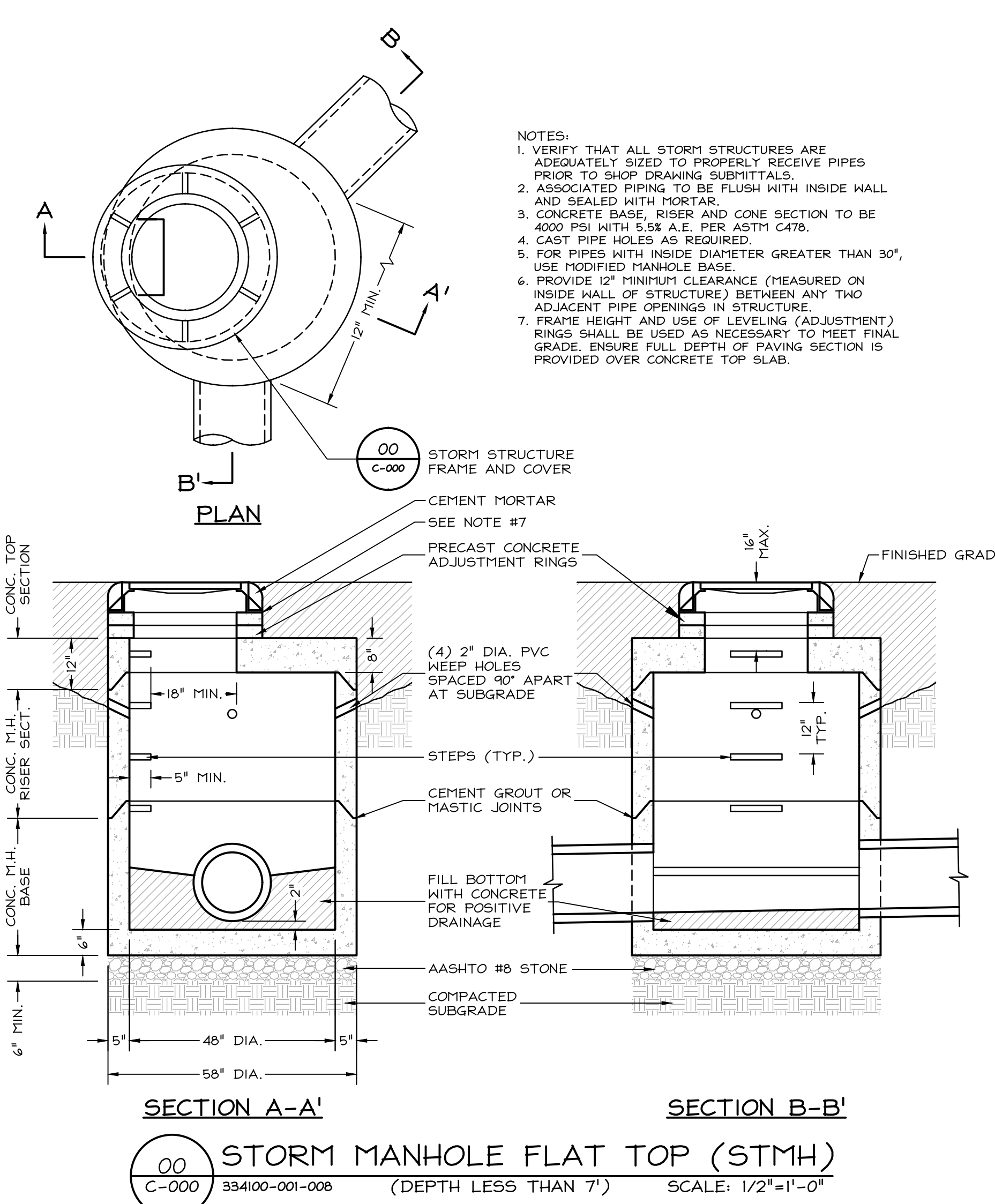
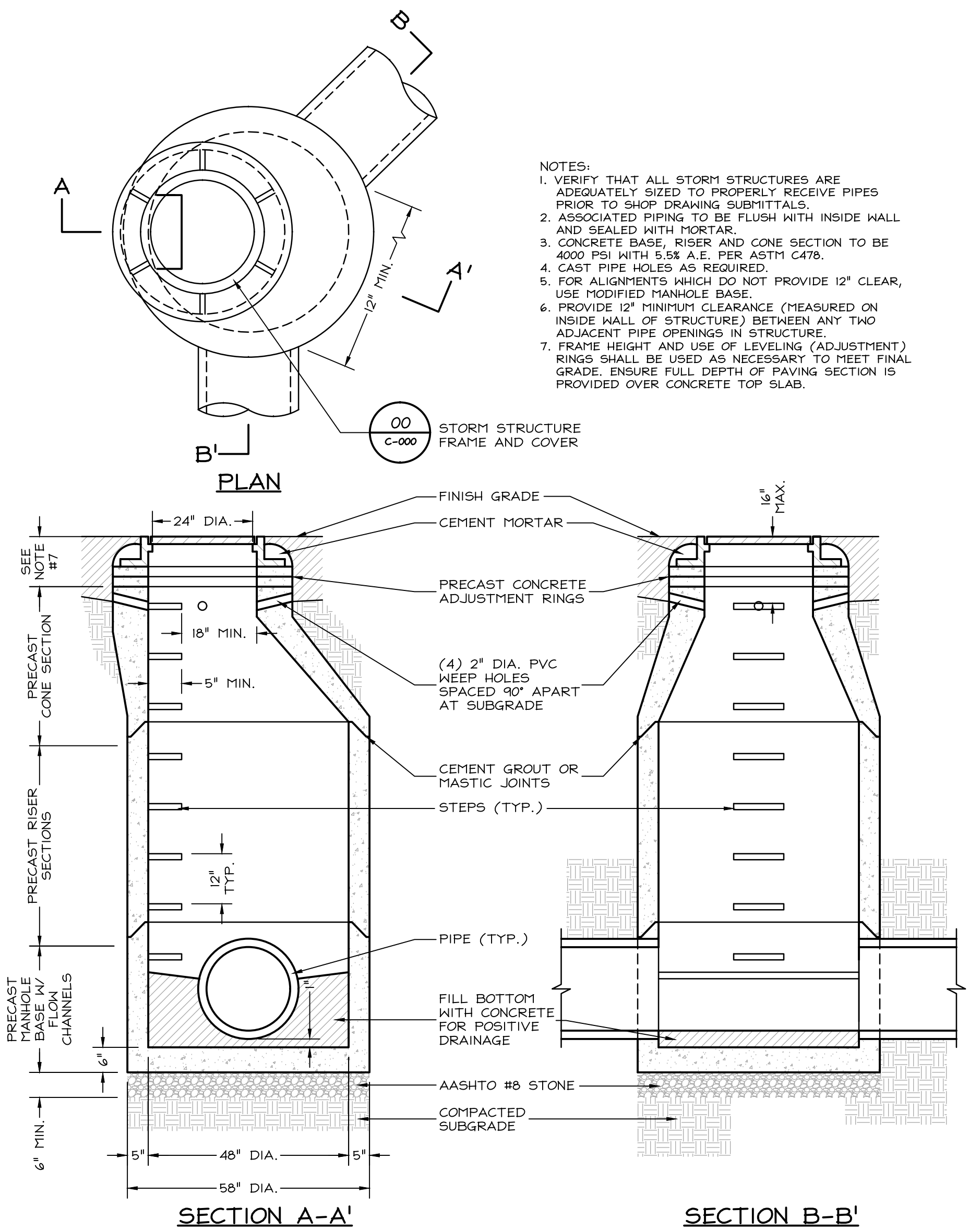
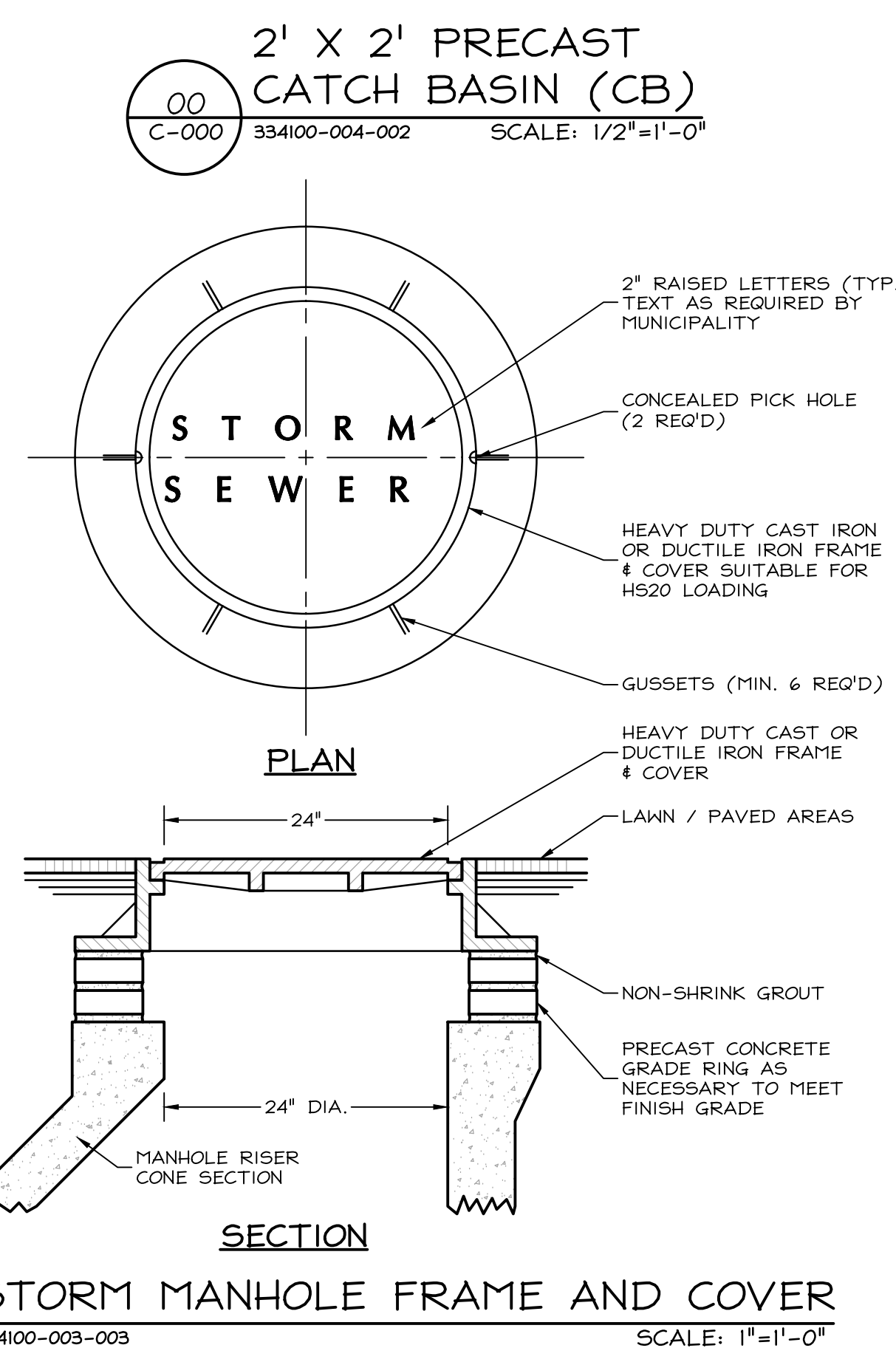
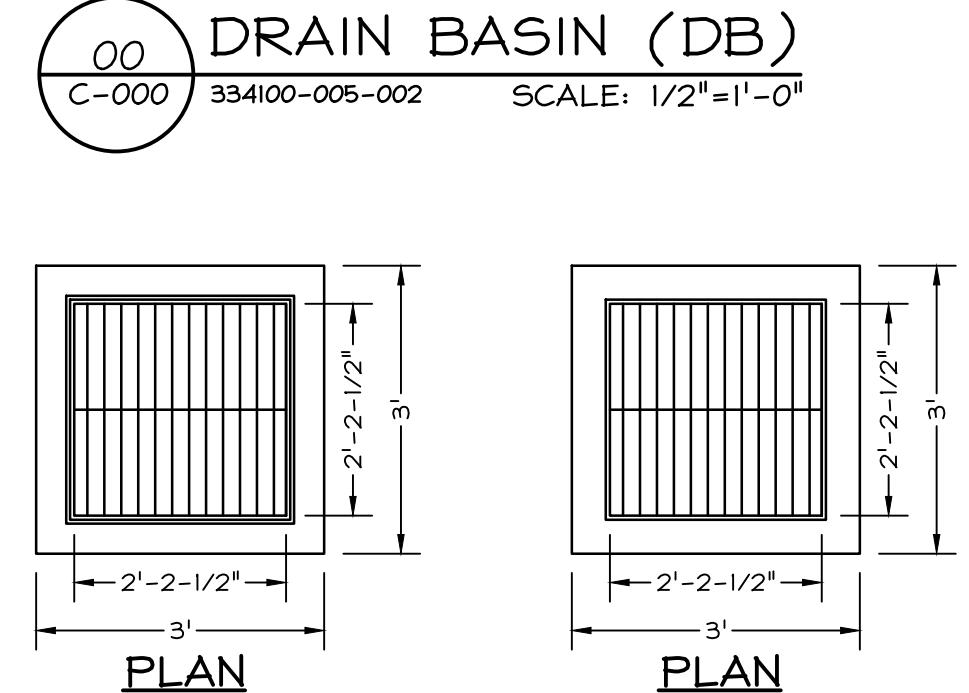
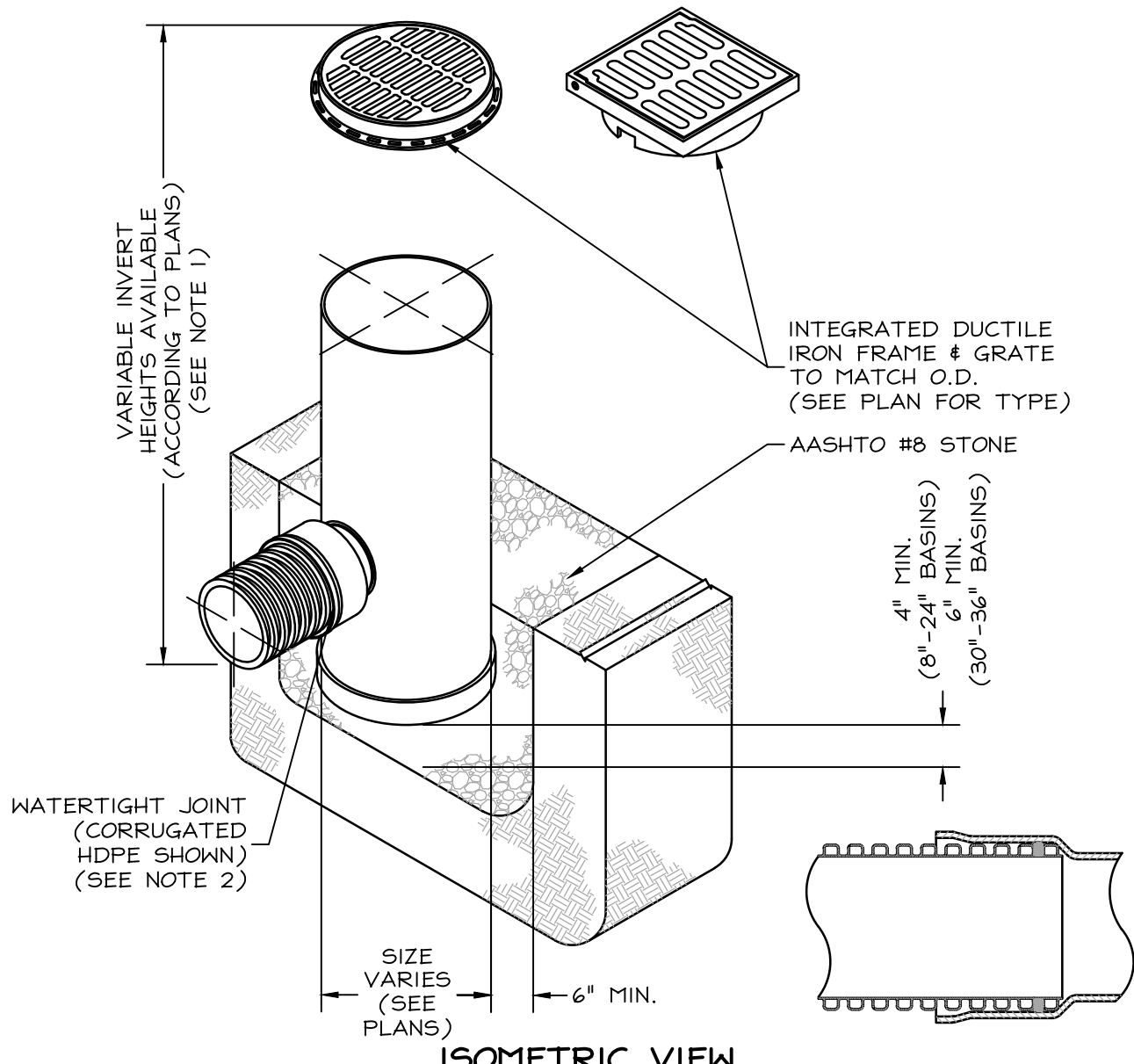
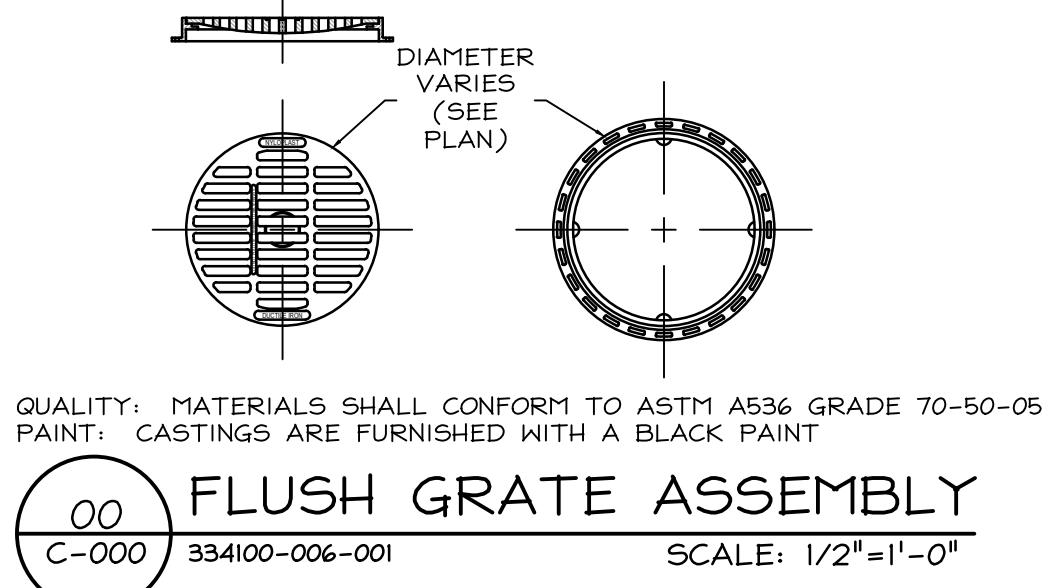
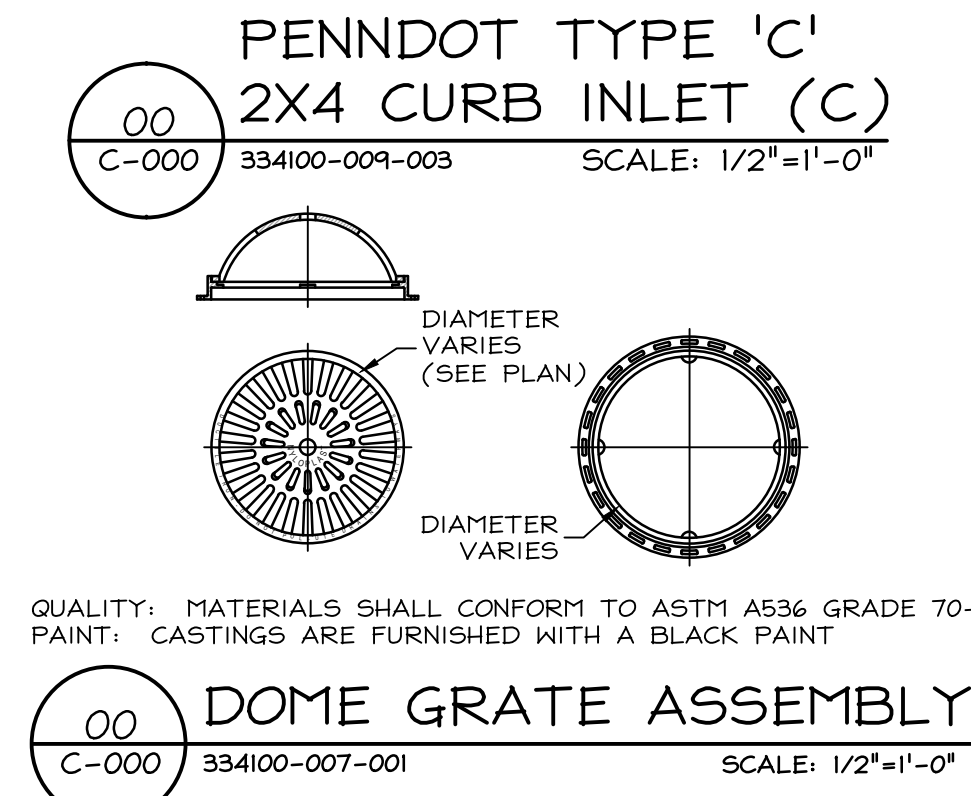
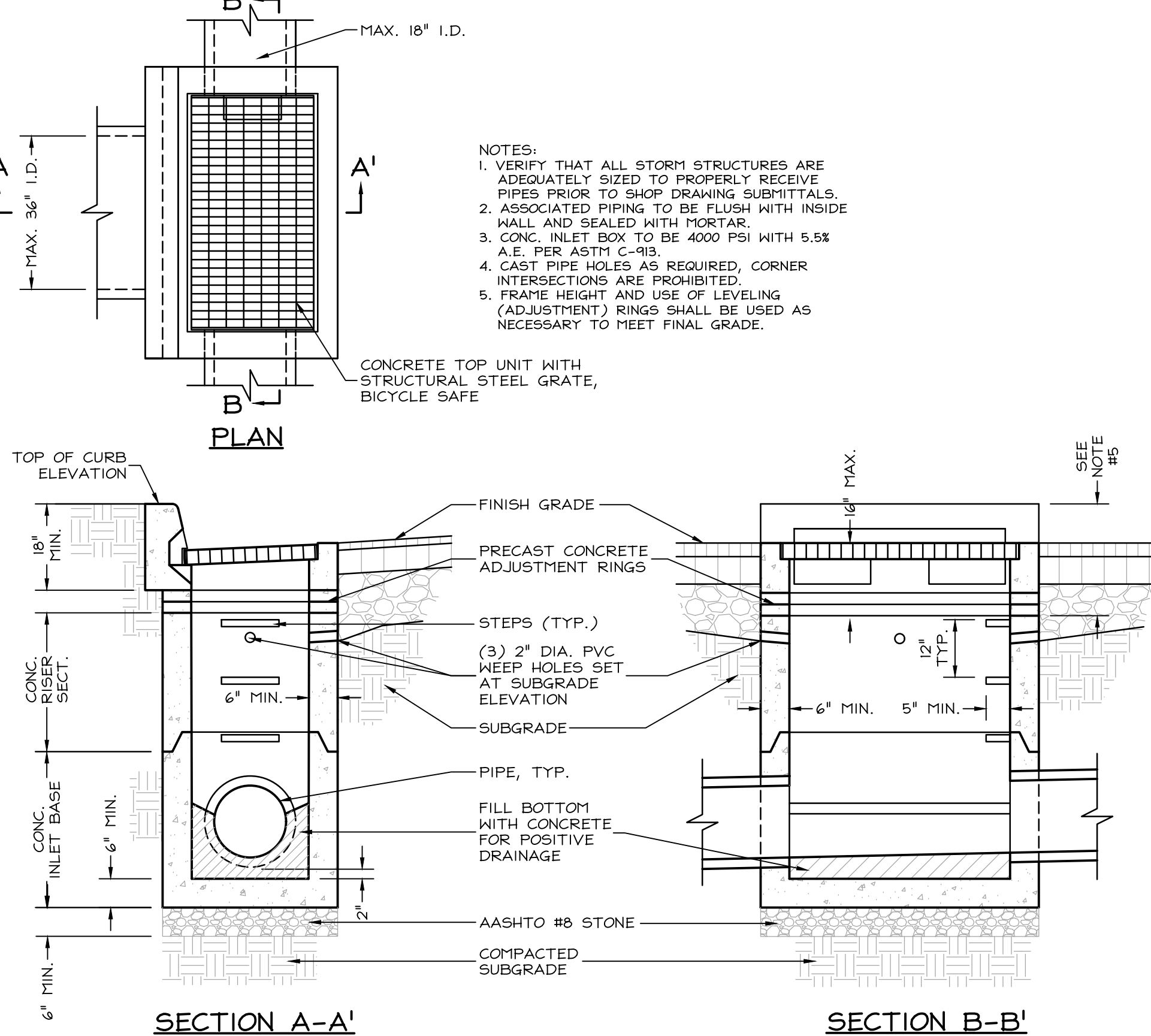
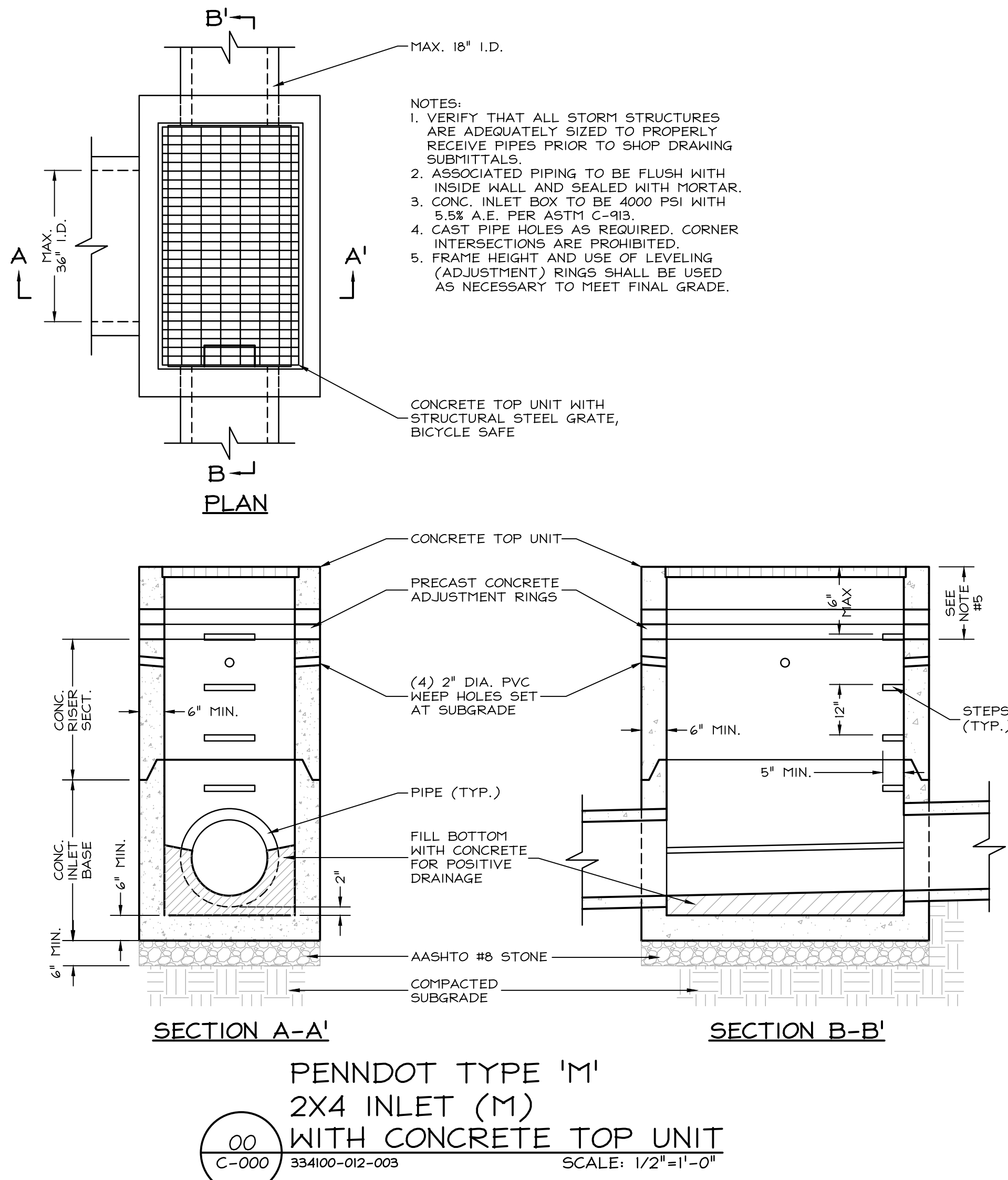
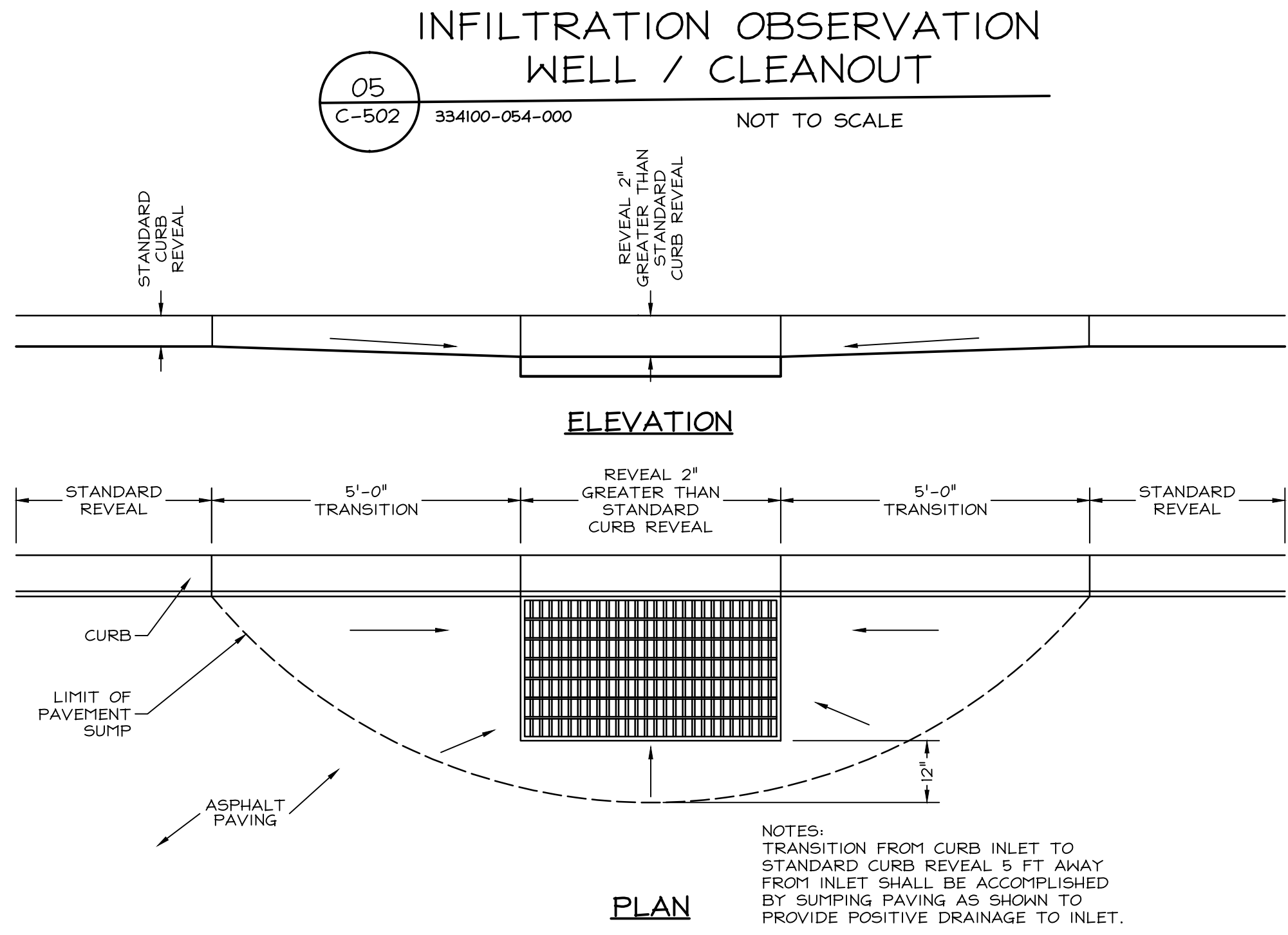
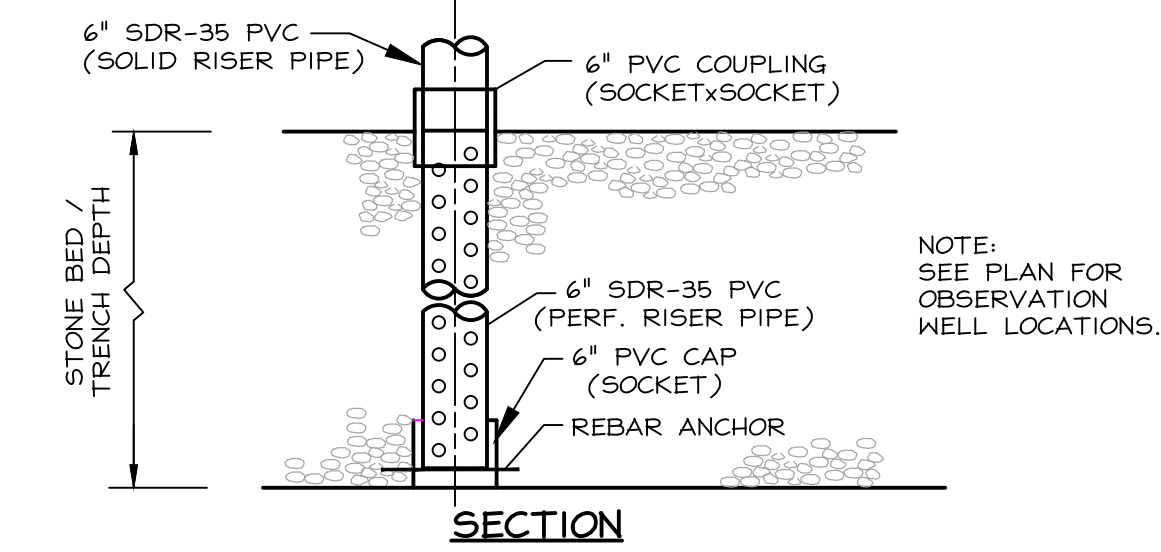
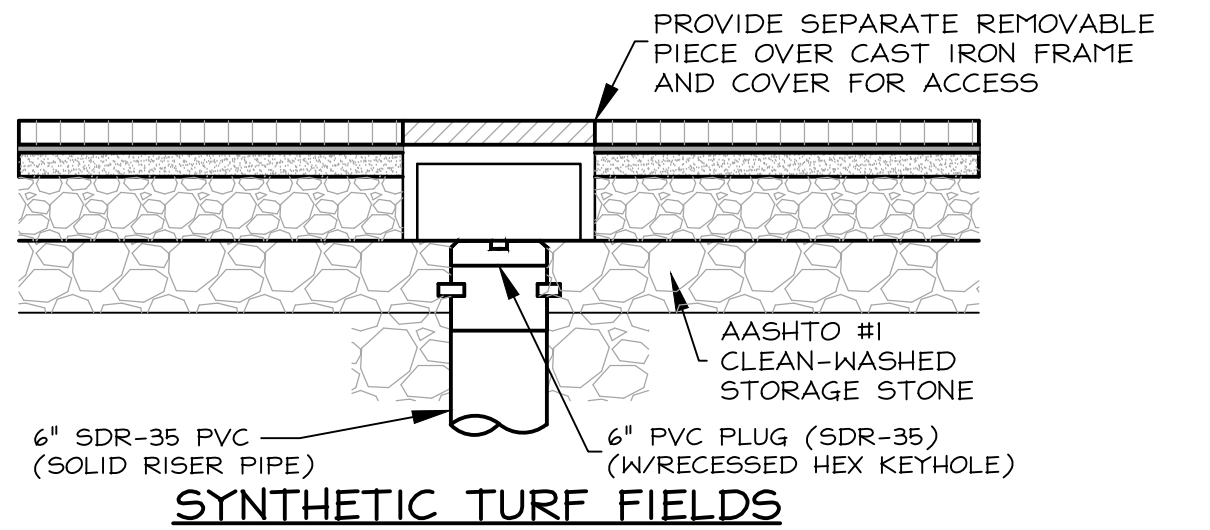




811 or 1-800-242-1776
PENNSYLVANIA LAW ENFORCEMENT
CONSULTATION AND INVESTIGATION
UNIT (PCL) 811-242-1776

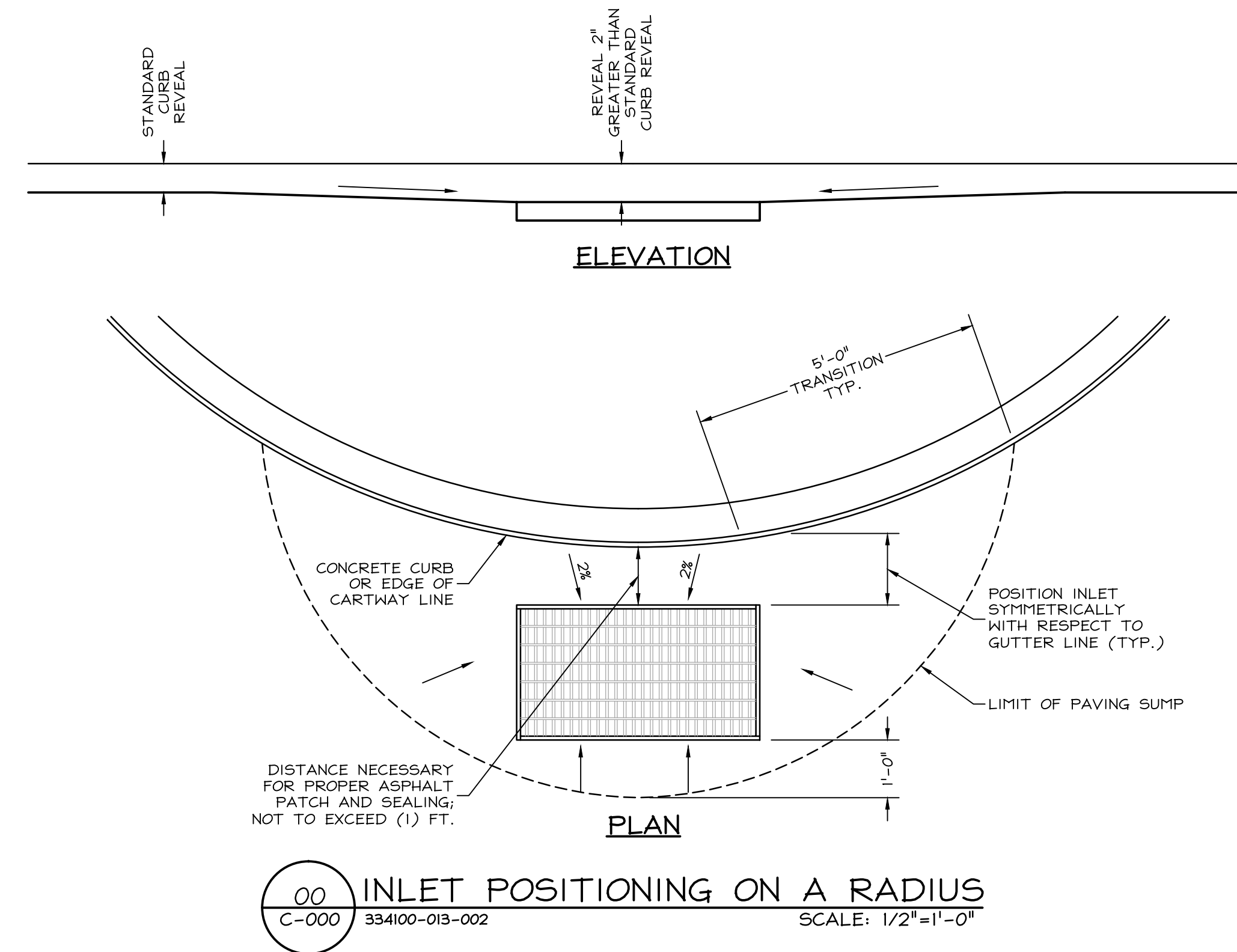
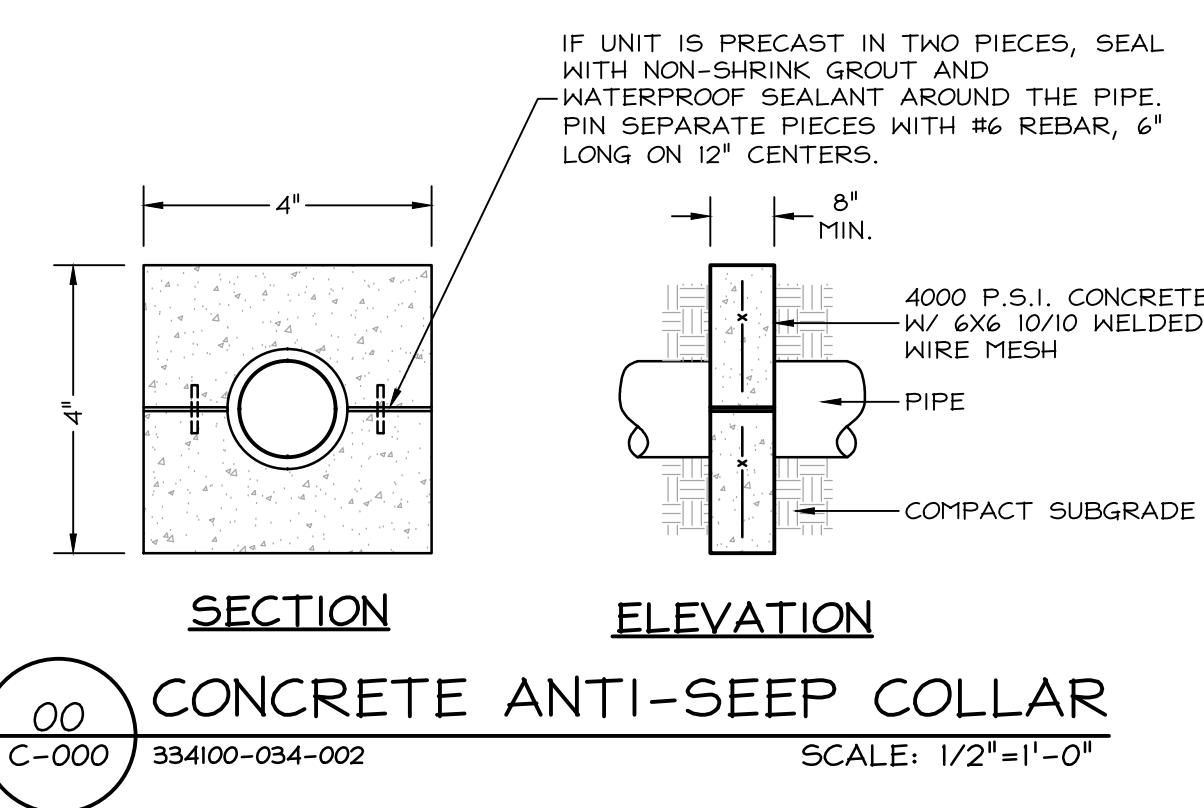
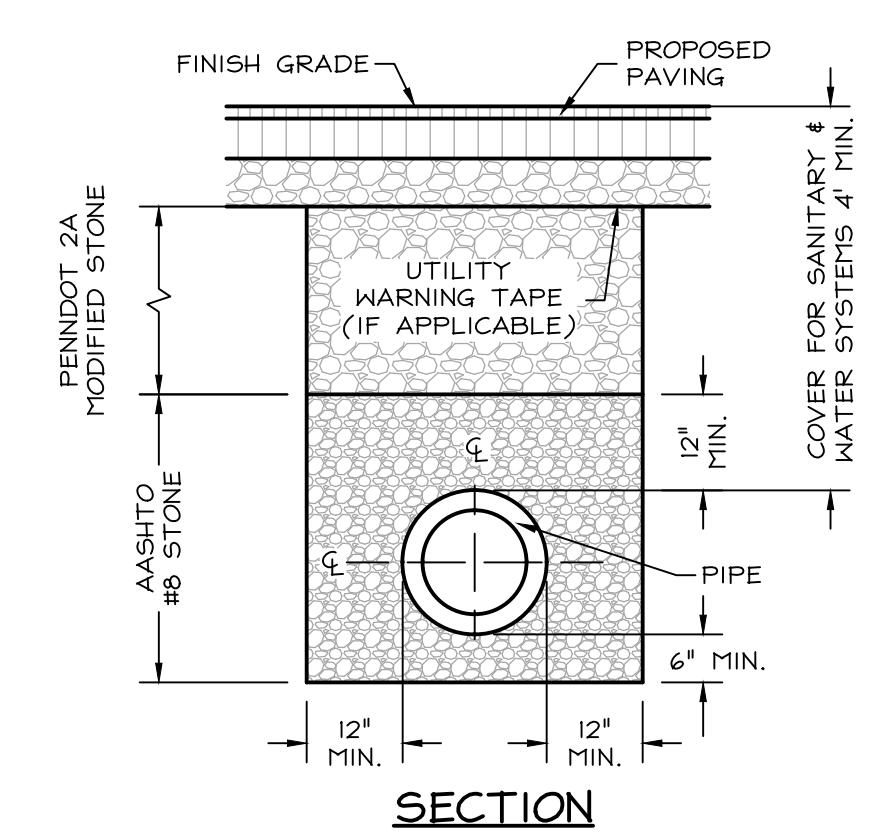
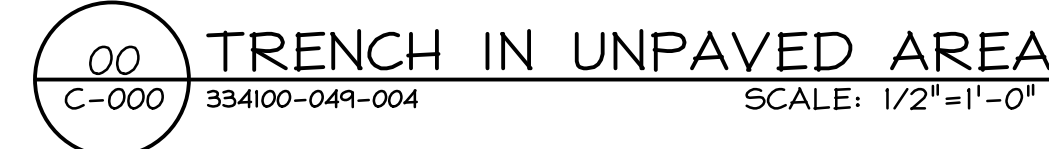
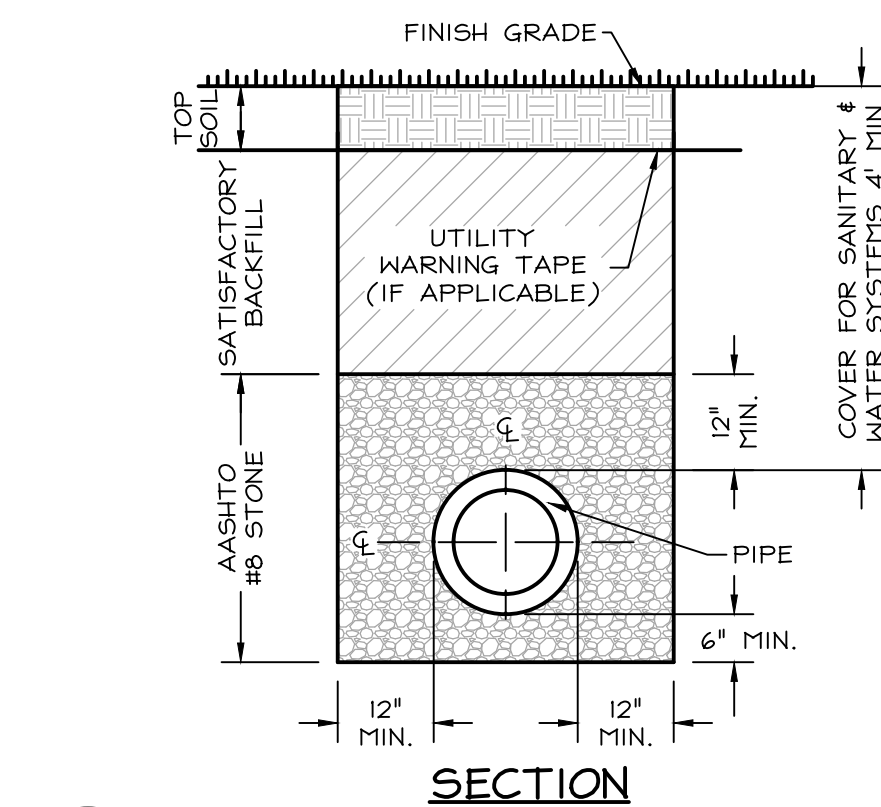
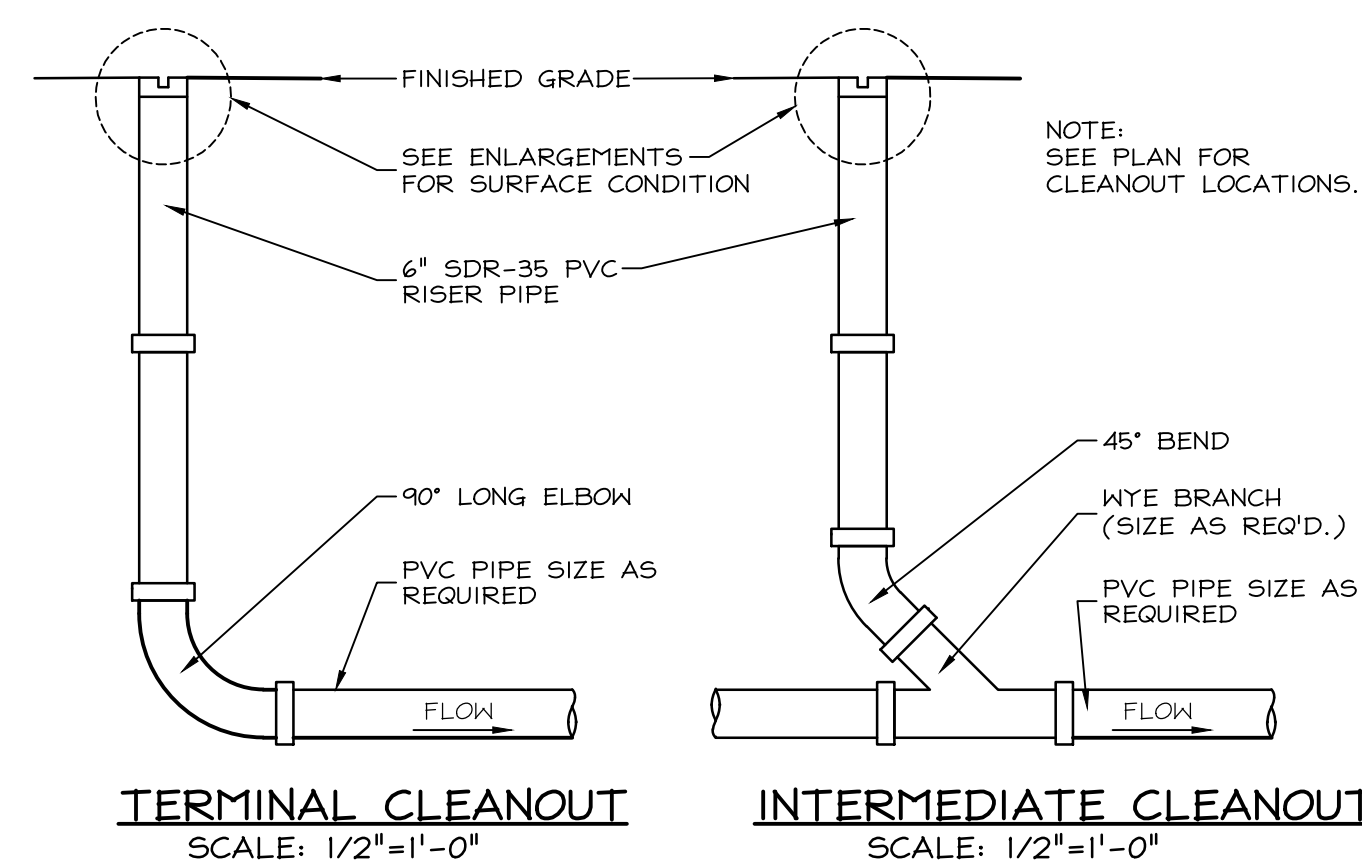
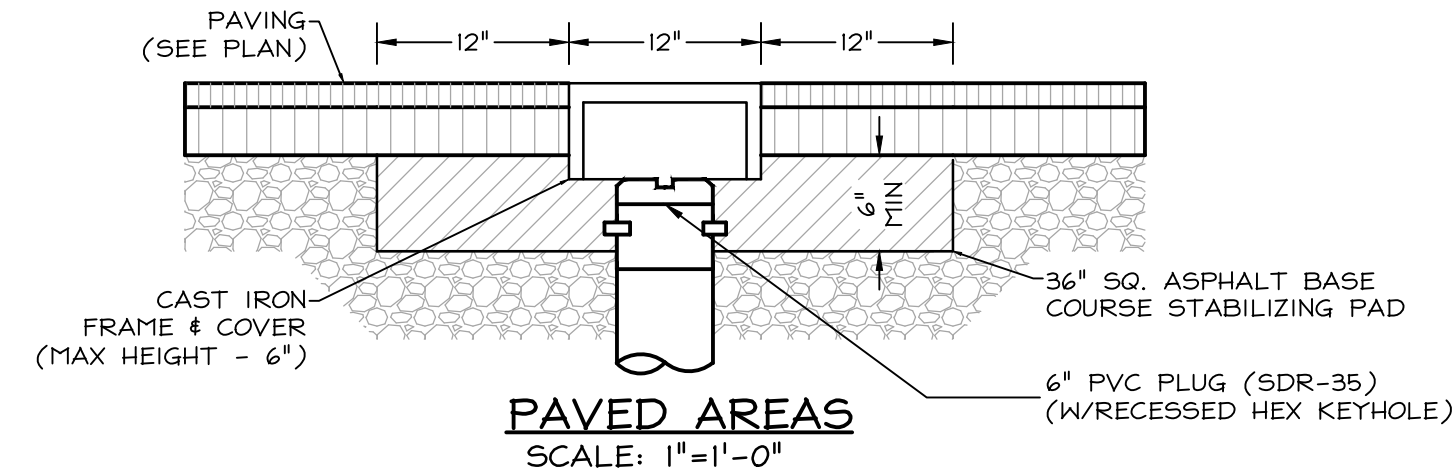
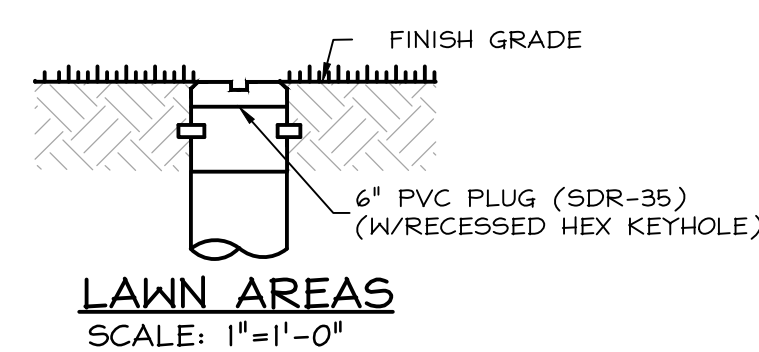
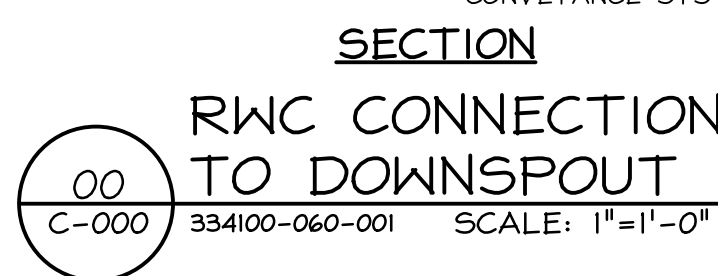
DERCKSON
33 SOUTH BROAD STREET, SUITE 100
PHILADELPHIA, PA 19106
WWW.DERCKSON.COM (771) 626-5544

DESIGN DOCUMENTS NOT FOR CONSTRUCTION
GARDEN SPOT ATHLETICS CAMPUS
FOR
GARDEN SPOT MIDDLE/ HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
689 EAST MAIN STREET
NEW HOLLAND TOWNSHIP, LANCASTER COUNTY, PENNSYLVANIA 17340

RELEASES:		
No.	DATE	DESCRIPTION
1	01/09/26	SCHEMATIC PRINGING
2	04/29/26	NFDES SUBMISSION
3	05/14/26	DD PRINGING

DATE:	PROJECT #:	250540	DRAWN BY:	JPL/DCG	PM:	JFH	PC:	SBS
DRAWING NO.								

C-505

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DATE:	01/09/2025
PROJECT #:	250540
DRAWN BY:	JPL / DCC
PM:	JFH
PIC:	SBS

DRAWING NO.

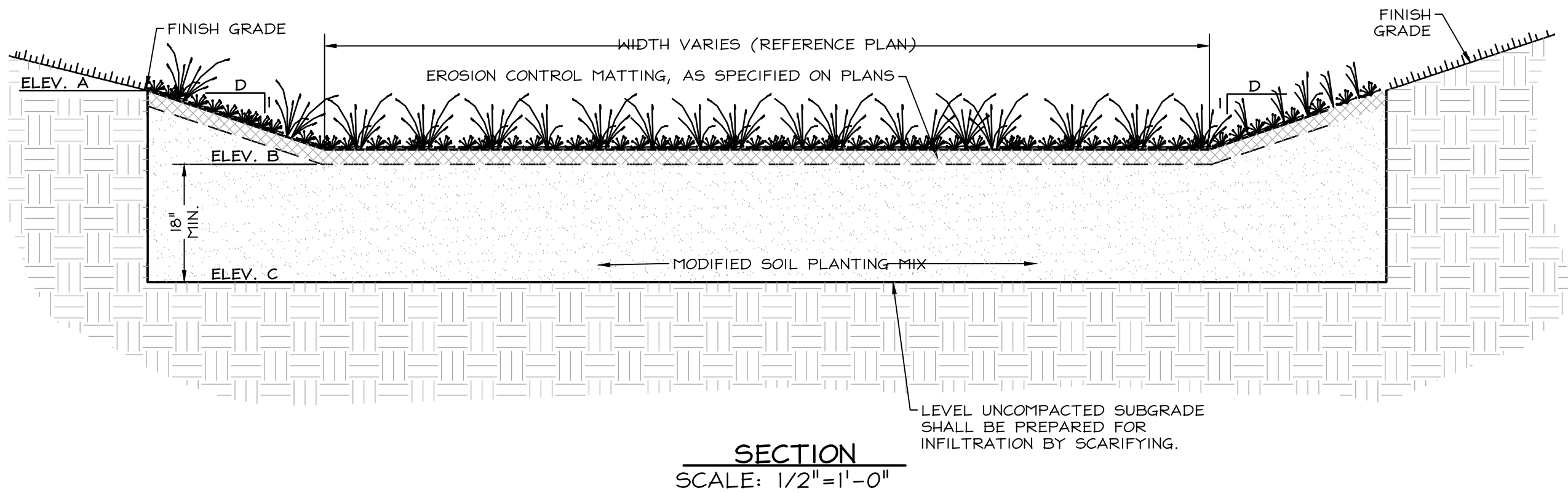
RAIN GARDEN CONSTRUCTION SEQUENCE:

1. MODIFIED SOIL PLANTING MIX SHALL BE 50% SAND / 25% TOPSOIL / 25% LEAF COMPOST.
2. INSTALL AND MAINTAIN PROPER EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
3. EXCAVATE RAIN GARDEN AREA TO PROPOSED INFILTRATION DEPTH AND SCARIFY EXISTING SOIL SURFACES. DO NOT COMPACT IN-SITU SOILS.
4. BACKFILL RAIN GARDEN WITH MODIFIED SOIL PLANTING MIX IN 18" LIFTS, MAXIMUM, AS SHOWN ON THE PLANS AND SPECIFICATIONS. OVERFILLING 2"-3" IS RECOMMENDED TO ACCOUNT FOR SETTLEMENT. LIGHT HAND TAMPING IS ACCEPTABLE IF NECESSARY.
5. COMPLETE FINAL GRADING TO ACHIEVE PROPOSED DESIGN ELEVATIONS.
6. PRESOAK MODIFIED SOIL PLANTING MIX PRIOR TO PLANTING VEGETATION TO AID IN SETTLEMENT.
7. COMPLETE FINAL GRADING TO ACHIEVE PROPOSED DESIGN ELEVATIONS.
8. PLANT VEGETATION AS SPECIFIED ON PLAN PER MANUFACTURER SPECIFICATION.
9. INSTALL EROSION CONTROL MATTING AS SPECIFIED ON PLANS, IMMEDIATELY AFTER SEED IS PLACED, TO PREVENT EROSION.
10. PROTECT RAIN GARDEN FROM SEDIMENT AT ALL TIMES DURING CONSTRUCTION.
11. WATER VEGETATION AT THE END OF EACH DAY FOR TWO (2) WEEKS AFTER PLANTING IS COMPLETED.
12. DO NOT REMOVE EROSION AND SEDIMENT CONTROL MEASURES UNTIL SITE IS FULLY STABILIZED.

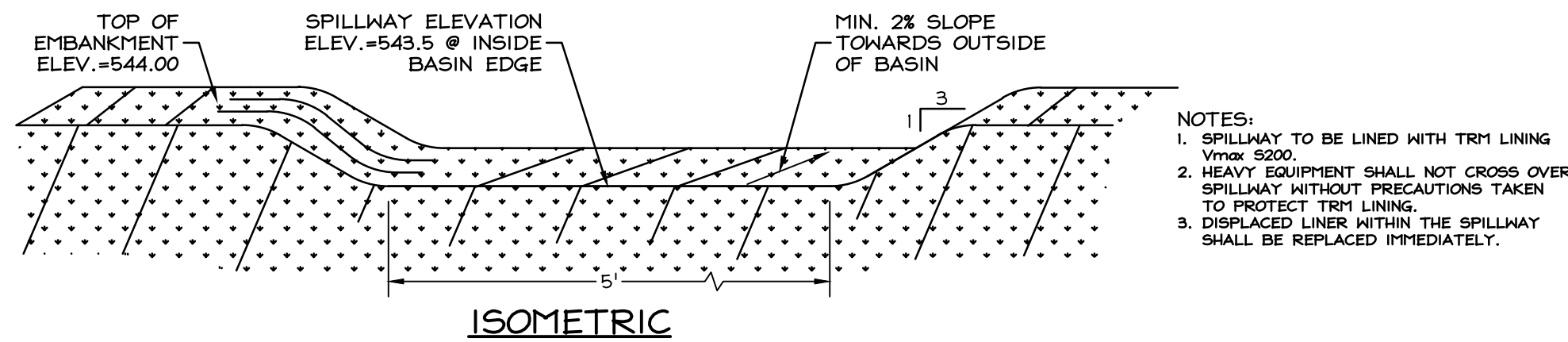
OPERATIONS AND MAINTENANCE OF RAIN GARDENS

1. CONSTRUCTION MATERIALS SHOULD NEVER BE STORED ON THE INFILTRATION SURFACE OR SURFACE OF AN INFILTRATING SCM.
2. DO NOT DRIVE HEAVY EQUIPMENT (OVER TWO TONS) ON SCM SURFACE.
3. WATER WEEKLY UNLESS 0.25 INCH OF RAINFALL HAS OCCURRED UNTIL PLANTS BECOME ESTABLISHED (MINIMUM ONE GROWING SEASON).
4. THE OWNER SHALL BE RESPONSIBLE FOR THE PROPER TRAINING OF ALL MAINTENANCE PERSONNEL, OR SHALL HIRE PERSONNEL EXPERIENCED IN MAINTENANCE OPERATIONS DESCRIBED BELOW.
5. PRUNE AND WEED AS NEEDED WHILE VEGETATION IS BEING ESTABLISHED.
6. INSPECT ANNUALLY FOR DETRITUS, AND REMOVE AS NEEDED.
7. RAIN GARDEN STORAGE AREAS SHALL BE INSPECTED ANNUALLY FOR EROSION AND SCOUR. THE VEGETATION ALONG THE SURFACE OF THE RAIN GARDEN SHALL BE MAINTAINED IN GOOD CONDITION, AND ANY BARE SPOTS SHALL BE RE-VEGETATED AS SOON AS POSSIBLE. CLOSE MOWING OR EXTENSIVE CHEMICAL USE SHALL NOT BE PERMITTED.
8. VEHICLES SHALL NOT BE PARKED OR DRIVEN ON THE RAIN GARDEN BOTTOM SURFACE. CARE SHALL BE TAKEN TO AVOID EXCESSIVE COMPACTION BY MOWERS AND MOWING OPERATIONS.
9. INSPECT THE RAIN GARDEN AFTER RUNOFF EVENTS AND MAKE SURE RUNOFF DRAINS DOWN WITHIN 72 HOURS TO AVOID MOSQUITO INFESTATION(S). IF DEMATERING TIMES EXCEED 72 HOURS AFTER THE END OF THE STORM EVENT, OR IF THE DEMATERING TIMES ARE INCONSISTENT WITH SPECIFIC DESIGN ASSUMPTIONS, FURTHER INVESTIGATION INTO REQUIRED REMEDIATION MEASURES SHALL BE PERFORMED AND IMPLEMENTED AS NECESSARY.
10. INSPECT THE RAIN GARDEN AFTER RUNOFF EVENTS FOR ACCUMULATION OF SEDIMENT, DAMAGE TO EROSION CONTROL MEASURES, SIGNS OF WATER CONTAMINATIONS/SPILLS, AND SLOPE STABILITY IN THE BERMS.
11. REMOVE ANY ACCUMULATED SEDIMENT/DEBRIS, AND ANY OTHER WASTE MATERIAL MONTHLY AND DISPOSE OF AT SUITABLE DISPOSAL/RECYCLING SITES AND IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL WATER REGULATIONS. REPORT ANY WATER CONTAMINATION/SPILLS TO THE LOCAL MUNICIPAL.
12. VERIFY INTENDED DRAINAGE AREAS ARE COLLECTED AND NO UNINTENDED BYPASS OCCURS.

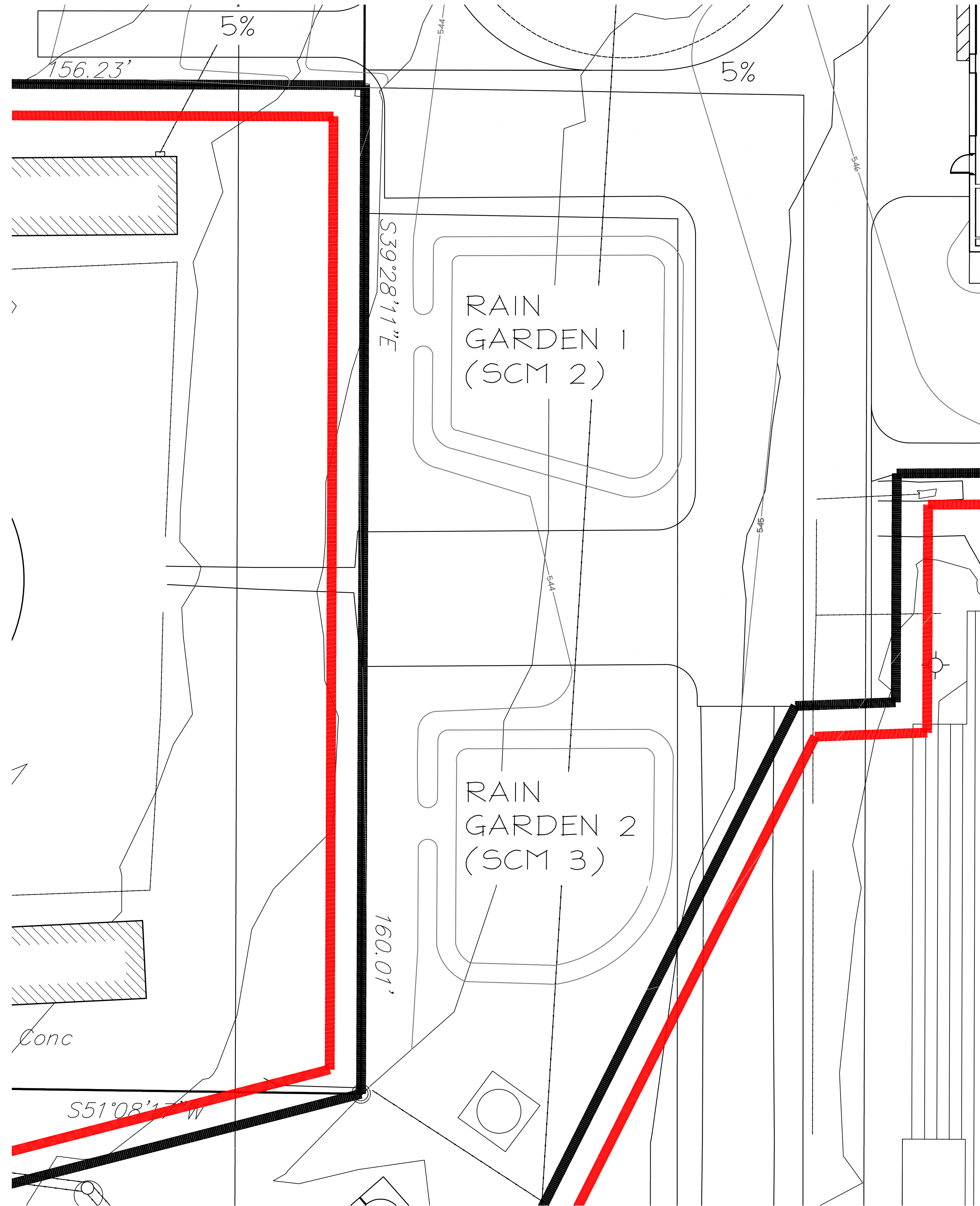
BMP:	ELEV. A	ELEV. B	ELEV. C	SIDE SLOPE (D)	OUTLET STRUCT. TYPE (E)
RG-1	544.00	543.00	541.50	3:1	SPILLWAY
RG-2	544.00	543.00	541.50	3:1	SPILLWAY



02 RAIN GARDEN
C-506 334100-043-001 SCALE: SEE VIEW



01 SPILLWAY
C-506 334100-032-001 SCALE: 1/2"=1'-0"



PCSM DETAILS

DESIGN DOCUMENTS: NOT FOR CONSTRUCTION
GARDEN SPOT ATHLETICS CAMPUS
FOR
GARDEN SPOT MIDDLE/ HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

RELEASES:

No.	DATE	DESCRIPTION
1	01/09/26	SCHEMATIC PRICING
2	04/29/26	NPOES SUBMISSION
3	05/14/26	DD PRICING

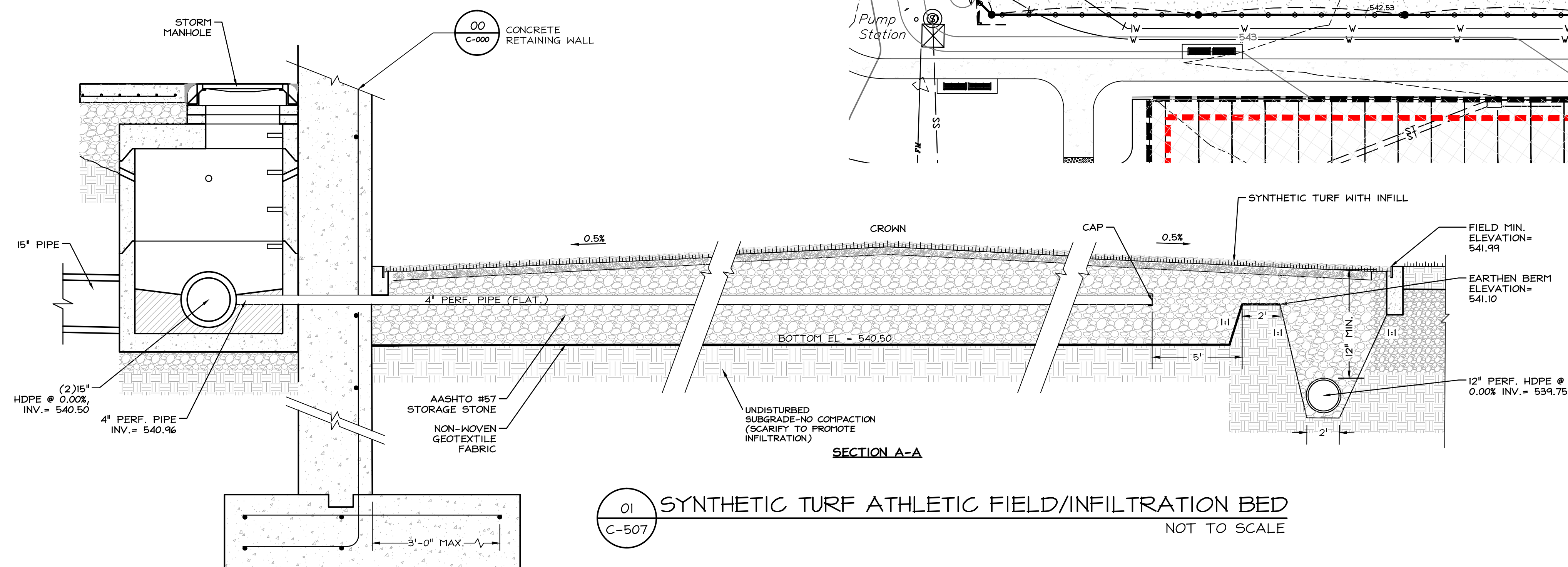
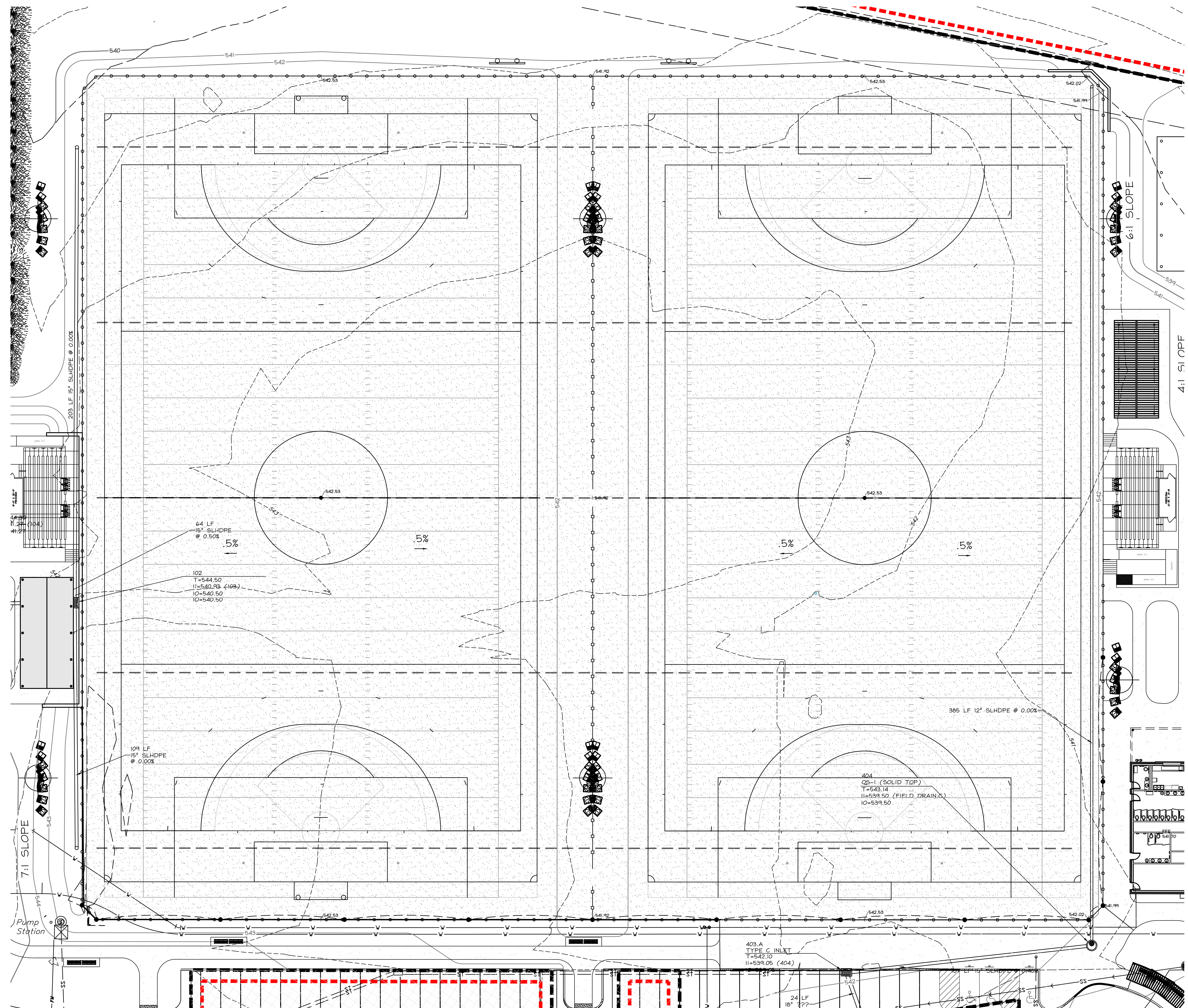
DATE:	01/09/2025
PROJECT #:	250540
DRAWN BY:	JPL/DCC
PM:	JFH
PC:	SBS

DRAWING NO.

C-507

1. THE OVERLYING TURF FIELD OF SUBSURFACE INFILTRATION FEATURES SHOULD BE MAINTAINED IN GOOD CONDITION.
2. VEHICULAR ACCESS ON SUBSURFACE INFILTRATION AREAS SHOULD BE PROHIBITED, AND CARE SHOULD BE TAKEN TO AVOID EXCESSIVE COMPACTION BY EQUIPMENT. IF ACCESS IS REQUIRED, USE OF FERTILIZER, TUFF REINFORCEMENT SHOULD BE CONSIDERED.
3. DENATURING CAN BE OBSERVED THROUGH THE OUTLET STRUCTURE (0.5) AND OBSERVATION PORT/CLEANOUT. IF DENATURING TIMES EXCEED 72 HOURS AFTER THE INITIAL DETECTION OF DENATURING, THE DENATURING TIMES ARE INCONSISTENT WITH SPECIFIC DESIGN ASSUMPTIONS. FURTHER INVESTIGATION INTO REQUIRED RETENTION TIMES SHALL BE PERFORMED AND IMPLEMENTED AS NECESSARY.
4. EXCESS UNINTENDED DRAINAGE AREAS ARE COLLECTED AND NO UNINTENDED BYPASS OCCURS.

1. INSTALL AND MAINTAIN ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES (AS PER THE PENNSYLVANIA EROSION AND SEDIMENTATION CONTROL PROGRAM MANUAL) DURING CONSTRUCTION.
2. IF NECESSARY, EXCAVATE INFILTRATION BASIN BOTTOM TO AN UNCOMPACTED FIRM, UNDISTURBED, FREE OF ROCKS AND DEBRIS SUBGRADE. FINAL SUBGRADE TESTING AND EVALUATION SHALL BE PERFORMED BY A QUALIFIED PROFESSIONAL PERSON PRIOR TO PLACEMENT OF STONE OR ATTENDED SOIL.
3. IF LESS THAN 2 FEET OF SOIL IS IDENTIFIED BELOW ANY STORMWATER INFILTRATION AREAS, ROCK SHOULD BE OVER-EXCAVATED, OBSERVED BY A LICENSED PROFESSIONAL ENGINEER, AND SATISFACTORY PATTERNS OF EROSION PREVENTION (E.G. ON-SITE, NATIVE SOILS APPROVED BY THE GEOTECHNICAL ENGINEER OF RECORD) SO THAT THE ENTIRE BOTTOM OF THE INFILTRATION BASIN IS PROVEN TO BE THE ENTIRE BOTTOM OF ANY STORMWATER INFILTRATION AREA. THE NATIVE SOILS SHOULD REMAIN UNCOMPACTED. BACKFILLING SHALL TAKE PLACE IN 1-FOOT LIFTS AND BE LIGHTLY COMPACTED WITH A PLATE COMPACTOR UNTIL NO MOVEMENT IS OBSERVED. IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION TO SUBGRADE, CONSULT WITH A LICENSED PROFESSIONAL ABOUT UTILIZING DRAINAINS.
4. WHERE EROSION OF SUBGRADE HAS CAUSED ACCUMULATION OF FINE MATERIALS (SILT, CLAY, AND ORGANIC MATTER), EXCAVATE TO EXPOSE THE SUBGRADE, REMOVE EQUIPMENT AND THE UNDERLYING SOILS SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES WITH A YORK RAKE (OR EQUIVALENT) AND LIGHT TRACTOR. ALL FINE GRADING SHOULD BE DONE BY HAND. UNLESS OTHERWISE SPECIFIED, THE TOP OF THE SUBGRADE SHOULD BE AT LEAST 18" BELOW THE FINISHED GRADE.
5. EARTHEN BERRIS SHOULD BE LEFT IN PLACE DURING EXCAVATION. THESE BERRIS DO NOT REQUIRE COMPACTION IF PROVEN STABLE DURING CONSTRUCTION.
6. INSTALL UPSTREAM AND DOWNSTREAM CONTROL STRUCTURES, CLEANOUTS, PERFORATED PIPING, AND ALL OTHER NECESSARY STORMWATER STRUCTURES. CLAY BACKFILL SHALL BE IMPLEMENTED IN THE TRENCHING OF THE 15" UNDERDRAINS BEHIND THE BASINS TO PREVENT UNINTENDED DETERIORATING OR FLOW FROM THE STONE BASIN.
7. GRADING SHALL BE COMPLETED DURING DRY WEATHER AND WHEN THE SOILS ARE NOT SATURATED.
8. GEOTEXILE AND BED AGGREGATE SHOULD BE PLACED IMMEDIATELY AFTER APPROVAL OF SUBGRADE PREPARATION AND INSTALLATION OF STRUCTURES. GEOTEXILE SHOULD BE PLACED AND ADJACENT STRIPS OF GEOTEXILE SHOULD OVERLAP A MINIMUM OF 12" AND BE SECURED TOGETHER WITH STAPLES OR TACKS AT 12" INTERVALS IN ORDER TO PREVENT ANY RUNOFF OR SEDIMENT FROM ENTERING THE STORAGE BED. THIS EDGE STRIP SHOULD REMAIN IN PLACE UNTIL ALL BARE SOILS CONTIGUOUS TO BEDDING ARE COVERED WITH VEGETATION. BED AGGREGATE SHOULD BE PLACED TO THE GEOTEXILE ALONG BED EDGES CAN BE CUT BACK TO THE EDGE OF THE BED.
9. CLEAN-WASHED, UNFORMALLY GRADED AGGREGATE SHOULD BE PLACED IN THE BED IN MAXIMUM 8-INCH LAYERS. EACH LAYER SHOULD BE LIGHTLY COMPACTED, WITH COMPACTOR EQUIPMENT KEPT IN THE BED BOTTOM AS MUCH AS POSSIBLE.
10. DO NOT REMOVE EROSION AND SEDIMENT CONTROL MEASURES UNTIL SOIL IS FULLY STABILIZED.



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PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR

DERCKSON
EST. 1940
CAMPUSES DOWNTOWNS ATHLETICS
33 SOUTH BROAD STREET LITITZ, PA 17543
101 NORTH SPRING STREET SUITE 203 BELLEFONTE, PA 18823
WWW.DERCKSONDESIGN.COM (717) 626-2054

DESIGN DOCUMENTS - NOT FOR CONSTRUCTION
GARDEN SPOT ATHLETICS CAMPUS
 FOR
GARDEN SPOT MIDDLE/ HIGH SCHOOL
 EASTERN LANCASTER COUNTY SCHOOL DISTRICT
 668 EAST MAIN STREET
 NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

RELEASES:	
DATE	DESCRIPTION OF CHANGES
01/09/26	SCHEMATIC PRICING
04/29/26	NPDES SUBMISSION
05/14/26	DD PRICING

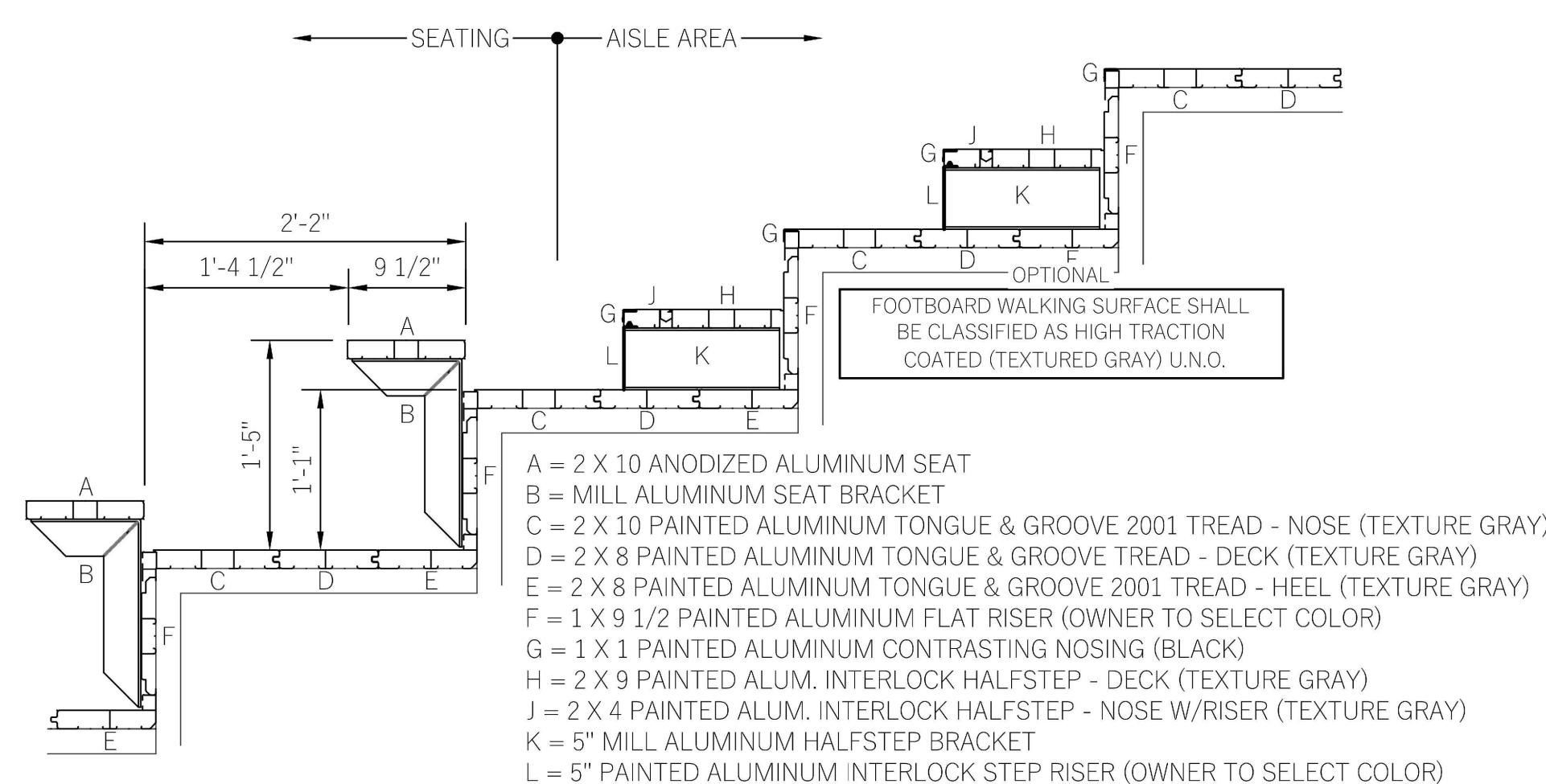
01/09/2025	PROJECT #:	250540	DRAWN BY:	JPL / DCC	P/M:	JFH	PIC:	SBS
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C-508

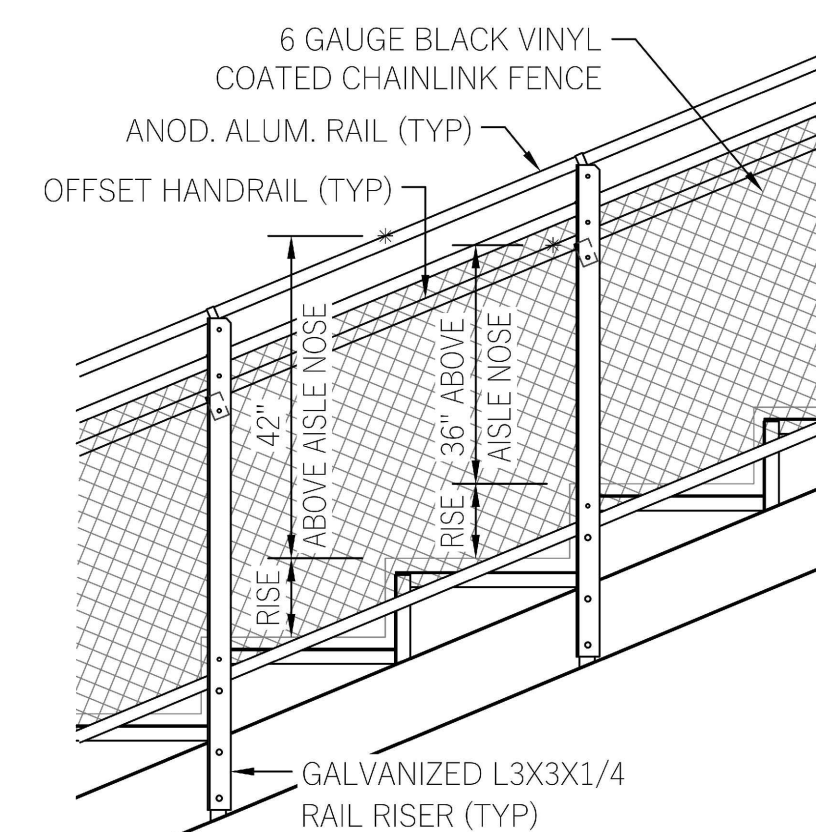
CODE OF REFERENCE - IBC 2018
OCCUPANCY GROUP - A5
CONSTRUCTION TYPE - **VB**

- | | | |
|----|------------------------------------|---------|
| 1. | DEAD LOADS: | |
| | BLEACHERS (INCLUDES GIRDERS) | 10 PSF |
| 2. | LIVE LOADS: | |
| | SEATS | 120 PLF |
| | TREADS | 100 PLF |
| | SWAY (PERPENDICULAR TO SEAT) | 10 PLF |
| | SWAY (PARALLEL TO SEAT) | 24 PLF |
| | PRESSBOX FLOOR | 100 PSF |
| | PRESSBOX ROOF | 100 PSF |
| | GUARDRAILS AND HANDRAILS* | 50 PLF |
- * OR A 200 POUND CONCENTRATED LOAD APPLIED TO RAIL AT ANY POINT IN ANY DIRECTION.

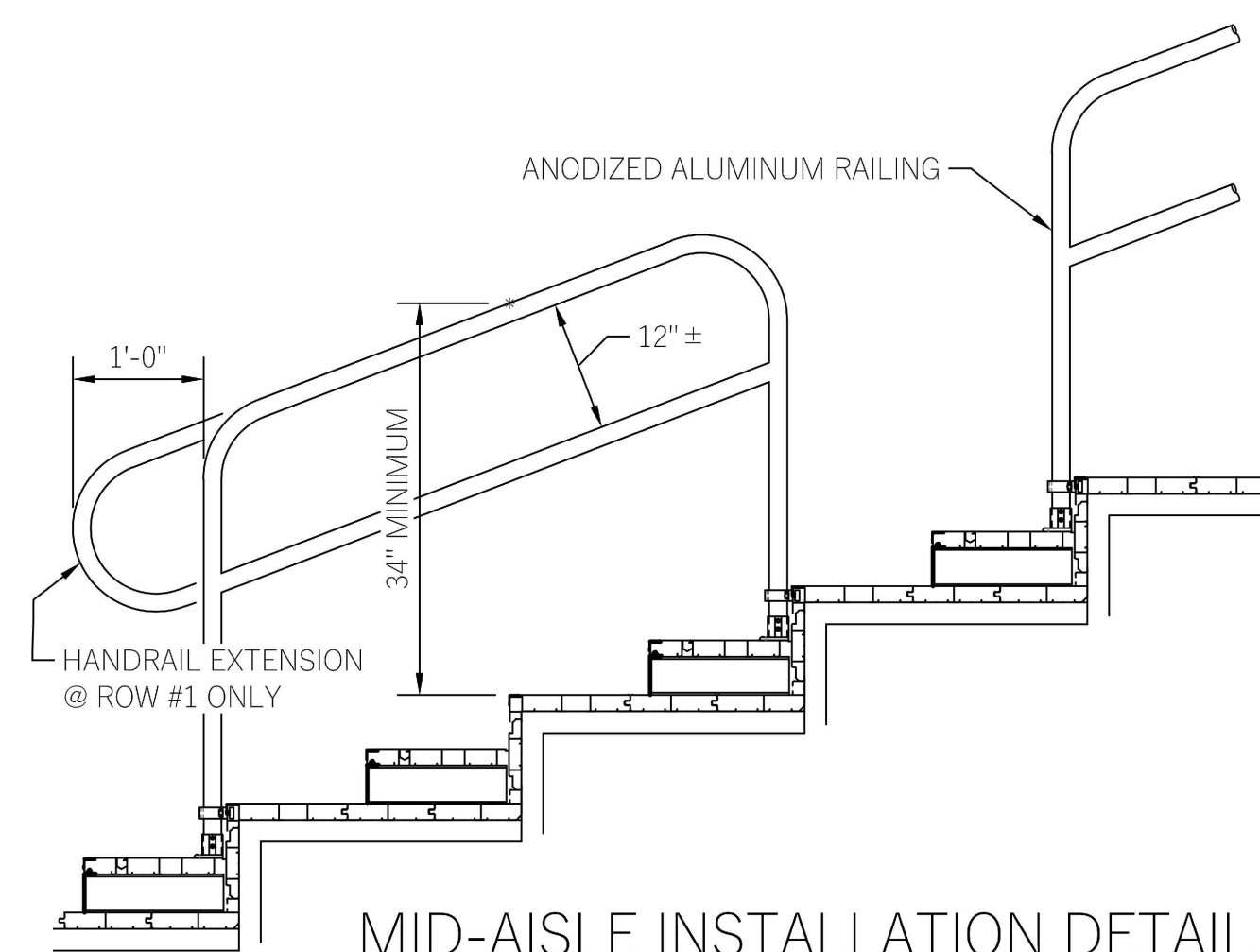
1. STRUCTURAL STEELS MEET ONE OF THE FOLLOWING ASTM SPECIFICATIONS: A36, A36/A572 GRADE 50, A572 GRADE 50, A572-50, OR A500 GRADE B.
2. WELDING: ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.1. WELDS ARE ALL AROUND (U.N.O.) WITH TYPE E70TS-6 WIRE MIG UNO.
3. ALL STEEL SHALL BE HOT DIP GALVANIZED TO CURRENT A.S.T.M. A-123.
4. ALL FIELD CONNECTIONS ARE NON-SLIP CRITICAL & DESIGNED TO UTILIZE A307 BOLTS. UNO A307 BOLTS SHALL BE USED IN THE FIELD OF A307 CONNECTIONS ARE TO BE TIGHTENED TO SNUG TIGHT CONDITION AS SPECIFIED BY AISC. NO TESTING OF A325N BOLTS IS REQUIRED.
5. ANODIZED ALUMINUM RAIL IS 1 1/4" NOMINAL PIPE SIZE. (1 5/8" O.D.)
6. SWAYROD THREADS SHALL BE PINGED WITH A HAMMER TO ELIMINATE REMOVAL OF NUT. AFTER FINAL TIGHTENING.
7. STRUCTURAL BOLTS ARE HOT DIPPED GALV. AND ARE EQUAL TO OR GREATER THAN A-307.
8. SOUTHERN BLEACHER COMPANY HAS AS A MANUFACTURER AND INSTALLER OF STEEL AND IRON STRUCTURES NOT AUTHORIZED TO CERTIFY PLANS AS ADOA COMPLIANT. HOWEVER, TO THE BEST OF OUR KNOWLEDGE THESE PLANS MEET OR EXCEED ADA REQUIREMENTS FOR QUANTITY OF ADA SEATING, ACCESS/EGRESS TO ADA SEATING, & DISPERSAL OF ADA SEATING.
9. STEEL FABRICATION TO BE DONE IN AN AISC CERTIFIED PLANT. A THIRD PARTY ASSESS APPROVED INSPECTION AGENCY MUST BE HIRED TO COMPLETE AND PROPERLY DOCUMENT THESE INSPECTIONS. THE AGENCY MUST DISCLOSE ANY POSSIBLE CONFLICTS OF INTEREST SO OBJECTIVITY CAN BE CONFIRMED. CERTIFIED REPORTS SHALL BE SUBMITTED DIRECTLY TO THE ARCHITECT FOR CONFORMANCE. ALL ASSOCIATED COSTS SHALL BE INCLUSIVE WITH THE MANUFACTURERS BID.



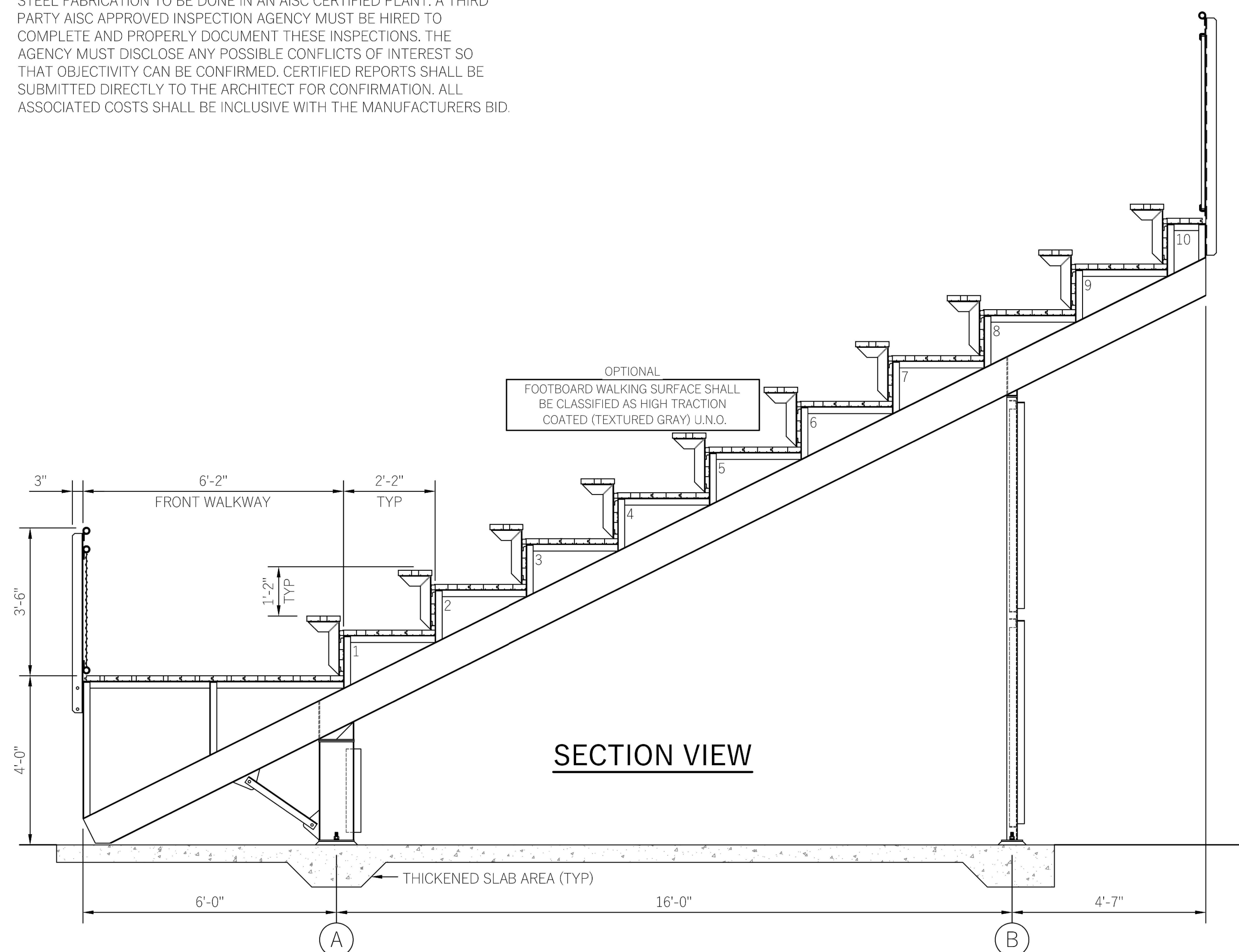
PLANK ARRANGEMENT



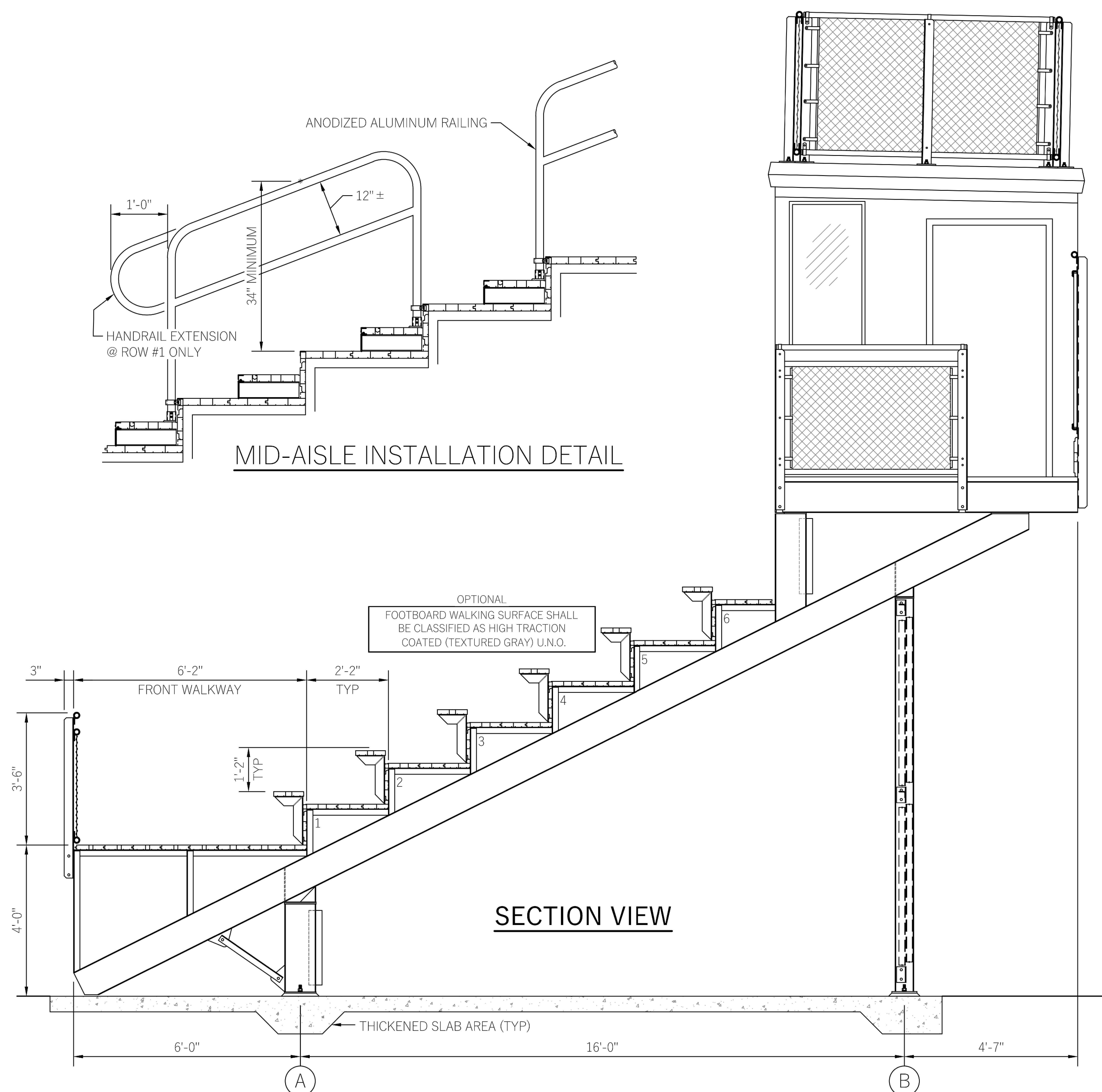
SIDE RAILING @ END AISLE



MID-AISLE INSTALLATION DETAIL



SECTION VIEW



SECTION VIEW

ENDING AND ALL ITS CLAIM FOR THE USE OF THE PROPERTY OF THE SOUTHERN GLASSER COMPANY IN CENTRAL AND SOUTH AFRICA BEING PUBLIC OR NOT. THE DRAWING IS NOT SUBJECT TO ANY OTHER DEMAND AND IS NOT TO BE USED IN ANY OTHER WAY.

EASTERN LANCASTER COUNTY

SECTION VIEWS - BASEBALL

DATE: 11/1/25

1



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BLEACHER DETAILS

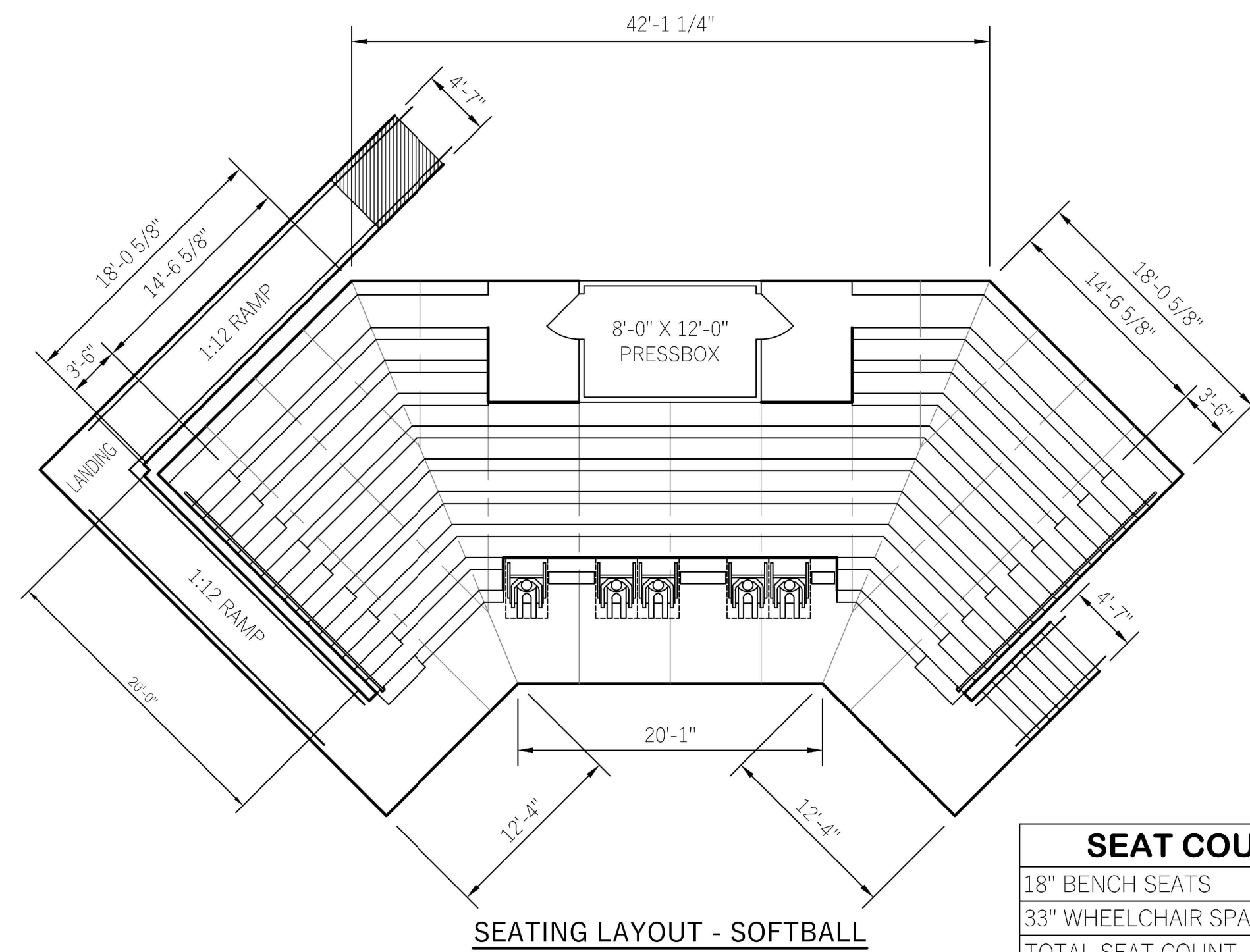
BLEACHER DETAILS
DESIGN DOCUMENTS - NOT FOR CONSTRUCTION
GARDEN SPOT ATHLETICS CAMPUS
FOR
GARDEN SPOT MIDDLE / HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
18951 KISTLER DRIVE, WEST HAVEN, PENNSYLVANIA
NEW HOLLAND TOWNSHIP, LANCASTER COUNTY, PENNSYLVANIA

RELEASES:		
No.	DATE	DESCRIPTION OF CHANGES
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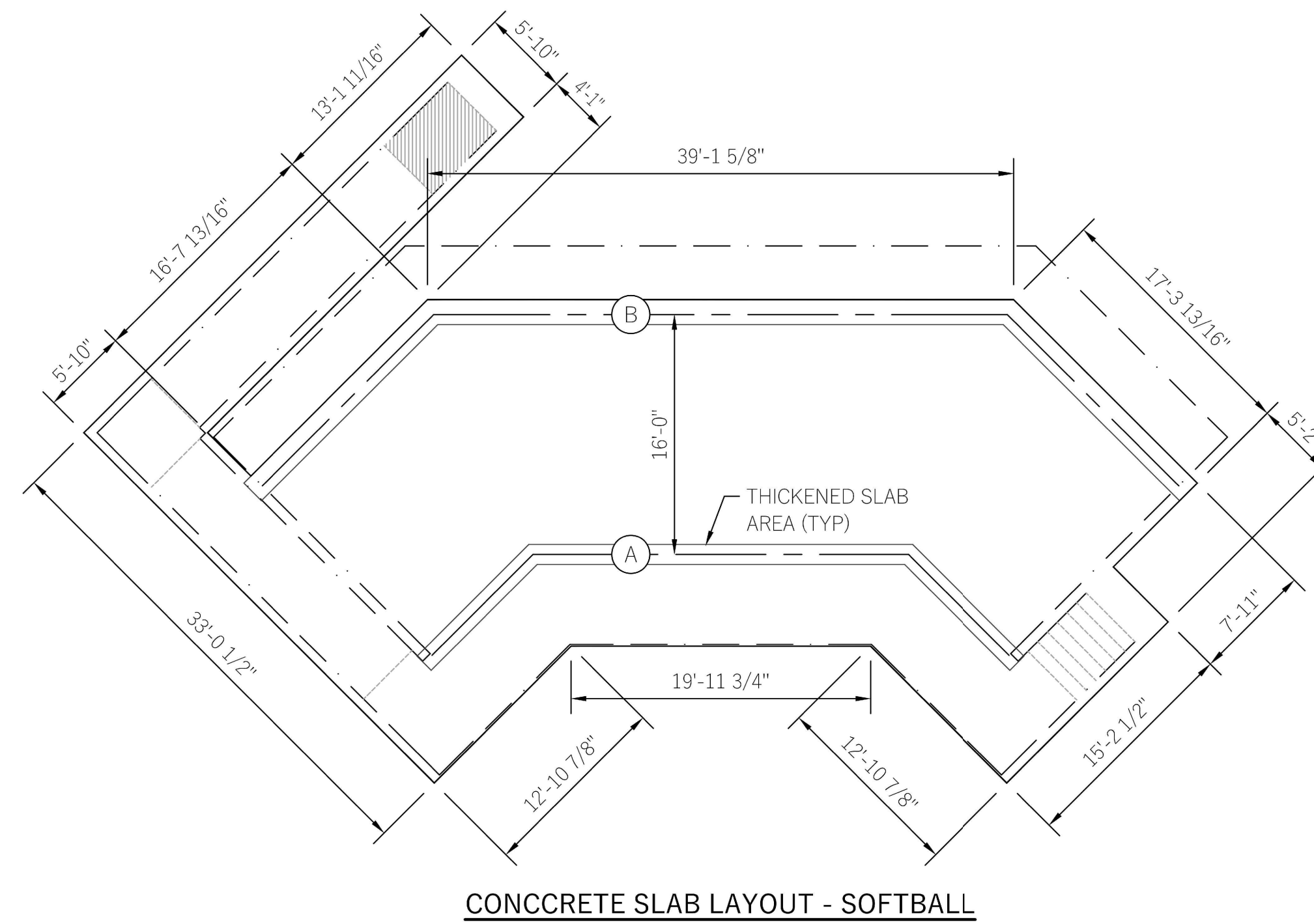
DATE:	01/31/2025
PROJECT #:	250540
DRAWN BY:	JPL / DCC
PM:	JFH
PIC:	SPS

DRAWING NO.

C-601



SEAT COUNT - SOFTBALL	
18" BENCH SEATS	213
33" WHEELCHAIR SPACES	5
TOTAL SEAT COUNT	218



EASTERN LANCASTER COUNTY

PLAN VIEWS - BASEBALL

DATE: 11/1/25

2



BLEACHER DETAILS

DESIGN DOCUMENTS - NOT FOR CONSTRUCTION

GARDEN SPOT ATHLETICS CAMPUS
FOR
GARDEN SPOT MIDDLE/ HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
 1000 EAST 10TH STREET
 NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

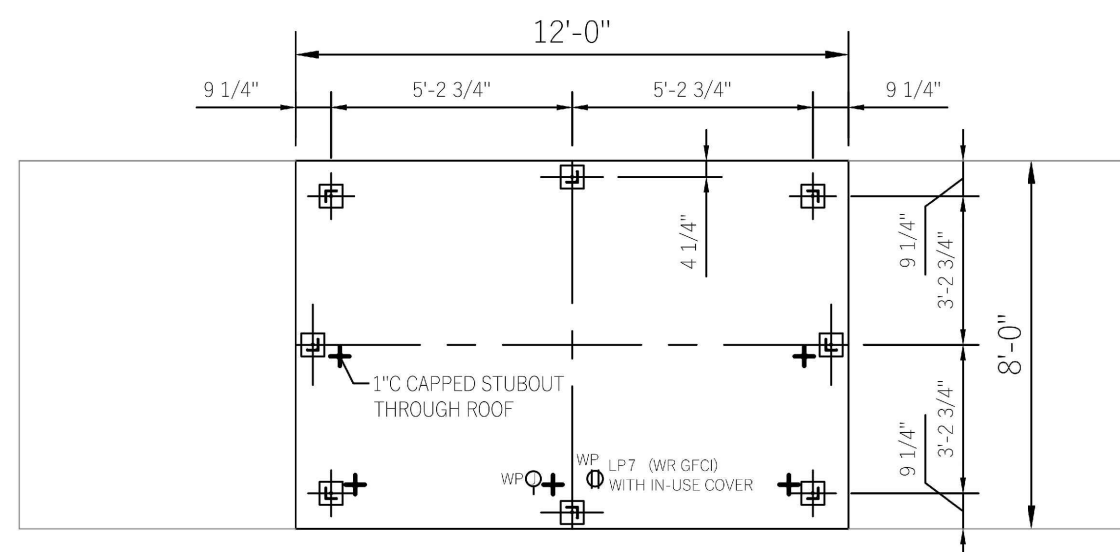
RELEASES:		
No.	DATE	DESCRIPTION OF CHANGES
1	01/09/26	SCHEMATIC PRICING

[illegible]

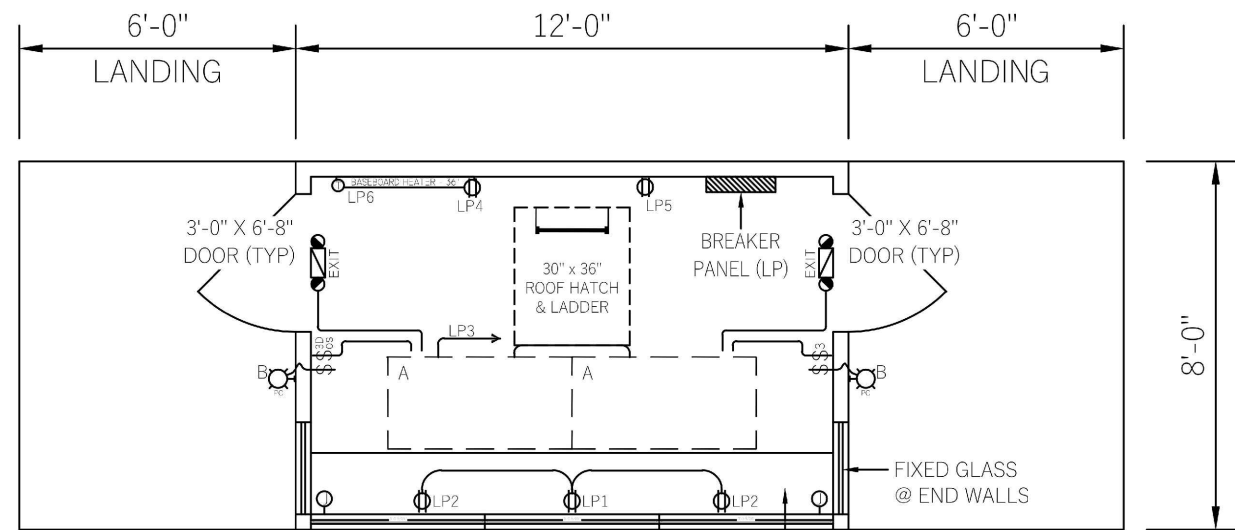
DATE:	01/31/2025
PROJECT #:	250540
DRAWN BY:	JPL / DCC
NAME:	JFH
LOCATION:	SBS

DRAWING NO.

C-602



ROOF RAIL LAYOUT



PLAN VIEW

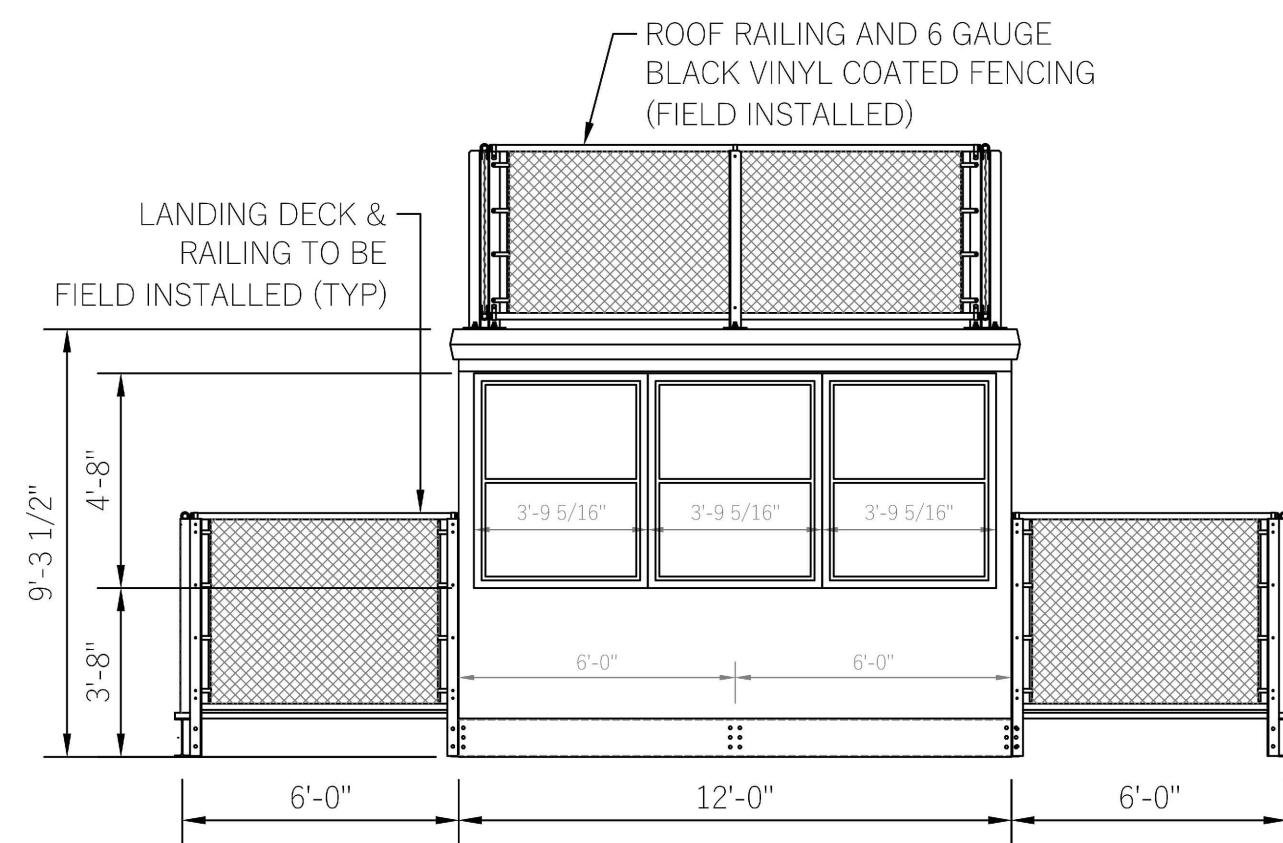
LOAD CENTER SCHEDULE									
U.L. LISTED - PANELBOARDS UL67 (E221790)					SUITABLE AS SERVICE EQUIPMENT				
ABB PCC2000 (OR EQUAL FOR REQUIRED LOAD)					COPPER BUSBAR				
PANEL _LP_ 200 AMP RATED - 30 SPACE w/ EQUIPMENT GROUND					240/208/120 VOLTS 1 PH.				
MOUNTING: ☐ FLUSH ☒ SURFACE					100A @ 240V AC MAX. 100 AMP MAIN BREAKER				
BREAKER	Q/R	BUS	BUS	BREAKER	Q/R	BUS	BUS	BREAKER	Q/R
SIZE	POLE	#	A	SIZE	POLE	#	A	SIZE	POLE
DUPLX RECEPTACLE FRONT WALL	20	1	1	2	20	1	(2) DUPLX RECEPTACLE FRONT WALL		
LIGHTS	20	1	3	4	20	1	DUPLX RECEPTACLE BACK WALL		
DUPLX RECEPTACLE BACK WALL	20	1	5	6	20	1	BASEBOARD HEATER		
WR-GFCI DUPLX RECEPT. ROOFTOP	20	1	7	8	20	1	SPARE		
SPARE	20	1	9	10	20	1	SPARE		
SPACE			11	12			SPACE		
SPACE			13	14			SPACE		
SPACE			15	16			SPACE		
SPACE			17	18			SPACE		
SPACE			19	20			SPACE		
SPACE			21	22			SPACE		
SPACE			23	24			SPACE		
SPACE			25	26			SPACE		
SPACE			27	28			SPACE		
SPACE			29	30			SPACE		

CONDUIT WILL BE 1/2" EMT, 1/2" STEELFLEX, OR SURFACE RACEWAY UNLESS OTHERWISE NOTED

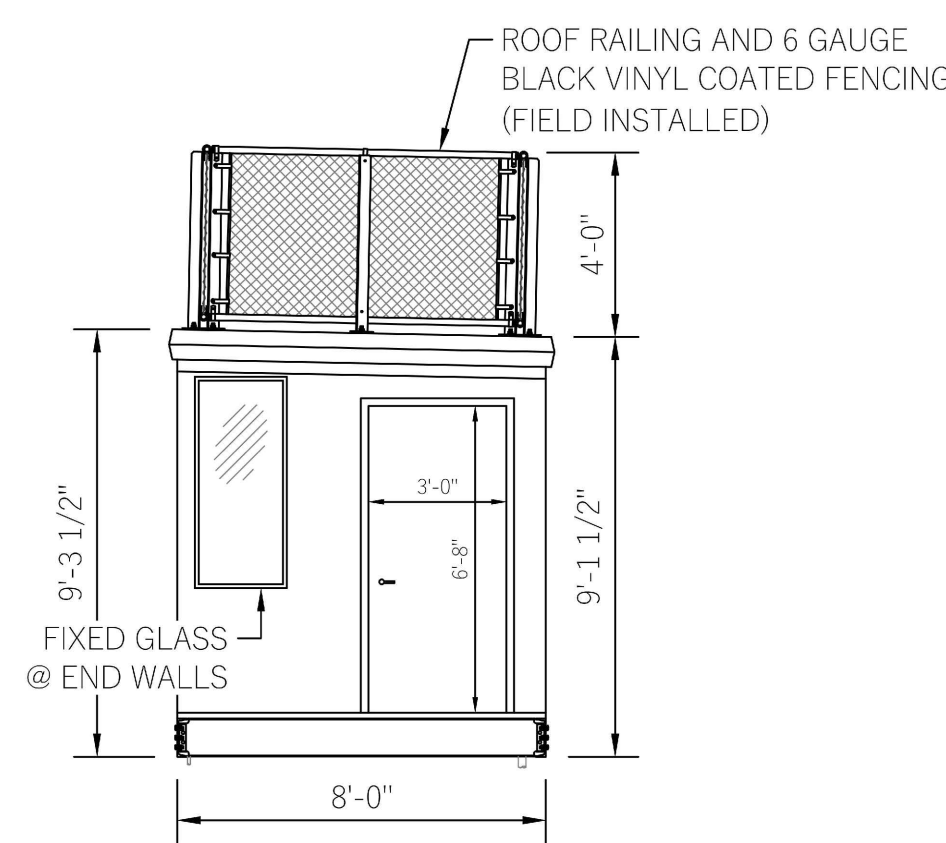
WIRING ON 20A BREAKERS WILL BE #12 = THWN - THHN

EQUIPMENT GROUND RUN IN ALL CONDUITS OR NON-METALLIC SURFACE RACEWAYS

PANEL FEEDER, NEUTRAL, BONDING, AND GROUNDING TO BE ACCORDING TO APPLICABLE CODES ADOPTED BY THE LOCAL A.H.J. ON SITE BY ELECTRICAL CONTRACTOR.

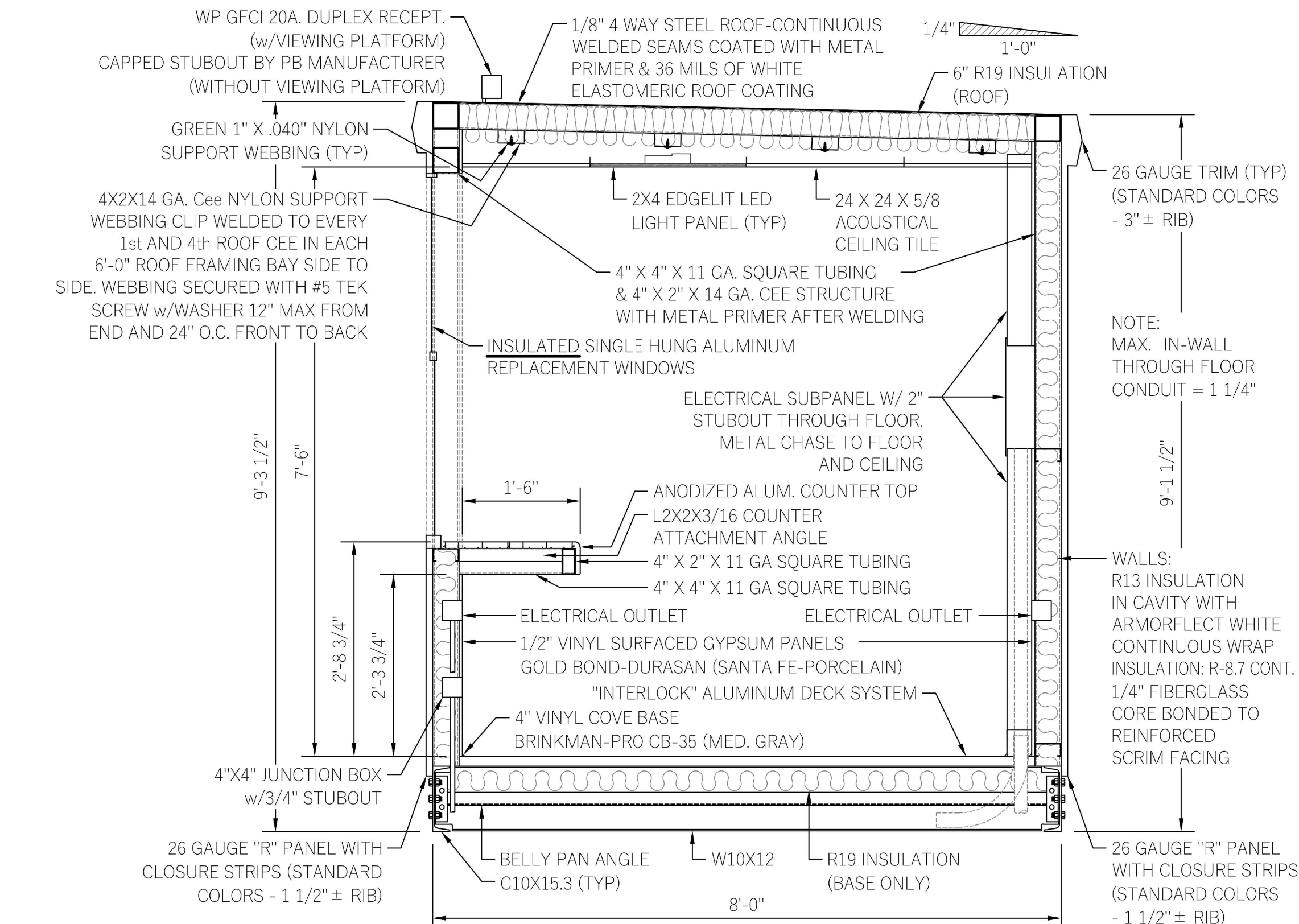


FRONT ELEVATION VIEW

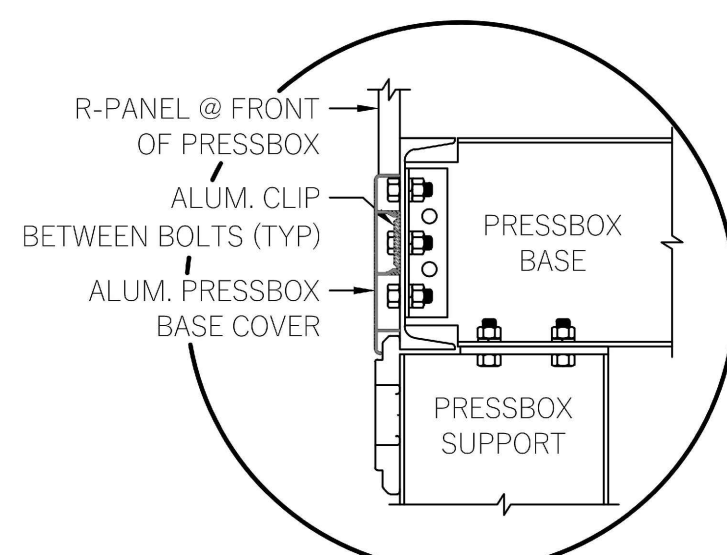


SIDE VIEW

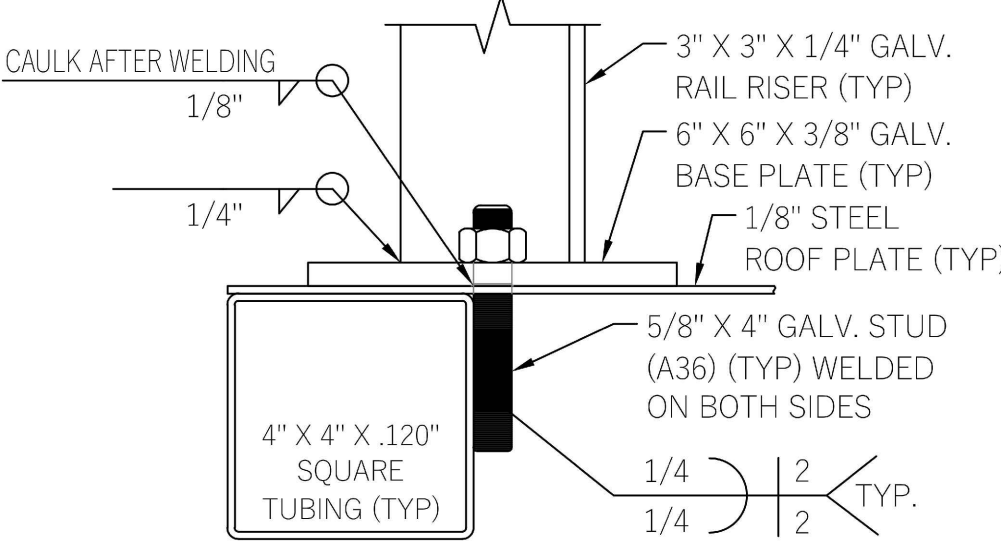
- 20A, 250V, SINGLE POWER RECEPT. TAMPER RESISTANT (NEMA 6-20R FOR PTAC UNIT)
- 15A, 250V, SINGLE POWER RECEPT. TAMPER RESISTANT (NEMA 6-15R FOR PTAC UNIT)
- 20A, 125V, DUPLEX RECEPT. TAMPER RESISTANT (WR-GFCI WHERE NOTED)
- 20A, 125V, QUAD RECEPT. TAMPER RESISTANT (WR-GFCI WHERE NOTED)
- 15A, 125V, SINGLE POLE DECORATOR STYLE SWITCH
- 15A, 125V, THREE WAY DECORATOR STYLE SWITCH
- LUTRON MAESTRO MS-2101-1A 120-277V, OR EQUAL
- 1 OCCUPANCY/SINGLE POLE/MULTI-LOCATION
- 8A AUTO-ON/AUTO-OFF OR MANUAL-ON/AUTO-OFF 0-10V IEC 60629 SINKING CONTROL LED DIMMER
- 44X2 1/8" JUNCTION BOX W/ 3/4" C STUBOUT UNDER FLOOR WP ON ROOF STUBBED INTO CEILING SPACE FOR USE BY OTHERS
- BATTERY BACK UP EMERGENCY/EXIT 7W, LED LIGHT CONNECT TO LIGHT CIRCUIT AHEAD OF SWITCH, NEC 700.12 (F)
- WP OUTDOOR 28W, LED WALL PACK LIGHT w/PHOTOCELL
- 2X4 EDGELIT LED PANEL LIGHT RAB LIGHTING L2PANI23X/D10 120V @ 120V INPUT WATTS: 30W OR EQUAL



SECTION VIEW



PRESSBOX BASE TRIM DETAIL



ROOF RAIL ATTACHMENT

EASTERN LANCASTER COUNTY

8'-0" X 12'-0" PRESSBOX - BASEBALL

DATE: 11/1/25

3

SOUTHERN BLEACHER CO.®

BLEACHER DETAILS

DESIGN DOCUMENTS - NOT FOR CONSTRUCTION

GARDEN SPOT ATHLETICS CAMPUS

FOR

GARDEN SPOT MIDDLE/ HIGH SCHOOL

EASTERN LANCASTER COUNTY SCHOOL DISTRICT

301 EAST MAIN STREET, LANCASTER, PA 17602

NEW HOLLAND TOWNSHIP, LANCASTER COUNTY, PENNSYLVANIA

RELEASES:		
No.	DATE	DESCRIPTION
1	01/09/26	SCHEMATIC PRICING

DATE:	01/12/2025
PROJECT #:	250540
DRAWN BY:	JPL/DCC
PK:	JFH
PK:	SBS

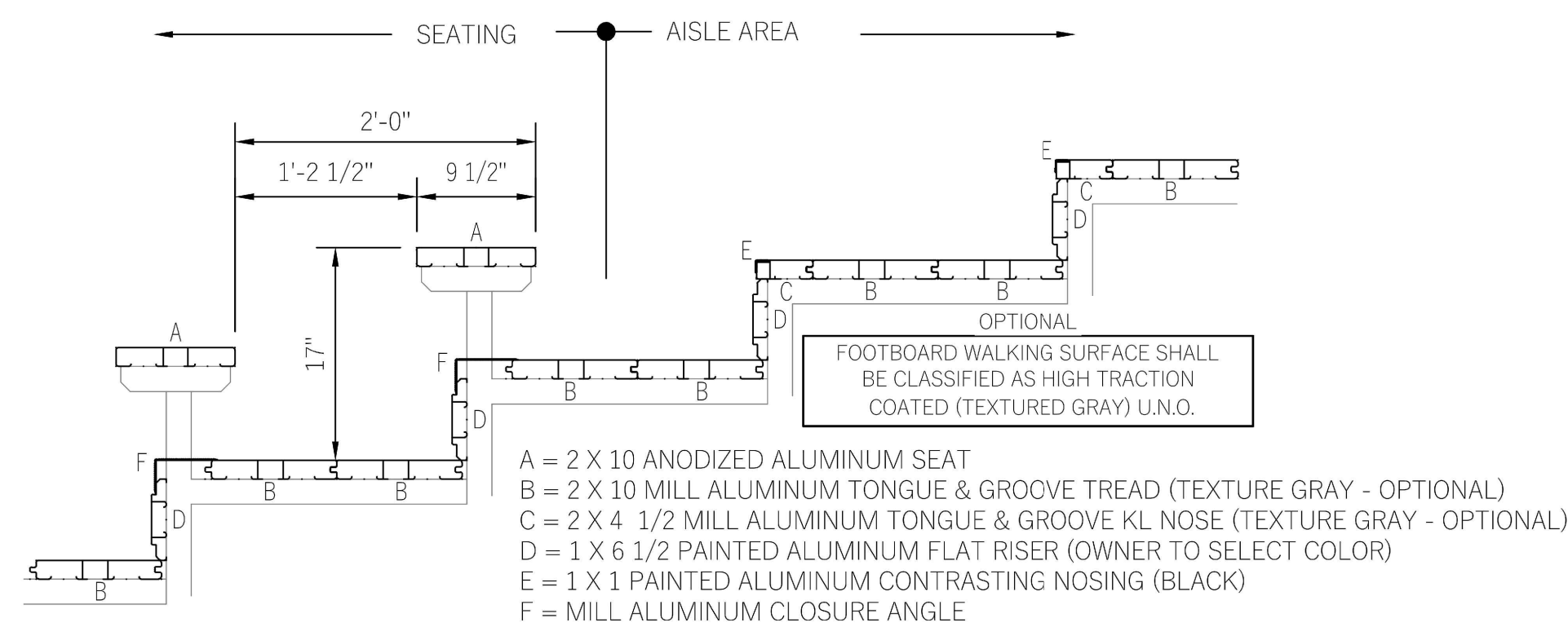
DRAWING NO.

C-603

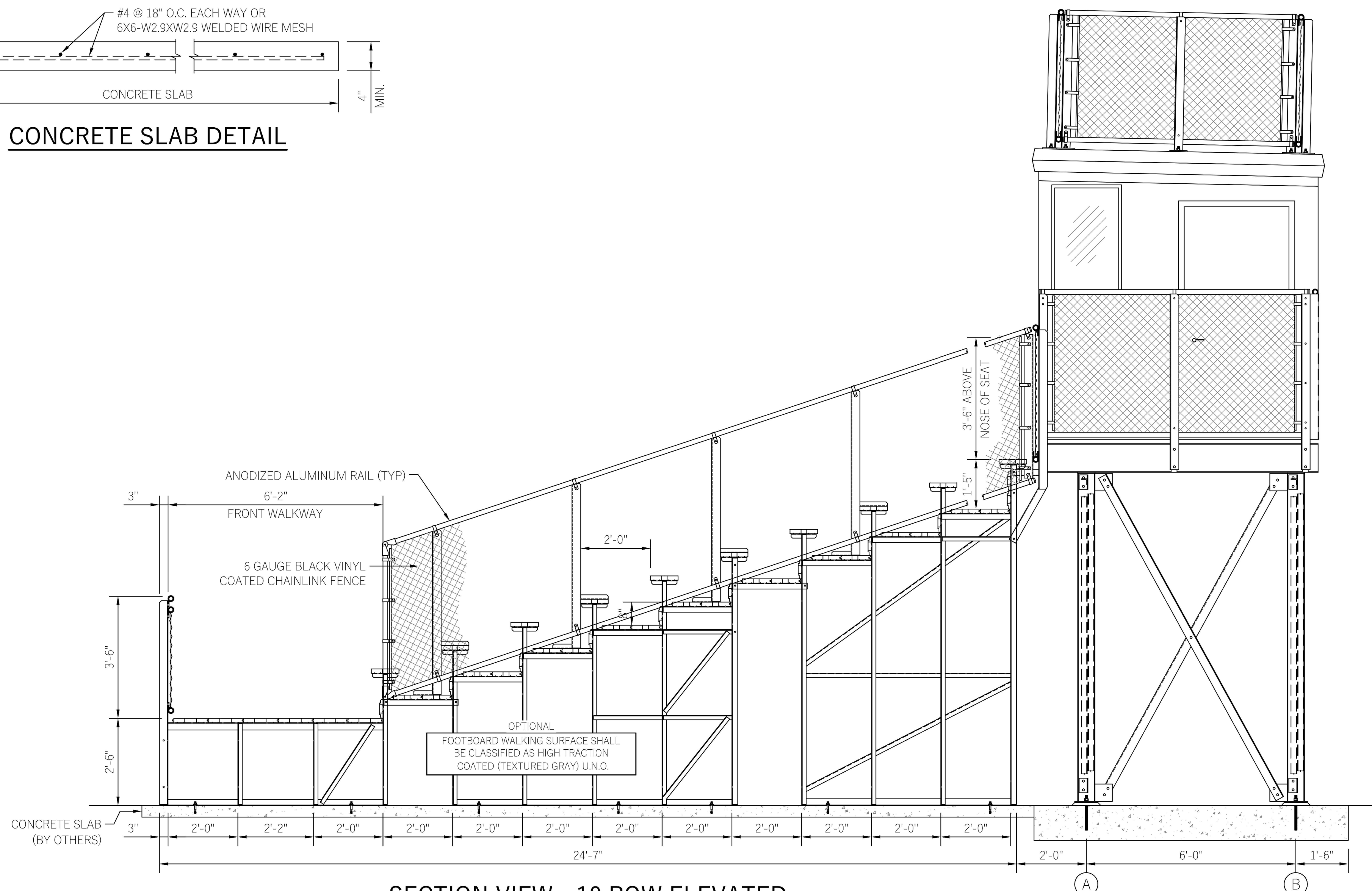
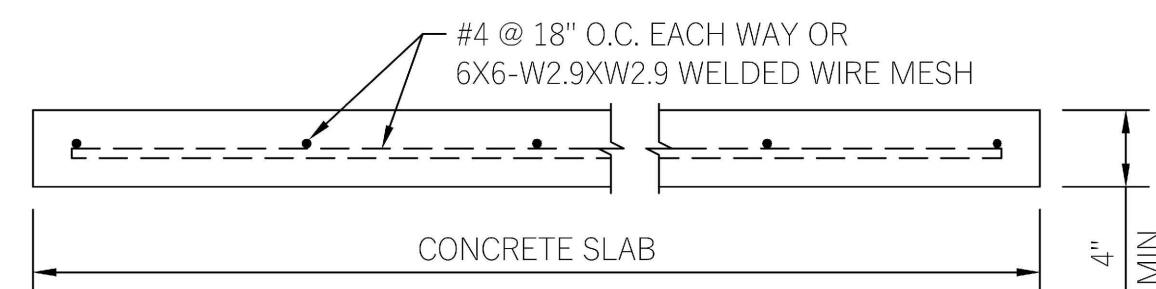
CODE OF REFERENCE - IBC 2018
OCCUPANCY GROUP - A5
CONSTRUCTION TYPE - **VB**

- | | | |
|----|------------------------------------|---------|
| 1. | DEAD LOADS: | |
| | BLEACHERS (INCLUDES GIRDERS) | 10 PSF |
| 2. | LIVE LOADS: | |
| | SEATS | 120 PLF |
| | TREADS | 100 PLF |
| | SWAY (PERPENDICULAR TO SEAT) | 10 PLF |
| | SWAY (PARALLEL TO SEAT) | 24 PLF |
| | PRESSBOX FLOOR | 100 PSF |
| | PRESSBOX ROOF | 100 PSF |
| | GUARDRAILS AND HANDRAILS* | 50 PLF |
- * OR A 200 POUND CONCENTRATED LOAD APPLIED TO RAIL AT ANY POINT IN ANY DIRECTION.

1. STRUCTURAL STEELS MEET ONE OF THE FOLLOWING ASTM SPECIFICATIONS: A36, A36/A572 GRADE 50, A572 GRADE 50, A572-50, OR A500 GRADE B.
2. WELDING: ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.1. WELDS ARE ALL AROUND (U.N.O.) WITH TYPE E70TS-6 WIRE MIG UNO.
3. ALL STEEL SHALL BE HOT DIP GALVANIZED TO CURRENT A.S.T.M. A-123.
4. ALL FIELD CONNECTIONS ARE NON-SIP CRITICAL & DESIGNATED AS UTILIZED A307 BOLTS. UNO A307 BOLTS SHALL HAVE A MINIMUM TENSILE OF A307.
5. ALL BOLTS ARE TO BE TIGHTENED TO SNUG TIGHT CONDITION SPECIFIED BY AISC. NO TESTING OF A325N BOLTS IS REQUIRED.
6. ANODIZED ALUMINUM RAIL IS 1 1/4" NOMINAL PIPE SIZE. (1 5/8" O.D.)
7. SWAYROD THREADS SHALL BE PINGED WITH A HAMMER TO ELIMINATE REMOVAL OF NUT. AFTER FINAL TIGHTENING.
8. STRUCTURAL BOLTS ARE HOT DIPPED GALV. AND ARE EQUAL TO OR GREATER THAN A-307.
9. SOUTHERN BLEACHER COMPANY AS A MANUFACTURER AND INSTALLER OF STEEL AND STEEL JOISTS IS NOT AUTHORIZED TO CERTIFY PLANS AS ADA COMPLIANT. HOWEVER, TO THE BEST OF OUR KNOWLEDGE THESE PLANS MEET OR EXCEED ADA REQUIREMENTS FOR QUANTITY OF ADA SEATING, ACCESS/EGRESS TO ADA SEATING, & DISPERSAL OF ADA SEATING.
10. STEEL FABRICATION TO BE DONE IN AN AISC CERTIFIED PLANT. A THIRD PARTY ASSESS APPROVED INSPECTION AGENCY MUST BE HIRED TO COMPLETE AND PROPERLY DOCUMENT THESE INSPECTIONS. THE AGENCY MUST DISCLOSE ANY POSSIBLE CONFLICTS OF INTEREST SO OBJECTIVITY CAN BE CONFIRMED. CERTIFIED REPORTS SHALL BE SUBMITTED DIRECTLY TO THE ARCHITECT FOR CONFORMANCE. ALL ASSOCIATED COSTS SHALL BE INCLUSIVE WITH THE MANUFACTURERS BID.



8" X 24"



SECTION VIEW - 10 ROW ELEVATED

THIS DIVING AND ALL INFORMATION THEREIN IS THE PROPERTY OF THE SOUTH-EAST LAKERS COMPANY. KOSMOS DIVE AND MUST NOT BE ANY PLACED OR COPIED, THIS DIVING IS A GOOD SERVICE. FOR MORE INFORMATION, PLEASE CONTACT US AT 020 7123 4567.

EASTERN LANCASTER COUNTY

SECTION VIEW

DATE: 11/1/25

4



SOUTHERN BLEACHER CO.
(817) 546-0793 • P.O. BOX 1268 • GRAHAM, TEXAS 76040

BLEACHER DETAILS

DESIGN DOCUMENTS - NOT FOR CONSTRUCTION

GARDEN SPOT ATHLETICS CAMPUS

FOR

GARDEN SPOT MIDDLE/ HIGH SCHOOL

EASTERN LANCASTER COUNTY SCHOOL DISTRICT

666 EAST MAIN STREET
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

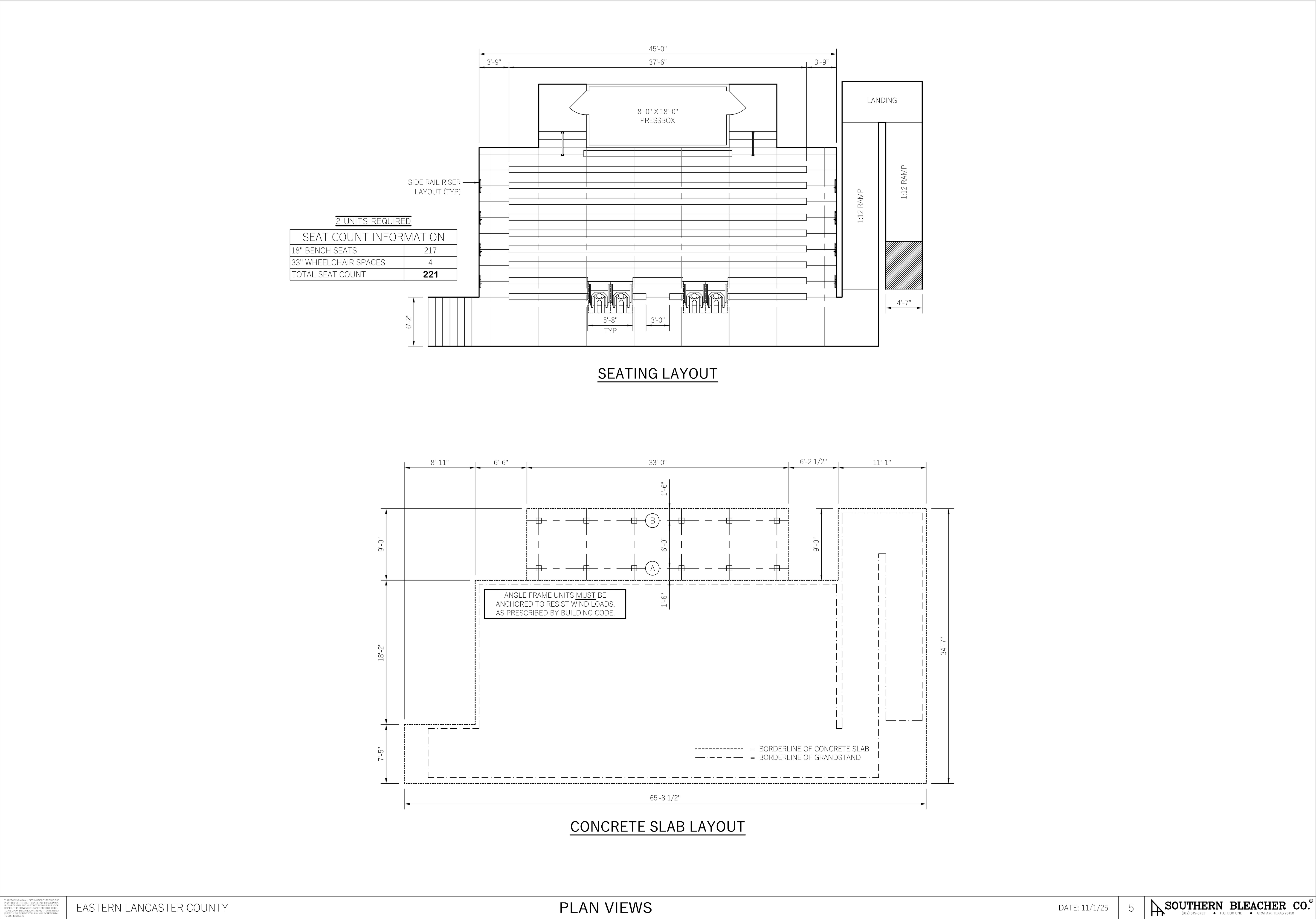
RELEASES:

No.	DATE	DESCRIPTION OF CHANGES
1	01/09/26	SCHEMATIC PRICING

[illegible]

DATE:	01/31/2025
PROJECT #:	250540
DRAWN BY:	JPL / DCC
PM:	JFH
OPIC:	SBS

C-604





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301 N. MARKET STREET SUITE 200 LEBANON PA 17042 • 17176
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BLEACHER DETAILS

DESIGN DOCUMENTS - NOT FOR CONSTRUCTION

GARDEN SPOT ATHLETICS CAMPUS

FOR

GARDEN SPOT MIDDLE/ HIGH SCHOOL

EASTERN LANCASTER COUNTY SCHOOL DISTRICT

668 EAST MAIN STREET
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

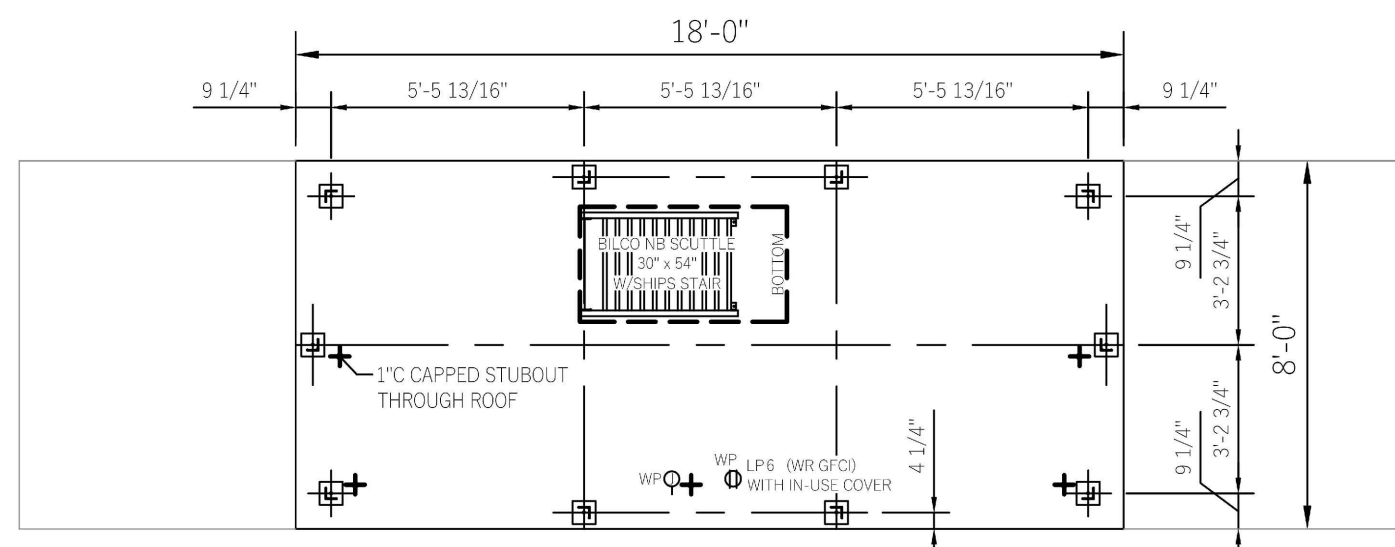
RELEASES:

No.	DATE	DESCRIPTION
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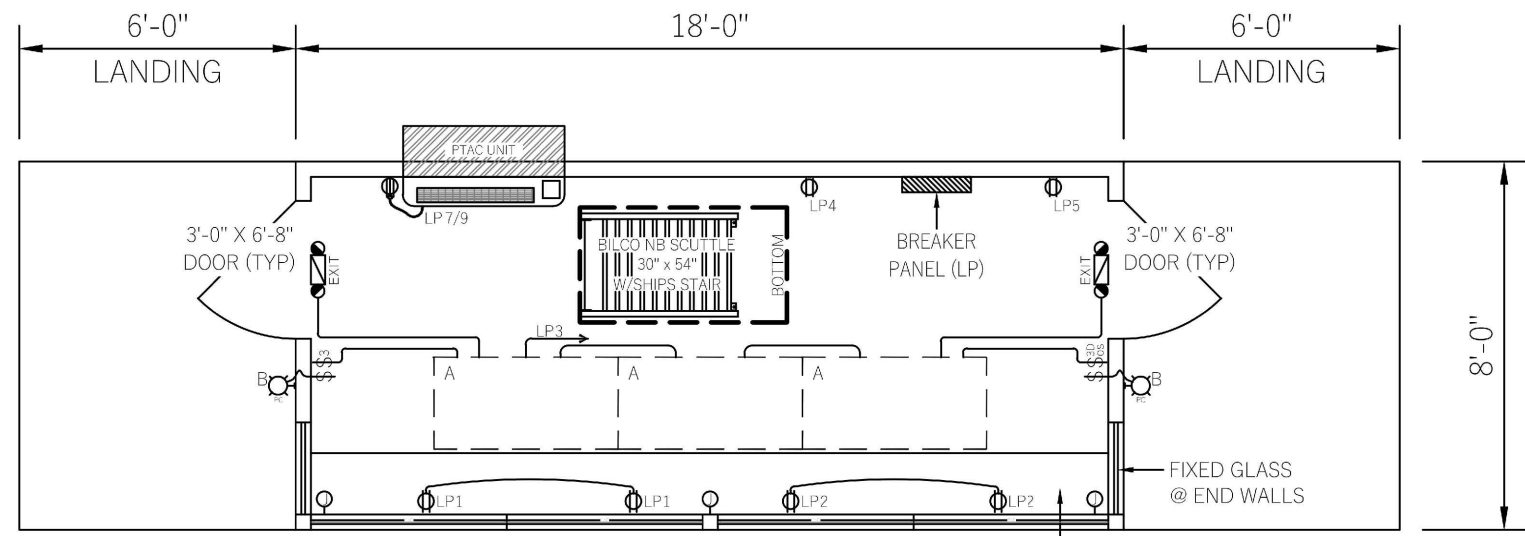
DATE:	01/01/2026
PROJECT #:	250540
DRAWN BY:	JPL/DCC
PN:	JFH
PC:	SBS

DRAWING NO.

C-605



ROOF RAIL LAYOUT



PLAN VIEW

U.L. LISTED - PANELBOARDS UL67 (E21790)

LOAD CENTER SCHEDULE

SUITABLE AS SERVICE EQUIPMENT
COPPER BUSBAR

ABB PCC2000 (OR EQUAL FOR REQUIRED LOAD)

PANEL LP 200 AMP RATED - 30 SPACE w/ EQUIPMENT GROUND

240/208/120 VOLTS 1 PH.

MOUNTING: ☐ FLUSH ☒ SURFACE

100kA @ 240V AC MAX.

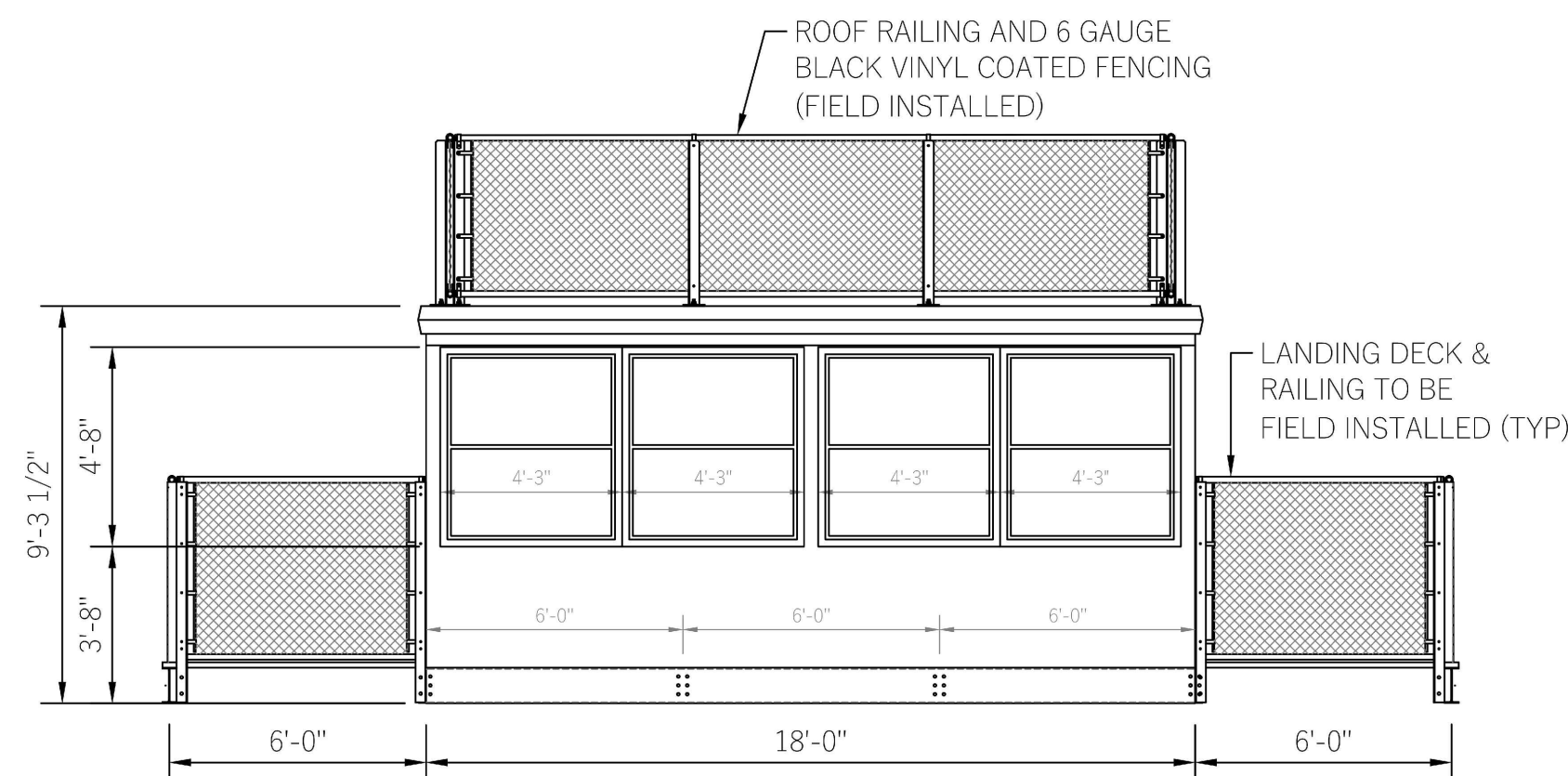
100 AMP MAIN BREAKER

BREAKER		CIR.	BUS		CIR.	BREAKER		CIR.	BREAKER
SIZE	POLE		#	A		SIZE	POLE		
(2) DUPLEX RECEPTACLE FRONT WALL	20	1	1		2	20	1	(2) DUPLEX RECEPTACLE FRONT WALL	
LIGHTS	20	1	3		4	20	1	DUPLEX RECEPTACLE BACK WALL	
DUPLEX RECEPTACLE BACK WALL	20	1	5		6	20	1	WR-GFO DUPLEX RECEPT. ROOFTOP	
PTAC UNIT	20	1	7		8	20	1	SPARE	
PTAC UNIT	20	1	9		10	20	1	SPARE	
SPACE			11		12	SPACE			
SPACE			13		14	SPACE			
SPACE			15		16	SPACE			
SPACE			17		18	SPACE			
SPACE			19		20	SPACE			
SPACE			21		22	SPACE			
SPACE			23		24	SPACE			
SPACE			25		26	SPACE			
SPACE			27		28	SPACE			
SPACE			29		30	SPACE			
CONDUIT WILL BE 1/2" EMT, 1/2" STEELFLEX, OR SURFACE RACEWAY UNLESS OTHERWISE NOTED									
PANEL FEEDER, NEUTRAL, BONDING, AND GROUNDING TO BE ACCORDING TO APPLICABLE CODES ADOPTED BY THE LOCAL AHI									
ON SITE BY ELECTRICAL CONTRACTOR									
WIRING ON 20A BREAKERS WILL BE #12 - THWN - THHN									
EQUIPMENT GROUND RUN IN ALL CONDUITS OR NON-METALLIC SURFACE RACEWAYS									

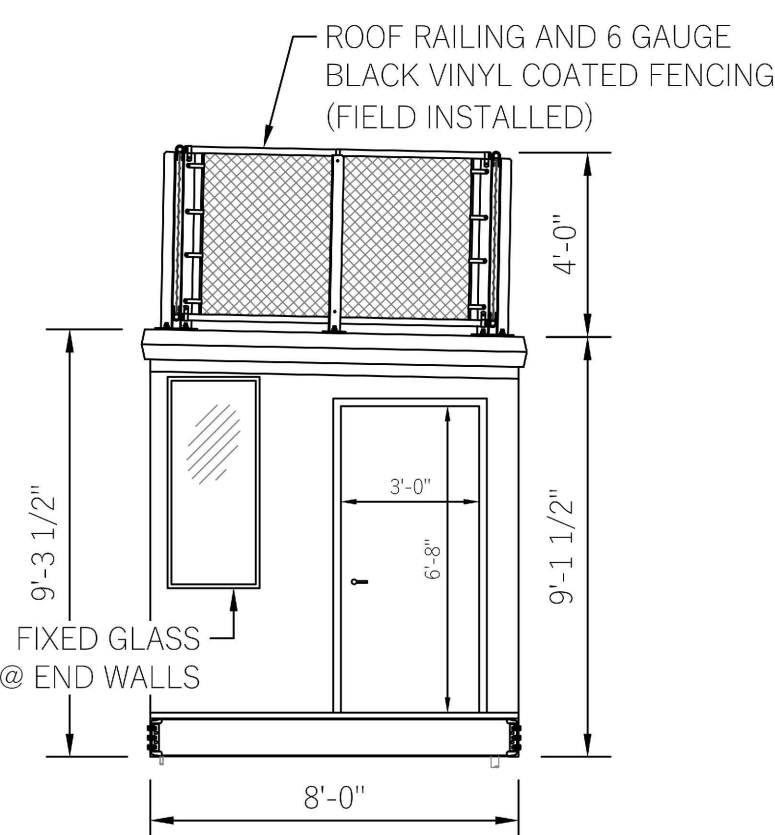
CONDUIT WILL BE 1/2" EMT, 1/2" STEELFLEX, OR SURFACE RACEWAY UNLESS OTHERWISE NOTED

WIRING ON 20A BREAKERS WILL BE #12 THHN - THHN

EQUIPMENT GROUND RUN IN ALL CONDUITS OR NON-METALLIC SURFACE RACEWAYS

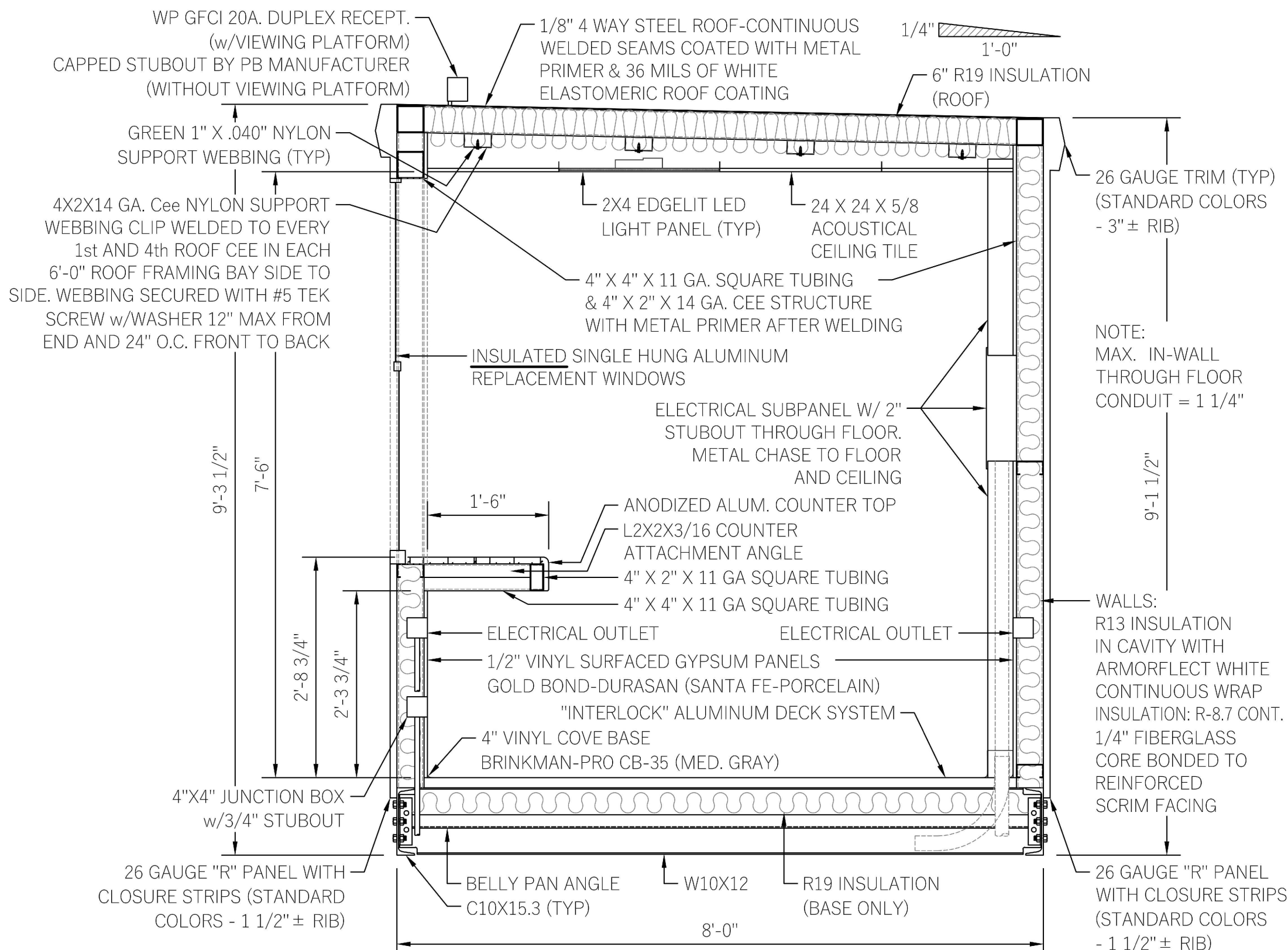


FRONT ELEVATION VIEW



SIDE VIEW

2 UNITS REQUIRED



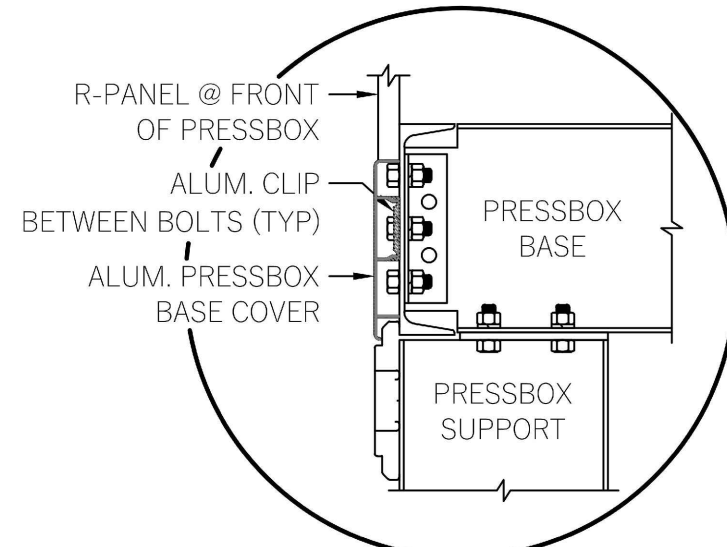
SECTION VIEW

NOTE:

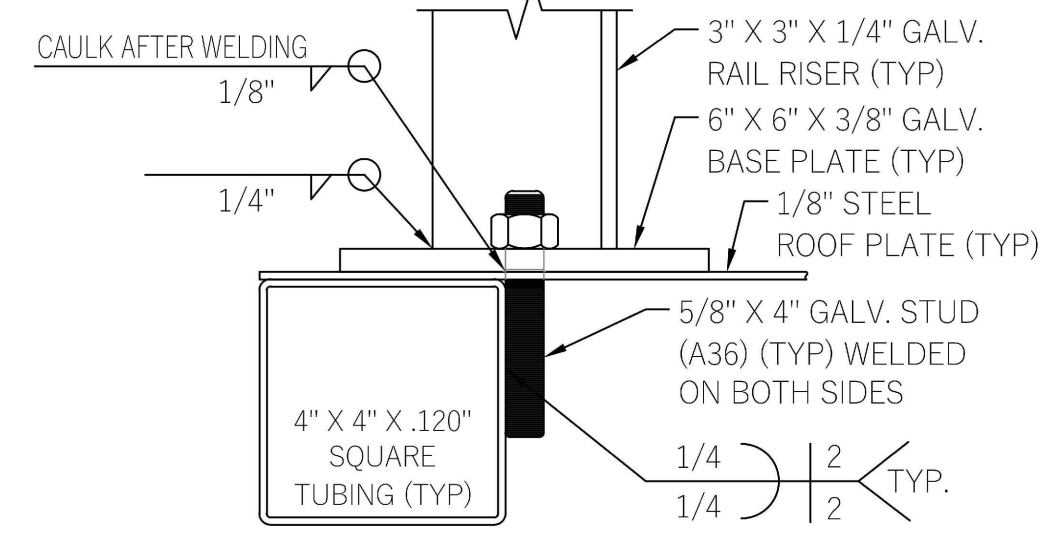
ROOF PLATE STEEL IS WELDED ON BOTH SIDES OF RAFTERS WITH 1-1/2" LONG 1/8" FILLET WELDS ON 12" CENTERS.

WALL PANELS ARE ATTACHED WITH #12 TEK SCREWS - 6" O.C. AT THE TOP AND BOTTOM OF THE PANELS AND 12" O.C. AT ANY INTERMEDIATE BRACE. LAP SCREWS ARE PLACED AT EACH END OF THE PANELS, AT THE INTERMEDIATE SUPPORTS, AND AT THE MID POINT BETWEEN SUPPORTS. (TEK #14)

FLOOR PLANK ATTACHED WITH (2)-MILL ALUM. HOLD DOWN CLIP w/5/16"x1" CARRIAGE SCREW AND 5/16" FLANGE NUT AT EACH W10X12. FRONT (END) FLOOR PLANK ATTACHED TO W10X12 WITH (2)-COUNTERSUNK 2" TEK SCREWS PER END OF PLANK AND AT INTERMEDIATE SUPPORTS.



PRESSBOX BASE TRIM DETAIL



ROOF RAIL ATTACHMENT

EASTERN LANCASTER COUNTY

8'-0" X 18'-0" PRESSBOX

DATE: 11/1/25

6

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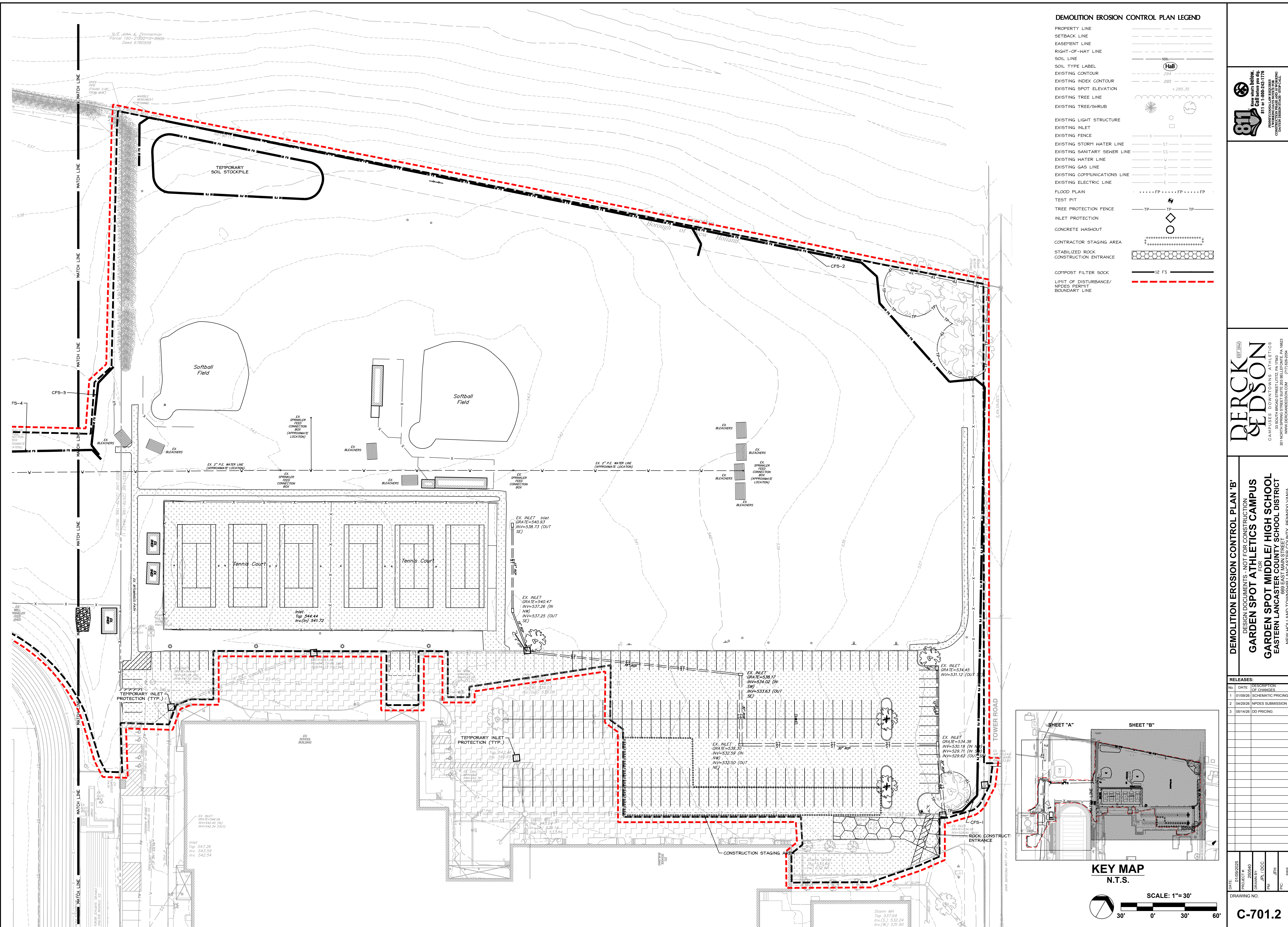
BLEACHER DETAILS
DESIGN DOCUMENTS - NOT FOR CONSTRUCTION
GARDEN SPOT ATHLETICS CAMPUS
FOR
GARDEN SPOT MIDDLE/ HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
668 EAST MAIN STREET
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

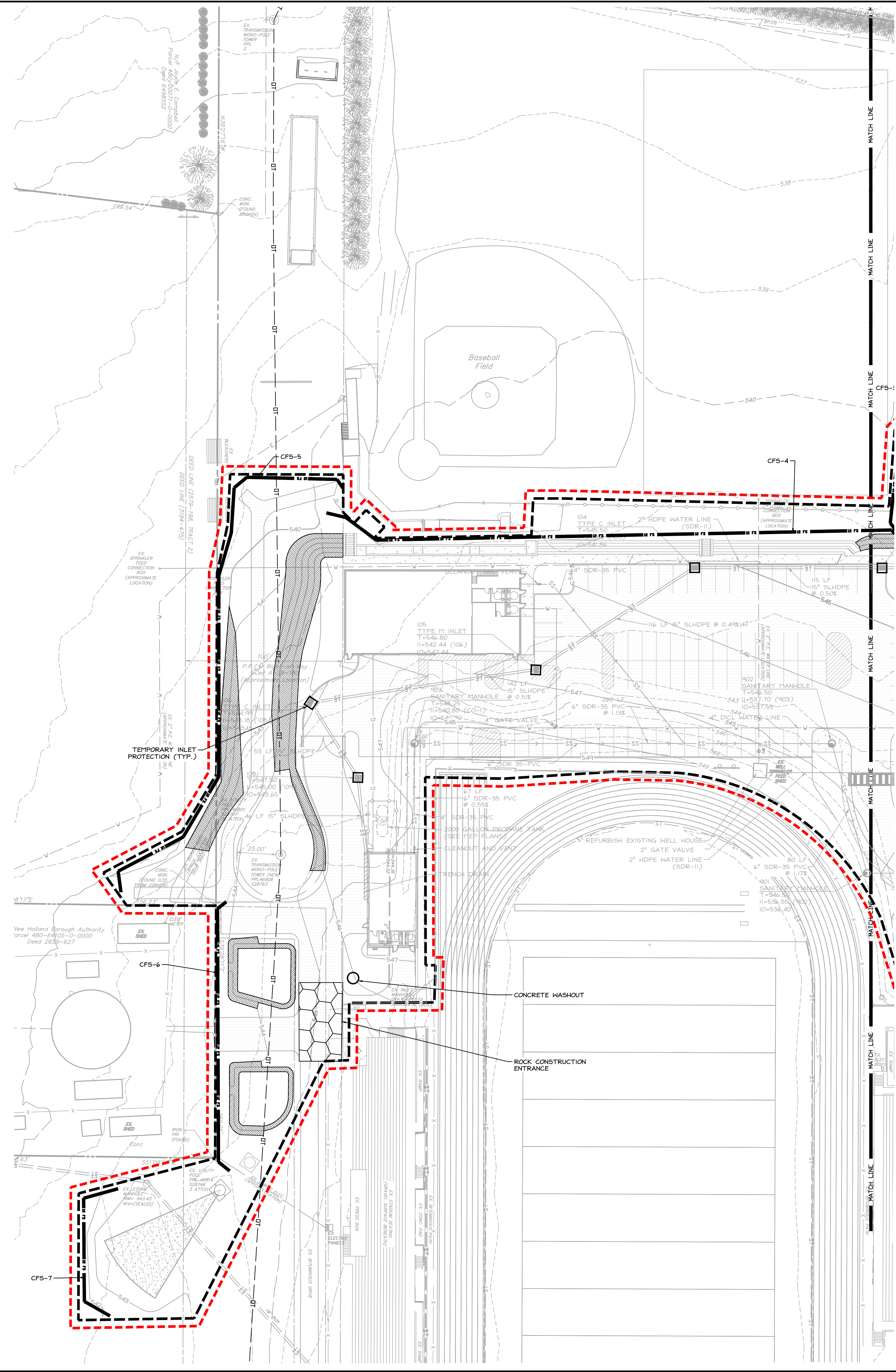
RELEASES:
No. DATE DESCRIPTION
1 01/09/26 SCHEMATIC PRICING

DATE: 01/12/2025
PROJECT #: 250540
DRAWN BY: JPL/DCC
IN: JFH
P/C: SBS

DRAWING NO.

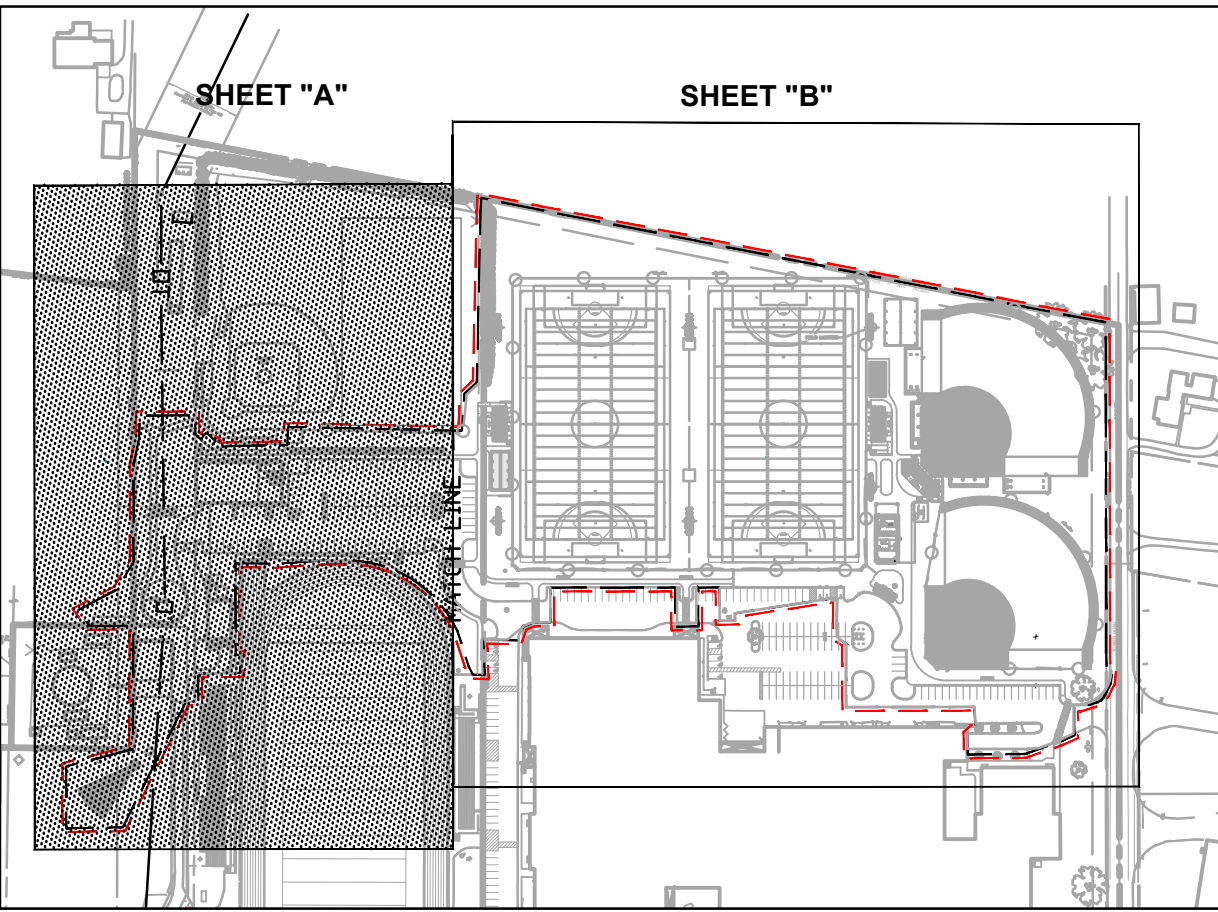
C-606



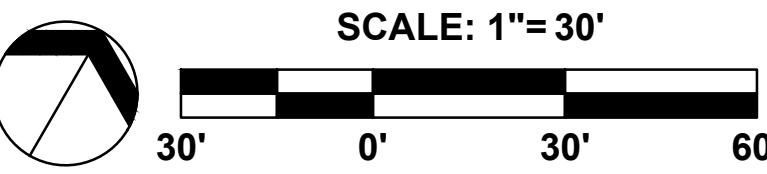


CONSTRUCTION EROSION CONTROL PLAN LEGEND

PROPERTY LINE	---
SETBACK LINE	---
EASEMENT LINE	---
RIGHT-OF-WAY LINE	---
SOIL LINE	---
SOIL TYPE LABEL	Hub
EXISTING CONTOUR	---
EXISTING INDEX CONTOUR	---
EXISTING SPOT ELEVATION	295 +285.35
PROPOSED CONTOUR	---
PROPOSED INDEX CONTOUR	---
PROPOSED SPOT ELEVATION	295 +295.35
EXISTING TREE/SHRUB	---
EXISTING LIGHT STRUCTURE	---
EXISTING INLET	---
PROPOSED INLETS	---
PROPOSED MANHOLE	---
EXISTING FENCE	---
PROPOSED FENCE	---
EXISTING STORM WATER LINE	---
EXISTING SANITARY SEWER LINE	---
EXISTING WATER LINE	---
EXISTING GAS LINE	---
EXISTING COMMUNICATIONS LINE	---
EXISTING ELECTRIC LINE	---
PROPOSED STORM WATER LINE	---
PROPOSED SANITARY SEWER LINE	---
PROPOSED WATER LINE	---
PROPOSED GAS LINE	---
PROPOSED COMMUNICATIONS LINE	---
PROPOSED ELECTRIC LINE	---
FLOOD PLAIN	---
TEST PIT	---
ORANGE CONSTRUCTION FENCE	---
INLET PROTECTION	---
CONCRETE WASHOUT	---
CONTRACTOR STAGING AREA	---
STABILIZED ROCK CONSTRUCTION ENTRANCE	---
STEEP SLOPE MATTING	---
COMPOST FILTER SOCK	---
LIMIT OF DISTURBANCE/ NPDES PERMIT BOUNDARY LINE	---



KEY MAP
N.T.S.



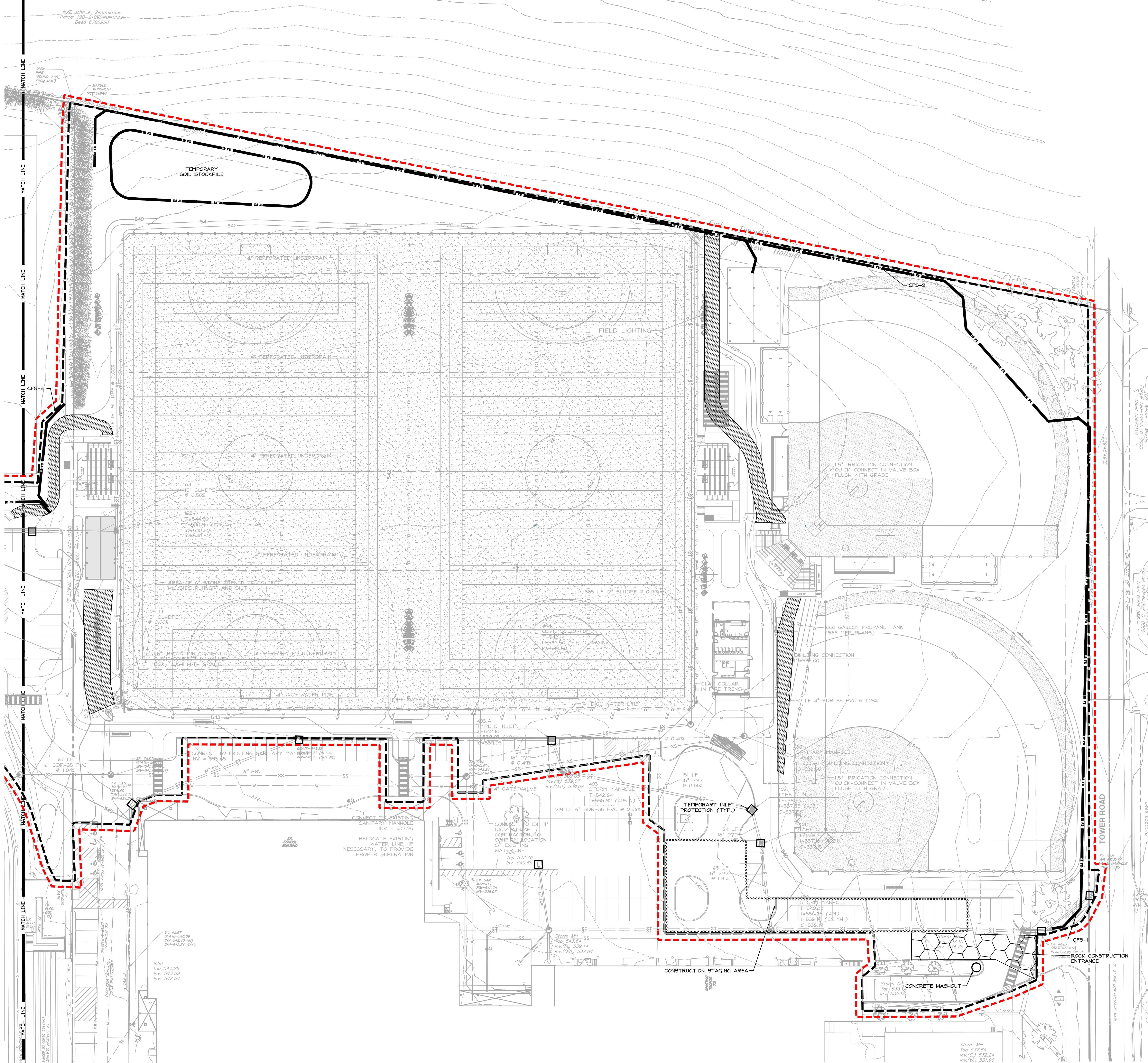
CONSTRUCTION EROSION CONTROL PLAN 'A'

DESIGN DOCUMENTS - NOT FOR CONSTRUCTION
GARDEN SPOT ATHLETICS CAMPUS
FOR
GARDEN SPOT MIDDLE/ HIGH SCHOOL
EASTERN LANCASTER COUNTY SCHOOL DISTRICT
NEW HOLLAND TOWNSHIP LANCASTER COUNTY, PENNSYLVANIA

No.	DATE	DESCRIPTION
1	01/09/26	SCHEMATIC PRICING
2	04/29/26	NPDES SUBMISSION
3	05/14/26	DD PRICING

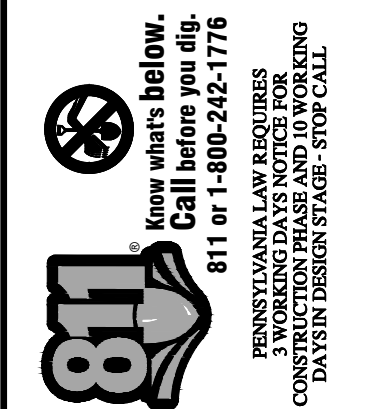
DATE	01/09/2025
PROJECT #	250540
DRAWN BY	JPL/DCC
PM	JFH
PIC	SBS
DRAWING NO.	C-702.1

C-702.1



CONSTRUCTION EROSION CONTROL PLAN LEGEND

PROPERTY LINE	---
SETBACK LINE	---
EASEMENT LINE	---
RIGHT-OF-WAY LINE	---
SOIL LINE	---
SOIL TYPE LABEL	---
EXISTING CONTOUR	---
EXISTING INDEX CONTOUR	---
EXISTING SPOT ELEVATION	---
PROPOSED CONTOUR	---
PROPOSED INDEX CONTOUR	---
PROPOSED SPOT ELEVATION	---
EXISTING TREE LINE	---
EXISTING TREE/SHRUB	---
EXISTING LIGHT STRUCTURE	---
EXISTING INLET	---
PROPOSED INLETS	---
PROPOSED MANHOLE	---
EXISTING FENCE	---
PROPOSED FENCE	---
EXISTING STORM WATER LINE	---
EXISTING SANITARY SEWER LINE	---
EXISTING WATER LINE	---
EXISTING GAS LINE	---
EXISTING COMMUNICATIONS LINE	---
EXISTING ELECTRIC LINE	---
PROPOSED STORM WATER LINE	---
PROPOSED SANITARY SEWER LINE	---
PROPOSED WATER LINE	---
PROPOSED GAS LINE	---
PROPOSED COMMUNICATIONS LINE	---
PROPOSED ELECTRIC LINE	---
FLOOD PLAIN	---
TEST PIT	---
ORANGE CONSTRUCTION FENCE	---
INLET PROTECTION	---
CONCRETE WASHOUT	---
CONTRACTOR STAGING AREA	---
STABILIZED ROCK	---
CONSTRUCTION ENTRANCE	---
STEEP SLOPE MATTING	---
COMPOST FILTER SOCK	---
LIMIT OF DISTURBANCE/ NPDES PERMIT BOUNDARY LINE	---



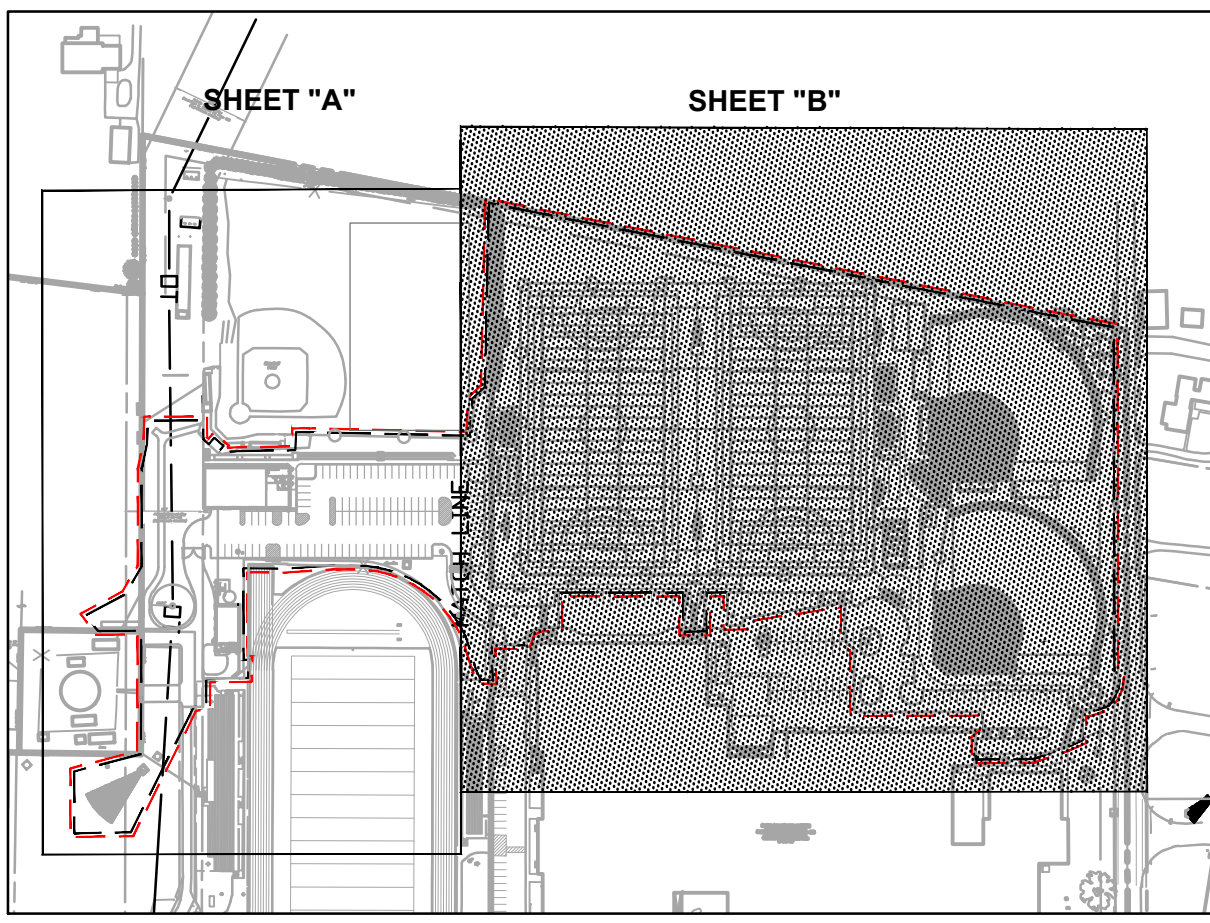
CONSTRUCTION EROSION CONTROL PLAN 'B'

No.	DATE	DESCRIPTION
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2	04/29/26	NPDES SUBMISSION
3	05/14/26	DD PRICING

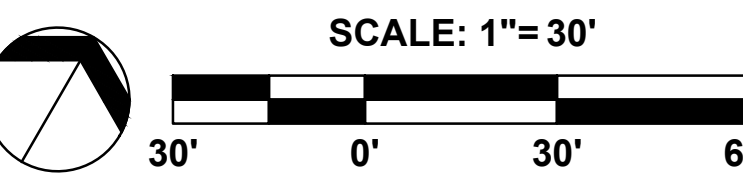
DATE	01/09/2025
PROJECT #	250540
DRAWN BY	JPL/DCC
PM	JFH
PIC	SBS

DRAWING NO.

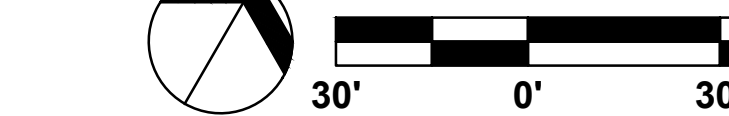
C-702.2



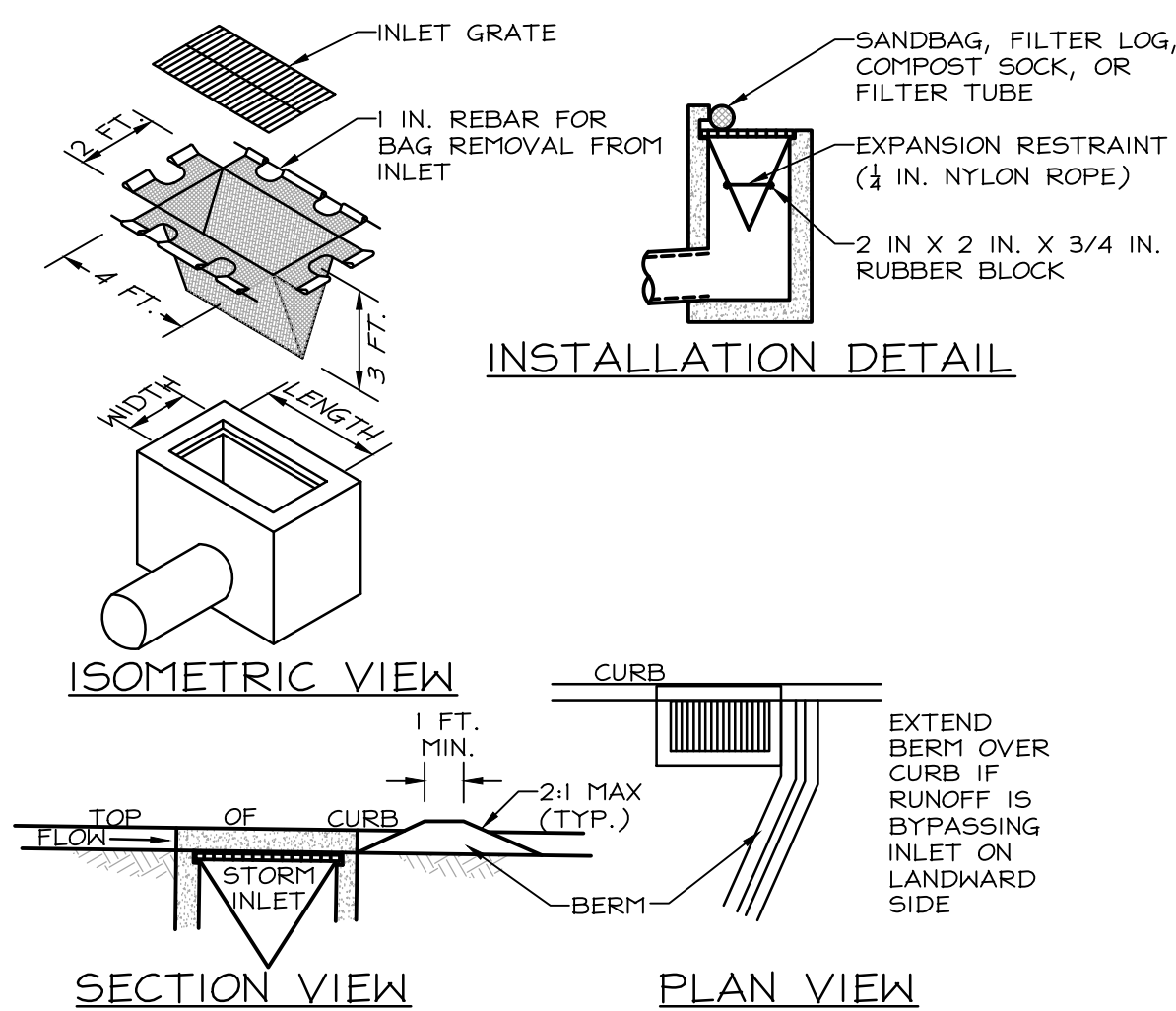
KEY MAP
N.T.S.



SCALE: 1"= 30'



FILE: P:\2025\250540 ELANDO SD - ATHLETICS CAMPUS\CAD\PROJECT CIVIL\ACTIVE CAD\PLAN-ESC-PROJING PLOTTED: 5/14/2026 2:24 PM



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

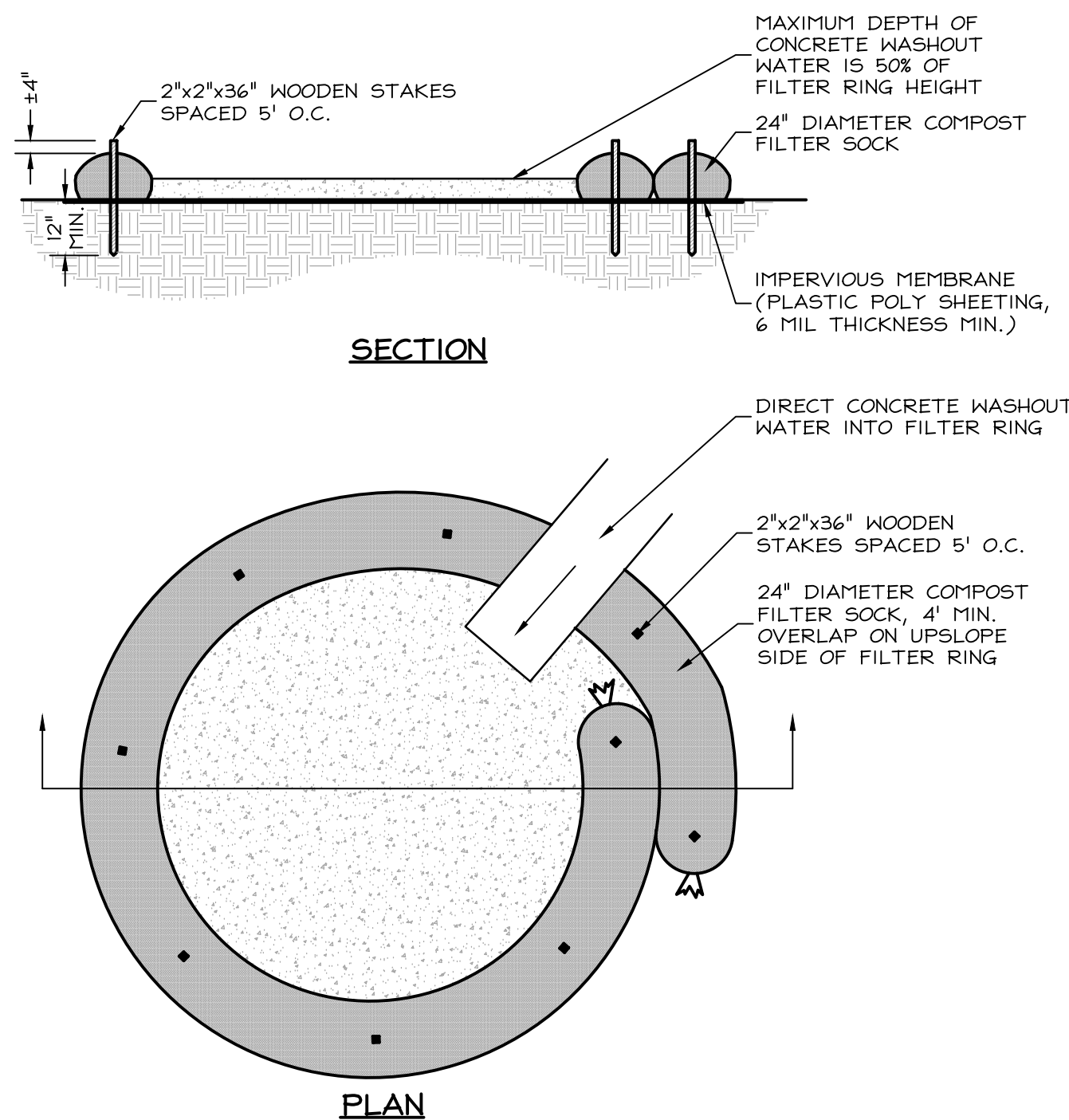
ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT. AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

STANDARD CONSTRUCTION DETAIL #4-15 FILTER BAG INLET PROTECTION - TYPE C INLET

NOT TO SCALE

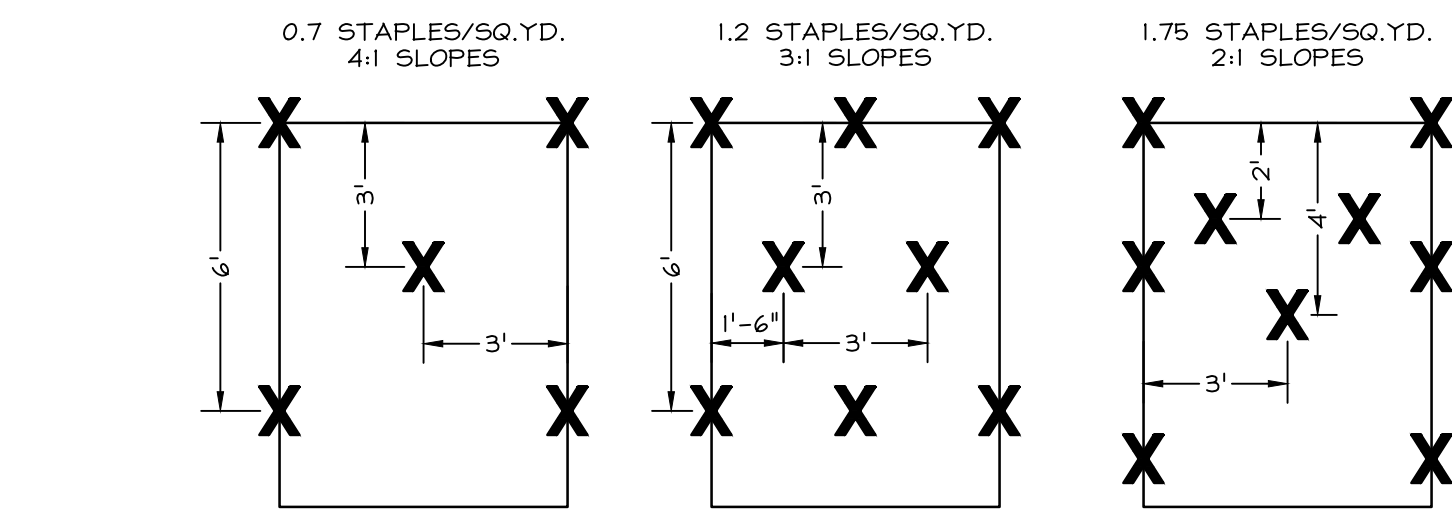


NOTES:

- INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
- 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.
- A SUITABLE IMPERVIOUS MEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

COMPOST FILTER SOCK WASHOUT INSTALLATION

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

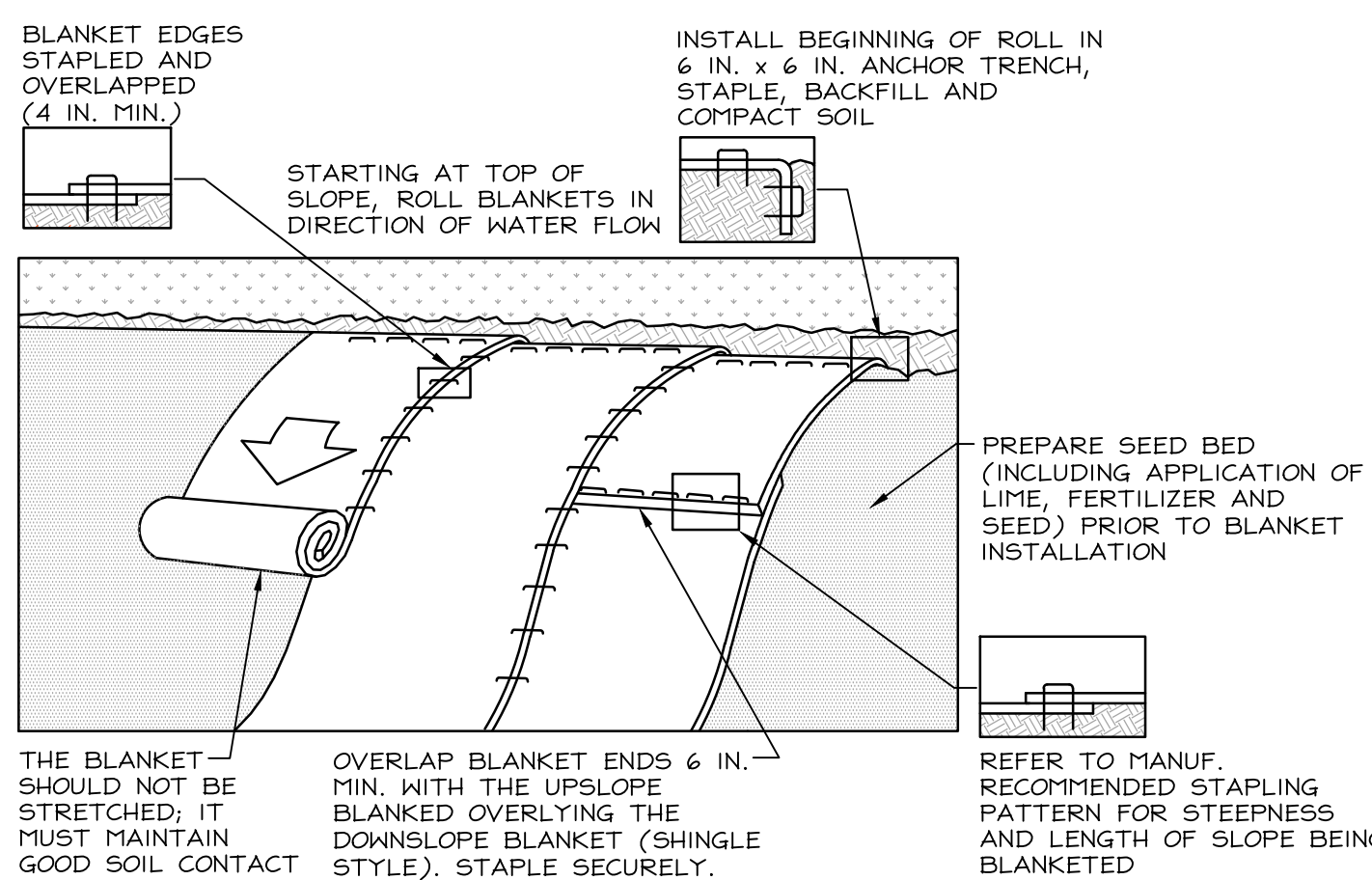


NOTES:

THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EROSION CONTROL BLANKET STAPLE PATTERN

NOT TO SCALE



NOTES:

SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.

PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.

SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.

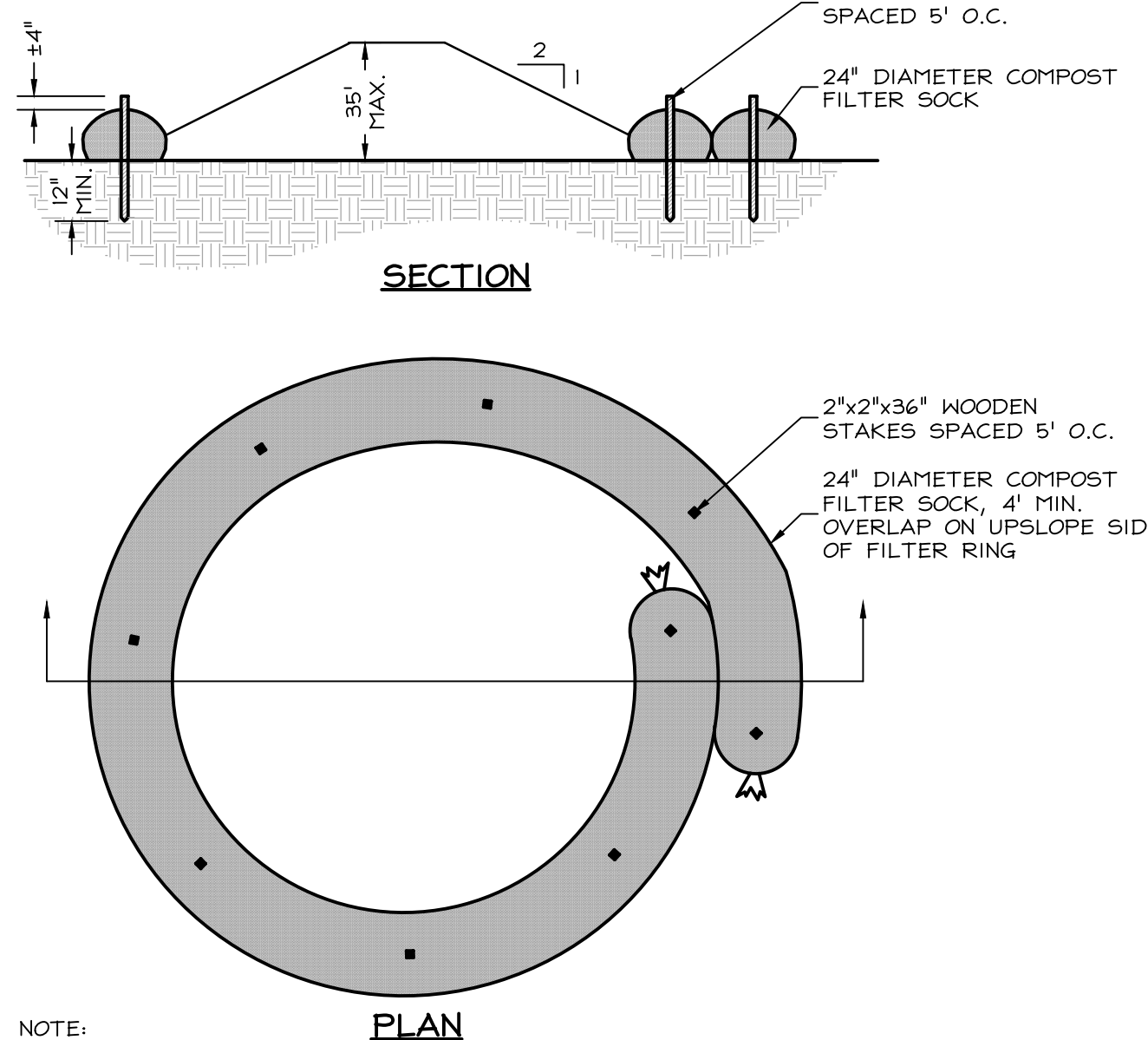
BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.

THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.

STANDARD CONSTRUCTION DETAIL #11-1 EROSION CONTROL BLANKET INSTALLATION

NOT TO SCALE



NOTE:

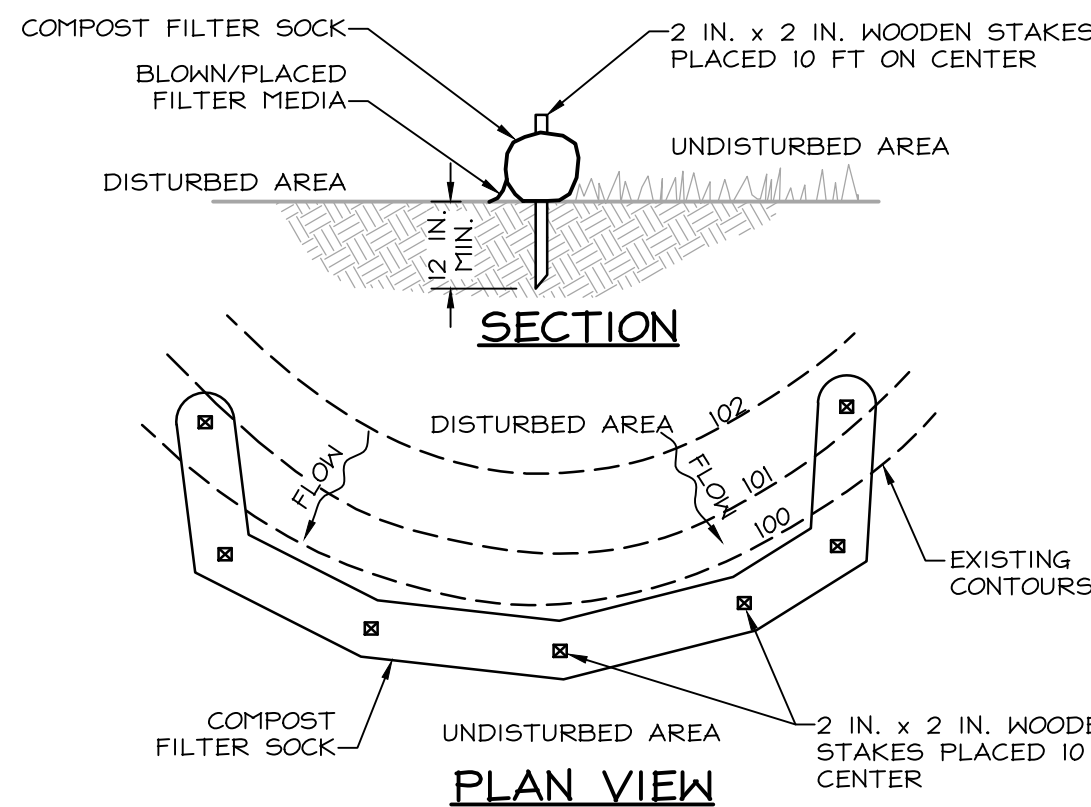
TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE LOCATION(S) SHOWN ON THE PLAN IN THE AMOUNT NECESSARY TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED IN THE MANNER SHOWN ON THE PLAN DRAWINGS. STOCKPILE HEIGHTS SHALL NOT EXCEED 35 FEET. STOCKPILE SLOPES SHALL BE 2H:1V OR FLATTER.

TEMPORARY TOPSOIL STOCKPILE INSTALLATION

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

Material Type	3 mil HDPE	5 mil HDPE	5 mil HDPE	Multi-Fluoropolymer (MFP)	Heavy Duty Multi-Fluoropolymer (HDMFP)
Material Characteristics	Photo-degradable	Photo-degradable	Biodegradable	Photo-degradable	Photo-degradable
Material Thickness	3 mil	5 mil	5 mil	3 mil	3 mil
Stock Diameter	12"	12"	12"	12"	12"
Mesh Opening	3/8"	3/8"	3/8"	3/8"	3/8"
Tensile Strength	22% at 1000 hrs.	22% at 1000 hrs.	22% at 1000 hrs.	100% at 1000 hrs.	100% at 1000 hrs.
Stability % Original Strength (ASTM D-168)	22% at 1000 hrs.	22% at 1000 hrs.	22% at 1000 hrs.	100% at 1000 hrs.	100% at 1000 hrs.
Minimum Longevity	6 months	9 months	6 months	1 year	2 years

Table 4.2 Compost Standards		
Organic Matter Content	25-100% (by weight basis)	
Organic Portion	Fibrous and Elongated	
pH	5.5 - 6.5	
Moisture Content	30% - 40%	
Particle Size	3% - 60% pass through 20" sieve	
Soluble Salt Concentration	90 (lbm) maximum	



NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 6 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

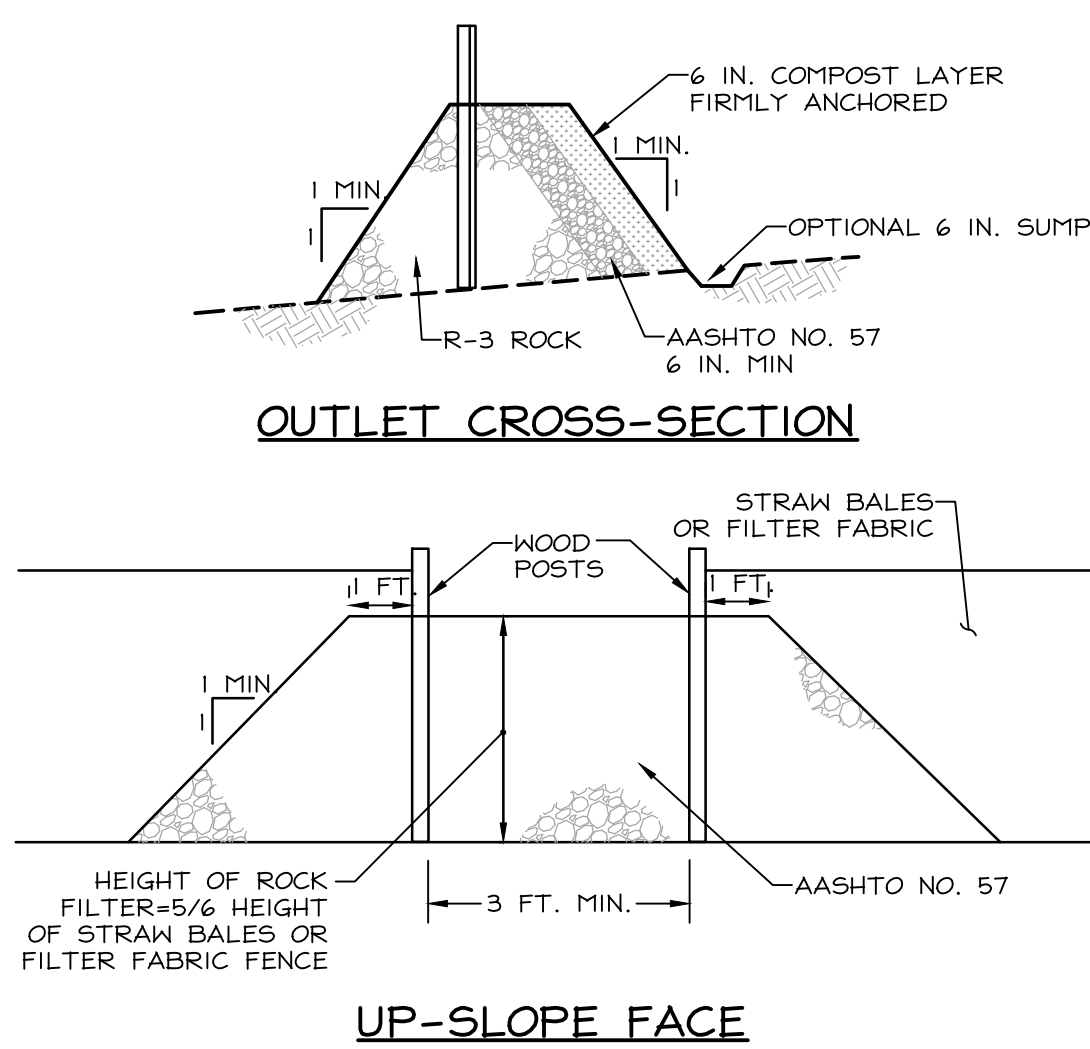
COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

STANDARD CONSTRUCTION DETAIL #4-1 COMPOST FILTER SOCK

NOT TO SCALE



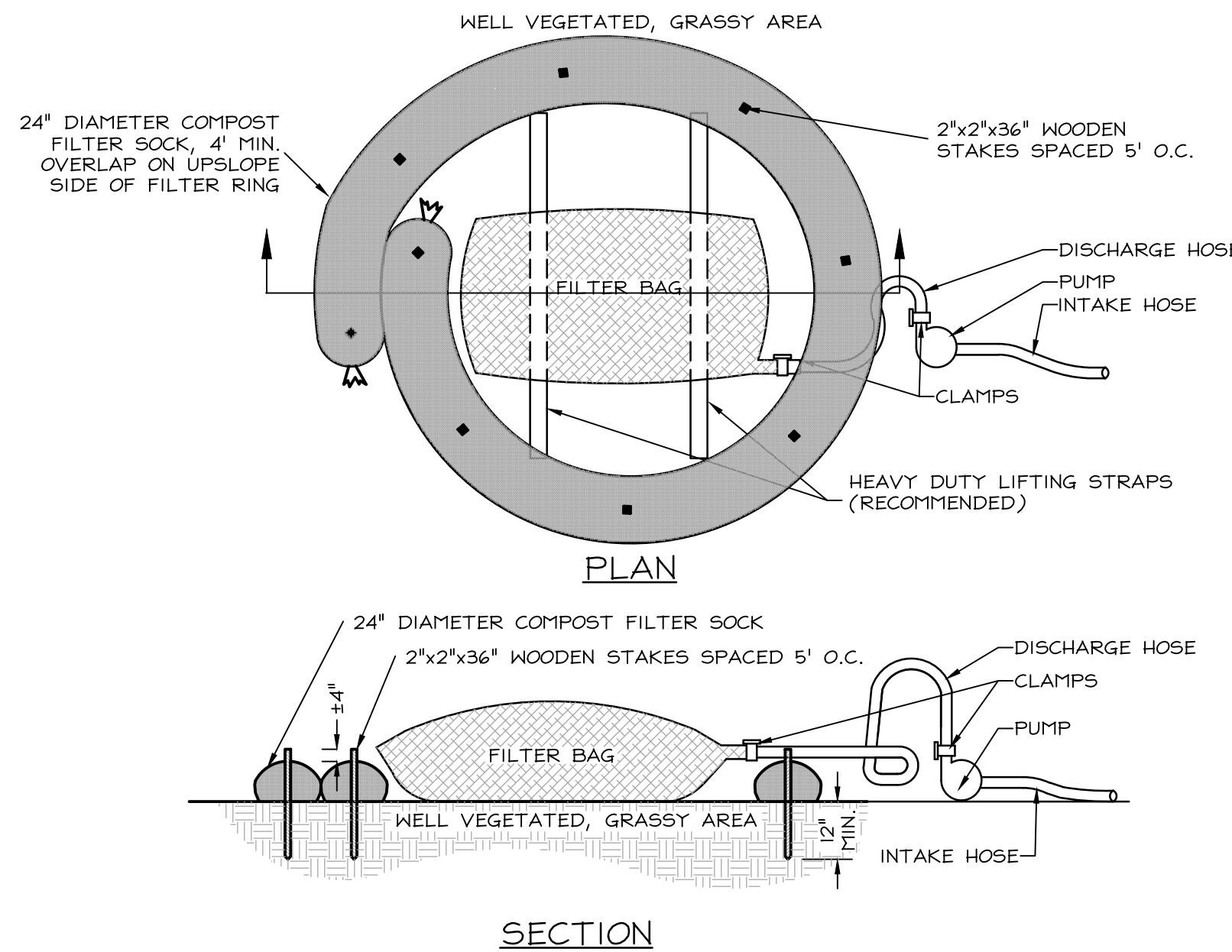
NOTES:

A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A COMPOST FILTER SOCK BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE.

SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.

ABACT ROCK FILTER OUTLET

NOT TO SCALE



NOTES:

LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM NOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. WIDE WIDTH	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4933	110 LB
HULLER BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
LOS % RETAINED	ASTM D-4751	80 SIEVE

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5% FOR SLOPES EXCEEDING 5%. CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS.

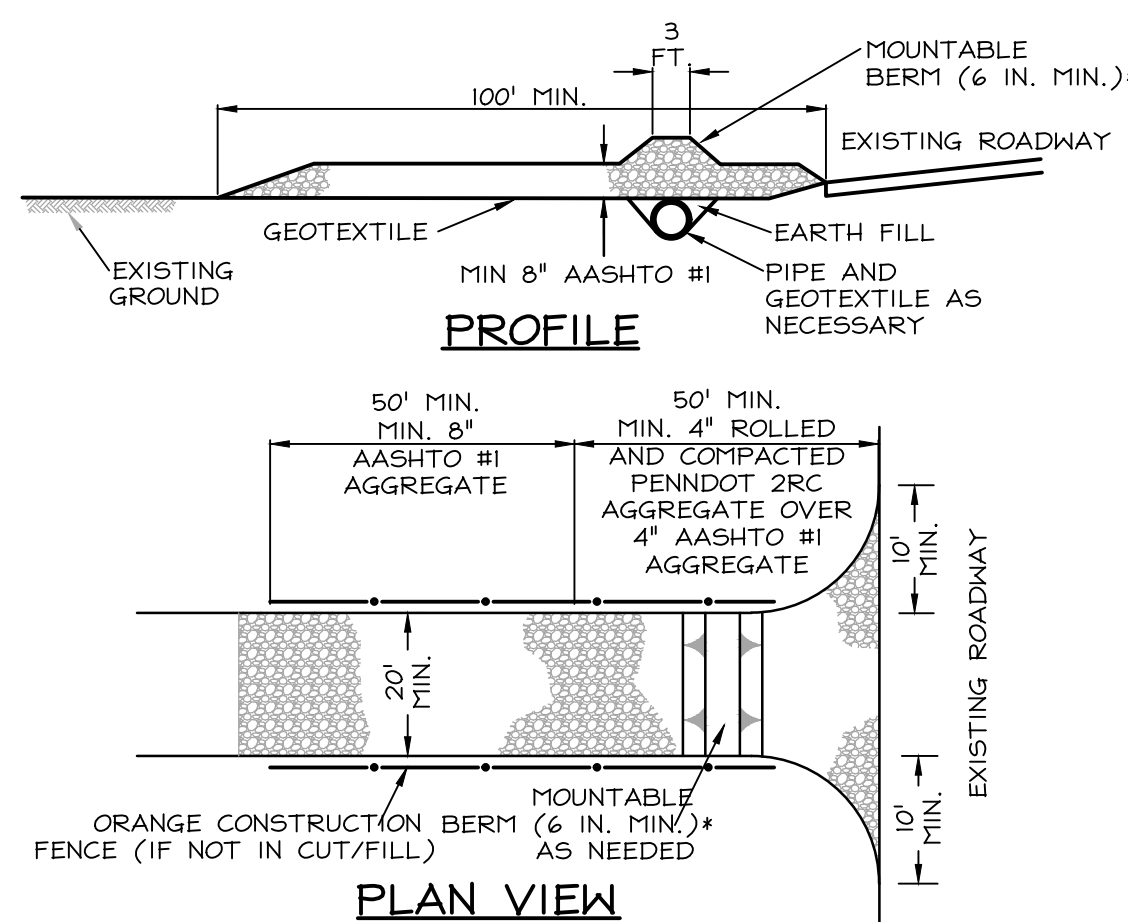
THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

ABACT PUMPED WATER FILTER BAG

NOT TO SCALE



* MOUNTABLE BERM USED TO PROVIDE PROPER COVER FOR PIPE AND/OR WHEN ACCESS SLOPES TOWARD ROAD

NOTES:

REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.

RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BNP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.

MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.

MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SHAKING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

ALTERNATIVE ABACT ROCK CONSTRUCTION ENTRANCE

NOT TO SCALE

RELEASES:

No.	DATE	DESCRIPTION
1	01/09/26	SCHEMATIC PRICING
2	04/29/26	NPDES SUBMISSION
3	05/14/26	DD PRICING