



GENERAL NOTES

- 1. THESE PLANS ARE SOLELY BASED ON INFORMATION THE OWNER AND OTHERS PROVIDED TO BOHLER, LLC... 2. THE CONTRACTOR MUST STRICTLY COMPLY WITH THESE NOTES AND ALL SPECIFICATIONS... 3. THE LATEST EDITION OF THE DOCUMENTS AND/OR REVISIONS REFERENCED WITHIN THE PLAN REFERENCES ARE BEING USED FOR CONSTRUCTION...

SITE LAYOUT NOTES

- 1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS... 2. PRIOR TO THE COMMENCEMENT OF GENERAL CONSTRUCTION, THE CONTRACTOR MUST INSTALL SOIL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES NECESSARY...

DEMOLITION NOTES

- 1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS... 2. THE CONTRACTOR MUST CONDUCT DEMOLITION/REMOVALS ACTIVITIES IN SUCH A MANNER AS TO ENSURE MINIMUM INTERFERENCE WITH ADJACENT UTILITIES AND STRUCTURES...

OUTSIDE SOURCE NOTES

- 1. ANY INFORMATION, DRAWINGS, DATA, PLANS, SPECIFICATIONS, MATERIALS, FIGURES, DOCUMENTATION, REPORTS, AND THE LIKE WHICH IS INDICATED TO HAVE BEEN PREPARED BY OTHERS... 2. THE CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS WHICH INDICATES THE LOCATION OF EXISTING UTILITIES THAT ARE CAPTURED, ABANDONED IN PLACE, OR RELOCATED DUE TO DEMOLITION ACTIVITIES...

GRADING NOTES

- 1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS... 2. SET GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS 2 SET FORTH IN THE GEOTECHNICAL REPORT AS REFERENCED IN THIS PLAN SET...

DRAINAGE AND UTILITY NOTES

- 1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS... 2. LOCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE, AND THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM THOSE LOCATIONS AND SERVICES WITH LOCAL UTILITIES AND COMPETENT PROFESSIONALS...

SOIL EROSION & SEDIMENT CONTROL PLAN NOTES

- 1. THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS... 2. THE CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL MEASURES IF ENGINEER OR JURISDICTIONAL AGENCY SO REQUIRES TO PREVENT THE DISCHARGE OF EXCESSIVE SEDIMENT...

ACCESSIBILITY DESIGN GUIDELINES

- 1. ALL ACCESSIBLE (A.K.A. ADA) COMPONENTS AND ACCESSIBLE ROUTES MUST BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF: (A) THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 11912 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.)... 2. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36-INCHES MINIMUM WIDTH (48-INCHES PREFERRED), OR AS EXCEEDED BY THE GOVERNING AGENCY...

ABOVE GROUND DETENTION BASIN MAINTENANCE NOTES

- 1. STORM WATER MANAGEMENT FACILITIES SHALL BE REGULARLY MAINTAINED TO INSURE THEY FUNCTION AT DESIGN CAPACITY AND TO PREVENT HEALTH AND SAFETY ASSOCIATED WITH DEBRIS BUILDUP AND STAGNANT WATER... 2. RESPONSIBILITY FOR OPERATION AND MAINTENANCE OF STORM WATER FACILITIES, INCLUDING PERIODIC REMOVAL AND DISPOSAL OF ACCUMULATED PARTICULATE MATERIAL AND DEBRIS...

REVISIONS

Table with columns: REV, DATE, COMMENT. Row 1: 1, 09/19/2025, PER REV VILLAGE COMMENTS.

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PROJECT No.: NJD240053-00-1A
DRAWN BY: JGR/NDRC
CHECKED BY: GEC/MB
DESIGNED BY: GEC/MB
CAD FILE: P-CIVIL-DWG

PRELIMINARY AND FINAL MAJOR SITE PLAN FOR WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY

PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS
BLOCK 2404, LOT 3 & BLOCK 2403, LOT 17.01
6 SOUTH MONROE STREET
VILLAGE OF RIDGEWOOD
BERGEN COUNTY, NEW JERSEY

BOHLER

30 GARBER SQUARE
RIDGEWOOD, NJ 07450
PHONE: (551) 307-1400

www.BohlerEngineering.com
NJ CERT. OF AUTHORIZATION NO. 246A2818700 & M000122

B.S. CROWDER

PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 52263
PENNSYLVANIA LICENSE NO. 088764
NEW YORK LICENSE NO. 100802

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C-102

Vertical banner for Bohler Engineering services: SITE CIVIL AND CONSULTING ENGINEERING, PROGRAM MANAGEMENT, LANDSCAPE ARCHITECTURE, SUSTAINABLE DESIGN, PERMITTING SERVICES, TRANSPORTATION SERVICES.

Vertical banner for Revisions: REV, DATE, COMMENT. Row 1: 1, 09/19/2025, PER REV VILLAGE COMMENTS.

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C-102







**ZONING TABLE**

ZONE: R-110 (SINGLE FAMILY RESIDENCE) DISTRICT  
 USE: HOUSE OF WORSHIP  
 BLOCK 2403, 2404, LOTS 17.01 & 3

**OWNER INFORMATION**

PROPERTY OWNER: WEST SIDE PRESBYTERIAN CHURCH  
 6 S MONROE STREET  
 RIDGEWOOD, NJ 07450

**BULK REQUIREMENTS**

ITEM	CODE	PERMITTED	EXISTING	PROPOSED
MIN LOT AREA	§ 190-123B.	43,560 SF (1.00 AC)	244,549 SF (5.614 AC)	NO CHANGE
MIN LOT WIDTH	§ 190-123B.	PRINCIPAL BUILDING: 150.0' ACCESSORY PARKING LOTS: 120.0'	PRINCIPAL BUILDING LOT 3: 253.7' PRINCIPAL BUILDING LOT 17.01: 271.5' ACCESSORY PARKING LOTS: 271.5'	NO CHANGE
MIN LOT DEPTH	§ 190-123B.	200.0'	LOT 3: 244.8' LOT 17.01: 397.7'	NO CHANGE
MIN YARD SETBACKS				
FRONT YARD	§ 190-123B.	PRINCIPAL BUILDING: 40' PARKING AREAS & DRIVEWAYS: 40' OUTDOOR USE AREA: 40'	PRINCIPAL BUILDING LOT 3: 25.0' (E) PRINCIPAL BUILDING LOT 17.01: 46.0' (E) PARKING AREAS & DRIVEWAYS: 0.1' (E) OUTDOOR USE AREA: 493.4'	PRINCIPAL BUILDING LOT 3: 25.0' (E) PRINCIPAL BUILDING LOT 17.01: 46.0' (E) PARKING AREAS & DRIVEWAYS: 0.1' (E) OUTDOOR USE AREA: 493.4'
SIDE YARD	§ 190-123B.	PRINCIPAL BUILDING: 50' PARKING AREAS & DRIVEWAYS: 15' OUTDOOR USE AREA: 25'	PRINCIPAL BUILDING LOT 3: N/A PRINCIPAL BUILDING LOT 17.01: 46.8' (E) PARKING AREAS & DRIVEWAYS: 9.6' (E) OUTDOOR USE AREA: 111.1'	PRINCIPAL BUILDING LOT 3: N/A PRINCIPAL BUILDING LOT 17.01: 46.7' (V) PARKING AREAS & DRIVEWAYS: 9.6' (E) OUTDOOR USE AREA: 127.2'
REAR YARD	§ 190-123B.	PRINCIPAL BUILDING: 50' PARKING AREAS & DRIVEWAYS: 15' OUTDOOR USE AREA: 25'	PRINCIPAL BUILDING LOT 3: 28.5' (E) PRINCIPAL BUILDING LOT 17.01: 44.2' (E) PARKING AREAS & DRIVEWAYS: 136.7' OUTDOOR USE AREA: 7.9' (E)	PRINCIPAL BUILDING LOT 3: 28.5' (E) PRINCIPAL BUILDING LOT 17.01: 44.2' (E) PARKING AREAS & DRIVEWAYS: 148.0' OUTDOOR USE AREA: 8.5' (V)
MAX FLOOR AREA RATIO	§ 190-123B.	15.0% (36,682 SF)	19.1% (46,603 SF) (E)	19.4% (47,316 SF) (V)
MAX COVERAGE BY ABOVE-GRADE STRUCTURES	§ 190-123B.	20% (48,910 SF)	10.9% (26,726 SF)	12.4% (30,479 SF)
MAX IMPROVEMENT COVERAGE	§ 190-123B.	65% (158,957 SF)	52.8% (129,236 SF)	54.2% (132,628 SF)
MAX BUILDING HEIGHT	§ 190-123B.	45'	±50' (E)	NO CHANGE (E)

KEY = (E) EXISTING NON-CONFORMITY (V) VARIANCE REQUIRED

**PARKING REQUIREMENTS**

ITEM	CODE	PERMITTED	EXISTING	PROPOSED
MIN STALL SIZE	§ 190-90	9' X 18'	8.9' X 17.8' (E)	EXIST: 8.9' X 17.8' (E) PROP: 8.9' X 18', 8.9' X 20'
MIN AISLE WIDTH	§ 190-90	0' PARKING: 12' 90' PARKING: 24'	23.8' (E)	EXIST: NO CHANGE (E) PROP: 24'
MIN NUMBER OF STALLS	§ 190-90	207 SPACES <sup>1</sup>	214 SPACES	215 SPACES (C)
ADA PARKING		2010 ADA STANDARDS 7 SPACES <sup>2</sup>	8 SPACES	8 SPACES (C)

<sup>1</sup> REQUIRED PARKING CALCULATION:  
 PLACES OF WORSHIP: ONE (1) SPACE PER 75 SF G.F.A.  
 11,500 SF (ASSUMED) / 75 SF X 1 = 153.3 SPACES OR 154 SPACES REQUIRED  
 SCHOOL: ONE (1) SPACE / 4 ENROLLED STUDENTS  
 ±150 STUDENTS (ASSUMED) / 4 SPACES = 37.5 SPACES OR 38 SPACES REQUIRED  
 OFFICE: ONE (1) SPACE / 250 SF G.F.A.  
 3,530 SF (ASSUMED) / 250 SF = 14.1 SPACES OR 15 SPACES  
 TOTAL REQUIRED PARKING = 104 + 38 + 15 = 207 SPACES (REQUIRED PARKING CALCULATION MUST BE VERIFIED)  
 ADA PARKING CALCULATION: FOR 201-300 SPACES, 7 ADA SPACES ARE REQUIRED

KEY = (E) EXISTING NON-CONFORMITY (V) VARIANCE REQUIRED



**REVISIONS**

REV	DATE	COMMENT	CHECKED BY	DRAWN BY
1	09/19/2025	REV PER VILLAGE COMMENTS	KK	MD

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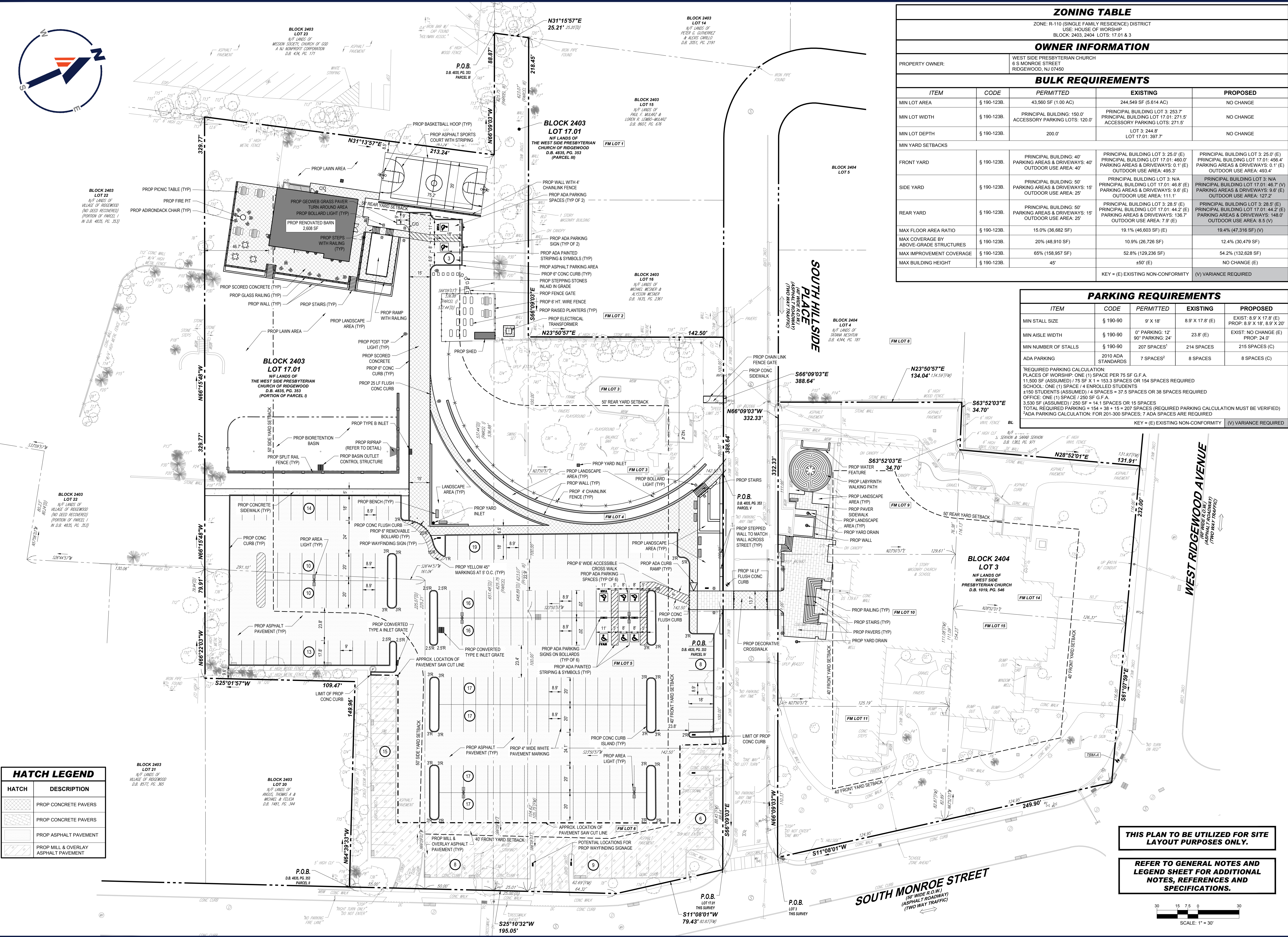
PROJECT No.: NJ024053-00-1A  
 DRAWN BY: JGR/NDK/KK  
 CHECKED BY: MD/BC  
 DATE: 08/20/2025  
 CAD ID: P-CIVL-SITE

**PRELIMINARY AND FINAL MAJOR SITE PLAN**  
 WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY  
 PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS  
 BLOCK 2404, LOT 3 & BLOCK 2403, LOT 17.01  
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 VILLAGE OF RIDGEWOOD  
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**BOHLER //**  
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**B.S. CROWDER**  
 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE NO. 52263  
 PENNSYLVANIA LICENSE NO. 086764  
 NEW YORK LICENSE NO. 100802

SHEET TITLE: **SITE PLAN**  
 SHEET NUMBER: **C-301**  
 REVISION 1 - 09/19/2025

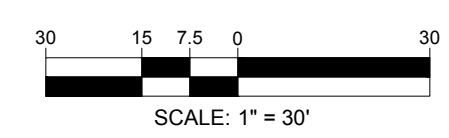


**HATCH LEGEND**

HATCH	DESCRIPTION
[Hatch pattern]	PROP CONCRETE PAVERS
[Hatch pattern]	PROP ASPHALT PAVEMENT
[Hatch pattern]	PROP MILL & OVERLAY ASPHALT PAVEMENT

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**REFER TO GENERAL NOTES AND LEGEND SHEET FOR ADDITIONAL NOTES, REFERENCES AND SPECIFICATIONS.**



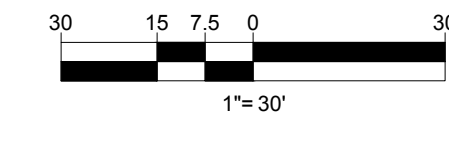
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SEE ADDITIONAL DRAINAGE NOTES ON DRAINAGE AND UTILITY PLAN

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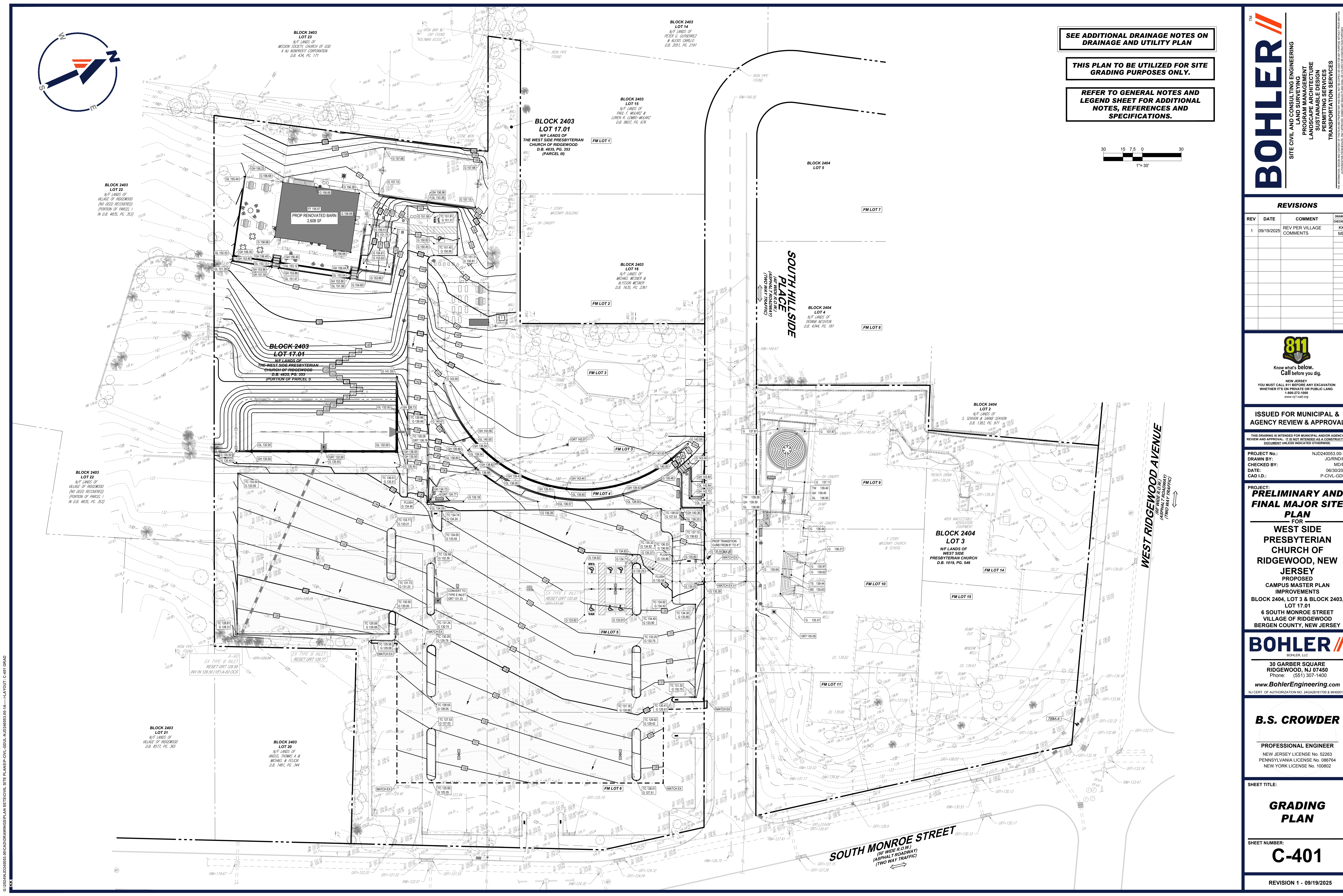
**B.S. CROWDER**  
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SHEET TITLE:

**GRADING PLAN**

SHEET NUMBER:  
**C-401**

REVISION 1 - 09/19/2025

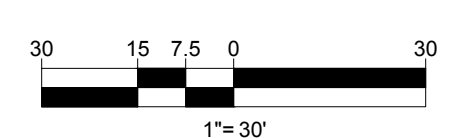


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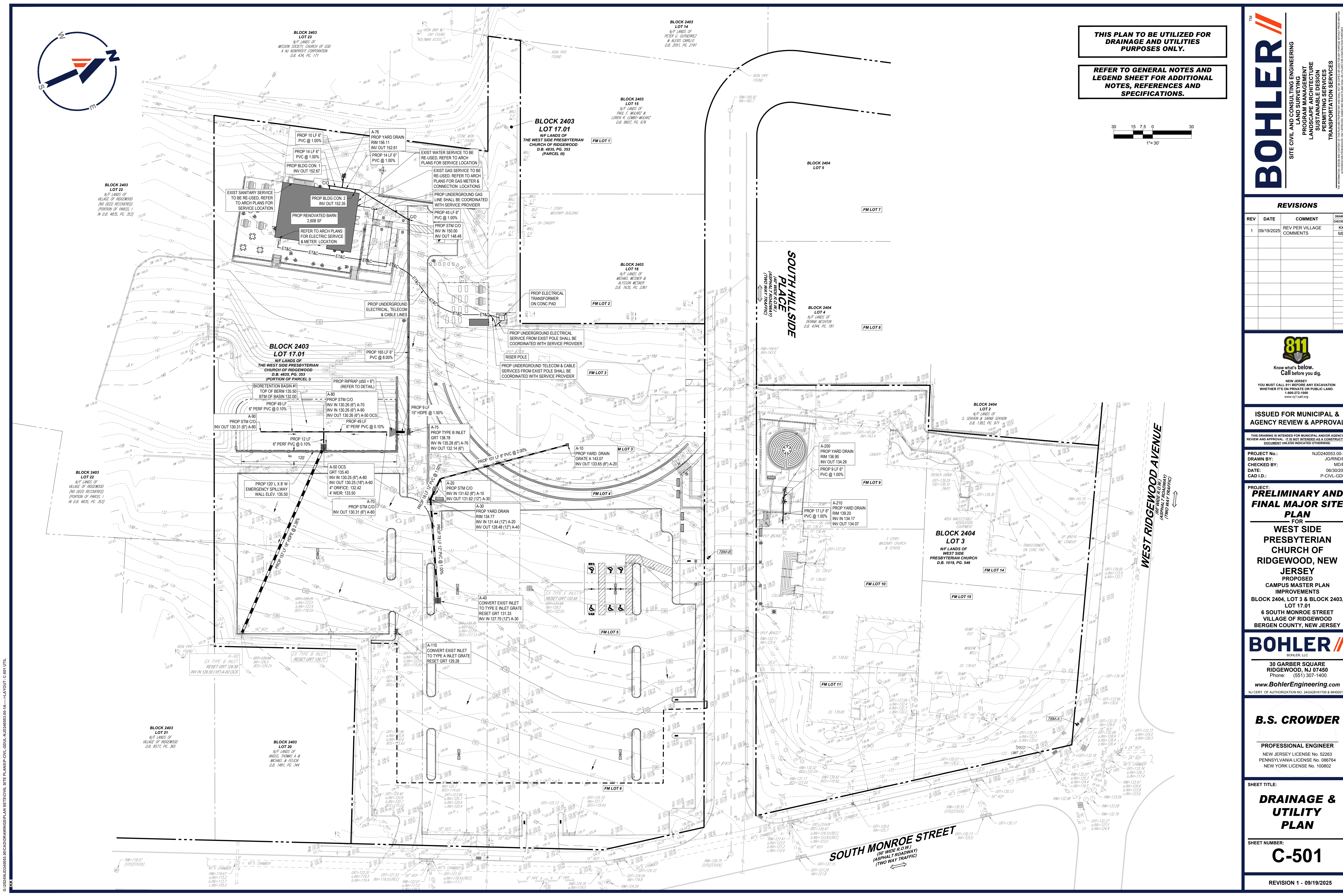
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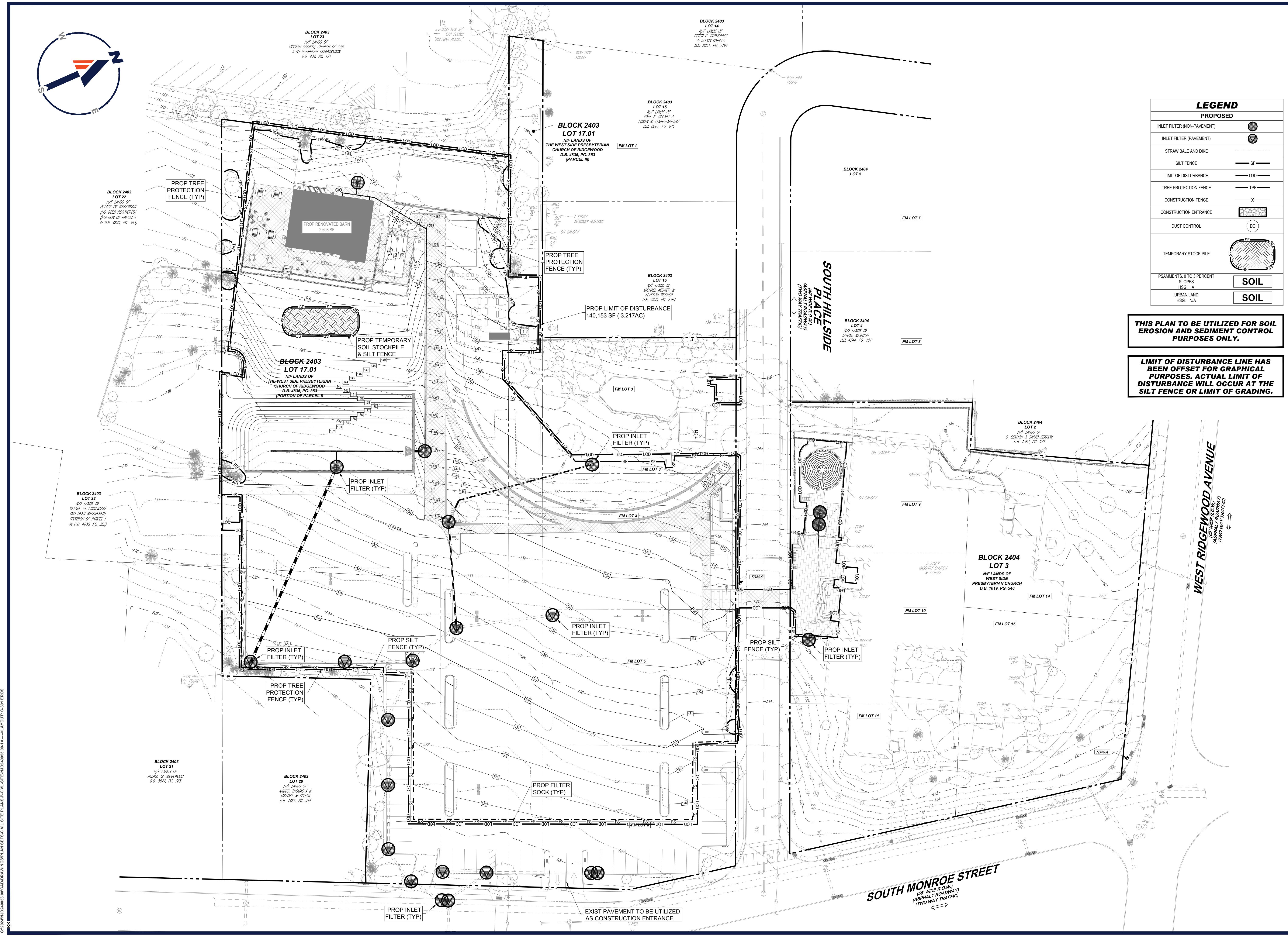
SHEET TITLE:  
**DRAINAGE & UTILITY PLAN**

SHEET NUMBER:  
**C-501**

REVISION 1 - 09/19/2025



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LEGEND	
PROPOSED	
INLET FILTER (NON-PAVEMENT)	
INLET FILTER (PAVEMENT)	
STRAW BALE AND DIKE	
SILT FENCE	
LIMIT OF DISTURBANCE	
TREE PROTECTION FENCE	
CONSTRUCTION FENCE	
CONSTRUCTION ENTRANCE	
DUST CONTROL	
TEMPORARY STOCK PILE	
PSAMMENTS, 0 TO 3 PERCENT SLOPES	
HSG: A	SOIL
URBAN LAND	
HSG: NA	SOIL

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**LIMIT OF DISTURBANCE LINE HAS BEEN OFFSET FOR GRAPHICAL PURPOSES. ACTUAL LIMIT OF DISTURBANCE WILL OCCUR AT THE SILT FENCE OR LIMIT OF GRADING.**

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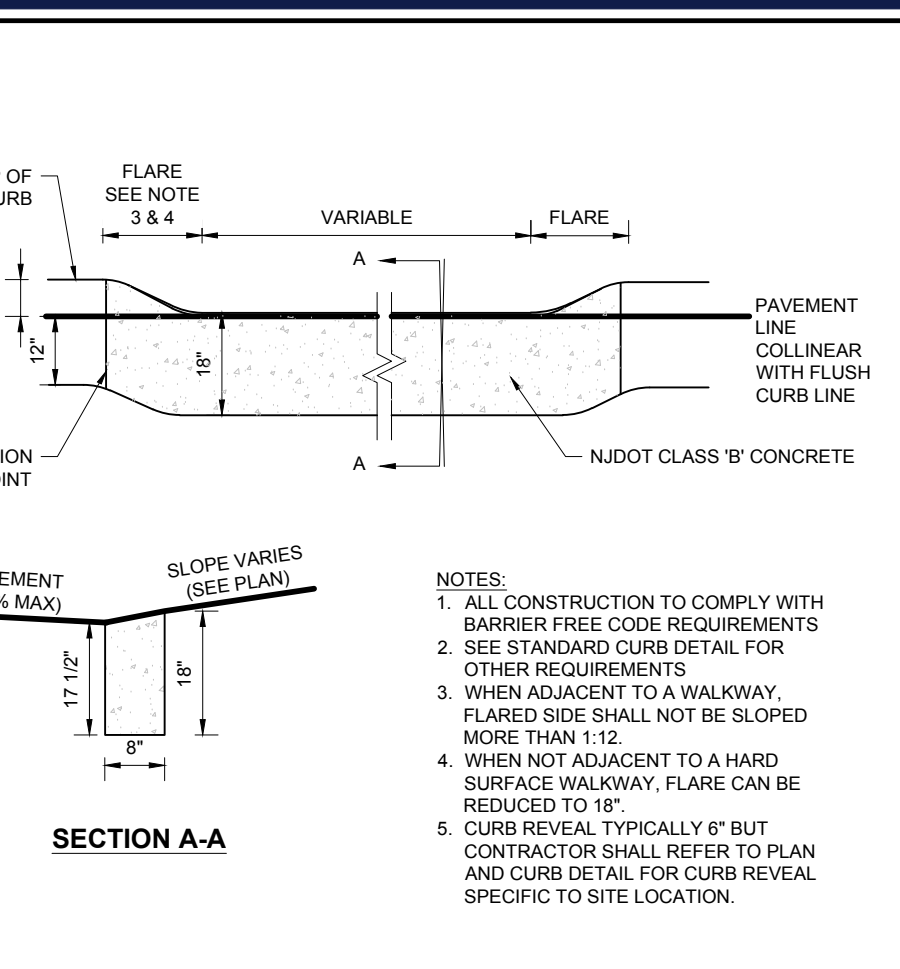
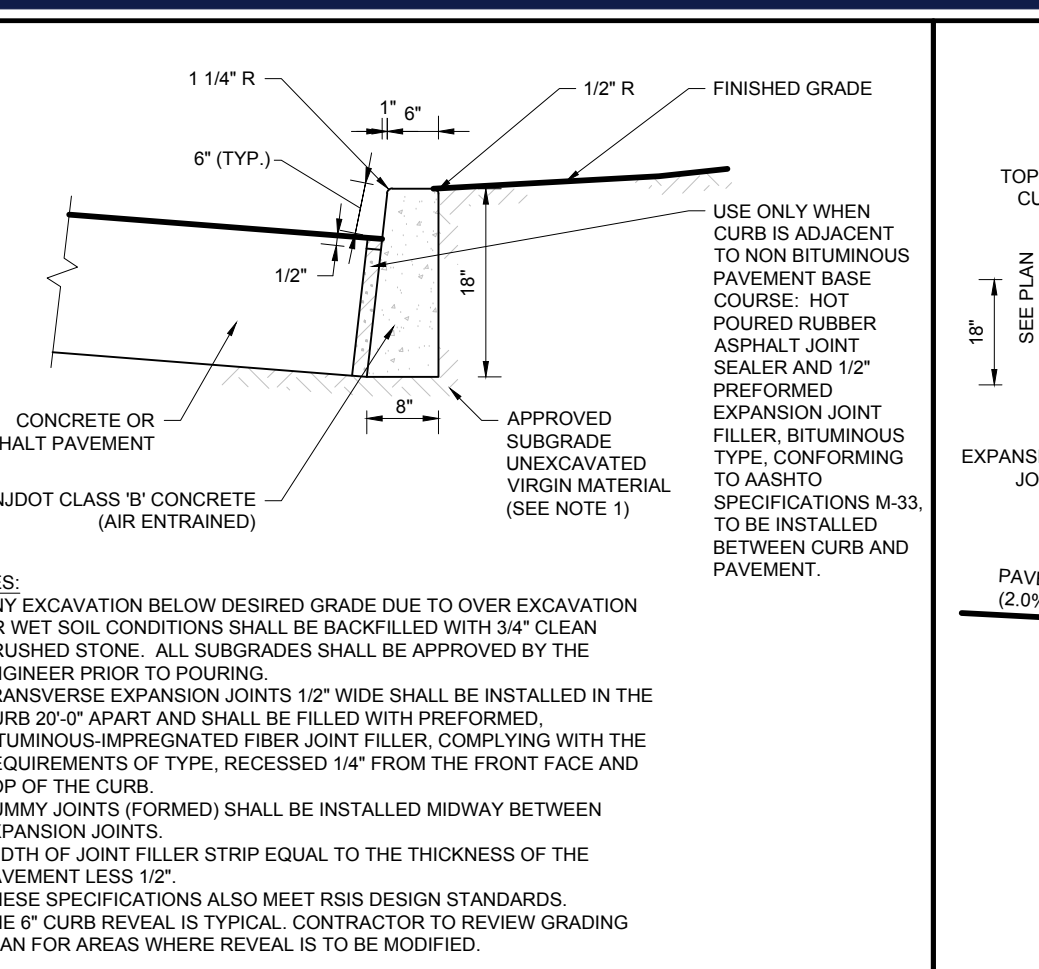
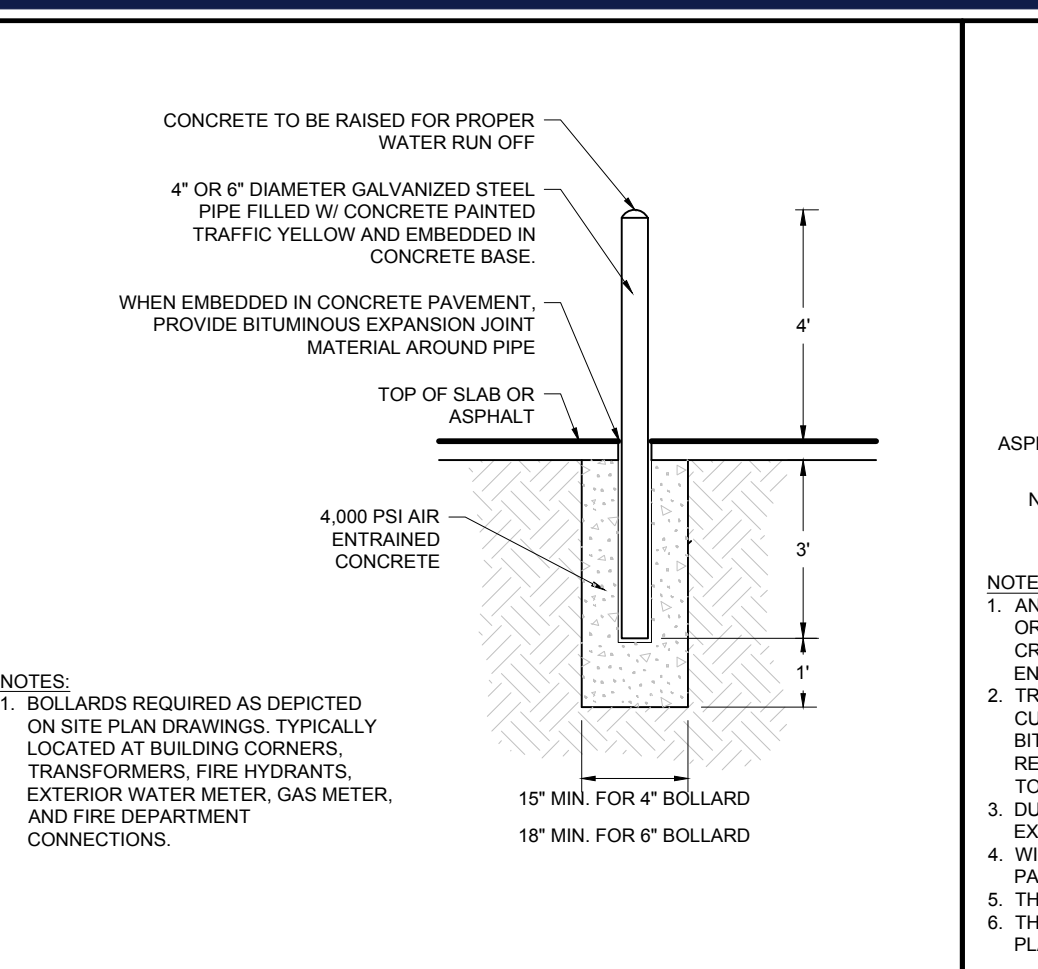
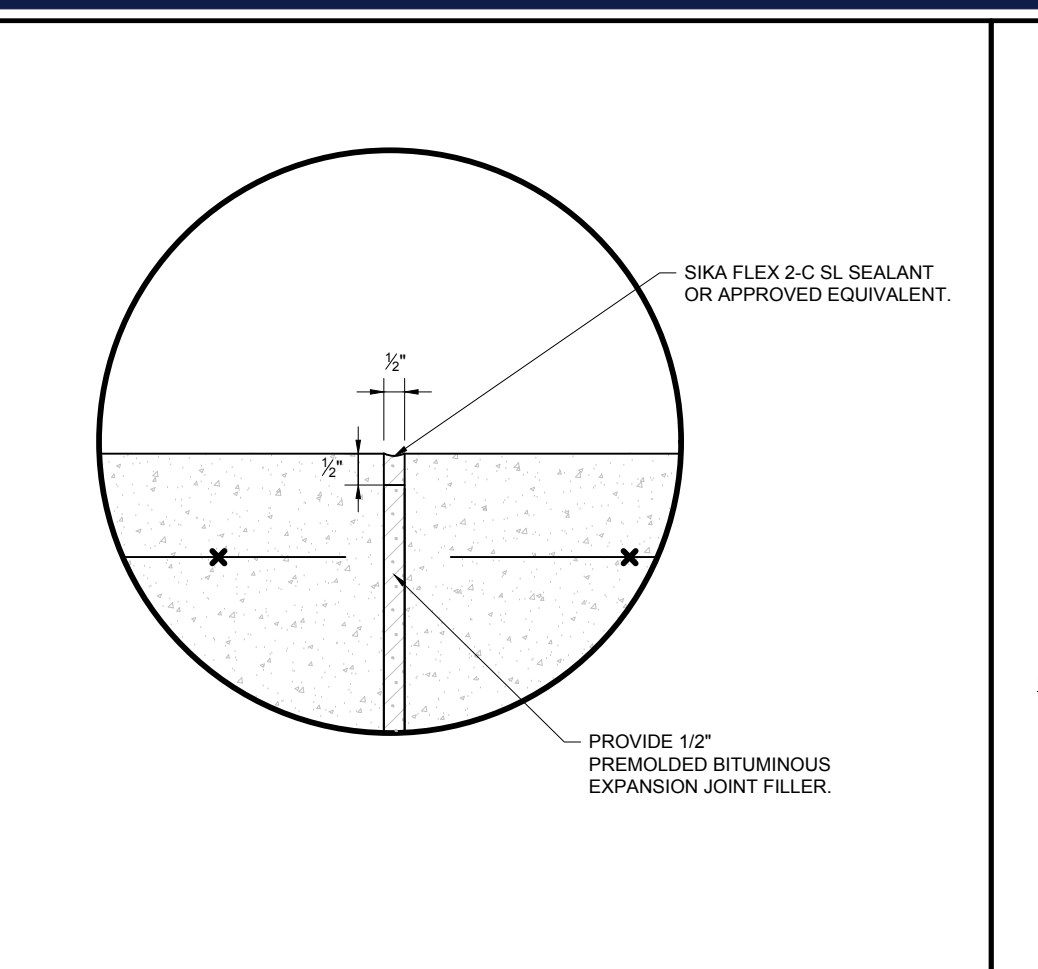
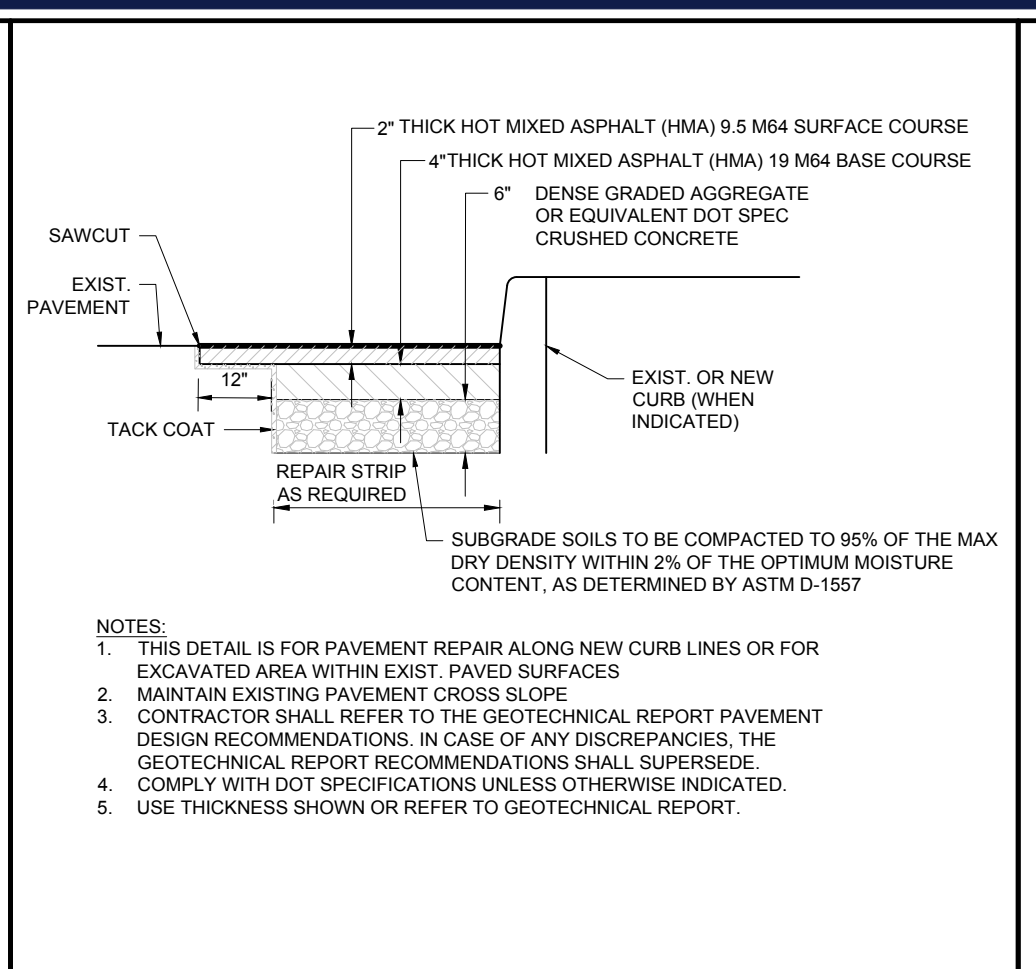
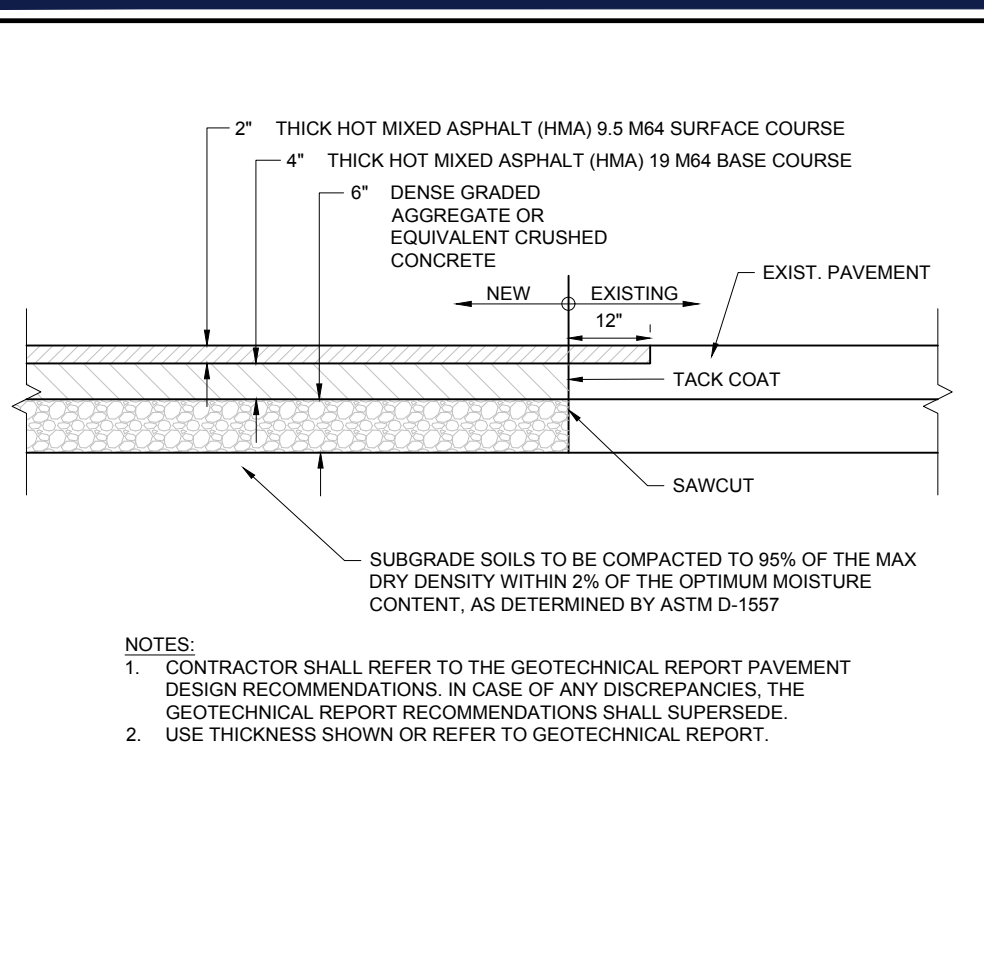
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**C-801**

REVISION 1 - 09/19/2025

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**1 STANDARD PAVING**  
NOT TO SCALE (NJ-S010101 - 02/2024)

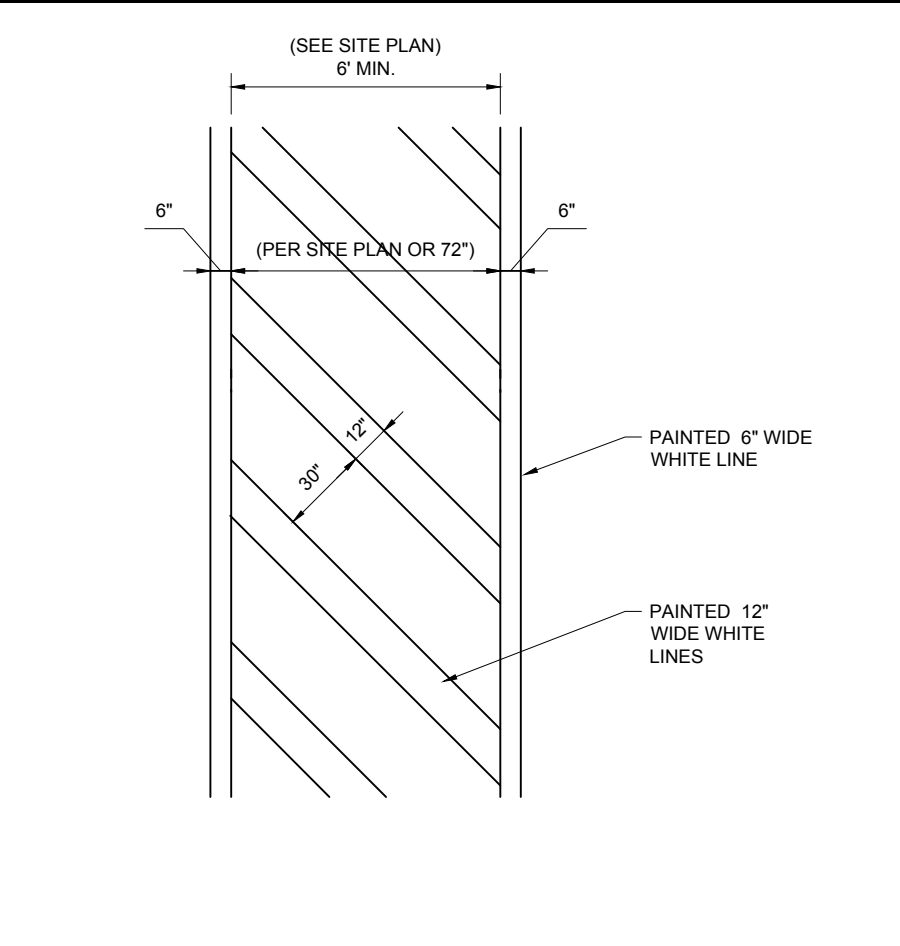
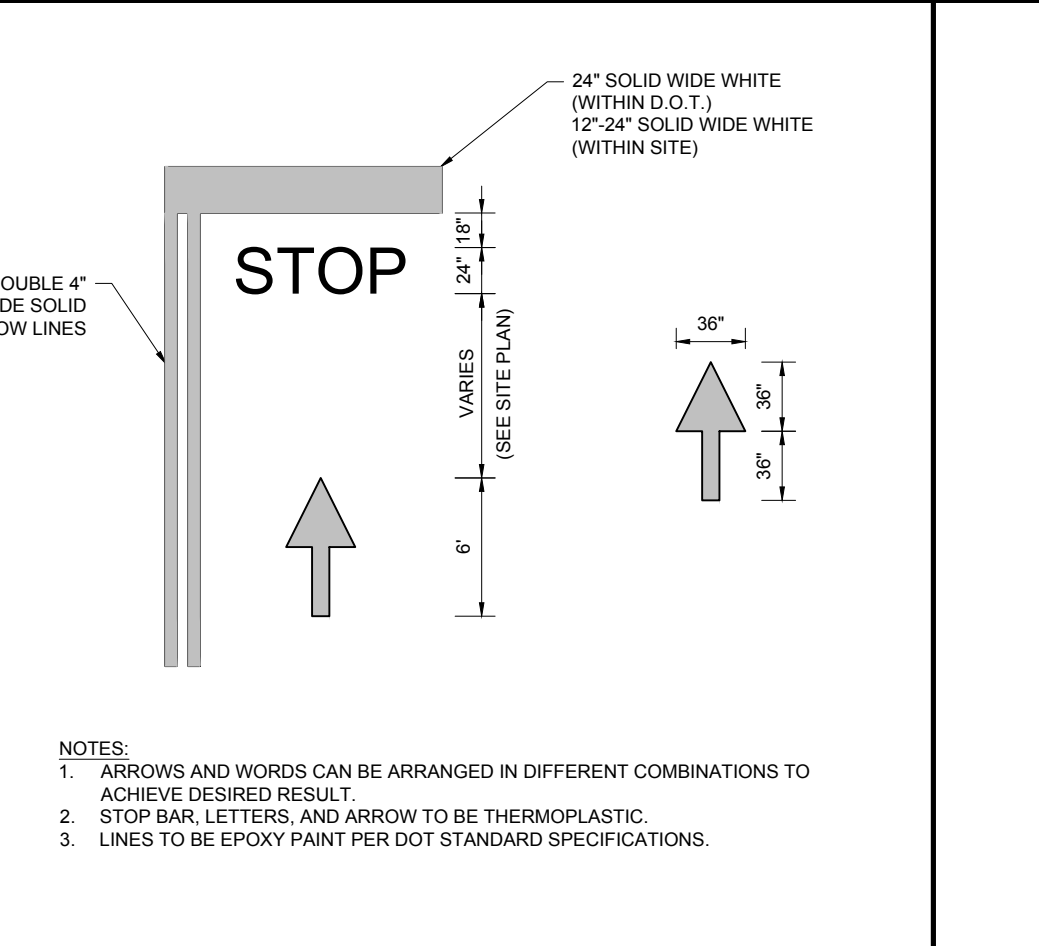
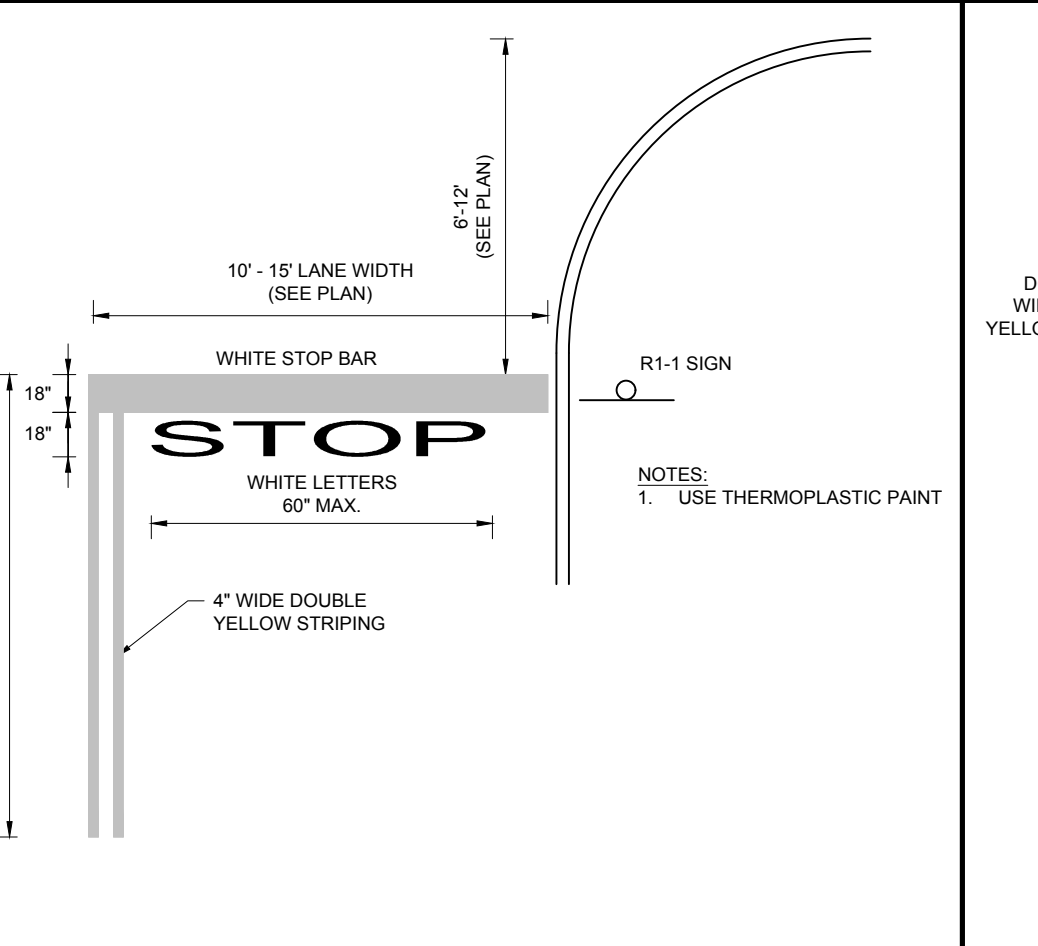
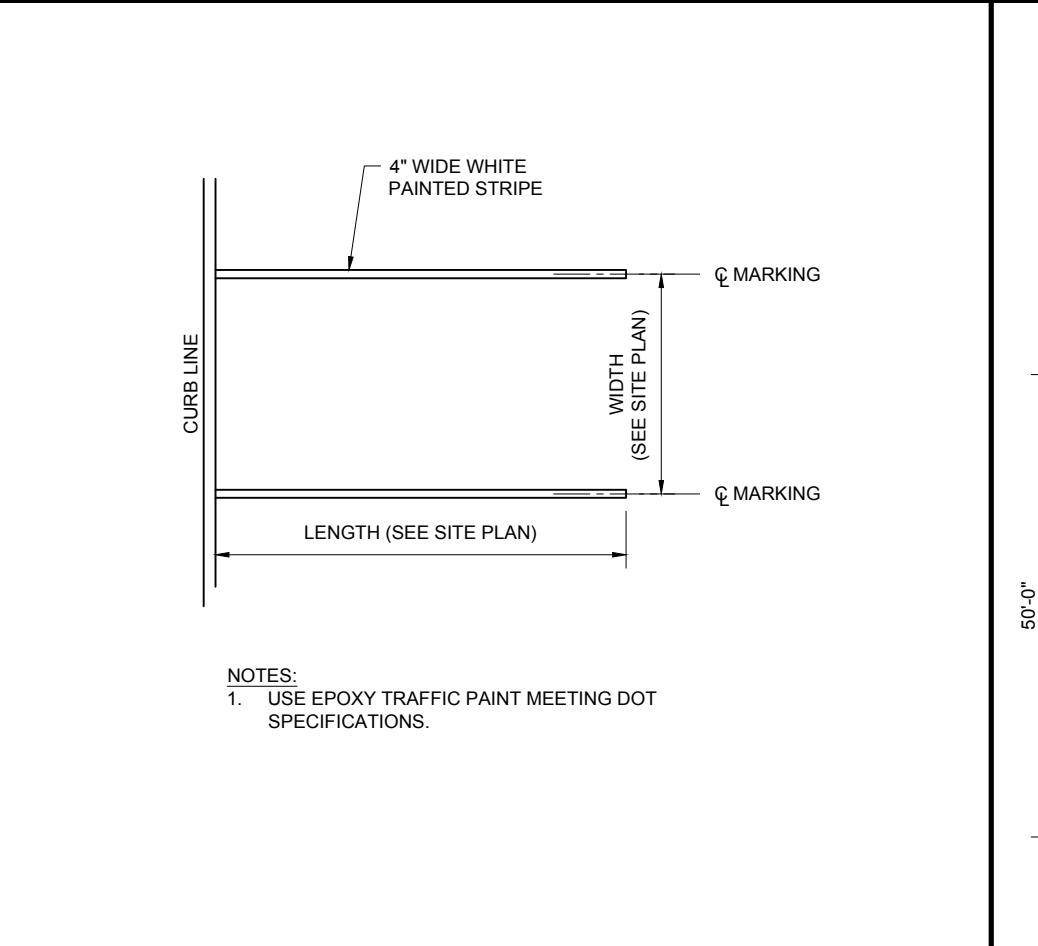
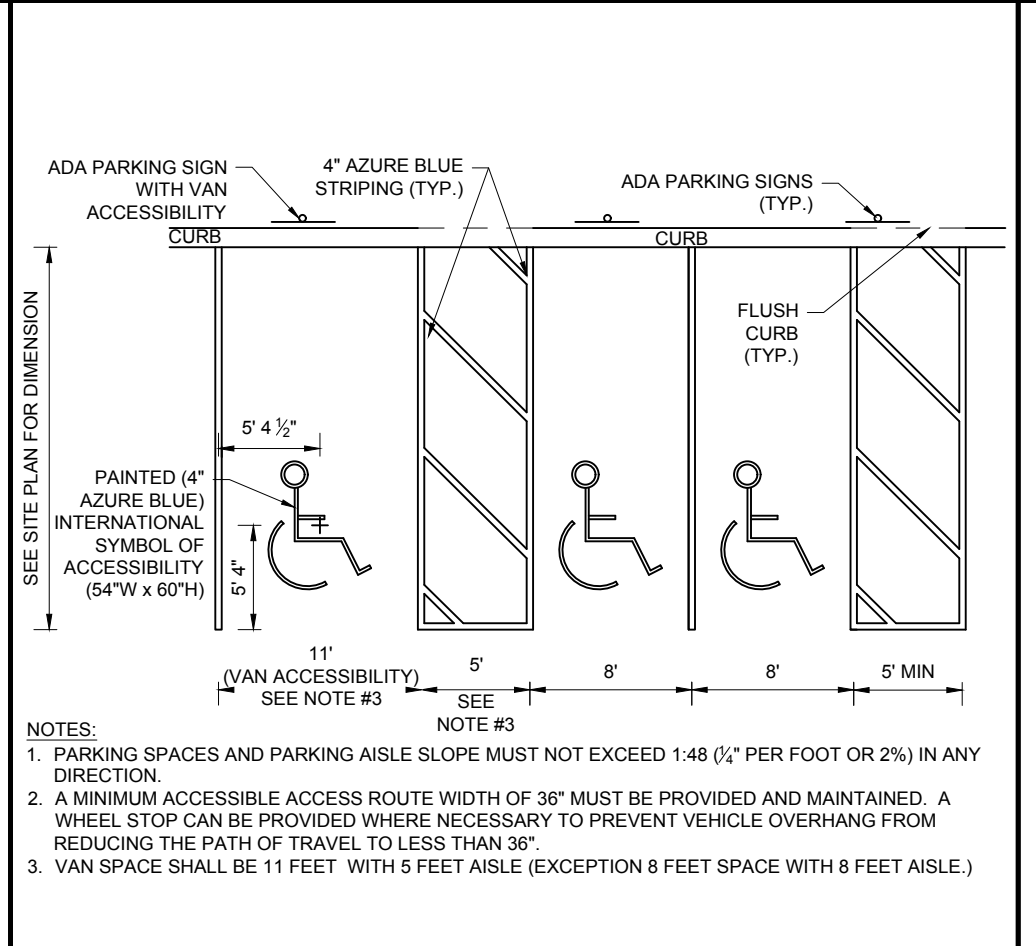
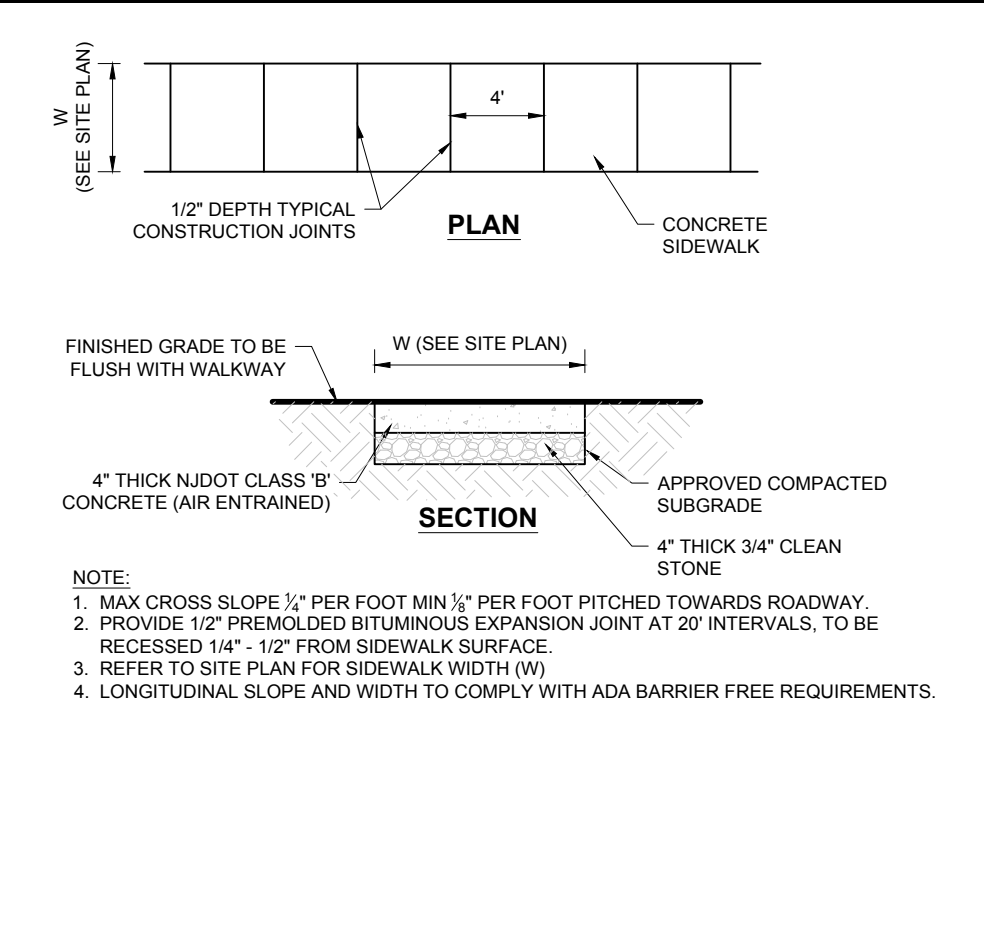
**2 PAVEMENT REPAIR**  
NOT TO SCALE (NJ-S010402 - 01/2025)

**3 EXPANSION JOINT WITH SEALANT**  
NOT TO SCALE (NJ-S010504 - 08/2023)

**4 6\"/>**

**5 CONCRETE CURB 6\"/>**

**6 ADA FLUSH CURB**  
NOT TO SCALE (NJ-S029901 - 03/2024)



**7 CONCRETE SIDEWALK**  
NOT TO SCALE (NJ-S030201 - 09/2024)

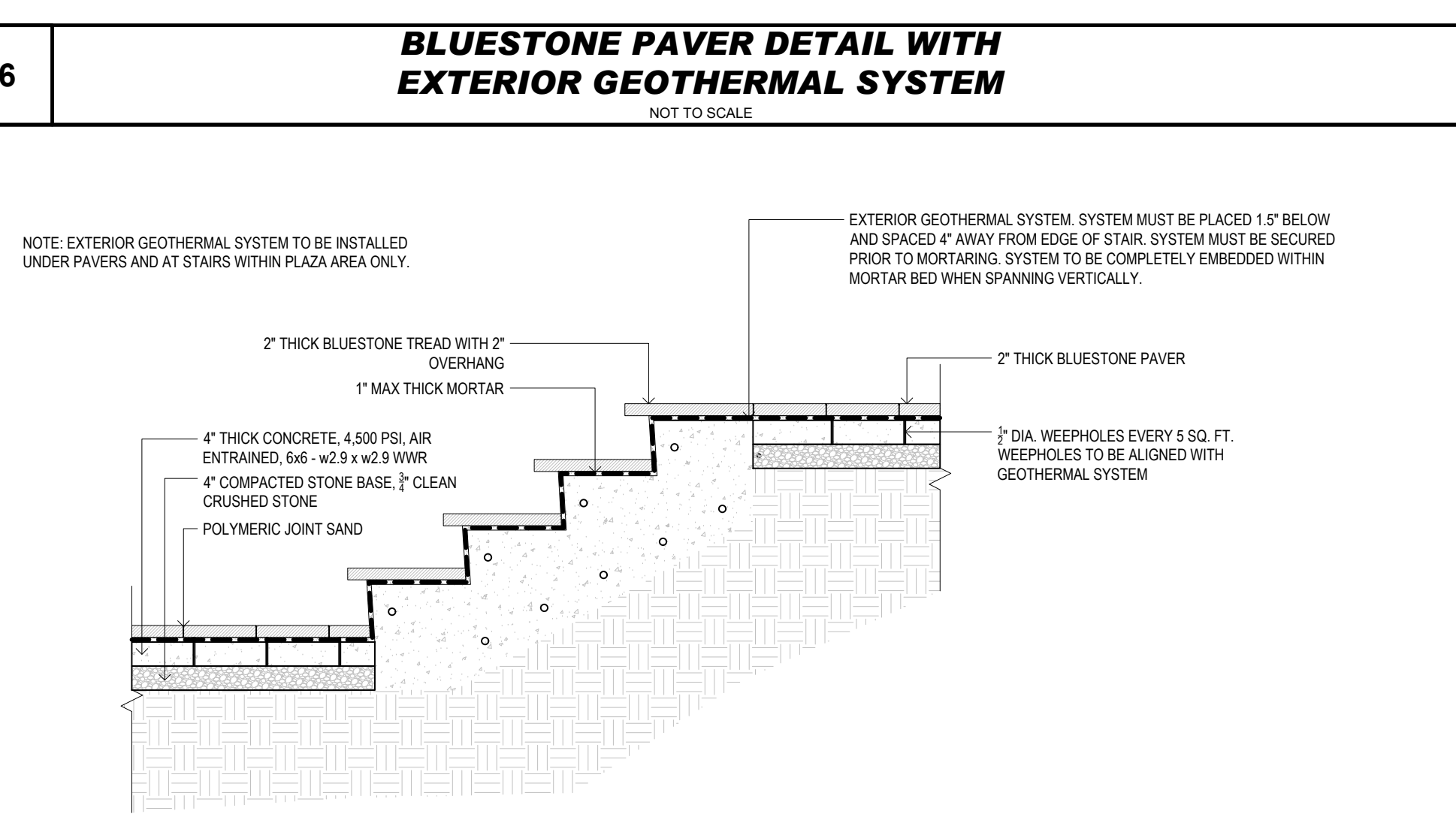
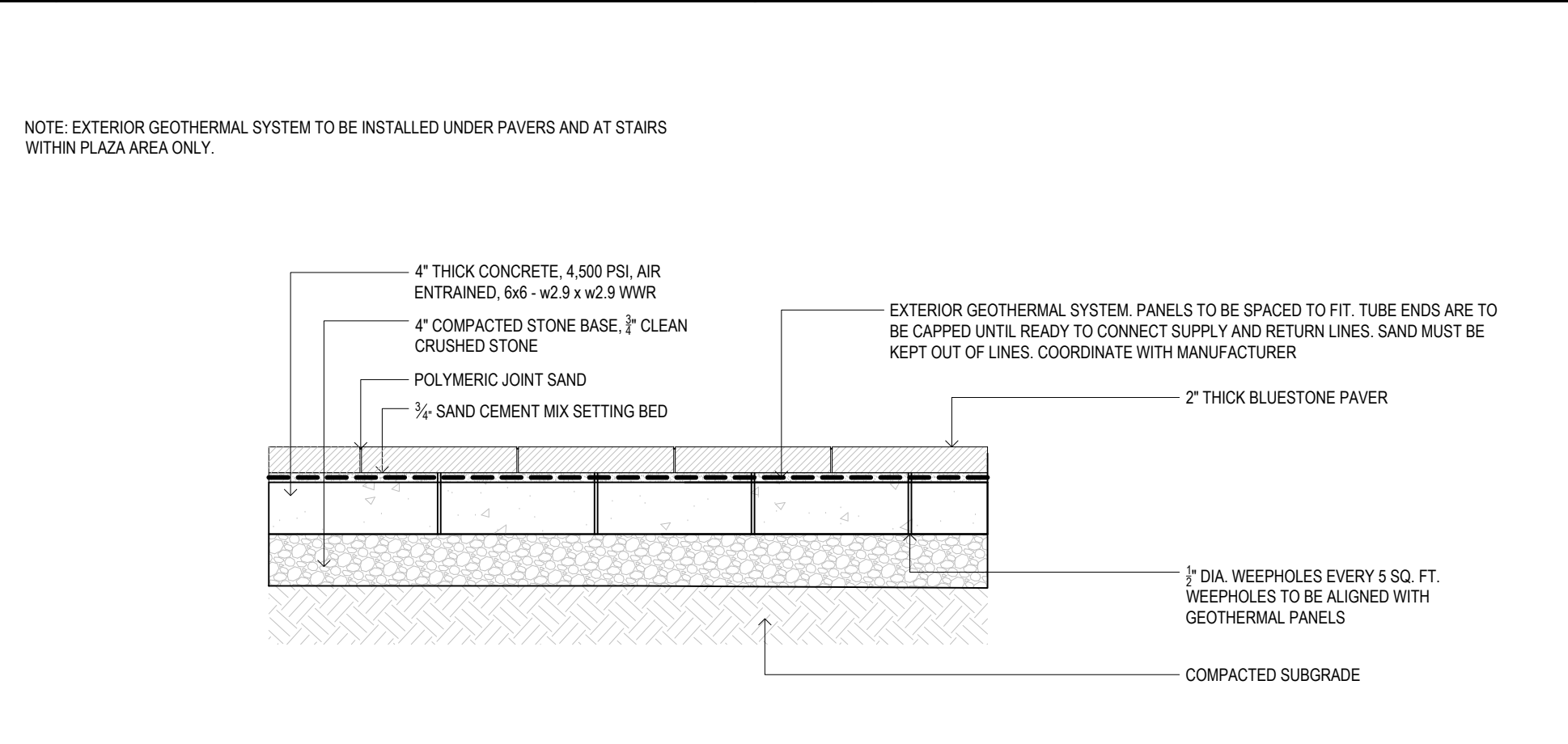
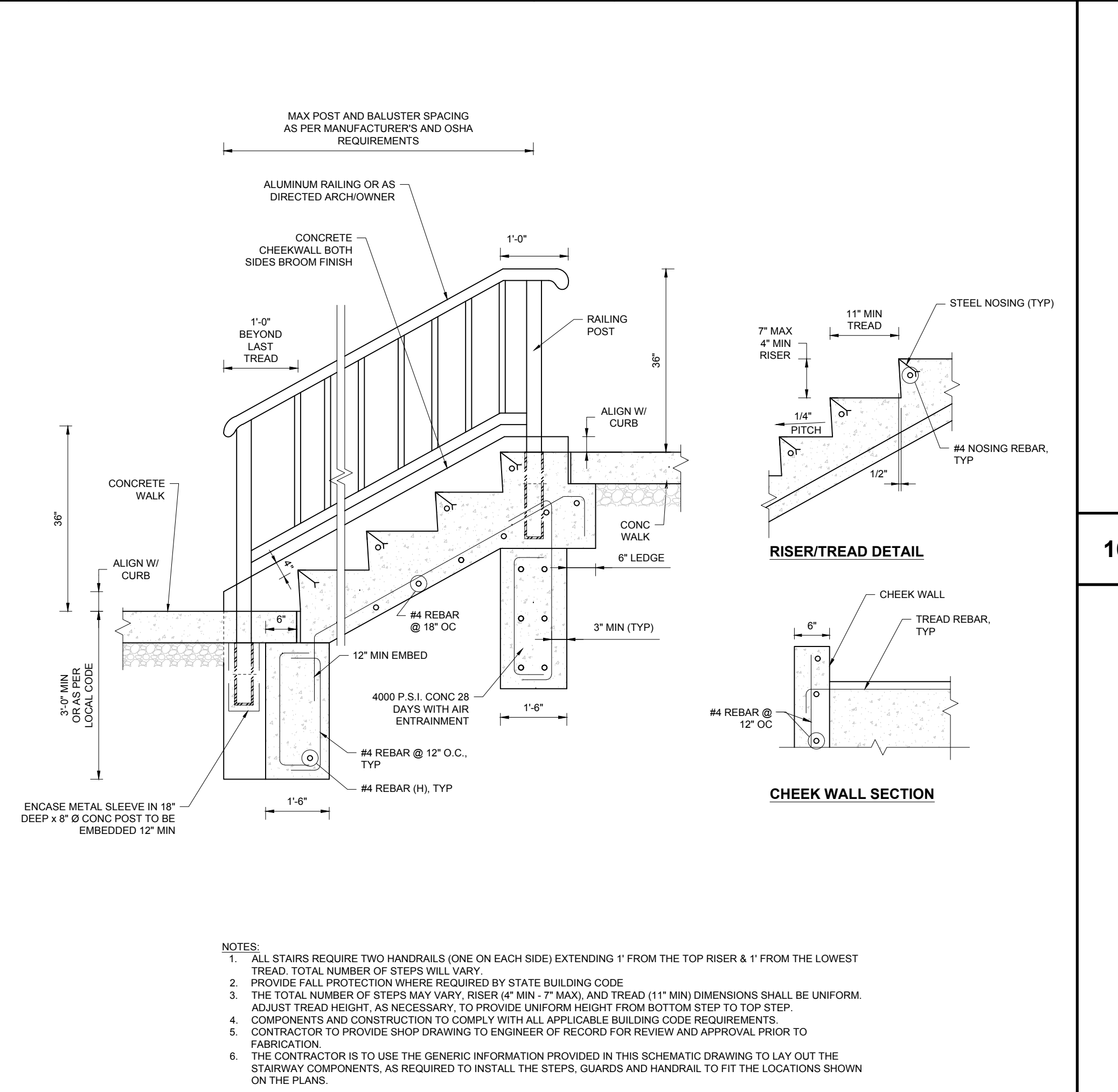
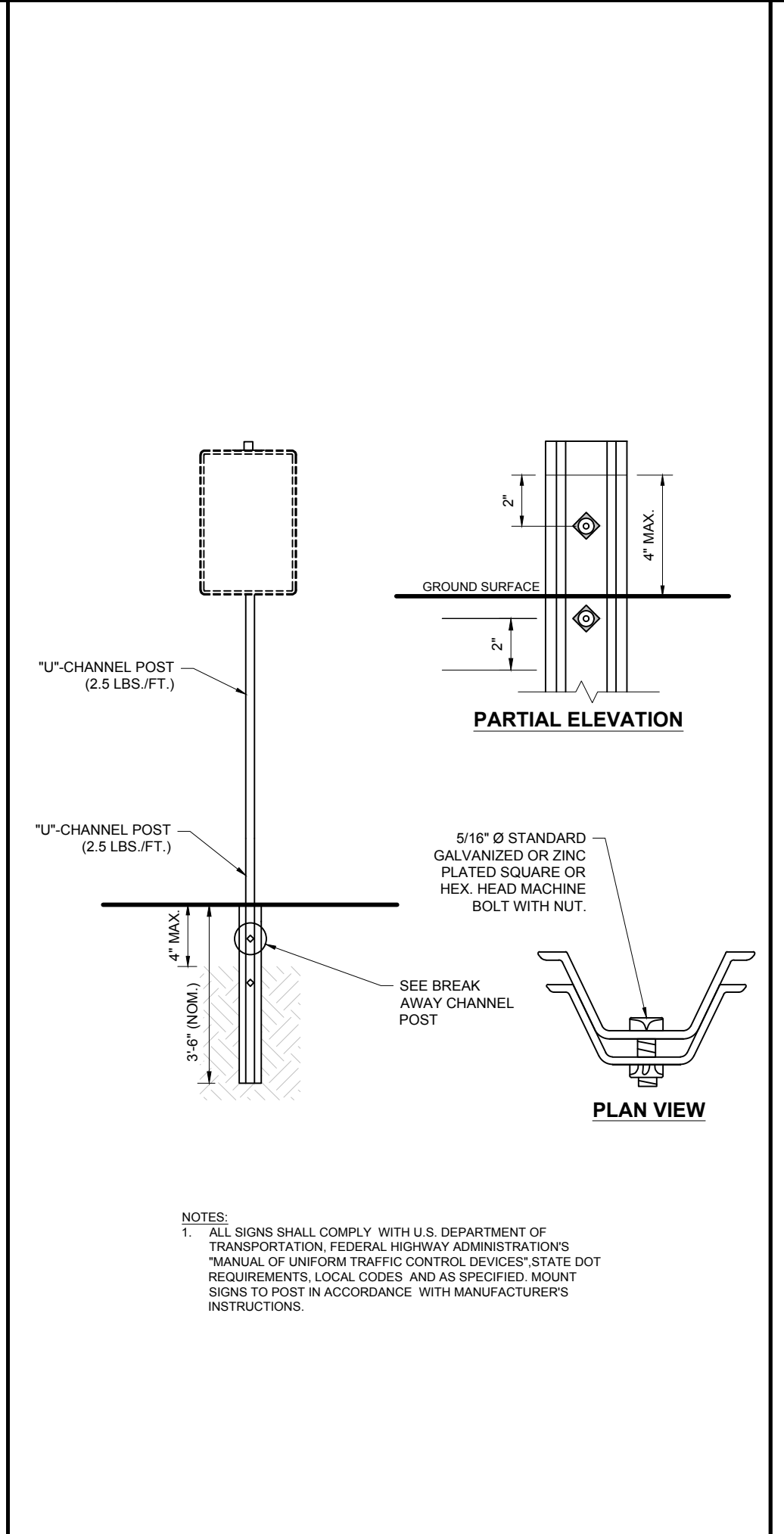
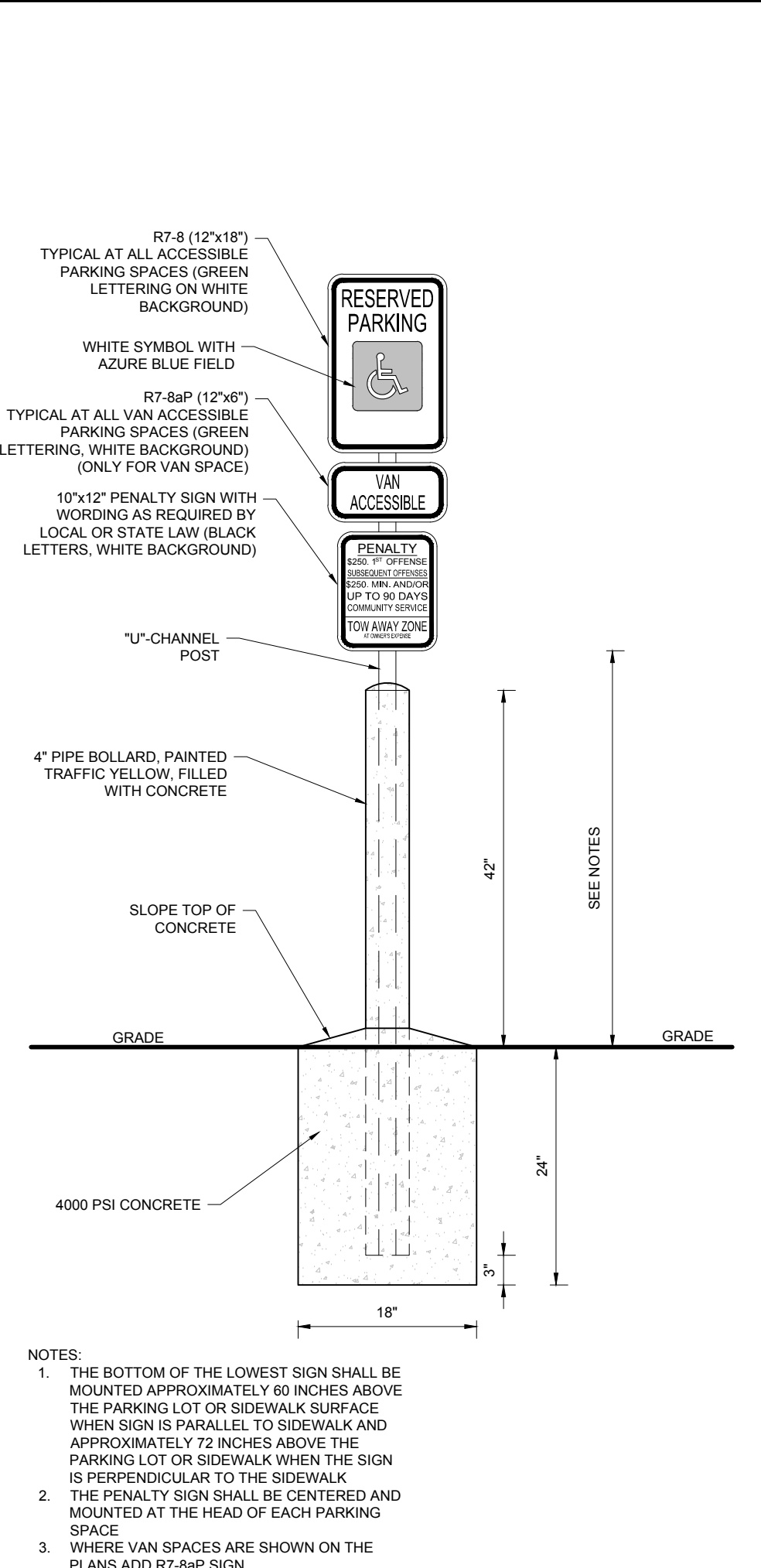
**8 ADA PARKING STALL MARKING**  
NOT TO SCALE (NJ-S050104 - 09/2024)

**9 STANDARD STRIPING**  
NOT TO SCALE (NJ-S050202 - 08/2023)

**10 CONTROLLED INTERSECTION STRIPING AND SIGNAGE**  
NOT TO SCALE (NJ-S050302 - 08/2023)

**11 PAINTED MARKING**  
NOT TO SCALE (NJ-S050301 - 08/2023)

**12 PAINTED CROSSWALK**  
NOT TO SCALE (NJ-S050401 - 08/2023)



**13 ADA PARKING SIGN ON BOLLARD**  
NOT TO SCALE (NJ-S060101 - 05/2024)

**14 BREAKAWAY SIGN POST**  
NOT TO SCALE (NJ-S069902 - 08/2023)

**15 CONCRETE STEPS WITH CHEEK WALL**  
NOT TO SCALE (NJ-S120201 - 09/2024)

**17 STAIRS WITH BLUESTONE CAP AND EXTERIOR GEOTHERMAL SYSTEM**  
NOT TO SCALE

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REVISIONS				
REV	DATE	COMMENT	PER VILLAGE	DRAWN BY
1	09/19/2025	REV PER VILLAGE COMMENTS		KK MD

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PROJECT No.: NJD240053-00-1A  
DRAWN BY: JGR/ND/KK  
CHECKED BY: MD/BC  
DATE: 08/30/2025  
CAD ID: P-CIVL-CND5

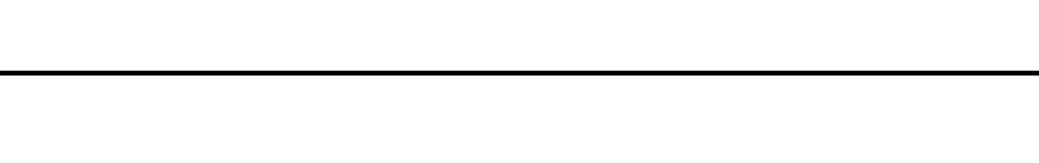
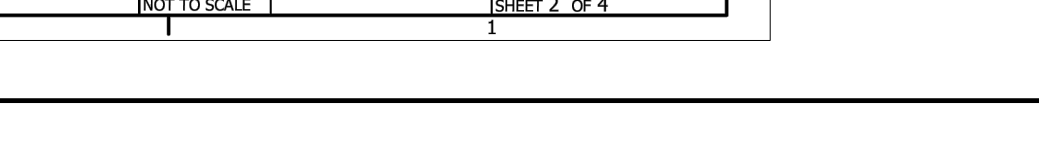
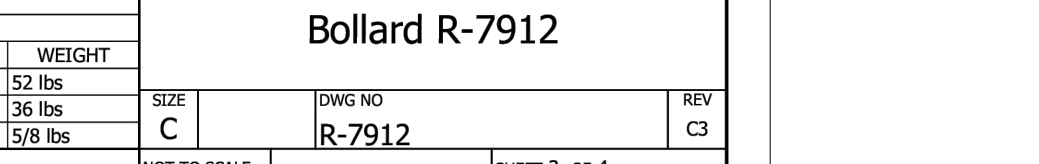
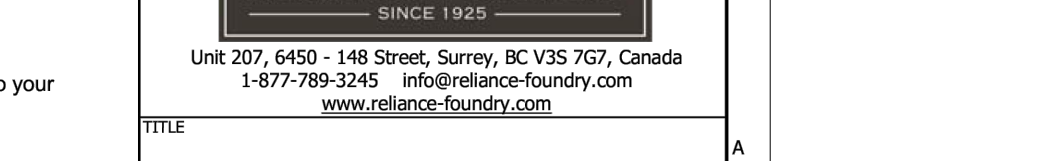
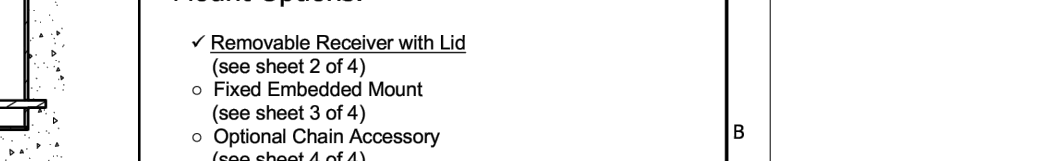
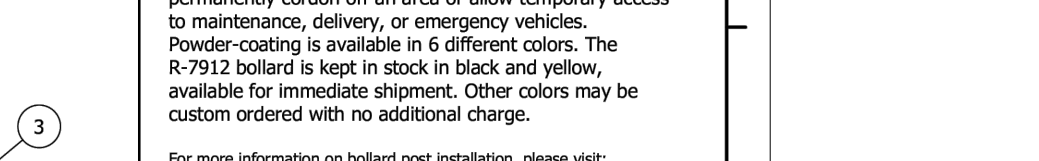
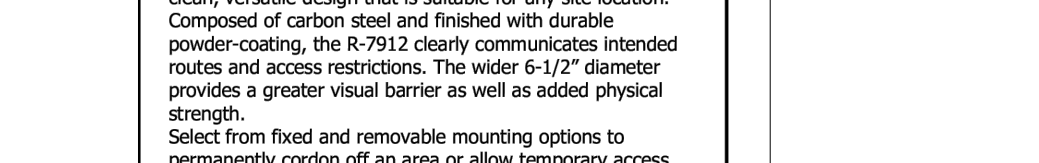
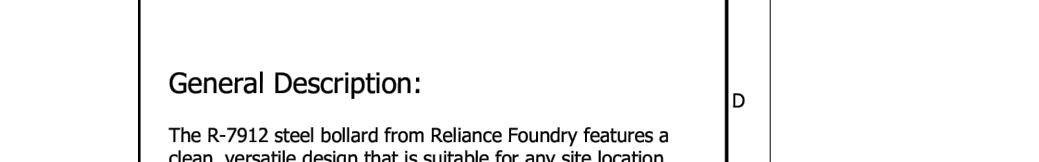
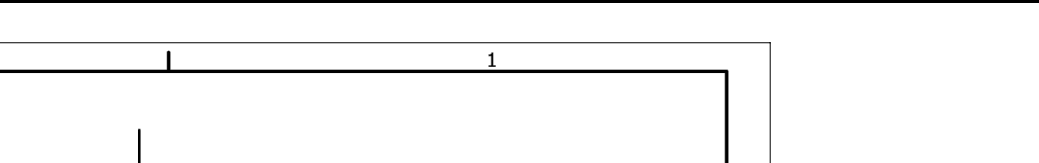
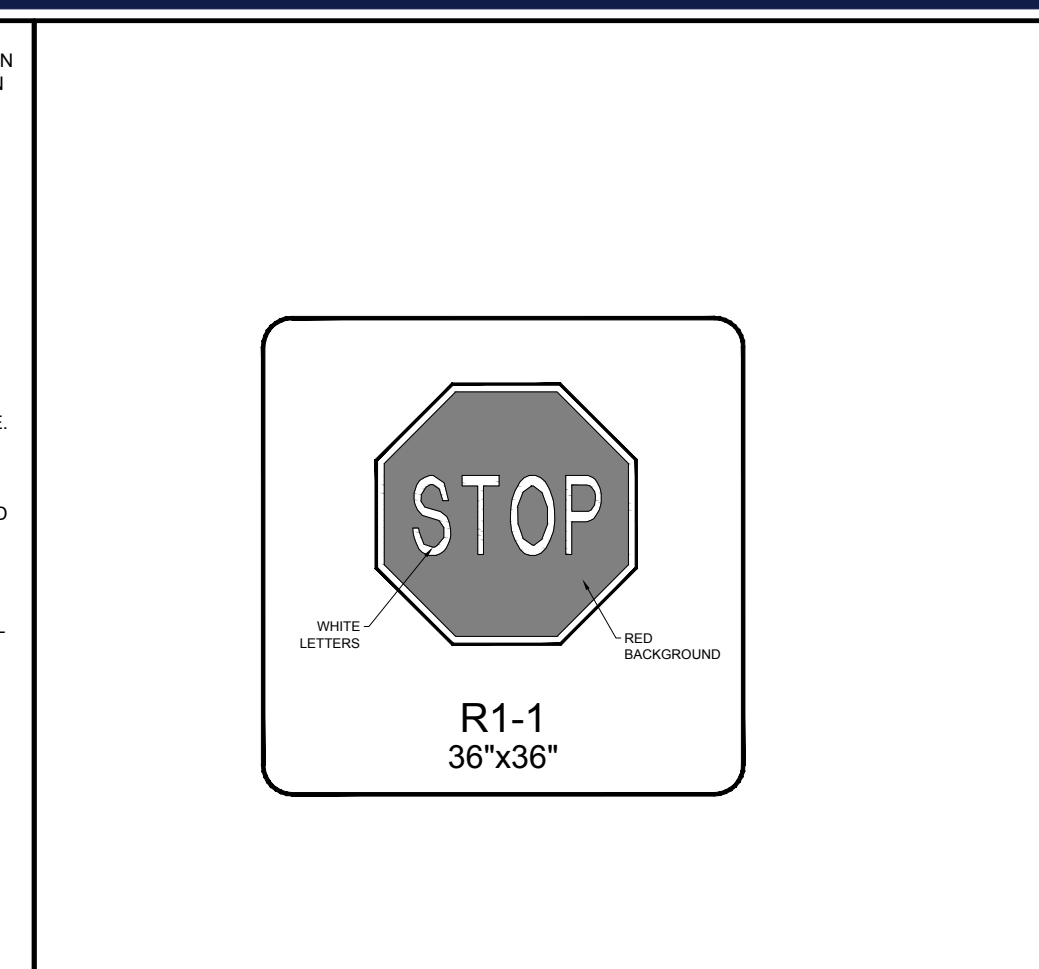
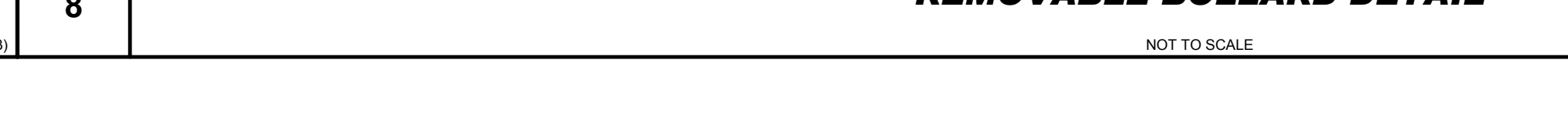
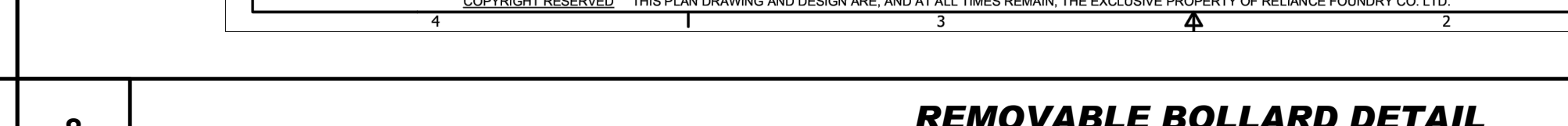
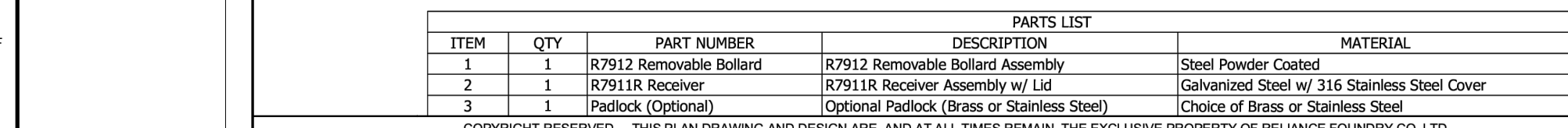
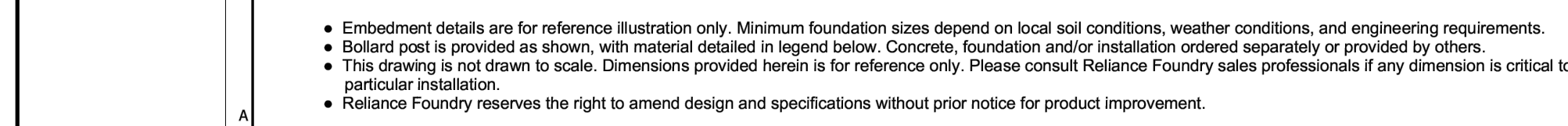
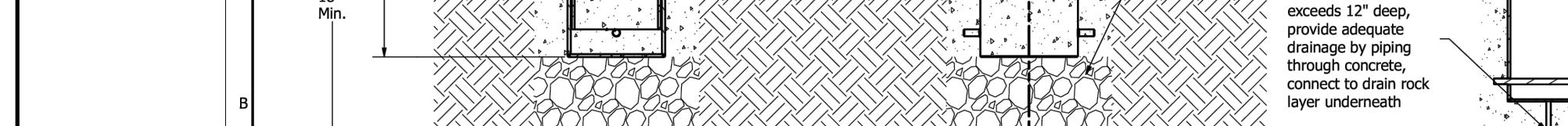
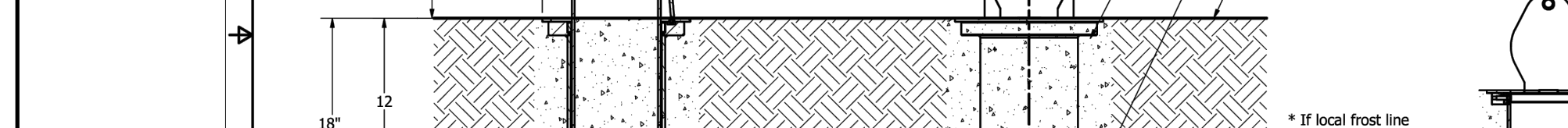
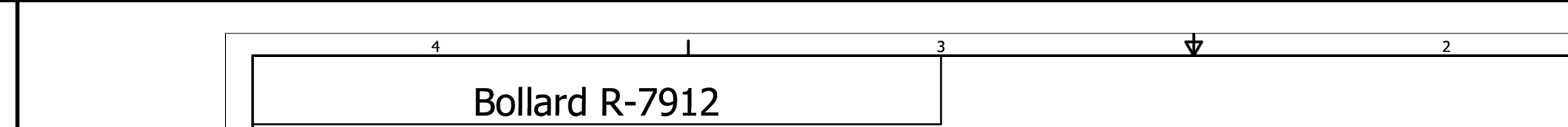
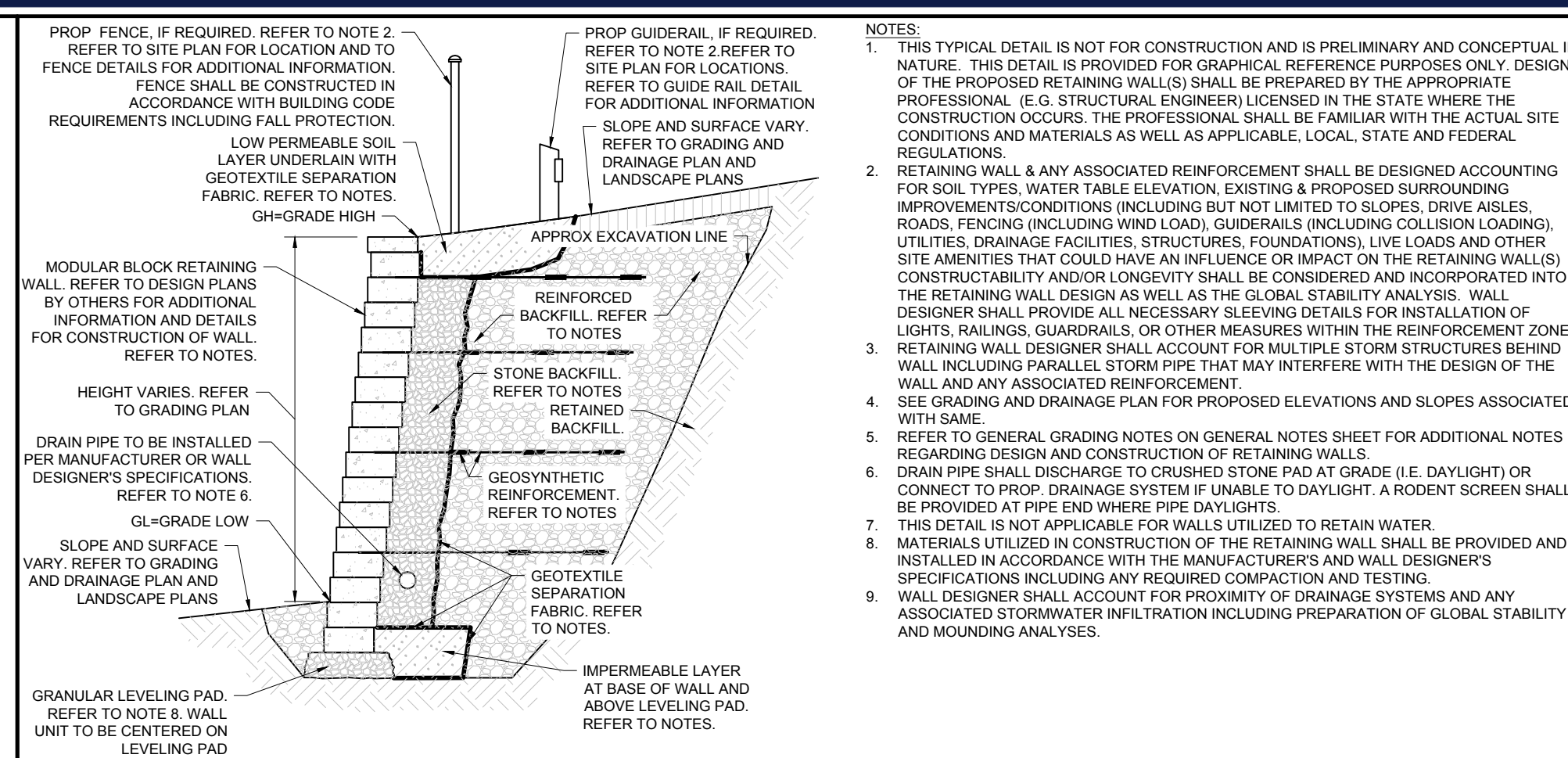
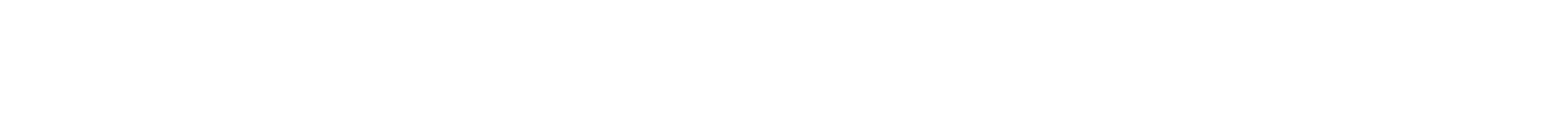
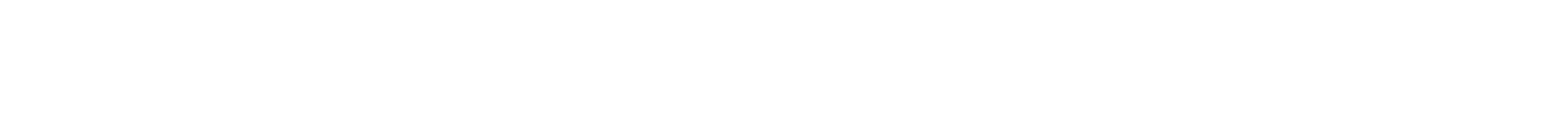
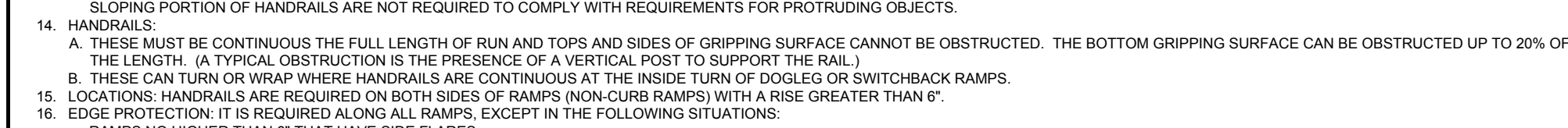
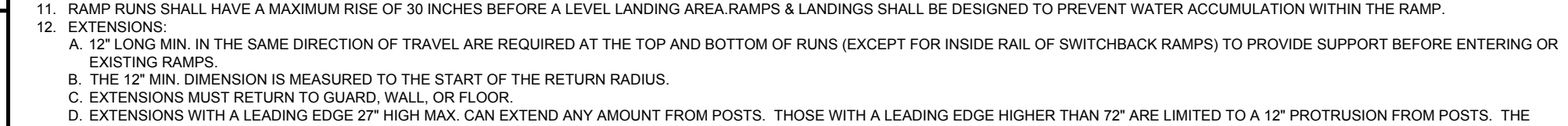
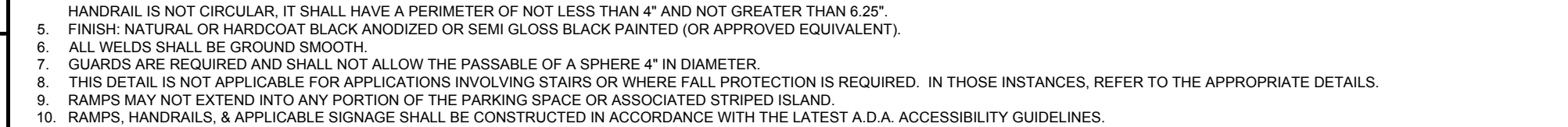
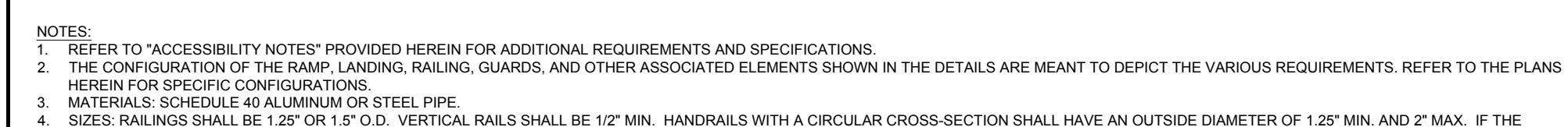
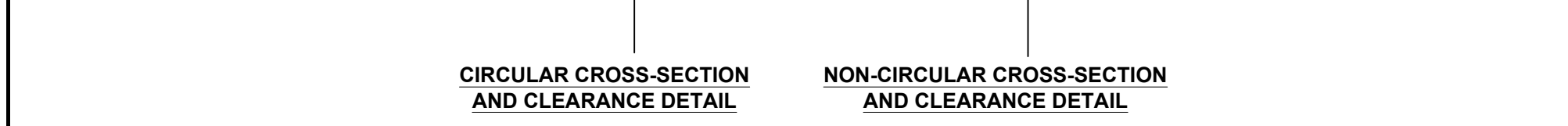
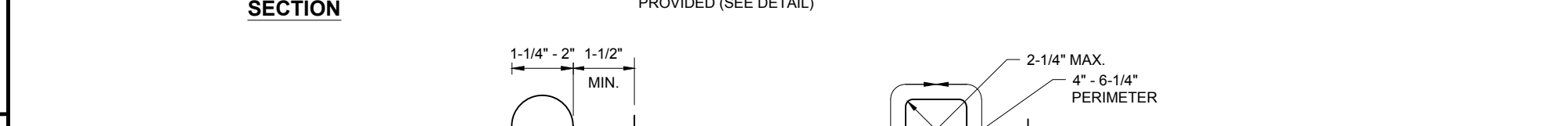
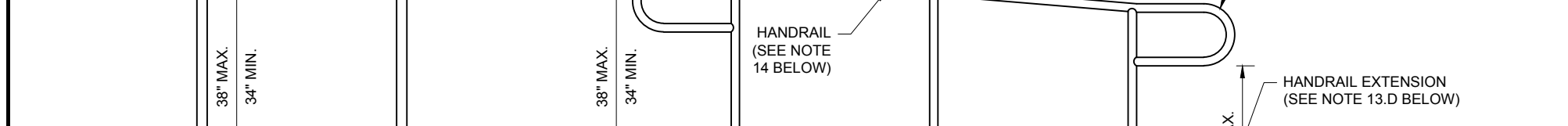
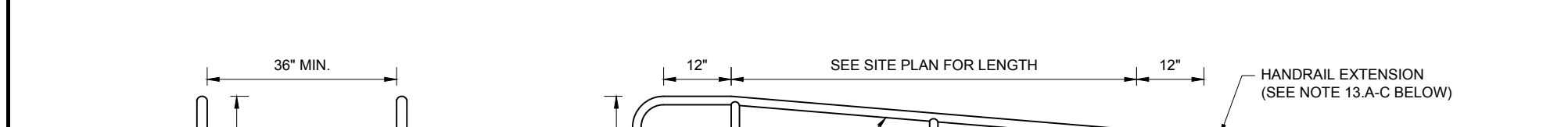
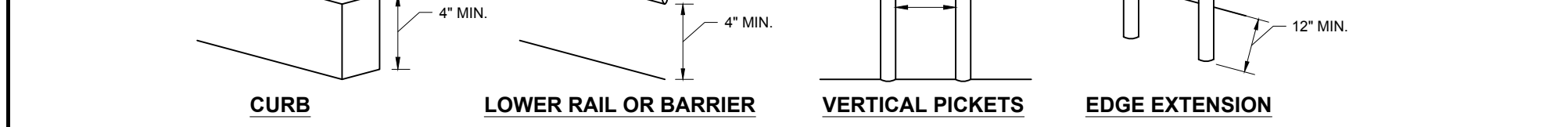
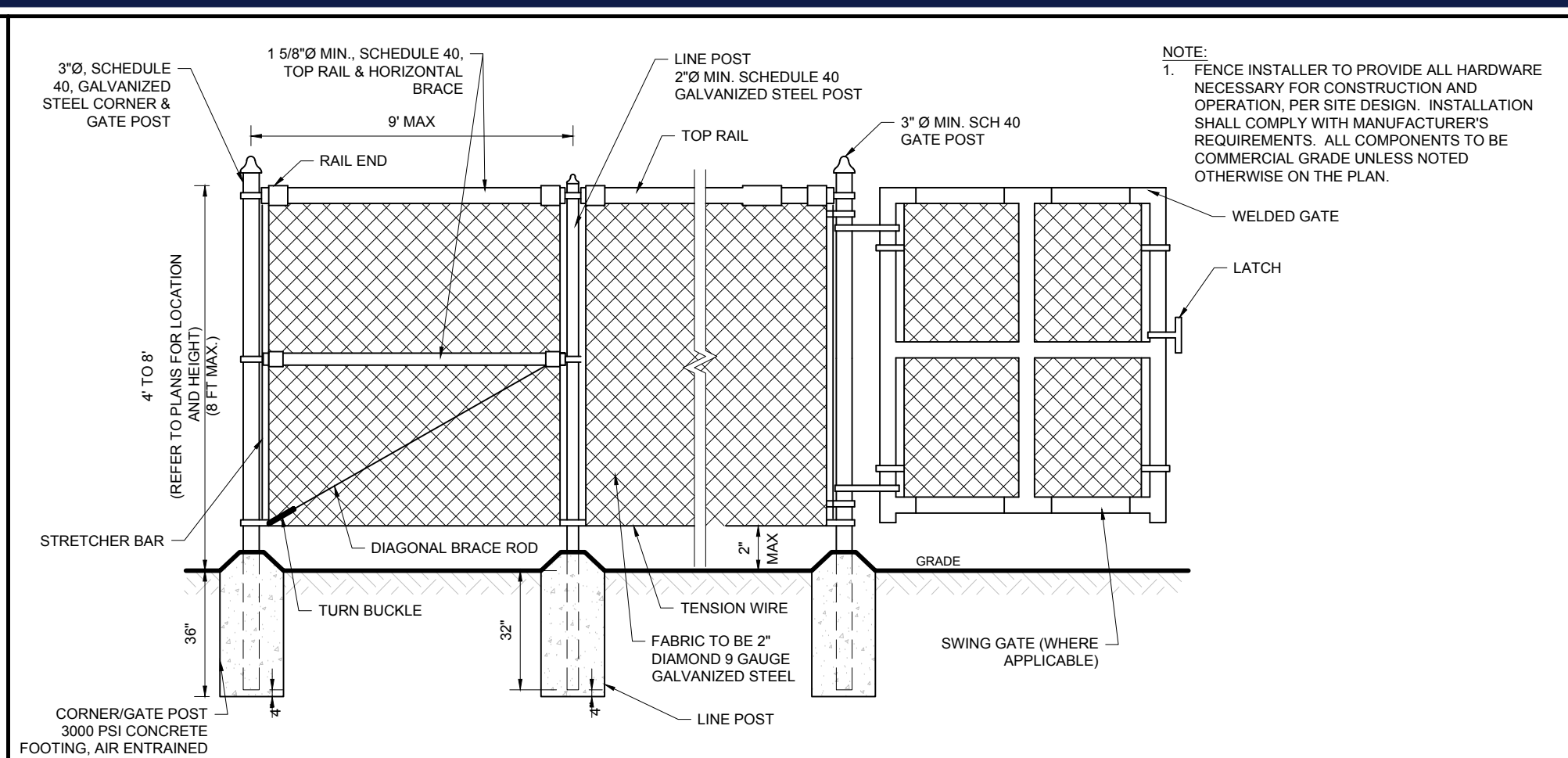
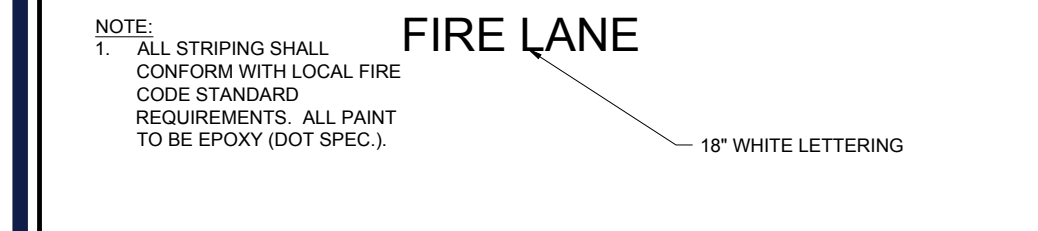
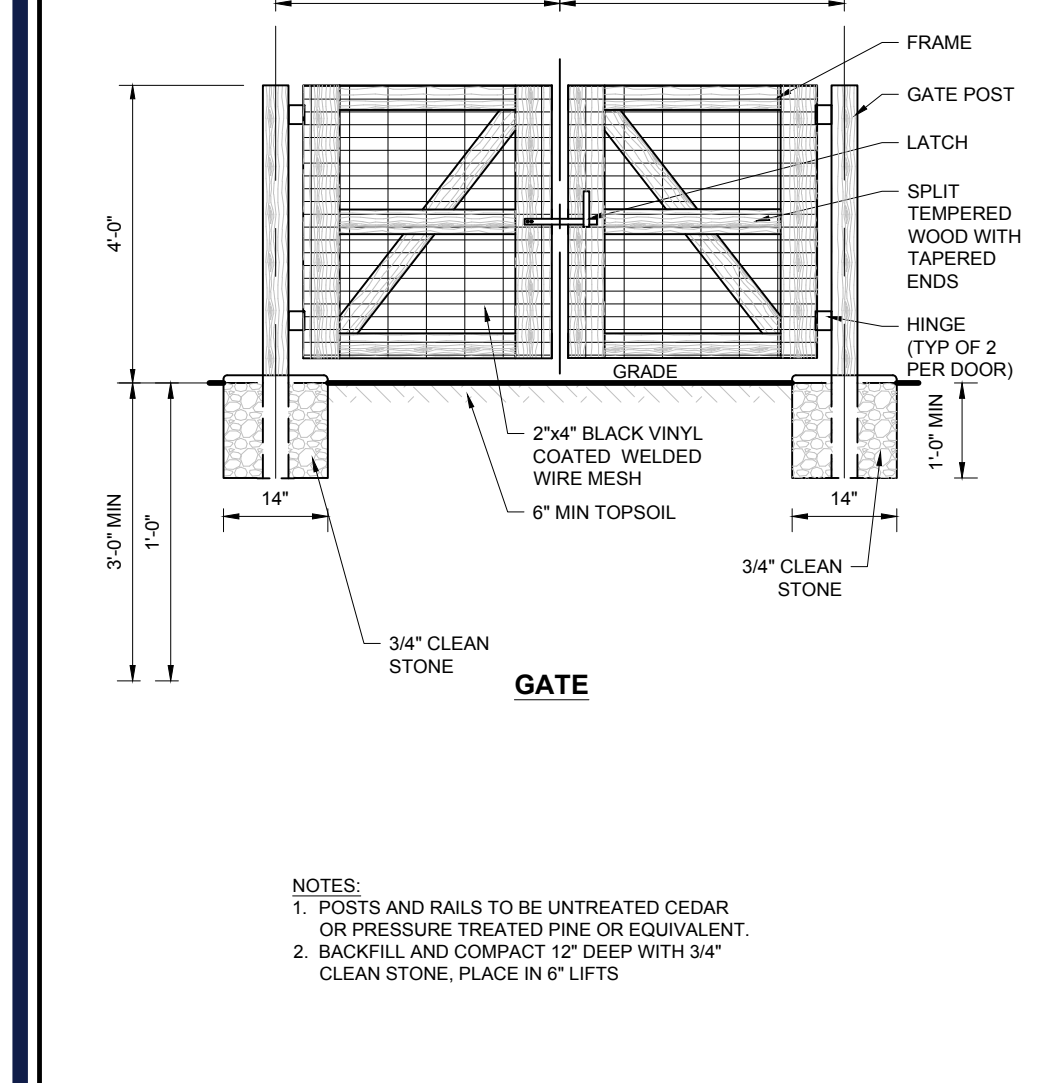
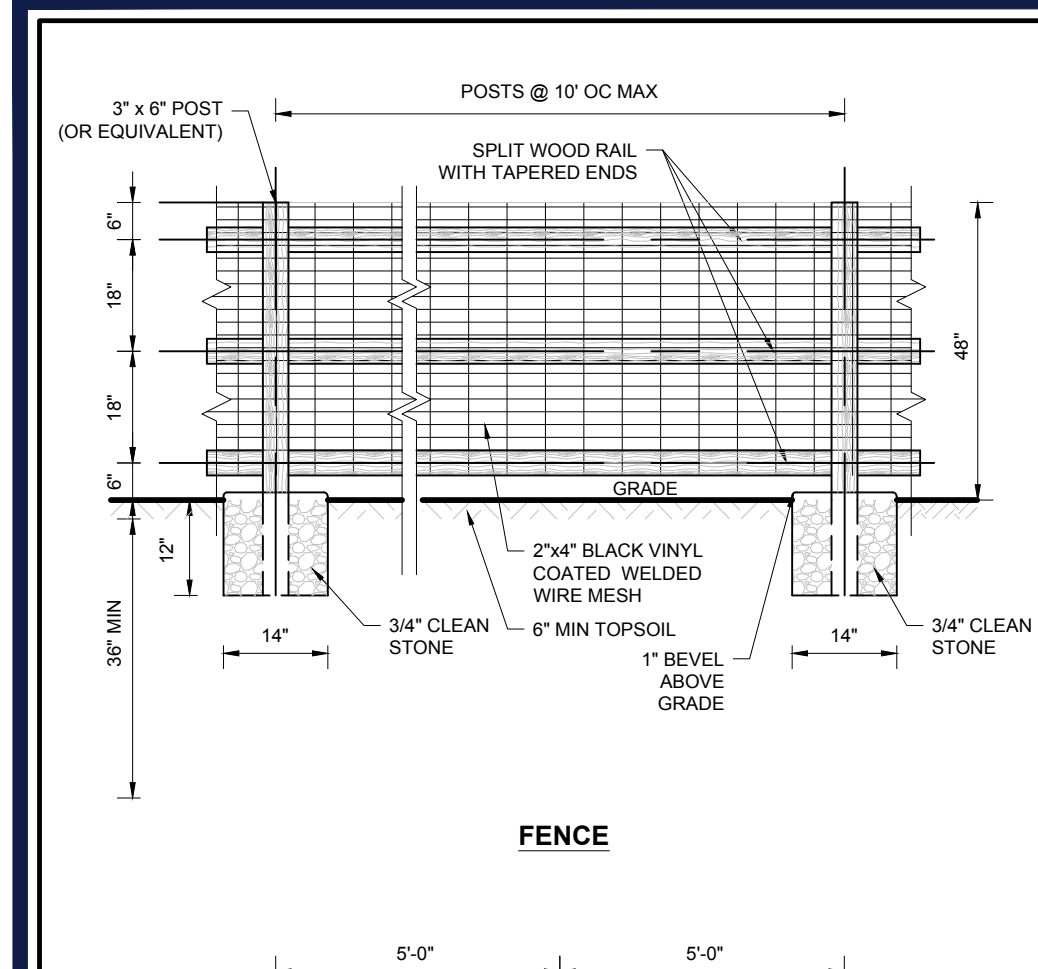
PROJECT:  
**PRELIMINARY AND FINAL MAJOR SITE PLAN FOR WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS BLOCK 2404, LOT 3 & BLOCK 2403, LOT 17.01 6 SOUTH MONROE STREET VILLAGE OF RIDGEWOOD BERGEN COUNTY, NEW JERSEY**

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RIDGEWOOD, NJ 07450  
Phone: (551) 307-1400  
www.BohlerEngineering.com  
NJ CERT. OF AUTHORIZATION NO. 246A28191700 & M6000122

**B.S. CROWDER**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 52263  
PENNSYLVANIA LICENSE NO. 088764  
NEW YORK LICENSE NO. 100802

SHEET TITLE:  
**CONSTRUCTION DETAILS**  
SHEET NUMBER:  
**C-901**  
REVISION 1 - 09/19/2025

I:\BOHLER\NET\ISHARE\ENR\PROJECT\2025\ENR\DRAWINGS\PLAN SET\CIVIL\_CND5\MJD240053-00-1A-LAYOUT-C-901.DWG



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PROJECT No.: NJD240053-00-1A  
DRAWN BY: JG/RND/KK  
CHECKED BY: MD/BC  
DATE: 08/20/2025  
CAD LID: P-CIVL-CND5

**PRELIMINARY AND FINAL MAJOR SITE PLAN**  
WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS  
BLOCK 2404, LOT 3 & BLOCK 2403, LOT 17.01  
6 SOUTH MONROE STREET VILLAGE OF RIDGEWOOD BERGEN COUNTY, NEW JERSEY

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BOHLER, LLC  
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NJ CERT. OF AUTHORIZATION NO. 24GA28191700 & MH000122

**B.S. CROWDER**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 52263  
PENNSYLVANIA LICENSE No. 088764  
NEW YORK LICENSE No. 100802

SHEET TITLE:  
**CONSTRUCTION DETAILS**

SHEET NUMBER:  
**C-902**

REVISION 1 - 09/19/2025

G:\022\IN\240403\03\CAD\DRAWINGS\PLAN SET\CIVIL SITE PLANS\SP-CIVL-CND5-NJD240053-00-1A-PLAN-OUT-C-892.DWG

**GENERAL INLET NOTES**

- INLETS SHALL MEET H-25 LOADING.
- INLETS MAY BE CONSTRUCTED OF BRICK, CONCRETE SOLID, CONCRETE BLOCK OR PRECAST CONCRETE. WALLS SHALL BE 6 INCHES THICK IF BRICK AND 8 INCHES THICK IF CONCRETE, CONCRETE BLOCK OR PRECAST CONCRETE. INLET FOUNDATIONS AND INVERTS SHALL BE CLASS B CONCRETE.
- CORRELLING OF INLET WALLS WILL BE PERMITTED AT THE RATE OF 1/4 INCH PER 8 INCHES OF HEIGHT. MAXIMUM CORRELL 6 INCHES PER WALL.
- EXCEPT FOR INLETS TYPE A AND C, FOUNDATIONS AND INVERTS SHALL BE CONSTRUCTED IN TWO STAGES. AND THE BOTTOM OF THE FOOTINGS SHALL BE 8 INCHES BELOW THE OUTER WALL OF THE LOWEST PIPE IN THE INLET.
- WHEN THE DEPTH OF AN INLET THAT IS NOT PRECAST EXCEEDS 10 FEET AS MEASURED FROM TOP OF GRATE TO INVERT, WALLS BELOW A DEPTH OF 8 FEET SHALL BE 12 INCHES THICK AND THE DEPTH OF FOUNDATION INCREASED TO 12 INCHES. WHEN ROCK IS ENCOUNTERED, THE DEPTH OF THE FOUNDATIONS SHALL NOT BE INCREASED.
- INLET FOUNDATIONS WHICH ARE PRECAST SHALL BE PLACED ON A 6 INCH THICK BED OF COMPACTED COARSE AGGREGATE SIZE NO. 57. THE COARSE AGGREGATE SHALL EXTEND 6 INCHES BEYOND THE HORIZONTAL LIMITS OF THE INLET FOUNDATION.
- CASTINGS FOR PRECAST INLETS SHALL BE ADJUSTED TO GRADE WITH COURSES OF BRICK, AS REQUIRED, 12 INCHES MAXIMUM.
- WHEN THE DEPTH OF A PRECAST INLET EXCEEDS 10 FEET AS MEASURED FROM TOP OF GRATE TO INVERT, THE FOUNDATION SHALL BE INCREASED TO 12 INCHES. WHEN ROCK IS ENCOUNTERED, THE DEPTH OF THE FOUNDATION SHALL NOT BE INCREASED.
- MINIMUM WALL REINFORCEMENT FOR PRECAST INLETS TYPES A, B, C, E, D-1, AND B MODIFIED:

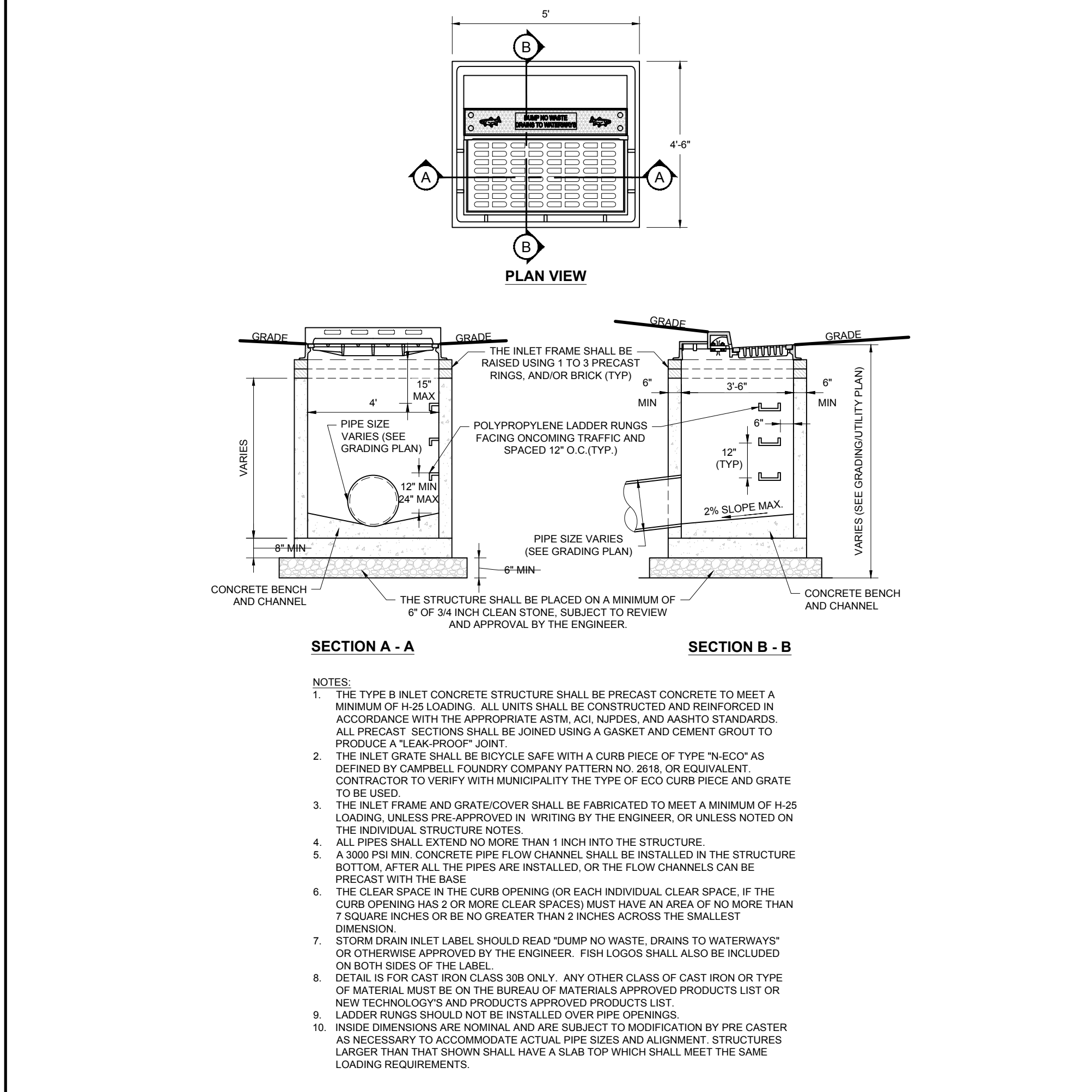
DEPTH BELOW TOP OF GRATE	HORIZONTAL RENF.	VERTICAL RENF.	WALL THK.
0 TO 10'-0"	#4 @ 18" C.C.	#4 @ 18" C.C.	6"
10'-1" TO 15'-0"	#4 @ 8" C.C.	#4 @ 18" C.C.	6"
15'-1" TO 20'-0"	#4 @ 6" C.C.	#4 @ 18" C.C.	6"

REINFORCING SHOWN FOR PRECAST INLETS IS THE MINIMUM REQUIRED. ADDITIONAL REINFORCING FOR HANDLING IS THE RESPONSIBILITY OF THE CONTRACTOR.

**ALTERNATE REINFORCEMENT**

DEPTH BELOW TOP OF GRATE	REINFORCEMENT
0 TO 10'-0"	WWF 3X6 W/6 WIRES SPACED AT 3' TO RUN HORIZONTAL IN ALL CASES.
10'-1" TO 15'-0"	WWF 3X6 W/6 ADD #10 BAR @ 18" HORIZONTAL.
15'-1" TO 20'-0"	WWF 3X6 W/6 ADD #10 BAR @ 9" HORIZONTAL OR ADD #13 BAR @ 15" HORIZONTAL.

- ALL INLETS AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ITS AMENDMENTS.
- FOR CAST IRON CLASS 30 B ONLY. ANY OTHER CLASS OF CAST IRON OR TYPE OF MATERIAL MUST BE ON THE BUREAU OF MATERIALS APPROVED PRODUCTS LIST OR NEW TECHNOLOGIES AND PRODUCTS APPROVED PRODUCTS LIST.
- ALL PIPES SHALL EXTEND NO MORE THAN 1 INCH INTO THE STRUCTURE.
- A 3000 PSI MIN. CONCRETE PIPE FLOW CHANNEL SHALL BE INSTALLED IN THE STRUCTURE BOTTOM. AFTER ALL THE PIPES ARE INSTALLED, OR THE FLOW CHANNELS CAN BE PRECAST WITH THE BASE.
- INSIDE DIMENSIONS OF STRUCTURES ARE NOMINAL AND ARE SUBJECT TO MODIFICATION BY PRECASTER AS NECESSARY TO ACCOMMODATE ACTUAL PIPE SIZES AND ALIGNMENT. STRUCTURES LARGER THAN THAT SHOWN SHALL HAVE A SLAB TOP WHICH SHALL MEET THE SAME LOADING REQUIREMENTS AS THE FRAME.



**GENERAL INLET NOTES**

1. INLETS SHALL MEET H-25 LOADING.

2. INLETS MAY BE CONSTRUCTED OF BRICK, CONCRETE SOLID, CONCRETE BLOCK OR PRECAST CONCRETE. WALLS SHALL BE 6 INCHES THICK IF BRICK AND 8 INCHES THICK IF CONCRETE, CONCRETE BLOCK OR PRECAST CONCRETE. INLET FOUNDATIONS AND INVERTS SHALL BE CLASS B CONCRETE.

3. CORRELLING OF INLET WALLS WILL BE PERMITTED AT THE RATE OF 1/4 INCH PER 8 INCHES OF HEIGHT. MAXIMUM CORRELL 6 INCHES PER WALL.

4. EXCEPT FOR INLETS TYPE A AND C, FOUNDATIONS AND INVERTS SHALL BE CONSTRUCTED IN TWO STAGES. AND THE BOTTOM OF THE FOOTINGS SHALL BE 8 INCHES BELOW THE OUTER WALL OF THE LOWEST PIPE IN THE INLET.

5. WHEN THE DEPTH OF AN INLET THAT IS NOT PRECAST EXCEEDS 10 FEET AS MEASURED FROM TOP OF GRATE TO INVERT, WALLS BELOW A DEPTH OF 8 FEET SHALL BE 12 INCHES THICK AND THE DEPTH OF FOUNDATION INCREASED TO 12 INCHES. WHEN ROCK IS ENCOUNTERED, THE DEPTH OF THE FOUNDATIONS SHALL NOT BE INCREASED.

6. INLET FOUNDATIONS WHICH ARE PRECAST SHALL BE PLACED ON A 6 INCH THICK BED OF COMPACTED COARSE AGGREGATE SIZE NO. 57. THE COARSE AGGREGATE SHALL EXTEND 6 INCHES BEYOND THE HORIZONTAL LIMITS OF THE INLET FOUNDATION.

7. CASTINGS FOR PRECAST INLETS SHALL BE ADJUSTED TO GRADE WITH COURSES OF BRICK, AS REQUIRED, 12 INCHES MAXIMUM.

8. WHEN THE DEPTH OF A PRECAST INLET EXCEEDS 10 FEET AS MEASURED FROM TOP OF GRATE TO INVERT, THE FOUNDATION SHALL BE INCREASED TO 12 INCHES. WHEN ROCK IS ENCOUNTERED, THE DEPTH OF THE FOUNDATION SHALL NOT BE INCREASED.

9. MINIMUM WALL REINFORCEMENT FOR PRECAST INLETS TYPES A, B, C, E, D-1, AND B MODIFIED:

DEPTH BELOW TOP OF GRATE	HORIZONTAL RENF.	VERTICAL RENF.	WALL THK.
0 TO 10'-0"	#4 @ 18" C.C.	#4 @ 18" C.C.	6"
10'-1" TO 15'-0"	#4 @ 8" C.C.	#4 @ 18" C.C.	6"
15'-1" TO 20'-0"	#4 @ 6" C.C.	#4 @ 18" C.C.	6"

REINFORCING SHOWN FOR PRECAST INLETS IS THE MINIMUM REQUIRED. ADDITIONAL REINFORCING FOR HANDLING IS THE RESPONSIBILITY OF THE CONTRACTOR.

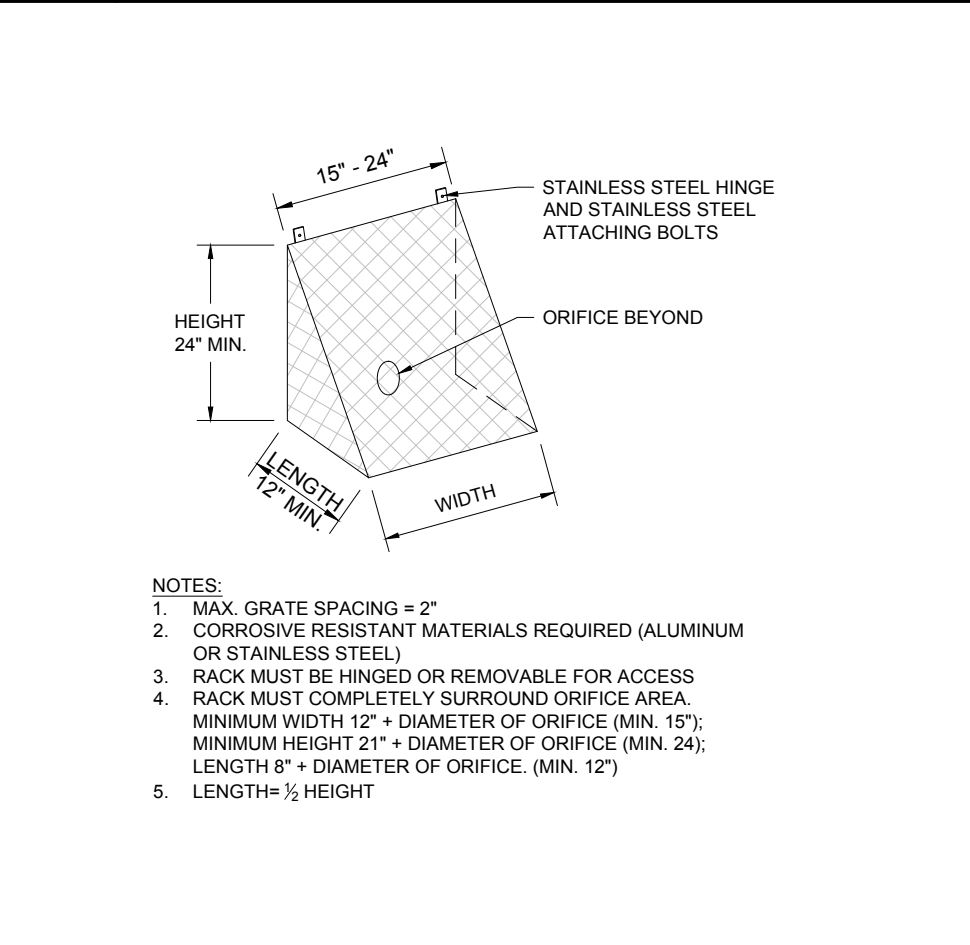
**ALTERNATE REINFORCEMENT**

DEPTH BELOW TOP OF GRATE	REINFORCEMENT
0 TO 10'-0"	WWF 3X6 W/6 WIRES SPACED AT 3' TO RUN HORIZONTAL IN ALL CASES.
10'-1" TO 15'-0"	WWF 3X6 W/6 ADD #10 BAR @ 18" HORIZONTAL.
15'-1" TO 20'-0"	WWF 3X6 W/6 ADD #10 BAR @ 9" HORIZONTAL OR ADD #13 BAR @ 15" HORIZONTAL.

- ALL INLETS AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ITS AMENDMENTS.
- FOR CAST IRON CLASS 30 B ONLY. ANY OTHER CLASS OF CAST IRON OR TYPE OF MATERIAL MUST BE ON THE BUREAU OF MATERIALS APPROVED PRODUCTS LIST OR NEW TECHNOLOGIES AND PRODUCTS APPROVED PRODUCTS LIST.
- ALL PIPES SHALL EXTEND NO MORE THAN 1 INCH INTO THE STRUCTURE.
- A 3000 PSI MIN. CONCRETE PIPE FLOW CHANNEL SHALL BE INSTALLED IN THE STRUCTURE BOTTOM. AFTER ALL THE PIPES ARE INSTALLED, OR THE FLOW CHANNELS CAN BE PRECAST WITH THE BASE.
- INSIDE DIMENSIONS OF STRUCTURES ARE NOMINAL AND ARE SUBJECT TO MODIFICATION BY PRECASTER AS NECESSARY TO ACCOMMODATE ACTUAL PIPE SIZES AND ALIGNMENT. STRUCTURES LARGER THAN THAT SHOWN SHALL HAVE A SLAB TOP WHICH SHALL MEET THE SAME LOADING REQUIREMENTS AS THE FRAME.

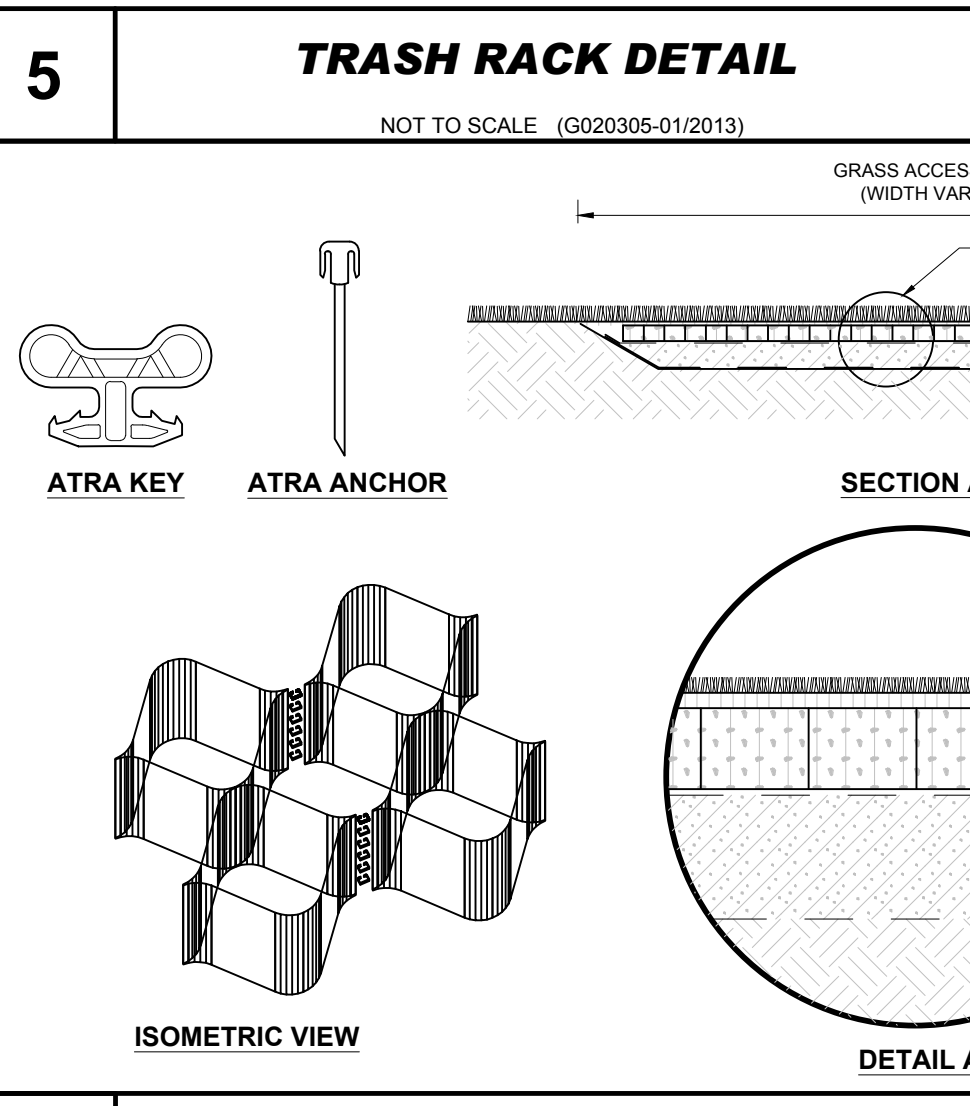
**TYPE 'B' INLET WITH ECO CURB PIECE**

NOT TO SCALE (NJ-U010213 - 08/2023)



**TRASH RACK DETAIL**

NOT TO SCALE (G020305-01/2013)



**YARD INLET 2'-0" x 2'-6"**

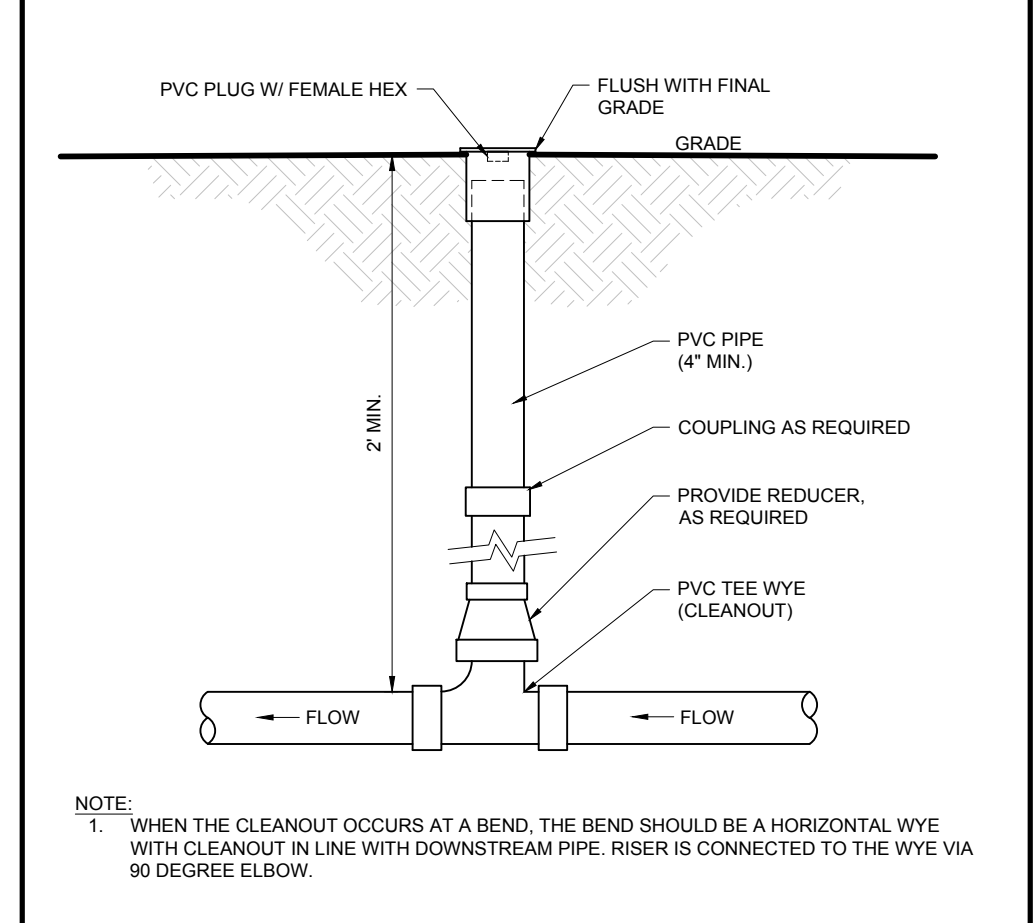
NOT TO SCALE (NJ-U010216 - 07/2024)

**GEOWEB GRASS DETAIL**

NOT TO SCALE (NJ-S019904 - 05/2025)

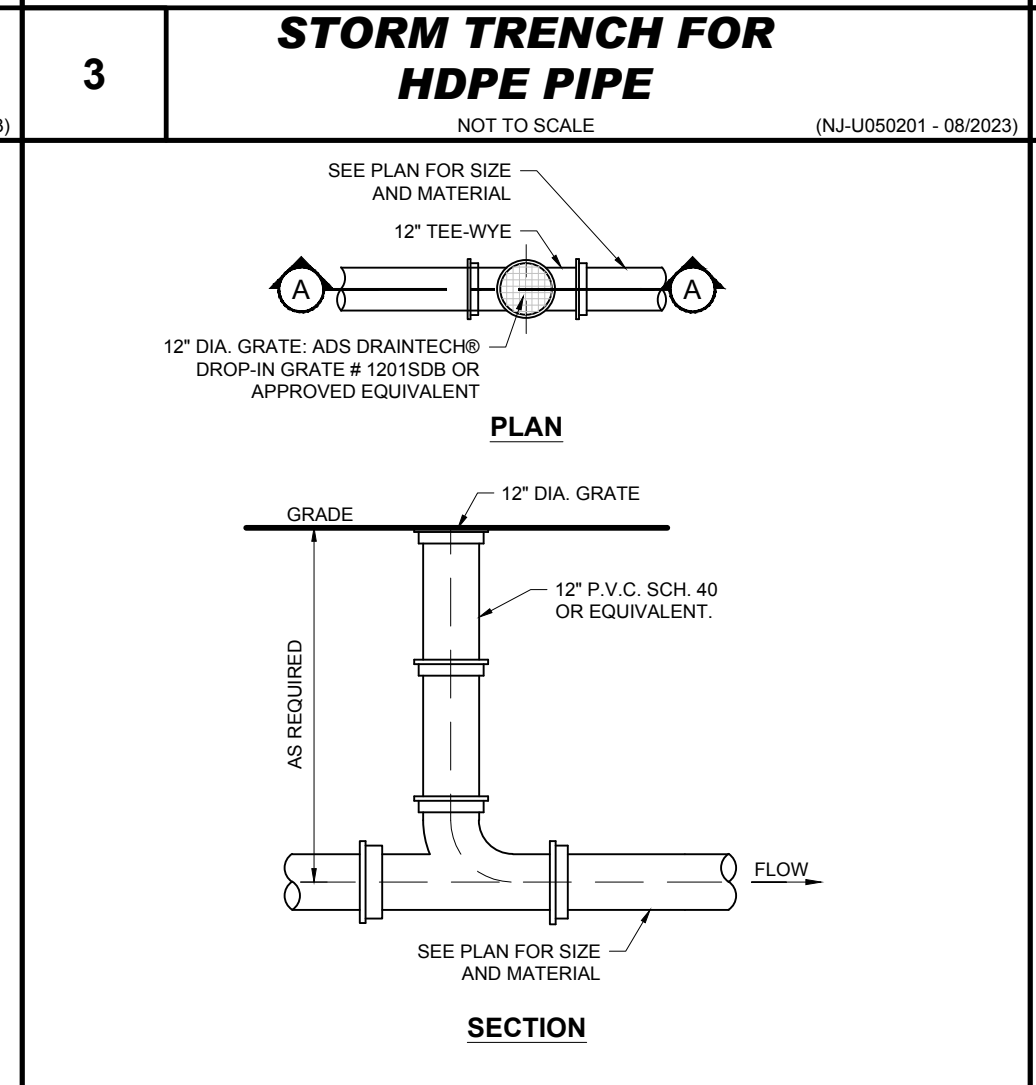
**STORMWATER CLEANOUT / INSPECTION PORT DETAIL FOR LANDSCAPE AREAS**

NOT TO SCALE (NJ-U010307 - 05/2025)



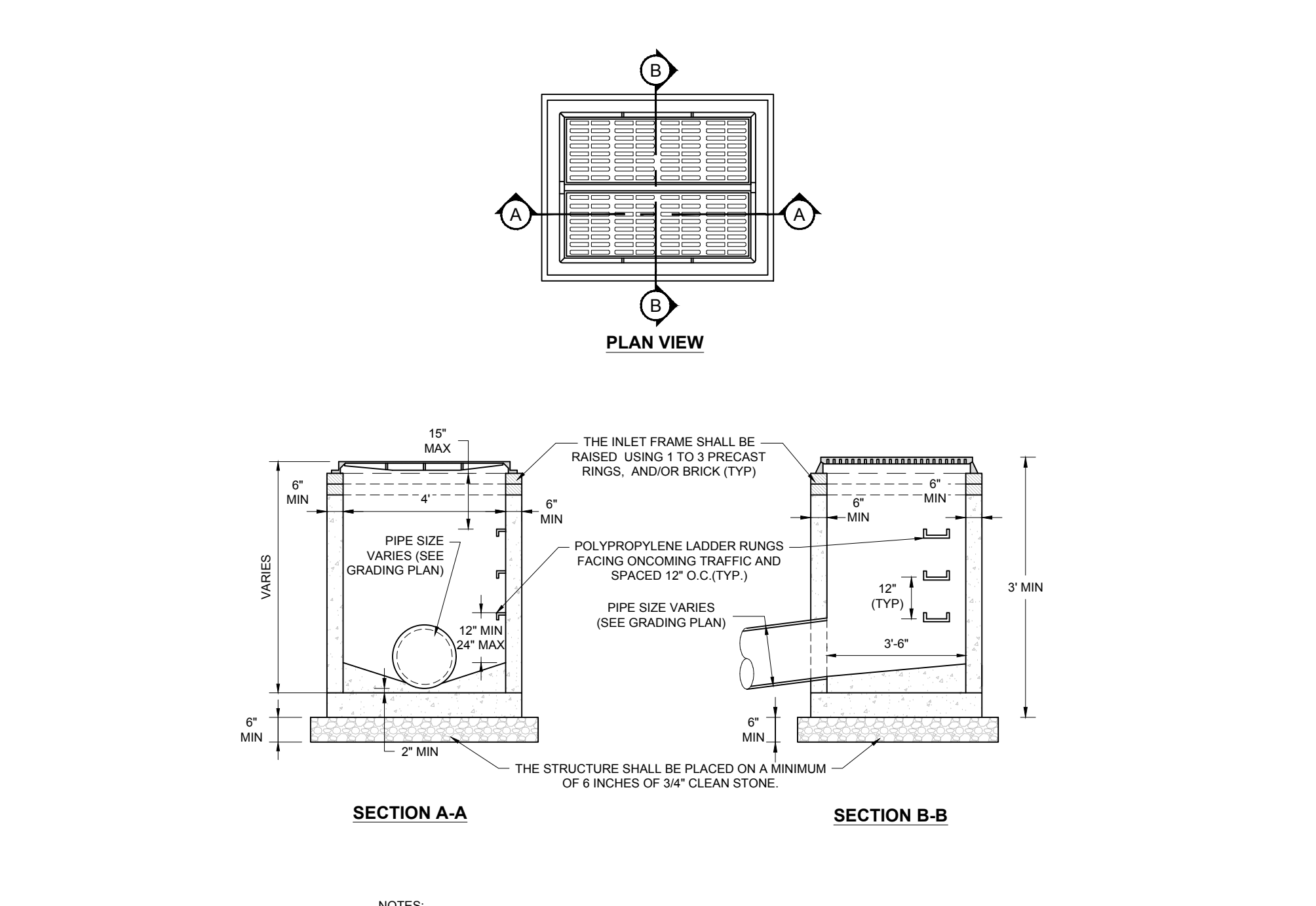
**ROOF DRAIN CLEANOUT LANDSCAPE AREAS**

NOT TO SCALE (NJ-U010301 - 10/2023)



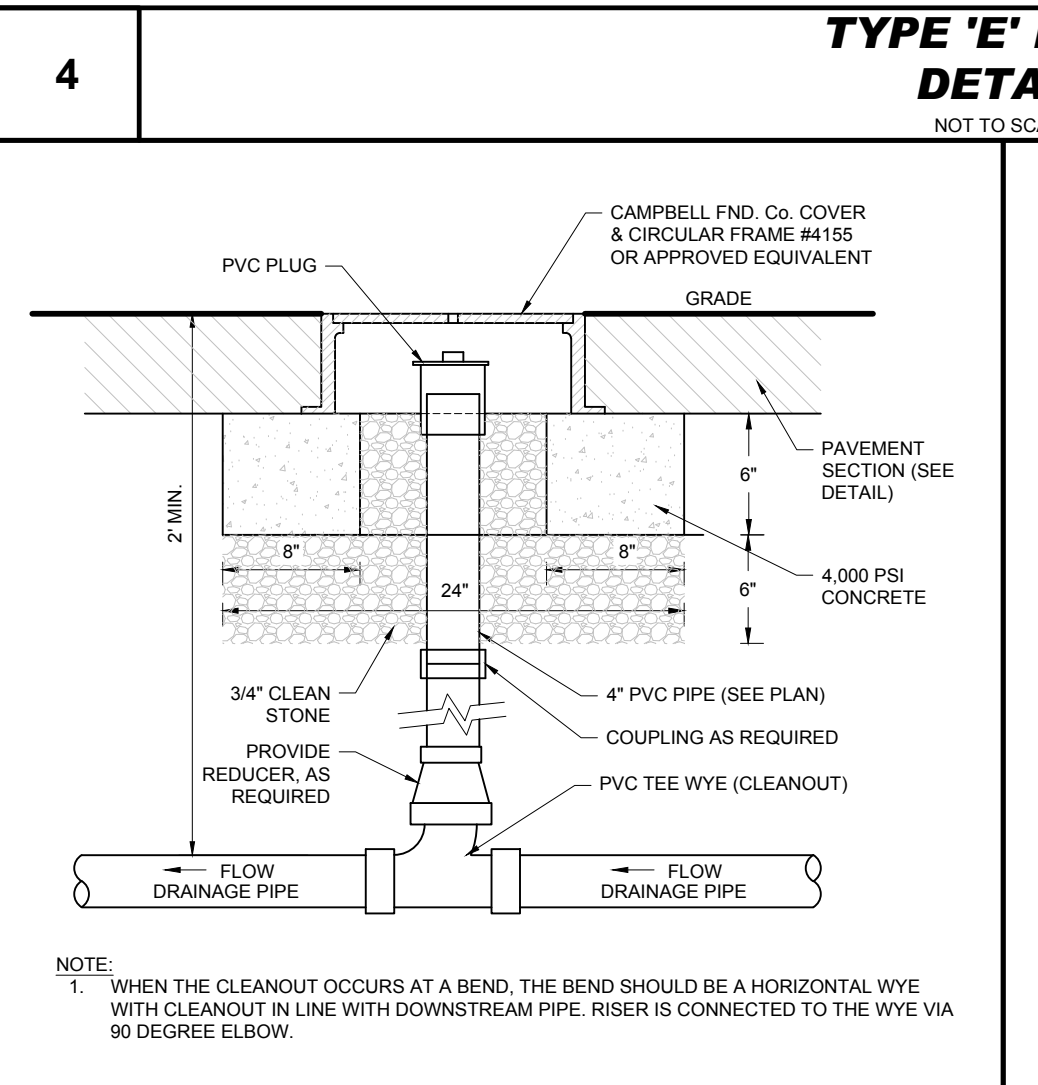
**12" YARD INLET**

NOT TO SCALE (NJ-U010208 - 08/2023)



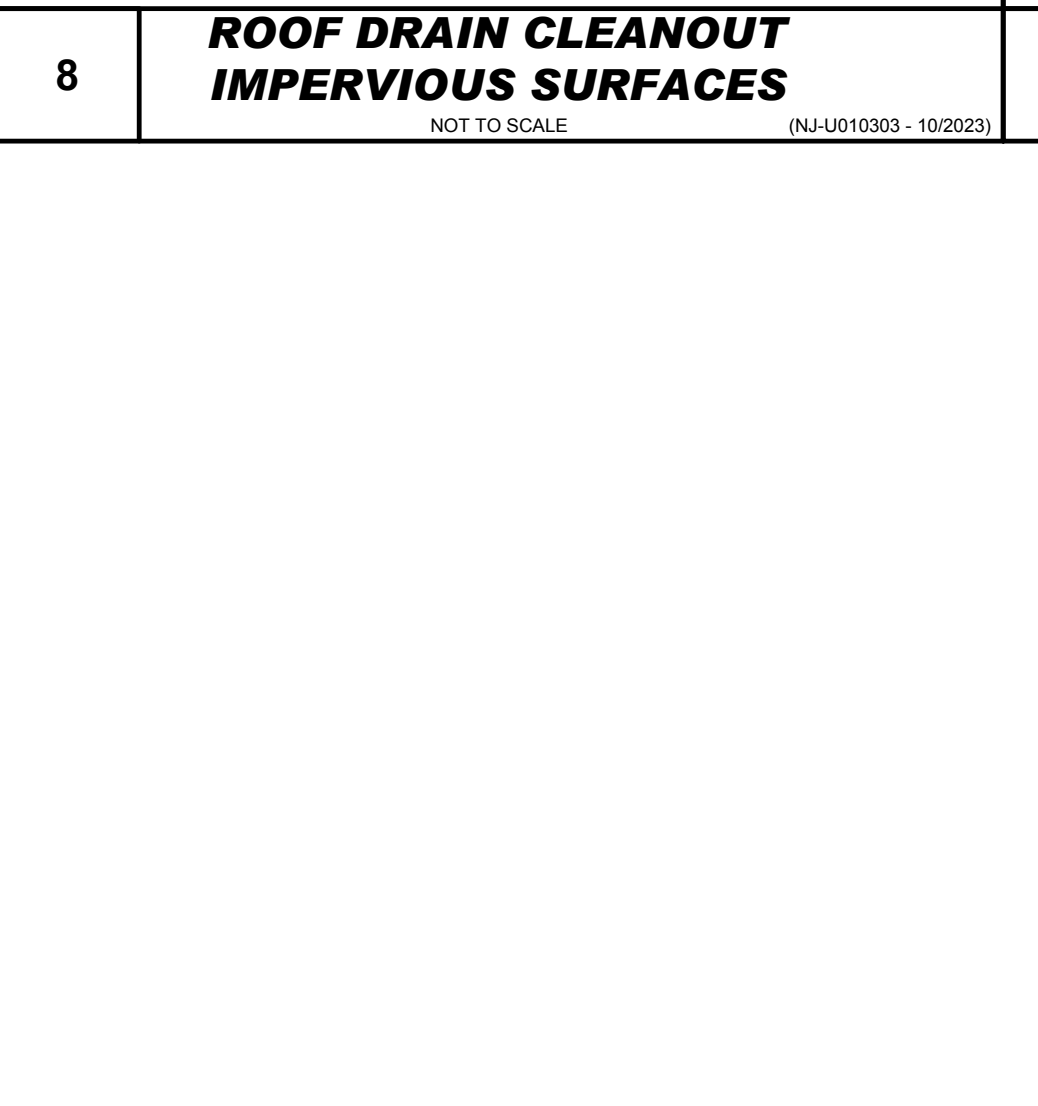
**TYPE 'E' INLET DETAIL**

NOT TO SCALE (NJ-U010215 - 07/2024)



**DOWNSPOUT CONNECTION**

NOT TO SCALE (BE-U019901 - 08/2023)



**ROOF DRAIN CLEANOUT IMPERVIOUS SURFACES**

NOT TO SCALE (NJ-U010303 - 10/2023)

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TRANSPORTATION SERVICES

**REVISIONS**

REV	DATE	COMMENT	BY	CHKD BY
1	09/19/2025	REV PER VILLAGE COMMENTS		

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**ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL**

PROJECT No.: NJD240053-00-1A  
DRAWN BY: JGR/ND/KK  
CHECKED BY: MD/BC  
DATE: 08/20/2025  
CAD ID: P-CIVL-CND5

**PRELIMINARY AND FINAL MAJOR SITE PLAN**

**WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS**

BLOCK 2404, LOT 3 & BLOCK 2403, LOT 17.01  
6 SOUTH MONROE STREET  
VILLAGE OF RIDGEWOOD  
BERGEN COUNTY, NEW JERSEY

**BOHLER**

BOHLER, LLC  
30 GARDNER SQUARE  
RIDGEWOOD, NJ 07450  
Phone: (551) 307-1400  
www.BohlerEngineering.com

**B.S. CROWDER**

PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 52263  
PENNSYLVANIA LICENSE No. 088764  
NEW YORK LICENSE No. 100802

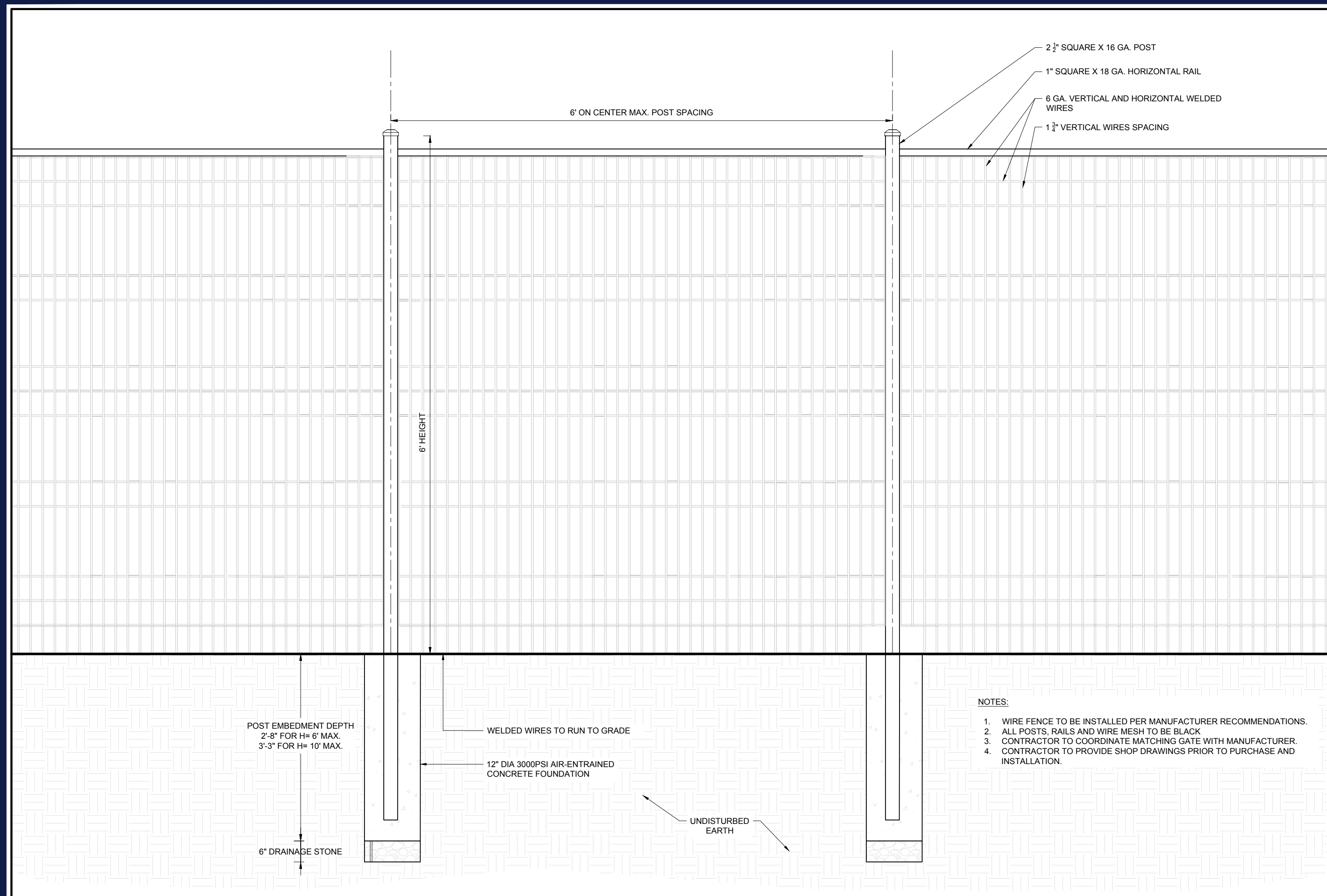
**CONSTRUCTION DETAILS**

SHEET NUMBER:  
**C-903**

REVISION 1 - 09/19/2025



I:\BOHLER\NET\SHARES\NJ-PROJECTS\2025\NJ-240053\CAD\DRAWINGS\PLAN SET\CIVIL SITE PLAN\PP-CIVIL-CNDS-MJD240053.DWG-1A-----LAYOUT: C-905 DETL



- NOTES:
1. WIRE FENCE TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.
  2. ALL POSTS, RAILS AND WIRE MESH TO BE BLACK.
  3. CONTRACTOR TO COORDINATE MATCHING GATE WITH MANUFACTURER.
  4. CONTRACTOR TO PROVIDE SHOP DRAWINGS PRIOR TO PURCHASE AND INSTALLATION.

**6' HIGH WIRE FENCE DETAIL**

NOT TO SCALE

1

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REV	DATE	COMMENT	DRAWN BY	CHECKED BY
1	09/19/2025	REV PER VILLAGE COMMENTS	KK	MD

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PROJECT No.: NJD240053-00-1A  
 DRAWN BY: JGR/ND/KK  
 CHECKED BY: MD/BC  
 DATE: 09/30/2025  
 CAD ID: P-CIVIL-CNDS

PROJECT:  
**PRELIMINARY AND FINAL MAJOR SITE PLAN**  
 FOR  
**WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS**  
 BLOCK 2404, LOT 3 & BLOCK 2403, LOT 17.01  
 6 SOUTH MONROE STREET  
 VILLAGE OF RIDGEWOOD  
 BERGEN COUNTY, NEW JERSEY

**BOHLER** //  
 BOHLER, LLC  
 30 GARBER SQUARE  
 RIDGEWOOD, NJ 07450  
 Phone: (551) 307-1400  
 www.BohlerEngineering.com  
 NJ CERT. OF AUTHORIZATION NO. 24GA28191700 & MH000122

**B.S. CROWDER**  
 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 52263  
 PENNSYLVANIA LICENSE No. 086764  
 NEW YORK LICENSE No. 100802

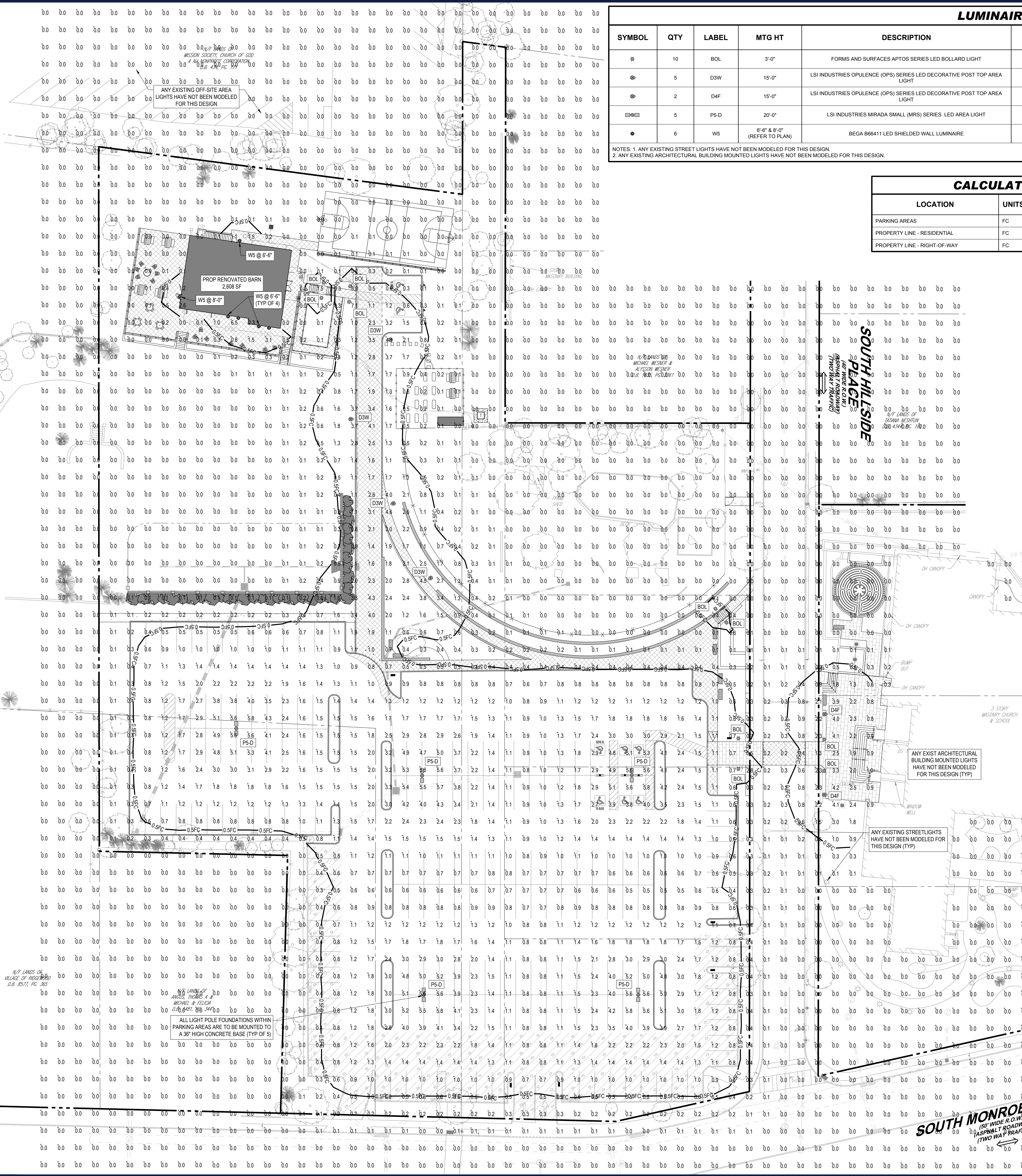
SHEET TITLE:  
**CONSTRUCTION DETAILS**

SHEET NUMBER:  
**C-905**

REVISION 1 - 09/19/2025







### LUMINAIRE SCHEDULE

SYMBOL	QTY	LABEL	MTG HT	DESCRIPTION	ARRNGMNT	LUMENS	LLF	COLOR TEMP	IES FILENAME	CATALOG #
BOL	10	BOL	3'-0"	FORMS AND SURFACES APTOS SERIES LED BOLLARD LIGHT	SINGLE	205	0.900	3,000K	LBAPT_LED-360-3K.IES	LBAPT-AC (3000K)
D3W	5	D3W	15'-0"	LSI INDUSTRIES OPULENCE (OPS) SERIES LED DECORATIVE POST TOP AREA LIGHT	SINGLE	5,548	0.900	3,000K	OPS-PT-06L-3W-30K-UD.IES	OPS-PT-06L-3W-30K-30K8-BLK
D4F	2	D4F	15'-0"	LSI INDUSTRIES OPULENCE (OPS) SERIES LED DECORATIVE POST TOP AREA LIGHT	SINGLE	5,528	0.900	3,000K	OPS-PT-06L-4F-30K-UD.IES	OPS-PT-06L-4F-30K-30K8-BLK
P5-D	5	P5-D	20'-0"	LSI INDUSTRIES MIRADA SMALL (MRS) SERIES LED AREA LIGHT	BACK-TO-BACK	14,304 (X2)	0.900	3,000K	MRS-LED-15L-SIL-SW-30-70CRI.IES	MRS-LED-15L-SIL-SW-30X-DIM-30-70CRI-BLK
W5	6	W5	6'-6" & 8'-0" (REFER TO PLAN)	BEGA B66411 LED SHIELDED WALL LUMINAIRE	SINGLE	910	0.900	3,000K	66411K3_BEGA_IES.IES	B66411-3000K-BLK

NOTES: 1. ANY EXISTING STREET LIGHTS HAVE NOT BEEN MODELED FOR THIS DESIGN.  
2. ANY EXISTING ARCHITECTURAL BUILDING MOUNTED LIGHTS HAVE NOT BEEN MODELED FOR THIS DESIGN.

### CALCULATION SUMMARY

LOCATION	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PARKING AREAS	FC	1.68	5.8	0.3	5.60:1	19.33:1
PROPERTY LINE - RESIDENTIAL	FC	0.01	0.1	0.0	N.A.	N.A.
PROPERTY LINE - RIGHT-OF-WAY	FC	0.54	5.5	0.0	N.A.	N.A.

### VILLAGE REQUIREMENTS

PER SECTION: 190-85 LIGHTING

LOCATION	REQUIRED	PROPOSED
MAXIMUM LIGHT HEIGHT	20'	20' (COMPLIES)

PER SECTION: 190-119(F) LIGHTING

LOCATION	REQUIRED	PROPOSED
MAXIMUM ILLUMINATION AT RESIDENTIAL PROPERTY LINES	0.1 FC	0.1 FC (COMPLIES)

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1	09/19/2025	REV PER VILLAGE COMMENTS	KK	MD

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PROJECT No.: NJD240053-00-1A  
DRAWN BY: JGR/RDKK  
CHECKED BY: MID/BC  
DATE: 08/20/2025  
CAD ID: P-CVIL-LGHT

PROJECT: **PRELIMINARY AND FINAL MAJOR SITE PLAN**  
**WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY**  
PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS  
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NEW JERSEY LICENSE NO. 52263  
PENNSYLVANIA LICENSE NO. 083764  
NEW YORK LICENSE NO. 100602

SHEET TITLE: **LIGHTING PLAN**  
SHEET NUMBER: **L-201**  
REVISION 1 - 09/19/2025

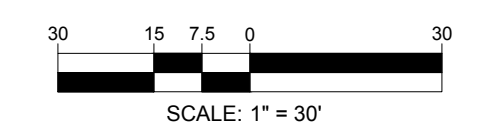


- ### LIGHTING NOTES
- THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.
  - THE LIGHTING CONTRACTOR MUST COMPLY WITH ALL APPLICABLE CONTRACTOR REQUIREMENTS INDICATED IN THE PLANS, INCLUDING BUT NOT LIMITED TO GENERAL NOTES, GRADING AND UTILITY NOTES, SITE SAFETY, AND ALL AGENCY AND GOVERNMENTAL REGULATIONS.
  - THE LIGHTING PLAN DEPICTS PROPOSED, SUSTAINED ILLUMINATION LEVELS CALCULATED USING DATA PROVIDED BY THE NOTED MANUFACTURER. ACTUAL, SUSTAINED ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, THE SERVICE LIFE OF EQUIPMENT AND LUMINAIRES AND OTHER RELATED VARIABLE FIELD CONDITIONS.
  - THE LIGHTING VALUES AND CALCULATION POINTS DEPICTED ON THIS PLAN ARE ANALYZED ON A HORIZONTAL GEOMETRIC PLANE AT GROUND LEVEL UNLESS OTHERWISE NOTED. ILLUMINATION LEVELS ARE SHOWN IN FOOT CANDLES (FC).
  - THE LUMINAIRES, LAMPS AND LENSES MUST BE REGULARLY INSPECTED/MAINTAINED TO ENSURE THAT THEY FUNCTION PROPERLY. THIS WORK SHOULD INCLUDE, BUT IS NOT LIMITED TO, VISUAL OBSERVATION, CLEANING OF LENSES, AND RE-LAMPING ACCORDING TO MANUFACTURER RECOMMENDATIONS. FAILURE TO FOLLOW THE ABOVE STEPS COULD RESULT IN IMPROPER LIGHT DISTRIBUTION AND FAILURE TO COMPLY WITH THE APPROVED DESIGN. UPON COMPLETION AND OWNERS ACCEPTANCE OF THE WORK, THE ABOVE RESPONSIBILITIES BECOMES SOLELY THE OWNER'S.
  - THE LIGHTING PLAN IS INTENDED TO SHOW THE LOCATIONS AND TYPE OF LUMINAIRES, POWER SYSTEM, CONDUITS, WIRING AND OTHER ELECTRICAL COMPONENTS ARE SOLELY THE ARCHITECT'S, MECHANICAL ENGINEER'S AND/OR LIGHTING CONTRACTOR'S RESPONSIBILITY, AS INDICATED IN THE CONSTRUCTION CONTRACT DOCUMENTS. THE LIGHTING CONTRACTOR MUST COORDINATE WITH THE PROJECT ARCHITECT AND/OR ELECTRICAL ENGINEER REGARDING ANY AND ALL POWER SOURCES AND THING DEVICES NECESSARY TO MEET THE DESIGN INTENT. THESE ITEMS MUST BE INSTALLED AS REQUIRED BY STATE AND LOCAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF LIGHTING FIXTURES AND APPURTENANCES IN ACCORDANCE WITH ALL APPLICABLE BUILDING AND ELECTRICAL CODES.
  - THE CONTRACTOR MUST BRING IMMEDIATELY, IN WRITING, ANY LIGHT LOCATIONS THAT CONFLICT WITH DRAINAGE, UTILITIES, OR OTHER STRUCTURE(S) TO THE PROFESSIONAL OF RECORD'S ATTENTION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
  - THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT SHIELDING AND OR ROTATED OPTICS ARE INSTALLED AS INDICATED ON THE PLAN IN ORDER TO ACHIEVE THE LIGHTING LEVELS THE REVIEWING AGENCY APPROVED.
  - THE ACTUAL LIGHTING LEVELS MUST BE VERIFIED IN THE FIELD AND FIXTURES ADJUSTED ACCORDINGLY, BY THE CONTRACTOR, TO ACHIEVE THE APPROVED LIGHT LEVELS.
  - ILLUMINATION LEVELS SHOWN ON THE PLAN HAVE BEEN CALCULATED FOR PROPOSED LIGHTS ONLY. ACTUAL ILLUMINATION LEVELS IN THE FIELD MAY DIFFER FROM THOSE DEPICTED ON THE PLAN DUE TO INTERFERENCE FROM EXISTING/AMBIENT LIGHTS WHOSE ILLUMINATION LEVELS ARE NOT REFLECTED ON THIS PLAN.
  - ILLUMINATION LEVELS SHOWN ON THE PLAN WERE CALCULATED WITH LIGHTING DESIGN SOFTWARE AG32 BY LIGHTING ANALYST.

REFER TO DETAIL SHEET FOR LIGHT POLE FOUNDATION DETAIL

THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY

REFER TO NOTES AND REFERENCES SHEET FOR ADDITIONAL NOTES, REFERENCES AND SPECIFICATIONS.



I:\BOHLER\NET\SHARE\B\PROJECT\2025\02\240053-00\CAD\DRAWINGS\PLAN SET\CIVIL SITE PLAN\SP-CVIL-LGHT.NJD240053-00-1A-LAYOUT-1-L-201.LGHT

## Steel Round Straight Poles (RP/RPU) New Build and Retrofit

OVERVIEW	
Height (ft)	8 - 30
Thickness (Gd)	2, 10, 11
Diameter (in)	4 or 5

- QUICK LINKS**
- Ordering Guide
  - Performance
  - Photometrics
  - Dimensions

### FEATURES & SPECIFICATIONS

- Pole Shaft**
- Steel round poles are 4" or 5" in diameter.
  - Pole shaft is electro-welded ASTM-A500 Grade C Steel Tubing with a minimum yield strength of 46,000 psi.
  - On Tenon Mount steel poles, tenon is high-strength pipe. Tenon N option is 2-3/8" O.D. x 4-5/8" tall. Tenon 4N option is 4" O.D. x 4-7/8" tall.
- Hand-Hole**
- Standard hand-hole location is 12" above pole base.
  - Poles 18" and above have a 3x6 reinforced hand hole.
- Base**
- Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 psi.
  - Two-piece square base cover is optional. Decorative base cover is also available.
- Anchor Bolts**
- Anchor bolts are not provided as standard on pole orders. Anchor bolts must be ordered as an accessory; anchor bolts feature zinc-plated double nuts and washers. Galvanized anchor bolts are optional.
  - Anchor Bolts conform to ASTM F 1554-07a Grade 55 with a minimum yield strength of 55,000 PSI.
- Ground Lug**
- Ground lug is standard.
- Duplex Receptacle**
- Weatherproof duplex receptacle is optional.
- Ground Fault Circuit Interrupter**
- Self-testing Ground Fault circuit interrupter is optional.
- Finishes**
- Every pole is provided with the DuraGrip Protection System and a 5-year limited warranty. NOTE: Warranty only applies to the finish.
  - When the top-of-the-line DuraGrip Plus Protection System is selected, in addition to the DuraGrip Protection System, a non-porous, automotive-grade corrosion coating is applied to the lower portion of the pole interior sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years. NOTE: Warranty only applies to the finish.
- Determining the Luminaire/Pole Combination For Your Application**
- Select luminaire from luminaire/ordering information.
  - Select bracket configuration if required.
  - Determine EPA value from luminaire/bracket EPA chart.
  - Select Pole Height.
- Select MPH to match wind speed in the application area (See windspeed maps).**
- Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA.**
- Consult factory for special wind load requirements and banner brackets.**
- A pole vibration damper is recommended in open terrain areas of the country where low steady state winds are common.**
- Non-tapered poles and lightly loaded poles are more susceptible to destructive vibration if a damper is not installed.**
- LSI poles come standard with a 1 year materials and workmanship warranty. Refer to <https://www.lsiincorp.com/resources/terms-conditions-warranty/> for more information.**
- UL Listed**
- UL Listed
  - BAA/TAA Compliant
  - BABAA Compliant "if Specified"

## Steel Round Straight Poles (RP/RPU) New Build and Retrofit

OVERVIEW	
Height (ft)	8 - 30
Thickness (Gd)	2, 10, 11
Diameter (in)	4 or 5

- ORDERING GUIDE**
- TYPICAL ORDER EXAMPLE: 40P BS S07G 24 S PIP DGP**
- | Part Number | Description                                 |
|-------------|---|
| 40P         | 4" Diameter Round Straight Pole (New Build) |
| BS          | 5" Traditional Drilling Pattern             |
| S07G        | 24' Height                                  |
| 24 S        | 2" x 4" Square Pole                         |
| PIP         | 10' Tenon Mount (Standard)                  |
| DGP         | Weatherproof Duplex Receptacle              |
- Need more information?** [Click here for our glossary.](#)
- Have additional questions?** Call us at (800) 436-7800
- ACCESSORY ORDERING INFORMATION**
- | Part Number | Description  |
|-------------|--|
| 124500R     | 4" Square Base Cover   |
| 124501R     | 5" Square Base Cover   |
| 409626R     | 5" Round Hand Hole (Reinforced Hand Hole)  |
| 409595R     | 4" x 7" Hand Hole (Reinforced Hand Hole)   |
| 122551R     | Weatherproof Duplex Receptacle (Pole below 18')                                  |
| 122566R     | Weatherproof Duplex Receptacle (Pole 18' and above)                              |
| 122504R     | Ground Fault Circuit Interrupter (Pole below 18')                                |
| 122505R     | Ground Fault Circuit Interrupter (Pole 18' and above)                            |
| 122576R     | Mounting Hole Plugs for use with 2" traditional drill pattern (5 set of 5 plugs) |
| 60112R      | Mounting Hole Plugs for use with 2" reinforced drill pattern (5 set of 5 plugs)  |
| 72544R      | Mounting Hole Plugs for use with 2" reinforced drill pattern (5 set of 5 plugs)  |
| 72529R      | Mounting Hole Plugs for use with 2" traditional drill pattern (5 set of 5 plugs) |
| 122582R     | Vibration Damper - 4" Square Pole (both on mount only)                           |
| 122583R     | Vibration Damper - 5" Square Pole (both on mount only)                           |
- Anchor Bolt Kit ORDERING INFORMATION**
- | Part Number   | Description                         |
|---------------|-------------------------------------|
| AB KIT 12262R | 40" 1306 Anchor Bolts (Steel Plate) |
| AB KIT 12267R | 40" 1306 Anchor Bolts (Galvanized)  |
| AB KIT 12540R | 50P 1516 Anchor Bolts (Steel Plate) |
| AB KIT 12541R | 50P 1516 Anchor Bolts (Galvanized)  |
| AB KIT 12265R | 50P 1516 Anchor Bolts (Steel Plate) |
| AB KIT 12266R | 50P 1516 Anchor Bolts (Galvanized)  |
- Consult factory for EPA Calculations**
- 1** See with PMA. **2** See with PMA. **3** See with PMA. **4** See with PMA. **5** See with PMA. **6** See with PMA. **7** See with PMA. **8** See with PMA. **9** See with PMA.

## Steel Poles Square Straight

OVERVIEW	
Height (ft)	8 - 30
Thickness (Gd)	2, 10, 11
Diameter (in)	4 or 5

- QUICK LINKS**
- Ordering Guide
  - Configurations
  - Dimensions
  - EPA
- FEATURES & SPECIFICATIONS**
- Pole Shaft**
- Straight poles are 4", 5", or 6" square.
  - Pole shaft is electro-welded ASTM-A500 Grade C steel tubing with a minimum yield strength of 50,000 psi.
  - On Tenon Mount steel poles, tenon is 2-3/8" O.D. high-strength pipe. Tenon is 4-3/4" in length.
- Hand-Hole**
- Standard hand-hole location is 12" above pole base.
  - Poles 22" and above have a 3x6 reinforced hand hole.
- Base**
- Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 psi.
  - Two-piece square base cover is optional.
- Anchor Bolts**
- Anchor bolts are not provided as standard on pole orders. Anchor bolts must be ordered as an accessory; anchor bolts feature zinc-plated double nuts and washers. Galvanized anchor bolts are optional.
  - Anchor Bolts conform to ASTM F 1554-07a Grade 55 with a minimum yield strength of 55,000 PSI.
- Ground Lug**
- Ground lug is standard.
- Duplex Receptacle**
- Weatherproof duplex receptacle is optional.
- Ground Fault Circuit Interrupter**
- Self-testing Ground Fault circuit interrupter is optional.
- Finishes**
- Every pole is provided with the DuraGrip Protection System and a 5-year limited warranty. NOTE: Warranty only applies to the finish.
  - When the top-of-the-line DuraGrip Plus Protection System is selected, in addition to the DuraGrip Protection System, a non-porous, automotive-grade corrosion coating is applied to the lower portion of the pole interior sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years. NOTE: Warranty only applies to the finish.
- Determining the Luminaire/Pole Combination For Your Application**
- Select luminaire from luminaire/ordering information.
  - Select bracket configuration if required.
  - Determine EPA value from luminaire/bracket EPA chart.
  - Select Pole Height.
  - Select MPH to match wind speed in the application area (See windspeed maps).
  - Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA.
- Select MPH to match wind speed in the application area (See windspeed maps).**
- Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA.**
- Consult factory for special wind load requirements and banner brackets.**
- A pole vibration damper is recommended in open terrain areas of the country where low steady state winds are common.**
- Non-tapered poles and lightly loaded poles are more susceptible to destructive vibration if a damper is not installed.**
- LSI poles come standard with a 1 year materials and workmanship warranty. Refer to <https://www.lsiincorp.com/resources/terms-conditions-warranty/> for more information.**
- UL Listed**
- UL Listed
  - BAA/TAA Compliant
  - BABAA Compliant "if Specified"

## Steel Poles Square Straight

OVERVIEW	
Height (ft)	8 - 30
Thickness (Gd)	2, 10, 11
Diameter (in)	4 or 5

- QUICK LINKS**
- Ordering Guide
  - Configurations
  - Dimensions
  - EPA
- FEATURES & SPECIFICATIONS**
- Pole Shaft**
- Straight poles are 4", 5", or 6" square.
  - Pole shaft is electro-welded ASTM-A500 Grade C steel tubing with a minimum yield strength of 50,000 psi.
  - On Tenon Mount steel poles, tenon is 2-3/8" O.D. high-strength pipe. Tenon is 4-3/4" in length.
- Hand-Hole**
- Standard hand-hole location is 12" above pole base.
  - Poles 22" and above have a 3x6 reinforced hand hole.
- Base**
- Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 psi.
  - Two-piece square base cover is optional.
- Anchor Bolts**
- Anchor bolts are not provided as standard on pole orders. Anchor bolts must be ordered as an accessory; anchor bolts feature zinc-plated double nuts and washers. Galvanized anchor bolts are optional.
  - Anchor Bolts conform to ASTM F 1554-07a Grade 55 with a minimum yield strength of 55,000 PSI.
- Ground Lug**
- Ground lug is standard.
- Duplex Receptacle**
- Weatherproof duplex receptacle is optional.
- Ground Fault Circuit Interrupter**
- Self-testing Ground Fault circuit interrupter is optional.
- Finishes**
- Every pole is provided with the DuraGrip Protection System and a 5-year limited warranty. NOTE: Warranty only applies to the finish.
  - When the top-of-the-line DuraGrip Plus Protection System is selected, in addition to the DuraGrip Protection System, a non-porous, automotive-grade corrosion coating is applied to the lower portion of the pole interior sealing and further protecting it from corrosion. This option extends the limited warranty to 7 years. NOTE: Warranty only applies to the finish.
- Determining the Luminaire/Pole Combination For Your Application**
- Select luminaire from luminaire/ordering information.
  - Select bracket configuration if required.
  - Determine EPA value from luminaire/bracket EPA chart.
  - Select Pole Height.
  - Select MPH to match wind speed in the application area (See windspeed maps).
  - Confirm pole EPA equal to or exceeding value of luminaire/bracket EPA.
- Select MPH to match wind speed in the application area (See windspeed maps).**
- Consult factory for special wind load requirements and banner brackets.**
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- Non-tapered poles and lightly loaded poles are more susceptible to destructive vibration if a damper is not installed.**
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## Steel Poles Square Straight

OVERVIEW	
Height (ft)	8 - 30
Thickness (Gd)	2, 10, 11
Diameter (in)	4 or 5

- QUICK LINKS**
- Ordering Guide
  - Performance
  - Photometrics
  - Dimensions
- FEATURES & SPECIFICATIONS**
- Pole Shaft**
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BOHLER, LLC  
10000 ALLIANCE RD. CINCINNATI, OH 45242  
(513) 372-3200  
WWW.BOHLER.COM

### REVISIONS

REV	DATE	COMMENT	CHECKED BY
1	09/19/2025	REV PER VILLAGE COMMENTS	KK MD

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### ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE.

PROJECT No.:	NJ0240553-00-1A
DRAWN BY:	JGR/ND/KK
CHECKED BY:	MD/BC
DATE:	08/20/2025
CAD ID.:	P-CV-LIGHT

### PRELIMINARY AND FINAL MAJOR SITE PLAN

**WEST SIDE PRESBYTERIAN CHURCH OF RIDGEWOOD, NEW JERSEY PROPOSED CAMPUS MASTER PLAN IMPROVEMENTS**  
BLOCK 2404, LOT 3 & BLOCK 2403, LOT 17.01  
6 SOUTH MONROE STREET  
VILLAGE OF RIDGEWOOD  
BERGEN COUNTY, NEW JERSEY

**BOHLER**  
BOHLER, LLC  
30 GARBER SQUARE  
RIDGEWOOD, NJ 07450  
Phone: (551) 307-1400  
www.BohlerEngineering.com  
NJ CERT. OF AUTHORIZATION NO. 24628191700 & M6000122

**B.S. CROWDER**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 52263  
PENNSYLVANIA LICENSE NO. 086764  
NEW YORK LICENSE NO. 100802

SHEET TITLE:

### LIGHTING DETAILS

SHEET NUMBER:  
**L-202**

REVISION 1 - 09/19/2025

**CONTRACTOR TO FIELD CUT POLE (AS REQUIRED) FOR ALL AREA LIGHT FIXTURES LOCATED ON A 36" HIGH CONCRETE BASE TO ENSURE MAXIMUM HEIGHT IS COMPLIANT PER APPROVED CONDITIONS. ALL LIGHT POLES PROPOSED BEHIND CURBS ARE REQUIRED TO BE A MINIMUM OF 2.5 FEET BEHIND CURBLINES**

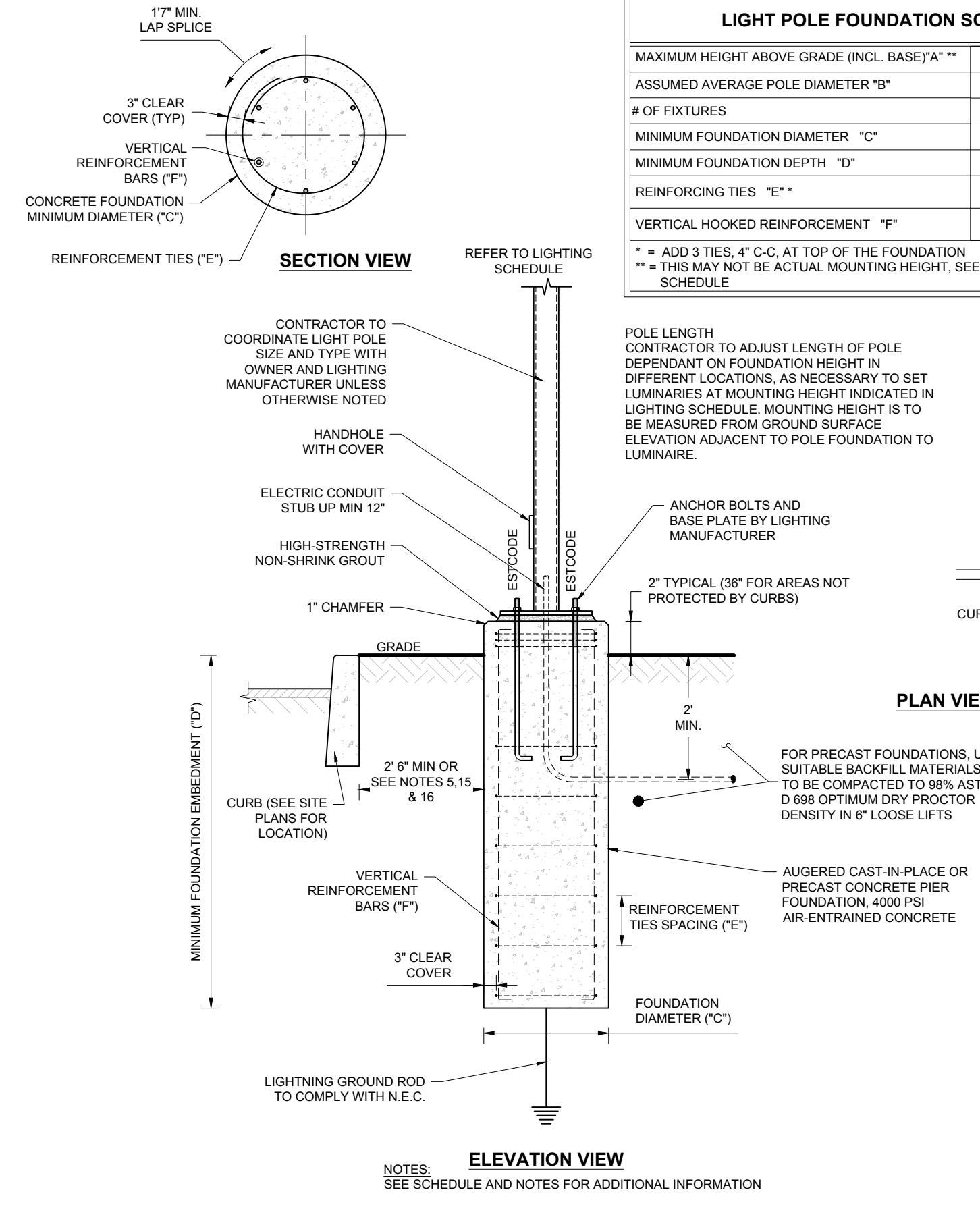
**CONTRACTOR TO COORDINATE LIGHT POLE LIGHT POLE COLOR TO MATCH FIXTURE: BLACK**

**CONTRACTOR TO FIELD CUT POLE (AS REQUIRED) FOR ALL AREA LIGHT FIXTURES LOCATED ON A 36" HIGH CONCRETE BASE TO ENSURE MAXIMUM HEIGHT IS COMPLIANT PER APPROVED CONDITIONS. ALL LIGHT POLES PROPOSED BEHIND CURBS ARE REQUIRED TO BE A MINIMUM OF 2.5 FEET BEHIND CURBLINES**

**CONTRACTOR TO COORDINATE LIGHT POLE LIGHT POLE COLOR TO MATCH FIXTURE: BLACK**

### DECORATIVE POST TOP LIGHT POLE SPECIFICATION

SOURCE: LSI INDUSTRIES NOT TO SCALE



### LIGHT POLE FOUNDATION DESIGN CRITERIA

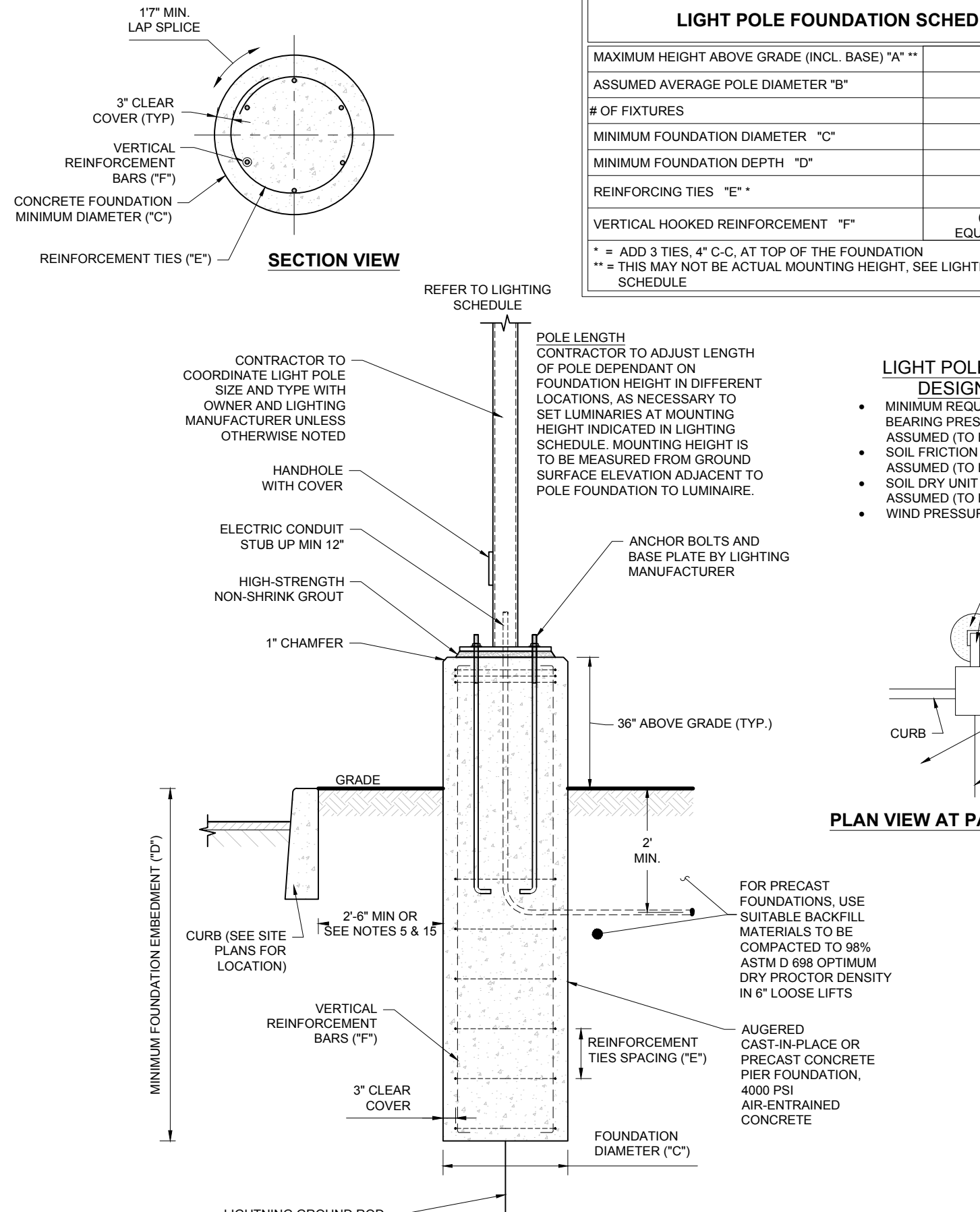
- MINIMUM REQUIRED ALLOWABLE BEARING PRESSURE = 1,000 PSF - ASSUMED (TO BE VERIFIED IN FIELD)
- SOIL FRICTION ANGLE = 30 DEG - ASSUMED (TO BE VERIFIED IN FIELD)
- SOIL DRY UNIT WEIGHT = 120 PCF - ASSUMED (TO BE VERIFIED IN FIELD)
- WIND PRESSURE = 30 PSF

### DECORATIVE POST TOP LIGHT POLE FOUNDATION

NOT TO SCALE (MODIFIED) (NJ-010101 - 01/2025)

### AREA LIGHT POLE SPECIFICATION

SOURCE: LSI INDUSTRIES NOT TO SCALE



### LIGHT POLE FOUNDATION DESIGN CRITERIA

- MINIMUM REQUIRED ALLOWABLE BEARING PRESSURE = 1,000 PSF - ASSUMED (TO BE VERIFIED IN FIELD)
- SOIL FRICTION ANGLE = 30 DEG - ASSUMED (TO BE VERIFIED IN FIELD)</