



City of Fitchburg  
 Planning/Zoning Department  
 5520 Lacy Road  
 Fitchburg, WI 53711  
 (608-270-4200)

# ARCHITECTURAL & DESIGN REVIEW APPLICATION

**Applicant/Contact Person:** [redacted] Seminole Pool and Tennis Association

**Address:** 5948 Schumann Dr **Phone Number of Contact Person:** [redacted]

**City, State, Zip Code:** Fitchburg, WI 53711 **Email of Contact Person:** [redacted]

**Project Address:** 5948 Schumann Dr **Lot:** 253 **Subdivision:** Seminole Forest, 6th Addr

**Project Type:**  Multi-Family  Commercial  Industrial  Recreation  Other  
 New  Addition

**Impervious Surface Ratio (ISR):** 55.6% (City Standard: maximum 65% ISR)

All items listed below must be included with the application to be considered complete. If an item is not included with the application, the applicant must provide in writing the basis for not including it. Building and site plans submitted to the Fitchburg Plan Commission for architectural and design review shall contain the following information:

**Site Data:**

- 1. Lot or property dimensions.
- 2. Orientation (to north).
- 3. Adjacent highways, roads, drive, etc.
- 4. Existing natural features (rivers, ponds, wetlands).
- 5. Existing buildings and/or improvements.
- 6. Existing and proposed site drainage.
- 7. Utility plans, including main/lateral sizes and existing fire hydrants on site or within 300 feet of the site
- 8. ISR shall be indicated on all plans.
- 9. Stormwater management plans and details, including grading plan.
- 10. Lighting plan in footcandles and light fixture cut sheets.

**Building:**

- 1. Building size, configuration and orientation.
- 2. Distance from lot lines.
- 3. Distance from other buildings, improvements and natural features.
- 4. Location of well, septic tank, drainfield, etc. (if applicable)
- 5. Additional proposed additions or new structures, including trash/recycling enclosure(s).
- 6. Construction type (wood frame, structural steel, etc.).
- 7. Foundation type (full basement, slab on grade, etc.).
- 8. Number of levels.
- 9. Siding/exterior covering type, color, texture, etc.
- 10. Roof type (gable, hip, shed, flat, etc.) and pitch.
- 11. Roofing material type, color, texture, etc.
- 12. Exterior door and window location, size, type, etc.
- 13. Fire protection sprinklers or fire alarm systems.

**Ingress, Egress, Parking:**

- 1. Location of highway and road access points.
- 2. Location, size, configuration of drivers and walks.
- 3. Number, size, location of parking spaces.
- 4. Location of handicapped parking and accessible building entrances.
- 5. Bicycle rack(s).

**Landscaping:**

- 1. Location, species, size of existing trees, shrubs, and plantings.
- 2. Location, species, size of proposed plantings.
- 3. Location and size of all paved, seeded/sodded and gravelled areas.
- 4. Location of all retaining walls, fences, berms and other landscape features.

**\*It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an ADR application to identify any concerns or issues of surrounding residents.**

The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations.

It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process.

Signed: Tim Liebhold



Date: 3/20/2026

Applicant or Authorized Agent

**\*\*\* Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to [planning@fitchburgwi.gov](mailto:planning@fitchburgwi.gov). Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted.**

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**FOR CITY USE ONLY**

Date Received: \_\_\_\_\_ Plan Commission Date: \_\_\_\_\_

Comments:

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**SITE SURFACING CALCULATIONS**



**Project: Seminole Pool 2.1**

**Date: January 30, 2026**

DRAINAGE AREA	TOTAL SITE AREA (sf)	BUILDING ROOF AREA (sf)	CONCRETE PAVEMENT (sf)	ASPHALT PAVEMENT (sf)	COURTS (sf)	SWIMMING POOL (sf)	CONCRETE POOL DECK (sf)	STORMWATER MGMT (sf)	TOTAL IMPERVIOUS AREA (sf)	PERCENT IMPERVIOUS	LAWN (sf)	TOTAL PERVIOUS AREA (sf)	PERCENT PERVIOUS
EXISTING SITE	146,066	2,903	6,786	26,525	18,929	5,510	14,865	0	75,518	51.70%	70,548	70,548	48.30%
PROPOSED SITE	146,066	2,903	7,561	28,307	18,929	7,496	16,039	0	81,235	55.62%	64,831	64,831	44.38%
PROPOSED TO EXISTING COMPARISON		0	775	1,782	0	1,986	1,174	0	5,717	3.91%	-5,717	-5,717	-3.91%
DRAINAGE AREA	TOTAL DRAINAGE AREA (ac)	BUILDING ROOF AREA (ac)	CONCRETE PAVEMENT (ac)	ASPHALT PAVEMENT (ac)	COURTS (ac)	SWIMMING POOL (ac)	CONCRETE POOL DECK (ac)	STORMWATER MGMT (ac)	TOTAL IMPERVIOUS AREA (ac)	PERCENT IMPERVIOUS	LAWN (ac)	TOTAL PERVIOUS AREA (ac)	PERCENT PERVIOUS
EXISTING SITE	3.3532	0.0666	0.1558	0.6089	0.4346	0.1265	0.3413	0.0000	1.7337	51.70%	1.6196	1.6196	48.30%
PROPOSED SITE	3.3532	0.0666	0.1736	0.6498	0.4346	0.1721	0.3682	0.0000	1.8649	55.62%	1.4883	1.4883	44.38%
PROPOSED TO EXISTING COMPARISON		0.0000	0.0178	0.0409	0.0000	0.0456	0.0270	0.0000	0.1312	3.91%	-0.1312	-0.1312	-3.91%

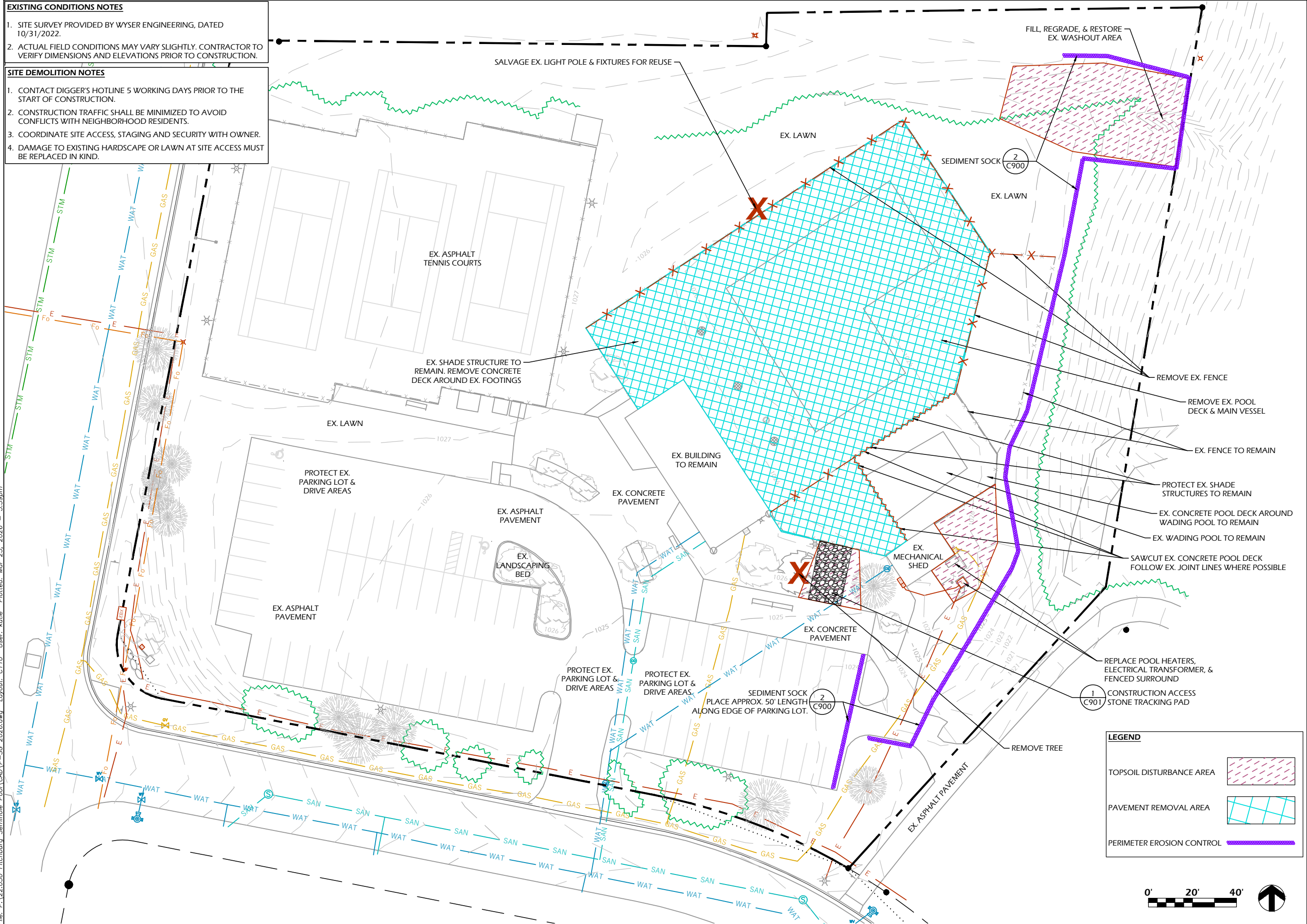


**EXISTING CONDITIONS NOTES**

1. SITE SURVEY PROVIDED BY WYSER ENGINEERING, DATED 10/31/2022.
2. ACTUAL FIELD CONDITIONS MAY VARY SLIGHTLY. CONTRACTOR TO VERIFY DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.

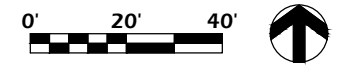
**SITE DEMOLITION NOTES**

1. CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
2. CONSTRUCTION TRAFFIC SHALL BE MINIMIZED TO AVOID CONFLICTS WITH NEIGHBORHOOD RESIDENTS.
3. COORDINATE SITE ACCESS, STAGING AND SECURITY WITH OWNER.
4. DAMAGE TO EXISTING HARDSCAPE OR LAWN AT SITE ACCESS MUST BE REPLACED IN KIND.



**LEGEND**

- TOPSOIL DISTURBANCE AREA (Pink hatched pattern)
- PAVEMENT REMOVAL AREA (Blue grid pattern)
- PERIMETER EROSION CONTROL (Purple line)



**PARKITECTURE + PLANNING**  
 901 Deming Way, Suite 201  
 Madison, WI 53717  
 608.203.8203

**ONE DESIGN & ENGINEERING**  
 Est. 2020  
 802 Ash St, Cambridge, WI 53528 • 608.977.0448 • www.onedesign.com

Project Name: **SEMINOLES POOL 2.1**  
 5948 SCHUMANN DRIVE  
 FITCHBURG, WI 53711

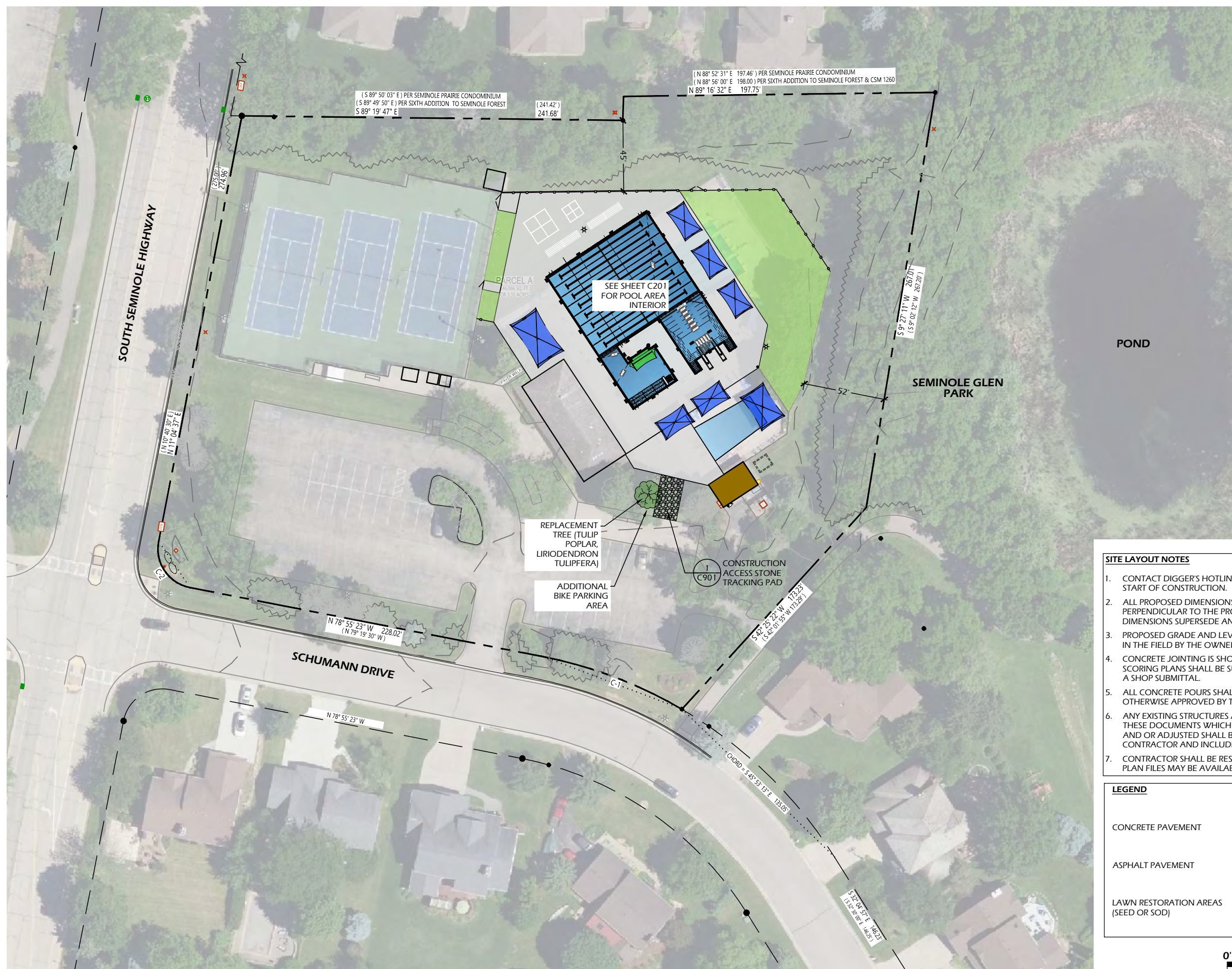
Sheet Title: **DEMOLITION & EROSION CONTROL PLAN**

Project #: 22.050  
 Issued For: REVIEW  
 Date: 3/23/2026

Sheet Number: **C110**

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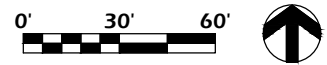


<b>IMPERVIOUS SURFACE RATIO</b>	
IMPERVIOUS SURFACES - 81,235 Sq. Ft.	
LOT AREA - 146,066 Sq. Ft.	
RATIO - ~ 55.6%	

- SITE LAYOUT NOTES**
- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
  - ALL PROPOSED DIMENSIONS ARE REFERENCED PARALLEL OR PERPENDICULAR TO THE PROPOSED FEATURES SHOWN. WRITTEN DIMENSIONS SUPERSEDE ANY SCALED DIMENSIONS.
  - PROPOSED GRADE AND LEVEL SHALL BE PERIODICALLY REVIEWED IN THE FIELD BY THE OWNER OR A/E.
  - CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.
  - ALL CONCRETE POURS SHALL BE DOWELED TOGETHER UNLESS OTHERWISE APPROVED BY THE A/E.
  - ANY EXISTING STRUCTURES AND/OR UTILITIES NOT SHOWN ON THESE DOCUMENTS WHICH NEED TO BE REMOVED, RELOCATED, AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR AND INCLUDED IN THE BASE BID.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STAKING. DIGITAL PLAN FILES MAY BE AVAILABLE FROM THE A/E.

**LEGEND**

CONCRETE PAVEMENT	
ASPHALT PAVEMENT	
LAWN RESTORATION AREAS (SEED OR SOD)	



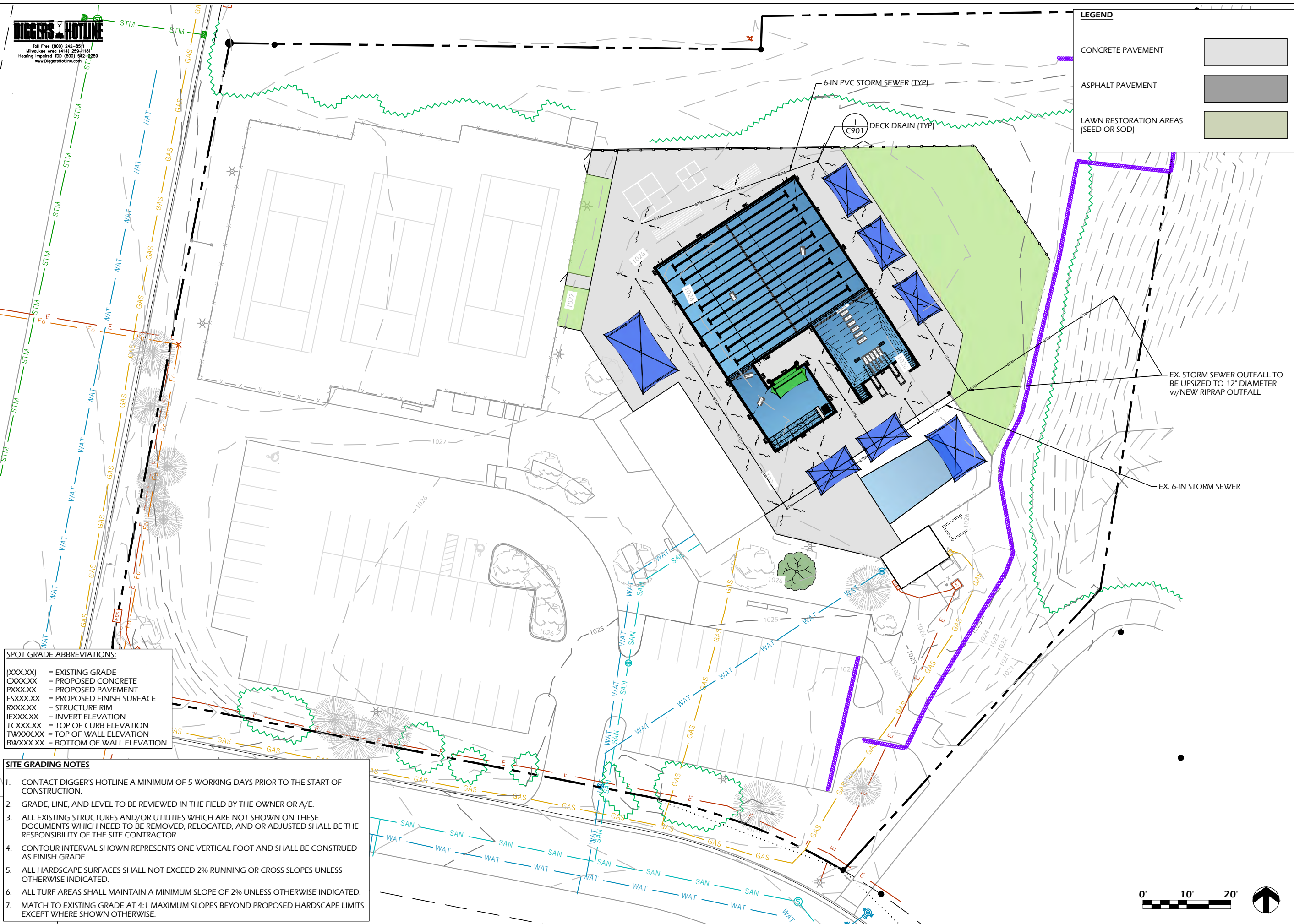




Toll Free (800) 242-8511  
 Milwaukee Area (414) 259-1181  
 Hearing Impaired TDD (800) 542-9289  
 www.DiggersHotline.com

**LEGEND**

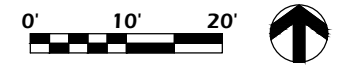
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT
- LAWN RESTORATION AREAS (SEED OR SOD)



**SPOT GRADE ABBREVIATIONS:**

(XXX.XX)	= EXISTING GRADE
CXXX.XX	= PROPOSED CONCRETE
PXXX.XX	= PROPOSED PAVEMENT
FSXXX.XX	= PROPOSED FINISH SURFACE
RXXX.XX	= STRUCTURE RIM
IEXXX.XX	= INVERT ELEVATION
TCXXX.XX	= TOP OF CURB ELEVATION
TWXXX.XX	= TOP OF WALL ELEVATION
BWXXX.XX	= BOTTOM OF WALL ELEVATION

- SITE GRADING NOTES**
- CONTACT DIGGER'S HOTLINE A MINIMUM OF 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
  - GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE OWNER OR A/E.
  - ALL EXISTING STRUCTURES AND/OR UTILITIES WHICH ARE NOT SHOWN ON THESE DOCUMENTS WHICH NEED TO BE REMOVED, RELOCATED, AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR.
  - CONTOUR INTERVAL SHOWN REPRESENTS ONE VERTICAL FOOT AND SHALL BE CONSTRUED AS FINISH GRADE.
  - ALL HARDSCAPE SURFACES SHALL NOT EXCEED 2% RUNNING OR CROSS SLOPES UNLESS OTHERWISE INDICATED.
  - ALL TURF AREAS SHALL MAINTAIN A MINIMUM SLOPE OF 2% UNLESS OTHERWISE INDICATED.
  - MATCH TO EXISTING GRADE AT 4:1 MAXIMUM SLOPES BEYOND PROPOSED HARDSCAPE LIMITS EXCEPT WHERE SHOWN OTHERWISE.



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Project Name: **SEMINOLE POOL 2.1**  
**5948 SCHUMANN DRIVE**  
**FITCHBURG, WI 53711**

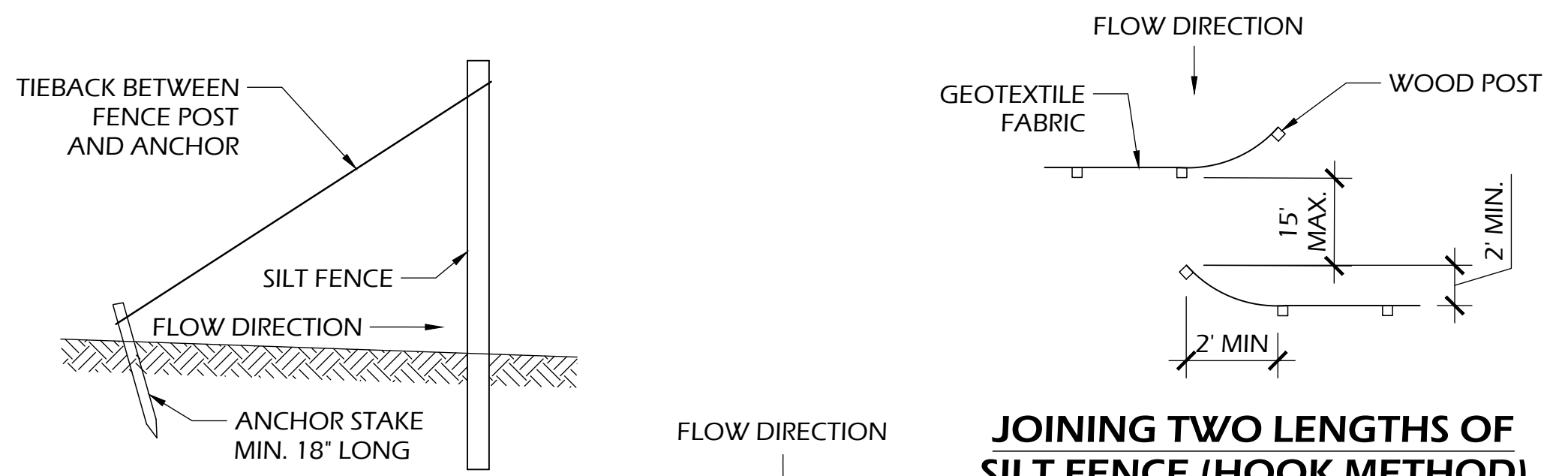
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Revisions:

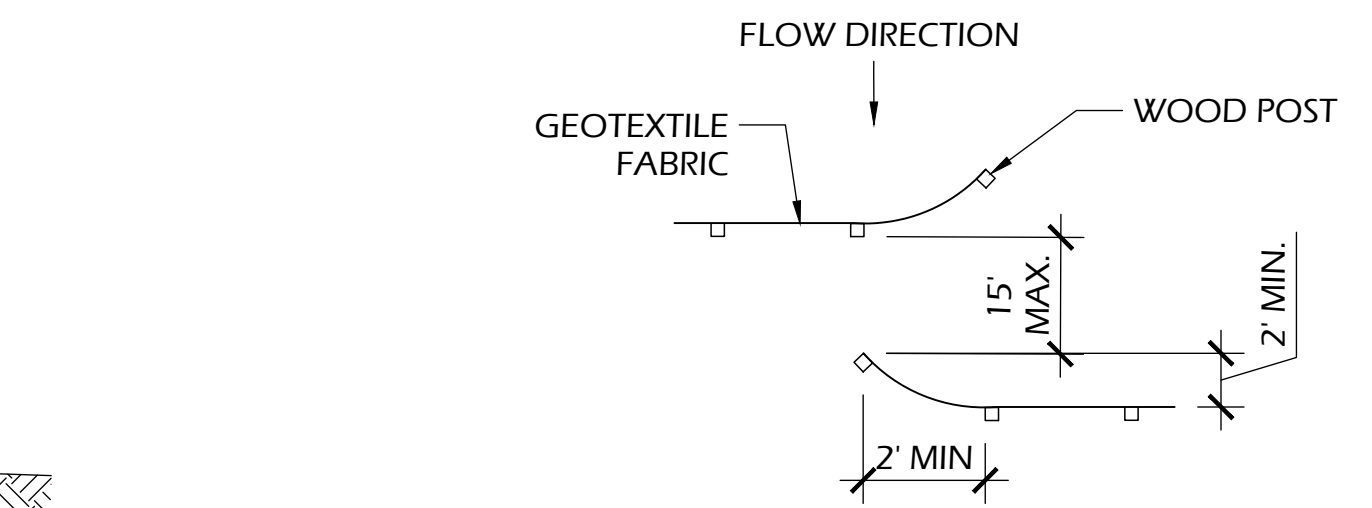
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Issued For:	REVIEW
Date:	3/23/2026
Sheet Number:	<b>C300</b>

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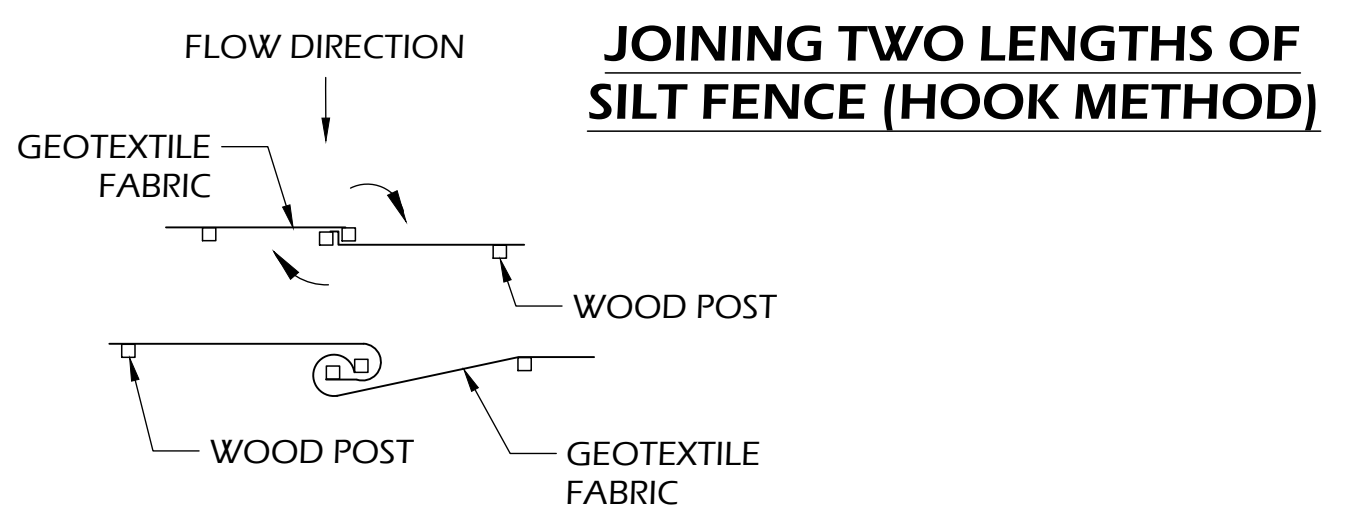
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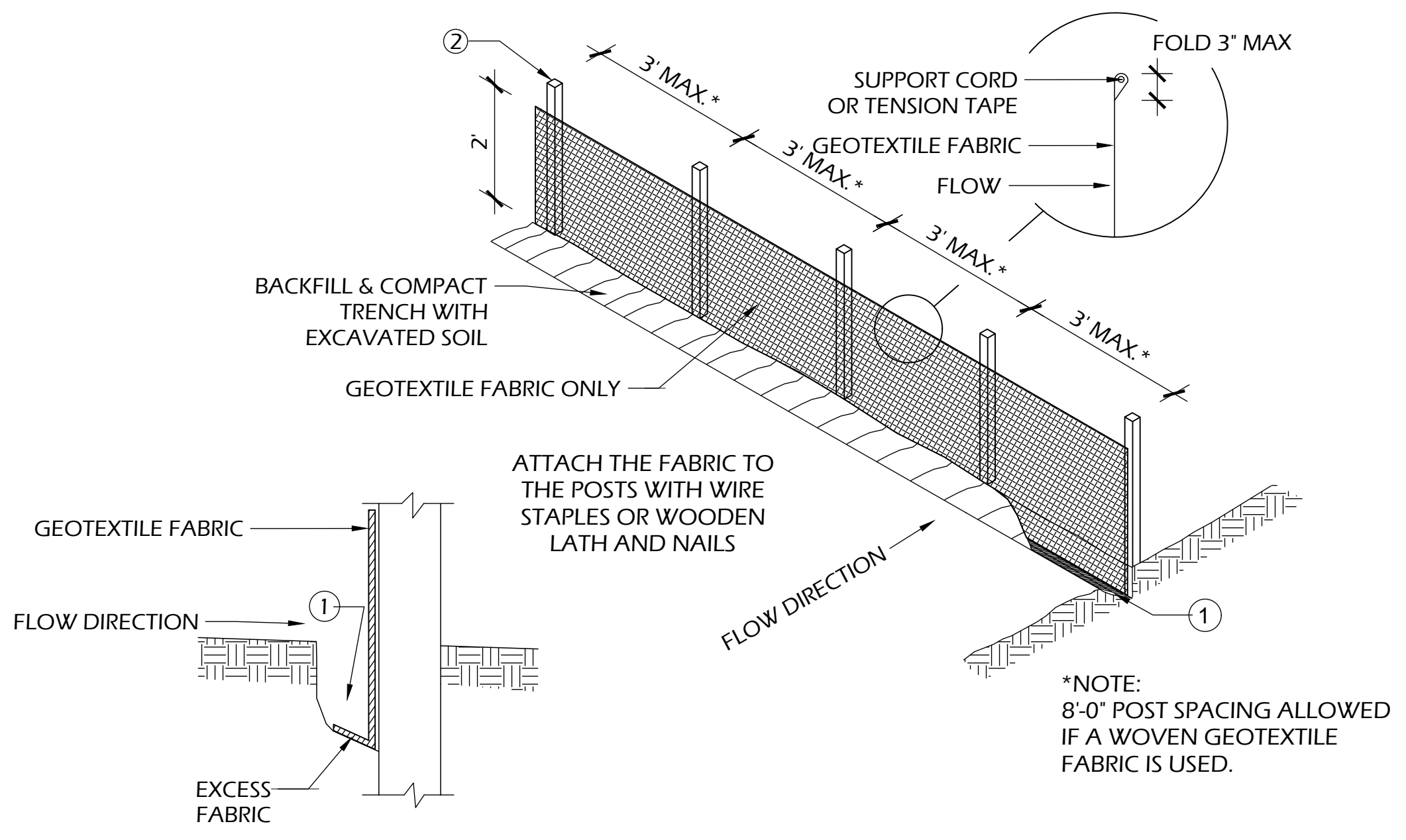
**SILT FENCE TIE BACK  
(WHEN REQUIRED BY  
THE ENGINEER)**



**JOINING TWO LENGTHS OF  
SILT FENCE (HOOK METHOD)**



**JOINING TWO LENGTHS OF  
SILT FENCE (TWIST METHOD)**

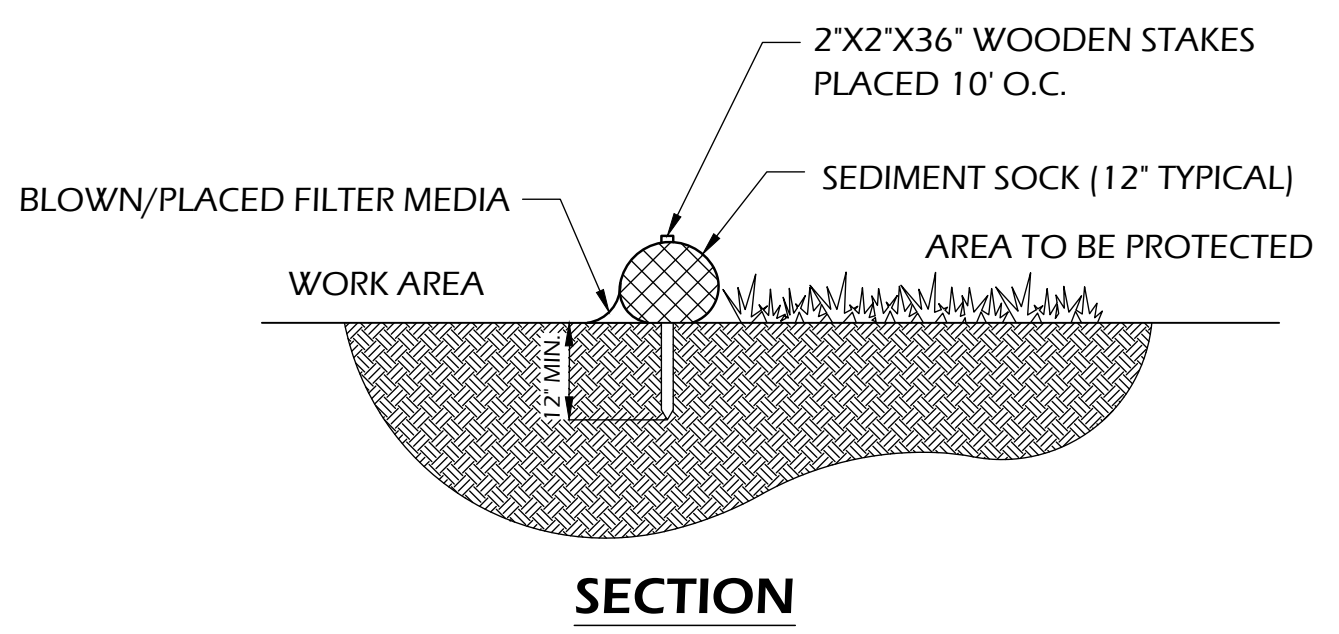


**TRENCH DETAIL**

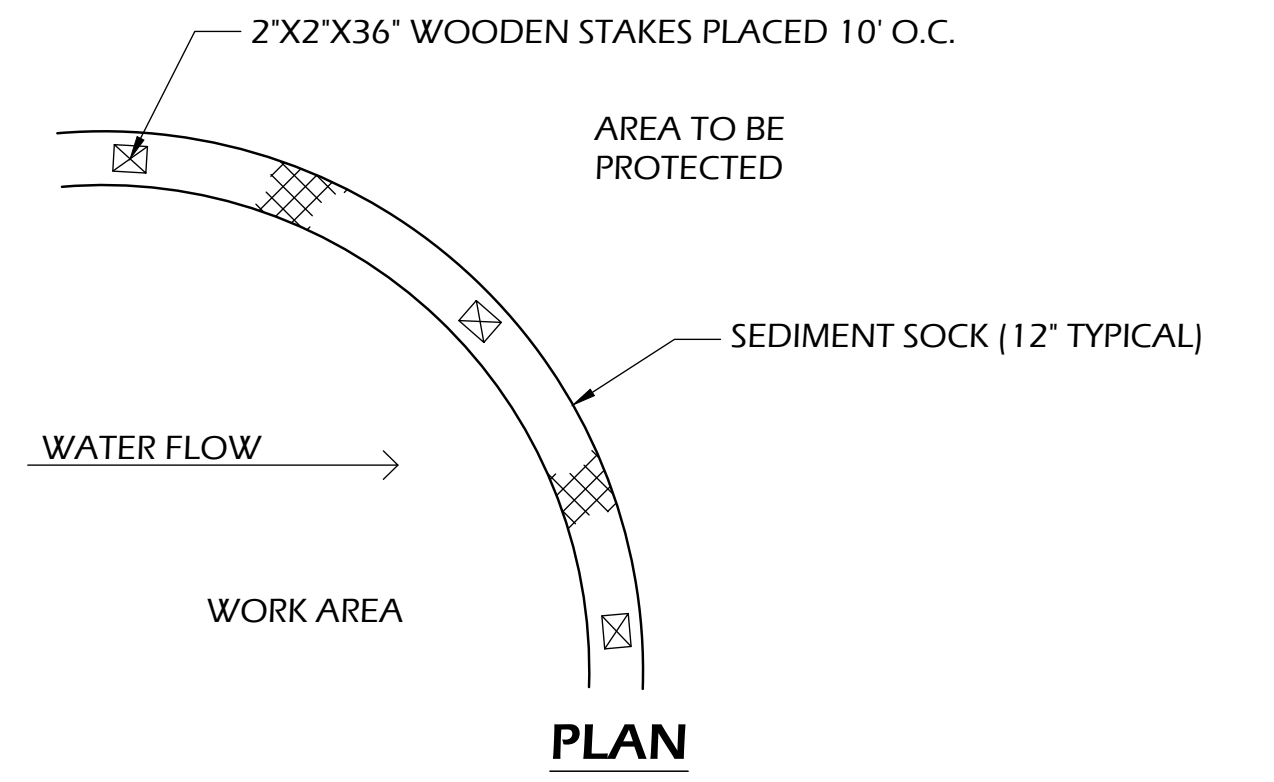
**SILT FENCE**

**SILT FENCE GENERAL NOTES:**

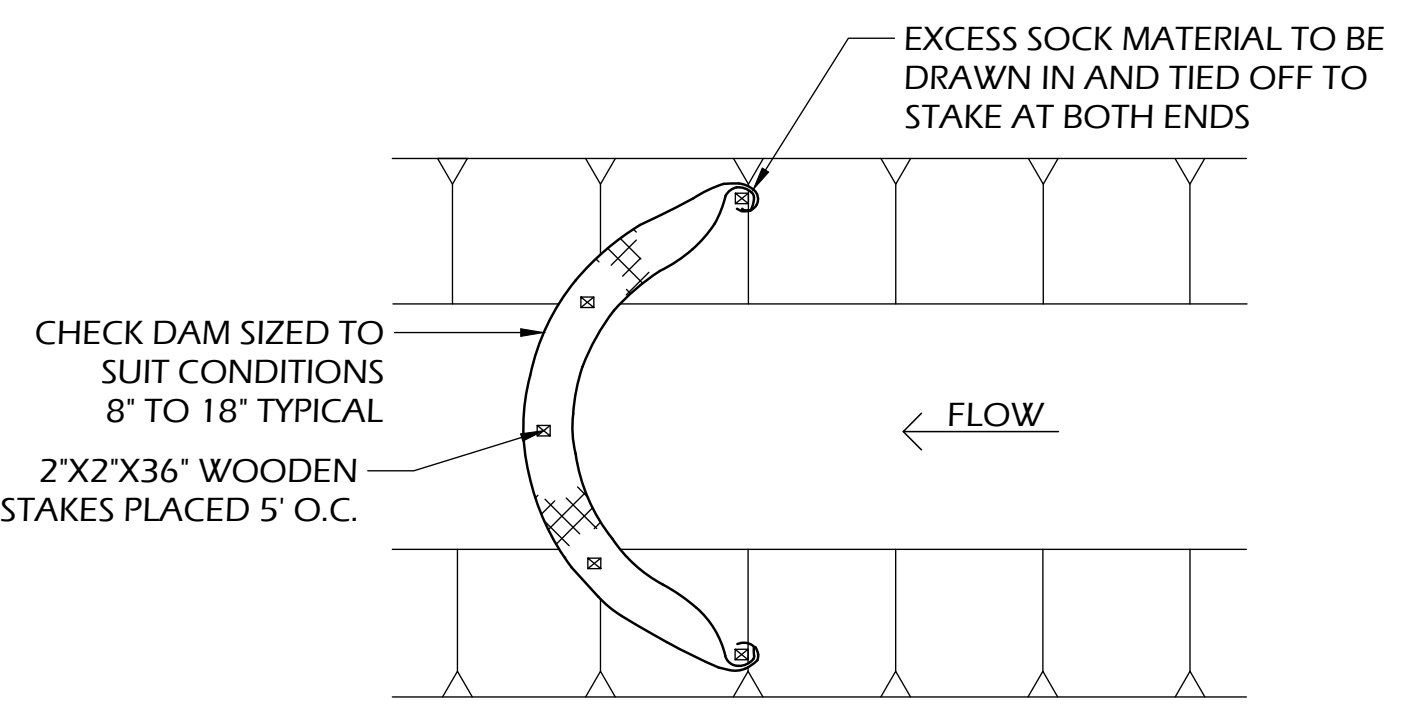
- FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POSTS SHALL BE A MINIMUM SIZE OF 3' LENGTH OF OAK OR HICKORY
- ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS
- DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS.
- 8" OF FENCE FABRIC REQUIRED BELOW GRADE IN TRENCH PER DNR TECH STD. 1056
- MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WisDOT PRODUCT ACCEPTABILITY LIST (PAL) MAY BE SUBSTITUTED.
- FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x4".



**SECTION**



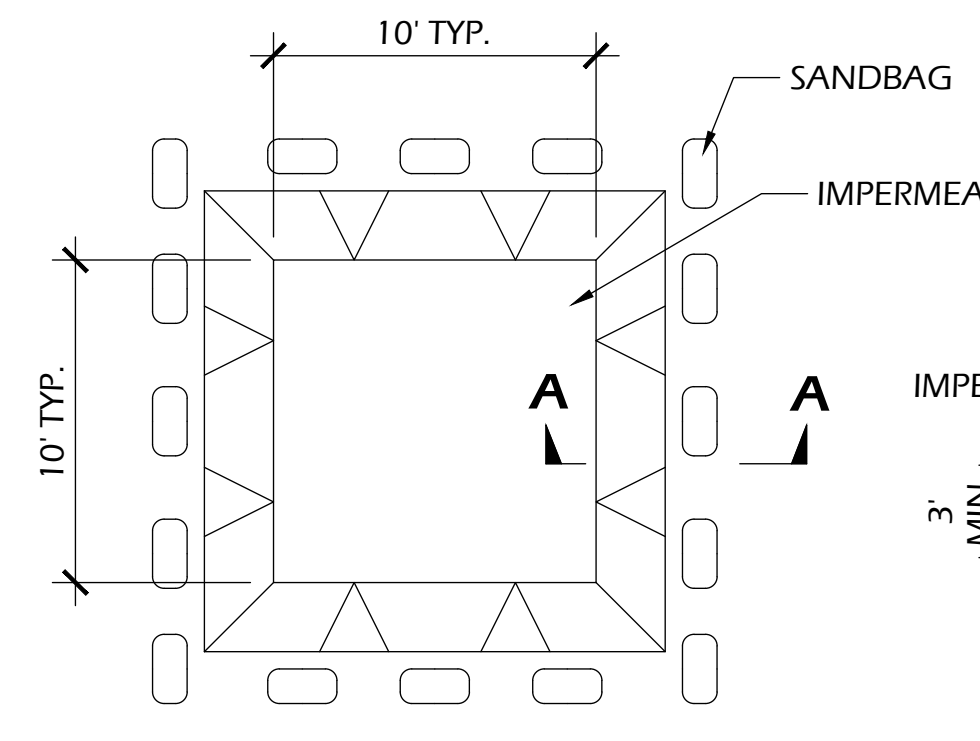
**PLAN**



**SEDIMENT SOCK**

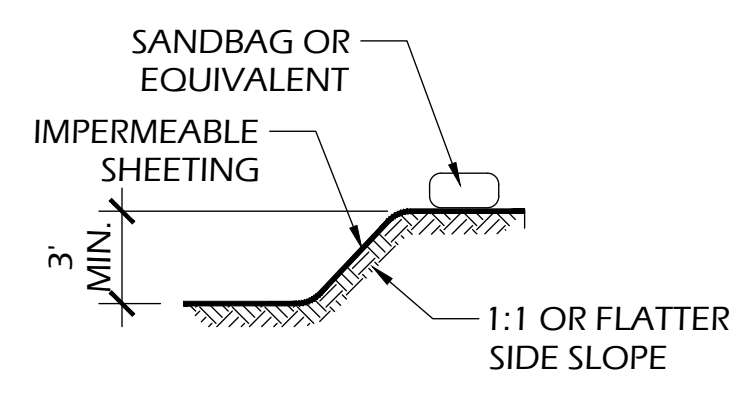
**SEDIMENT SOCK NOTES:**

- ALL MATERIAL TO MEET SPECIFICATIONS.
- SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
- FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
- COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
- EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD AND TECHNICAL SPECIFICATIONS.
- CROSS BRACE WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.
- MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.
- WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C. (TYPE B)
- GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. (TYPE A)
- STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.28 LBS./LIN. FT. (WITHOUT ANCHOR) FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL, IF POSSIBLE, BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: A.) TWIST METHOD - OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B.) HOOK METHOD - HOOK THE END OF EACH SILT FENCE LENGTH.

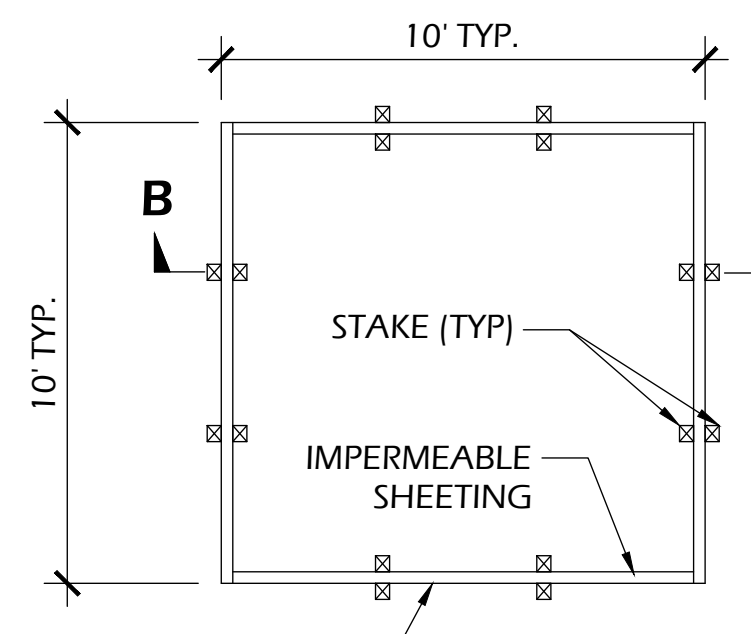


**PLAN**

**EXCAVATED WASHOUT STRUCTURE**

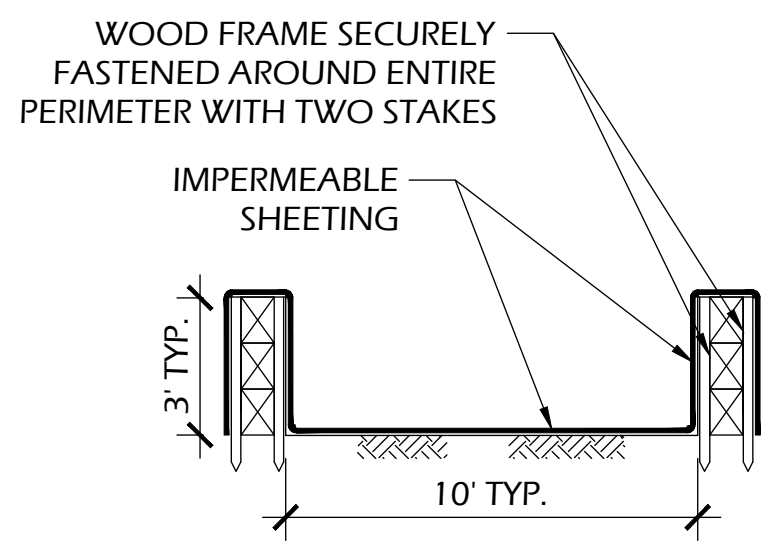


**SECTION A-A**

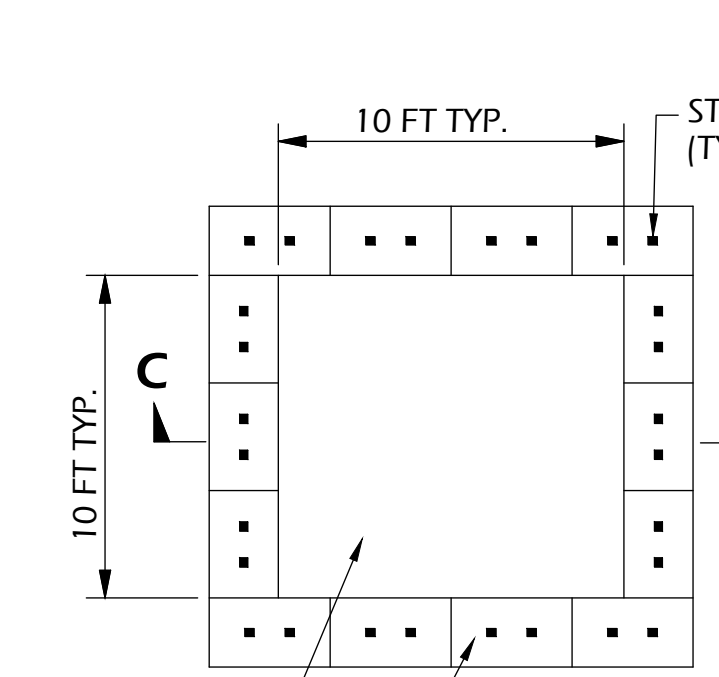


**PLAN**

**WASHOUT STRUCTURE WITH WOOD PLANKS**

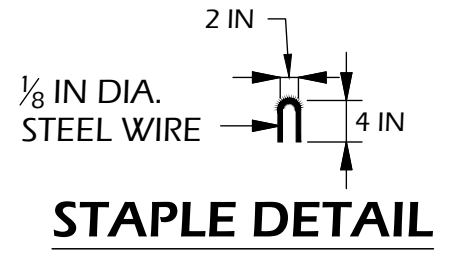


**SECTION B-B**

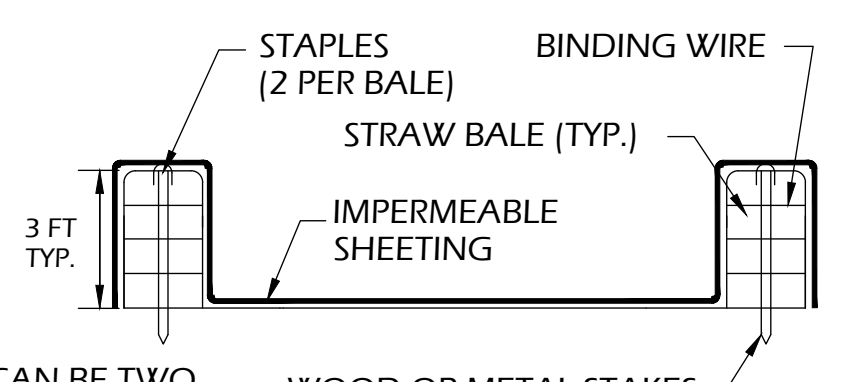


**PLAN**

**WASHOUT STRUCTURE WITH STRAW BALES**



**STAPLE DETAIL**



**SECTION C-C**

NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

**CONSTRUCTION SPECIFICATIONS**

- TEMPORARY CONCRETE WASHOUT STRUCTURE SHALL BE USED TO WASH DOWN CONCRETE TRUCK CHUTES AND OTHER EQUIPMENT AFTER USE TO PREVENT WASHDOWN WATER FROM POLLUTING THE SITE.
- LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
- SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
- PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
- PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
- KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

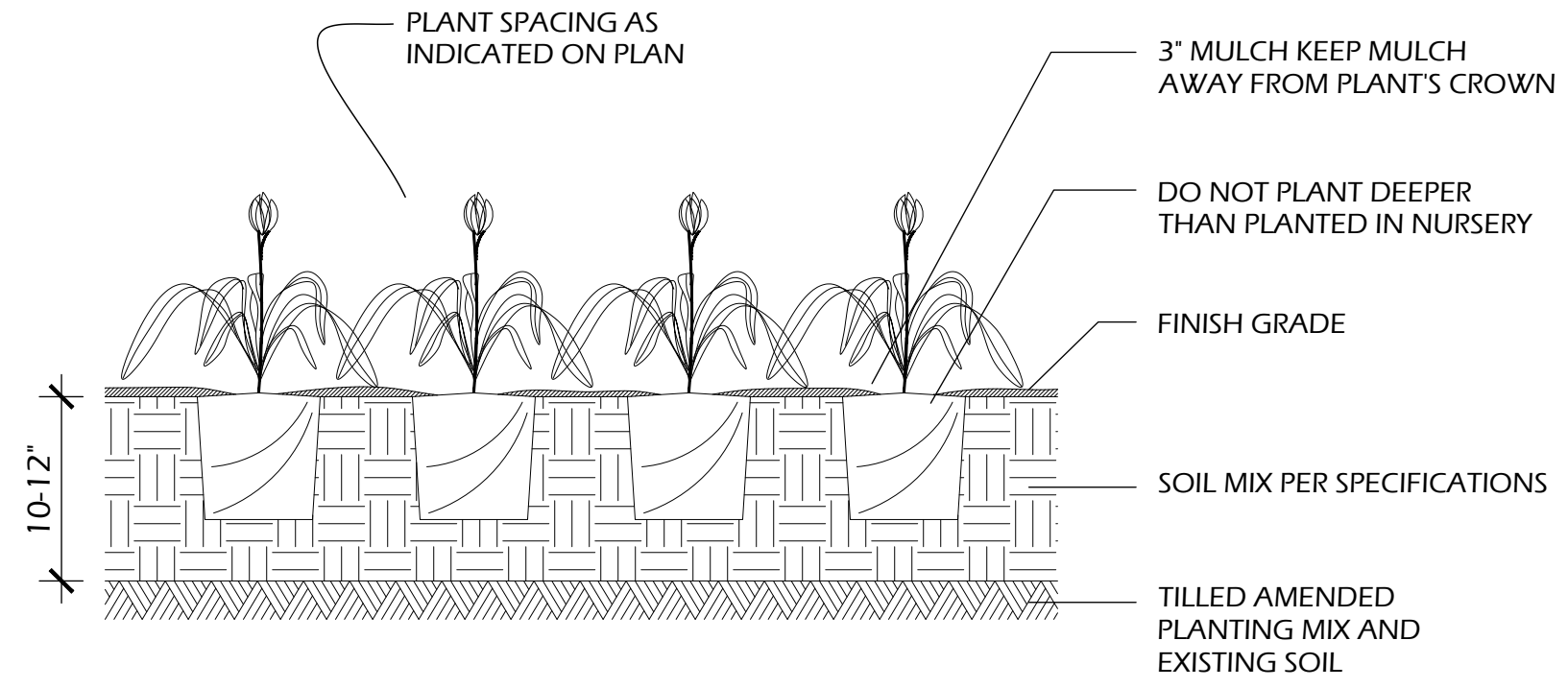
**1**  
C900

**CONCRETE WASHOUT STRUCTURE (TEMP)**

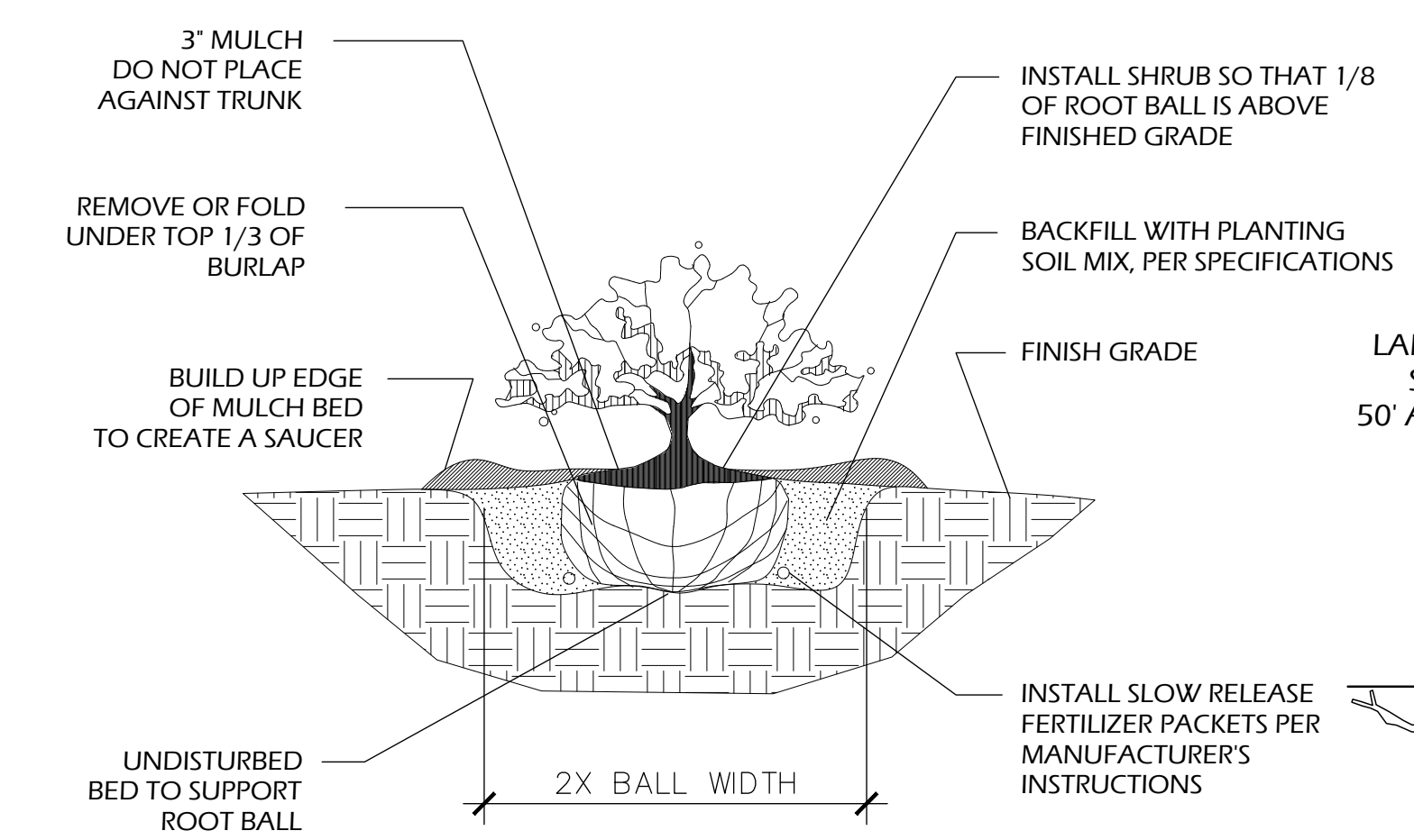
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Revisions:	
Project #:	22.050
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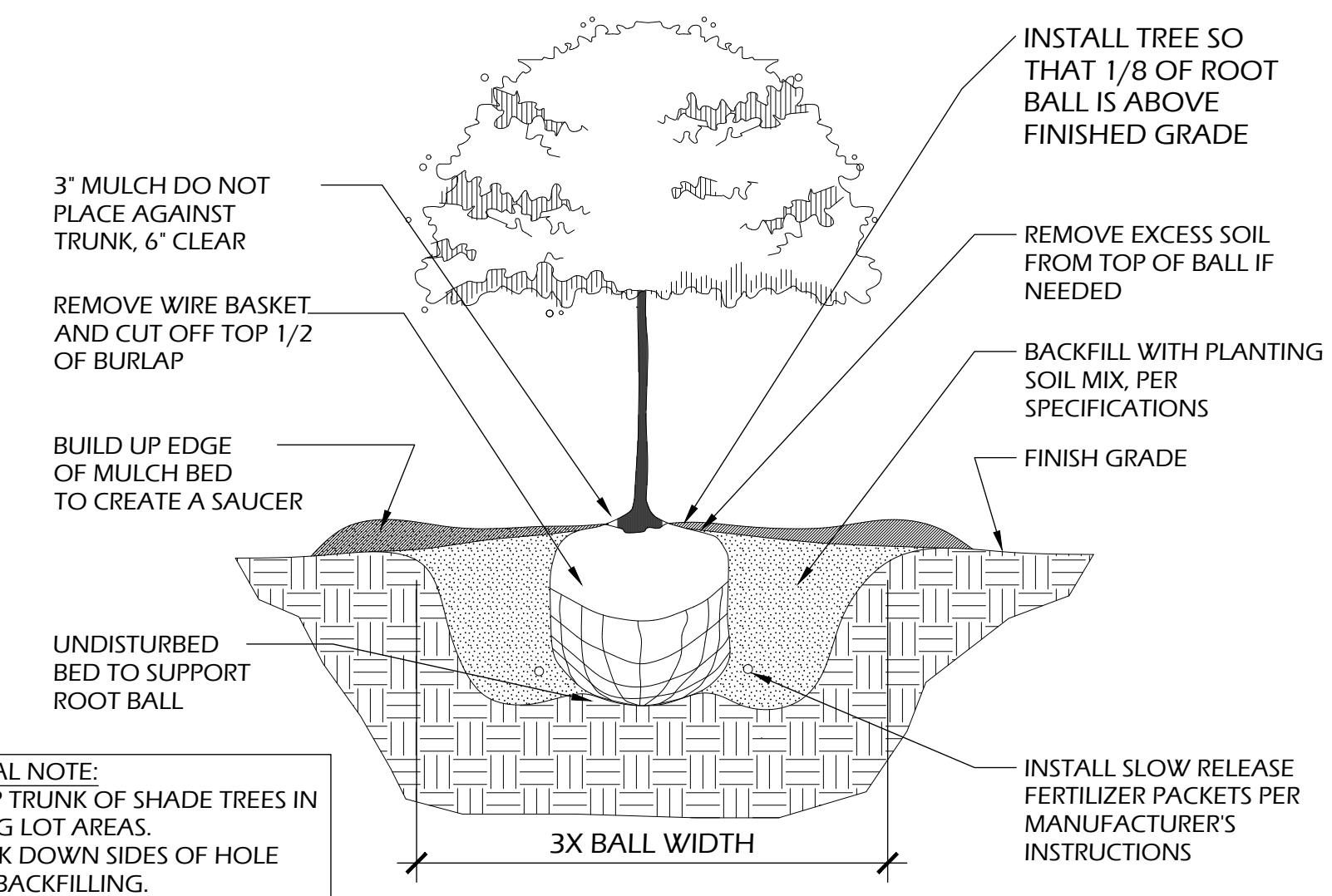
File: \\nos3\projects\22.050\_Fitchburg\_Seminole\_Pool\CAD\P-D (2026).dwg Layout: C901 User: Blake Plotted: Mar 20, 2026 1:34am



**7 PERENNIAL PLANTING**  
C901 SCALE: NTS

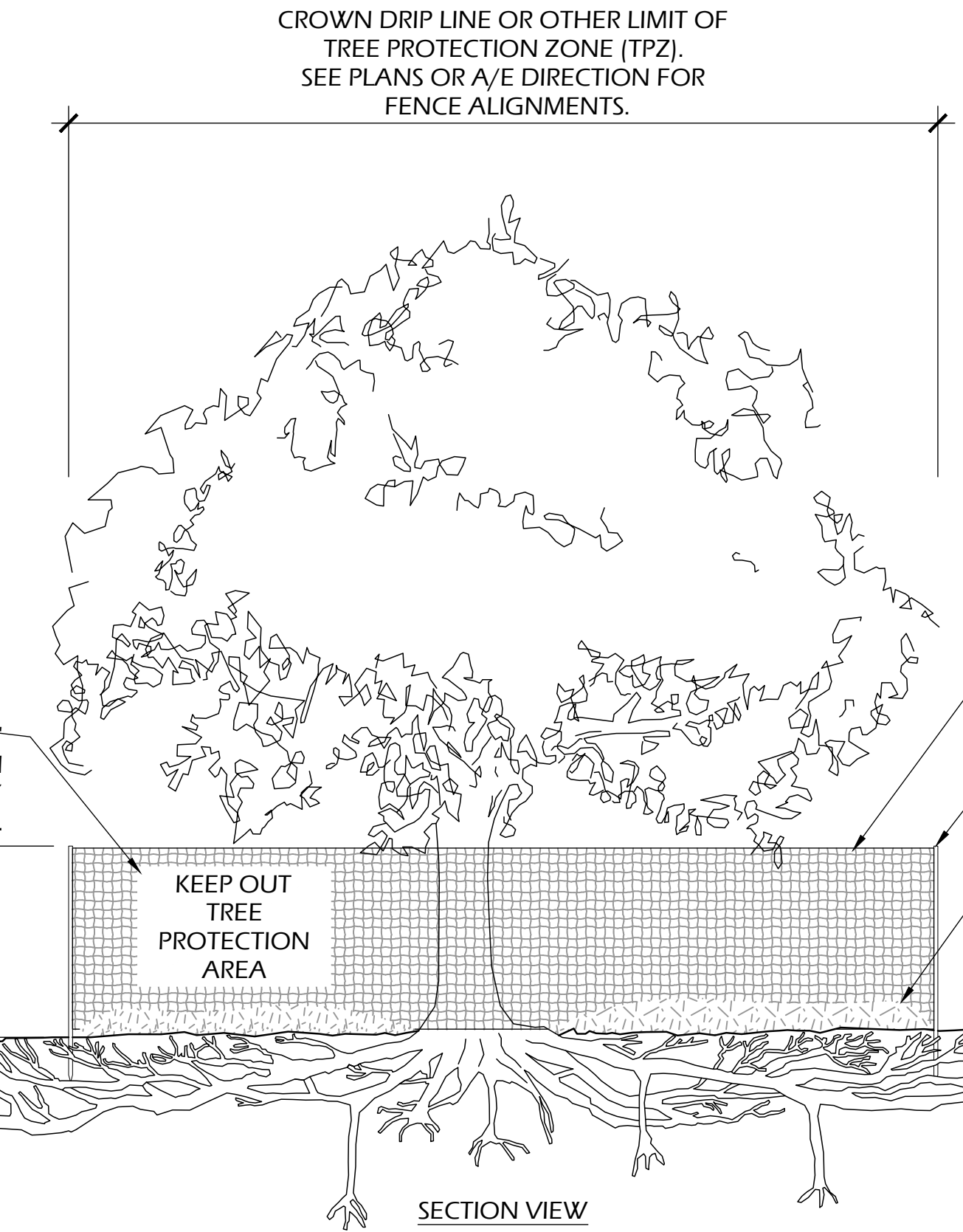


**6 SHRUB PLANTING**  
C901 SCALE: NTS



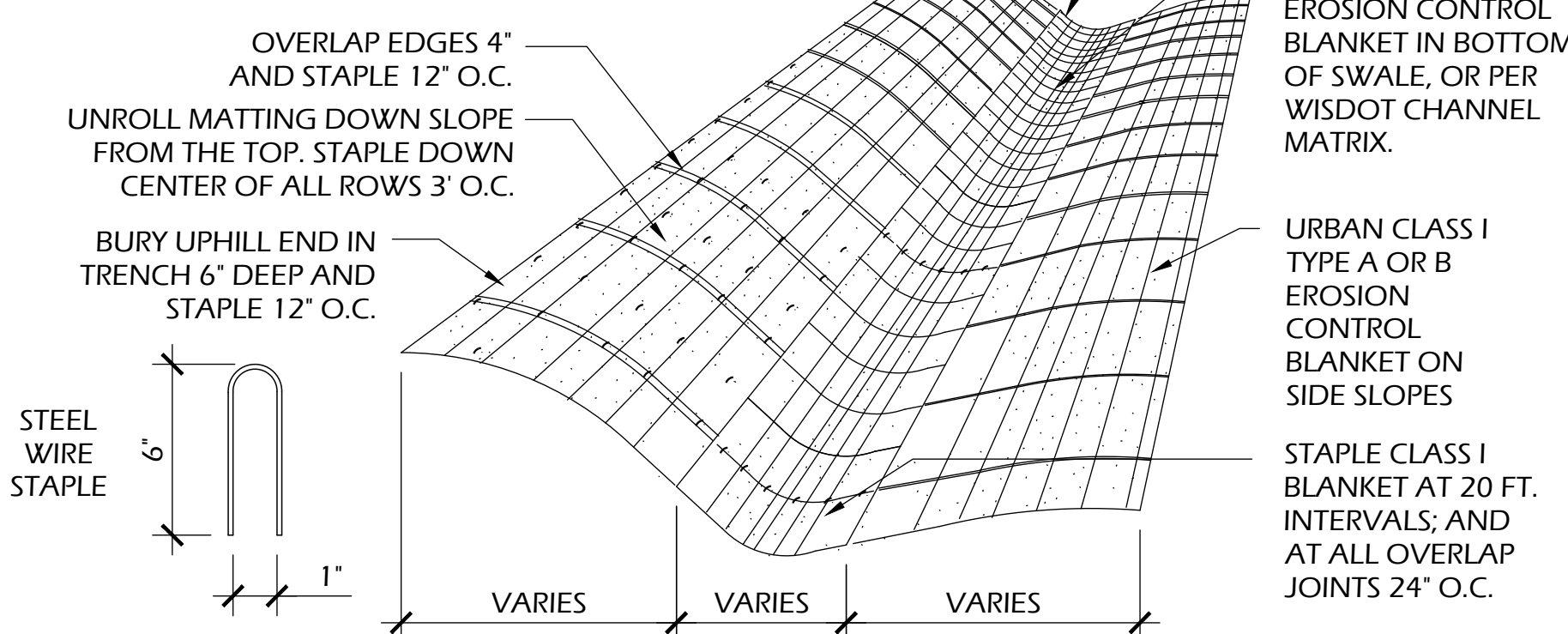
**5 B&B TREE PLANTING**  
C901 SCALE: NTS

GENERAL NOTE:  
1. WRAP TRUNK OF SHADE TREES IN PARKING LOT AREAS.  
2. BREAK DOWN SIDES OF HOLE WHEN BACKFILLING.

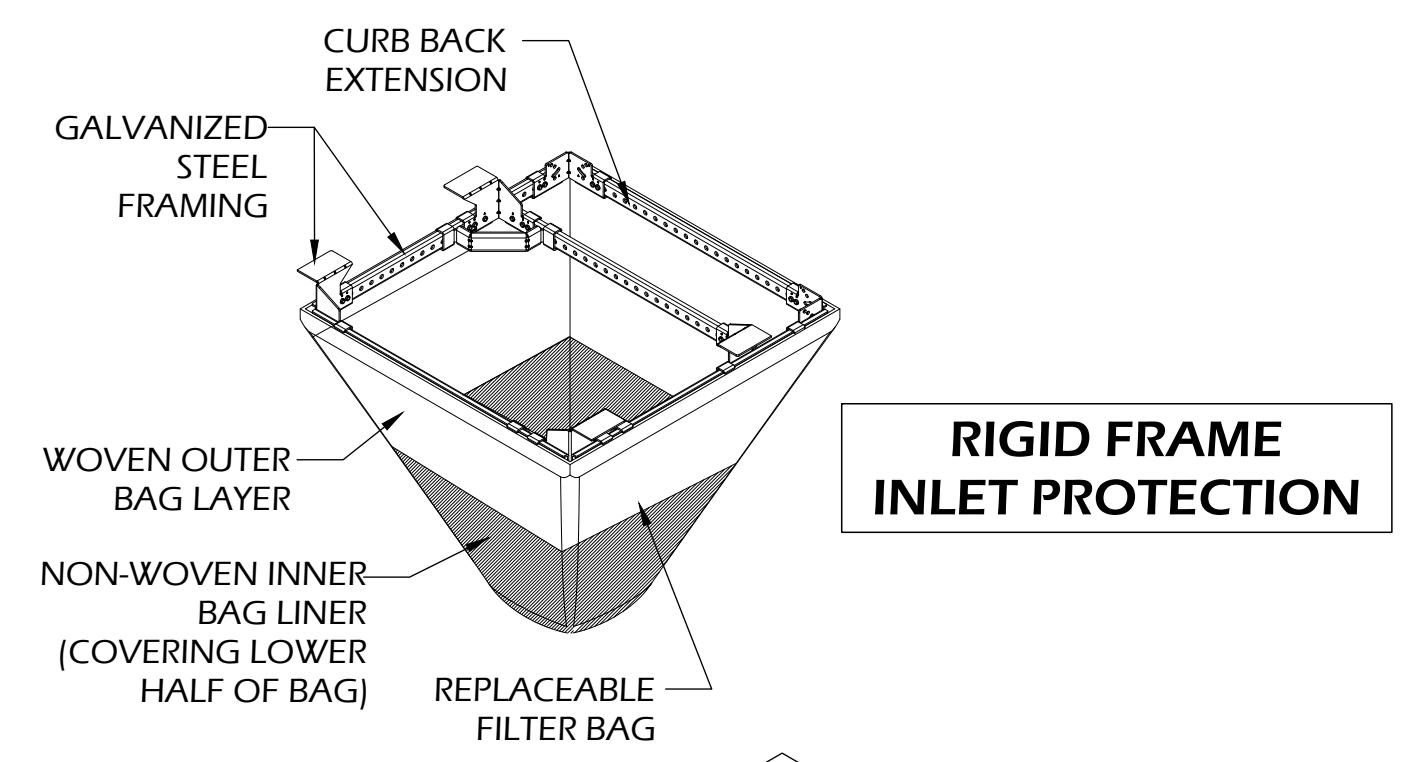


**4 TREE PROTECTION**  
C901 SCALE: NTS

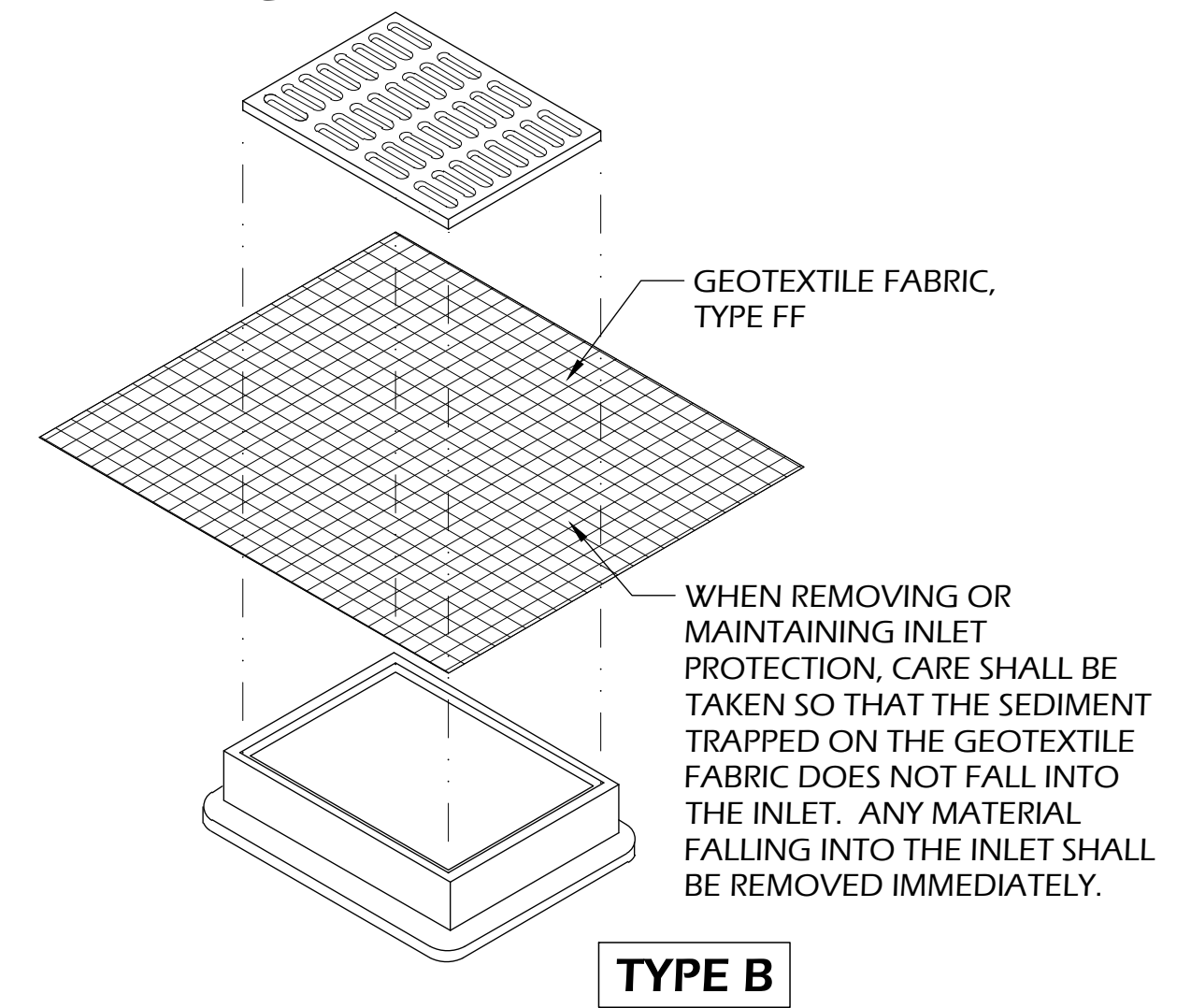
- NOTES
1. PREPARE SOIL BEFORE INSTALLING BLANKET INCLUDING ALL SOIL PREPARATION AND SEEDING AS SPECIFIED.
  2. ANCHOR BLANKET IN 6" TRENCH PRIOR TO ROLLING DOWN SLOPE.
  3. THE BOTTOM SECTION OF BLANKET SHOULD BE ON THE DOWNSTREAM SIDE OF ALL OVERLAPS.
  4. ALL EROSION MAT USED ON SITE MUST BE APPROVED BY THE DNR AS A "HERP-FRIENDLY" VARIETY.



**3 EROSION MAT**  
C901 SCALE: NTS



- Notes:
- 1- SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
  - 2- IF THERE IS NO IRRIGATION, SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
  - 3- NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED CERTIFIED ARBORIST.
  - 4- NO EQUIPMENT SHALL OPERATE OR MATERIALS BE STORED INSIDE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
  - 5- SEE LANDSCAPE PLANS FOR ANY MODIFICATIONS WITH THE TPZ.



**INLET PROTECTION NOTES:**

1. INSTALL PER WDNR STORM WATER CONSTRUCTION TECHNICAL STANDARD 1060.
2. INLET PROTECTION TYPE B SHALL BE USED ON STRUCTURES 30" OR LESS IN DEPTH.
3. ROUTINELY INSPECT FOR INTEGRITY AND NEEDED MAINTENANCE.
4. EMPTY SEDIMENT WHEN THE BAG IS HALF FULL OR SEDIMENT IS WITHIN 6 INCHES OF THE OVERFLOW HOLES, OR AS DIRECTED BY THE OWNER OR A/E.
5. IMMEDIATELY REMOVE ANY SEDIMENT FALLING INTO THE INLET DURING MAINTENANCE ACTIVITIES.
6. INLET PROTECTION SHALL BE REMOVED AFTER THE SITE HAS ACHIEVED 80% STABILIZATION OR AT THE END OF THE PROJECT.

**2 INLET PROTECTION**  
C901 SCALE: NTS

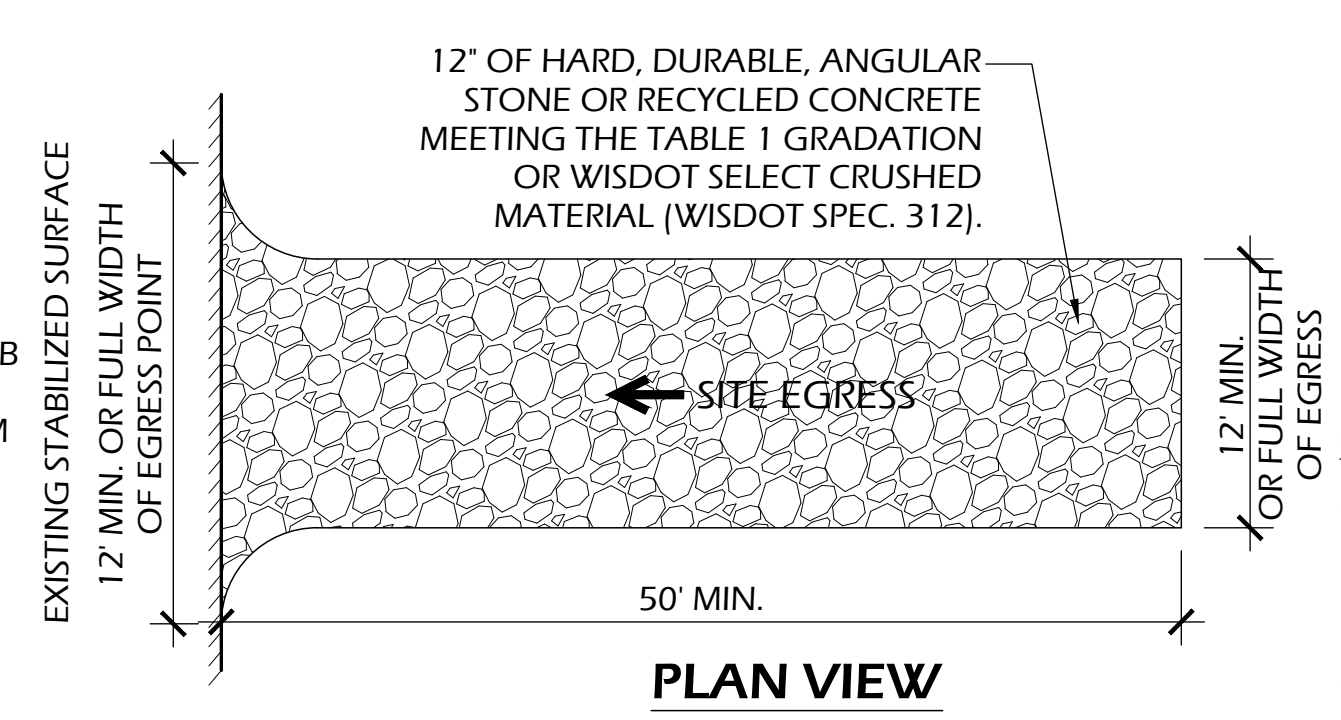
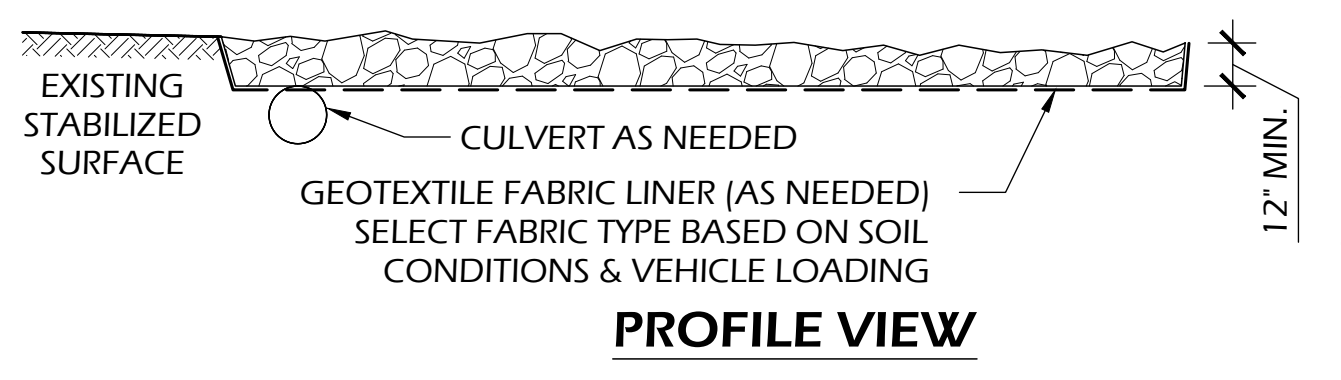


TABLE 1  
AGGREGATE GRADATION

SIEVE SIZE	PERCENT PASSING BY WEIGHT
3"	100
2 1/2"	90 - 100
1 1/2"	25 - 60
3/4"	0 - 20
3/8"	0 - 5

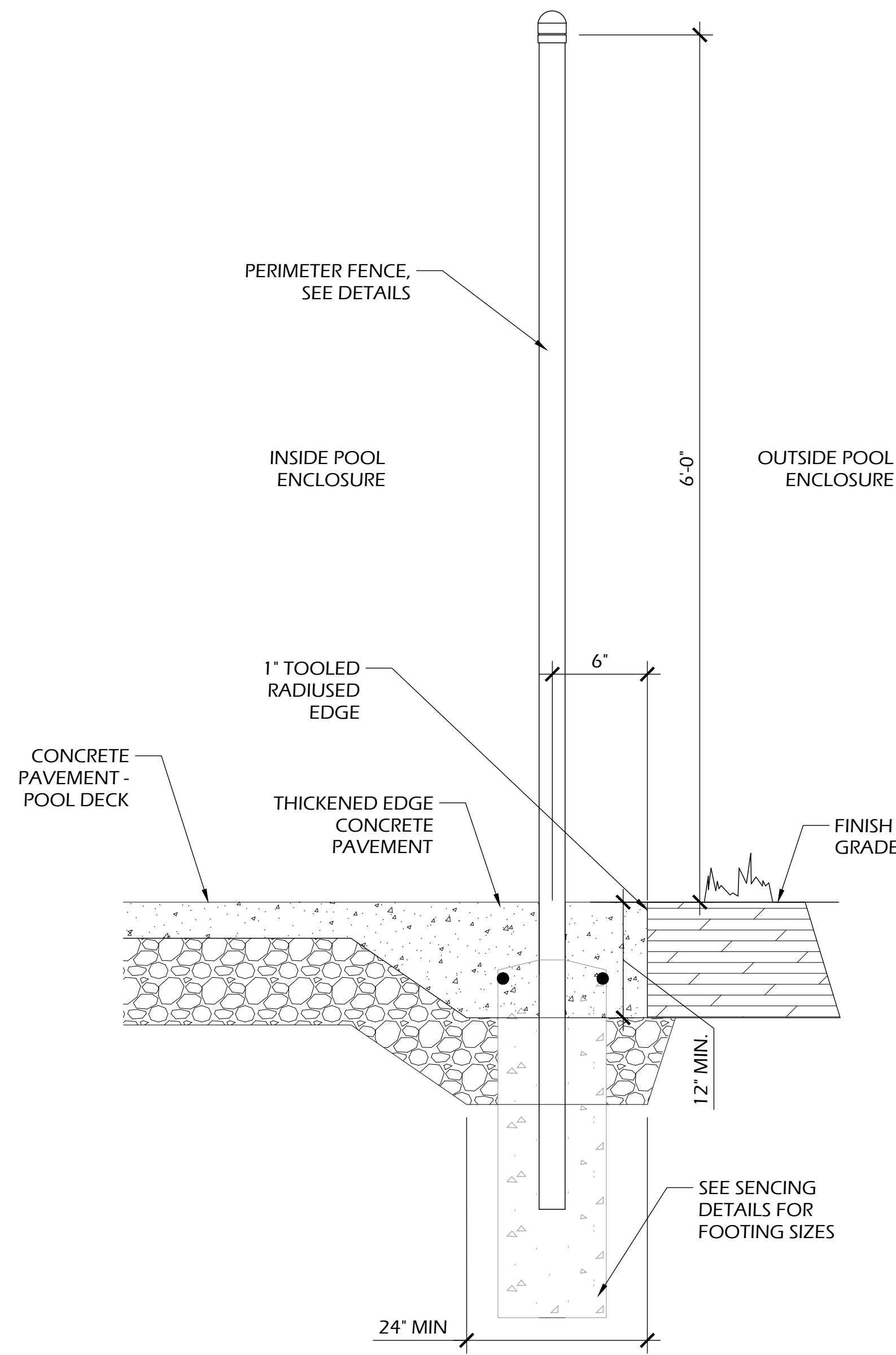
**OPERATION & MAINTENANCE:**

1. MONITOR TRACKING PADS FOR COMPACTION, SOIL DEPOSITS, AND MIXING OF UNDERLYING SOILS AND STONE LAYERS.
2. MAINTAIN A LOOSENEED, ROUGH SURFACE BY SCRAPING, LOOSENING, OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
3. REPLACE GEOTEXTILE AND STONE IF LESS-INTENSIVE MAINTENANCE EFFORTS FAIL TO REESTABLISH EFFECTIVENESS.
4. ADD STONE AS NEEDED TO MAINTAIN THE MINIMUM PAD THICKNESS.
5. REPLACE DAMAGED OR CRUSHED CULVERTS UNDER TRACKING PAD.

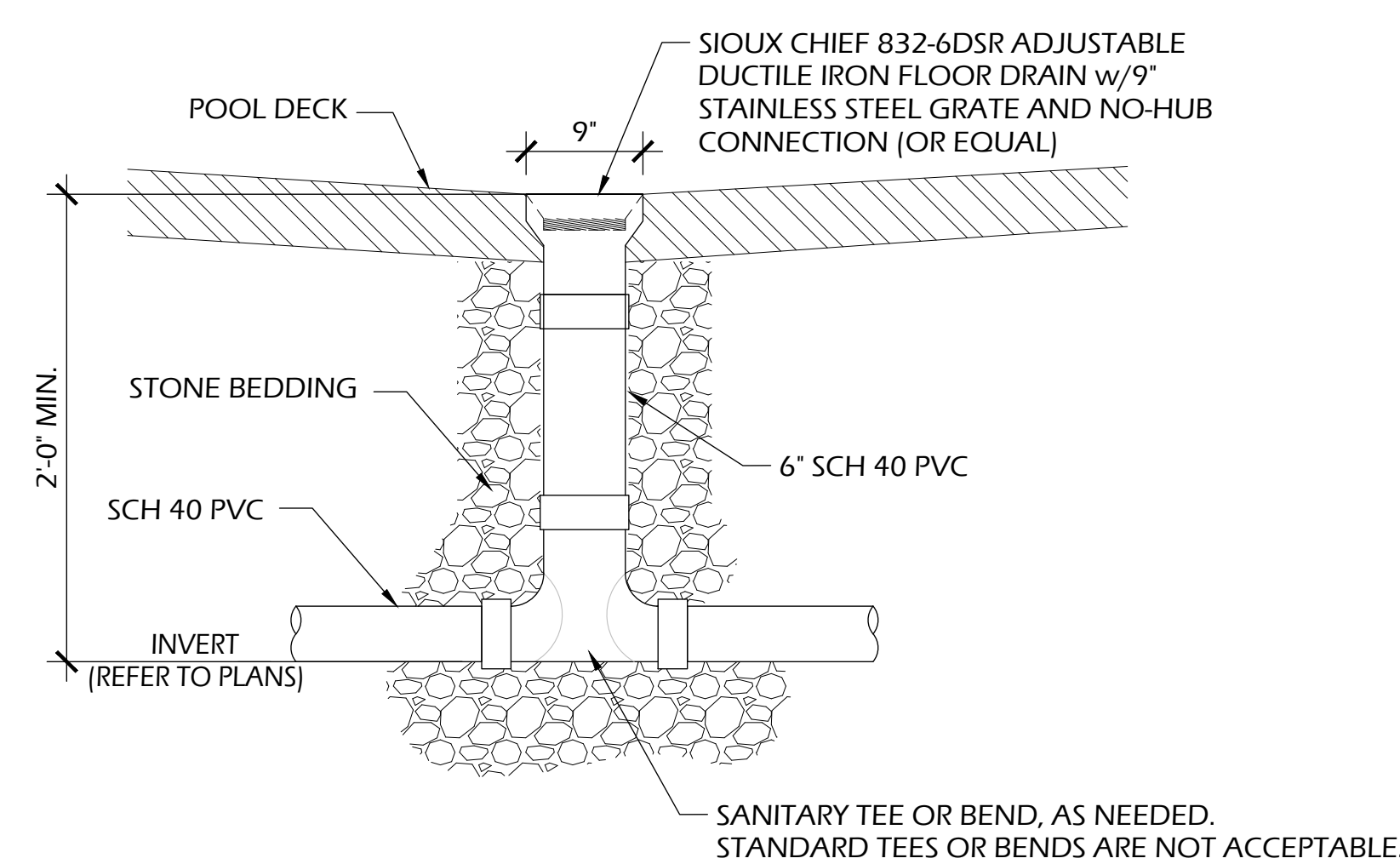


**1 STONE TRACKING PAD**  
C901 SCALE: NTS

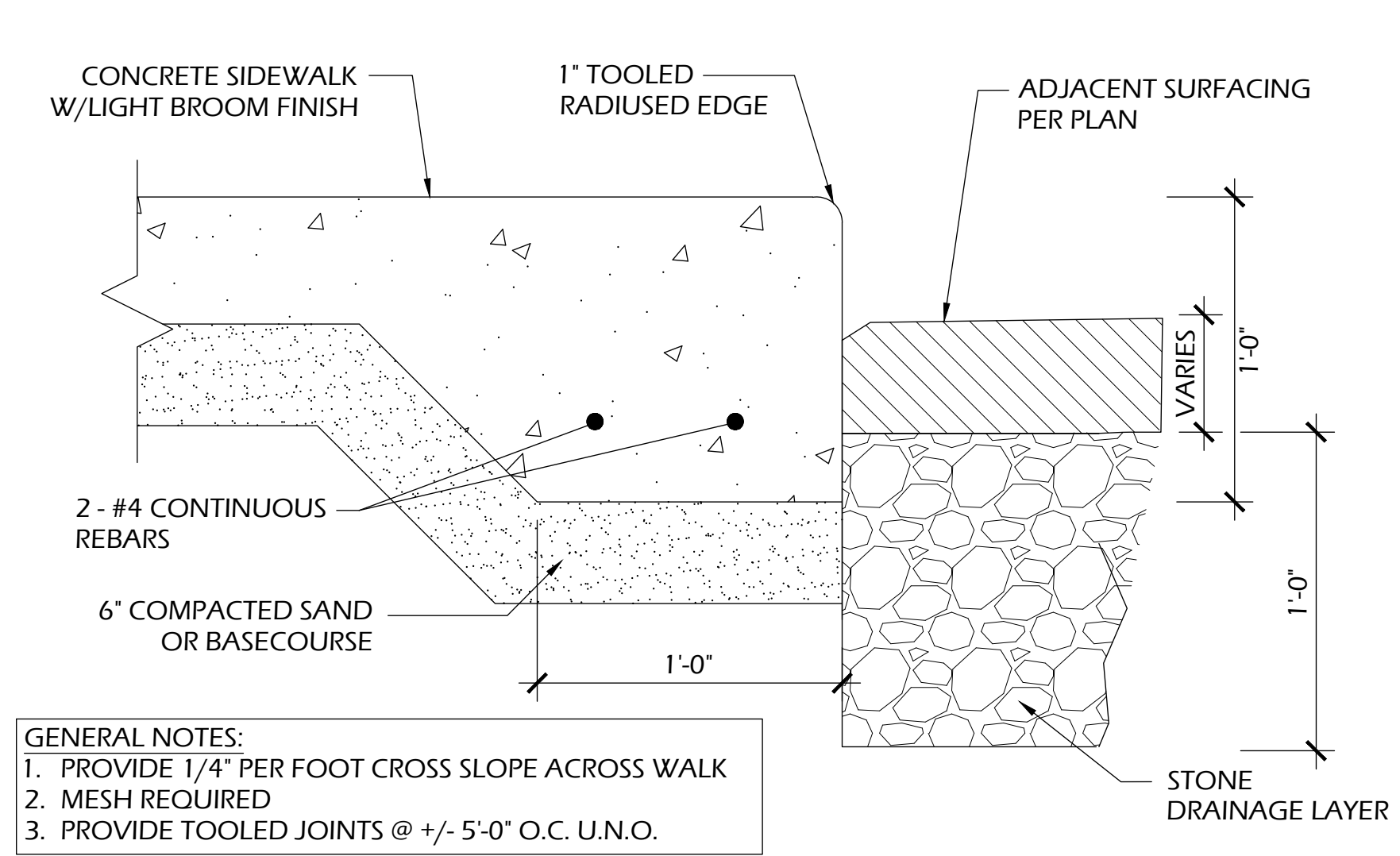
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**7 POOL EDGE DETAIL**  
C902 SCALE: NTS



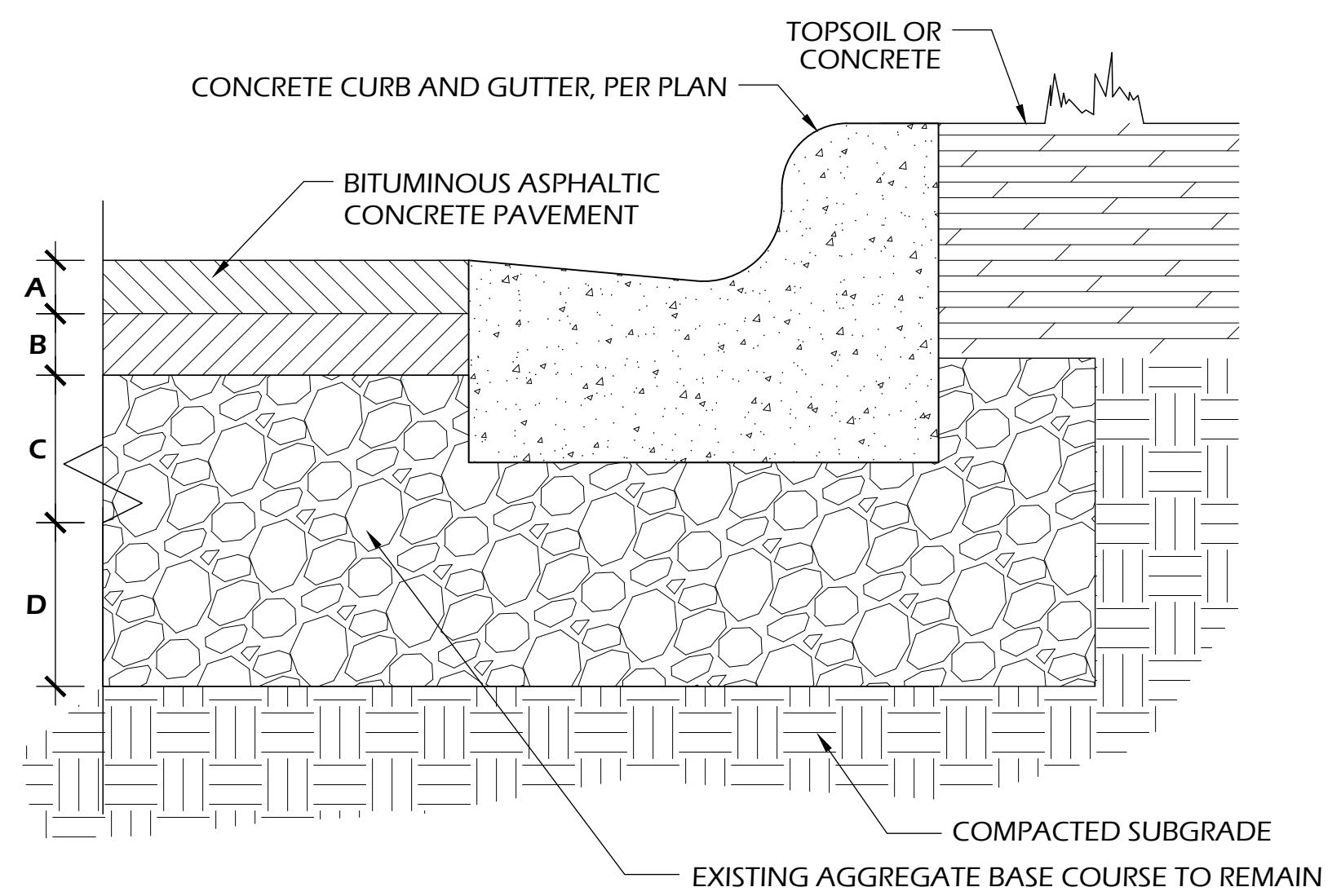
**6 DECK DRAIN**  
C902 SCALE: NTS



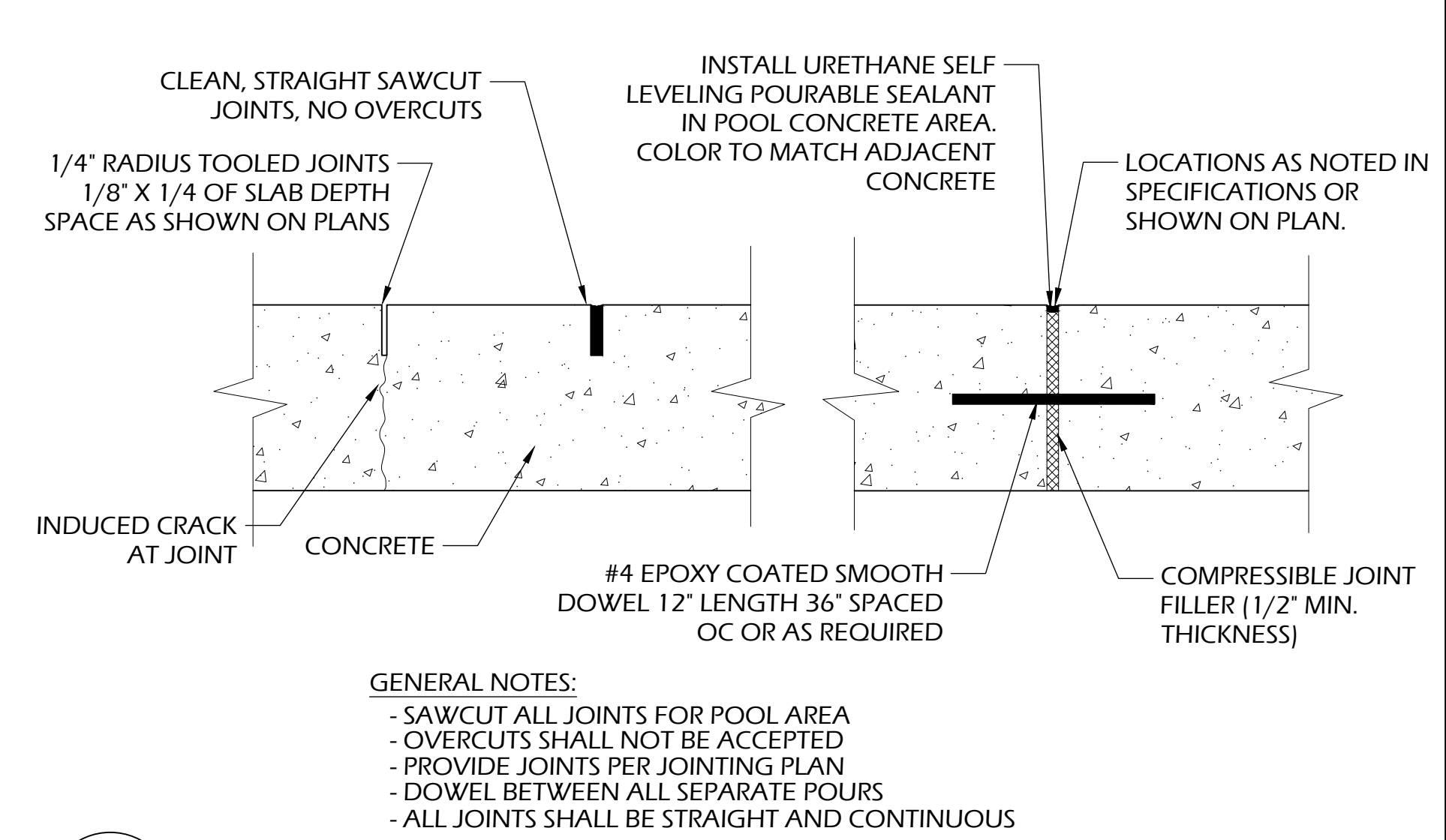
**5 THICKENED EDGE WALK**  
C902 SCALE: NTS

- GENERAL NOTES:  
 1. PROVIDE 1/4" PER FOOT CROSS SLOPE ACROSS WALK  
 2. MESH REQUIRED  
 3. PROVIDE TOOLED JOINTS @ +/- 5'-0" O.C. U.N.O.

ASPHALT PAVEMENT TYPICAL SECTION				
	MATERIAL	EXISTING MATERIAL THICKNESS (INCHES)	PROPOSED MATERIAL THICKNESS (INCHES)	PAVEMENT TYPE (WISDOT)
A	BITUMINOUS UPPER LAYER	2.0	1.75	4 LT 58-28 S
B	BITUMINOUS LOWER LAYER	0	1.75	4 LT 58-28 S
C	3/4 IN DENSE GRADED BASE COURSE	0	1.0	AMEND EX. BASE COURSE AS NEEDED
D	EX. BASE COURSE	10"	VARIES	

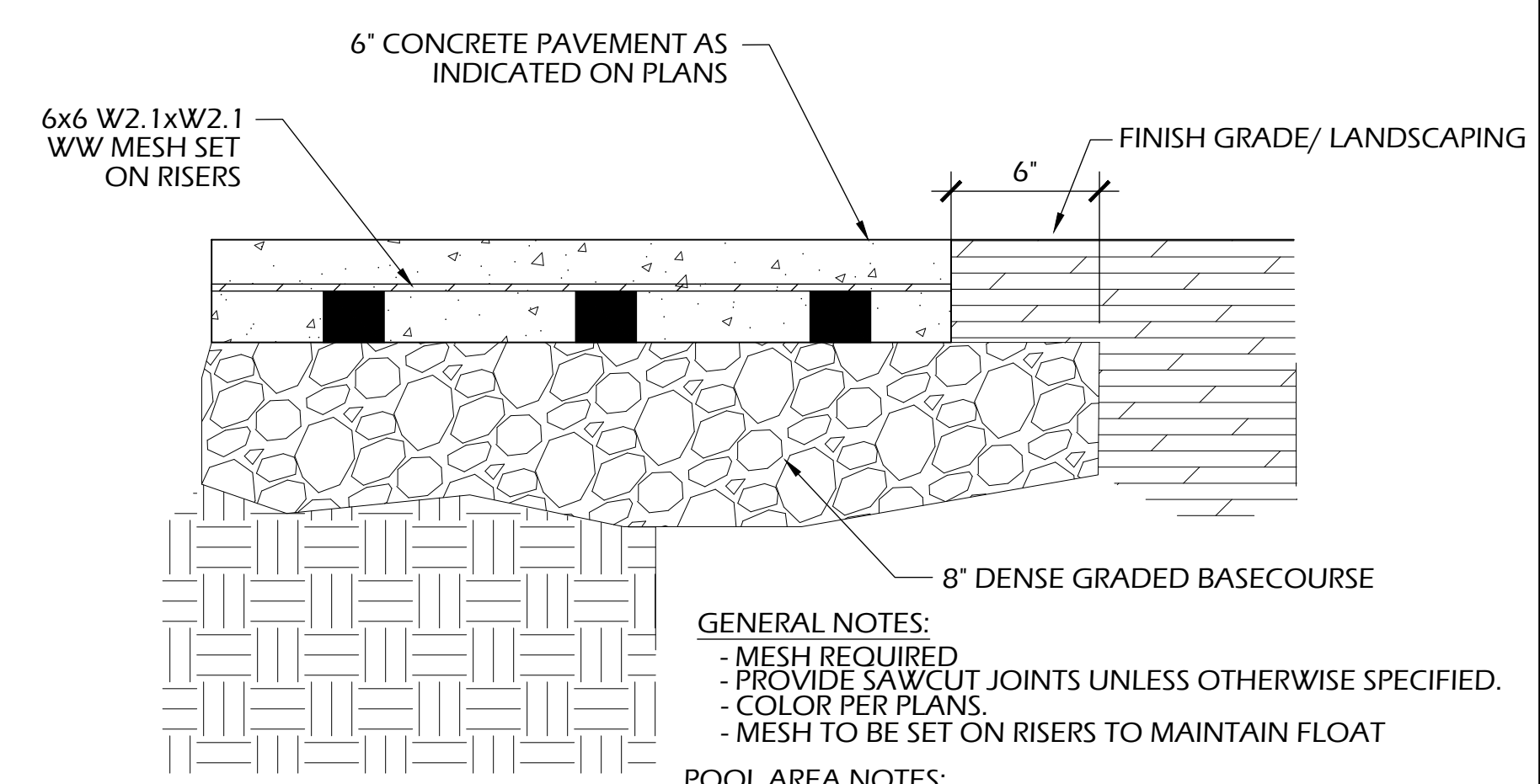


**4 ASPHALT PAVEMENT TYPICAL SECTION**  
C902 SCALE: NTS



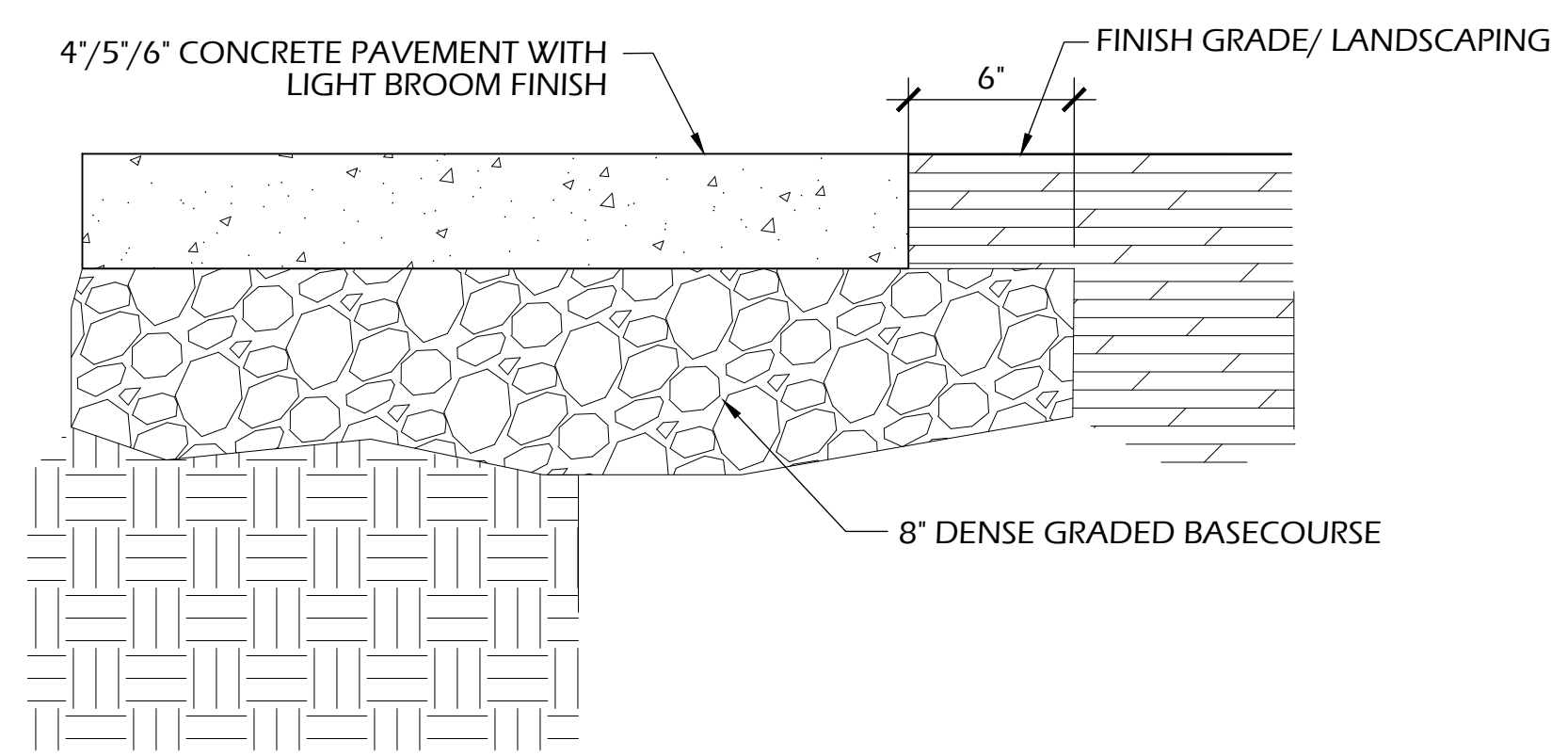
**3 CONCRETE JOINTS**  
C902 SCALE: NTS

- GENERAL NOTES:  
 - SAWCUT ALL JOINTS FOR POOL AREA  
 - OVERCUTS SHALL NOT BE ACCEPTED  
 - PROVIDE JOINTS PER JOINTING PLAN  
 - DOWEL BETWEEN ALL SEPARATE POURS  
 - ALL JOINTS SHALL BE STRAIGHT AND CONTINUOUS



**2 REINFORCED CONCRETE PAVEMENT**  
C902 SCALE: NTS

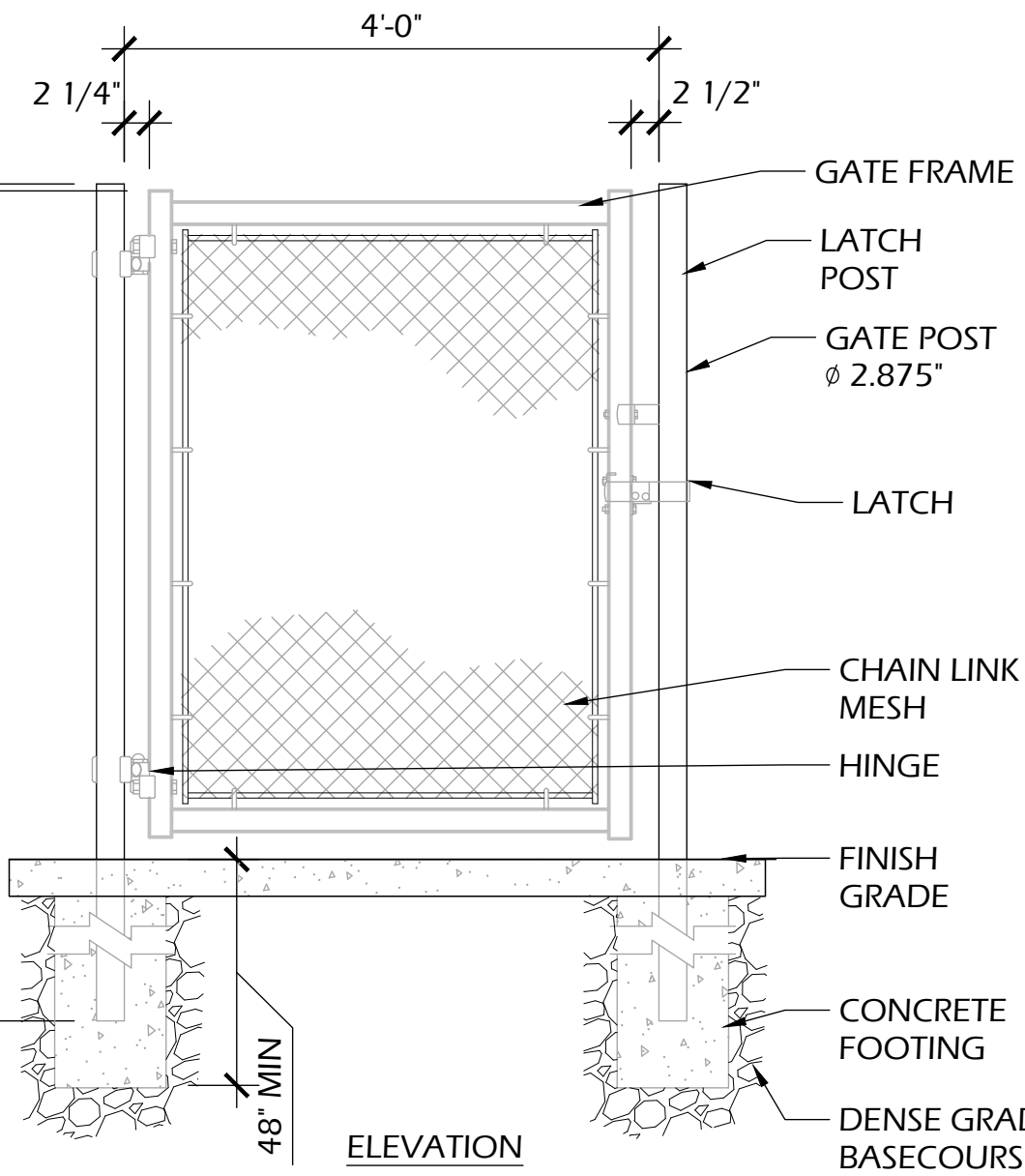
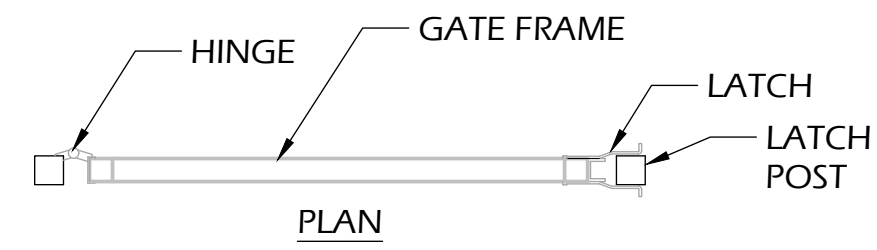
- GENERAL NOTES:  
 - MESH REQUIRED  
 - PROVIDE SAWCUT JOINTS UNLESS OTHERWISE SPECIFIED.  
 - COLOR PER PLANS.  
 - MESH TO BE SET ON RISERS TO MAINTAIN FLOAT
- POOL AREA NOTES:  
 - PROVIDE SAWCUT JOINTS PER JOINTING PLAN  
 - COLOR PER PLANS. CLEARCOAT W/ ANTI-SLIP SEALER SUCH AS SHARK GRIP  
 - NO EPOXY ON MESH IF USED AS PART OF BONDING GRID



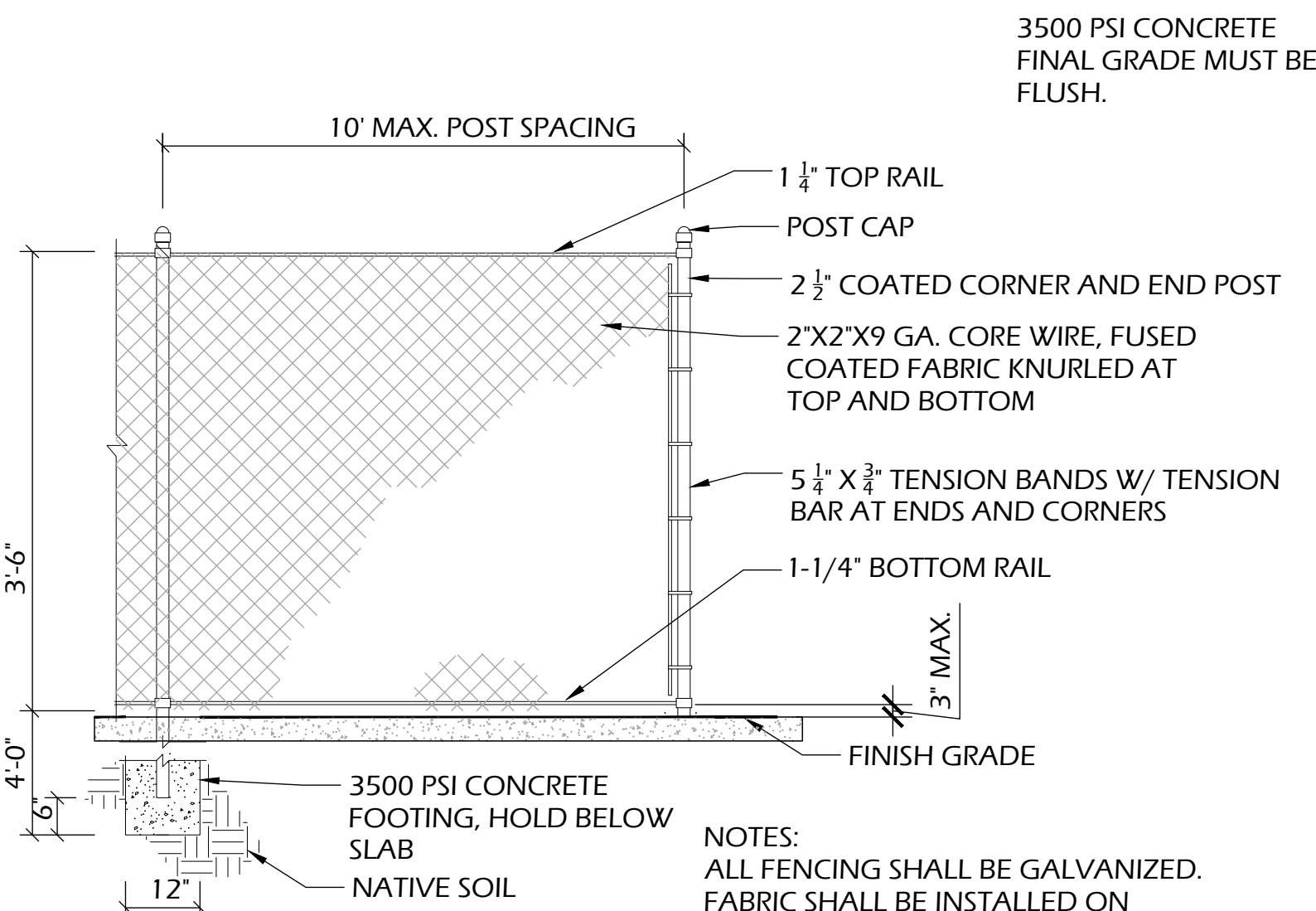
**1 CONCRETE PAVEMENT**  
C902 SCALE: NTS

- GENERAL NOTES:  
 - WIRE MESH REINFORCEMENT REQUIRED IN 6" PAVEMENT AREAS  
 - PROVIDE JOINTS @ +/- 5'-0" O.C. U.N.O.

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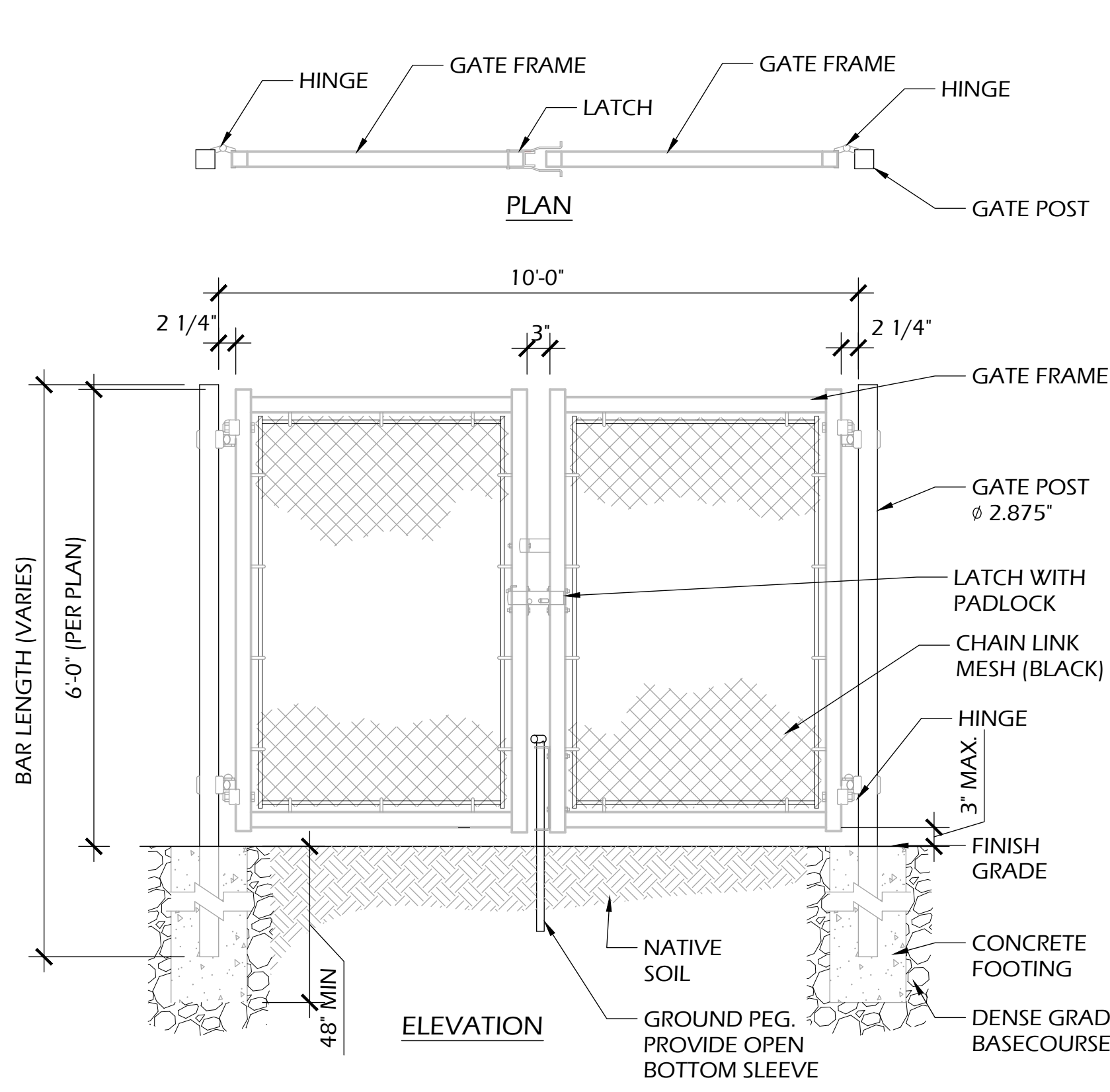


**5** 4' GATE - 42"  
C903 SCALE: NTS



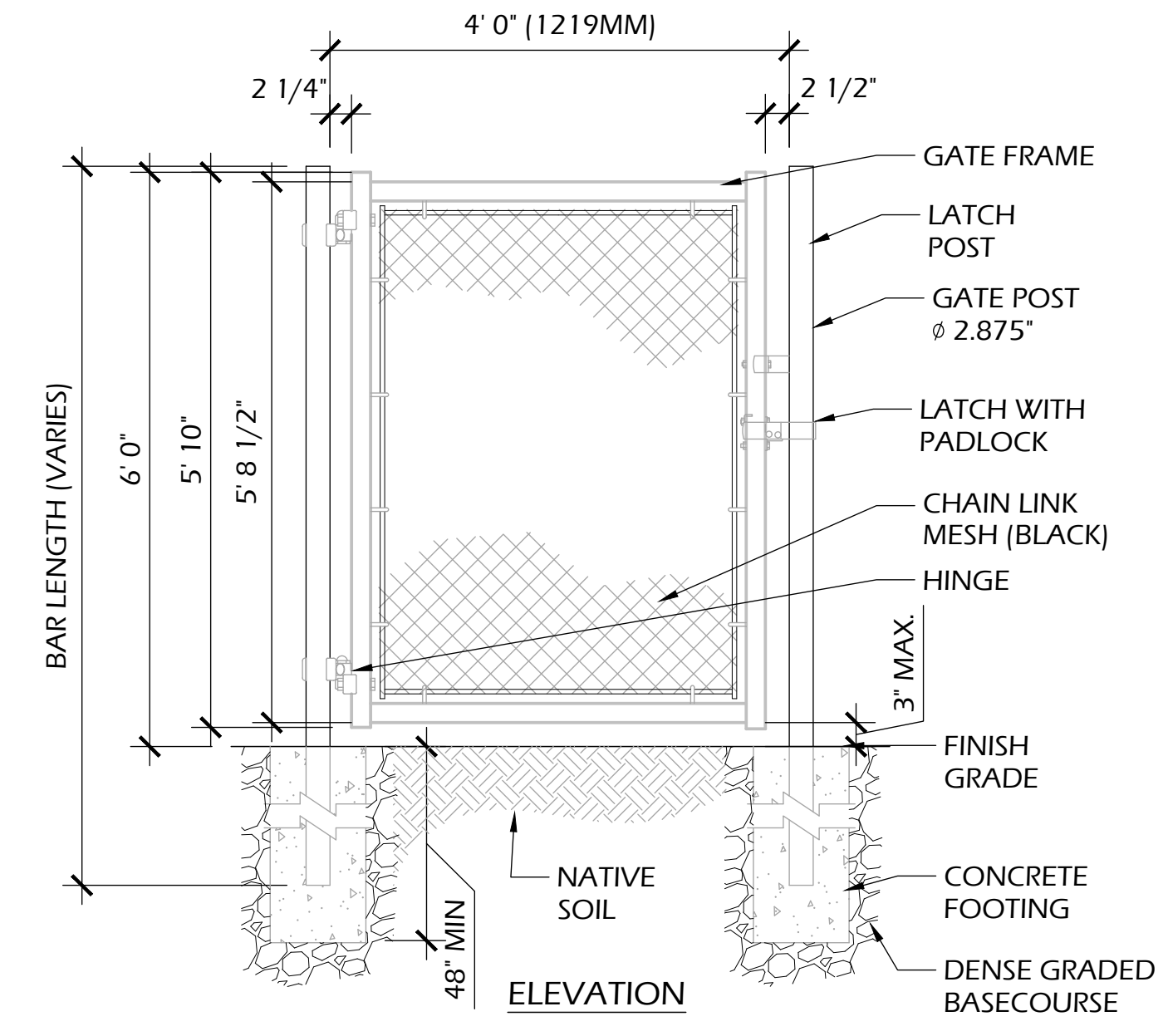
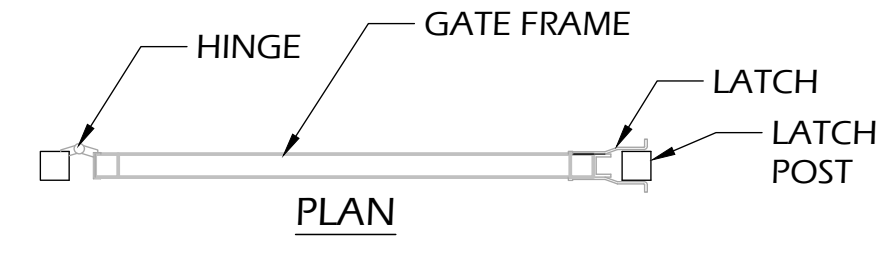
NOTES:  
ALL FENCING SHALL BE GALVANIZED.  
FABRIC SHALL BE INSTALLED ON THE INSIDE OF POOL AREA.  
MAX POST SPACING SHALL BE 10'.

**4** FENCING - 42"  
C903 SCALE: NTS

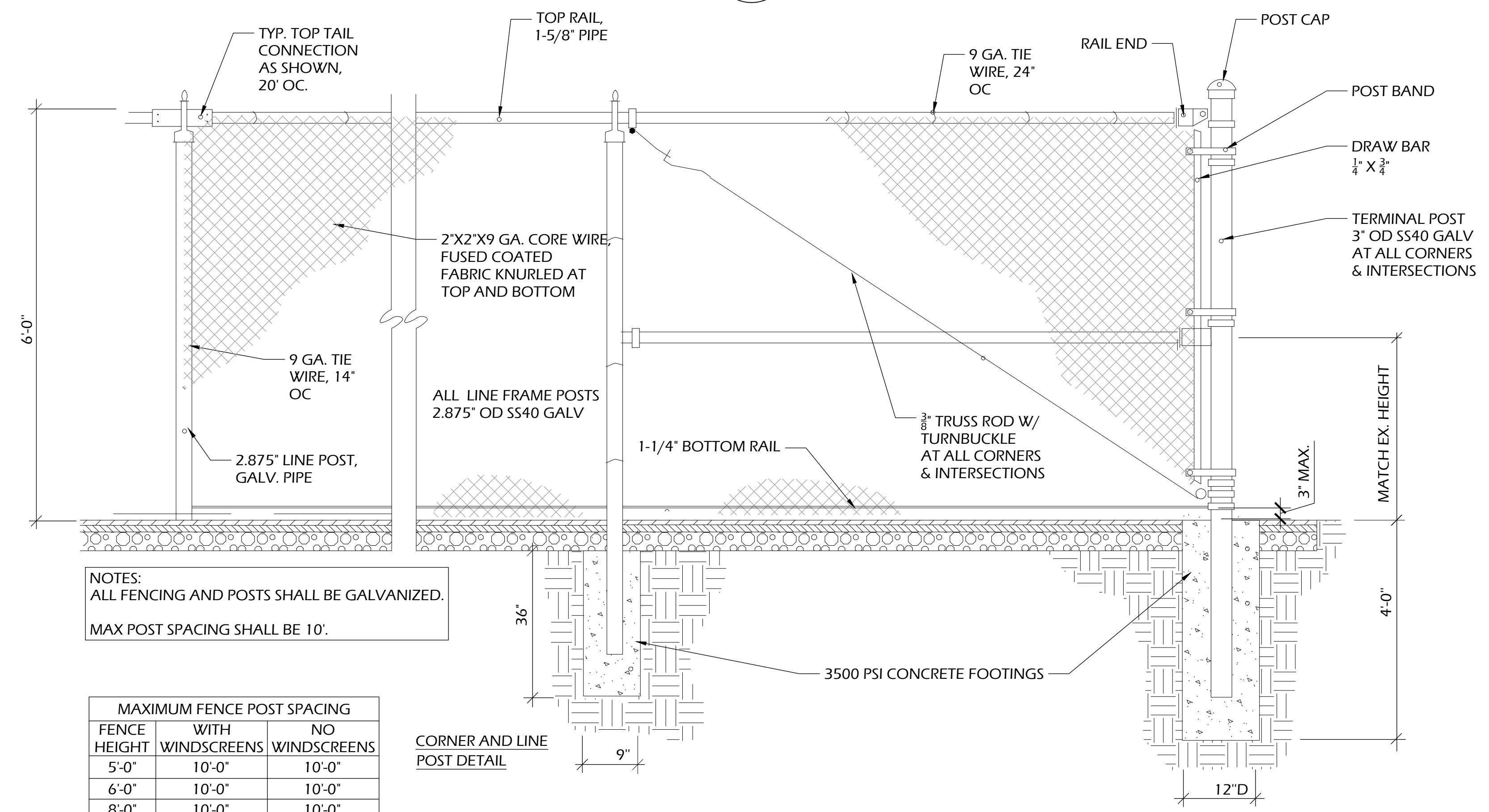


**3** 10' GATE  
C903 SCALE: NTS

PROVIDE WEATHERIZED BATTERY POWERED ALARMED PUSH BAR EXIT DEVICE WITH MOUNTING PLATE AND DEAD BOLT. DAC DETEX MODEL 6047 OR EQUAL.



**2** 4' GATE  
C903 SCALE: NTS



NOTES:  
ALL FENCING AND POSTS SHALL BE GALVANIZED.  
MAX POST SPACING SHALL BE 10'.

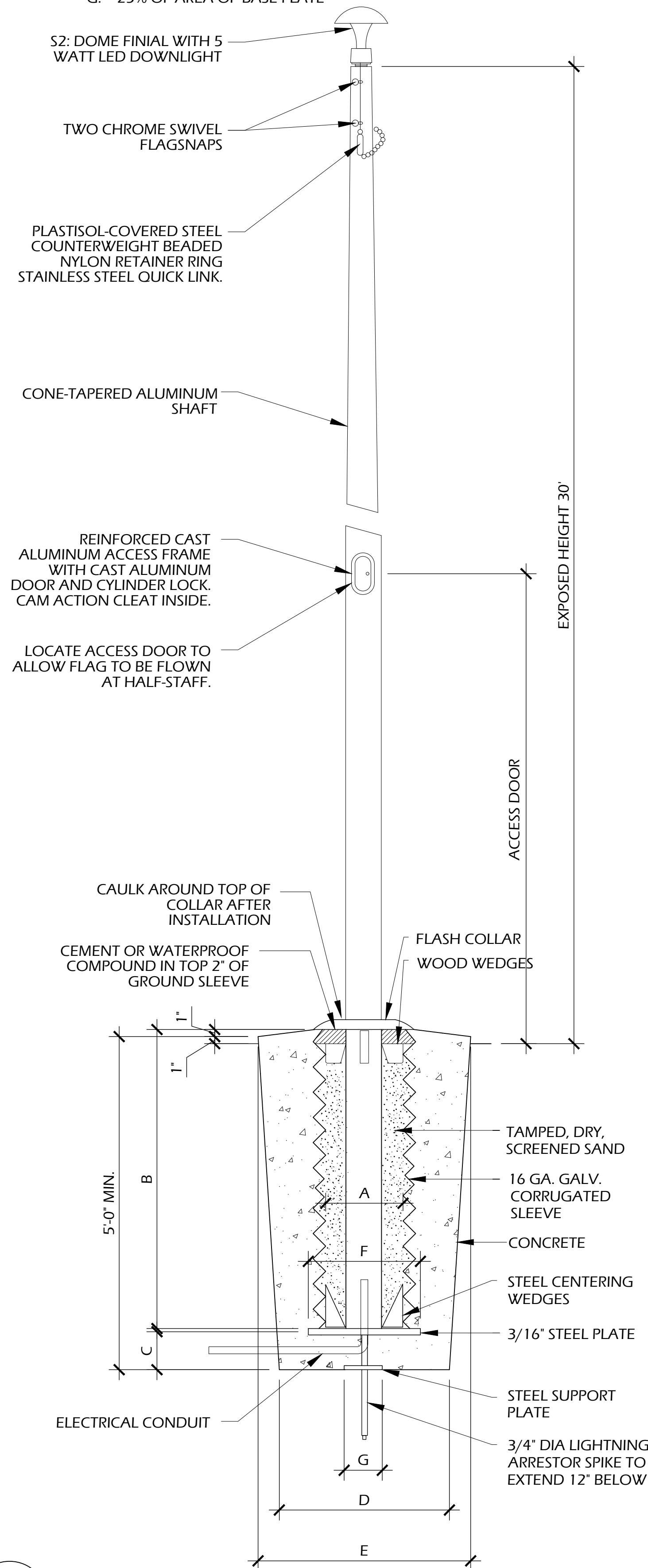
FENCE HEIGHT	MAXIMUM FENCE POST SPACING	
	WITH WINDSCREENS	NO WINDSCREENS
5'-0"	10'-0"	10'-0"
6'-0"	10'-0"	10'-0"
8'-0"	10'-0"	10'-0"
10'-0"	8'-0"	10'-0"

**1** FENCING - 6'  
C903 SCALE: NTS

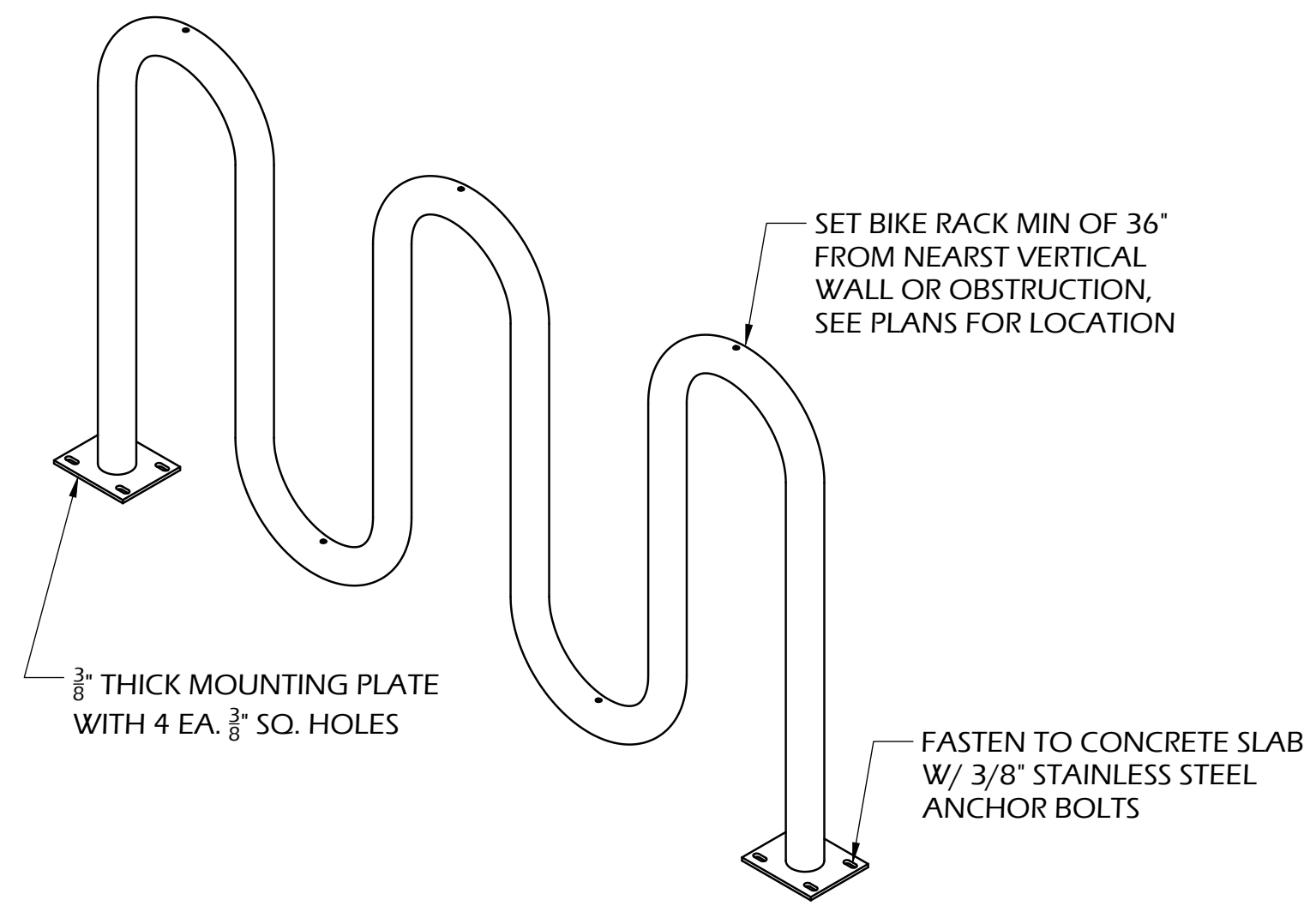
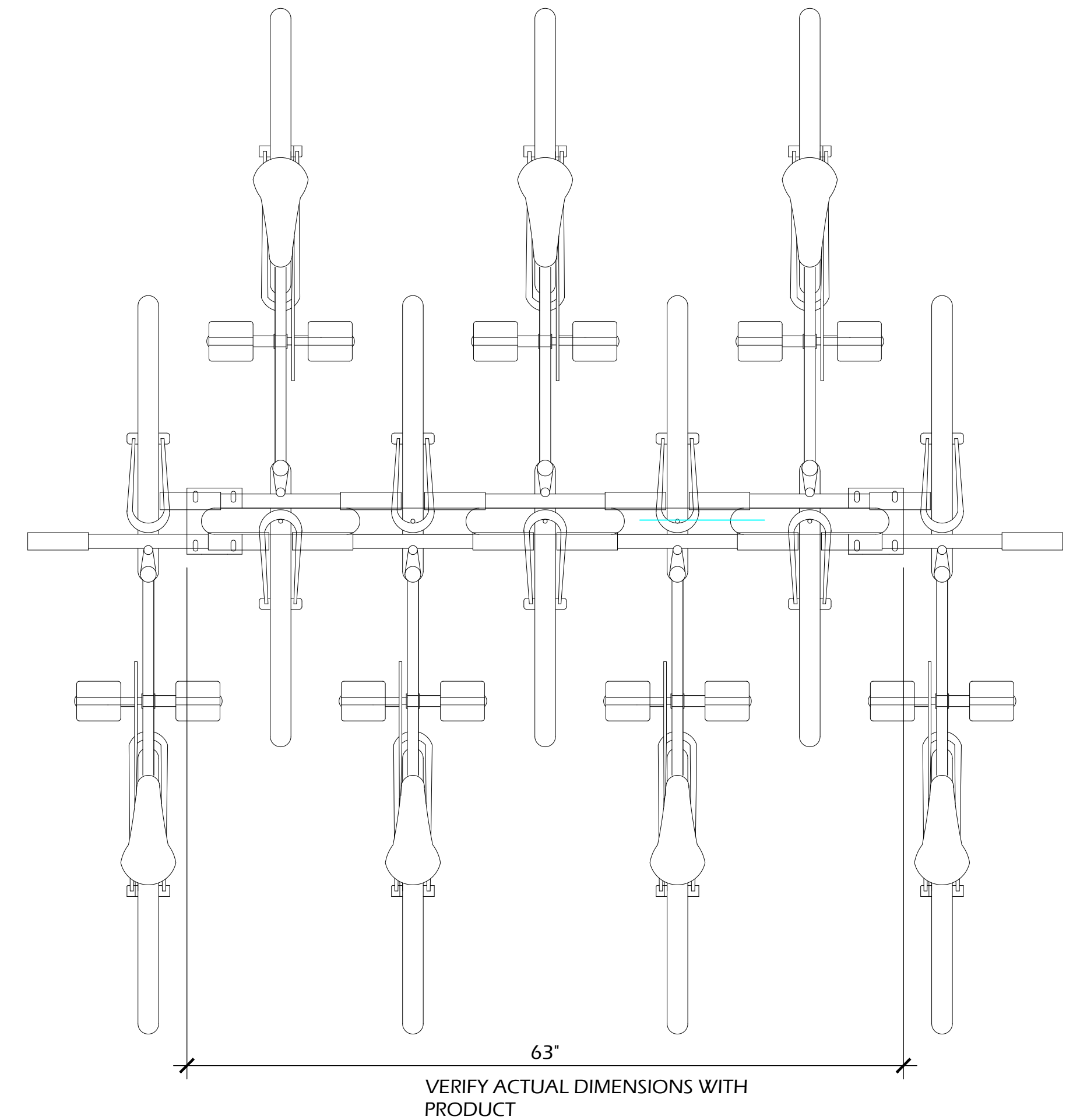
NOTES:  
1. FENCE SHALL HAVE NO EXTERNAL HANDHOLDS OR FOOTHOLDS.  
2. GATE SHALL BE EQUIPPED WITH SELF-CLOSING, LOCKABLE CLOSURE MECHANISMS AT A HEIGHT OF 54" FROM THE BOTTOM OF THE GATE. ALL GATES SHALL BE ABLE TO BE PADLOCKED.  
3. GATES SHOULD OPEN AWAY FROM POOL DECK.  
4. DOUBLE GATES SHALL INCLUDE LATCH CLOSURE TO SECURE TOGETHER. PROVIDE ONE GATE ROD WITH SLEEVE.

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- FOUNDATION SIZING LEGEND**
- A. APPROXIMATELY 3" LARGER THAN OUTSIDE BUTT DIA. OF FLAGPOLE
  - B. 10% OF EXPOSED HEIGHT OF POLE
  - C. 15% IN INCH OF POLE HEIGHT IN FEET (MIN. 3" COVER OVER CONDUIT)
  - D. 4 TIMES OUTSIDE BUTT DIA. OF POLE (24" MIN.)
  - E. 5 TIMES OUTSIDE BUTT DIA. OF POLE (30" MIN.)
  - F. MIN. 6-INCH LARGER SQUARE THAN INSIDE DIA. OF FOUNDATION TUBE
  - G. 25% OF AREA OF BASE PLATE



**2 FLAGPOLE**  
C904 SCALE: NTS



**1 BIKE RACK**  
C904 SCALE: NTS

**PARKITECTURE + PLANNING**  
901 Denning Way, Suite 201  
Madison, WI 53717  
608.203.8203

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Project Name: **SEMINOLE POOL 2.1**  
**5948 SCHUMANN DRIVE**  
**FITCHBURG, WI 53711**

Sheet Title: **CONSTRUCTION DETAILS**

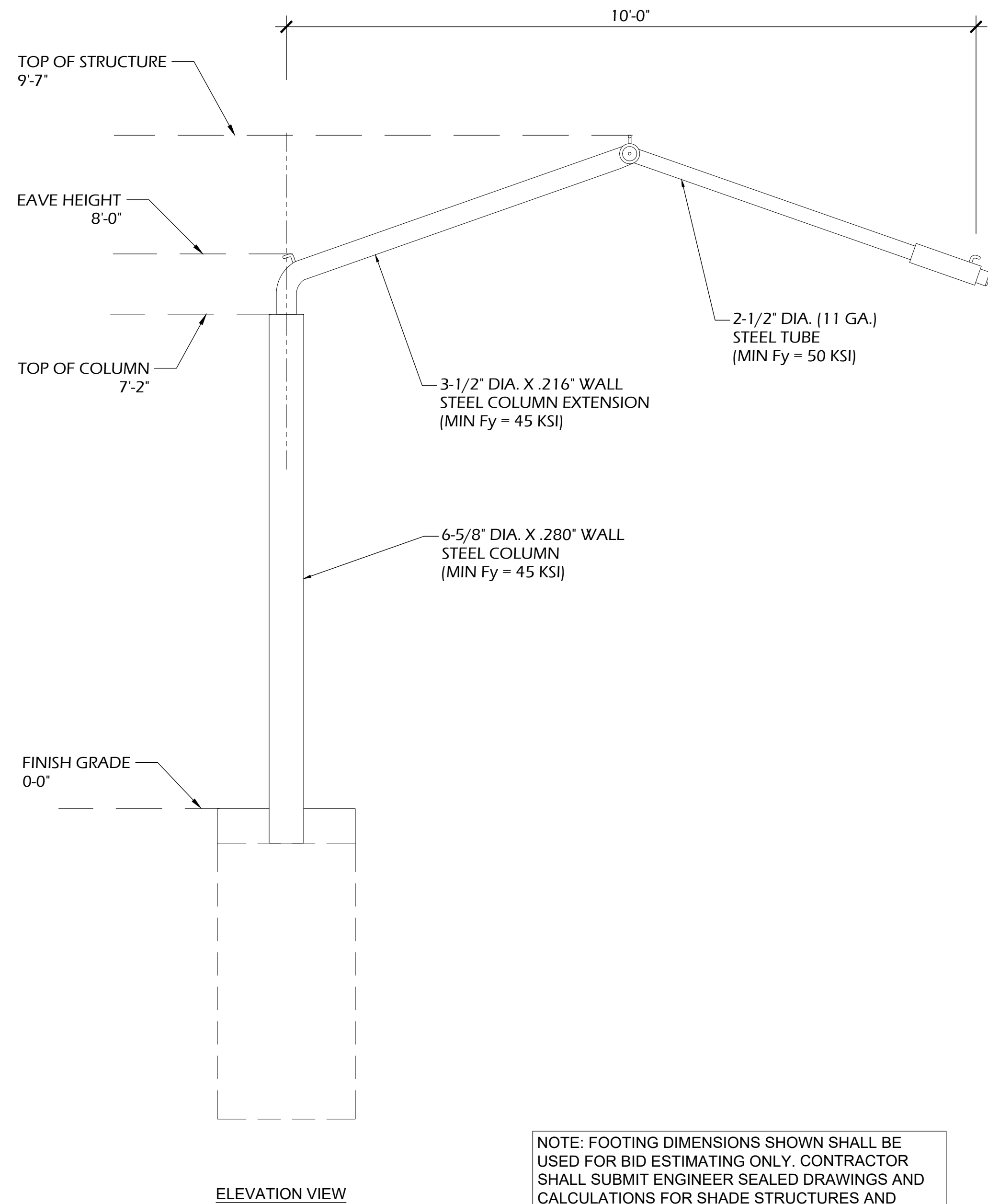
Revisions:

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Project #: 22.050  
Issued For: REVIEW  
Date: 3/23/2026

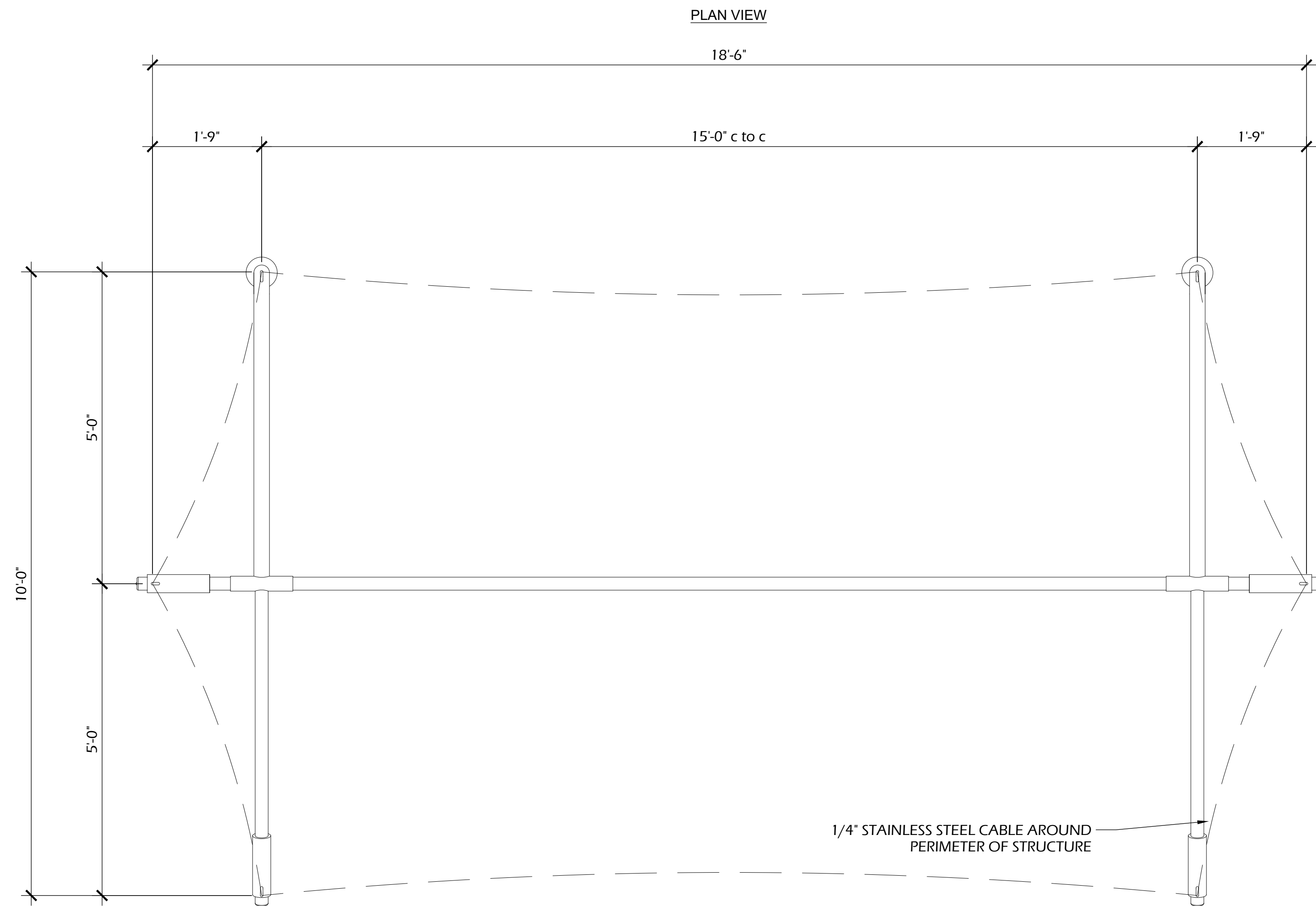
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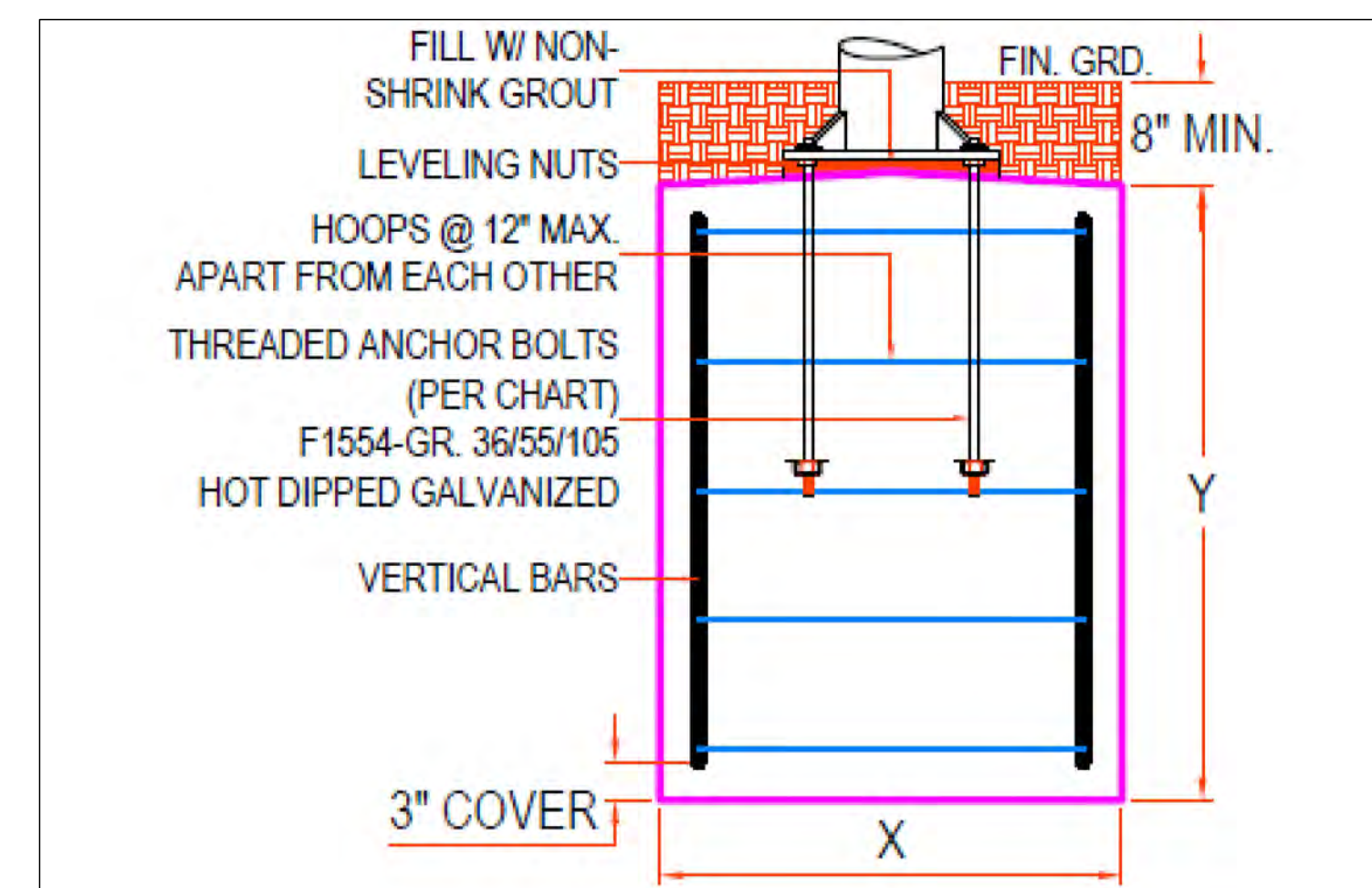


NOTE: FOOTING DIMENSIONS SHOWN SHALL BE USED FOR BID ESTIMATING ONLY. CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS. FINAL FOOTING DIMENSIONS WILL VARY.

- NOTES:
- 'SHADE SYSTEMS' MODEL SW101508 OR EQUAL.
  - ALL FASTENERS SHALL BE STAINLESS STEEL.
  - ASSEMBLE AND PLACE PER MANUFACTURER RECOMMENDATIONS.
  - IF MANUFACTURER RECOMMENDATIONS DIFFER FROM THIS DETAIL, MANUFACTURER RECOMMENDATIONS SHALL PREVAIL.
  - CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS.



10'-0" EAVE HEIGHT														
COLUMN SIZE = 6" DIA.														
STANDARD FOOTER						SPREAD FOOTER								
INGROUND			PIER MOUNT			INGROUND				PIER MOUNT				
X	Y	Z	NO. OF VERTICAL BARS	X	Y	ANCHOR BOLT SIZE & LENGTH	NO. OF VERTICAL BARS	SQ.	DEPTH	NUMBER OF HORIZONTAL REBARS EACH DIR.	SQ.	DEPTH	ANCHOR BOLT SIZE & LENGTH	NUMBER OF HORIZONTAL REBARS EACH DIR.
24"	48"	32"	6	24"	48"	Ø3/4" 24"	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A



**PIER MOUNT** NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

**1 SHADE STRUCTURE - SHADEWALK**  
SCALE: NTS

**PARKITECTURE + PLANNING**  
 901 Deming Way, Suite 201  
 Madison, WI 53717  
 608.203.8203  
 Parkitecture.com

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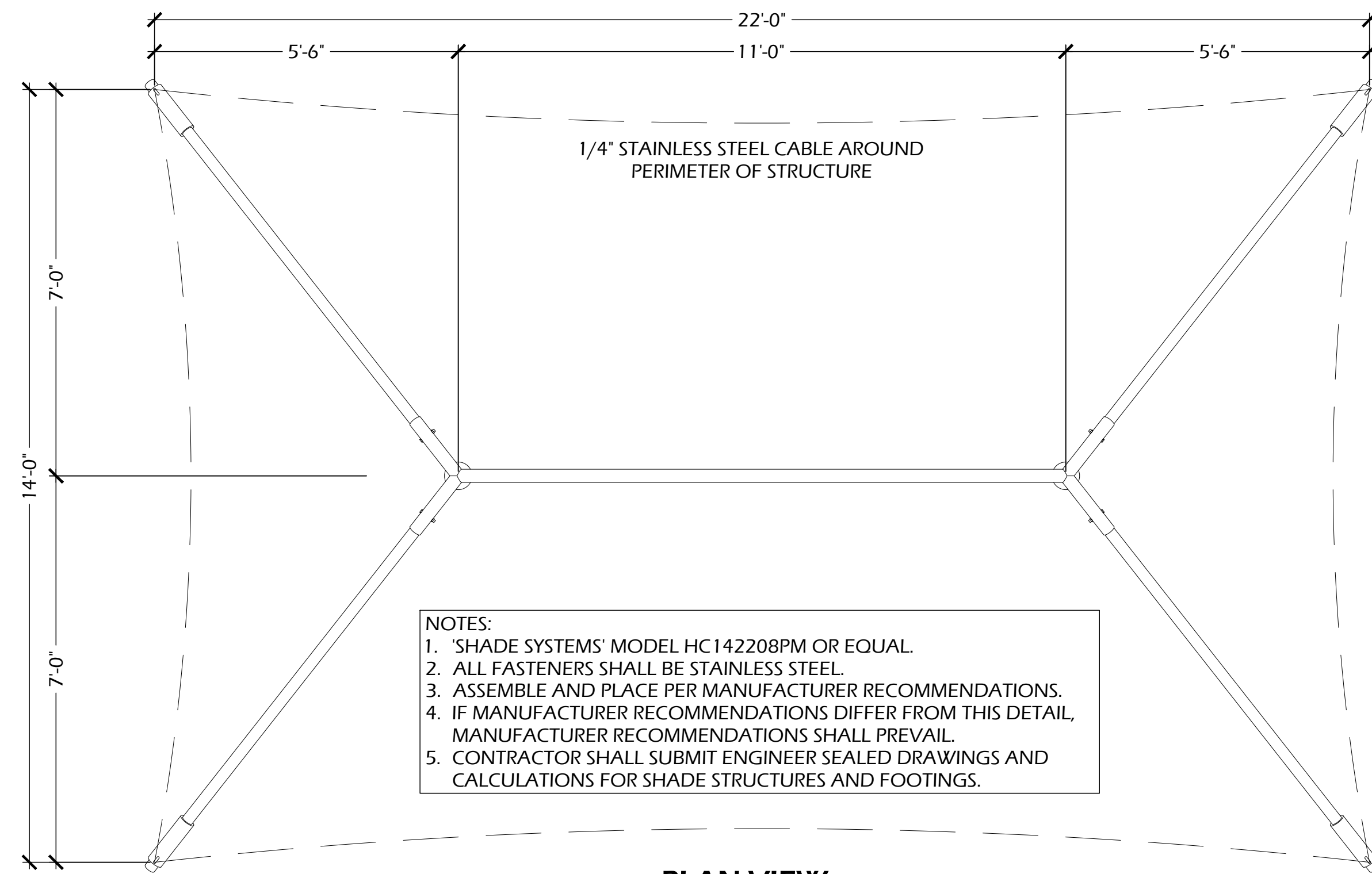
Project Name: **SEMINOLE POOL 2.1**  
 5948 SCHUMANN DRIVE  
 FITCHBURG, WI 53711

Sheet Title: **CONSTRUCTION DETAILS**

Revisions:

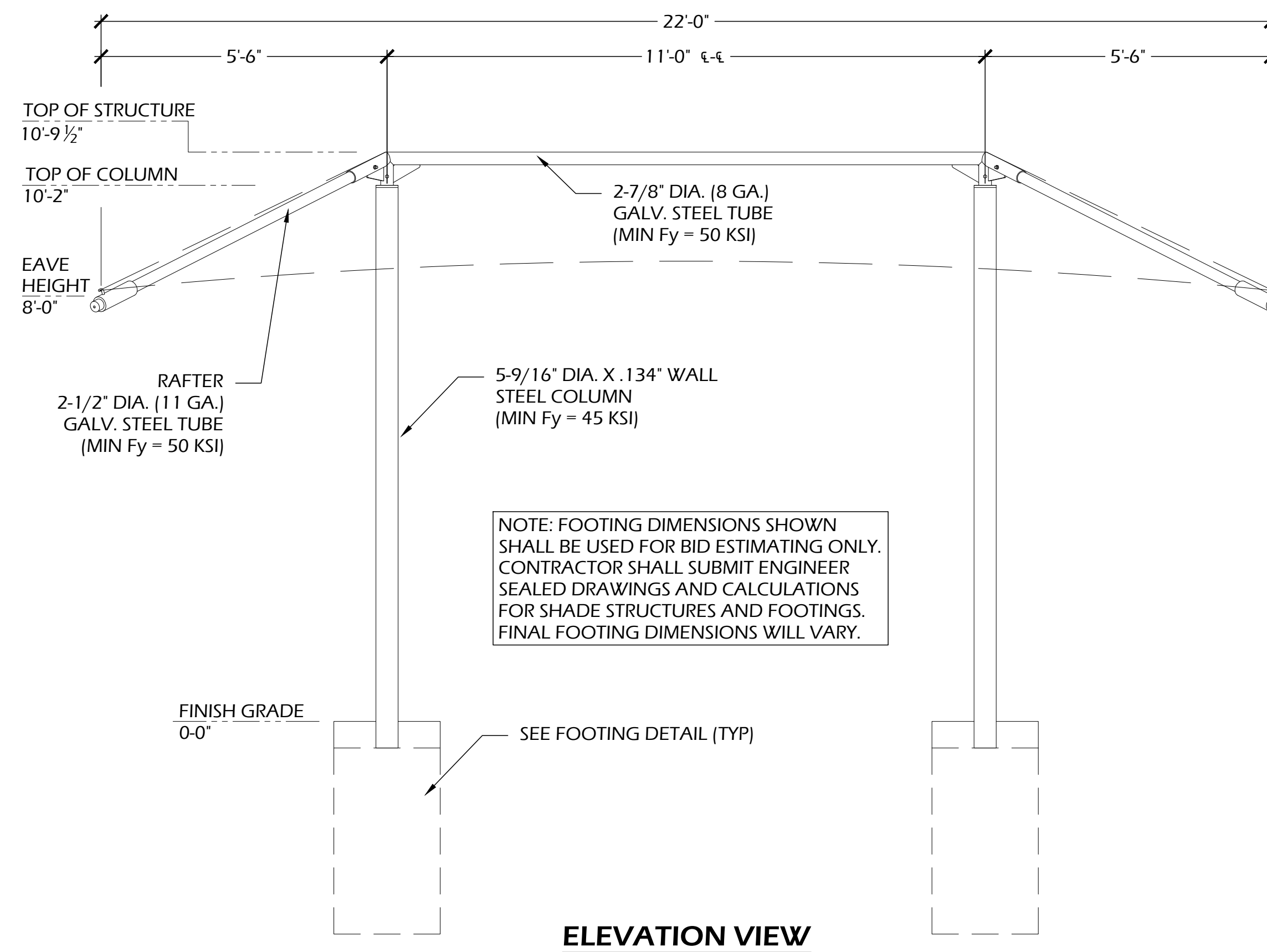
Project #: 22.050  
 Issued For: REVIEW  
 Date: 3/23/2026

Sheet Number: **C905**



- NOTES:**
1. 'SHADE SYSTEMS' MODEL HC142208PM OR EQUAL.
  2. ALL FASTENERS SHALL BE STAINLESS STEEL.
  3. ASSEMBLE AND PLACE PER MANUFACTURER RECOMMENDATIONS.
  4. IF MANUFACTURER RECOMMENDATIONS DIFFER FROM THIS DETAIL, MANUFACTURER RECOMMENDATIONS SHALL PREVAIL.
  5. CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS.

**PLAN VIEW**

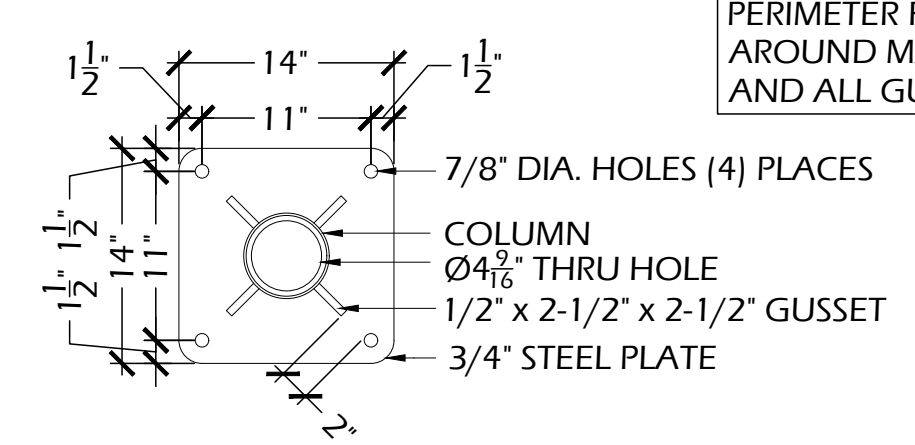


NOTE: FOOTING DIMENSIONS SHOWN SHALL BE USED FOR BID ESTIMATING ONLY. CONTRACTOR SHALL SUBMIT ENGINEER SEALED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURES AND FOOTINGS. FINAL FOOTING DIMENSIONS WILL VARY.

**ELEVATION VIEW**

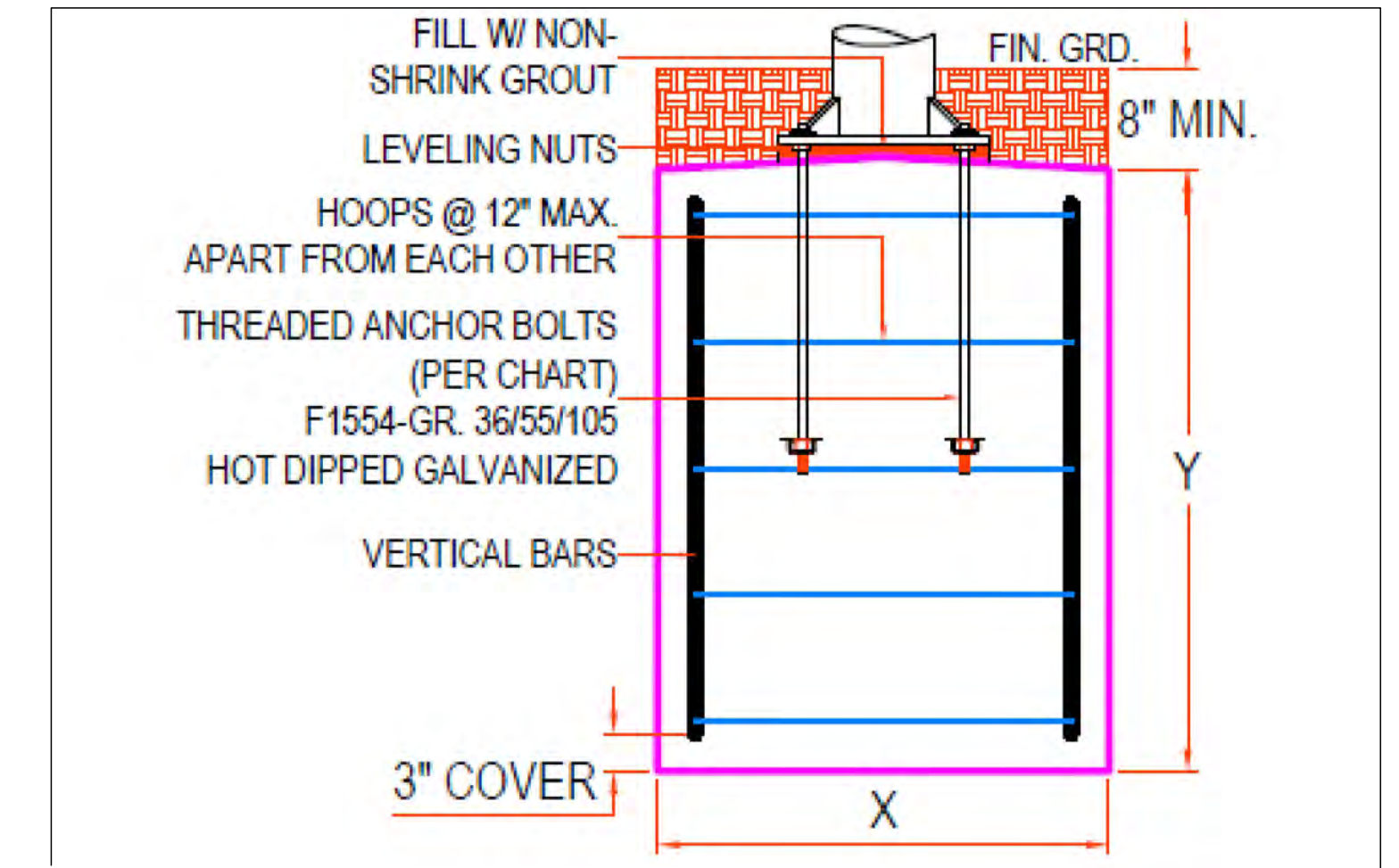
NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS SUPPLIED BY CONTRACTOR

NOTE: BASE PLATE WELDS TO BE 1/4" FULL PERIMETER FILLET AROUND MAIN PIPE AND ALL GUSSETS



**BASE PLATE DETAIL**

10'-0" EAVE HEIGHT													
COLUMN SIZE = 6" DIA.													
STANDARD FOOTER						SPREAD FOOTER							
INGROUND			PIER MOUNT			INGROUND				PIER MOUNT			
X	Y	Z	X	Y	Z	SQ.	DEPTH	NO. OF VERTICAL REBARS	NO. OF HORIZONTAL REBARS	SQ.	DEPTH	NO. OF VERTICAL REBARS	NO. OF HORIZONTAL REBARS
24"	48"	32"	24"	48"	03/4" 24"	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A



**FOOTING DETAIL**

**PIER MOUNT** NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

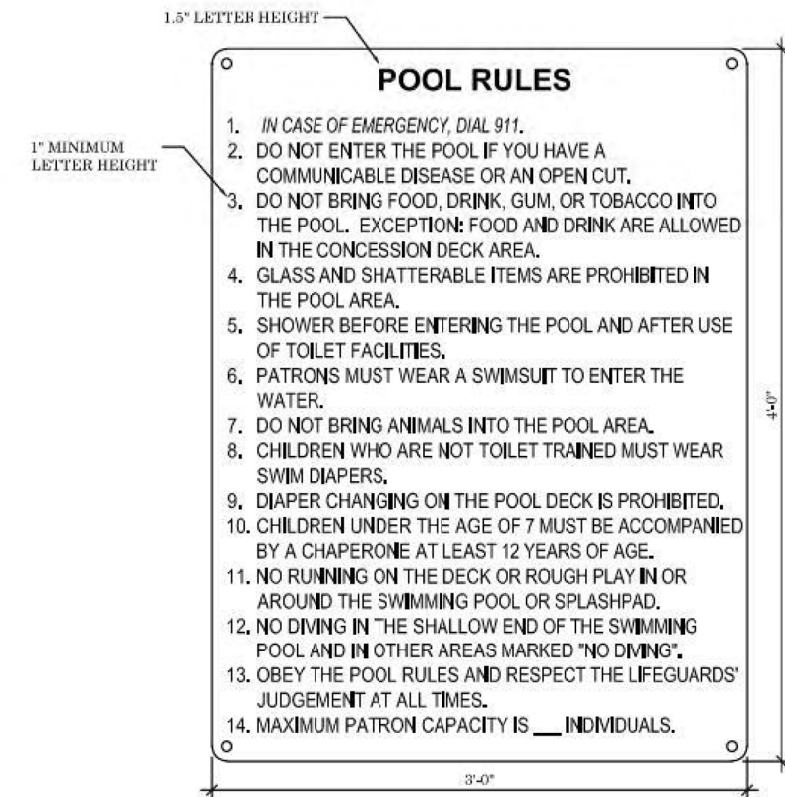
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POOL EQUIPMENT ABBREVIATIONS			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
3WV	THREE WAY VALVE	GV	GATE VALVE
BV	BALL VALVE	Hz	HERTZ
BCV	BACKWASH CONTROL VALVE	M	MOTOR
BFV	BUTTERFLY VALVE	MI	MAZZIE INJECTOR
BFVM	MOTORIZED BUTTERFLY VALVE	NC	NORMALLY CLOSED
BPA	BYPASS LINE ASSEMBLY	NO	NORMALLY OPEN
CP	CHEMICAL PROBE	O.C.O.A.	OPEN-CLOSE-OFF-AUTO
CC	CHEMICAL CONTROLLER	P	PUMP
CF	CHEMICAL FEED PUMP	PG	PRESSURE GAUGE
CV	CHECK VALVE	PS	PRESSURE SENSOR
CG	COMBINATION GAUGE (VAC PRESSURE)	PN	PNEUMATIC ACTUATOR
CT	CHEMICAL TANK	PSH	PUMP SUCTION HEAD
SF	SAND FILTER	RD	REDUCER, ENLARGER
FCS	FREE CHLORINE SENSOR	SG	BACKWASH SIGHT GLASS
FM	FLOW METER	ST	STRAINER
FRV	FLOW RESTRICTION VALVE	SV	SOLENOID VALVE
FS	FLOW SENSOR	TDH	TOTAL DYNAMIC HEAD
GPM	GALLONS PER MINUTE	TI	TEMPERATURE INDICATOR
GV	GLOBE VALVE	TP	TEMPERATURE PROBE
H	HEATER	TS	TEMPERATURE SWITCH
H.O.A.	HAND OFF AUTO	V	VALVE
HB	HOSE BIB	YS	WYE STRAINER
HP	HORSE POWER	WLM	WATER LEVEL VALVE (ACTUATED)
		WLS	WATER LEVEL SENSOR

POOL DECK EQUIPMENT				
DESCRIPTION	MANUFACTURER	MODEL	DESCRIPTION	QTY
40-INCH LIFE GUARD CHAIR	KEIFER	300240	TWO-PLATFORM, RECYCLED PLASTIC LIFE GUARD CHAIR, WHITE	4
LANE MARKER REEL	COMPETITOR	STOR-LANE	PORTABLE STAINLESS STEEL RACING LANE STORAGE REEL WITH HEAVY VINYL FITTED COVER	
75' LANE MARKERS	COMPETITOR	200330000	4" DIA., 75 YD., 15 FT SOLID BLUE ENDS, ALTERNATING BLUE AND WHITE SECTIONS, RED 15m BACKSTROKE MARKER	9
SAFETY LINE KIT	RECREONICS	12-378.50	0.375 INCH, 50 FT BLUE & WHITE POLYPROPYLENE ROPE WITH BLUE & WHITE FLOATS SPACED 2 FT ON CENTER	1
ROPE HOOKS	RECREONICS	14-442	CHROME PLATED BRONZE CLAMP STYLE ROPE HOOK	4
STAIR RAILINGS	PARAGON AQUATICS	34203	1.90"x0.065" T304 STAINLESS STEEL FIGURE 3-BEND HANDRAIL WITH BRONZE WEDGE ANCHOR SOCKETS AND S.S. ESCHUTCHEON PLATES	10
LADDER RAILINGS	PARAGON AQUATICS	30103	1.90"x0.065" T304 STAINLESS STEEL FIGURE 4 GRAB RAIL WITH BRONZE WEDGE ANCHOR SOCKETS AND S.S. ESCHUTCHEON PLATES	10
DIVING BOARD	SR SMITH	OLYMPIAN	16 FT ALUMINUM, NON-SLIP TREAD, WHITE	2
DIVING BOARD STAND	PARAGON PARAFLYTE	3UPERFLYTE	1 M HEIGHT, REAR ENTRY, 1.90" T304 STAINLESS STEEL RAILINGS (0.145 TUBE THICKNESS) STAIN EPOXY PAINTED WHITE (NOTE #1)	2
BASKETBALL	SR SMITH	3WIM N DUNK	"ROCK SOLID" EXTENDED REACH WITH ANCHOR AND NETTING	2
BACKBOARD	IRON DUCK	3Y OWNER	72-INCH LONG, 16-INCH WIDE, 500 LB WEIGHT CAPACITY, 250 LB FLAT CAPACITY	1
RING BUOY	RECREONICS	3Y OWNER	RED, 30 INCH CLOSED CELL PLASTIC	1
LIFE HOOK	RECREONICS	3Y OWNER	SINGLE LOOP SHEPHERD HOOK WITH 16 FOOT POLE	1
WATER TEST KIT	TAYLOR	3Y OWNER		1
LEAF SKIMMER	RECREONICS	3Y OWNER		1
WALL BRUSH	RECREONICS	3Y OWNER		1
LEAF RAKE	RECREONICS	3Y OWNER		1
MAINTENANCE POLE	RECREONICS	3Y OWNER	ALUMINUM TELESCOPING POLE (6 FOOT - 12 FOOT)	2

NOTES:

- PARAFLYTE DIVING BOARD STANDS COME DELIVERED WITH PRIMER FINISH FROM FACTORY. POOL CONTRACTOR IS RESPONSIBLE FOR APPLICATION OF EPOXY PAINT ON DIVING BOARD STAND. OWNER TO PROVIDE STAND AND ALL ANCHORAGES AND FASTENERS.
- ALL RIGIDLY ATTACHED, ELECTRICALLY CONDUCTIVE, POOL DECK EQUIPMENT AND ANCHORAGES WITHIN 6 FEET OF POOL EDGE SHALL BE ELECTRICALLY BONDED IN COMPLIANCE WITH REQUIREMENTS SPECIFIED IN NFPA NEC 70, CURRENT EDITION. POOL CONTRACTOR IS RESPONSIBLE FOR ENSURING BONDING IS PERFORMED AND THAT THE ELECTRICAL INSPECTOR HAS REVIEWED AND APPROVED WORK PERFORMED.
- OWNER TO PROVIDE ALL DECK EQUIPMENT AND LIFE SAFETY DEVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING AND INSTALLING OWNER PROVIDED ITEMS.



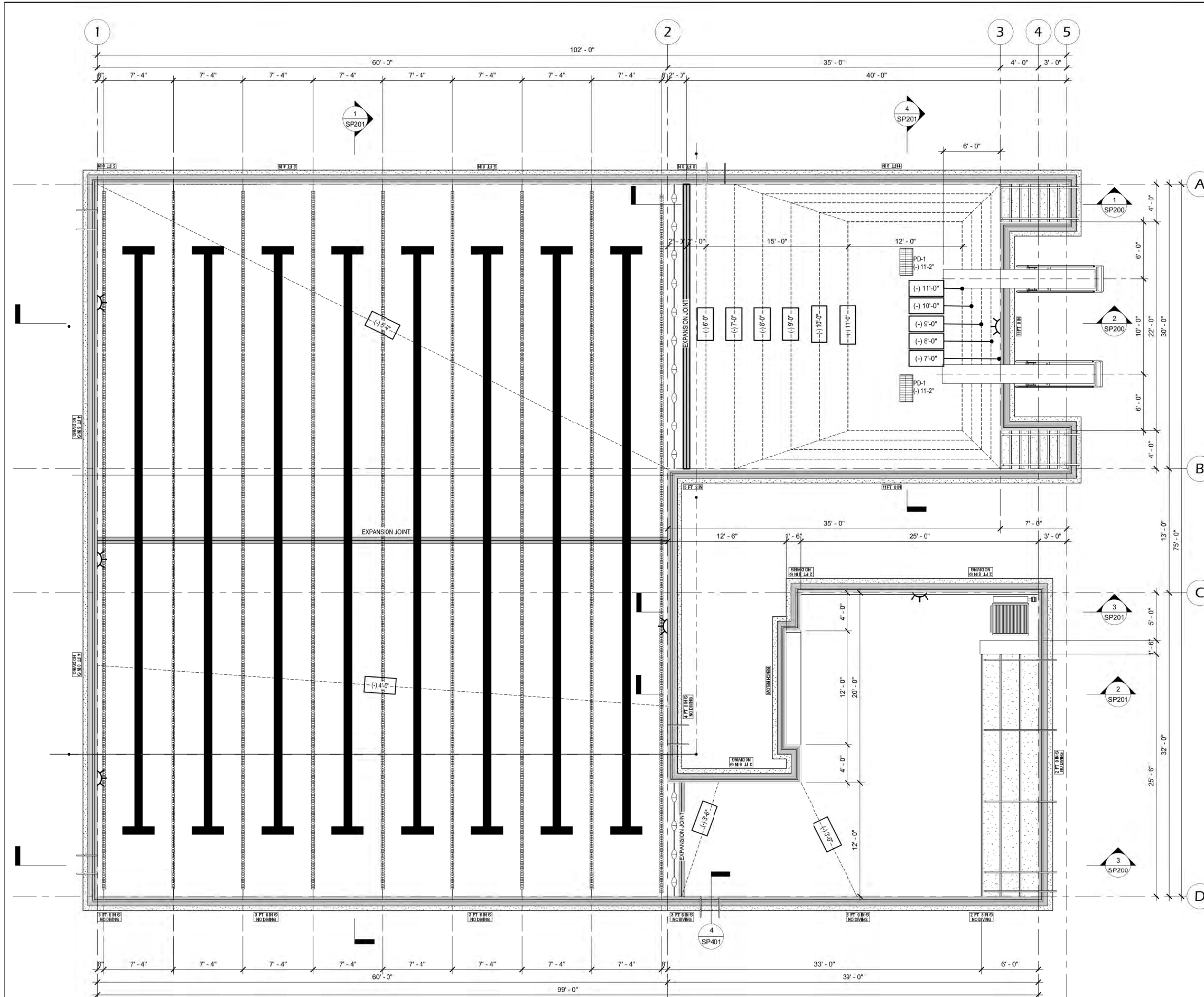
NOTES:

- SIGN SHALL BE AN ALUMINUM BOARD WITH SHEET VINYL.
- MOUNT TO SOUTH SIDE OF BUILDING WITH TAMPERPROOF FASTENERS.
- SIGN SHALL BE LEVEL.
- FINAL LOCATION TO BE APPROVED BY OWNER.
- COLORS SHALL BE DETERMINED BY OWNER AND A/E DURING SUBMITTALS.

Revisions:

Project #: 22.050  
 Issued For: PRICING  
 Date: 12/4/2025

Sheet Number  
**SP001**



POOL DATA	
WATER SURFACE AREA	6,582 SF
POOL PERIMETER	409 FT
MAX. DEPTH	11.17 FT
TOTAL POOL VOLUME	240,528 GALLONS (32,156 CF)
SURGE TANK VOLUME	7,192 GALLONS (961 CF)
TURNOVER RATE REQUIRED	360 MIN (6 HR)
TOTAL TURNOVER FLOW REQ'D	688 GPM
RECIRCULATION PUMP	PENTAIR AURORA 3801-4x5x9.5
RECIRCULATION PUMP HP	20 HP
PUMP PERFORMANCE	688 GPM @ 70 FT TDH
FILTER	POLTANK 42-260-050-E (26.0 SF, EACH)
# OF FILTERS	2
FILTER AREA REQ'D	45 SF
FILTER AREA	52 SF
FILTRATION RATE	12.85 GPM per SF
PATRON LOAD	385 PATRONS

POOL PUMPS		
PUMP	OPERATIONAL FLOW	MAX. PUMP FLOW
P-1 (FILTRATION)	688 GPM @ 70 FT TDH	1,010 GPM

POOL DRAINS			
DRAIN #	COVER	OPERATIONAL FLOW	MAX. FLOW
PD-1	FI-SG-183624	334 GPM	505 GPM
PD-2	FI-SG-183624	334 GPM	505 GPM

DRAIN SUMP DATA		
MAKE/MODEL	OPEN AREA	FLOW CAPACITY
LAWSON AQUATICS FI-SG-183624	343.44 SQ. IN.	2080 GPM

POOL FINISHES			
ITEM	DESCRIPTION	COLOR	NOTE
PLASTER	CL INDUSTRIES - SUNSTONE	BLUE	2
EJ TILE-1	DALTILE - KEYSTONE MOSAICS	WATERFALL (D161)	7
MARKER TILE-2	DALTILE - KEYSTONE MOSAICS	BLACK (D311)	7
GUTTER GRATING	LAWSON AQUATICS - SUPERGRIP	WHITE	
HAND HOLDS	LAWSON AQUATICS - BULL NOSE HAND HOLDS	WHITE	
FLOOR INLETS	STA-RITE 2" DIA - ADJUSTABLE	WHITE	
J-1 SEALANT	MAPESIL - T	RAIN	3
J-2 SEALANT	TREMCO - DYMONIC 100	GRAY	2,4

- NOTES**
- COLOR SELECTED FROM CL INDUSTRIES SUNSTONE STANDARD COLORS.
  - SEALANT COLORS SELECTED FROM TREMCO, DYMONIC 100 SERIES STANDARD COLORS.
  - J-1 SEALANT TO BE USED AT ALL SUBMERGED EXPANSION JOINT SEALANTS WITHIN POOL STRUCTURE.
  - J-2 SEALANT TO BE USED AT ALL JOINT SEALANTS AT BETWEEN POOL AND POOL DECK, AND AT EXPANSION JOINTS IN POOL GUTTERS AND AT TOP OF WALLS.
  - UNLESS NOTED OTHERWISE ALL EXPOSED FITTINGS WITHIN POOL SHALL BE WHITE.
  - PRODUCTS LISTED IN SCHEDULE ARE BASIS OF DESIGN PRODUCTS AND EQUIVALENT PRODUCTS FROM ALTERNATE MANUFACTURERS MAY BE ACCEPTABLE WITH POOL ENGINEER'S APPROVAL.
  - MOSAIC TILES TO HAVE COLORED GROUT, BOSTICK COLOR H200 "STEEL"

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Project Name: **SEMINOLE POOL 2.0**  
 5948 SCHUMANN DRIVE  
 Fitchburg, WI 53711

Sheet Title: **POOL PLAN**

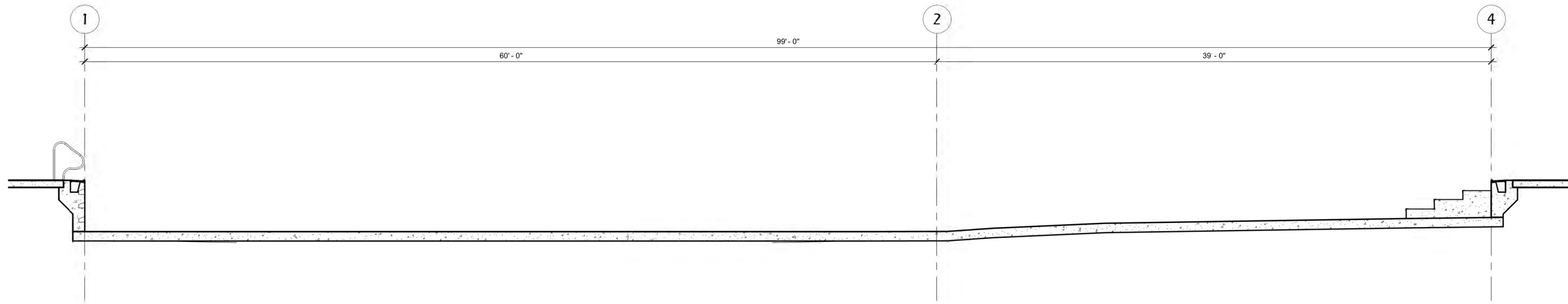
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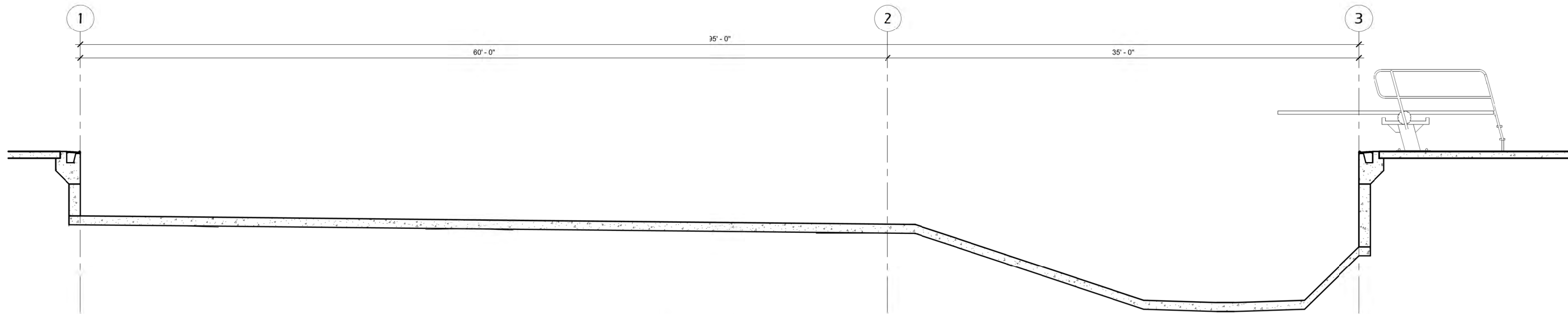
Sheet Number: **SP100**

**1 POOL PLAN**  
 SP100 3/16" = 1'-0"

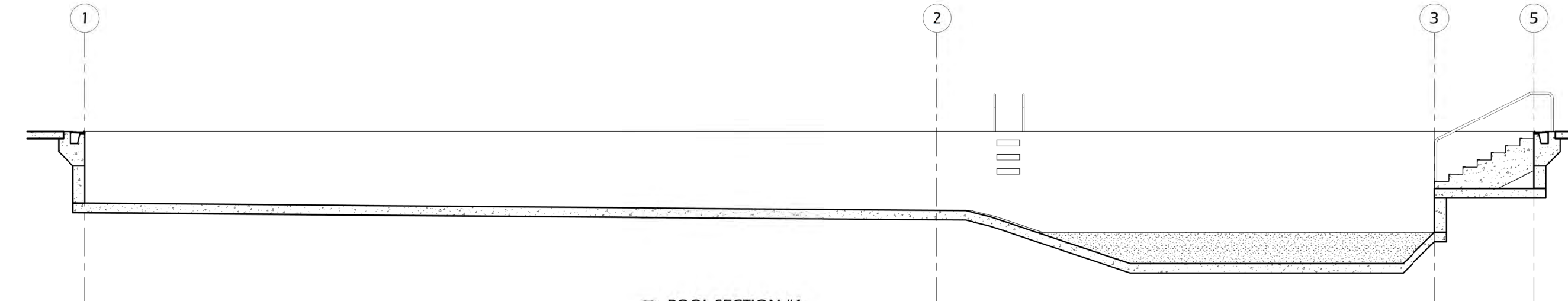




3 POOL SECTION #3  
SP200 1/4" = 1'-0"



2 POOL SECTION #2  
SP200 1/4" = 1'-0"



1 POOL SECTION #1  
SP200 1/4" = 1'-0"

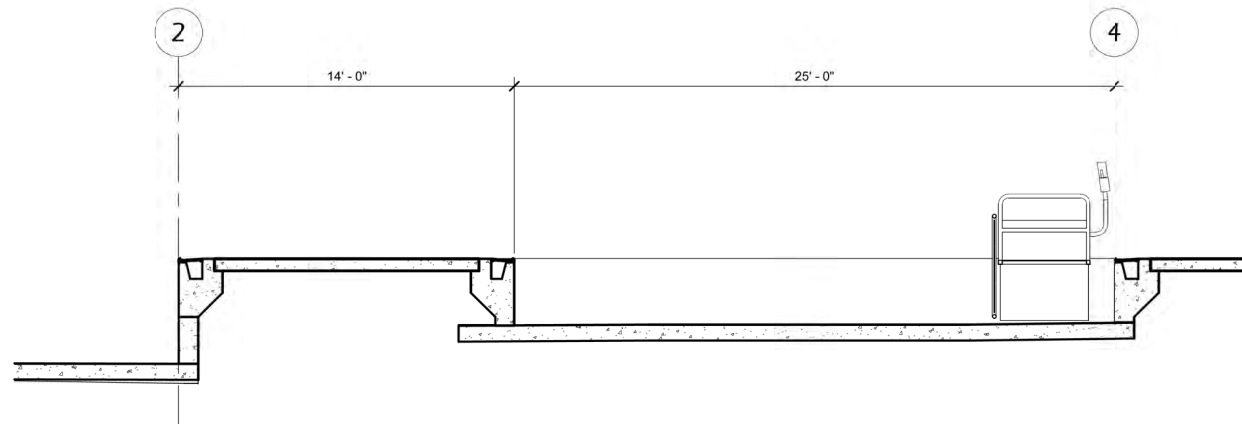
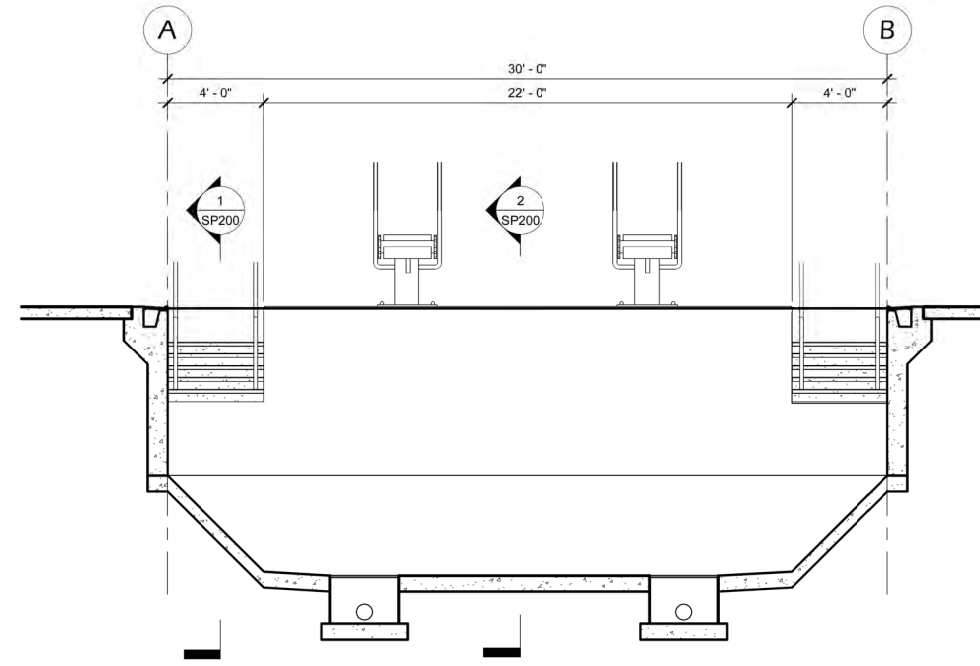
Project Name:  
**SEMINOLE POOL 2.0**  
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Sheet Title  
**POOL SECTIONS**

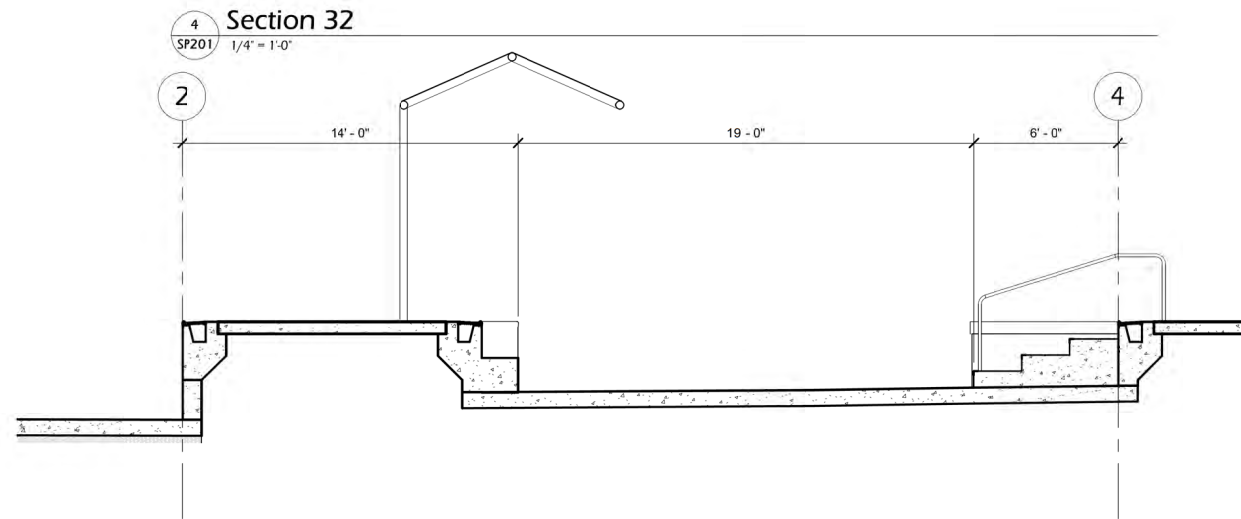
Revisions:

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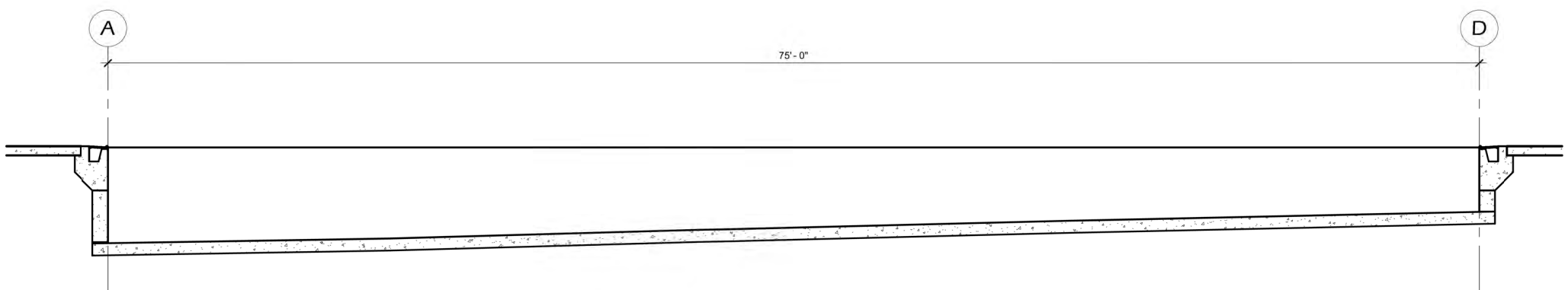
Sheet Number  
**SP201**



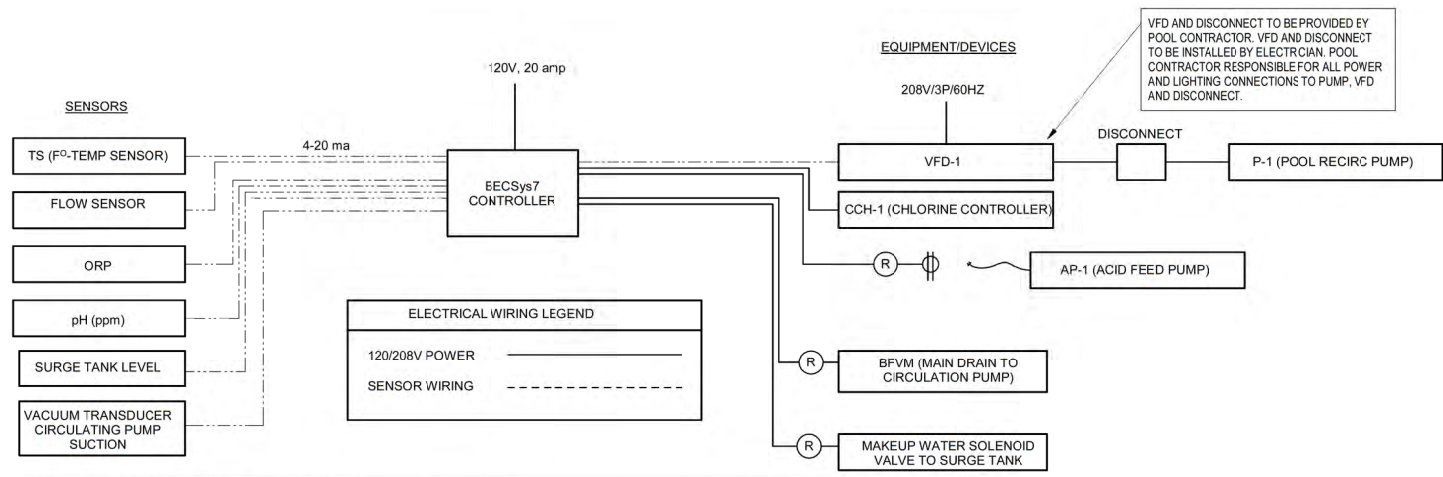
**3** POOL SECTION #6  
SP201 1/4" = 1'-0"



**2** POOL SECTION #5  
SP201 1/4" = 1'-0"



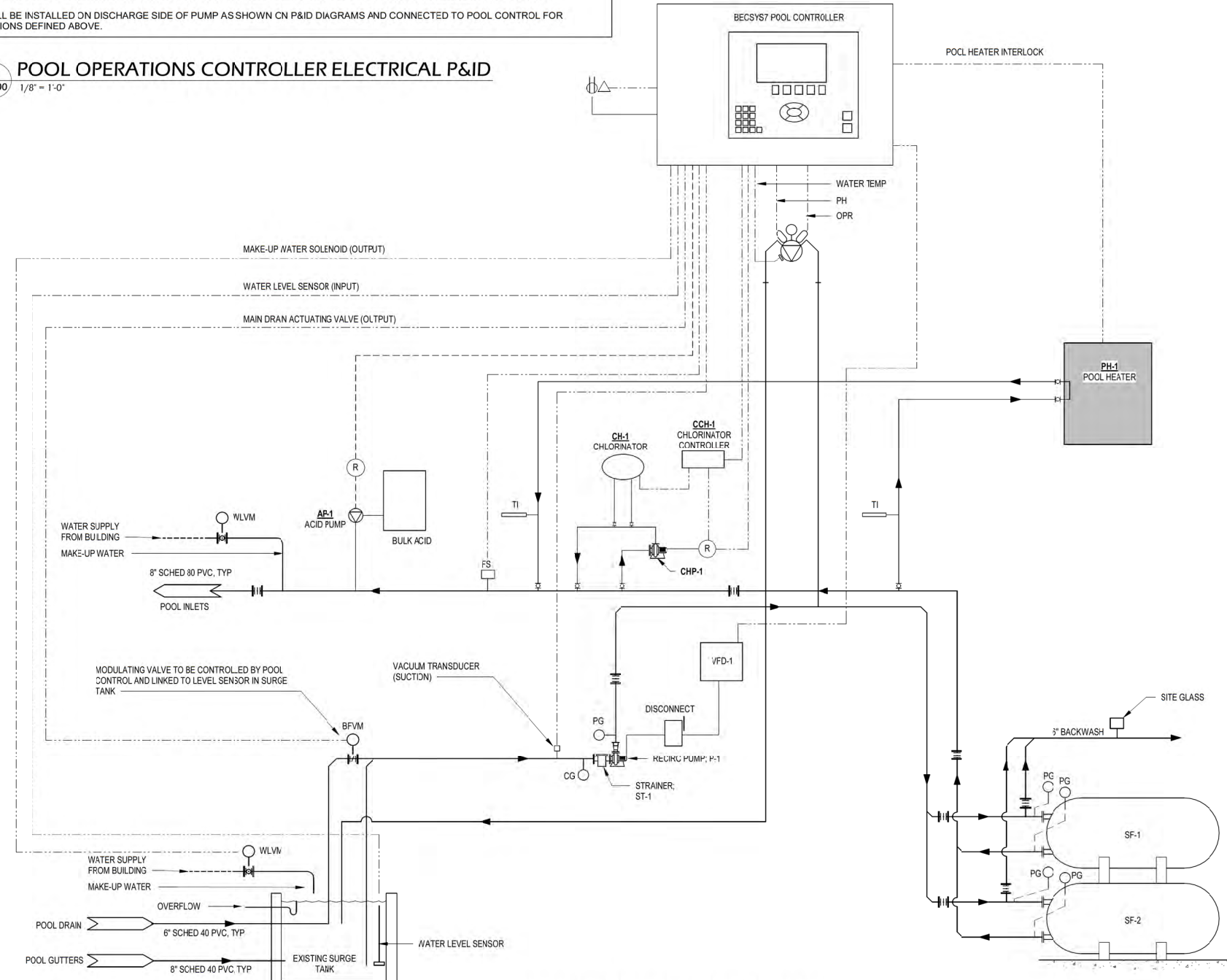
**1** POOL SECTION #4  
SP201 1/4" = 1'-0"



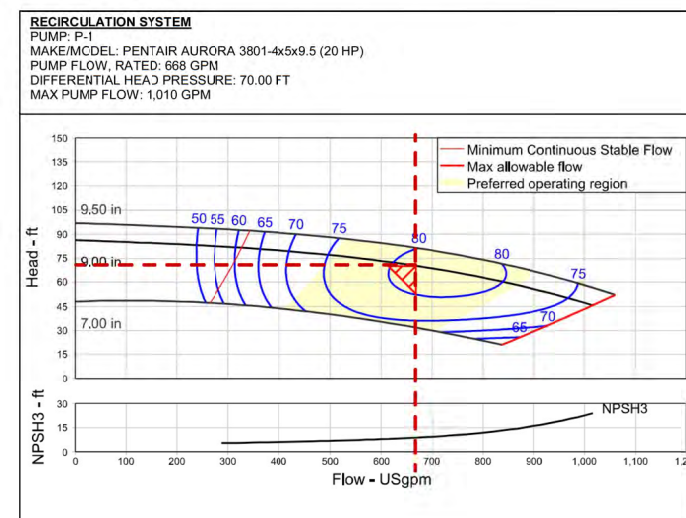
- POOL CONTROLLER INTERLOCKING REQUIREMENTS**
- CHEMICAL FEED PUMP (ACID PUMP) TO BE INTERLOCKED WITH RECIRCULATION PUMP SUCH THAT FEED PUMP OPERATES ONLY WHEN RECIRCULATION PUMP IS OPERATING. INTERLOCK MUST BE DIRECT TO PUMP MOTOR. INTERLOCK THROUGH CHLORINATOR CONTROLLER IS NOT ALLOWED.
  - CHLORINE FEED PUMP TO BE INTERLOCKED WITH RECIRCULATION PUMP SUCH THAT CHLORINE FEED PUMP IS OPERABLE ONLY WHEN RECIRCULATION PUMP IS OPERATING. SHUTDOWN OF CHLORINE FEED PUMP THROUGH CHLORINE FEED CONTROLLER IS NOT ALLOWED.
  - POOL HEATER TO BE INTERLOCKED WITH RECIRCULATION PUMPS SUCH THAT HEATER ONLY OPERATES WHEN RECIRCULATION PUMPS ARE OPERATING.
  - FLOW SENSOR SHALL BE INSTALLED ON DISCHARGE SIDE OF PUMP AS SHOWN ON P&ID DIAGRAMS AND CONNECTED TO POOL CONTROL FOR INTERLOCK OPERATIONS DEFINED ABOVE.

2 SP500 POOL OPERATIONS CONTROLLER ELECTRICAL P&ID  
1/8" = 1'-0"

POOL EQUIPMENT SCHEDULE		
MARK	DESCRIPTION	SPECIFICATION
OC-1	POOL CONTROLLER	BECSYS7 POOL CONTROLLER w/ CHEMLOCK MODEL #: BECSYS7-XS1GP1XLDX
P-1	POOL RECIRC PUMP	PENTAIR AURORA 3801-4x5x9.5; 20 HP, 208V/3P/60 HZ
ST-2	STRAINER	NEPTUNE BENSON 15/NBFG85ER1 STRAINER w/ (2) BASKETS
SF-1	POOL FILTER	POLTANK 42260-05-E HORIZONTAL HIGH RATE SAND FILTER, OR EQUAL (26.0 SF MIN)
SF-2	POOL FILTER	POLTANK 42260-05-E HORIZONTAL HIGH RATE SAND FILTER, OR EQUAL (26.0 SF MIN)
CHP-1	CHLORINATOR BOOSTER PUMP	PULSAR 1HP, 115V/1P/60HZ
CCH-1	CHLORINATOR CONTROLLER	PULSAR PRECISION CONTROLLER
CH-1	CAL-HYPO CHLORINATOR	PULSAR PRECISION VENTURI FEEDER
AP-1	ACID PUMP	STENNEF PERISTALTIC PUMP, MODEL 85MP5 (85 GPD)
LS-1	LEVEL SENSOR	BECS SL5-4WC
AF-1	AUTOFILL VALVE	ASCO REJ HAT SLOWCLOSE SOLENOID VALVE, MODEL # AS221G013 (2-INCH, 120V)
XFR-1	STEPPDOWN TRANSFORMER	ALTRONIC; MODEL # T2428100CP (120 TO 24V DC)
FS	FLOW SENSOR	GF SIGNET MAG METER, MODEL NO. 3-2551-P1-11 (0.5 TO 33 FPS)
BFVM	MAIN DRAIN MODULATING VALVE	BRAY 31 SERIES VALVE WITH 24V ACTUATOR
VFD-1	CIRCULATION PUMP VFD	208V/3P/60 HZ, 10 HP VARIABLE FREQUENCY DRIVE WITH BYPASS
PH-1	POOL HEATER	LOCHINVAR HEATER; COPPERFIN 2; MODEL CPN2072 (2,070,000 MBTUH)
SFPG	FILTER PRESSURE GAUGE	EXISTING GAGES TO REMAIN
AFM	FILTER MEDIA	ACTIVATED FILTER MEDIA, GRADES 1, 2, 3
AT	BULK ACID TANK	325 GALLON
CG	COMPOUND GAUGE	THERICE FFLFC450, 4-INCH, LIQUID FILLED (-30 TO 80 PSI)
PG	PRESSURE GAUGE	THERICE FFLFP450, 4-INCH, LIQUID FILLED (0 TO 80 PSI)
TI	THERMOMETER	THERICE BX1, 7-INCH ADJUSTABLE STEM (0-180 DEGREES, F)



1 SP500 POOL FILTRATION P&ID DIAGRAM  
1" = 20'-0"



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Sheet Title: **POOL FILTRATION P&ID DIAGRAM**

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Project Name:  
**SEMINOLE POOL 2.0**  
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Sheet Title  
**EXTERIOR RENDERINGS**

Revisions:

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Project #: 22.050  
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Date: 9/29/2025

Sheet Number  
**X005**



Revisions:

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Sheet Number  
**X006**



1 DIVING WELL RENDERING  
X007 12" = 1'-0"

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**SEMINOLE POOL 2.0**  
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Sheet Title  
**EXTERIOR RENDERINGS**

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Date: 9/29/2025

Sheet Number  
**X007**



1  
X008 RENDERING - ACTIVITY ZONE  
12" = 1'-0"

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**SEMINOLE POOL 2.0**  
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**EXTERIOR RENDERINGS**

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Sheet Number

**X008**

**Note**  
 1. Calculations utilize existing fixtures and fixture locations  
 2. New Pole at Pool with existing fixtures reused.

**Statistics**

Description	Avg	Max	Min	Max/Min	Avg/Min
50m Pool	8.2 fc	10.0 fc	4.8 fc	2.1:1	1.7:1
Back Property Line	1.1 fc	2.6 fc	0.2 fc	13.0:1	5.5:1
Diving Well	11.6 fc	12.9 fc	9.6 fc	1.3:1	1.2:1
Kiddie Pool	8.8 fc	11.0 fc	6.6 fc	1.7:1	1.3:1
Pool Area	7.4 fc	13.5 fc	1.6 fc	8.4:1	4.6:1
Property	5.0 fc	22.0 fc	0.2 fc	110.0:1	25.0:1
Property Line	0.8 fc	4.1 fc	0.1 fc	41.0:1	8.0:1



Plan View  
 Scale - 1" = 30ft

All light levels are approximate. Values will vary due to actual LED/driver combinations, reflectances (currently set at 70/30/20), environmental conditions, and obstructions. Calculations are based on our interpretation of information provided to us. This design remains the property of Spectrum Lighting and may not be altered without written permission.

