILITY.
3. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY UNAUTHORIZED DISRUPTION AND POWER OUTAGES.
4. MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY CONSTRUCTION WORK.
5. CONTRACTOR IS TO TRACE AND PROTECT ALL FEEDER & BRANCH CIRCUITS FOR ALL AREAS OF THE SITE AND ALL OTHER ELECTRICAL EQUIPMENT DURING DEMOLITION/CONSTRUCTION. ELECTRICAL CONTRACTOR IS REQUIRED TO COORDINATE THIS REQUIREMENT WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES.
6. ROUTING OF ELECTRICAL CONDUITS IF SHOWN IN THE DRAWINGS ARE TENTATIVE. THE CONTRACTOR IS RESPONSIBLE TO FINALIZE THE ROUTING OF ALL ELECTRICAL CONDUITS AT FIELD IN COORDINATION WITH ALL OTHER TRADES, EXISTING AND NEW BUILDING ELEMENTS, STRUCTURES, PIPES, EQUIPMENT, LANDSCAPING ETC., FOR CODE COMPLIANT INSTALLATION.
7. ALL ELECTRIC SERVICES AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS & THE NATIONAL ELECTRIC CODE (NEC).
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12. THE CONTRACTOR SHALL PROVIDE MAGNETIC WARNING TAPE FOR EACH UNDERGROUND DUCT BANK/CONDUIT.
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14. ROUTING OF CONDUITS SHALL BE AS PER LANDSCAPE ARCHITECTS DRAWINGS
15. ALL CONDUITS PASSING THROUGH ROADWAYS SHALL BE ENCASED IN MINIMUM 2" THICK CONCRETE.

KEYED NOTES:

1. FURNISH & INSTALL A COMPLETE SOUND SYS. SERVING THE ATHLETIC FIELD BY COMMUNITY (MODEL #ALC-3202D) IN A RACK. REFER TO DETAIL DRAWINGS. RACK BY MIDDLE ATLANTIC OR EQUAL. SIZE OF RACK SHALL BE SUFFICIENT TO HOUSE EQUIPMENT. PROVIDE MIN. OF 2 WIRED MICS & 2 WIRELESS MICS. FOR SPEAKER LOCATIONS REFER TO FIELD DWGS.
2. FURNISH & INSTALL A COMPLETE SOUND SYS. SERVING THE ATHLETIC FIELD BY COMMUNITY (MODEL #ALC-1604D) IN A RACK. REFER TO DETAIL DRAWINGS. RACK BY MIDDLE ATLANTIC OR EQUAL. SIZE OF RACK SHALL BE SUFFICIENT TO HOUSE EQUIPMENT. PROVIDE MIN. OF 2 WIRED MICS & 2 WIRELESS MICS. FOR SPEAKER LOCATIONS REFER TO FIELD DWGS.
3. DATA EQUIP. BY DISTRICT IT AND NETWORK GROUP.
4. SHOW-LIGHT TOUCHSCREEN AND TOUCHSCREEN COMMUNICATIONS CABINET.



No.	Date	Revisions
2	10/23/24	REV2 BIDDING ADDENDUM1
1	09/17/24	BIDDING DOCUMENTS



Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

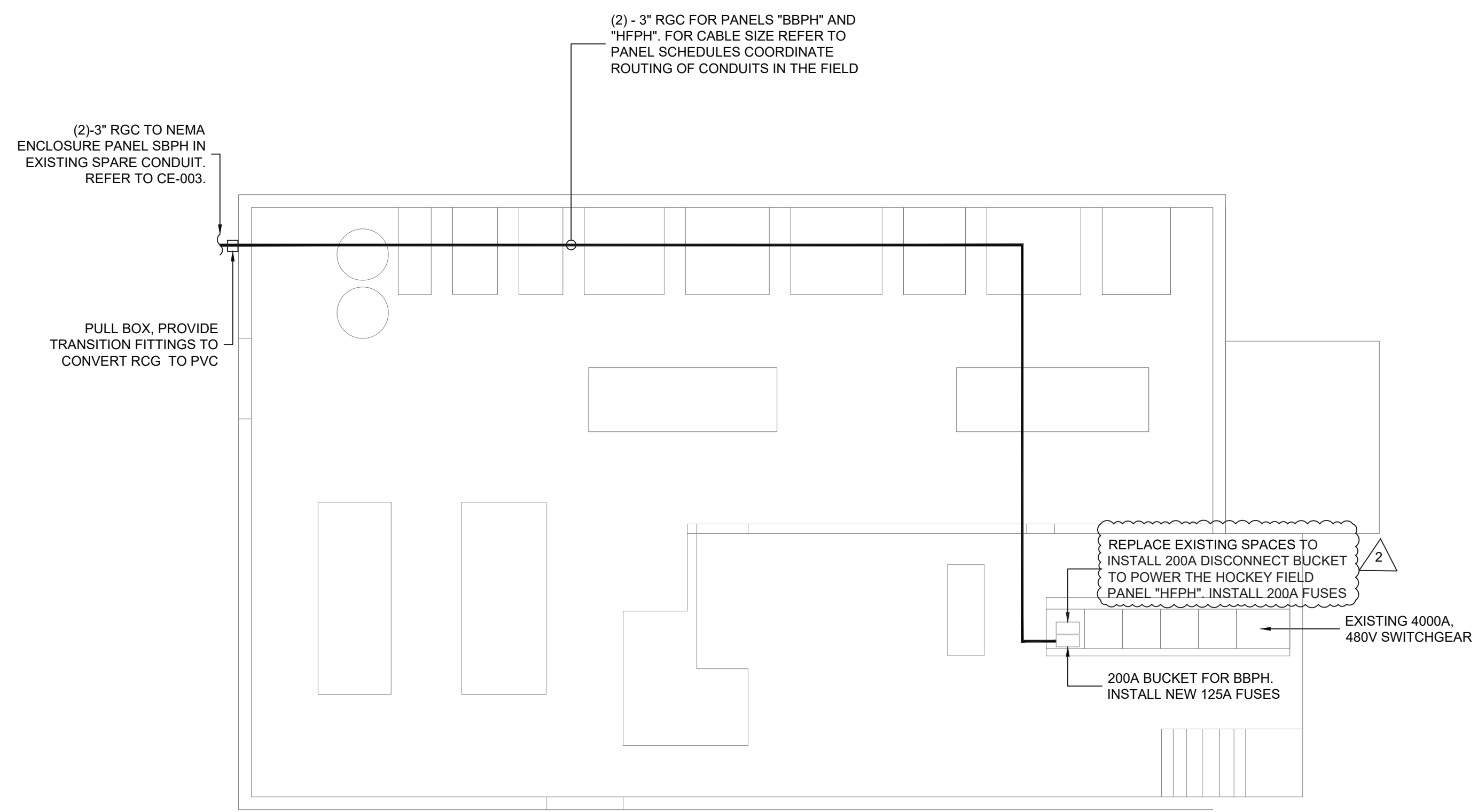
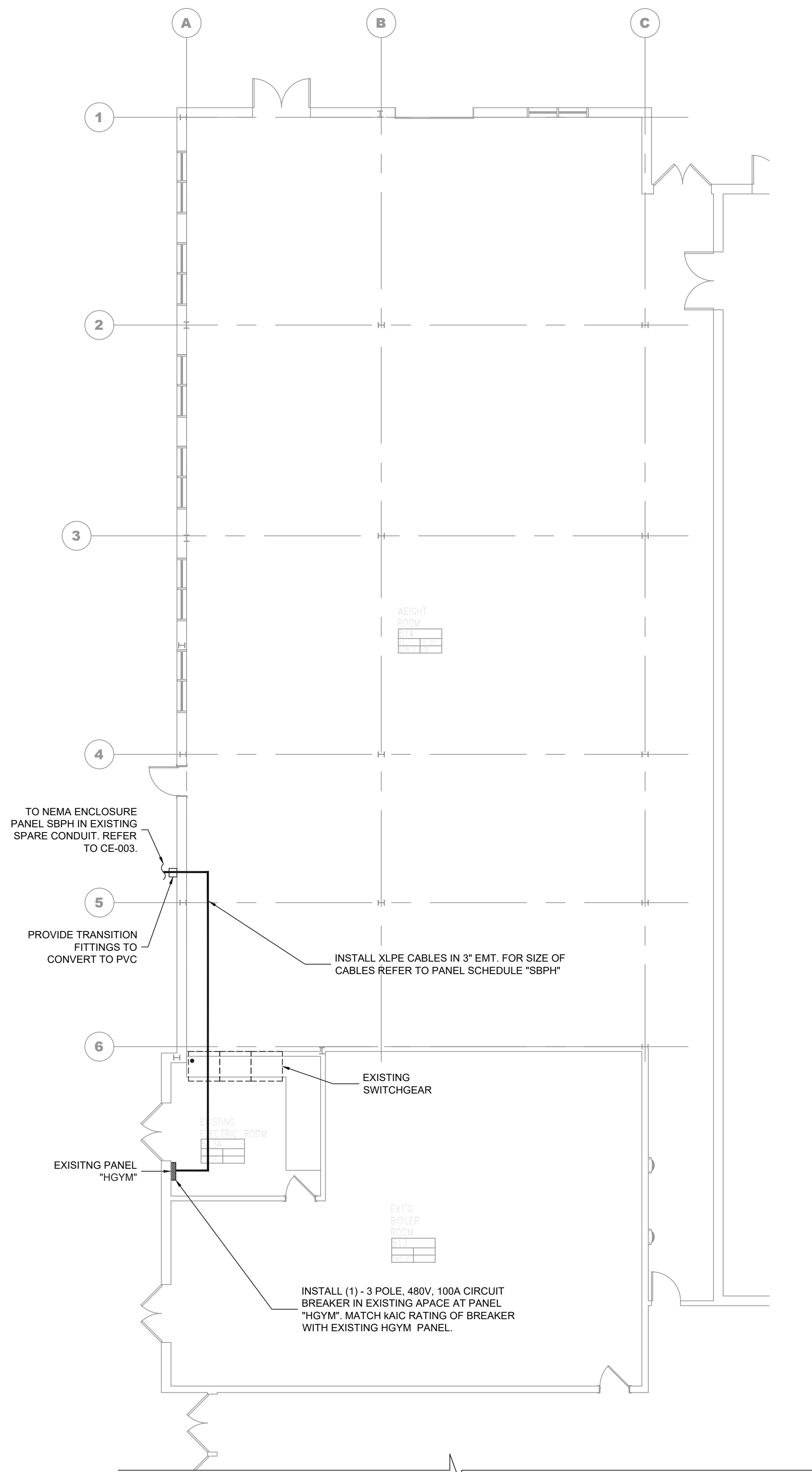
THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 1000 AVENUE OF THE STARS SUITE 200, SPRING, NY 12606	GREENMAN PEDERSEN, INC STRUCTURAL ENGINEER 2000 AVENUE OF THE STARS SUITE 200, SPRING, NY 12606
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NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES HIGH SCHOOL SED# 50-02-01-05-0-006-008 PRESS BOX - SOFTBALL: SED# 50-02-01-05-0-006-001 PRESS BOX - BASEBALL: SED# 50-02-01-05-0-006-001 140 PARK AVENUE NEW CITY, NY 10954 TEL 845-708-9200 WWW.MSA-ARCH.COM
--

MSA MICHAEL SHILALE ARCHITECTS, L.L.P. 140 Park Avenue New City, NY 10954 Tel 845-708-9200 www.shilale.com
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ELECTRICAL PRESS BOX PLANS	CE-106
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- ## PLAN NOTES:
1. REFER TO ADDITIONAL INSTALLATION NOTES ON DRAWING CE-001.
 2. ALL NEW BRANCH CIRCUIT SHALL BE RUN WITH MINIMUM OF 2#12+1#12G IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. FOR LIGHTING AND POWER BRANCH CIRCUIT, MC CABLE SHALL BE INSTALLED FOR RECESSED INSTALLATION ONLY, EITHER IN NEW WALLS OR ABOVE HUNG CEILING WHERE POSSIBLE. REFER TO PANEL SCHEDULES IN DRAWING E-201 FOR ALL OTHER FEEDER AND BRANCH CIRCUIT SIZE INFORMATION.
 3. PROVIDE LABELS ON ALL ELECTRICAL EQUIPMENT INDICATING CIRCUIT ORIGINATION.
 4. UPDATE ALL EXISTING PANEL DIRECTORIES AFFECTED BY NEW WORK.
 5. CONTRACTOR SHALL PERFORM AMP PROBE READINGS ON EXISTING SERVICE EQUIPMENT BEFORE AND AFTER WORK TO ENSURE EQUIPMENT WILL NOT BE LOADED BEYOND ITS MAX AMPACITY.
 6. CONTRACTOR SHALL MAINTAIN CONTINUITY TO ALL EXISTING CIRCUITRY TO REMAIN WHICH ARE AFFECTED BY THE SCOPE OF WORK; CONTRACTOR SHALL FURNISH ALL NECESSARY JUNCTION BOXES, CONDUIT, AND WIRES AS REQUIRED TO KEEP CONTINUITY.
 7. PROVIDE FIRESTOPPING FOR ALL PENETRATIONS TO MATCH EXISTING FIRE RATING WHERE APPLICABLE. ALL CORE DRILLS SHALL BE VERIFIED BY BUILDING REPRESENTATIVE PRIOR TO COMMENCING WORK. X-RAY ALL FLOOR SLABS PRIOR TO ROUGH-INS FOR CORE DRILL WORK.
 8. THE CONTRACTOR SHALL FIELD ROUTE FEEDER FOR NEW POWER PANELS. COORDINATE EXACT ROUTING PATH WITH OWNER. SUBMIT A PROPOSED ROUTING PATH TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO RUNNING ANY CONDUIT OR WIRE ASSOCIATED WITH THIS FEEDER.
 9. ALL GROUNDING SHALL BE PROVIDED BY THE CONTRACTOR AS PER NEC 2017.

No.	Date	Revisions
2	10/23/24	REV2: BIDDING ADDENDUM 1
1	09/17/24	BIDDING DOCUMENTS

Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

<p>THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 40 LONG ALLEY, SARATOGA SPRINGS, NY 12866</p>	<p>GREENMAN PEDERSEN, INC. 2 EXECUTIVE BOULEVARD, SUITE 202, SUFFERN, NY 10901</p>
<p>Landscape Architect & Civil Engineer:</p>	<p>Structural & PME Engineer:</p>

**NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 &
HVAC UPGRADES**

HIGH SCHOOL: SED# 50-02-01-06-0-008-008
PRESS BOX - SOUTHWALL: SED# 50-02-01-06-7-000-001
PRESS BOX - BASEMENT: SED# 50-02-01-06-7-001-001

100 Hammond Rd.
Thiells, NY 10984

TOWN OF ELLENBURG
COUNTY OF ROCKLAND

HSA

MICHAEL SHILALE ARCHITECTS, L.L.P.

140 Park Avenue New City, NY 10956 Tel 914-708-9200
www.hsaa.com

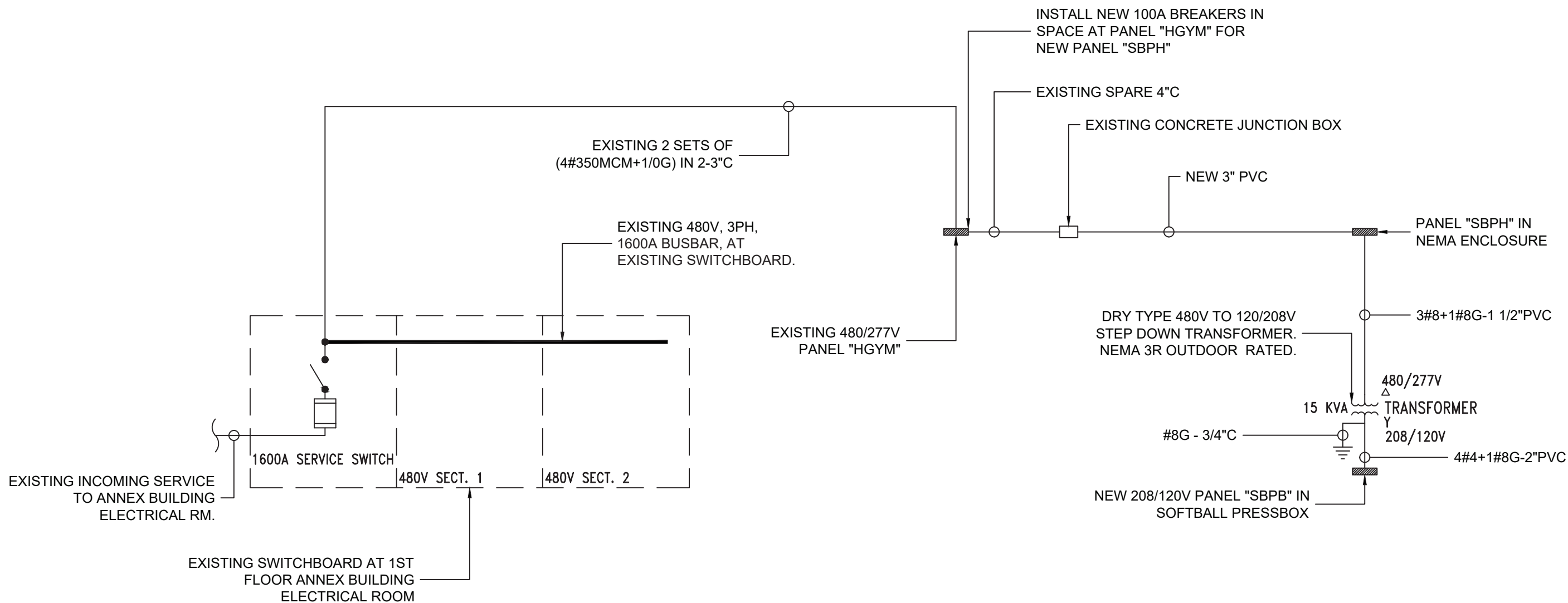
Drawing Title
**ELECTRICAL MAIN &
 ANNEX BUILDING
 INSTALLATION PART
 PLANS**

NOTES:

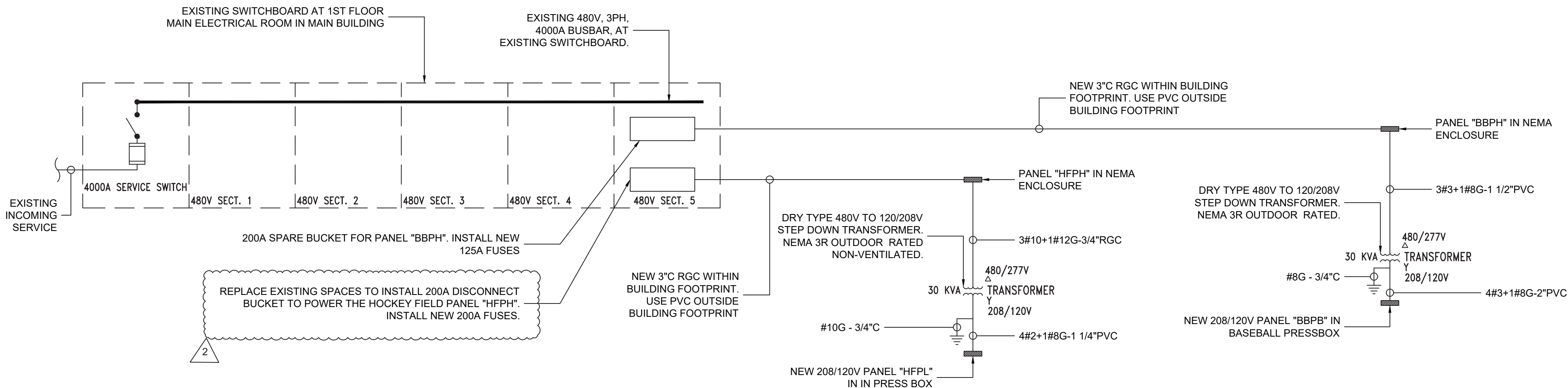
- ALL CIRCUITS AND FUSE CUTOUTS ARE THREE (3) POLE U.O.I.
- FUSE RATING IN AMPS ARE DENOTED BY THE LETTERS "AF" SWITCH FRAME RATING IN AMPS ARE DENOTED BY THE LETTERS "AS" AND FRAME RATING IN AMPS ARE DENOTED BY THE LETTERS "AF" CIRCUIT BREAKER TRIP RATING IN AMPS ARE DENOTED BY THE LETTERS "AT".
- FOR FEEDER SIZE TO PANELS AND DISTRIBUTION BOARDS REFER TO CE-403 AND CE-404 SERIES DWGS.
- ALL LIVE PARTS MIN 12" OFF FINISHED FLOOR.
- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONDUIT ROUTING WITH OTHER TRADES, ONCE COORDINATION IS COMPLETED; CONTRACTOR SHALL SUBMIT SHOP DRAWING OF ALL CONDUIT ROUTING FOR ALL SWITCHGEAR, DISTRIBUTION BOARD, PANEL ETC. PRIOR TO ANY INSTALLATION TO EOR FOR REVIEW AND APPROVAL.
- ELECTRICAL CONTRACTOR MUST COORDINATE WITH O&R THE AVAILABLE SHORT CIRCUIT CURRENT, PRIOR TO SUBMITTING TO EOR FOR APPROVAL.
- ELECTRICAL CONTRACTOR TO PROVIDE WARNING SIGN (AS PER NEC 700.7(B)) "WARNING SHOCK HAZARD EXIST IF GROUNDING ELECTRODE CONDUCTOR OR BONDING JUMPER CONNECTION IN THIS EQUIPMENT IS REMOVED WHILE ALTERNATE SOURCE(S) IS ENERGIZED".
- ALL PANEL BOARD SHALL BE PROVIDED WITH 25% SPARE CIRCUIT BREAKERS.

ABBREVIATIONS	
MDB	MAIN DISTRIBUTION BOARD
SWBD	SWITCHBOARD
SSW	SERVICE SWITCH
SEC	SECTION
CT	CURRENT TRANSFORMER
HDB	HVAC DISTRIBUTION BOARD
AS	AMPERE SWITCH
AF	AMPERE FUSE
SW	SWITCH
FOR ALL OTHER ABBREVIATIONS REFER DWG CE001	

0 1/2 1
IF THIS BAR DOES NOT
MEASURE 1" THEN DRAWING IS
NOT TO FULL SCALE



1 ELECTRICAL PARTIAL POWER RISER FOR SERVICES FROM ANNEX BUILDING
SCALE: NTS



2 ELECTRICAL PARTIAL POWER RISER FOR SERVICES FROM MAIN BUILDING
SCALE: NTS

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Drawing Title
ELECTRICAL PARTIAL
ONE LINE DIAGRAMS

Drawing No.

CE-402

THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 100 WEST 10TH STREET SARASOTA, FLORIDA, FL 34236	Drawn by AWF
GREENMAN PEDERSEN, INC P.O. BOX 1000 SUITE 200, SUITE 200, SUITE 200 SARASOTA, FLORIDA, FL 34236	Checked by SH
	Project No. 43045
	Scale AS NOTED
	Date 10/23/24

NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES HIGH SCHOOL: SD# 50-02-01-05-0-006-008 PRESS BOX - SOFTBALL: SD# 50-02-01-05-0-006-001 PRESS BOX - BASEBALL: SD# 50-02-01-05-0-006-001 140 PARK AVENUE NEW CITY, NY 10956 TEL 845-708-9200 WWW.SHILALE.COM	DATE OF PREPARATION 10/23/24 DRAWN BY AWF
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MSA
MICHAEL SHILALE ARCHITECTS, LLP
140 Park Avenue New City, NY 10956 Tel 845-708-9200
www.shilale.com

No.	Date	Revisions
2	10/23/24	REV2 BIDDING ADDENDUM1
1	09/17/24	BIDDING DOCUMENTS

PANEL SCHEDULE												
PANEL NAME:	SBPH	LOCATION:	SOFT BALL NEMA ENCLOSURE				MOUNTING:	SURFACE				
VOLTAGE/PHASE:	277/480V, 3 Phase, 4W & G	PANEL (AMP)	100A				FREQUENCY:	60 Hz				
PANEL SHORT CIRCUIT RATING(KA):	22 KA	FEEDER SIZE	4#2/0+1#4G IN 3" PVC SCH 80				FEEDING SOURCE:	HGYM				
MAIN BREAKER TYPE	MCCB	MAIN BREAKER RATING (A):	100A				BRANCH C.B TYPE	MCB				
Load Designation	Wiring	Phase Load in VA						Wiring	Load Designation			
POLEA3	3#8+1#10G - 1 1/2" C PVC SCH 40	30	C/B (A)	CT NO	A Ø	B Ø	C Ø	CT NO	30	3#8+1#10G - 1 1/2" C PVC SCH 40	POLE A4	
			1	2153				2				
			3	2153	2153			4				
			5				2153	6				
							2153					
POLEB3	3#8+1#10G - 1 1/2" C PVC SCH 40	30	7	2660				8	30	3#8+1#10G - 1 1/2" C PVC SCH 40	POLE B4	
			9	2660	2660			10				
			11				2660	12				
							2660					
CONTROL VTG TRANSFORMER	2#12+1#12G - 3/4" RGC	20	13	500				14	20		SPARE	
SPARE		20	15					16	20	2#10+1#12G - 1" PVC	PARKING LOT LIGHTS	
FLAG POLE LIGHTING	2#10+1#12G - 1" C PVC SCH 40	20	17				400	18	30	3#8+1#10 - 1" C	INFRARED HEATERS @ DUGOUT	
PANEL SBPB- PRESS BOX SOFTBALL FIELD TRANSFORMER	3#8+1#10G - 1 1/2" C	25	19	4000			4500	20				
			21	4500	4000			22				
			23		4500		4000	24				
INFRARED HEATER @ DUGOUT	3#8+1#10 - 1" C	30	25	4500				4500	26	20	2#12+1#12G - 3/4" RGC	FIELD SCONE LIGHTS
			27		4500			28				
			29			3000		30				
INFRARED HEATER @ DUGOUT	3#8+1#10 - 1" C	20	31	3000					32	20		SPARE
SPARE		20	33						34	20		SPARE
SPARE		20	35						36	20		SPARE
SPARE		20	37						38	20		SPARE
SPARE		20	39						40	20		SPARE
SPARE		20	41						42	20		SPARE
CONNECTED LOAD PER PHASE IN VA				26126	22626	26026		PANEL TYPE: NEMA 1 MOUNTING: SURFACE				
TOTAL CONNECTED LOAD IN KVA				74.778				COPPER BUS, EQUIP. GROUND BAR, & CLASS B SURGE PROTECTOR				
TOTAL DEMAND LOAD IN AMPS				89.95				DOOR: INDOOR TYPE				

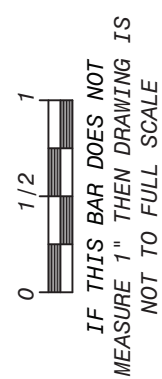
PANEL SCHEDULE											
PANEL NAME:	BBPH	LOCATION:	BASEBALL NEMA ENCLOSURE				MOUNTING:	SURFACE			
VOLTAGE/PHASE:	277/480V, 3 Phase, 4W & G	PANEL (AMP)	200A				FREQUENCY:	60 Hz			
PANEL SHORT CIRCUIT RATING(KA):	22 KA	FEEDER SIZE	4#4/0+1#2G IN 3" PVC SCH 80				FEEDING SOURCE:	200A DISCONNECT IN MAIN ELECTRICAL ROOM			
MAIN BREAKER TYPE	MCCB	MAIN BREAKER RATING (A):	150A				BRANCH C.B TYPE	MCB			
Load Designation	Wiring	C/B (A)	CT NO	Phase Load in VA			CT NO	C/B (A)	Wiring	Load Designation	
				A Ø	B Ø	C Ø					
POLEA1	3#8+1#10G - 1 1/2" C PVC SCH 40	20	1	2660			2	20	3#8+1#10G - 1 1/2" C PVC SCH 40	POLE A2	
			3		2660		4				
			5			2660	6				
POLEB1	3#8+1#10G - 1 1/2" C PVC SCH 40	30	7	4552			8	30	3#8+1#10G - 1 1/2" C PVC SCH 40	POLE B2	
			9		4552		10				
			11			4552	12				
CONTROL VTG TRANSFORMER	2#12+1#12G - 3/4" RGC	20	13	500			14	20		SPARE	
SPARE		20	15		3000		16				
SPARE		20	17			3000	18	20	3#8+1#10 - 1" C	INFRARED HEATERS @ DUGOUT	
PANEL BBPB- PRESS BOX BASEBALL FIELD TRANSFORMER	3#3+1#8G - 1 1/2" C	100	19	6135			20	30	3#8+1#10 - 1" C	INFRARED HEATER @ DUGOUT	
			21	4500		4975	22				
			23		4500		24				
						5420					
POLEC1	3#8+1#10G - 1 1/2" C PVC SCH 40	20	25	3831			26	20	3#8+1#10G - 1 1/2" C PVC SCH 40	POLE C2	
			27		3831		28				
			29			3831	30				
INFRARED HEATER @ DUGOUT	3#10+1#10 - 1" C	30	31	4500			32	30	3#10+1#10 - 1" C	INFRARED HEATER @ DUGOUT	
			33	4500		4500	34				
SITE LIGHTING		20	35				36	20	2#12+1#12G - 3/4" RGC	FIELD SCONE LIGHTS	
FIELD SCONE LIGHTS	2#12+1#12G - 3/4" RGC	20	37				38	20	2#12+1#12G - 3/4" RGC	FIELD SCONE LIGHTS	
SPARE		20	39				40	20		SPARE	
SPARE		20	41				42	20		SPARE	
CONNECTED LOAD PER PHASE IN VA				42221	43561	30830	PANEL TYPE: NEMA 1 MOUNTING: SURFACE				
TOTAL CONNECTED LOAD IN KVA				116.612			COPPER BUS, EQUIP. GROUND BAR, & CLASS B SURGE PROTECTOR				
TOTAL DEMAND LOAD IN AMPS				140.27			DOOR: INDOOR TYPE				

PANEL SCHEDULE											
PANEL NAME:	SBPB	LOCATION:	SOFT BALL PRESSBOX				MOUNTING:	SURFACE			
VOLTAGE/PHASE:	120/208V, 3 Phase, 4W & G	PANEL (AMP)	100 A				FREQUENCY:	60 Hz			
PANEL SHORT CIRCUIT RATING(KA):	22 KA	FEEDER SIZE	4#4+1#8G - 2"PVC				FEEDING SOURCE:	15kVA TRANSFORMER			
MAIN BREAKER TYPE	MCCB	MAIN BREAKER RATING (A):	50 A				BRANCH C.B TYPE	MCB			
Load Designation	Wiring	Phase Load in VA						Wiring	Load Designation		
		C/B (A)	CT NO	A Ø	B Ø	C Ø	CT NO			C/B (A)	
SOFT BALL PRESS BOX LTG	2#12+1#12G - 3/4"C	20	1	200			2	20	2#12+1#12G - 3/4"C	SOFT BALL LSS	
RECEPTACLES @ PRESS BOX	2#12+1#12G - 3/4"C	20	3	500	760		4	20	2#12+1#12G - 3/4"C	RECEPTACLES @ PRESS BOX	
QUAD @ PRESS BOX FOR DATA	2#12+1#12G - 3/4"C	20	5		720		6	20	2#12+1#12G - 3/4"C	ACCU-1	
AHU-1	2#12+1#12G - 3/4"C	20	7	208			8	20	2#12+1#12G - 3/4"C		
			9	1320	208		10				
GRAND STAND RECEPTACLES	2#12+1#12G - 3/4"C	20	11		540		12	20	2#10+1#12G-2" PVC	SOFTBALL DUGOUT LIGHTING	
SOFTBALL DUGOUT RECEPTACLES	2#12+1#12G - 2"PVC	20	13	540		200	14	20	2#10+1#12G-2" PVC	SOFTBALL DUGOUT LIGHTING	
SOFTBALL DUGOUT RECEPTACLES	2#12+1#12G - 2"PVC	20	15		720		16			INVERTER FOR MUSO EGRESS LTG	
EXIT LIGHT	2#12+1#12G - 3/4"C	20	17		360		18	20	2#10+1#12G-1" PVC		
GRAND STAND LIGHTING	2#12+1#12G - 3/4"C	20	19	600		360	20				
SOFT BALL SCORE BOARD CKT 1	2#10+1#12G-2" PVC	20	21		500		22	20	2#10+1#12G-2" PVC	BASE BALL SCORE BOARD CKT 1	
SOFT BALL SCORE BOARD 1 CKT 2	2#10+1#12G-2" PVC	20	23		500		24	20	2#10+1#12G-2" PVC	BASE BALL SCORE BOARD CKT 2	
SOFTBALL DUGOUT LIFT	2#10+1#12G-1" PVC	20	25	250			26	30	2#10+1#12G-2" PVC	GATE @ PARKING LOT	
SPARE		20	27				28	20		SPARE	
SCORE BOARD RECEPTACLE	2#10+1#12G-2" PVC	20	29			180	30	20	2#10+1#12G-2" PVC	SOFTBALL DUGOUT LIFT	
UH-1	2#12+1#12G - 3/4" C	20	31	1667		608	32	20	2#12+1#12G - 3/4"C	GRAND STAND UPLIGHTS	
			33		1667		34	20	2#12+1#12G - PVC	MUSCO COMMUNICATION CABINET	
			35		500		36	20		SPARE	
			37				38	20		SPARE	
SPARE		20	39				40	20		SPARE	
SPARE		20	41				42	20		SPARE	
CONNECTED LOAD PER PHASE IN VA				6453	6475	5642	PANEL TYPE: NEMA 1 MOUNTING: SURFACE				
TOTAL CONNECTED LOAD IN KVA				18.57			COPPER BUS, EQUIP. GROUND BAR, & CLASS B SURGE PROTECTOR				
TOTAL LOAD IN AMPS				51.55			DOOR: INDOOR TYPE				

PARKING LOT LIGHTING FIXTURE SCHEDULE							
TYPE	WATT	VOLT	TYPE COMMENTS	MOUNTING	LAMPS	MANUFACTURER CATALOG NUMBER	REMARKS
P	108W	277 V	MOUNTED BACK TO BACK ON 18" POLE	POLE	LED	LDS-SAL-110-DB-T5-1-40 BACK TO BACK	DOUBLE HEAD ON 20" POLE. TYPE 5, FURNISH & INSTALL. POLE SIMILAR TO EXIST. PARKING LOT LIGHT INSTALLED ON SITE
S	108W	277 V	SITE LIGHTING MOUNTED ON 25" POLE	POLE	LED	CIRLY-32-4-70-T2-(120-277)-TP-BLK-LNSHLD	TYPE 2 DISTRIBUTION. VERIFY LENS SHIELDING WITH PHOTOMETRICS
B	108W	277 V	BOLLARD LIGHTING	BOLLARD	LED	SELUX	

PANEL SCHEDULE											
PANEL NAME:	HFPL	LOCATION:		HOCKEY FIELD PRESS BOX			MOUNTING:		SURFACE		
VOLTAGE/PHASE:	120/208V, 3 Phase, 4W & G	PANEL (AMP)		100 A			FREQUENCY:		60 Hz		
PANEL SHORT CIRCUIT RATING(KA):	22 KA	FEEDER SIZE		4#2+1#8G-1 1/4"PVC			FEEDING SOURCE:		TRANSFORMER IN NEMA ENCLOSURE		
MAIN BREAKER TYPE	MCCB	MAIN BREAKER RATING (A):		60 A			BRANCH C.B TYPE		MCB		
Load Designation	Wiring	Phase Load in VA						Wiring	Load Designation		
		C/B (A)	CT NO	A Ø	B Ø	C Ø	CT NO			C/B (A)	
HOCKEY FIELD CKT1	2#10+1#12G-2"PVC	15	1	500				2	15	2#10+1#12G- PVC	SCOREBD OUTLET
HOCKEY FIELD CKT 2	2#10+1#12G-2"PVC	15	3	180	200			4	15	2#12+1#12G- PVC	SHOT CLOCK AND OUTLET
OUTLET	2#12+1#12G- 1" PVC	15	5		720	180		6	15	2#12+1#12G- PVC	MUSCO CONTROL CABINET
RECEPTACLES @ PRESS BOX	2#12+1#12G- 3/4" C	20	7	240				8	20	2#12+1#12G- 3/4" C	RECEPTACLES @ PRESS BOX
RECEPTACLES @ PRESS BOX	2#12+1#12G- 3/4" C	20	9	180	720			10	20	2#12+1#12G- 3/4" C	RECEPTACLES @ PRESS BOX
AHU-3	2#12+1#12G- 3/4" C	20	11			208			20	2#12+1#12G- 3/4" C	ACCU-3
			13	208		1320	12				
UH-3	2#12+1#12G- 3/4" C	20	15		1667			16	20	2#12+1#12G- 3/4" C	HOCKEY FIELD PRESS BOX LGT
			17			1667		18	20	2#12+1#12G- 3/4" C	HOCKEY FIELD PRESS BOX LGT
			19	1667				20	20	2#12+1#12G- 3/4" C	RECEPTACLES @ TEAM AREA
			21	540	180			22	15	2#12+1#12G- 3/4" PVC	SHOT CLOCK AND OUTLET
RECEPTACLE @ TEMPORARY TOILET TRAILER	2#3+1#6G- 2" C	20	23		720			24	20	2#10+1#10G- 3/4" C	LIGHT POLE RECEPTACLE
FUTURE GATE @ EAST LAKE DR.	2#1+1#6- 2" C	20	25			2000		26	20	2#10+1#10G- 3/4" C	LIGHT POLE RECEPTACLE
GATE @ PARKING LOT	2#10+1#12G-2"PVC	30	27	360				28	20	2#10+1#10G- 3/4" C	LIGHT POLE RECEPTACLE
MUSCO COMMUNICATION CABINET	2#12+1#12G-PVC	20	29		500			30	20		
SPARE		20	29					30	20		SPARE
CONNECTED LOAD PER PHASE IN VA				5195	5067	6165	PANEL TYPE: NEMA 1				
TOTAL CONNECTED LOAD IN KVA				16.427			MOUNTING: SURFACE				
TOTAL LOAD IN AMPS				45.60			COPPER BUS, EQUIP. GROUND BAR, & CLASS B SURGE PROTECTOR DOOR: INDOOR TYPE				

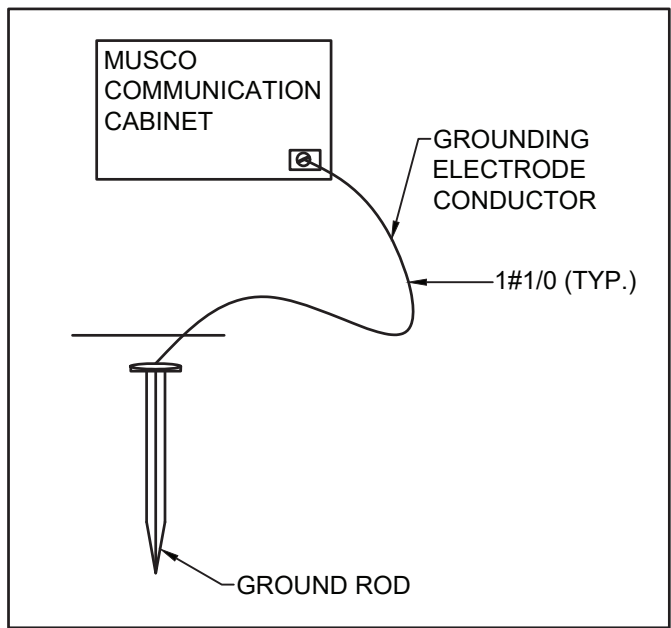
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Drawing No. **CE-404**

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Drawing No.

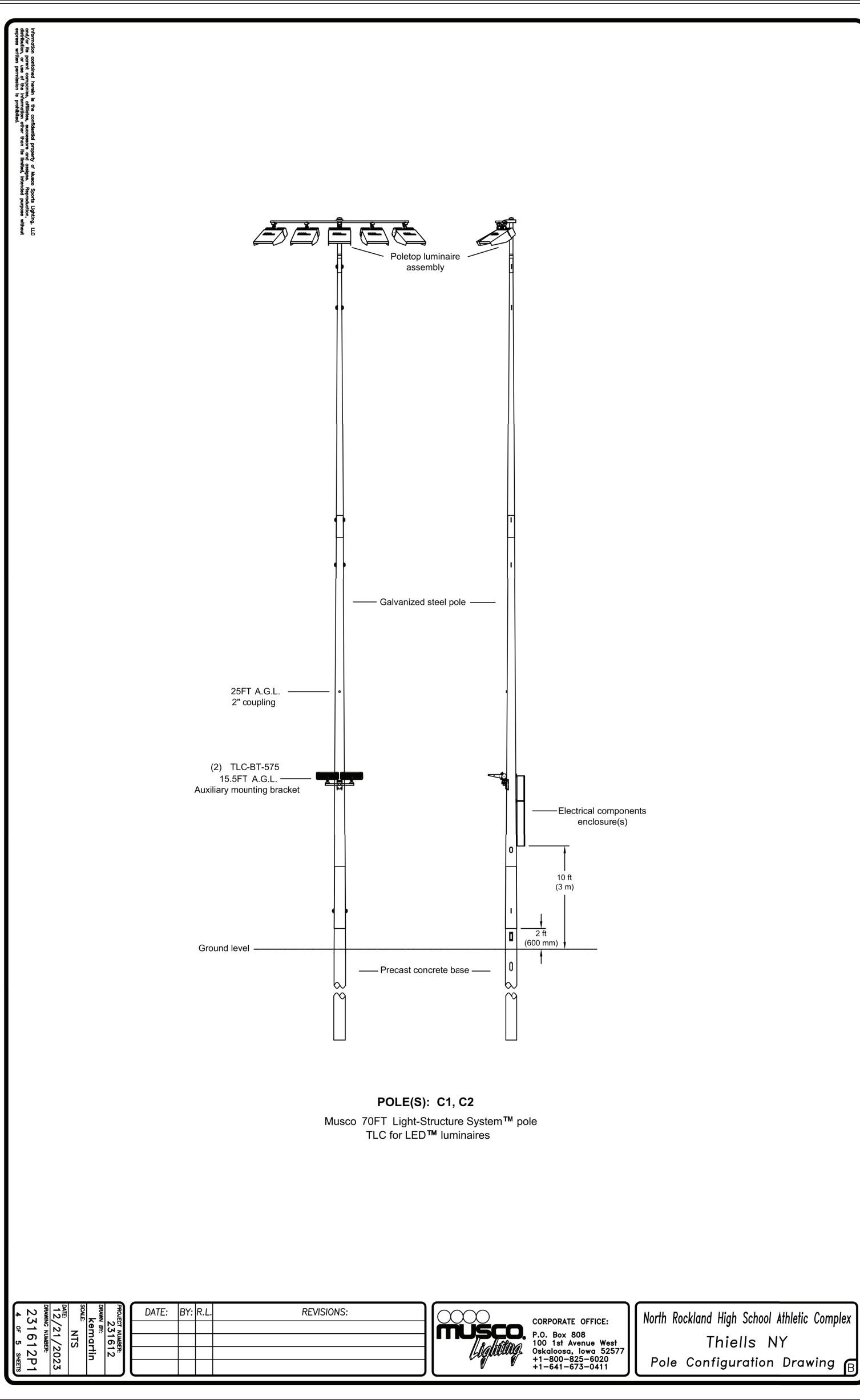
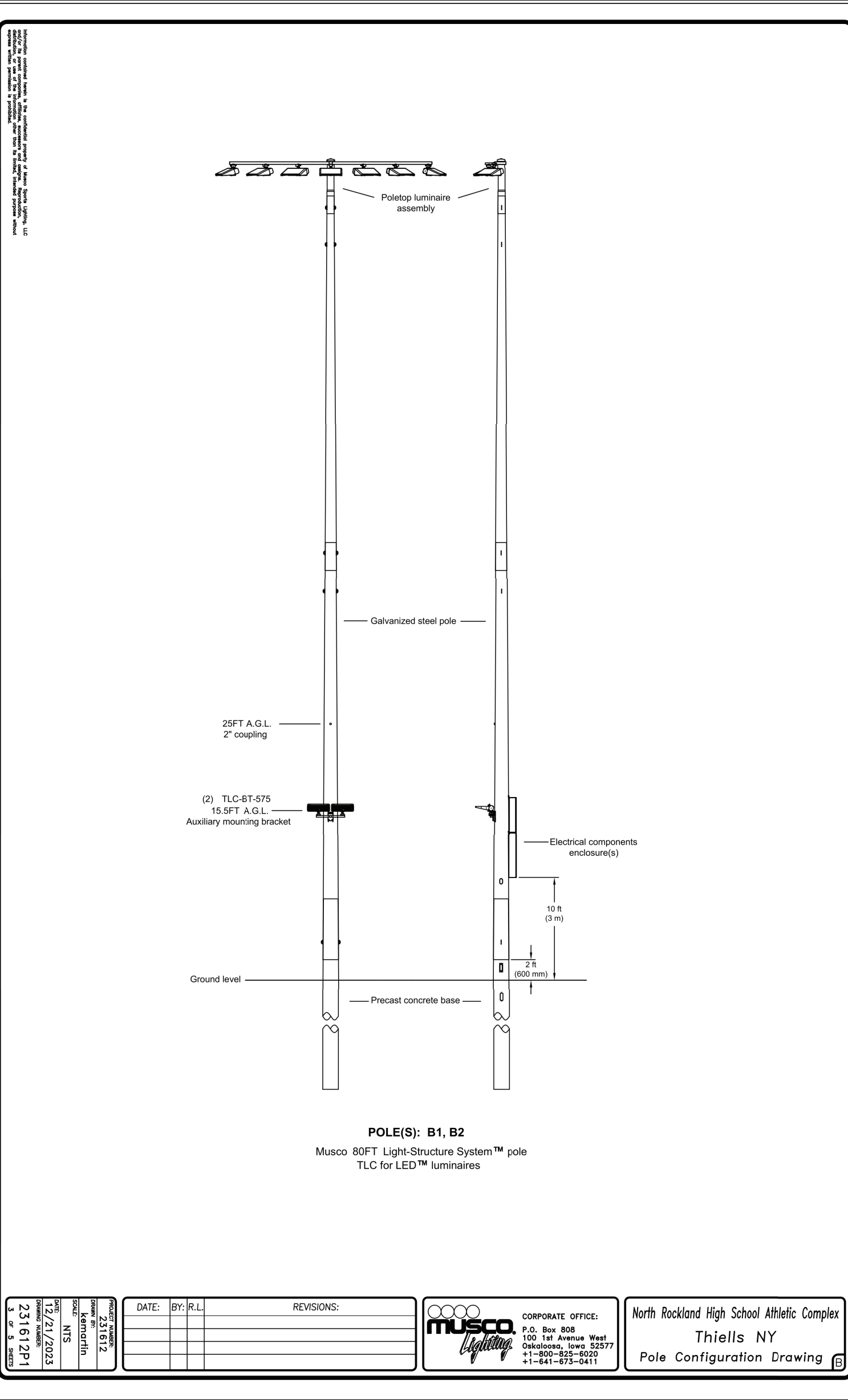
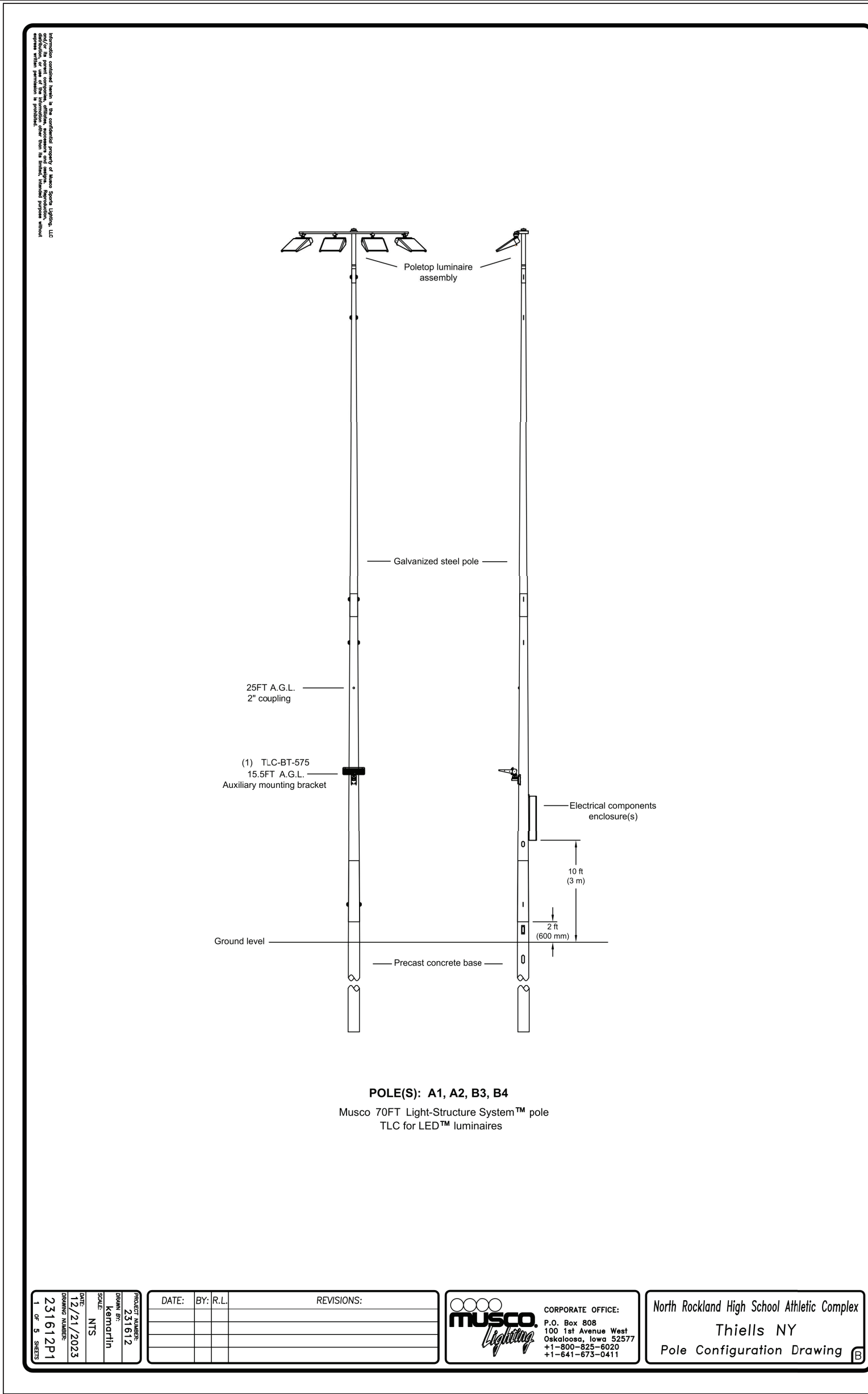


2 GROUNDING ELECTRODE SYSTEM

SCALE:N.T.S.

1 DETAILS FOR BASEBALL FIELD LIGHT POLES

SCALE:N.T.S.



0 1/2 1
IF THIS BAR DOES NOT
MEASURE 1" THEN DRAWING IS
NOT TO FULL SCALE

No.	Date	Revisions
2	10/23/24	REV2 BIDDING ADDENDUM1
1	09/17/24	BIDDING DOCUMENTS

Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 100 PARK AVENUE SUITE 200 SAUGATUCK, NY 12846	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUITE 200 SUDBURY, NY 10901
--	--

NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES	HIGH SCHOOL SD# 50-02-01-00-0-00-008 PRESS BOX - SOFTBALL SD# 50-00-01-00-7-00-001 PRESS BOX - BASEBALL SD# 50-00-01-00-7-00-001-001
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140 PARK AVENUE
THIELLS, NY 10964



MICHAEL SHILALE ARCHITECTS, L.L.P.
140 Park Avenue New City, NY 10956 Tel 845-708-9200
www.shilale.com

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Drawing Title
ELECTRICAL DETAILS
SHEET #1

Drawing No.

CE-501

Project Information

Control System

Control System ID: 3 of 3
Control System Type: Control-Link * Control and Monitoring
System with Show-Light * Special Effects
Communication Type: PowerLine-ST

Power Requirements

Control cabinet(s):

Control voltage (phase to neutral) 120/60
VA loading - Inrush 2643.0
VA loading - Sealed 250.0

Lighting Circuits:

Voltage/Hertz/Phase 480/60/3

Communication cabinet(s):

Cabinet voltage (phase to neutral) 120/60

Touchscreen(s):

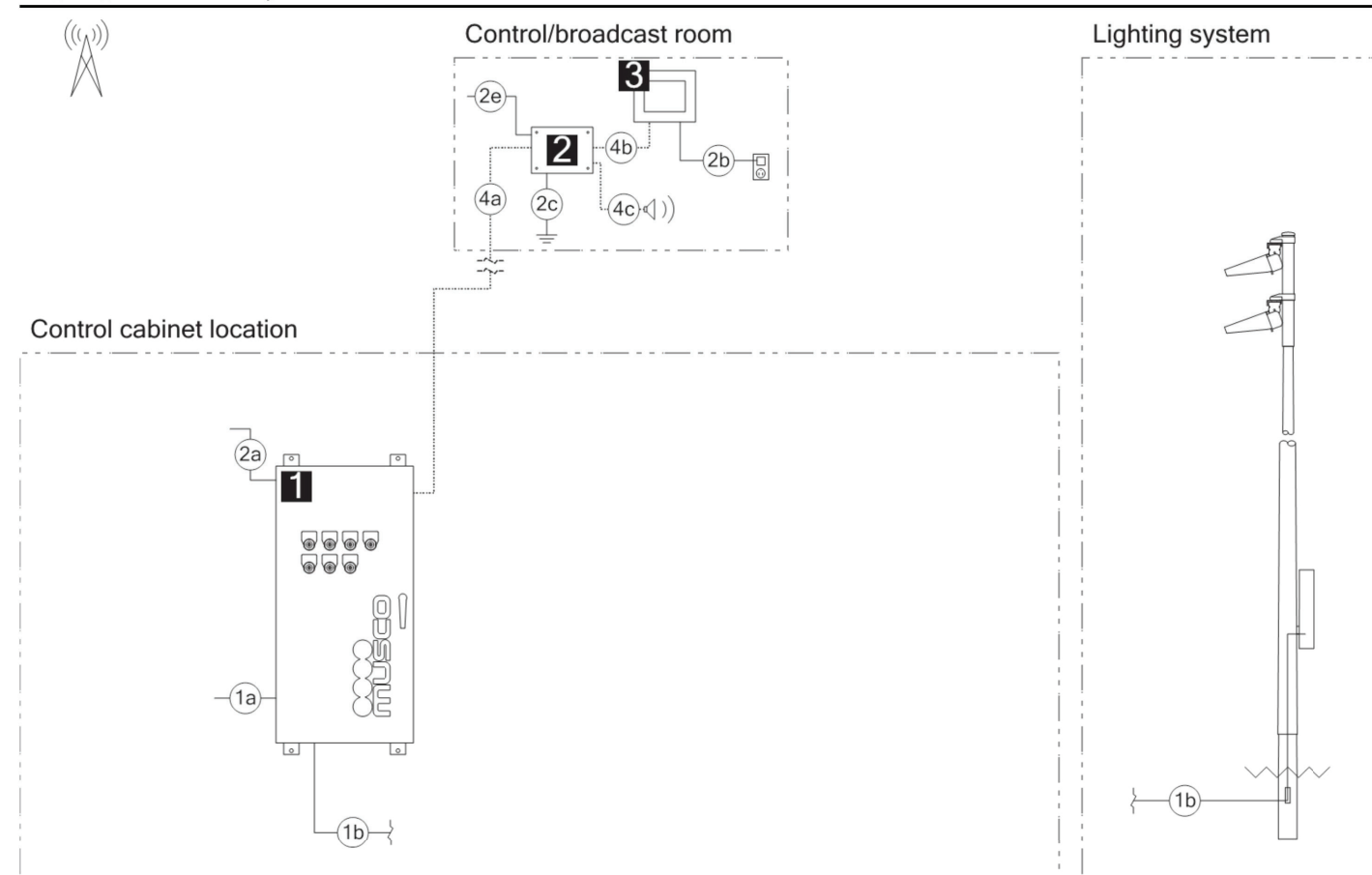
Touchscreen power (receptacle) 120/60

Project Notes:

Equipment Listing

Description	Qty	Size (in)
Control and monitoring cabinet - primary	1	24 X 48
Communication cabinet	1	-
Touchscreen	1	-
Contactors, 30 amperes	6	-
Off/On/Auto switches	4	-

Equipment Layout and Connection Details



Connection Details

ID	Description
1a	Line power to contactors, and equipment grounding conductor. Requires one circuit per contactor, size wiring per load and voltage drop.
1b	Load power from contactors, and equipment grounding conductor. Requires one circuit per contactor, size wiring per load and voltage drop.
2a	Control power with equipment ground to control cabinet. Requires dedicated 20 A circuit. Provide transformer if control voltage not present.
2b	Power cord for touchscreen. Requires standard receptacle.
2c	Earth ground connection at communication cabinet location. Requires installation of ground electrode if existing earth ground not present.
2e	Control power with equipment ground.
4a	Communication cable - Communication cabinet to primary control cabinet. Requires Cat5e cable (Belden 7937A or equal), maximum of 1500 feet.

Equipment

ID	Description
1	Control and monitoring cabinet - primary
2	Communication cabinet
3	Touchscreen

Equipment Layout and Connection Details

Connection Details - Cont'd

ID	Description
4b	Communication cable - Communication cabinet to touchscreen, 10-foot ethernet cable provided by Musco. Ethernet cable provided by contractor if longer length is needed. Maximum cable length is 300 feet.
4c	Audio cable - Communication cabinet to audio system, provided by contractor. Requires audio cable with 3.5 mm audio plug, maximum of 50 feet.

Equipment - Cont'd

ID	Description
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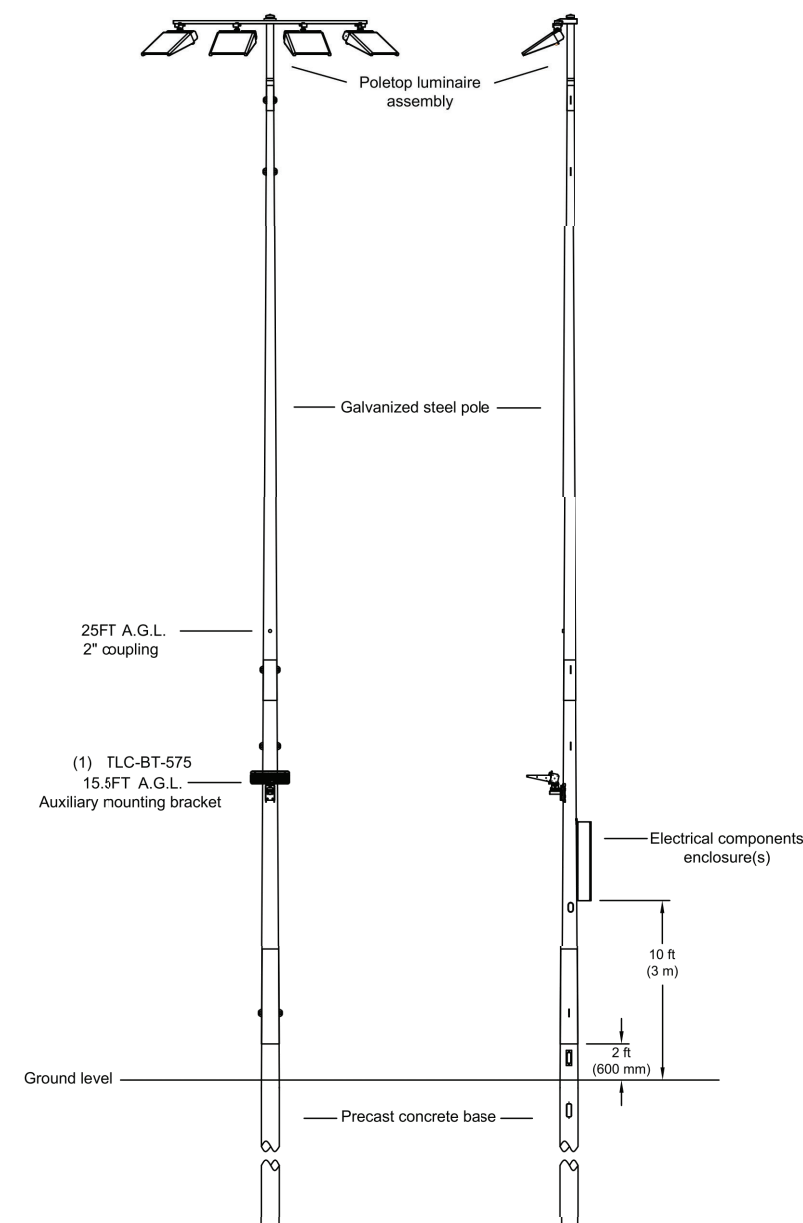
Circuit Summary

Switching Schedule	
Field/Switch Description	Switches
Softball	1
Softball Pole Accent	2
Softball Flag Pole	3
Softball Site Lighting	4

Control Module ID: 3

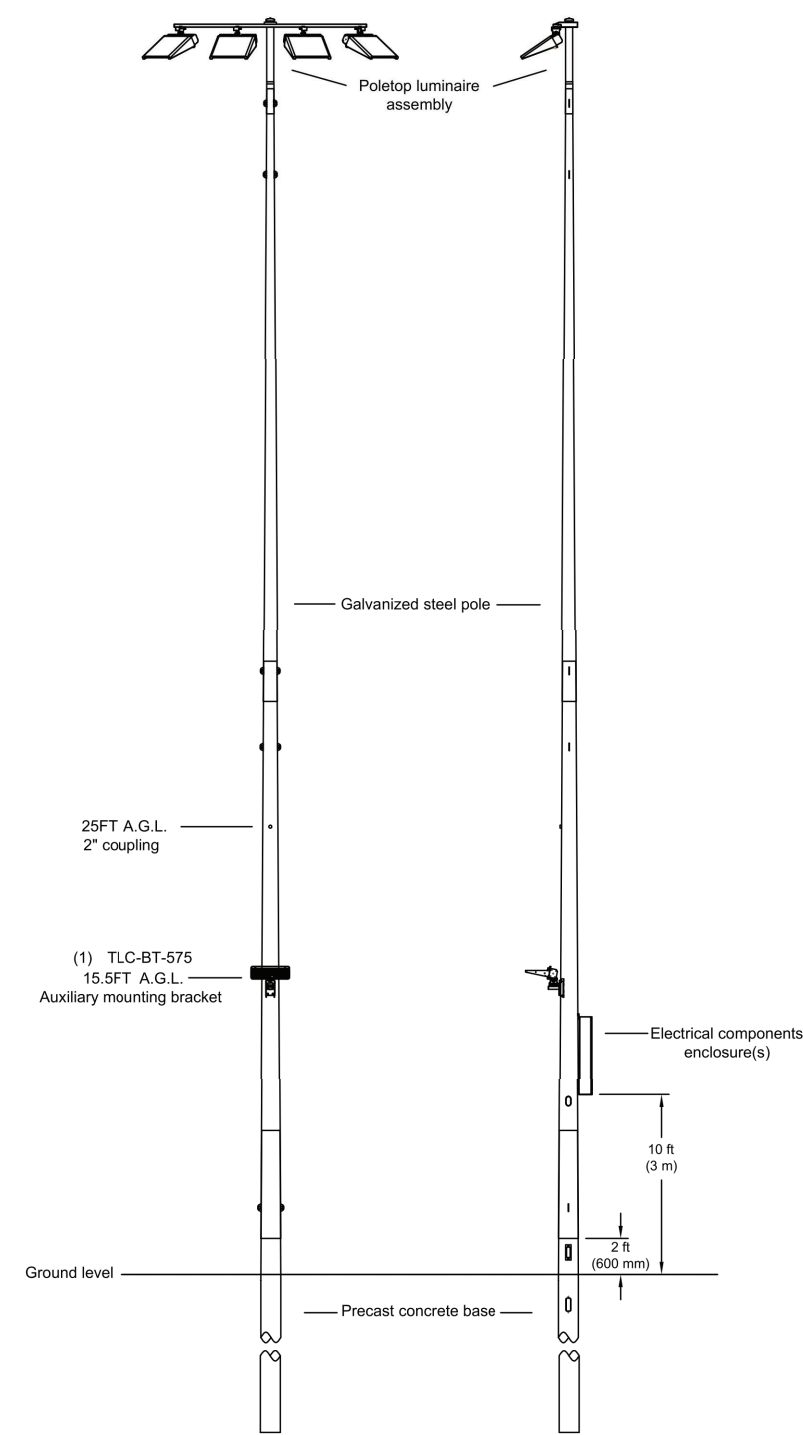
Lighting Circuit Voltage: 480/60/3

Circuit Summary by Switch						
Switch	Zone Description	Pole ID	Qty of Fixtures	Full load amperes	Contactor Size (Amps)	Contactor ID
1	Softball	A3, B3	10	16.11	30	C1
	Softball	A4, B4	10	16.11	30	C2
2	Pole Accent	A3, B3	2	2.23	30	C3
	Pole Accent	A4, B4	2	2.23	30	C4
3	Flag Pole	P3	0		30	C5
4	Site Lighting	P4	0		30	C6



POLE(S): A3, A4
Musco 60FT Light-Structure System™ pole
TLC for LED™ luminaires

DATE: 12/17/2023	BY: R.L.	REVISIONS:	Musco Lighting	CORPORATE OFFICE: P.O. Box 808, 100 Tat Avenue West, Oshkosh, WI 54901, USA Tel: 920-231-6111 Fax: 920-231-6112	North Rockland High School Athletic Complex Thiells NY Pole Configuration Drawing
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POLE(S): A1, A2, B3, B4
Musco 70FT Light-Structure System™ pole
TLC for LED™ luminaires

DATE: 12/17/2023	BY: R.L.	REVISIONS:	Musco Lighting	CORPORATE OFFICE: P.O. Box 808, 100 Tat Avenue West, Oshkosh, WI 54901, USA Tel: 920-231-6111 Fax: 920-231-6112	North Rockland High School Athletic Complex Thiells NY Pole Configuration Drawing
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0 1/2 1
IF THIS BAR DOES NOT
MEASURE 1" THEN DRAWING IS
NOT TO FULL SCALE

Connection Details		Equipment	
ID	Description	ID	Description
1a	Line power to contactors, and equipment grounding conductor. Requires one circuit per contactor, size wiring per load and voltage drop.	1	Control and monitoring cabinet - primary
1b	Load power from contactors, and equipment grounding conductor. Requires one circuit per contactor, size wiring per load and voltage drop.	2	Communication cabinet
2a	Control power with equipment ground to control cabinet. Requires dedicated 20 A circuit. Provide transformer if control voltage not present.	3	Touchscreen
2b	Power cord for touchscreen. Requires standard receptacle.		
2c	Earth ground connection at communication cabinet location. Requires installation of ground electrode if existing earth ground not present.		
2e	Control power with equipment ground.		
4a	Communication cable - Communication cabinet to primary control cabinet. Requires Cat5e cable (Belden 7937A or equal), maximum of 1500 feet.		

Control System ID: 2 of 3
Control System Type: Control-Link * Control and Monitoring
System with Show-Light * Special Effects
Communication Type: PowerLine-ST

Control cabinet(s):	
Control voltage (phase to neutral)	120/60
VA loading - Inrush	2643.0
VA loading - Sealed	250.0
Lighting Circuits:	
Voltage/Hertz/Phase	480/60/3
Communication cabinet(s):	
Cabinet voltage (phase to neutral)	120/60
Touchscreen(s):	
Touchscreen power (receptacle)	120/60

Description	Qty	Size (in)
Control and monitoring cabinet - primary	1	24 X 48
Communication cabinet	1	-
Touchscreen	1	-
Contactors, 30 amperes	6	-
Off/On/Auto switches	2	-

Connection Details - Cont'd		Equipment - Cont'd	
ID	Description	ID	Description
4b	Communication cable - Communication cabinet to touchscreen. 10-foot ethernet cable provided by Musco. Ethernet cable provided by contractor if longer length is needed. Maximum cable length is 300 feet.		
4c	Audio cable - Communication cabinet to audio system, provided by contractor. Requires audio cable with 3.5 mm audio plug, maximum of 50 feet.		

Switching Schedule	
Field/Switch Description	Switches
Baseball	1
Baseball Pole Accent	2

Circuit Summary by Switch							
Switch	Zone Description	Pole ID	Qty of Fixtures	Full load amperes	Contactor Size (Amps)	Cabinet #	Contactor ID
1	Baseball	A1, A2	10	18.65	30	2	C1
	Baseball	B1	9	16.43	30	2	C2
	Baseball	B2	9	16.43	30	2	C3
	Baseball	C1	7	13.83	30	2	C4
	Baseball	C2	7	13.83	30	2	C5
2	Pole Accent	A1, A2, B1, B2, C1, C2	6	5.59	30	2	C6

2	10/23/24	REV2 BIDDING ADDENDUM1	
1	09/17/24	BIDDING DOCUMENTS	
No.	Date	Revisions	

Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

Landscape Architect & Civil Engineer:	THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 40 LONG ALEUT, SALVADORA SPINOS, NY 12066
Structural & PME Engineer:	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD, SUITE 202, SUFFERN, NY 10901

**NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 &
HVAC UPGRADES**

HIGH SCHOOL; SED# 95-02-01-06-0-0-019-036
PRESS BOX - SOUTHWALL; SED# 95-02-01-06-7-0-000-001
PRESS BOX - BASEBALL; SED# 95-02-01-06-7-0-001-001

108 Hammond Rd.
Thiells, NY 10984

TOWN OF HAVESWORTH
COUNTY OF ROCKLAND

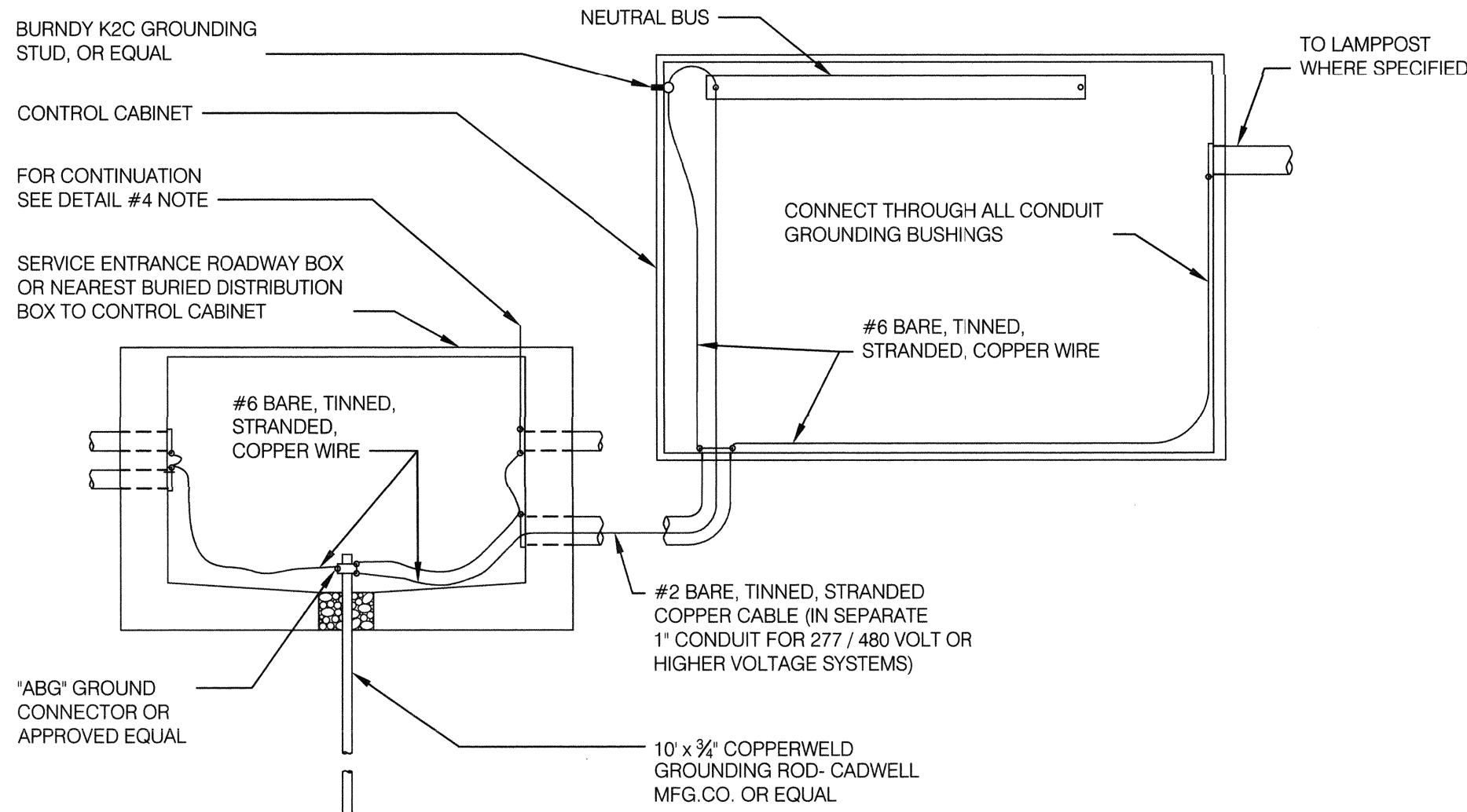


MICHAEL SHILALE ARCHITECTS, L.L.P.
140 Park Avenue New City, NY 10956 Tel 845-708-9200
www.shilale.com

MANUFACTURER	QTY	MODEL	ITEM
Community	3	R.5-96MAX	Loud Speaker
Community	1	ALC-3202D	Amplifiers
ADI	1	DN312X	Mixer
Ashly	1	NE24.24M 4x4	Processor
Adaptive Technologies	6	SC-188-30-SS	Safety Cable
Adaptive Technologies	1	PM-DA-48-G	Dual Loudspeaker Cross Bar
Adaptive Technologies	1	PM-MOUNT-6UP-G	Loudspeaker Pole Mounting Pate
Adaptive Technologies	4	PM-BAND-90	Pole Mounting Bands 30"
Adaptive Technologies	2	PM-SAFETY-6D	Safety Cable Pole Mounting Plate
Adaptive Technologies	1	PM-24-6DOWN-G	Pole Mount Kit for Press Box Speakers
E-Rigging/Haas	10	51612015	3/8"-16 x 11/16" Stainless Eye Bolt
Shure	1	ULXD4-H50	Wireless Recievers
Shure	1	UA825	Remote Antenna Cable - 25'
Shure	1	UA874US	Acitive Directional Remote Antenna
Shure	1	ULXD2/SM58-H50	Handheld Mic
Shure	1	SM58S	Handheld Mic
Shure	1	ULXD1-H50	Belt Pack Transmitter
Shure	1	SBC-200-US	Charging Dock W/ Power Supply
Shure	2	S8900B	Battery Pack
Shure	1	SM31FH-TQG	Head Set Mic
Shure	1	WA360	Belt Pack Toggle
Gator/Frameworks	2	GFW-MIC-0601	Desktop Mic Stand
Gator/Frameworks	1	GFW-MIC-2020	Boom Mic Stand
Whirlwind	1	MIP3S	Audio Plate
Whirlwind	1	MKQ15	Mic Cable
Whirlwind	1	MKQ50NP-ORANGE	Mic Cable
Whirlwind	1	MST2R10	Audio Cable STMINI to Dual RCA
Whirlwind	1	MST10	Audio Cable STMINI
Whirlwind	1	SPLIT6	Line Level Splitter
RDL	1	TX70A	Transformer

MANUFACTURER	QTY	MODEL	ITEM
Community	3	R.5-96MAX	Loud Speaker
Community	1	ALC-3202D	Amplifiers
ADI	1	DN312X	Mixer
Ashly	1	NE24.24M 4x4	Processor
Adaptive Technologies	6	SC-188-30-SS	Safety Cable
Adaptive Technologies	1	PM-DA-48-G	Dual Loudspeaker Cross Bar
Adaptive Technologies	1	PM-MOUNT-6UP-G	Loudspeaker Pole Mounting Pate
Adaptive Technologies	4	PM-BAND-90	Pole Mounting Bands 30"
Adaptive Technologies	2	PM-SAFETY-6D	Safety Cable Pole Mounting Plate
Adaptive Technologies	1	PM-24-6DOWN-G	Pole Mount Kit for Press Box Speakers
E-Rigging/Haas	10	51612015	3/8"-16 x 11/16" Stainless Eye Bolt
Shure	1	ULXD4-H50	Wireless Recievers
Shure	1	UA825	Remote Antenna Cable - 25'
Shure	1	UA874US	Acitive Directional Remote Antenna
Shure	1	ULXD2/SM58-H50	Handheld Mic
Shure	1	SM58S	Handheld Mic
Shure	1	ULXD1-H50	Belt Pack Transmitter
Shure	1	SBC-200-US	Charging Dock W/ Power Supply
Shure	2	S8900B	Battery Pack
Shure	1	SM31FH-TQG	Head Set Mic
Shure	1	WA360	Belt Pack Toggle
Gator/Frameworks	2	GFW-MIC-0601	Desktop Mic Stand
Gator/Frameworks	1	GFW-MIC-2020	Boom Mic Stand
Whirlwind	1	MIP3S	Audio Plate
Whirlwind	1	MKQ15	Mic Cable
Whirlwind	1	MKQ50NP-ORANGE	Mic Cable
Whirlwind	1	MST2R10	Audio Cable STMINI to Dual RCA
Whirlwind	1	MST10	Audio Cable STMINI
Whirlwind	1	SPLIT6	Line Level Splitter
RDL	1	TX70A	Transformer

SERVICE ENTRANCE GROUNDING



1 BASEBALL FIELD SOUND SYSTEM EQUIPMENT

SCALE: N.T.S.

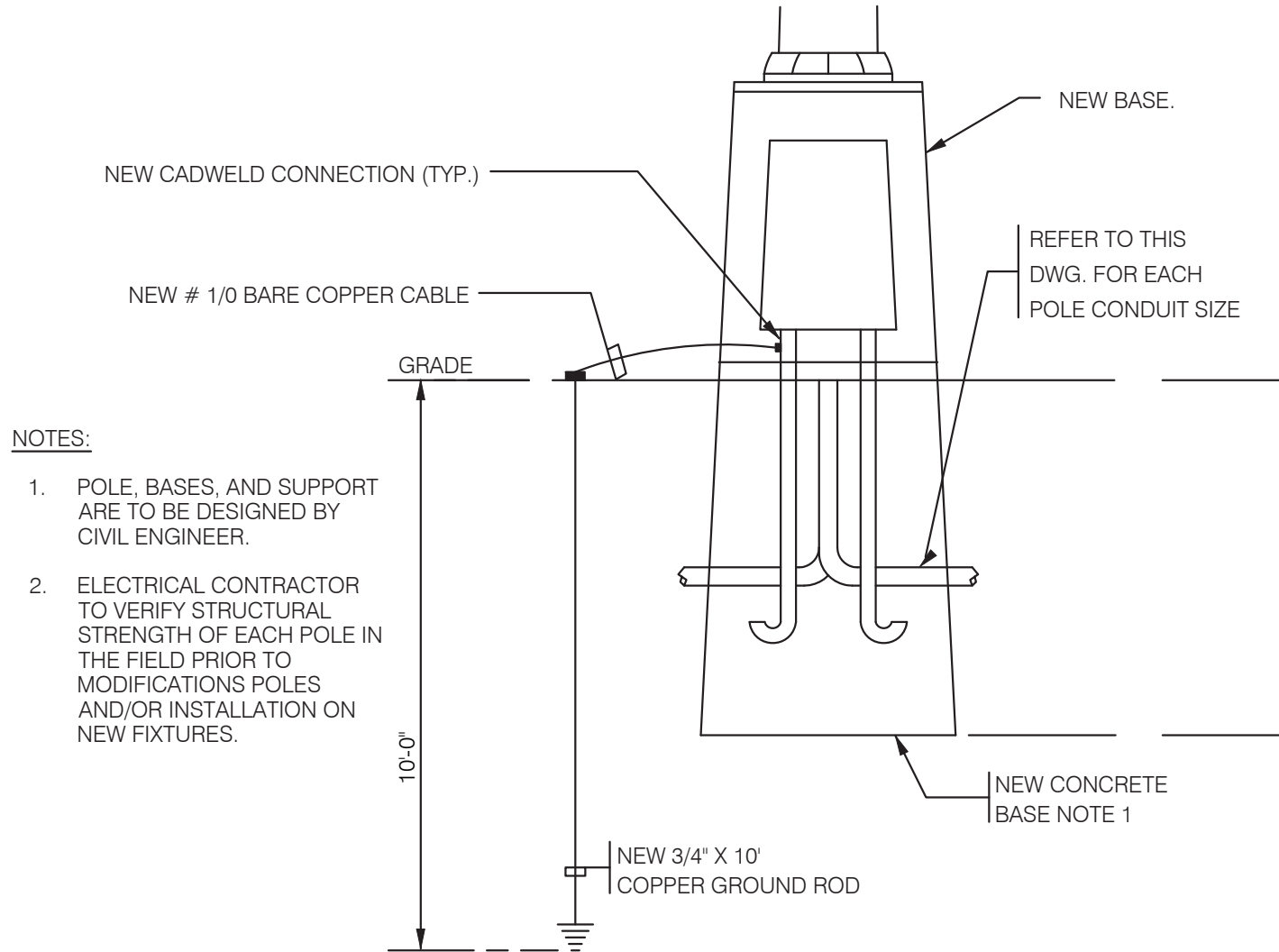
MANUFACTURER	QTY	MODEL	ITEM
Community	2	R.5-94Z	Loud Speaker
Community	2	R.5-66Z	Loud Speaker
Community	2	ALC-1604D	Amplifiers
ADI	1	DN312X	Mixer
Ashly	1	NE24.24M 4x4	Processor
Adaptive Technologies	8	SC-188-30-SS	Safety Cable
Adaptive Technologies	2	PM-DA-48-G	Dual Loudspeaker Cross Bar
Adaptive Technologies	2	PM-MOUNT-6UP-G	Loudspeaker Pole Mounting Pate
Adaptive Technologies	8	PM-BAND-90	Pole Mounting Bands 30"
Adaptive Technologies	2	PM-SAFETY-6D	Safety Cable Pole Mounting Plate
E-Rigging/Haas	10	51612015	3/8"-16 x 11/16" Stainless Eye Bolt
Shure	1	ULXD4Q-H50	Wireless Recievers
Shure	1	UA825	Remote Antenna Cable - 25'
Shure	1	UA874US	Acitive Directional Remote Antenna
Shure	1	ULXD2/SM58-H50	Handheld Mic
Shure	1	SM58S	Handheld Mic
Shure	1	ULXD1-H50	Belt Pack Transmitter
Shure	1	SBC-200-US	Charging Dock W/ Power Supply
Shure	2	S8900B	Battery Pack
Shure	1	SM31FH-TQG	Head Set Mic
Shure	1	WA360	Belt Pack Toggle
Gator/Frameworks	2	GFW-MIC-0601	Desktop Mic Stand
Gator/Frameworks	1	GFW-MIC-2020	Boom Mic Stand
Whirlwind	1	MIP3S	Audio Plate
Whirlwind	1	MKQ15	Mic Cable
Whirlwind	1	MKQ50NP-ORANGE	Mic Cable
Whirlwind	1	MST2R10	Audio Cable STMINI to Dual RCA
Whirlwind	1	MST10	Audio Cable STMINI
Whirlwind	1	SPLIT6	Line Level Splitter
RDL	1	TX70A	Transformer

3 HOCKEY FIELD SOUND SYSTEM EQUIPMENT

SCALE: N.T.S.

2 SOFTBALL FIELD SOUND SYSTEM EQUIPMENT

SCALE: N.T.S.



NOTES:

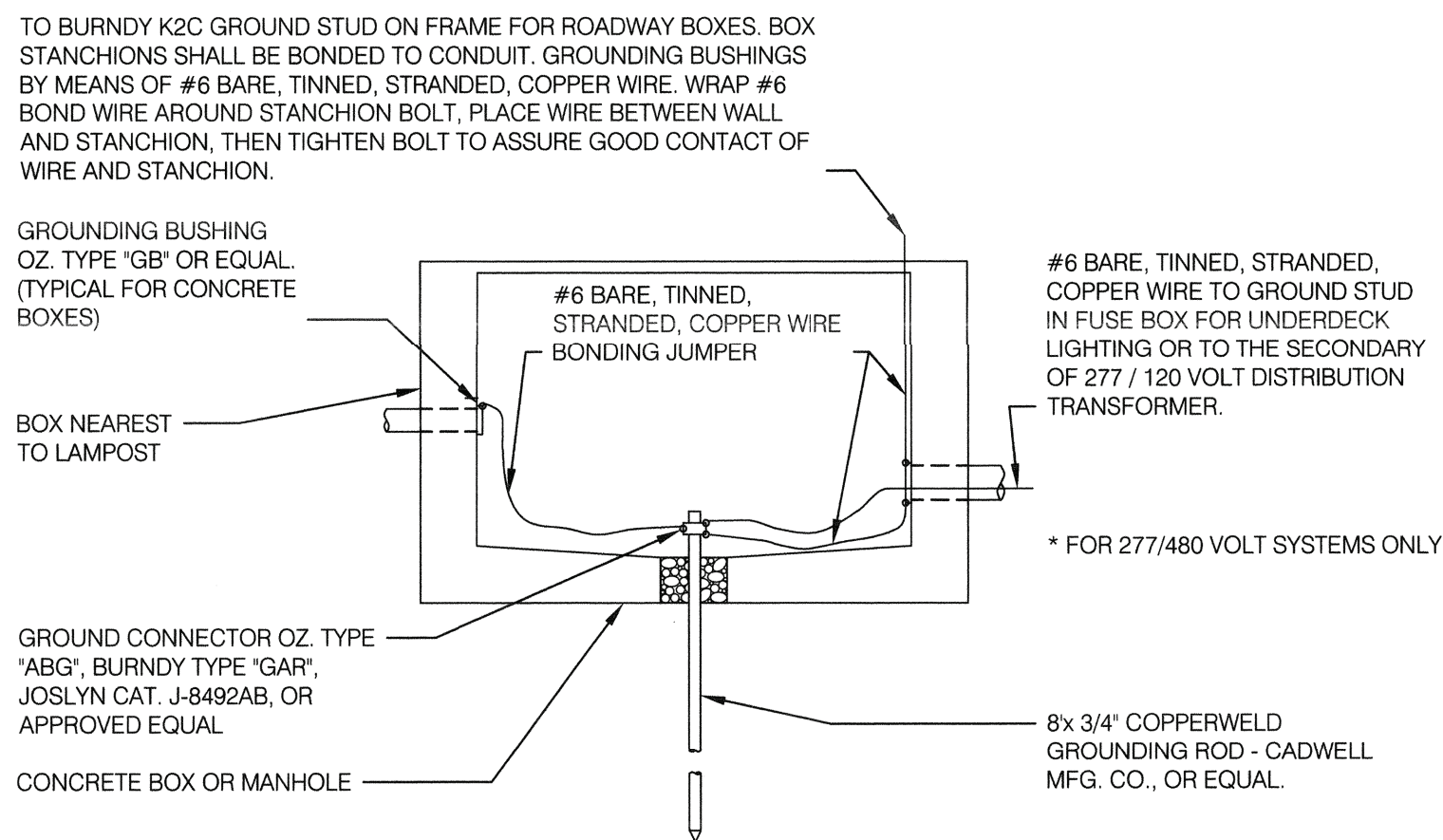
- POLE, BASES, AND SUPPORT ARE TO BE DESIGNED BY CIVIL ENGINEER.
- ELECTRICAL CONTRACTOR TO VERIFY STRUCTURAL STRENGTH OF EACH POLE IN THE FIELD PRIOR TO MODIFICATIONS POLES AND/OR INSTALLATION ON NEW FIXTURES.

4 TYPICAL GROUNDING DETAIL OF POLE

SCALE: N.T.S.

BOX DETAIL

(EVERY FIFTH BOX OR WHERE SPECIFIED ON CONTRACT PLANS)



5

TYPICAL CONCRETE ROADWAY BOX GROUNDING DETAILS

SCALE: N.T.S.

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

No.	Date	Revisions
2	10/23/24	REV2 BIDDING ADDENDUM1
1	09/17/24	BIDDING DOCUMENTS

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Drawn by	AWF
Checked by	SH
Project No.	43045
Scale	AS NOTED
Date	10/23/24

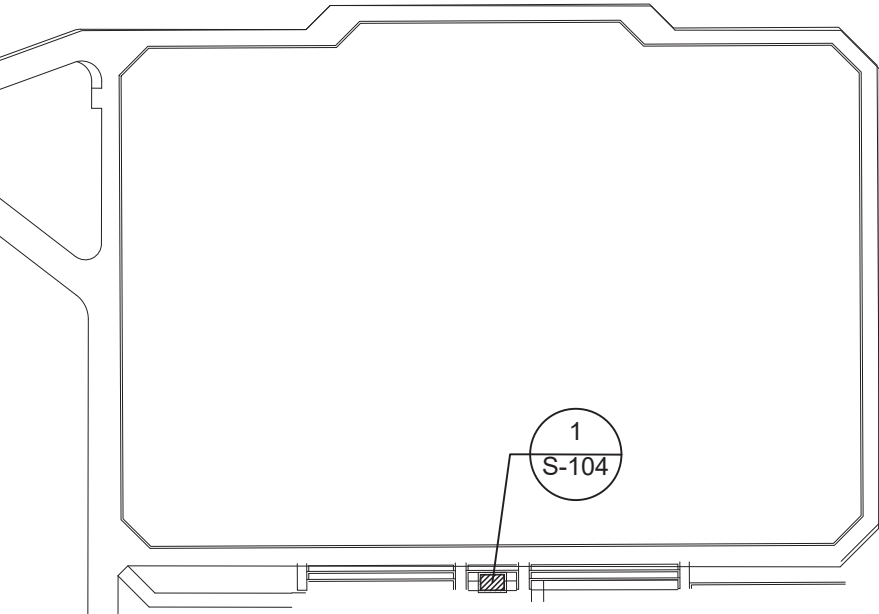
THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 100 WEST STREET SAUGUTON, SPENCER, NY 12846	GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD SUITE 200, SUFFERN, NY 10901
Landscape Architect & Civil Engineer:	Structural & P&E Engineer:

NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES	HIGH SCHOOL SED# 50-02-01-00-0-006-088 PRESS BOX - SOFTBALL: SED# 50-00-01-00-7-000-001 PRESS BOX - BASEBALL: SED# 50-00-01-00-7-001-001
140 BARNARD RD THUNDER, NY 10984	OWNER: NY STATE COUNTY OF ROCKLAND

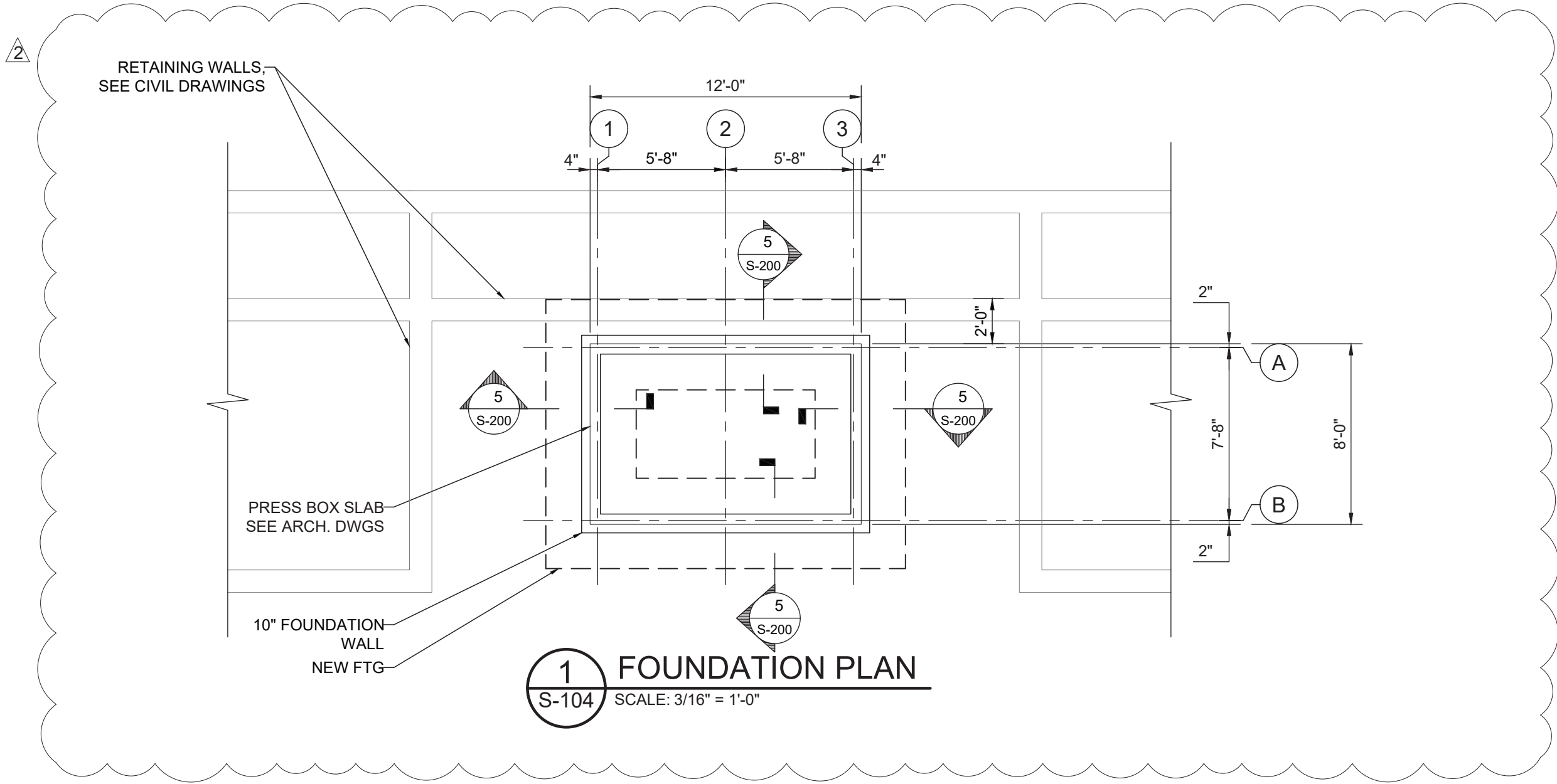
MSA	MICHAEL SHILALE ARCHITECTS, L.L.P. 140 Park Avenue New City, NY 10956 Tel 845-708-9200 www.shilale.com
-----	--

ELECTRICAL DETAILS SHEET #5	Drawing No. CE-505
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HOCKEY FIELD KEY PLAN



0 1/2 1
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NOT TO FULL SCALE

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Drawing Title
HOCKEY PRESS BOX
FOUNDATION PLAN



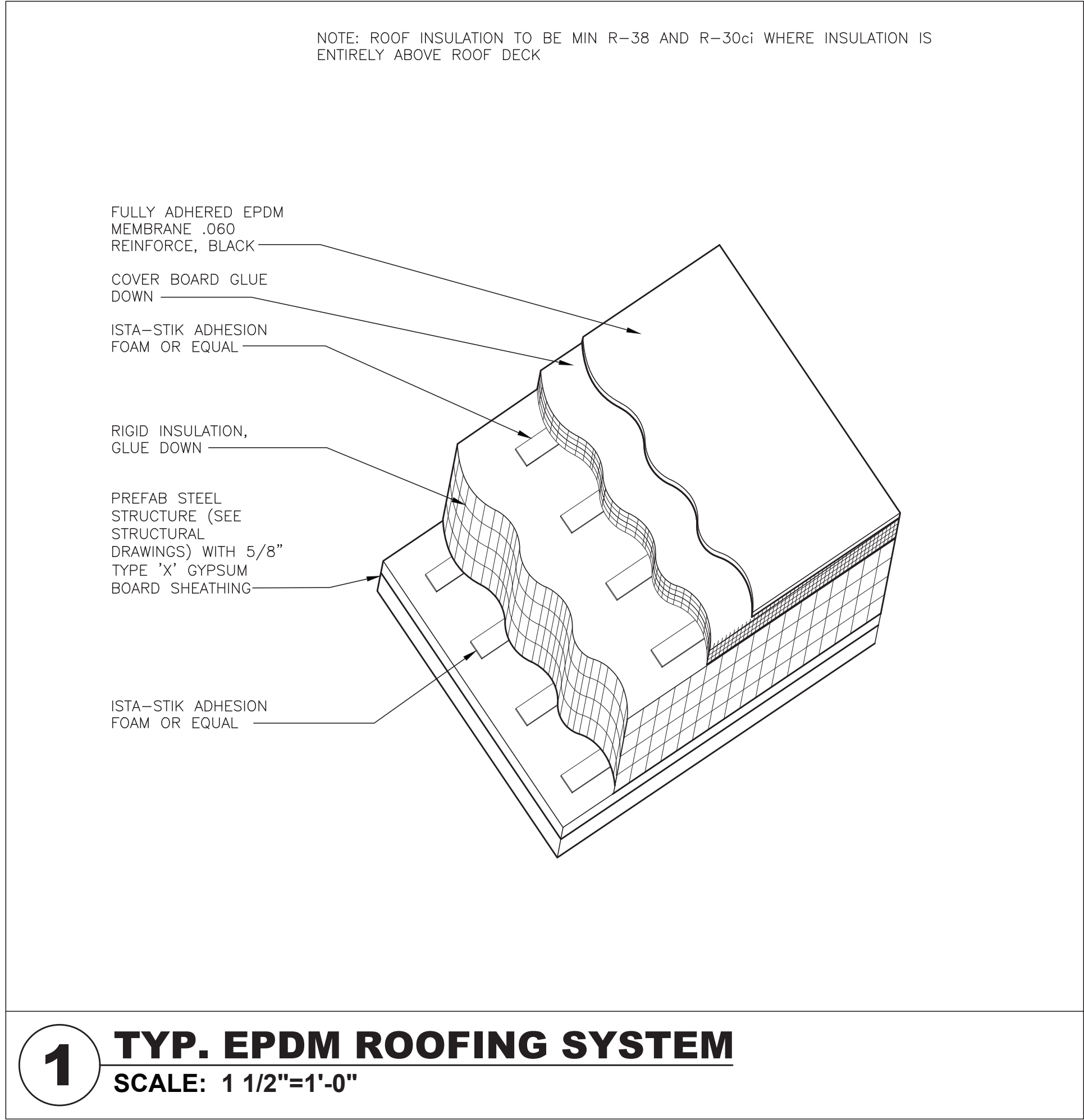
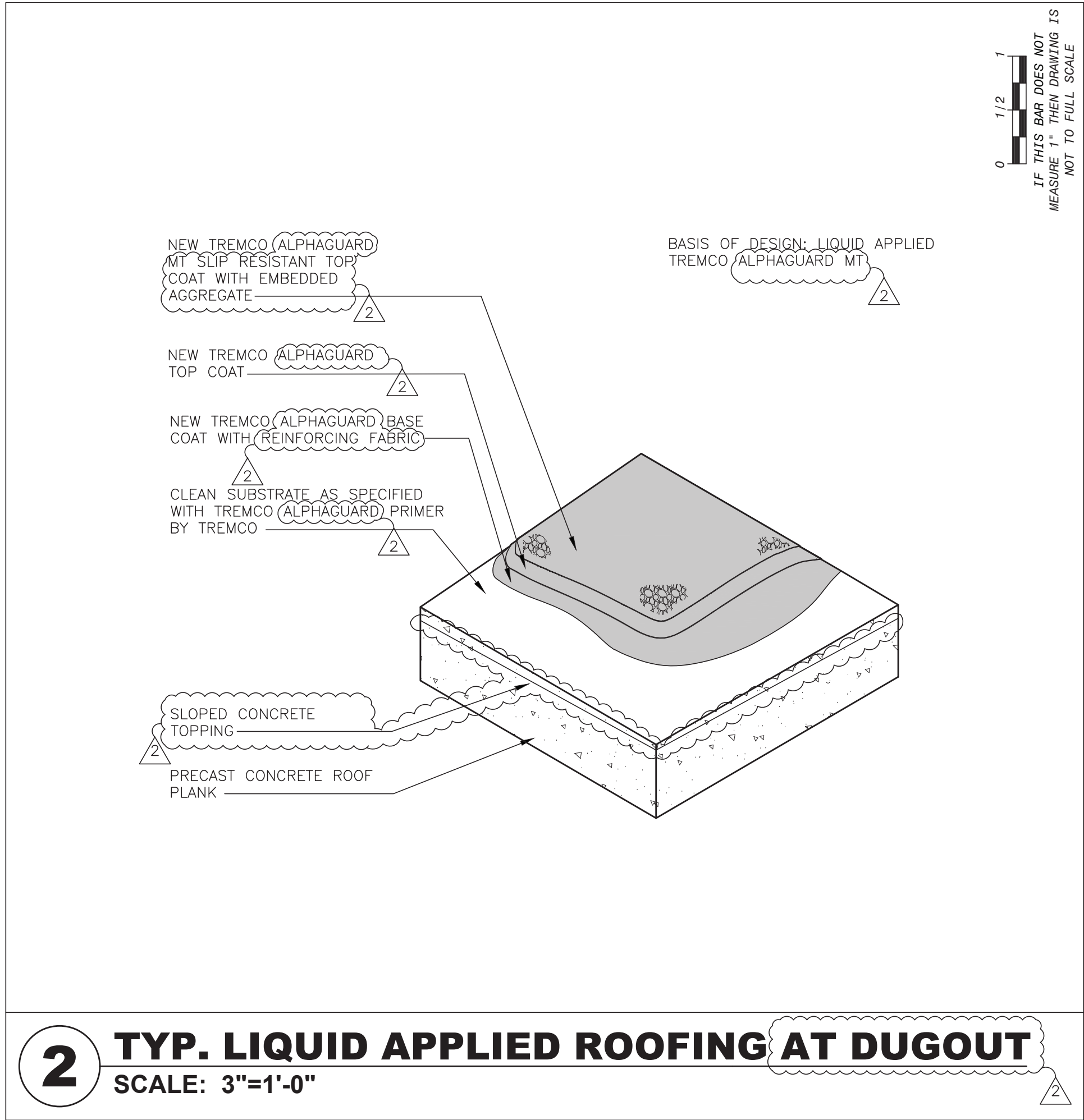
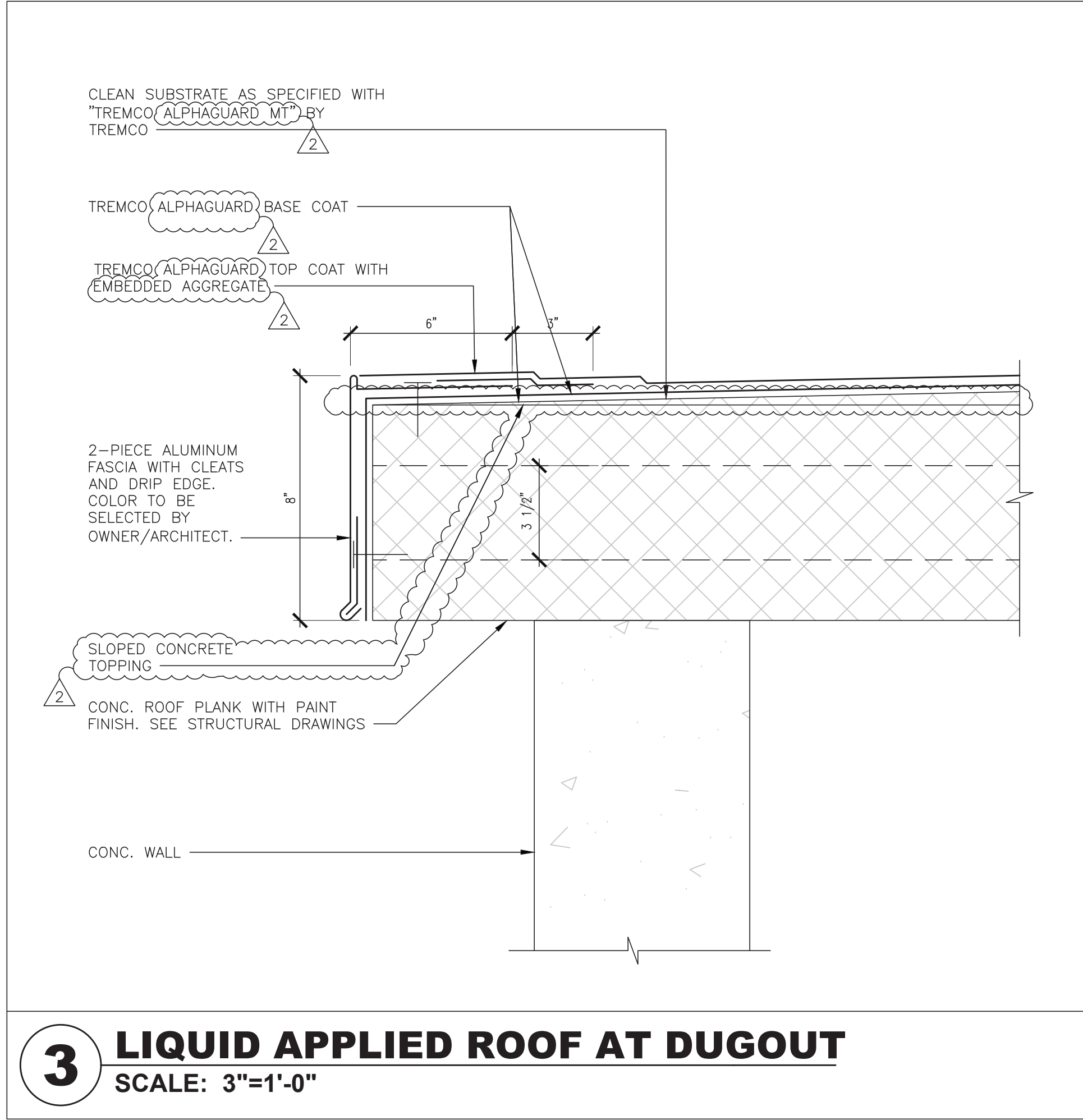
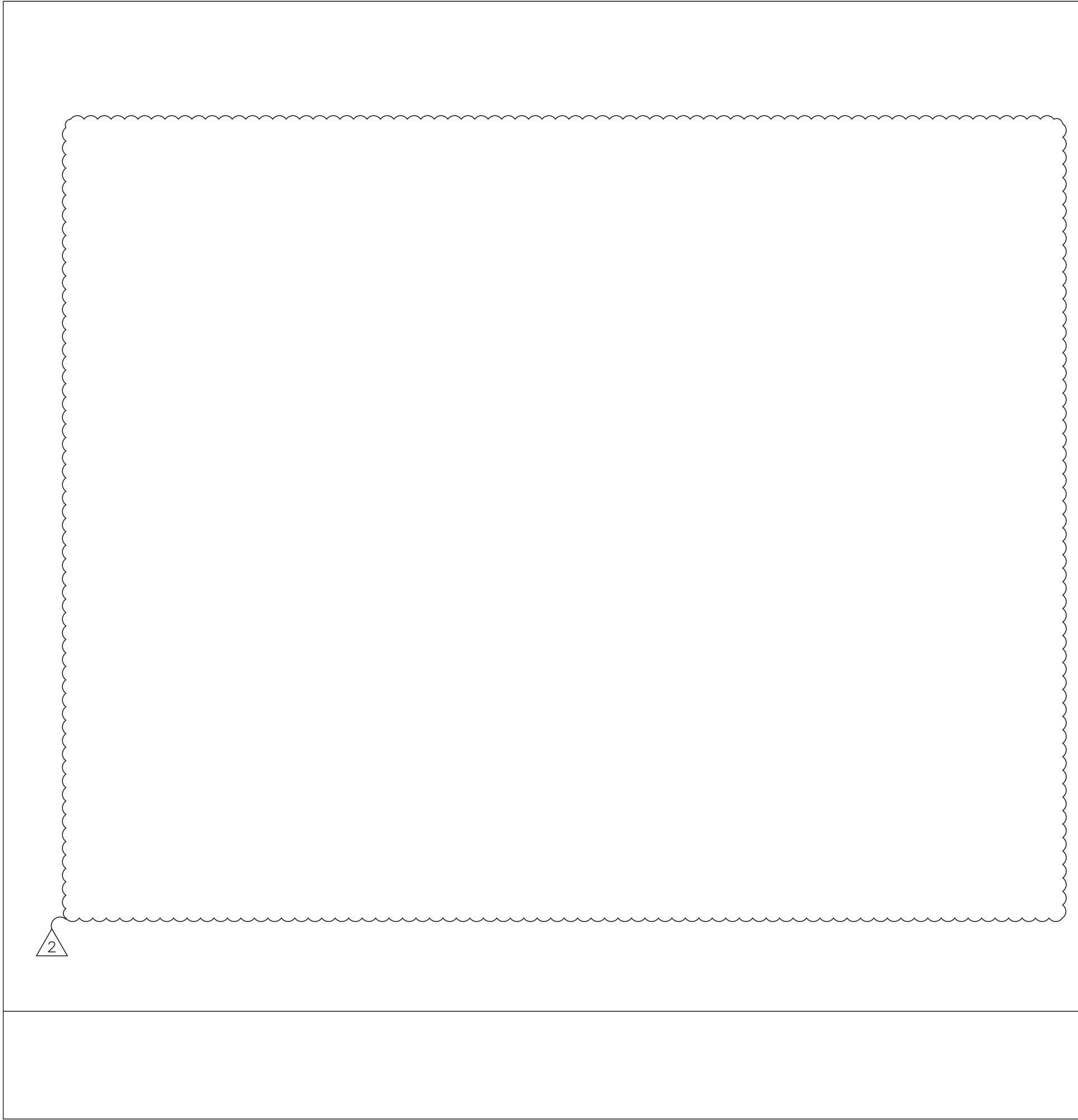
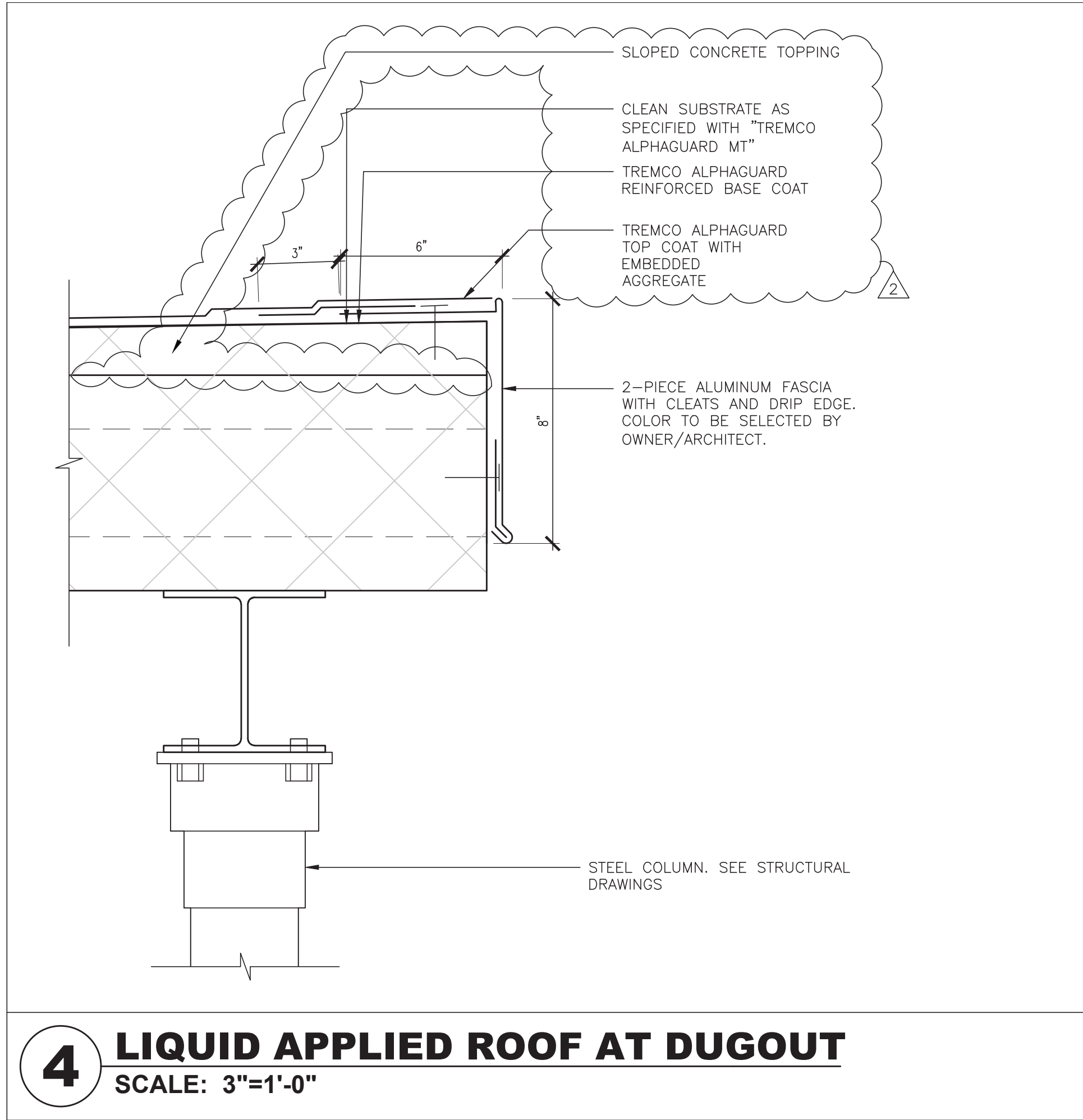
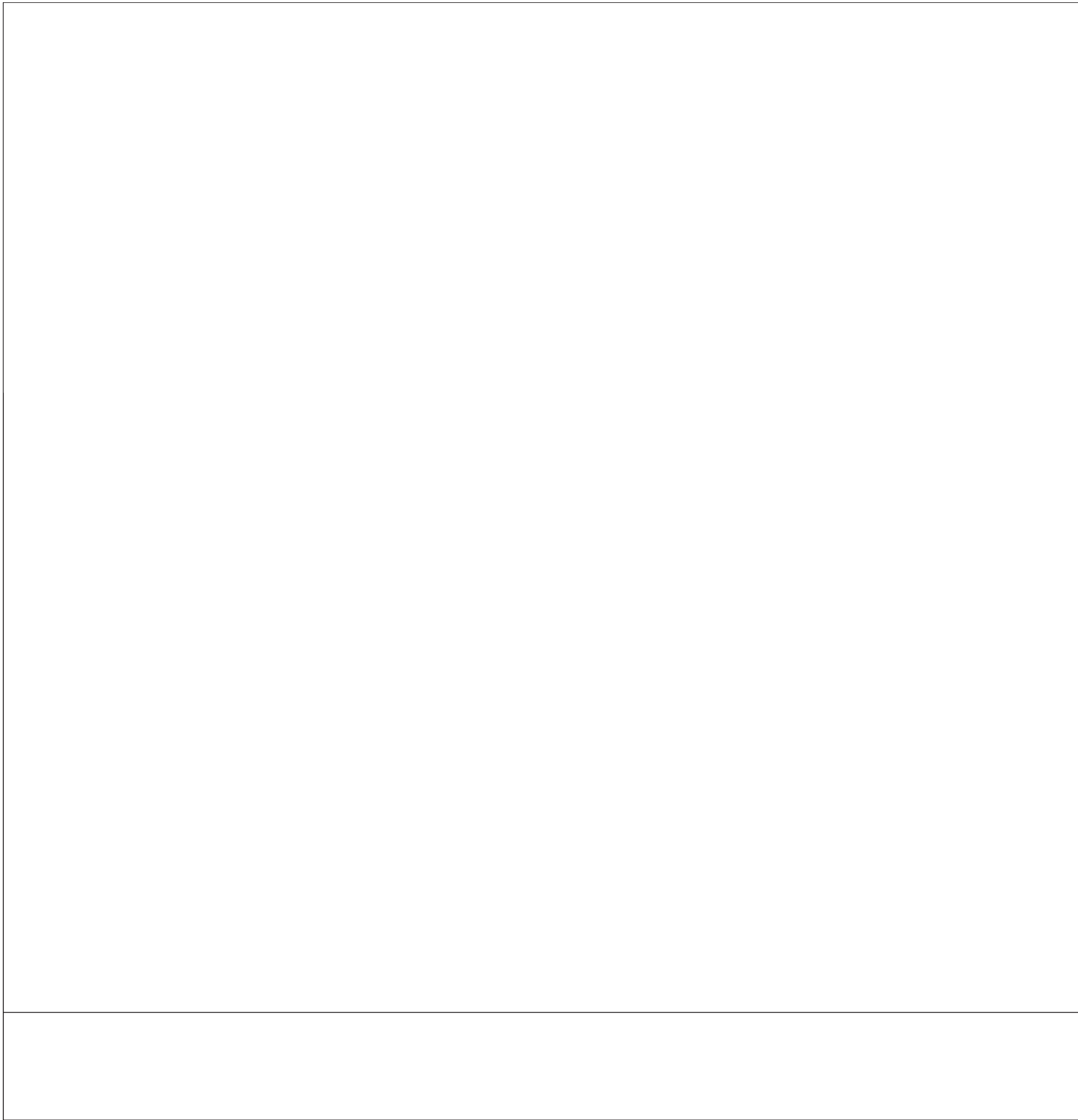
MICHAEL SHILALE ARCHITECTS, LLP
140 Park Avenue New City, NY 10956 Tel 845-708-9200
www.shilale.com

Drawing No.
S-104

Landscope Architect & Civil Engineer:	THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 100 WEST STREET SARATOGA SPRINGS, NY 12866
Structural & PAE Engineer:	GREENMAN PEDERSEN, INC 2 KENDRICK BOULEVARD, SUITE 202, SUFFERN, NY 10901

Drawn by	S.I.
Checked by	RAB
Project No.	43045
Scale	AS NOTED
Date	10/23/24

No.	Date	Revisions
2	10/23/24	PHASE 2 BIDDING ADDENDUM 1
1	10/17/24	FIELD HOCKEY SED SUBMISSION



Drawn by	SP	Checked by	MS/JC	Project No.	43045	Scale	AS NOTED	Date	10-06-23
THE LA GROUP	LANDSCAPE ARCHITECTURE & ENGINEERING	40 LONG AVE., SUITE 202, SUFFRIN, NY 10901	GREENMAN & PEDERSEN, INC.	STRUCTURAL & CIVIL ENGINEER	100 HANOVER RD., THALIS, NY 10984	REG. EXP. DATE: 06-30-24	No.	Date	Revisions

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Drawing Title

ROOF DETAILS

North Rockland High School Fields - Phase 2 & HVAC Upgrades

High School, SDR# 50-02-01-06-04-016-008

Press Box - SDR# 50-02-01-06-04-016-009-001

Press Box - Baseball, SDR# 50-02-01-06-04-016-001-001

100 Hanover Rd., Thalish, NY 10984

Town of Hanover, County of Rockland

HSA

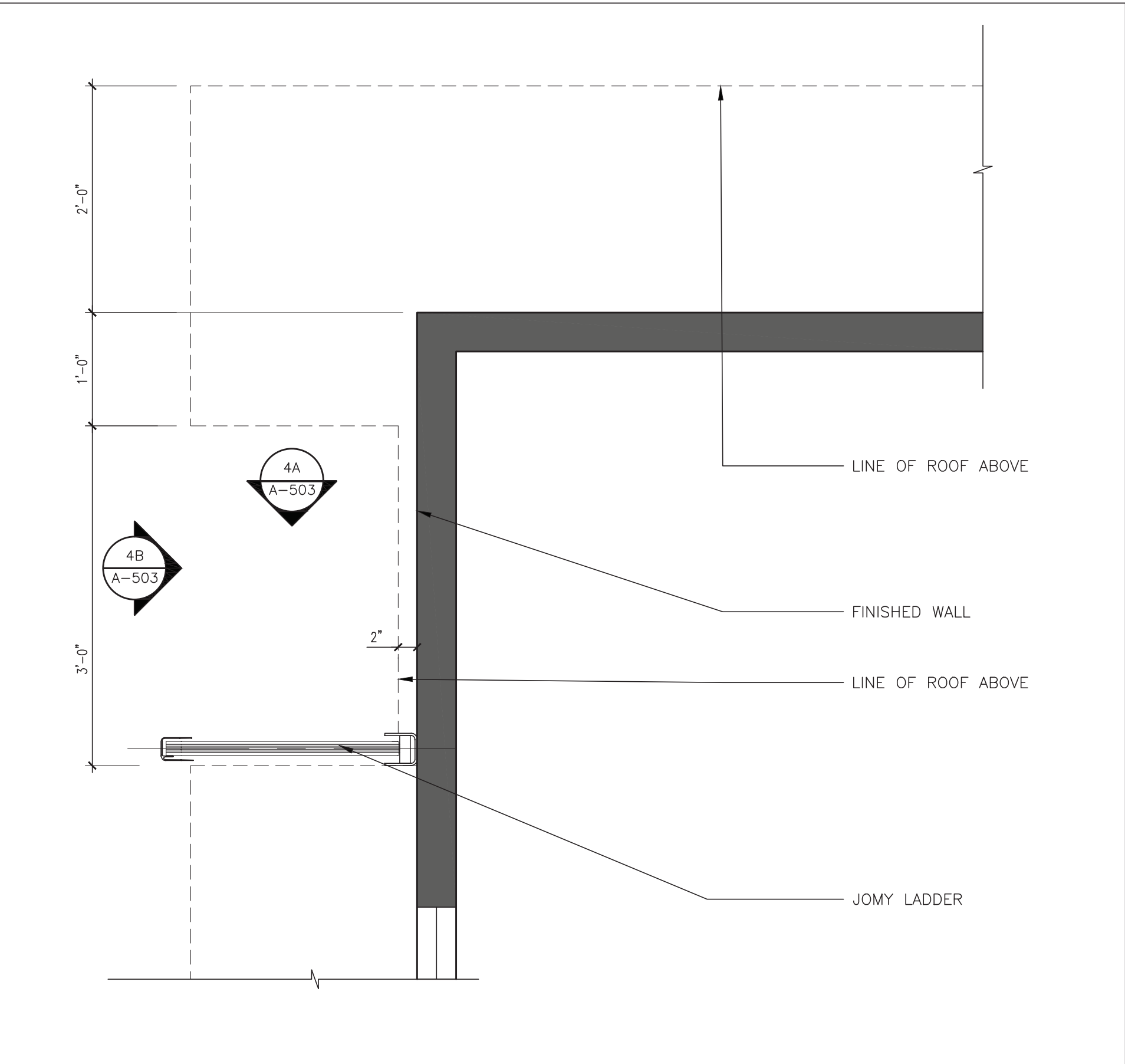
MICHAEL SHILALE ARCHITECTS, L.L.P.

140 Park Avenue New York, NY 10018 Tel 945-705-9200

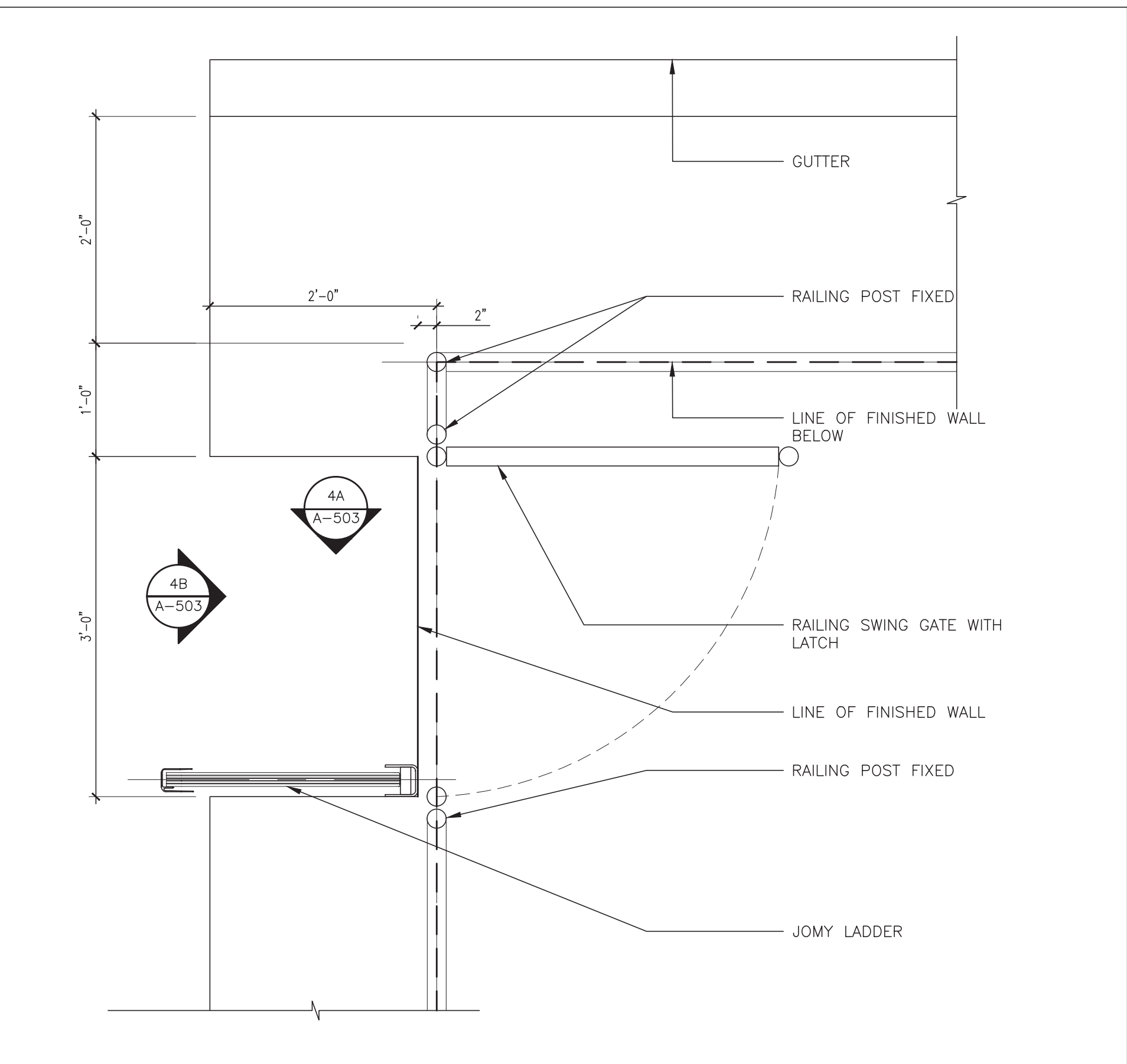
www.hsaarch.com

Drawing No.

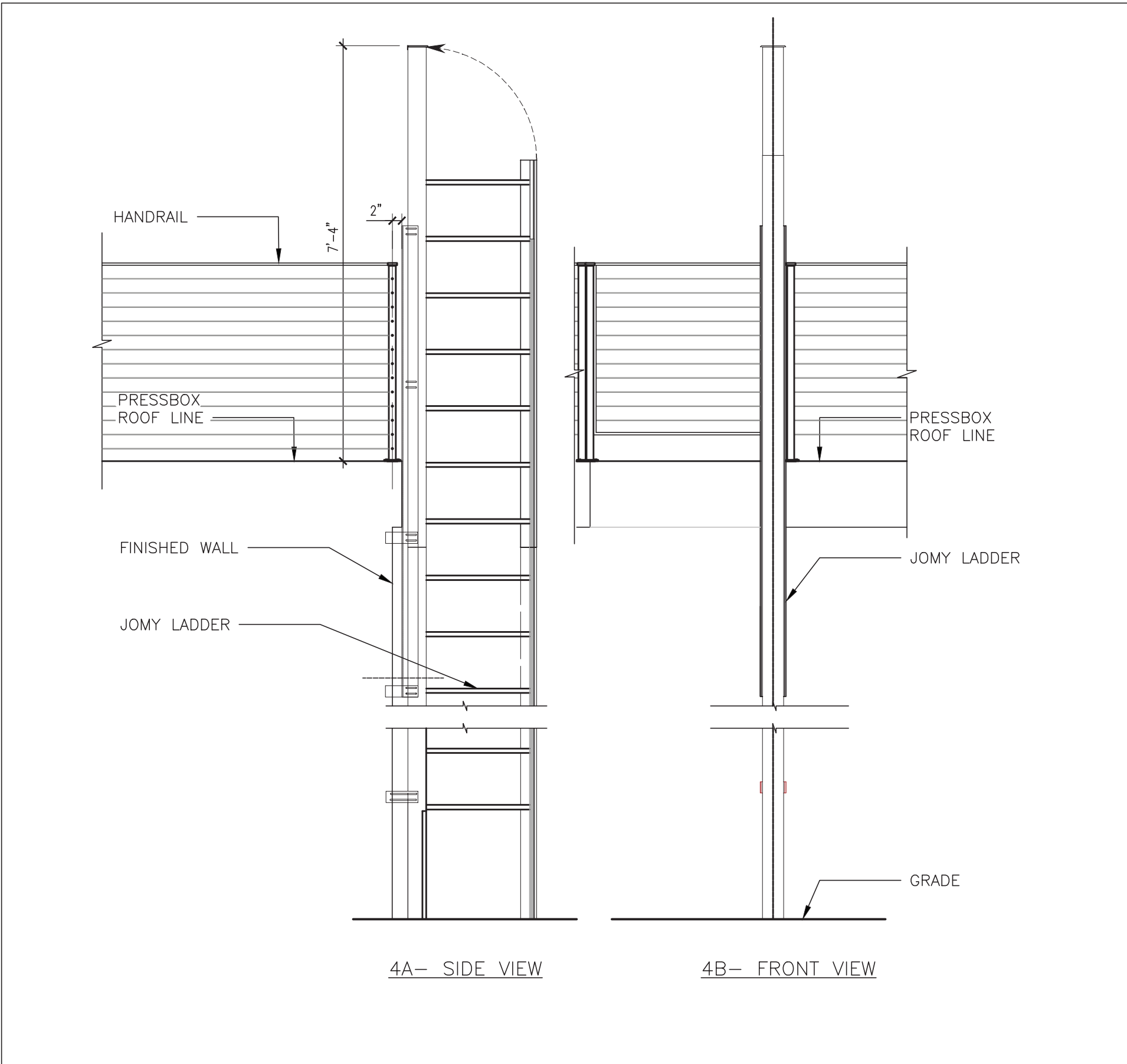
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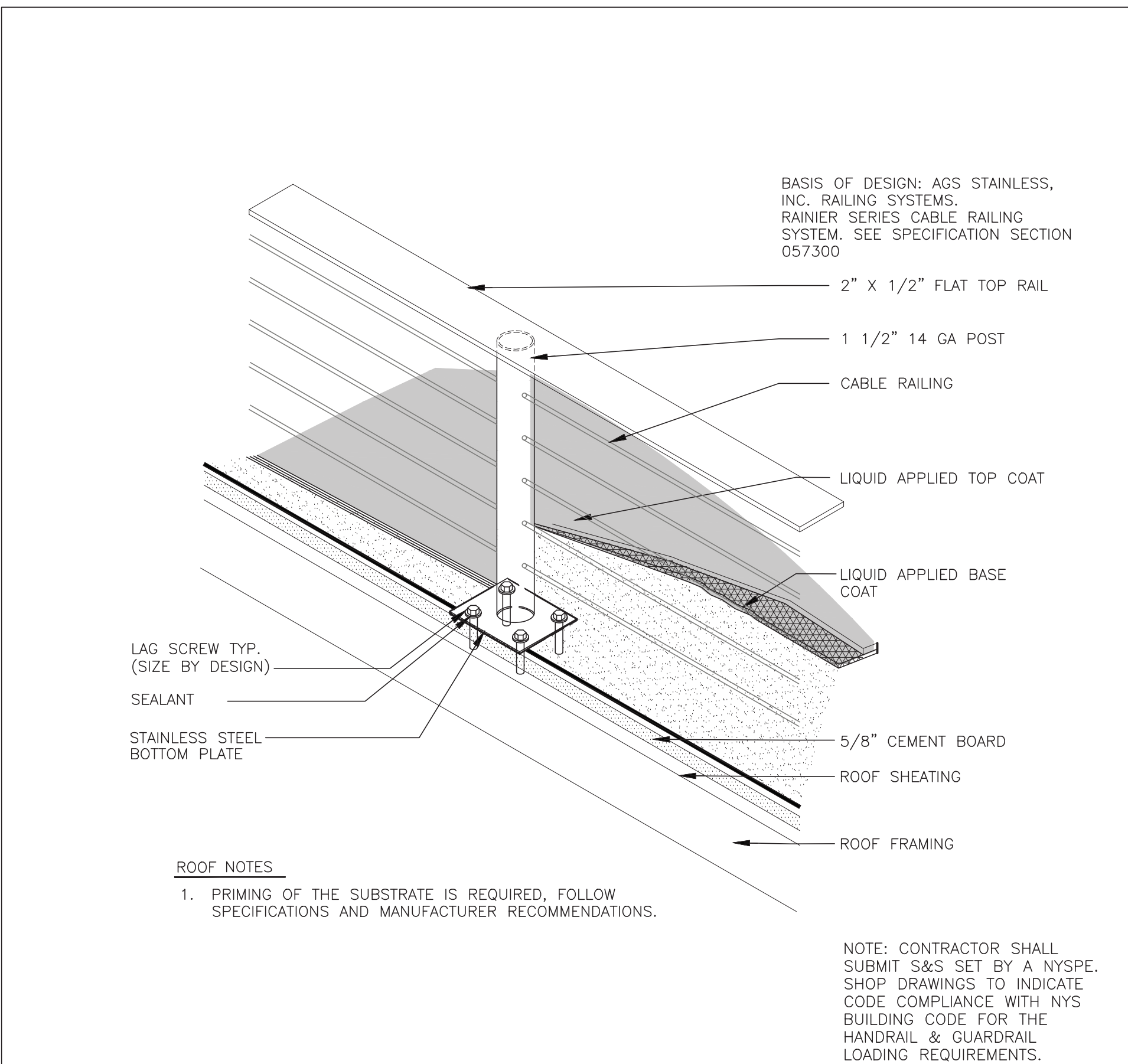
6 LADDER AT FIRST FLOOR
SCALE: 1"=1'-0"



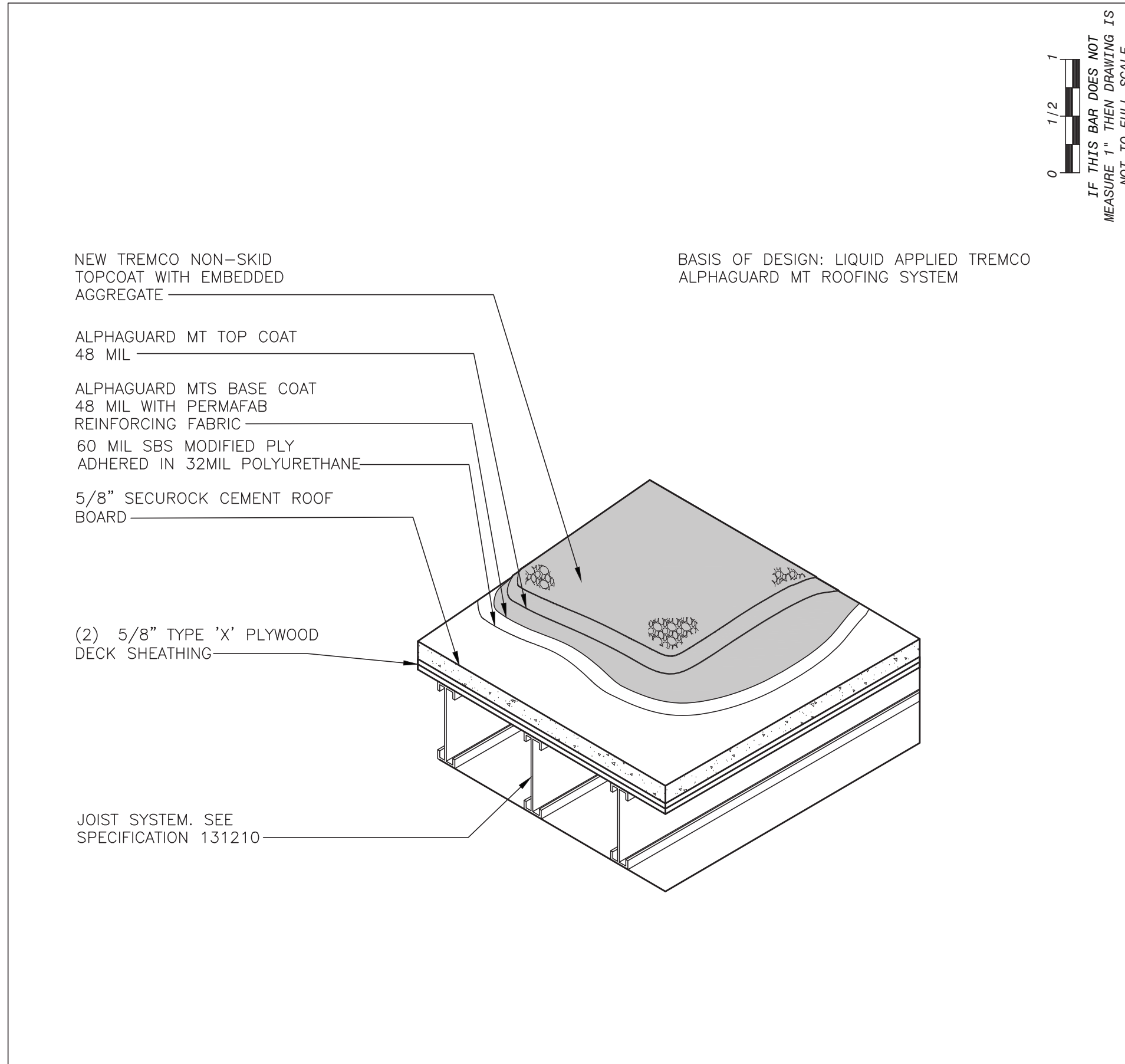
5 ROOF PLAN AT LADDER ON ROOF
SCALE: 1"=1'-0"



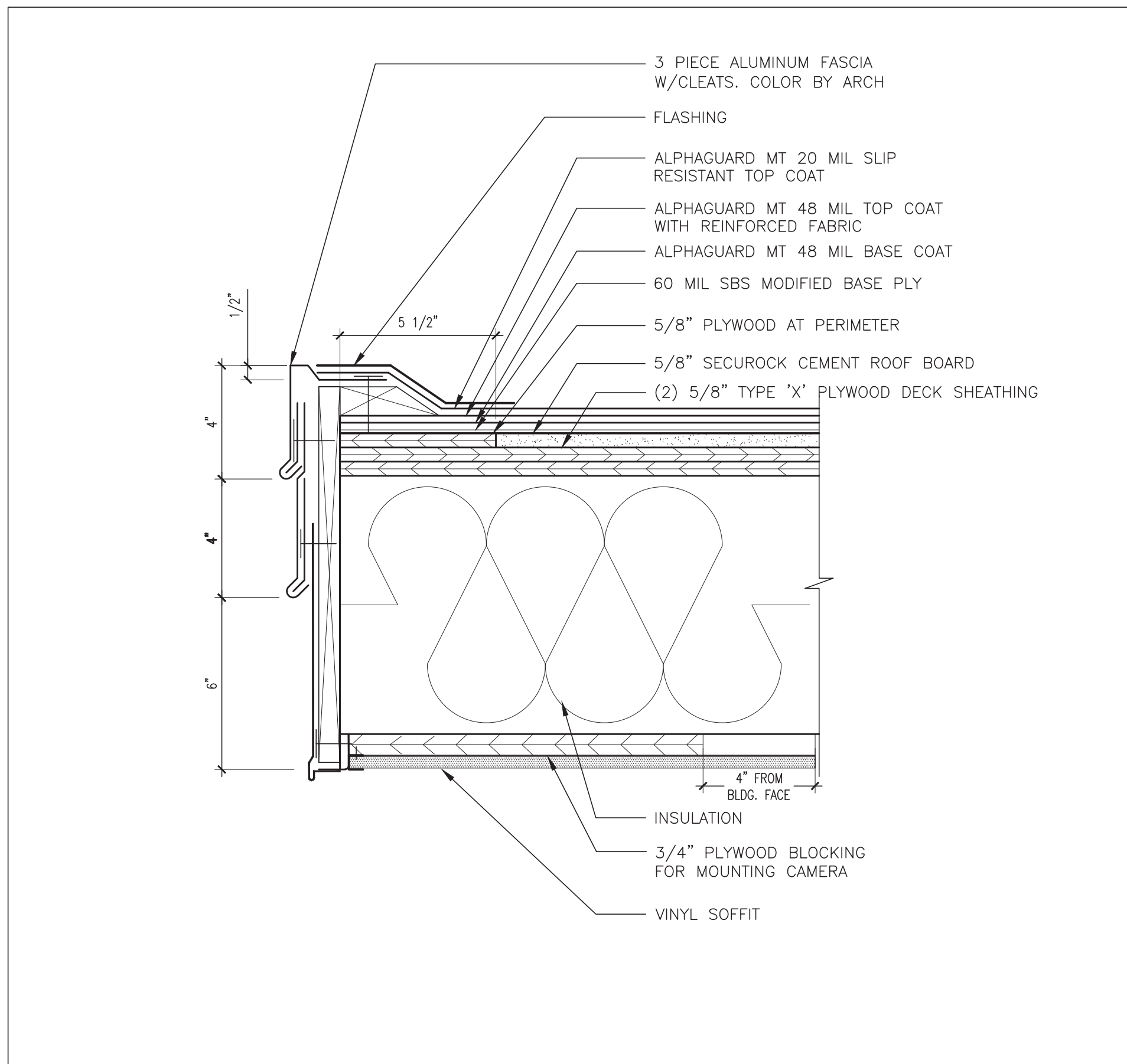
4 LADDER DETAIL
SCALE: 1/2"=1'-0"



3 RAILING DETAIL AT FIELD HOCKEY PRESSBOX
SCALE: N.T.S.



2 TYP. LIQUID APPLIED ROOFING
SCALE: 3"=1'-0"



1 FASCIA DETAIL AT PRESSBOX ROOF
SCALE: 3"=1'-0"

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Drawing Title
ROOF DETAILS

Drawing No.
A-503

Drawn by
J.U.

Checked by
MS/JC

Project No.
43045

Scale
AS NOTED

Date
10-08-24

THE IA GROUP
Interior Architecture & Engineering
40 LONG ALLEY
SARATOGA SPRINGS, NY 12866

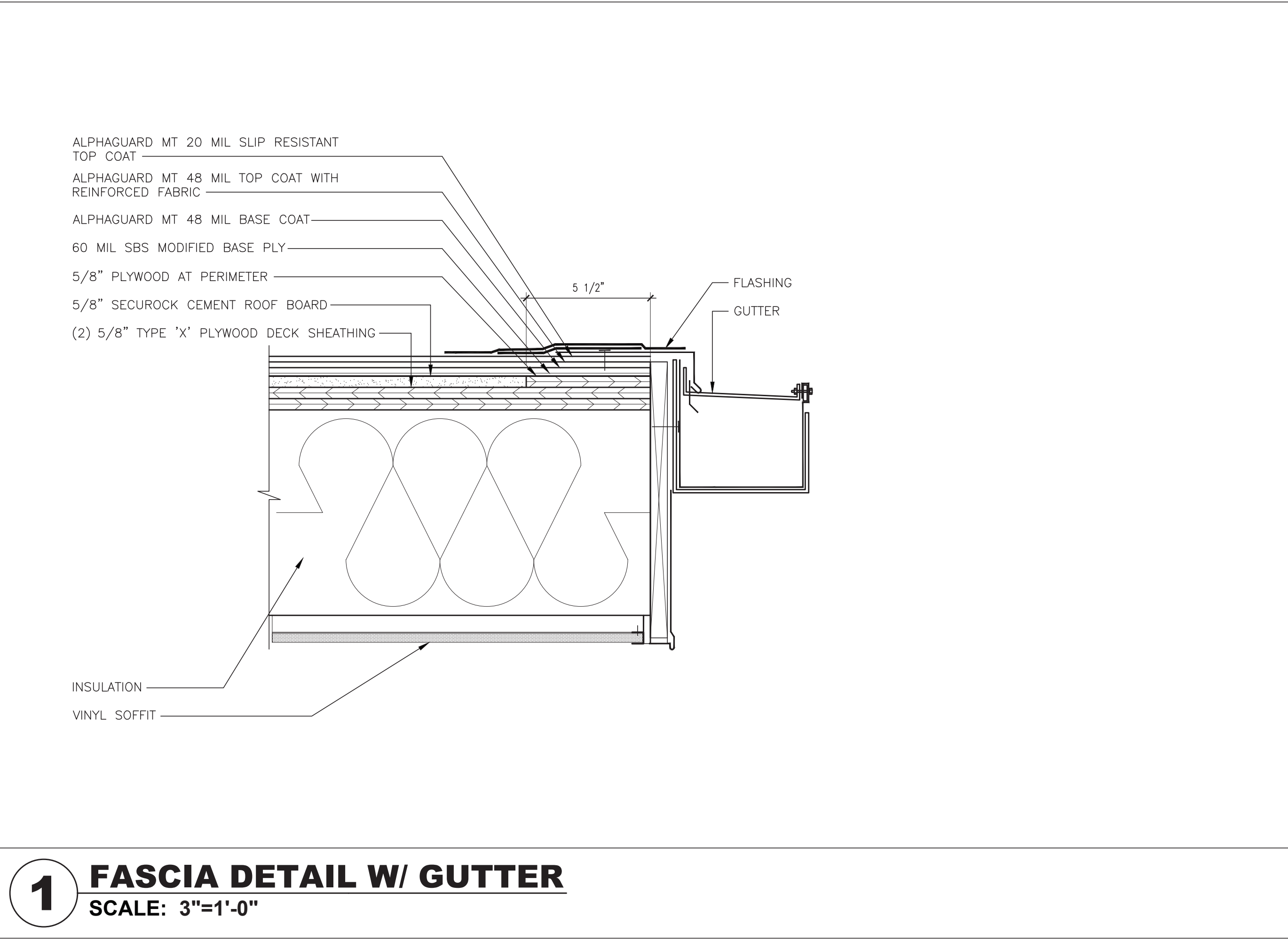
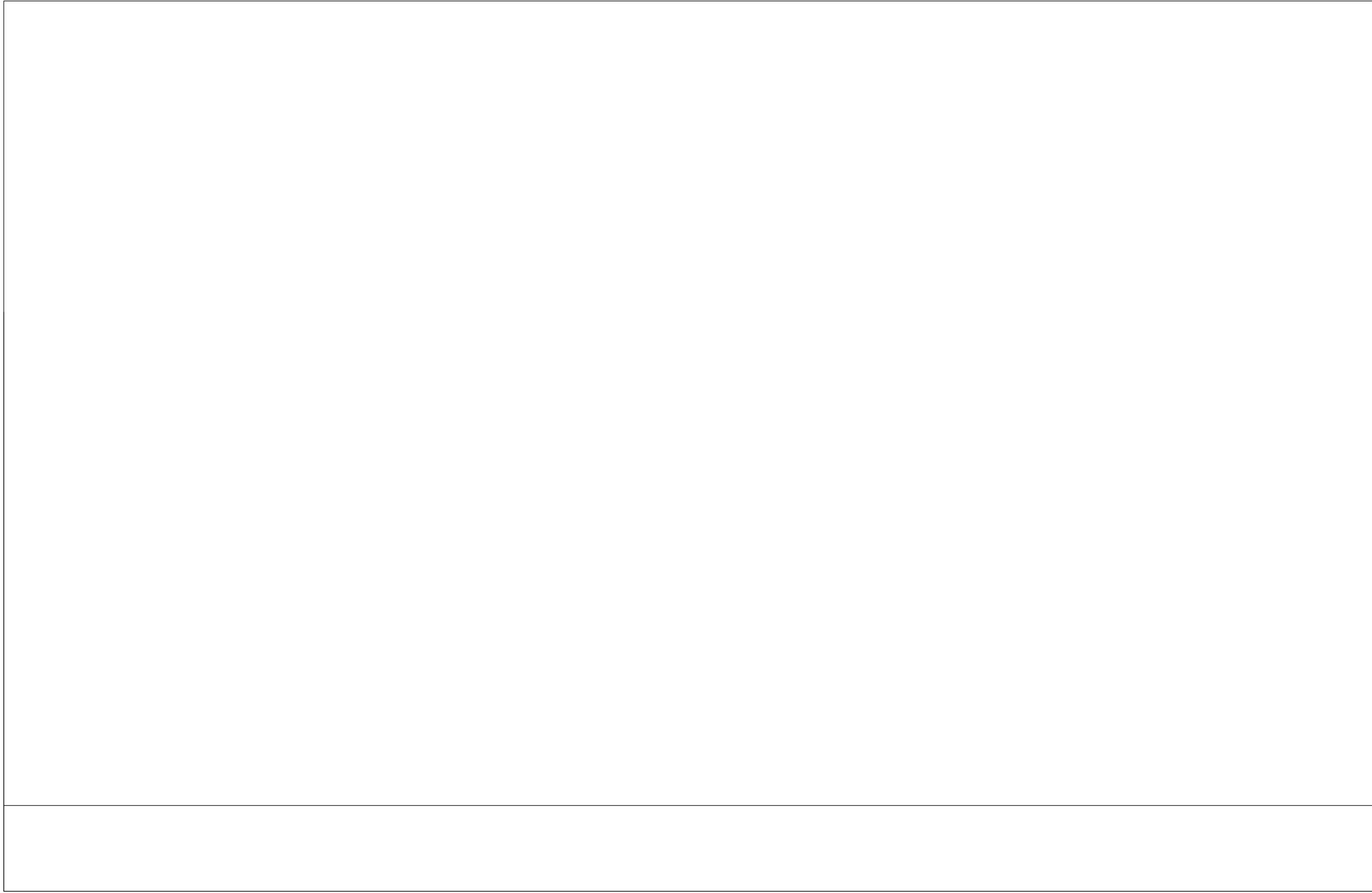
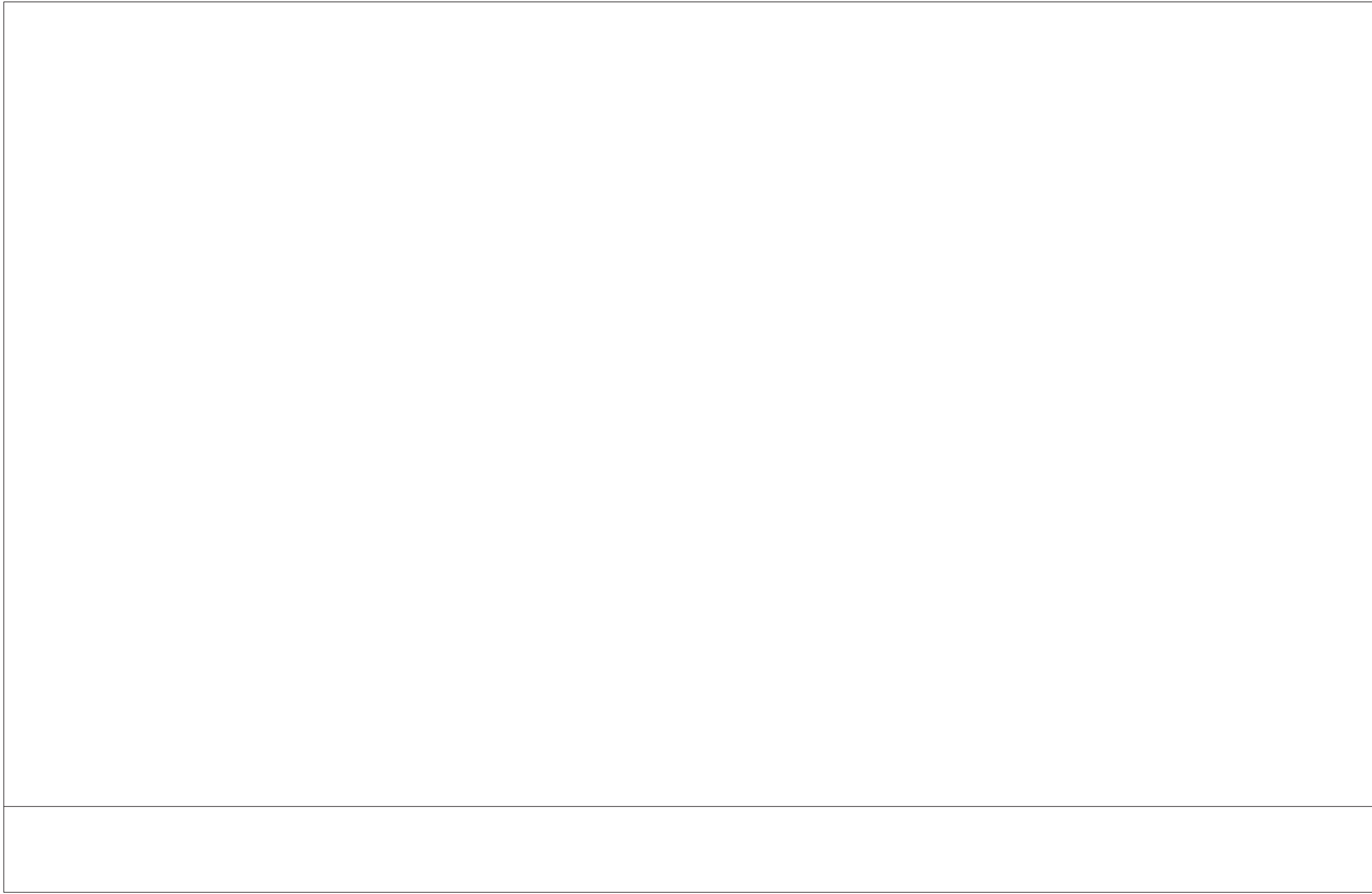
GREENMAN PEDERSEN, INC.
STRUCTURAL ENGINEERS
SUITE 202, 807BAY, NY 10901

LANDSCAPE ARCHITECT & CIVIL ENGINEER

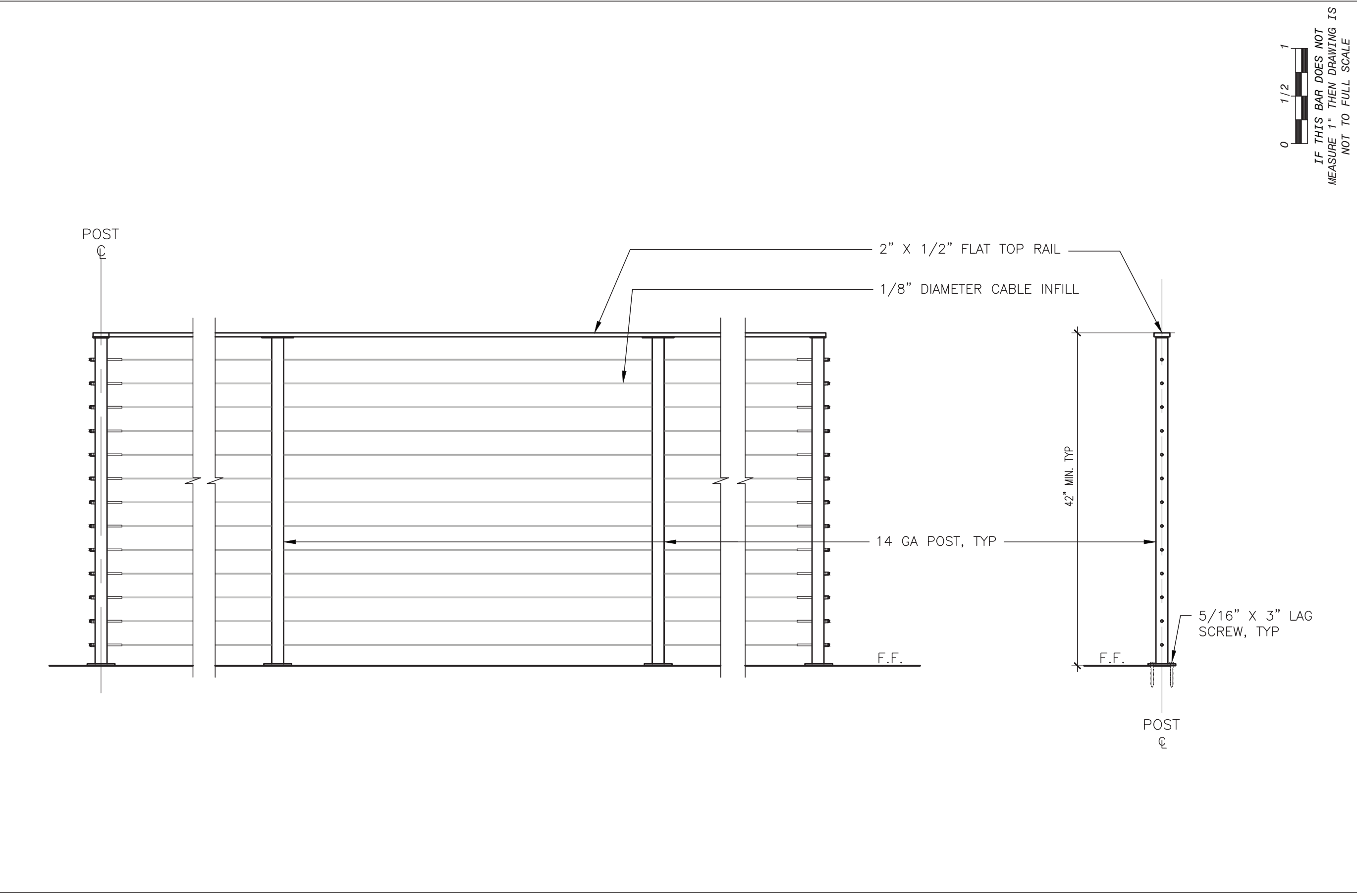
STRUCTURAL & PNE ENGINEER

NORTH ROCKLAND HIGH SCHOOL FIELDS - PHASE 2 & HVAC UPGRADES
HIGH SCHOOL SD# 90-02-01-06-00-008
PRESS BOX - SUFFRALL SD# 90-02-01-06-7-000-001
PRESS BOX - BASEBALL SD# 90-02-01-06-7-001-001
TOWN OF ROCKLAND
COUNTY OF ROCKLAND

MICHAEL SHIALE ARCHITECTS, L.L.P.
140 Park Avenue New City, NY 10956 Tel 845-708-9200
www.shiales.com



1 FASCIA DETAIL W/ GUTTER
SCALE: 3"=1'-0"



2 RAILING DETAIL
SCALE: 1"=1'-0"

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Drawing Title

ROOF DETAILS



NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 &
HVAC UPGRADES

HIGH SCHOOL: SD# 90-02-01-00-0-016-038
PRESS BOX - SFTBLU: SD# 90-02-01-00-7-000-001
PRESS BOX - BUSERBLU: SD# 90-02-01-00-7-000-001

108 Hammond Rd.
Tlulda, NY 10684
TOWN OF HAVERSTRAW
COUNTY OF ROCKLAND

Drawing No.

A-504

THE IA GROUP
LANDSCAPE ARCHITECTURE &
ENGINEERING
1000 ROUTE 92
SUITE 200, SUDBURY, NY 12856

Drawn by JJ

Checked by MS/JC

Project No. 43045

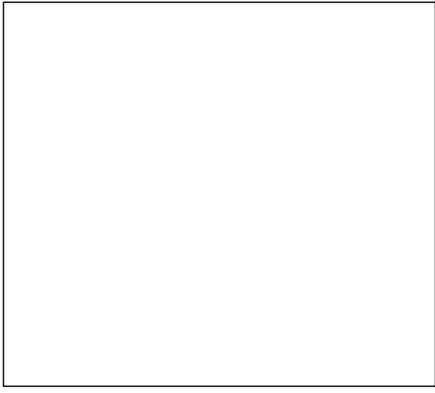
Scale AS NOTED

Date 10-08-24

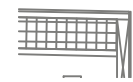
GREENMAN
PEDERSEN, INC
2 EXECUTIVE BOULEVARD,
SUITE 202, SUDBURY, NY 10601

Structural &
ME
Engineer:

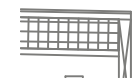
Landscaped
Architect &
Engineer:



No.	Date	Revisions
2	10-23-24	BIDDING ADDENDUM 1
1	10-03-24	BIDDING DOCUMENTS



1



2

1 INSTALL BOTH CONDENSERS AND AIR HANDLING UNITS AS PER MANUFACTURERS DIRECTIONS

1 FURNISH AND INSTALL NEW INDOOR AC/HEAT PUMP UNIT, MOUNT 71" ABOVE FINISHED FLOOR. SEE SPLIT SYSTEM SCHEDULE ON DRAWING M-102.

2 FURNISH AND INSTALL OUTDOOR CONDENSER UNIT. MOUNT TO WALL, SEE SPLIT SYSTEM SCHEDULE ON DRAWING M-102.

3 FURNISH AND INSTALL NEW STAND-ALONE OEM THERMOSTAT CONTROLS, MOUNT 60" ABOVE FINISHED FLOOR, COORDINATE MOUNTING HEIGHT WITH ARCHITECT.



--

Landscape Architect & Civil Engineer:	<p>THE LA GROUP LANDSCAPE ARCHITECTURE & ENGINEERING 40 LONG ALEET, SARATOGA SPRINGS, NY 12060</p>
Structural & PME Engineer:	<p>GREENMAN PEDERSEN, INC 2 EXECUTIVE BOULEVARD, SUITE 202, SUFFERN, NY 10901</p>

**NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 &
HVAC UPGRADES**

HIGH SCHOOL: SD# 01-02-01-06-0-0-0-08
PRESS BOX - SOFTBALL: SD# 01-02-01-06-7-00-001
PRESS BOX - BASEBALL: SD# 01-02-01-06-7-00-001

100 Hammond Rd.
Thetford, VT 10984

TOWN OF HAVESWORTH
COUNTY OF ROCKLAND



MICHAEL SHILALE ARCHITECTS, L.L.P.
140 Park Avenue New City, NY 10956 Tel 845-708-9200
www.hsaibc.com

Drawing Title
MECHANICAL
PRESSBOX INSTALL - 1



3



4

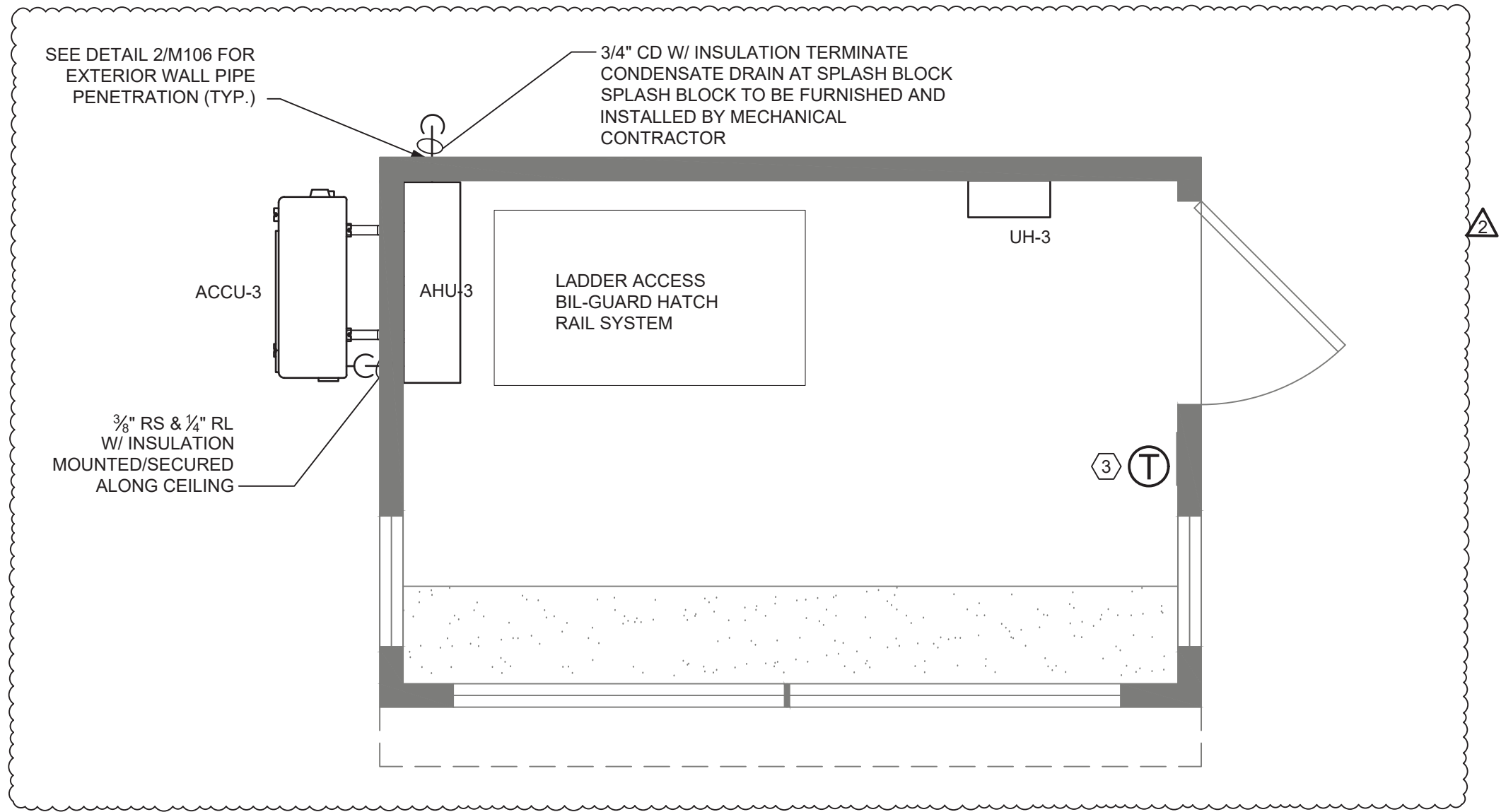
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Drawing Title

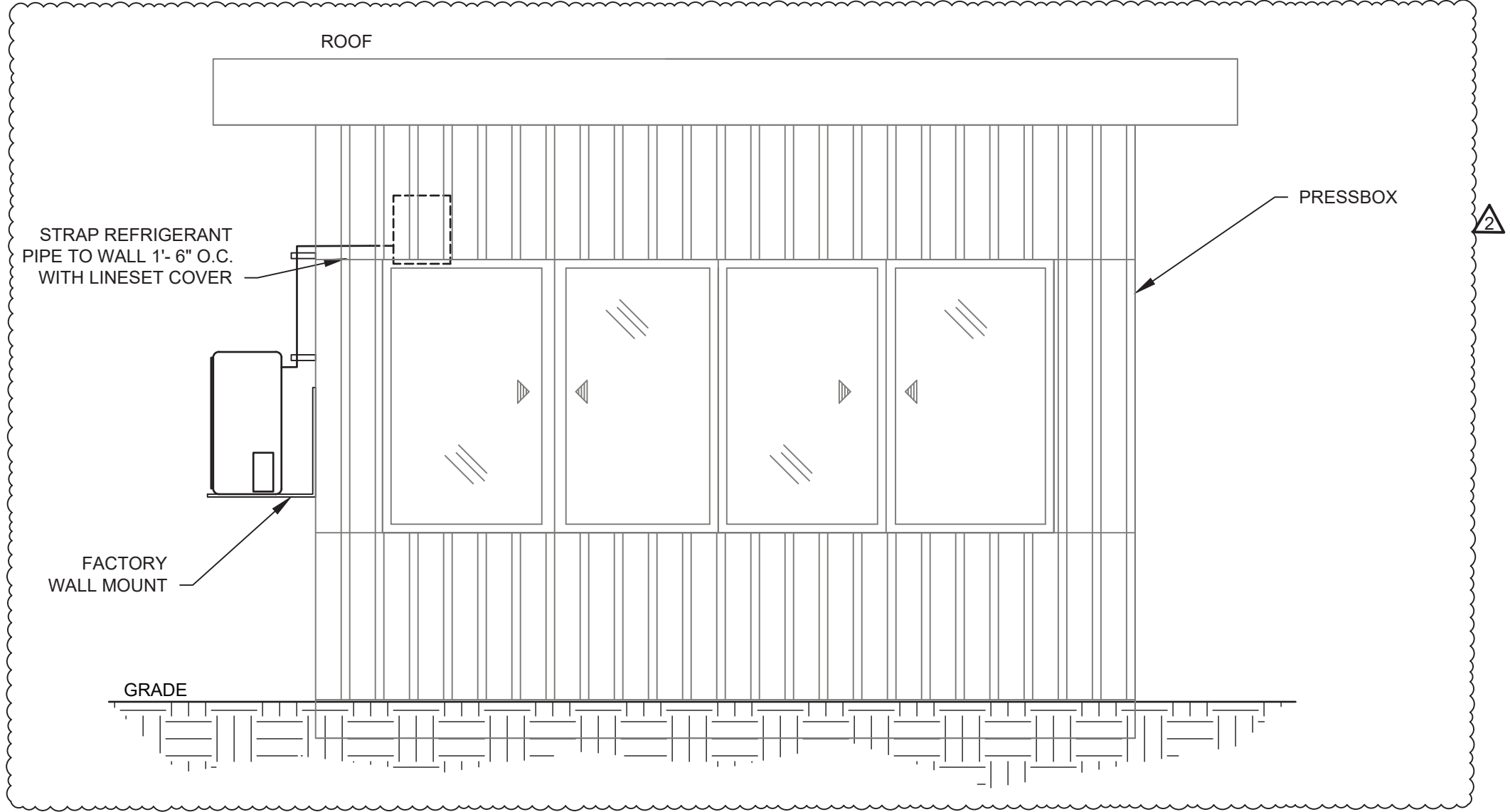
Drawing Title
MECHANICAL
PRESSBOX INSTALL - 1

Drawing No.

M-102



2 FIELD HOCKEY PRESSBOX PLAN - MECHANICAL
SCALE: 1/2" = 1'- 0"



1 FIELD HOCKEY PRESSBOX - ELEVATION
SCALE: 1/2" = 1'- 0"

0 1/2 1
IF THIS BAR DOES NOT
MEASURE 1" THEN DRAWING IS
NOT TO FULL SCALE

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Drawing Title
**MECHANICAL
PRESSBOX INSTALL - 2**

Drawing No.

M-103



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140 Park Avenue New City, NY 10956 Tel 845-708-9200
www.shilale.com

**NORTH ROCKLAND
HIGH SCHOOL
FIELDS - PHASE 2 &
HVAC UPGRADES**

HIGH SCHOOL SD# 50-02-01-05-0-016-008
PRESS BOX - SUFFALL SD# 50-05-01-05-7-00-001
PRESS BOX - BUSENALL SD# 50-05-01-05-7-01-001

140 PARK AVENUE
NEW CITY, NY 10956

TOWN OF ROCKLAND
COUNTY OF ROCKLAND

Landscaper
Architect &
Civil
Engineer:

THE LA GROUP
LANDSCAPE ARCHITECTURE &
ENGINEERING
100 WEST STREET
SAUGATUCK, NY 12846

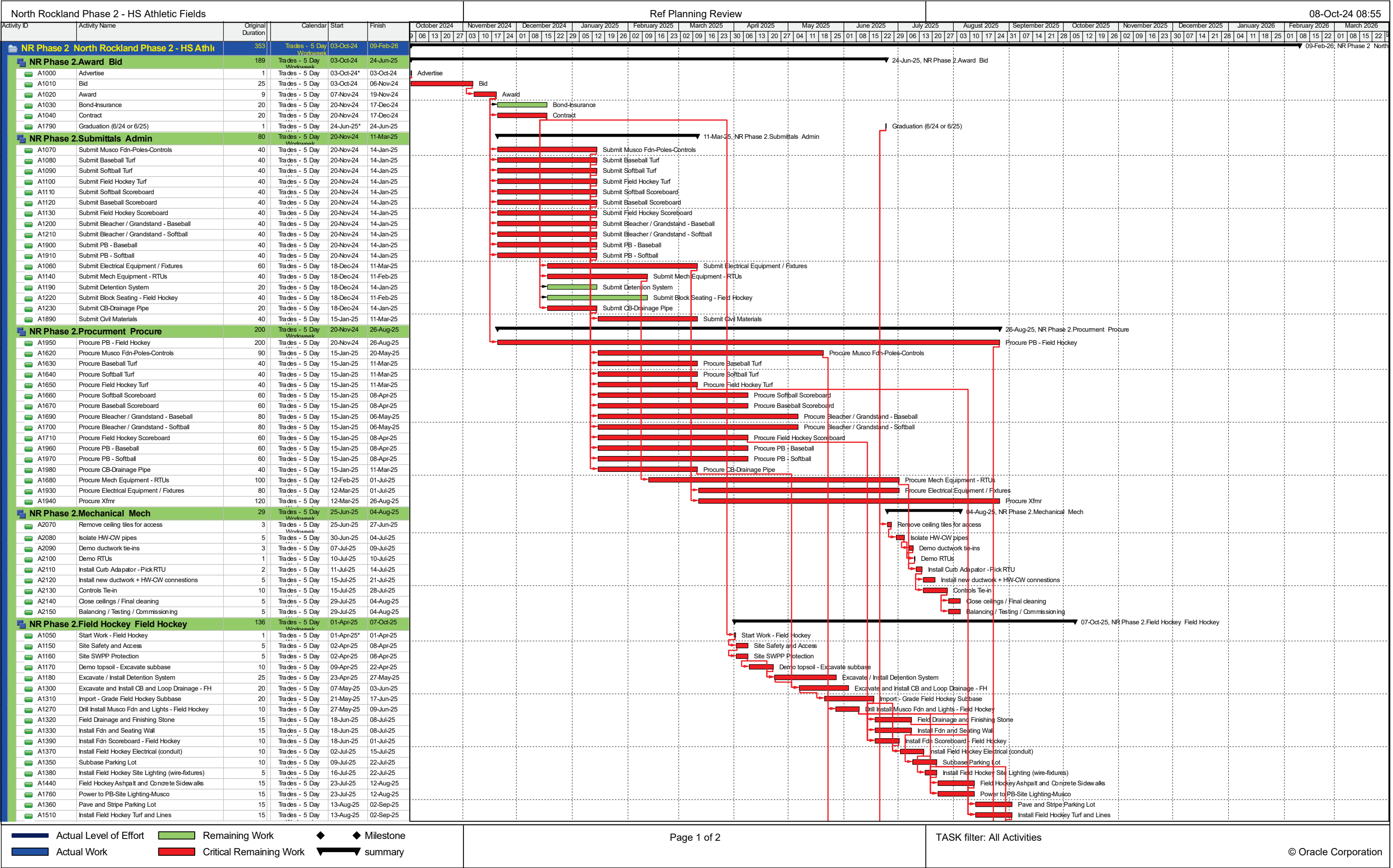
Structural &
PVE
Engineer:

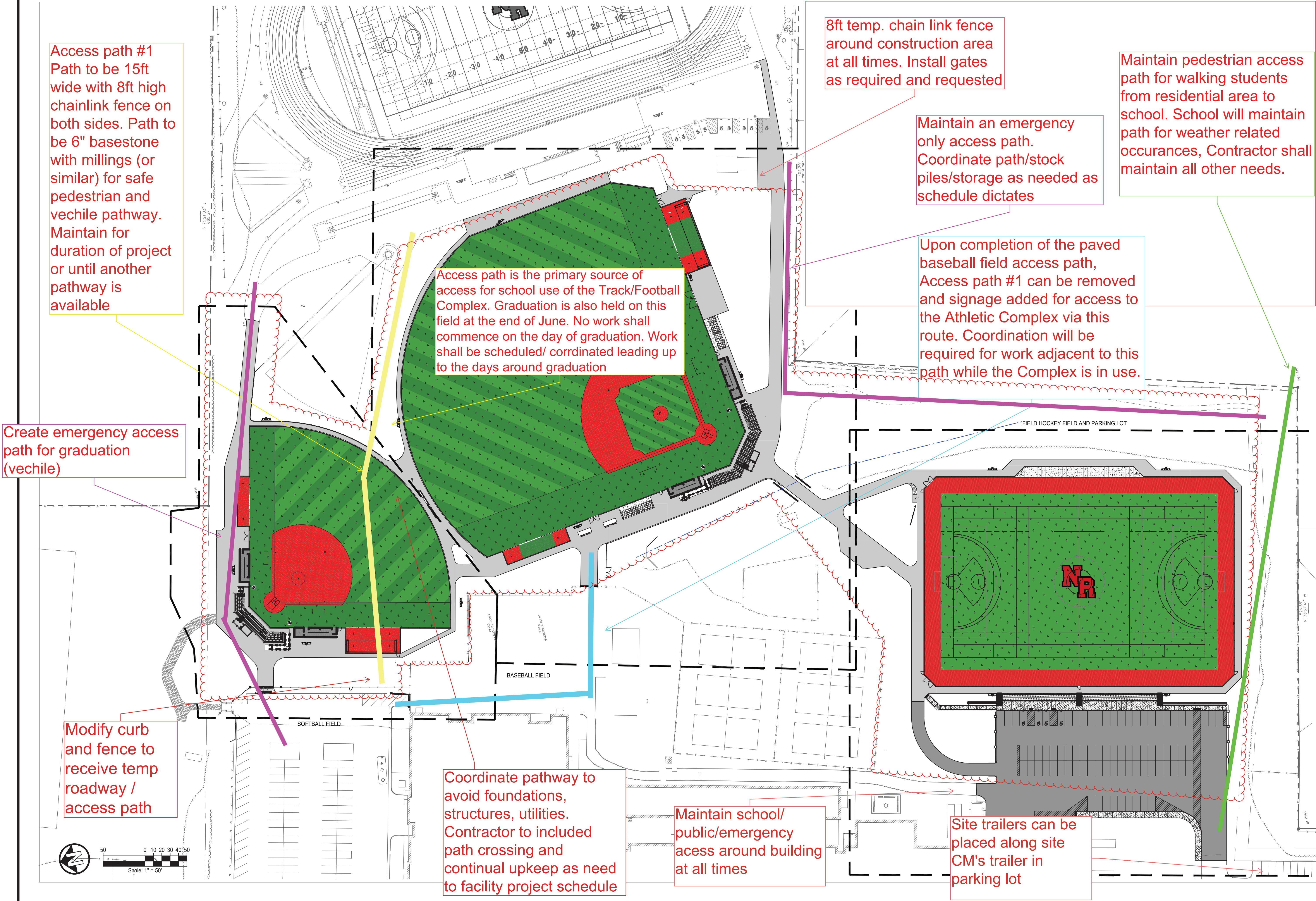
**GREENMAN
PEDERSEN, INC**
2 KENNY BOULEVARD,
SUITE 202, SUFFERN, NY 10901

Drawn by
Checked by
Project No. 43045
Scale AS NOTED
Date 10/03/24



No.	Date	Revisions
2	10/03/24	REV1 BIDDING DOCUMENTS
1	09/17/24	BIDDING DOCUMENTS





IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY.

Drawn by: KMK
Checked by: JFK
Project No.: 43045
Scale: AS NOTED
Date: 10/30/2023
EXPIRATION: 01/31/2027

The LA GROUP
Landscape Architecture & Engineering, Inc.
Landscape Architect & Engineer

North Rockland High School Fields - Phase 2 & HVAC Upgrades
HIGH SCHOOL: SD# 50-02-01-06-0-016-006
PRESS BOX - SOFTBALL: SD# 50-02-01-06-7-000-001
PRESS BOX - BASEBALL: SD# 50-02-01-06-7-001-001
108 Ramapo Rd.
Thiells, NY 10984
TOWN OF HAVERTOWN
COUNTY OF ROCKLAND

MSA
MICHAEL SHILALE ARCHITECTS, L.L.P.
140 Park Avenue New York, NY 10016 Tel: 945-7064920
www.shilale.com

SITE KEY PLAN

Drawing No. **C-100** of X