

COORDINATE BASKETBALL COURT PAVEMENT PAINT LAYOUT WITH BASKETBALL GOAL AND LINE MARKING INSTALLATION.

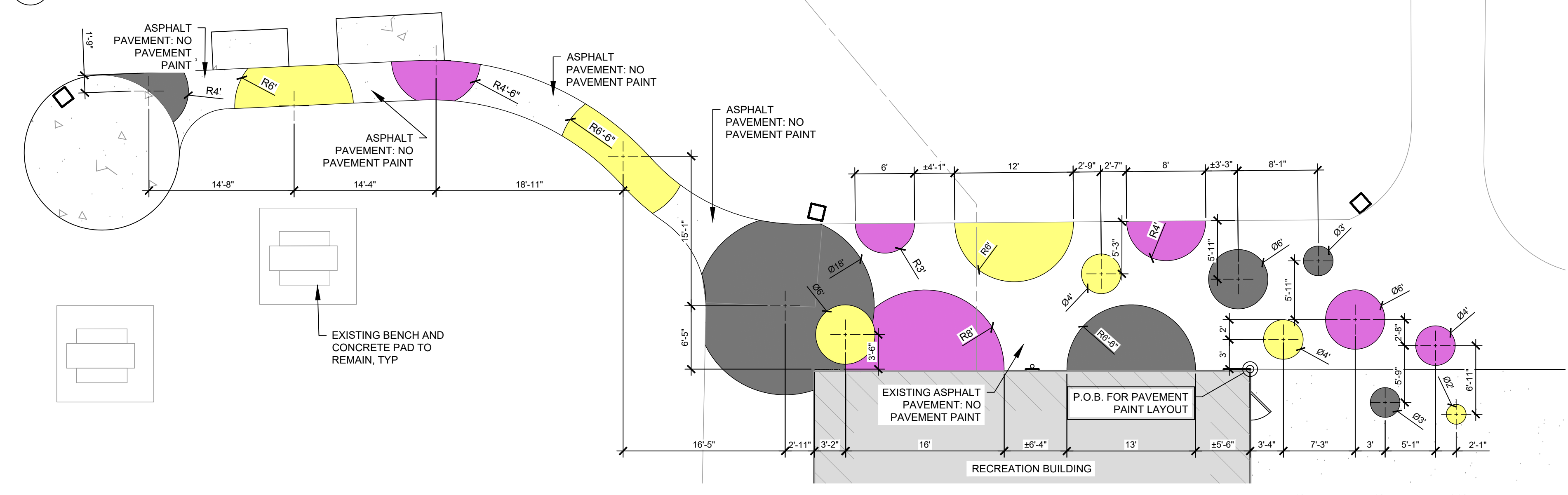
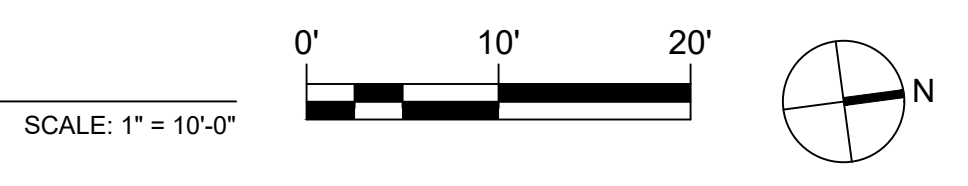
FIELD LIGHT. SEE LIGHTING AND ELECTRICAL DRAWINGS

P.O.B. FOR PAVEMENT PAINT LAYOUT. ALIGN WITH EDGES OF CONCRETE PAVEMENT SOUTH OF COURTS.

P.O.B. FOR GAME COURT LAYOUT

P.O.B. FOR SAFETY SURFACE LAYOUT

1 SAFETY SURFACE & PAVEMENT GRAPHICS LAYOUT PLAN



LEGEND

	1 L-501 ASPHALT PAVEMENT: NO PAVEMENT PAINT		PLANT BED / RAIN GARDEN
	PAVEMENT PAINT: COLOR 1. SEE SPECIFICATIONS		4 L-501 FLUSH CONCRETE CURB
	PAVEMENT PAINT: COLOR 2. SEE SPECIFICATIONS		1 L-503 DECORATIVE FENCE
	PAVEMENT PAINT: COLOR 3. SEE SPECIFICATIONS		4 L-503 CHAIN LINK FENCE
	6 L-501 POURED IN PLACE SAFETY SURFACE COLOR 1		OBJECT CENTERLINE
	6 L-501 POURED IN PLACE SAFETY SURFACE COLOR 2		POINT OF BEGINNING (P.O.B.)
	6 L-501 POURED IN PLACE SAFETY SURFACE COLOR 3		

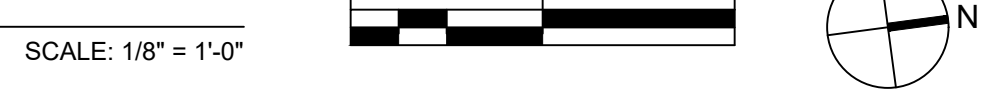
LAYOUT NOTES:

- SITE SURVEY DATA WAS PREPARED BY RODRIGUEZ CONSULTING, LLC. AND PROVIDED TO SALT DESIGN STUDIO ON AUGUST 16, 2019.
- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
- VERIFY DIMENSIONS AND ACCEPT CONDITIONS BEFORE PROCEEDING WITH ANY WORK. REPORT DISCREPANCIES TO LANDSCAPE ARCHITECT.
- THESE CONSTRUCTION DOCUMENTS MAKE NO REPRESENTATIONS AS TO THE MEANS AND METHODS OF CONSTRUCTION.
- DO NOT SCALE DRAWINGS; CONSULT LANDSCAPE ARCHITECT FOR ANSWERS TO ALL DIMENSIONAL QUESTIONS.
- CONTRACTOR TO OBTAIN THE LANDSCAPE ARCHITECT'S APPROVAL OF LAYOUT OF ALL SURFACE PATTERNING PRIOR TO INSTALLATION.
- DIMENSIONS ARE PROVIDED TO EDGE OF PAVEMENT, FRONT OF CURB, FACES OF WALLS, OBJECT CENTERLINE, EDGE OF SAFETY SURFACE COLOR, OR CENTER OR EDGE OF PAVEMENT PAINT OR UNLESS NOTED OTHERWISE.
- ELEMENTS SHALL BE PARALLEL OR PERPENDICULAR, UNLESS NOTED OTHERWISE.
- SEE L-402 FOR COURT STRIPING LAYOUT ON BASKETBALL COURTS.
- PAVEMENT PAINT COLORS ARE FOR GRAPHIC PURPOSES ONLY AND DO NOT REPRESENT EXACT COLOR SELECTIONS. SEE SPECIFICATIONS FOR SAFETY SURFACE AND PAVEMENT PAINT COLORS.

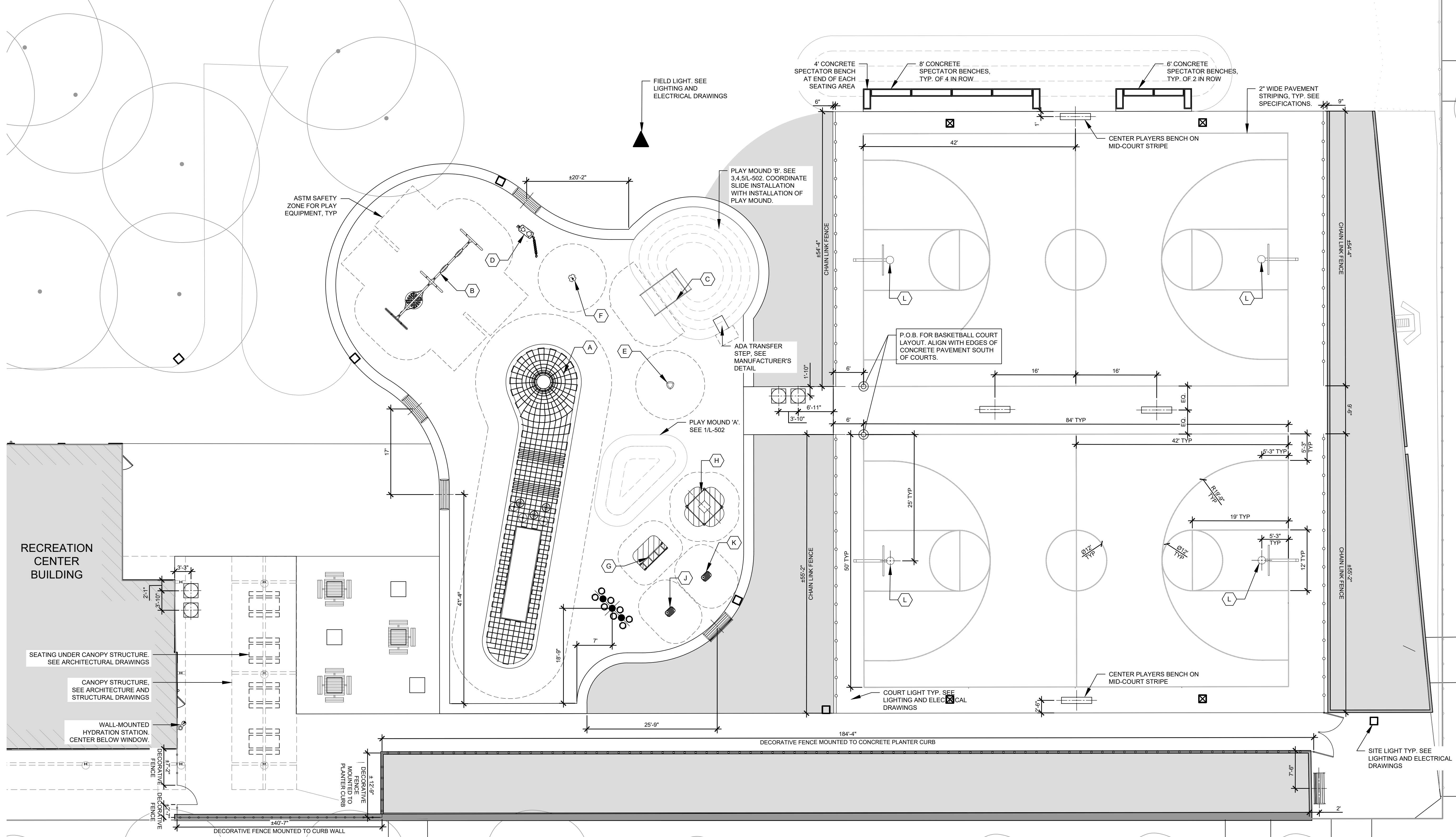
DEDUCT ALT:

- ORNAMENTAL FENCE FOR CHAIN LINK FENCE (BASED ON PPR STANDARDS)
- CONCRETE CURB AROUND PLAYGROUND
- FIELD LIGHTING INCLUDES ELECTRICAL CONDUIT, TRENCHING AND BACKFILL, POLES, AND FOUNDATION

2 PAVEMENT GRAPHICS LAYOUT PLAN - PICNIC PATH



REV	DATE	DESCRIPTION

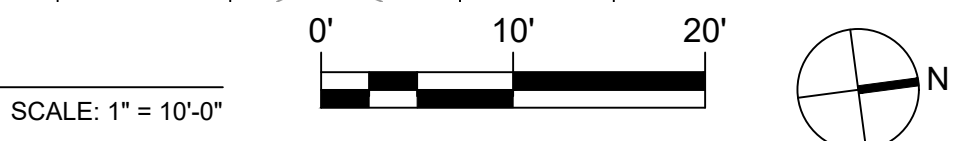


1 PLAYGROUND EQUIPMENT AND FURNISHINGS ENLARGEMENT PLAN

LEGEND	
	1 L-504 FIXED TABLE WITH BENCHES, 4 SEATS
	1 L-504 FIXED TABLE WITH BENCHES, 3 SEATS
	2 L-504 BACKLESS BENCH
	2 L-504 BACKED BENCH
	3 L-504 PLAYERS BENCH
	CONCRETE SPECTATOR BENCH, LENGTH VARIES, SEE PLAN
	4 L-501 BASKETBALL GOAL
	1 L-503 DECORATIVE FENCE
	4 L-503 CHAIN LINK FENCE
	3 L-503 DECORATIVE GATE - DOUBLE
	2 L-503 DECORATIVE GATE - SINGLE
	5 L-504 TRASH AND RECYCLING RECEPTACLES
	9 L-501 CONCRETE PLANTER CURB
	4 L-501 FLUSH CONCRETE CURB
	7/8 L-501 CONCRETE CURB WALL
	COURT STRIPING
	OBJECT CENTERLINE
	ASTM SAFETY ZONE FOR PLAY EQUIPMENT
	PLANT BED / RAIN GARDEN
	WALL-MOUNTED HYDRATION STATION

- LAYOUT NOTES:**
- SITE SURVEY DATA WAS PREPARED BY RODRIGUEZ CONSULTING, LLC, AND PROVIDED TO SALT DESIGN STUDIO ON AUGUST 16, 2019.
 - ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
 - VERIFY DIMENSIONS AND ACCEPT CONDITIONS BEFORE PROCEEDING WITH ANY WORK. REPORT DISCREPANCIES TO LANDSCAPE ARCHITECT.
 - THESE CONSTRUCTION DOCUMENTS MAKE NO REPRESENTATIONS AS TO THE MEANS AND METHODS OF CONSTRUCTION.
 - DO NOT SCALE DRAWINGS; CONSULT LANDSCAPE ARCHITECT FOR ANSWERS TO ALL DIMENSIONAL QUESTIONS.
 - CONTACT UTILITY COMPANIES AS REQUIRED BY STATE AND LOCAL REGULATIONS BEFORE DIGGING TO LOCATE AND MARK EXISTING UTILITIES.
 - CONTRACTOR TO OBTAIN THE LANDSCAPE ARCHITECT'S APPROVAL OF LAYOUT OF ALL SITE IMPROVEMENTS PRIOR TO INSTALLATION.
 - DIMENSIONS ARE PROVIDED TO EDGE OF PAVEMENT, FRONT OR FACE OF CURB, FACES OF WALLS, OR OBJECT CENTERLINE, UNLESS NOTED OTHERWISE.
 - ELEMENTS SHALL BE PARALLEL OR PERPENDICULAR, UNLESS NOTED OTHERWISE.
 - SEE EQUIPMENT SCHEDULE ON SHEET L-104 FOR EQUIPMENT DESIGNATIONS AND SITE FURNISHINGS AND EQUIPMENT SCHEDULES.
 - SEE STRUCTURAL ENGINEERING DRAWINGS FOR PLAY EQUIPMENT FOUNDATIONS.
 - VERIFY LAYOUT OF PLAYGROUND AND ADULT FITNESS EQUIPMENT WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL FURNISHING AND EQUIPMENT FOUNDATIONS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL IN COORDINATION WITH FURNISHING AND EQUIPMENT MANUFACTURER'S PRIOR TO INSTALLATION.**
 - SEE 6/L-502 FOR LAYOUT OF CONCRETE SPECTATOR BENCHES AT SPECTATOR BERM.
 - COORDINATE BASKETBALL COURT PAVEMENT PAINT LAYOUT WITH BASKETBALL GOAL AND LINE MARKING INSTALLATION.

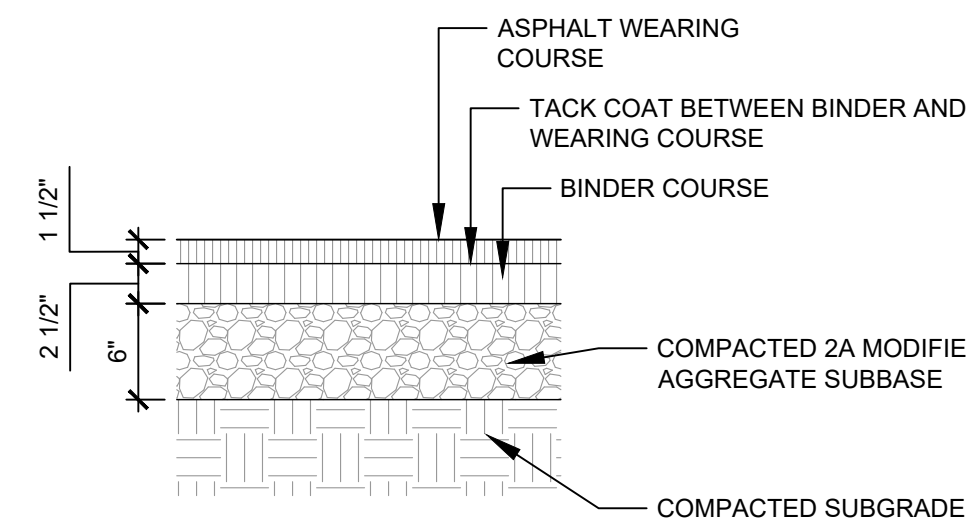
DEDUCT ALT:
 • ORNAMENTAL FENCE FOR CHAIN LINK FENCE (BASED ON PPR STANDARDS)
 • CONCRETE CURB AROUND PLAYGROUND
 • FIELD LIGHTING INCLUDES ELECTRICAL CONDUIT, TRENCHING AND BACKFILL, POLES, AND FOUNDATION



SEAL:

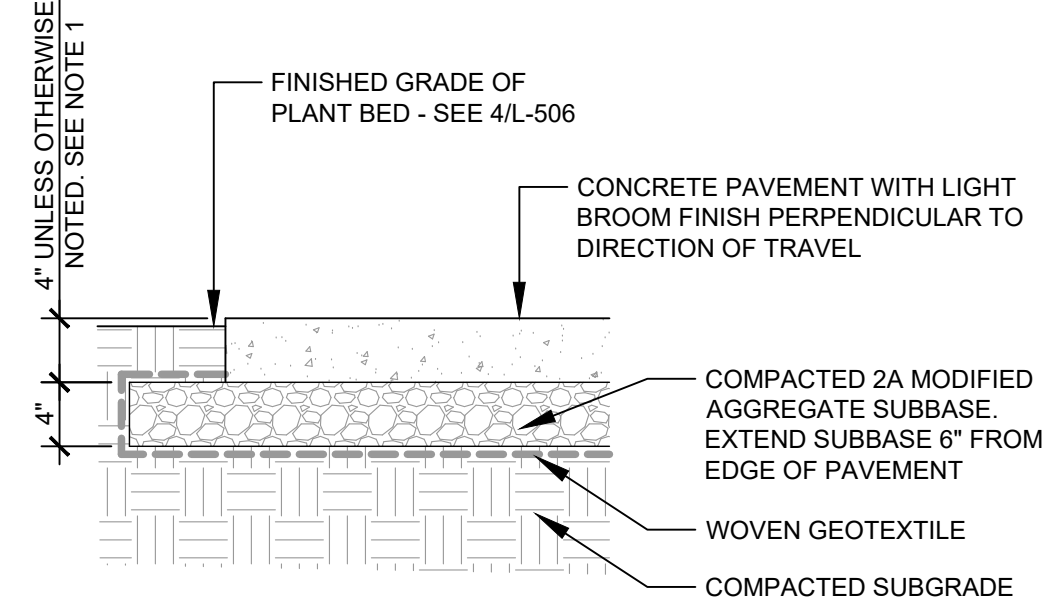
REV	DATE	DESCRIPTION

- NOTE:
1. AGGREGATE SUBBASE DEPTH VARIES AT SUBSURFACE STORMWATER SYSTEM. COORDINATE WITH CIVIL ENGINEER'S DRAWINGS AND PWD GSI DRAWINGS.
2. SEE L-401 AND SPECIFICATIONS FOR PAINTED ASPHALT PAVEMENT.



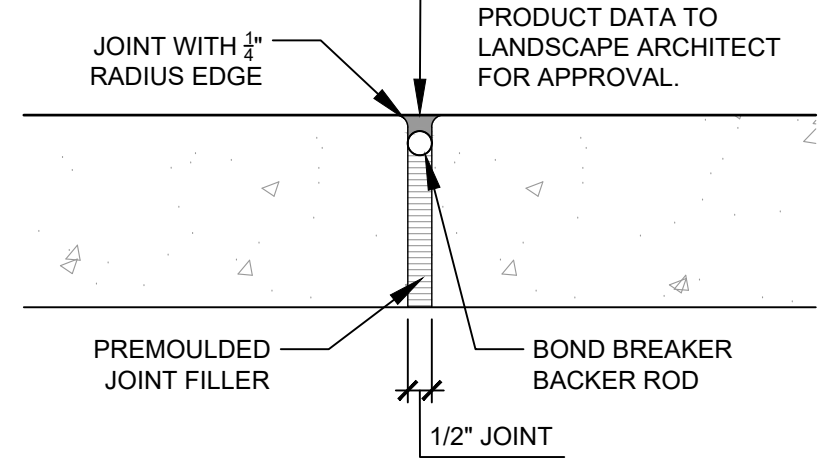
1 ASPHALT PAVEMENT SCALE: 1" = 1'-0"

- NOTES:
1. CONCRETE PAVEMENT SHALL BE 4" THICK, WITH EXCEPTION OF CONCRETE PAVEMENT ON WEST SIDE OF BASKETBALL COURT AND CONCRETE BENCH PAD NEAR PICNIC TABLES. CONCRETE PAVEMENT SHALL BE 5" THICK IN THESE LOCATIONS. SEE L-103 FOR LOCATIONS.
4" UNLESS OTHERWISE NOTED. SEE NOTE 1



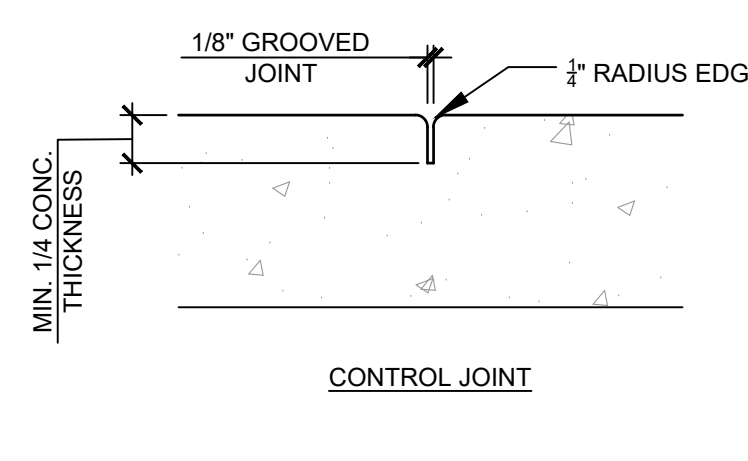
2 CONCRETE PAVEMENT SCALE: 1" = 1'-0"

- GENERAL JOINTING NOTES:
1. FORM GROOVED CONTROL JOINTS.
2. PROVIDE 1/8" RADIUS AT EDGE OF ALL PAVEMENTS WITH EDGING TOOL.
3. IN ADDITION TO WHERE DESCRIBED AND SHOWN ON DETAILS, EXPANSION JOINTS SHALL OCCUR WHERE NEW CONCRETE PAVEMENT MEETS ALL CURBS, WALLS, PAVEMENTS, AND EXISTING SITE ELEMENTS. MAX SPACING FOR EXPANSION JOINTS IS 40' O.C. CONTRACTOR SHALL SUBMIT PRODUCT DATA FOR EACH TYPE OF JOINT SEALANT AND EXPANSION JOINT PRODUCT INDICATED. PROVIDE JOINT SEALANT SAMPLES IN 3/4" WIDE JOINTS FORMED BETWEEN TWO 6" LONG STRIPS OF MATERIAL MATCHING THE APPEARANCE OF EXPOSED SURFACES ADJACENT TO JOINT SEALANTS.
5. INSTALL JOINT SEALANT PER MANUFACTURER'S INSTRUCTIONS.

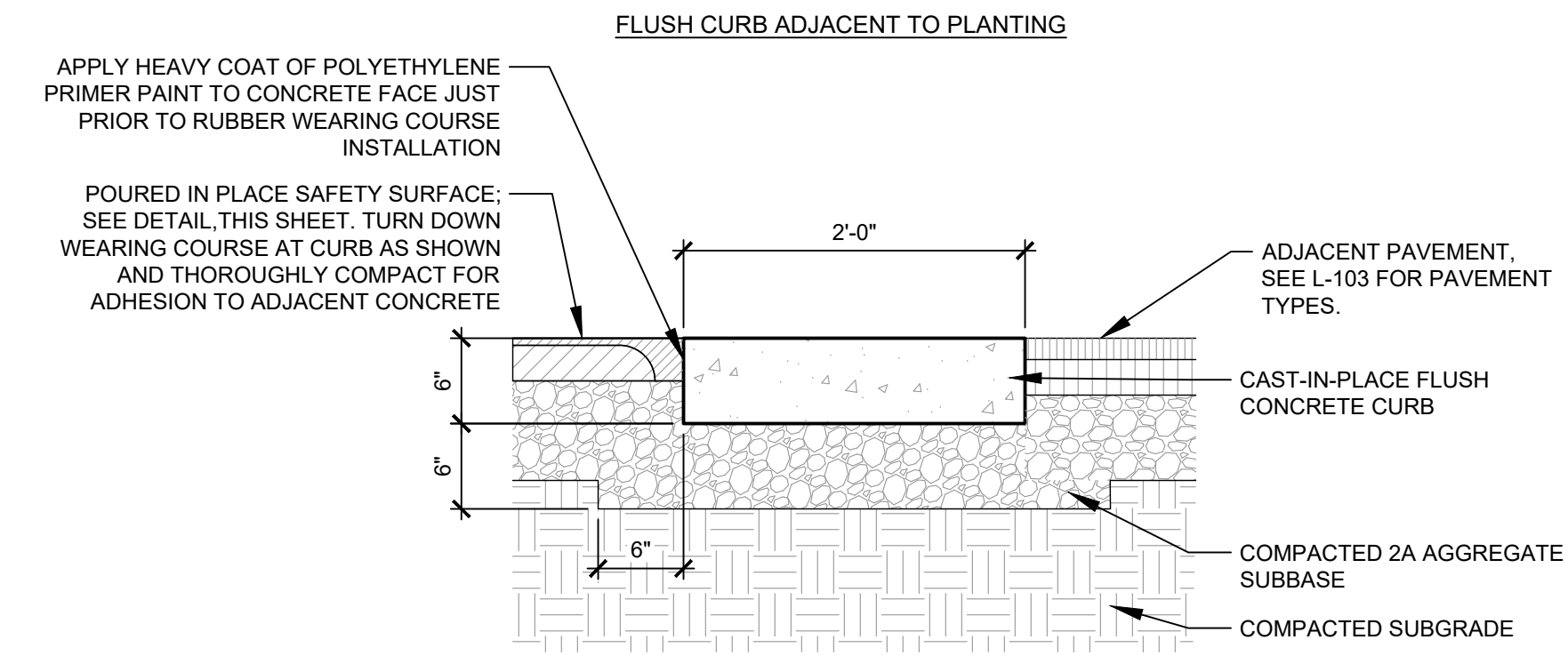
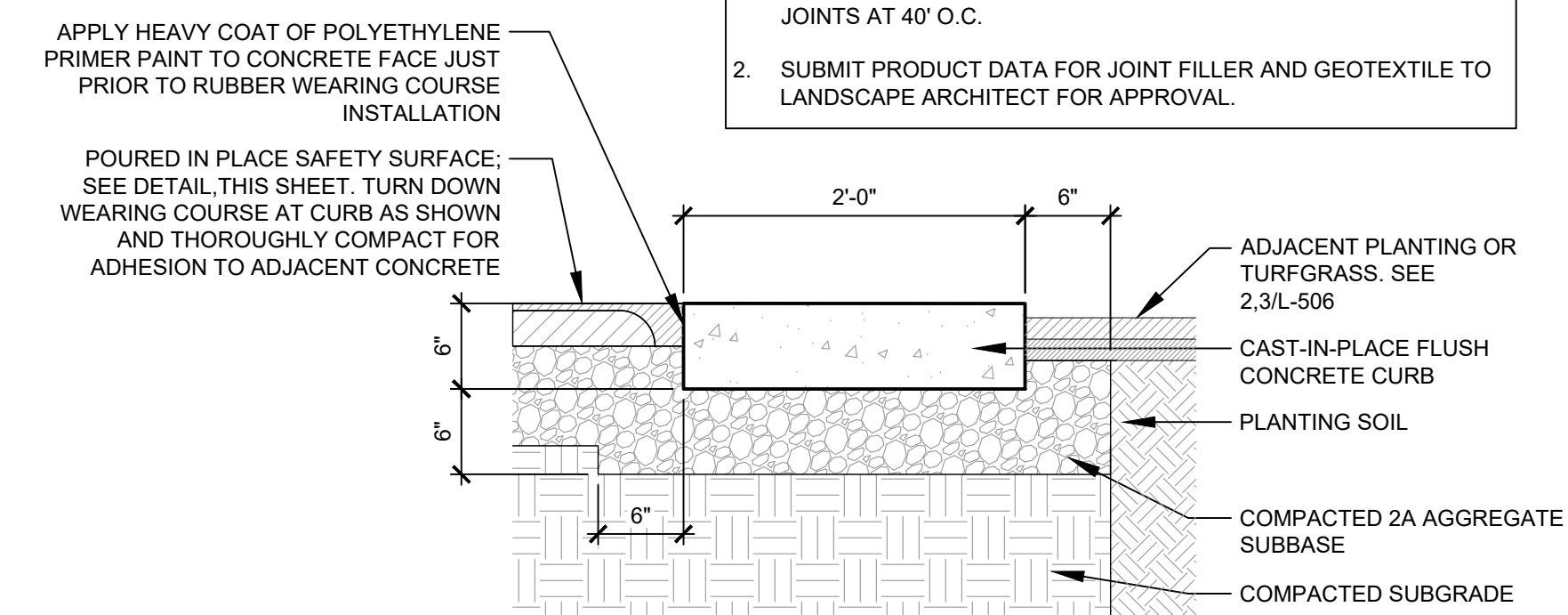


3 CONCRETE PAVEMENT JOINTS SCALE: 3" = 1'-0"

- JOINT SPACING NOTES:
1. PROVIDE CONTROL JOINTS AS SHOWN ON DRAWINGS. JOINTS SHALL BE PERPENDICULAR TO PAVEMENT EDGES AND SHALL ALIGN WITH JOINTING OF ADJACENT PAVED SURFACES. CONTRACTOR SHALL INCLUDE JOINTING PATTERN AS PART OF MOCK-UP FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.
1/8" GROOVED JOINT, 1/2" RADIUS EDGE, MIN. 1/4" CONC. THICKNESS

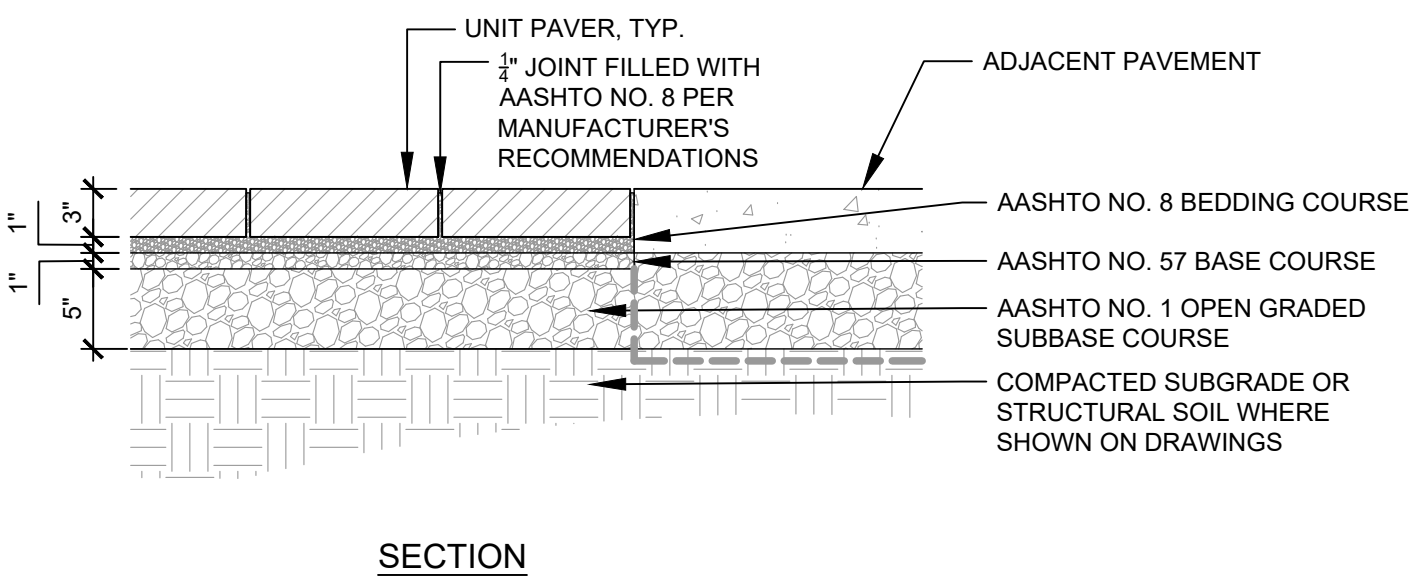


- FLUSH CONCRETE CURB NOTES:
1. INSTALL CURB CONTROL JOINTS AT 8' O.C. AND EXPANSION JOINTS AT 40' O.C.
2. SUBMIT PRODUCT DATA FOR JOINT FILLER AND GEOTEXTILE TO LANDSCAPE ARCHITECT FOR APPROVAL.

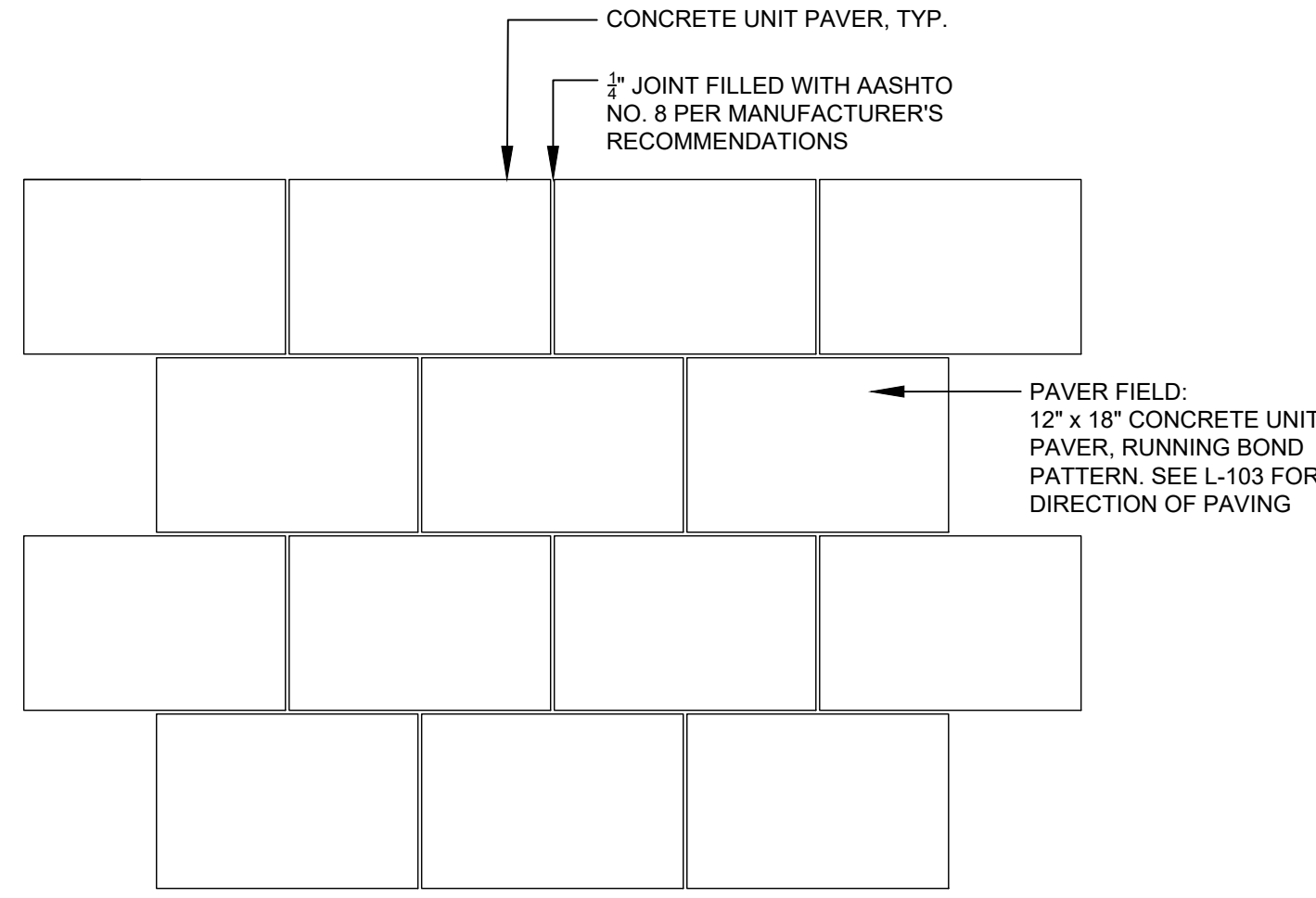


4 FLUSH CONCRETE CURB SCALE: 1" = 1'-0"

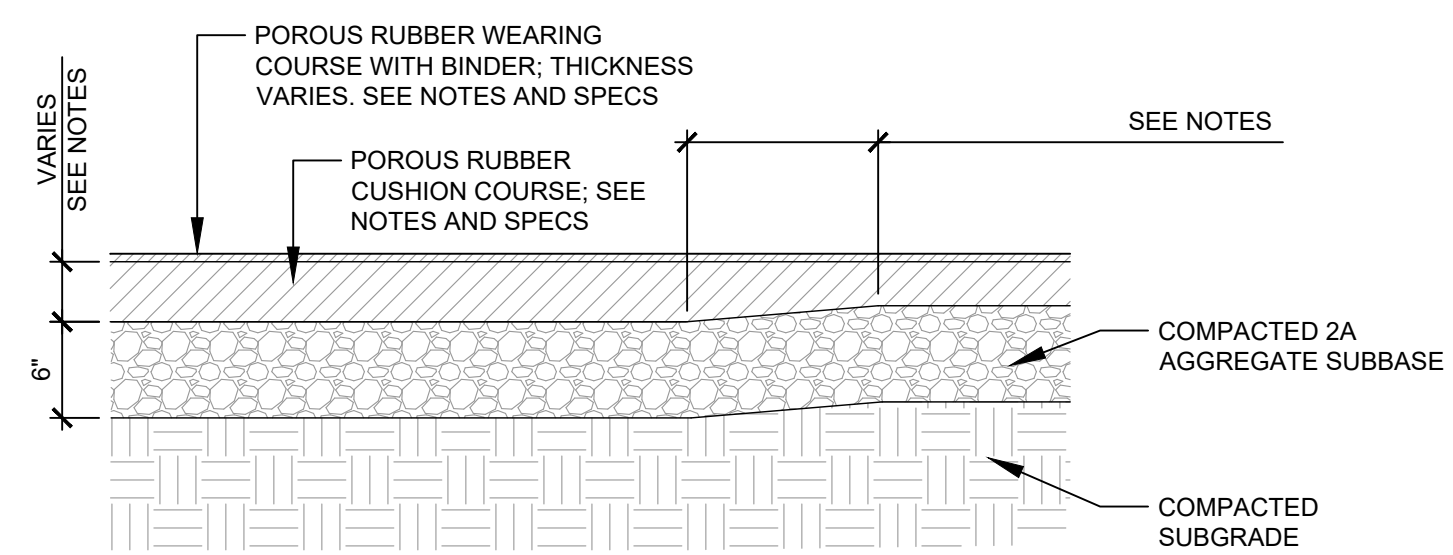
- PERMEABLE UNIT PAVING NOTES:
1. CONTRACTOR SHALL SUBMIT ALL PRODUCT DATA AND SAMPLES OF ALL MATERIALS RELATED TO UNIT PAVER INSTALLATION, INCLUDING PAVES SAMPLE AND JOINT MATERIALS, FOR VERIFICATION AND APPROVAL BY LANDSCAPE ARCHITECT.
2. UNIT PAVER SHALL BE PERMEABLE 12 X 18" AS MANUFACTURED BY HANOVER ARCHITECTURAL PRODUCTS. COLOR: TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER'S STANDARD RANGE.
3. INSTALL PAVERS PER MANUFACTURER'S INSTRUCTIONS. PROTECT PAVES SURFACE WITH URETHANE SCUFF PAD DURING COMPACTION.
4. CONTRACTOR SHALL MOCK-UP MIN. 6' X 6' AREA OF PAVERS FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT. PAVES PATTERN SHALL BE LINEAR RUNNING BOND.
5. CUT UNIT PAVERS WITH MOTOR-DRIVEN MASONRY SAW EQUIPMENT TO PROVIDE CLEAN, SHARP, UNCHIPPED EDGES. USE FULL UNITS WITHOUT CUTTING WHEN POSSIBLE.
6. AREAS WHERE CUT PAVERS WILL BE LESS THAN 4" IN ANY DIMENSION MUST BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
7. DO NOT USE PAVERS WITH CHIPS, CRACKS, VOIDS, DISCOLORATIONS, OR OTHER DEFECTS THAT MIGHT BE VISIBLE IN FINISHED WORK.
8. DO NOT EXCEED 1/4" UNIT-TO-UNIT OFFSET FROM FLUSH (LIPPAGE) OR INDICATED SLOPE FOR FINISHED SURFACE OF PAVING.



5 PERMEABLE UNIT PAVING SCALE: 1" = 1'-0"

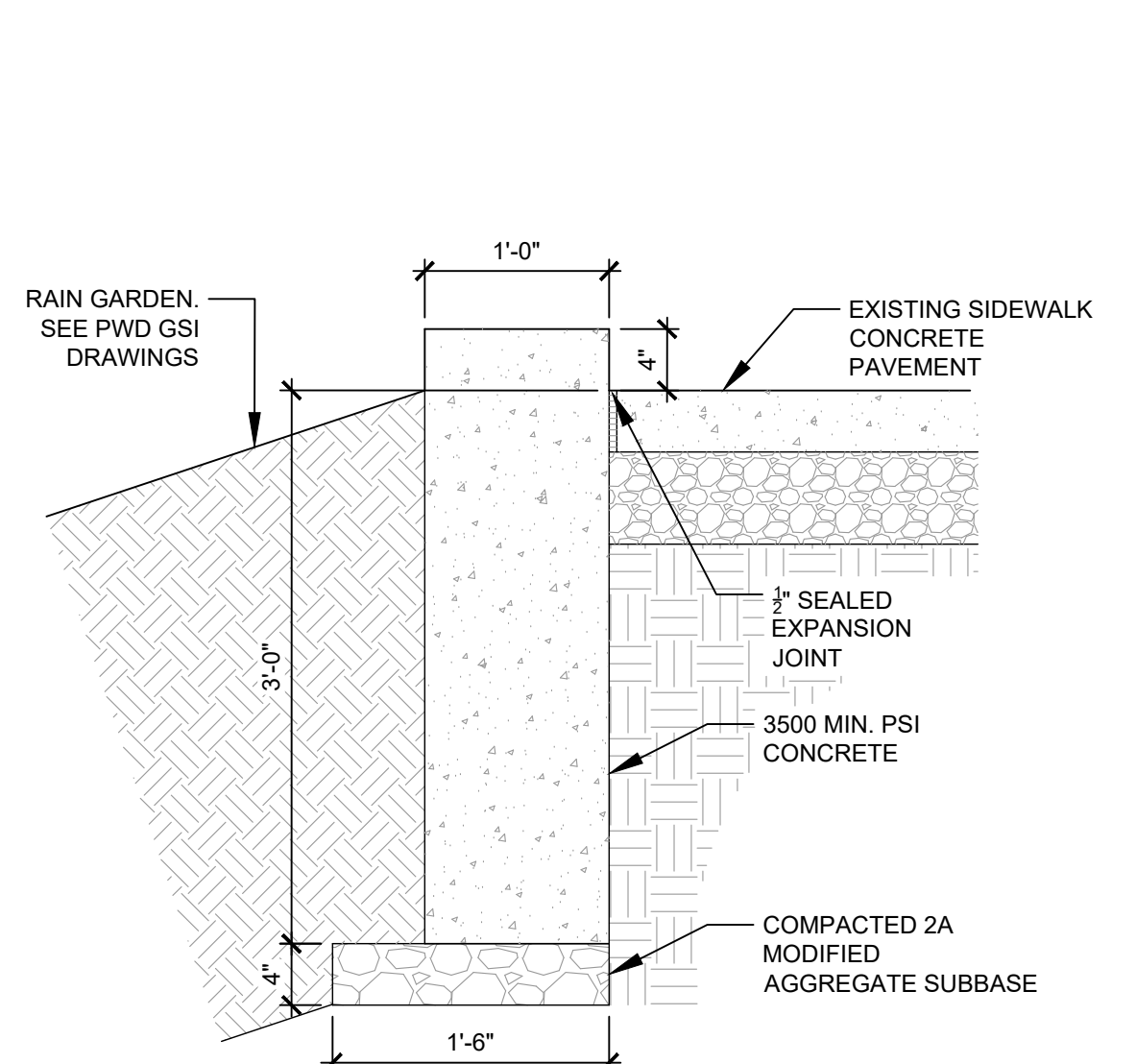


PLAN

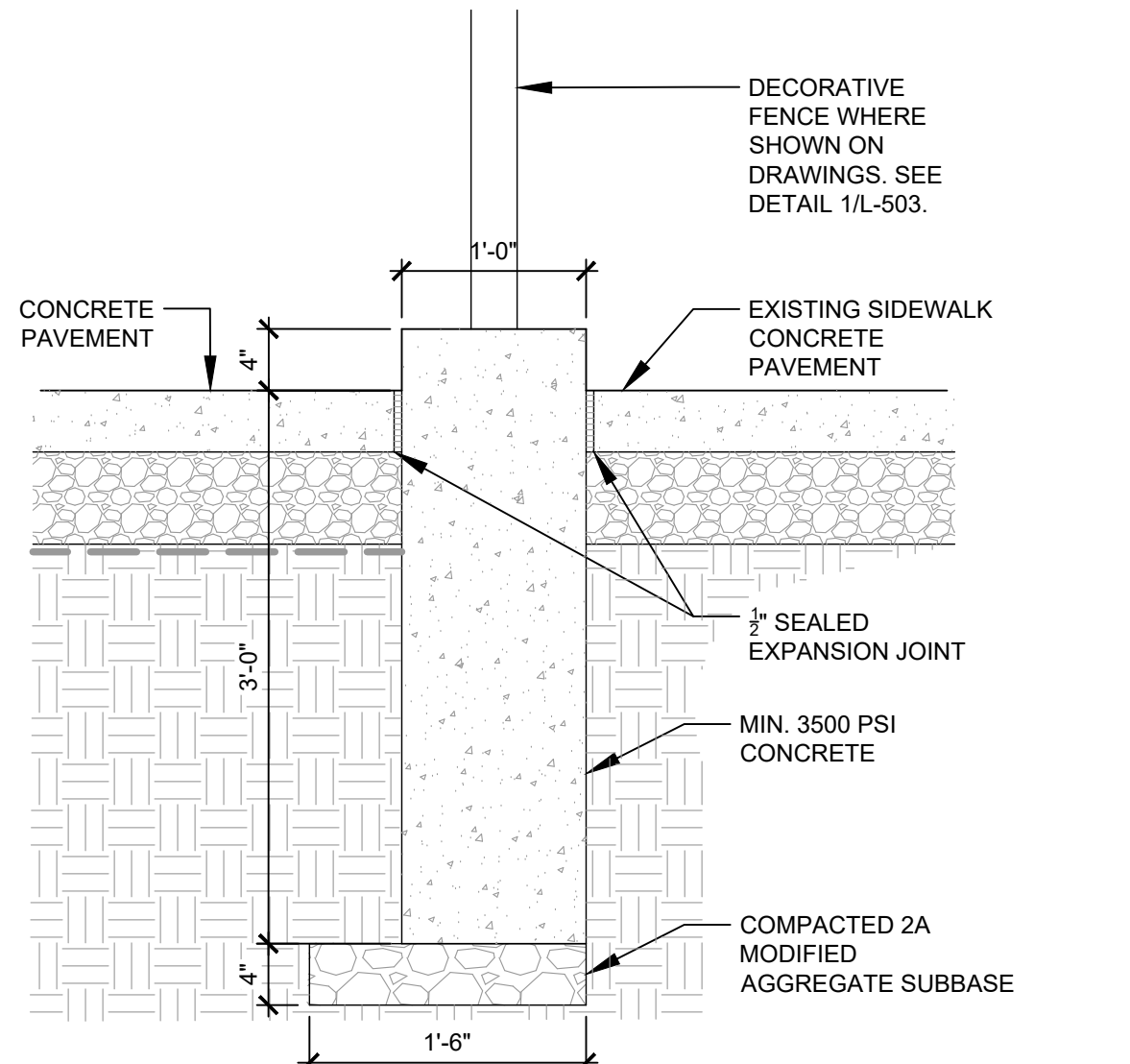


6 POURED IN PLACE SAFETY SURFACE SCALE: 1" = 1'-0"

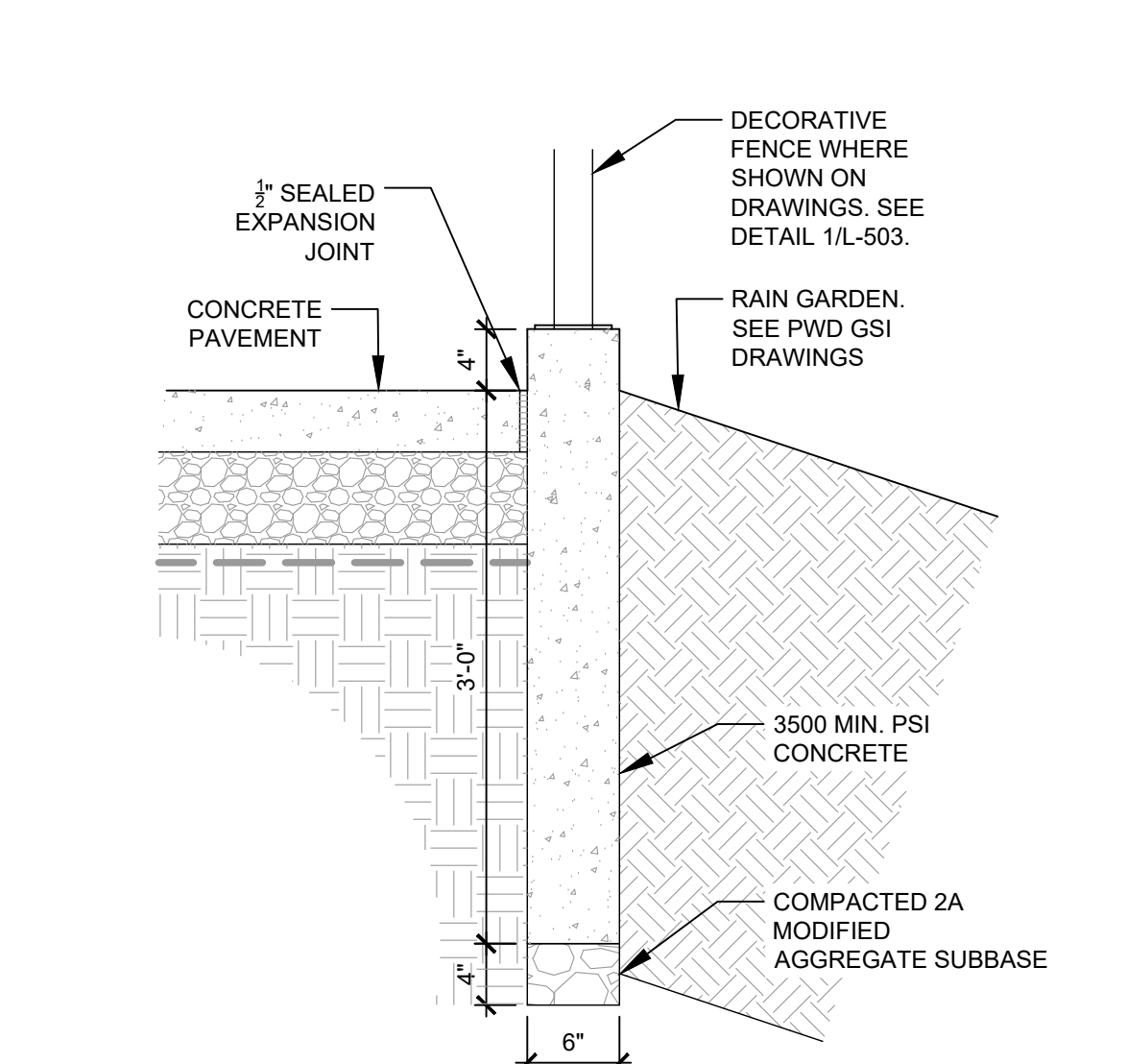
- NOTES:
1. WEARING COURSE THICKNESS:
1.1. 1/2" STANDARD THICKNESS, MIN.
1.2. 3/4" THICKNESS UNDER SWINGS, END OF SLIDES, PLAY EQUIPMENT ENTRANCES AND EXITS, AND AREAS OF INCREASED FOOT TRAFFIC; SEE PLANS FOR ASTM BUFFER AND CLEARANCE ZONES. REVIEW IN FIELD WITH LANDSCAPE ARCHITECT AND REPRESENTATIVE FROM PLAY EQUIPMENT MANUFACTURER.
2. CUSHION COURSE THICKNESS:
2.1. 1-1/4" CUSHION COURSE AT PLAY MOUNDS. SEE DETAILS 2/5 L-502.
2.2. 3-3/4" CUSHION COURSE AS SPECIFIED TO MEET OR EXCEED ASTM-F1487-11 AND ASTM-F1292-04 FOR FALL HEIGHTS AS DICTATED BY SPECIFIED PLAY EQUIPMENT.
2.3. INSTALLER TO PROVIDE SHOP DRAWINGS SHOWING DEPTH OF CUSHION COURSE ACROSS SURFACING FOR REVIEW BY LANDSCAPE ARCHITECT AND PLAY EQUIPMENT MANUFACTURER. 4-3/4" CUSHION COURSE REQUIRED AT WAVE PLAY PIECE AND ASSOCIATED ASTM SAFETY ZONE. SEE L-103 FOR EXTENTS.
3. AGGREGATE SUBBASE SHALL BE COMPACTED TO 95% STANDARD PROCTOR COMPACTION, PER ASTM REQUIREMENTS.
4. INSTALL POURED IN PLACE SAFETY SURFACE PER MANUFACTURER'S INSTRUCTIONS.



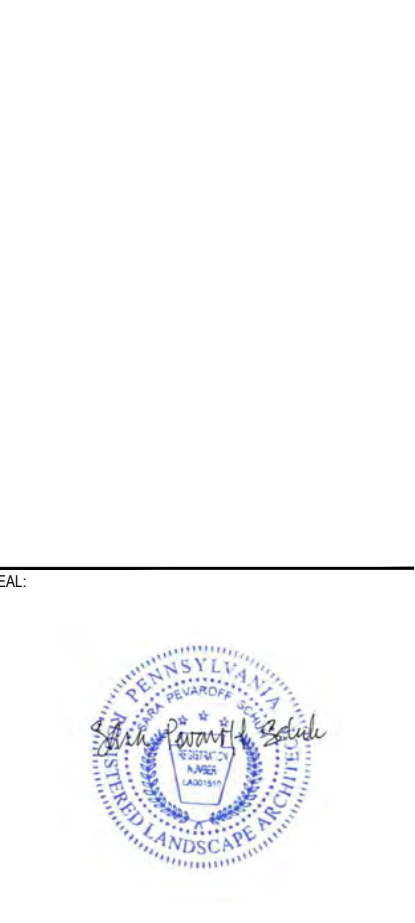
7 CONCRETE CURB WALL @ RAIN GARDEN SCALE: 1" = 1'-0"



8 CONCRETE CURB WALL @ SIDEWALK SCALE: 1" = 1'-0"

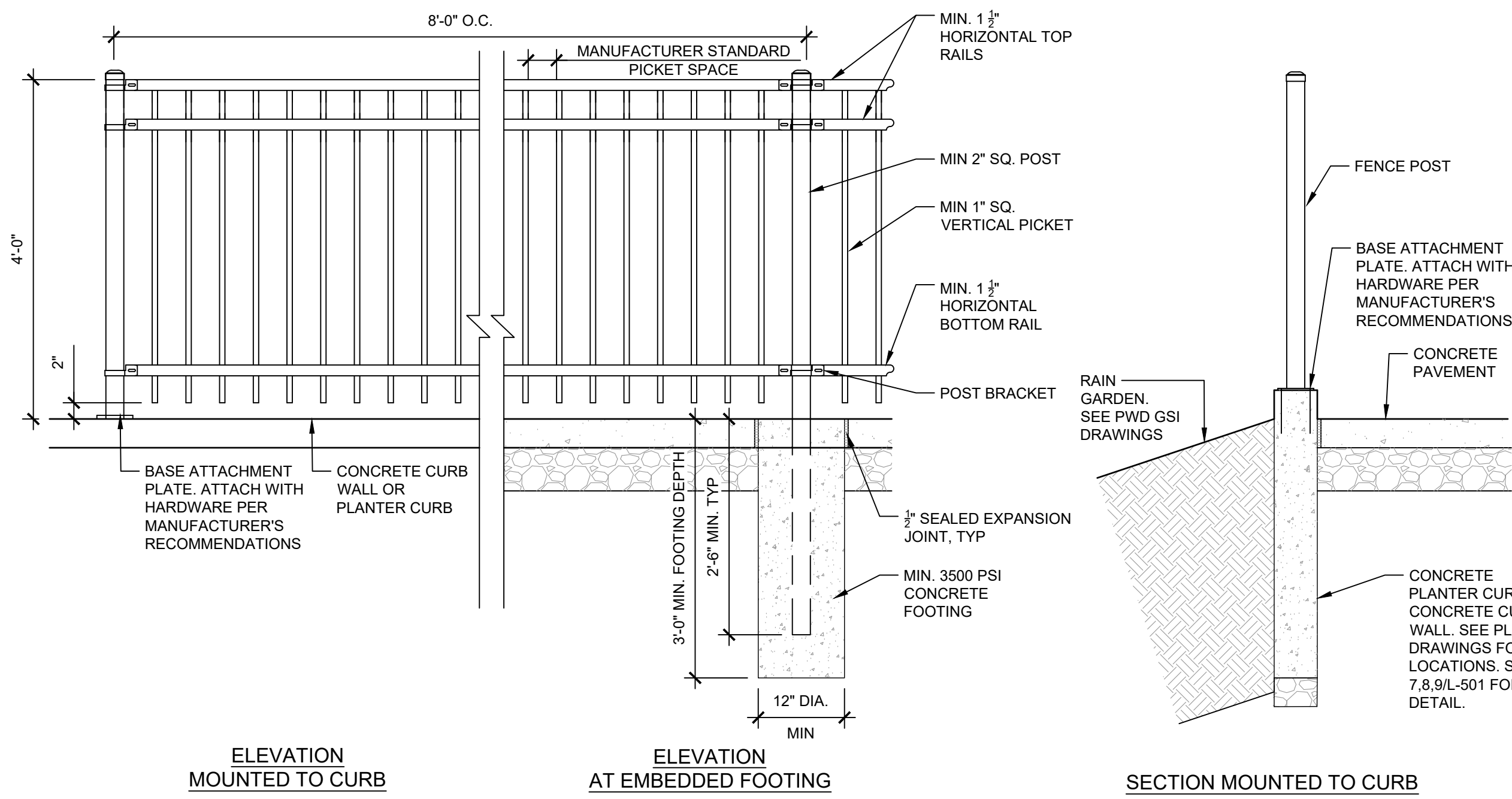


9 CONCRETE PLANTER CURB SCALE: 1" = 1'-0"



REV	DATE	DESCRIPTION

- DECORATIVE FENCE NOTES:**
1. BASIS OF DESIGN: AEGIS II INDUSTRIAL ORNAMENTAL FENCE, MAJESTIC STYLE, 3 RAIL FENCE AS MANUFACTURED BY AMERISTAR, OR APPROVED EQUAL.
 - 1.1. FENCING SHALL BE FROM APPROVED PPR FENCING MANUFACTURER. SEE SPECIFICATIONS.
 2. POSTS, RAILS, PICKETS AND HARDWARE SHALL BE STEEL. COLOR: BLACK.
 3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
 4. INSTALL FENCE PER MANUFACTURER'S INSTRUCTIONS.
 5. SEE PLAN DRAWINGS FOR LOCATIONS OR EACH CONDITION.



ELEVATION MOUNTED TO CURB

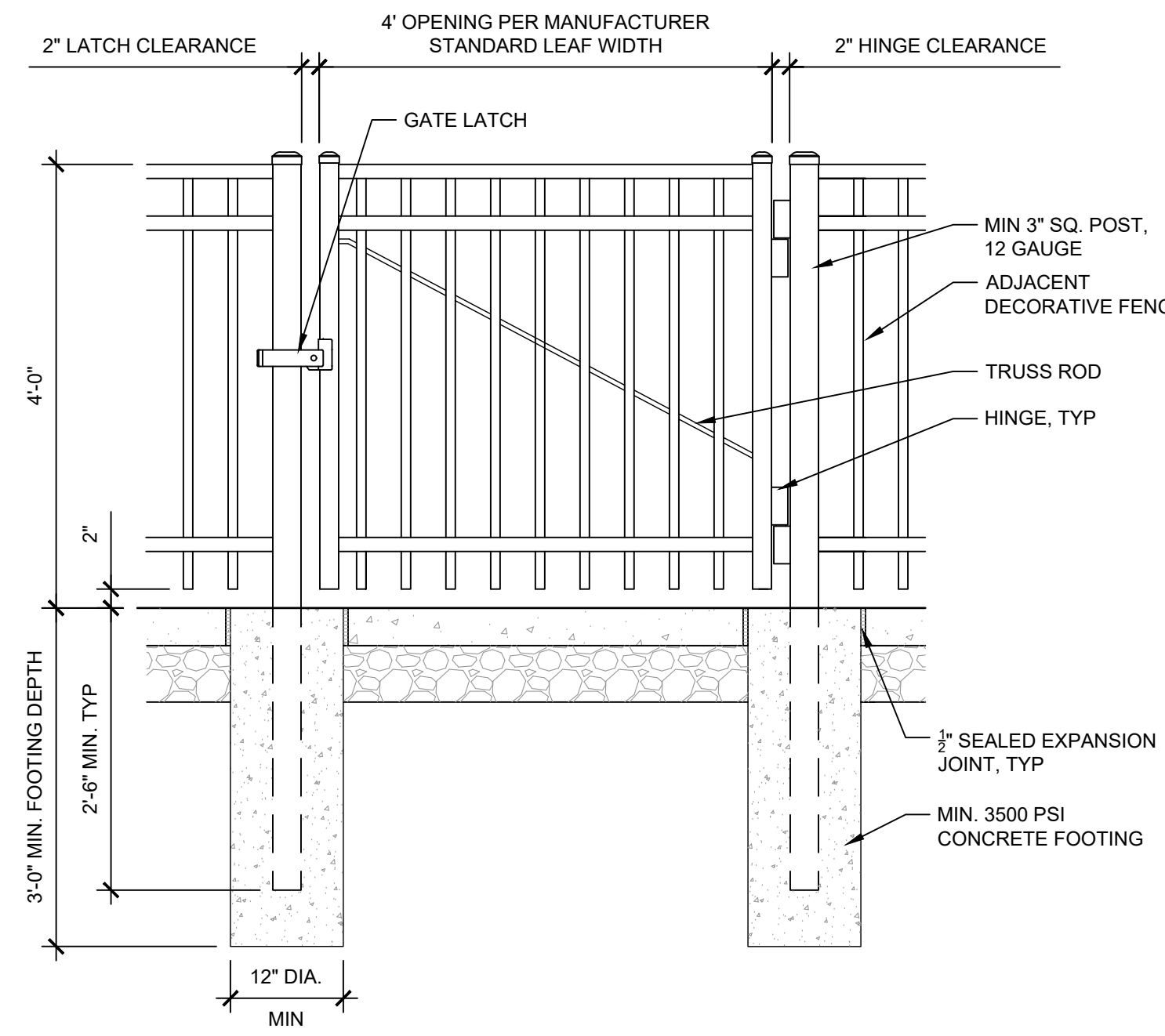
ELEVATION AT EMBEDDED FOOTING

SECTION MOUNTED TO CURB

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

1 DECORATIVE FENCE

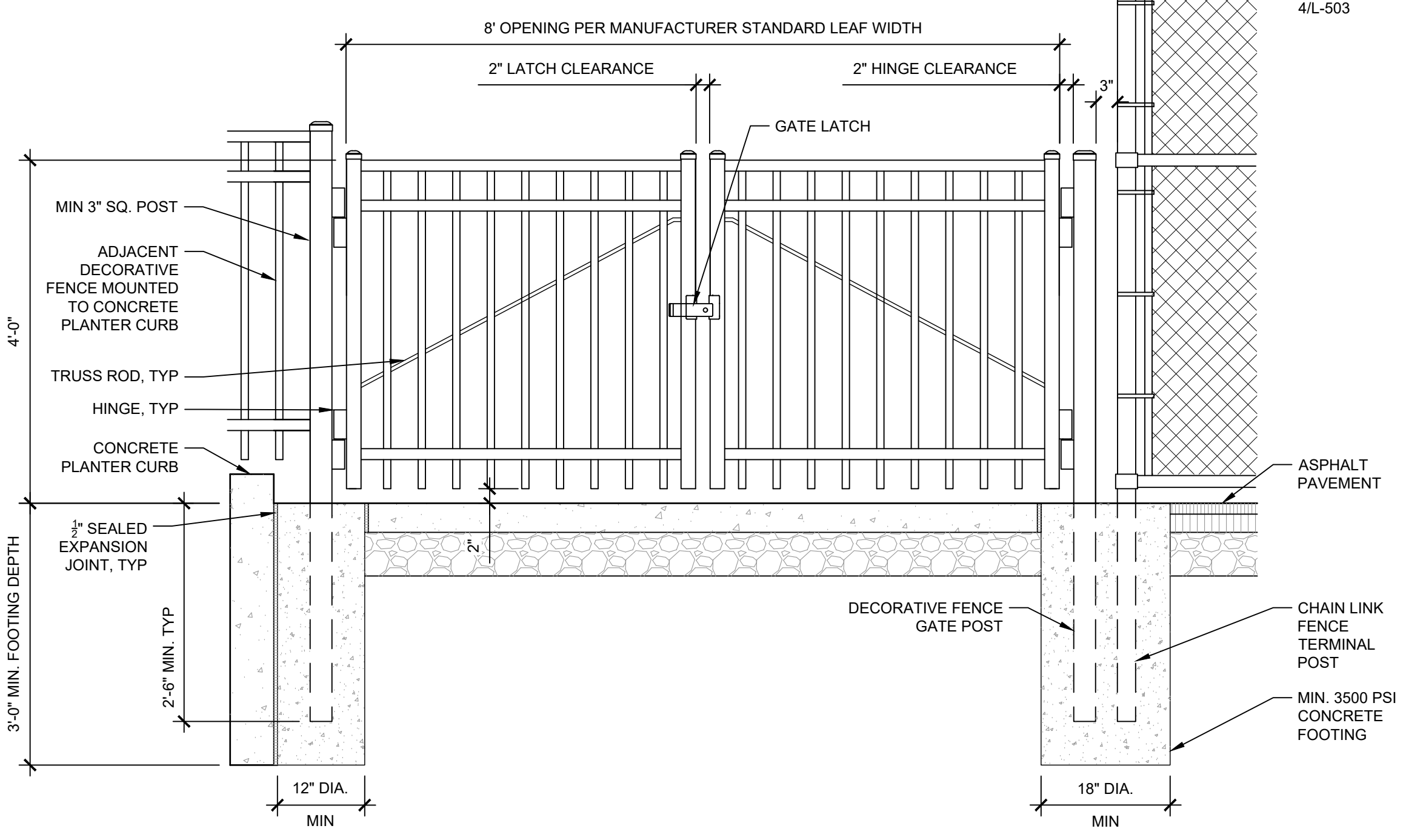
- DECORATIVE SINGLE GATE NOTES:**
1. BASIS OF DESIGN: AEGIS II INDUSTRIAL ORNAMENTAL FENCE, MAJESTIC STYLE, 3 RAIL FENCE AS MANUFACTURED BY AMERISTAR, OR APPROVED EQUAL. SEE SPECIFICATIONS.
 2. GATE SHALL BE FROM APPROVED PPR FENCING MANUFACTURER AND BE SAME MANUFACTURER AND PRODUCT AS FENCING.
 3. POSTS, RAILS, PICKETS AND HARDWARE SHALL BE STEEL. COLOR: BLACK.
 4. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
 5. INSTALL GATE PER MANUFACTURER'S INSTRUCTIONS.



2 DECORATIVE GATE - SINGLE

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

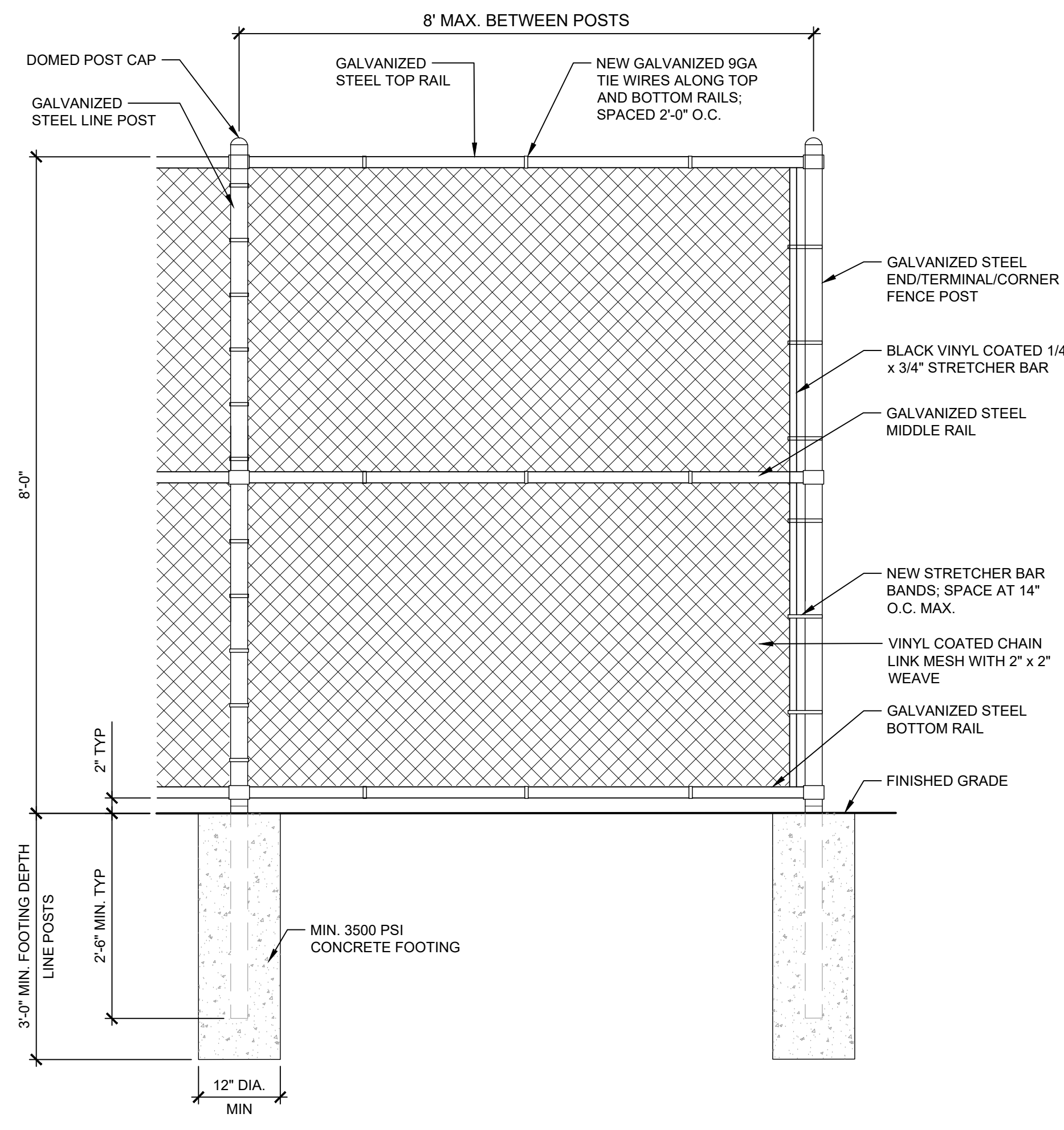
- DECORATIVE DOUBLE GATE NOTES:**
1. BASIS OF DESIGN: AEGIS II INDUSTRIAL ORNAMENTAL FENCE GATE, MAJESTIC STYLE, 3 RAIL FENCE AS MANUFACTURED BY AMERISTAR, OR APPROVED EQUAL. SEE SPECIFICATIONS.
 - 1.1. GATE SHALL BE FROM APPROVED PPR FENCING MANUFACTURER AND BE SAME MANUFACTURER AND PRODUCT AS FENCING.
 2. POSTS, RAILS, PICKETS AND HARDWARE SHALL BE STEEL. COLOR: BLACK.
 3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
 4. INSTALL GATE PER MANUFACTURER'S INSTRUCTIONS.
 5. COORDINATE GATE INSTALLATION WITH ADJACENT DECORATIVE FENCE MOUNTED TO CONCRETE PLANTER CURB AND CHAIN LINK FENCE INSTALLATION.



3 DECORATIVE GATE - DOUBLE

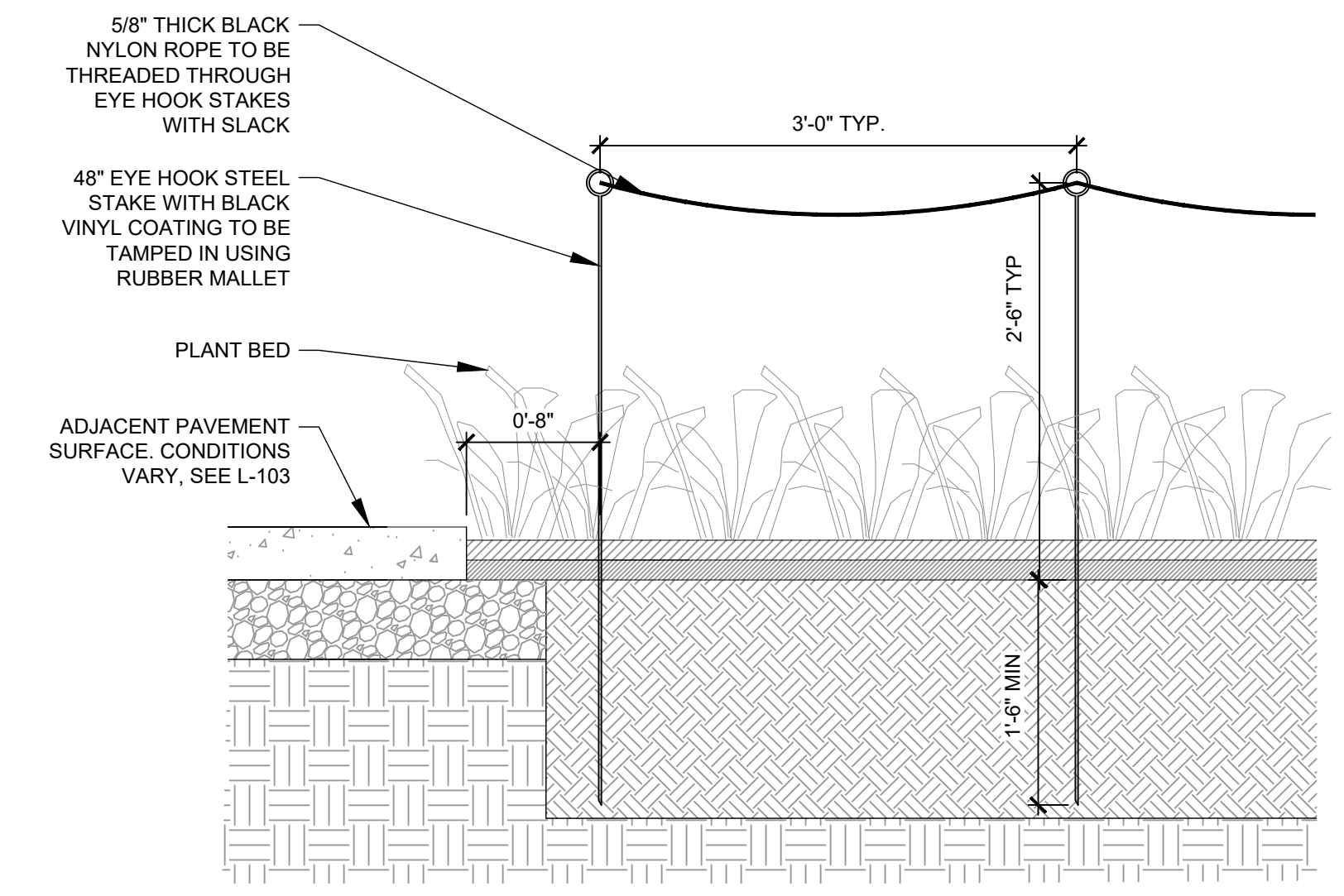
SCALE: 3/4" = 1'-0"

- CHAIN LINK FENCE NOTES:**
1. CHAIN LINK FENCING SHALL BE FROM APPROVED PPR FENCING MANUFACTURER. SEE SPECIFICATIONS.
 2. ALL NEW FRAMING, CHAIN LINK MESH, ACCESSORIES, ETC. SHALL BE BLACK.
 3. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF CHAIN LINK FENCING PRIOR TO INSTALLATION FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.



4 CHAIN LINK FENCE

SCALE: N.T.S.



5 PLANT BED PROTECTION FENCE

SCALE: NTS

ISSUE FOR BIDDING

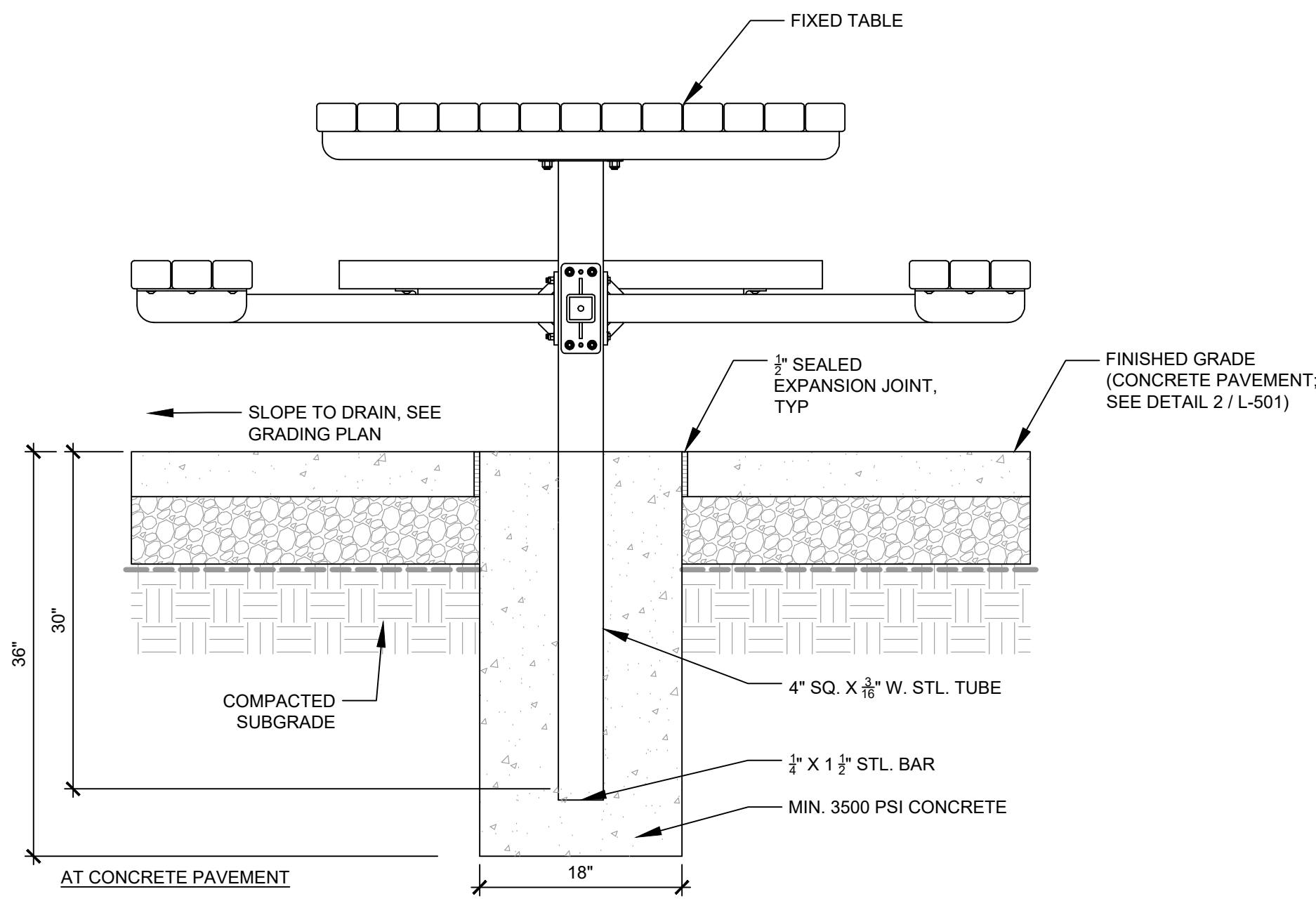


SHEET TITLE:
FENCING DETAILS

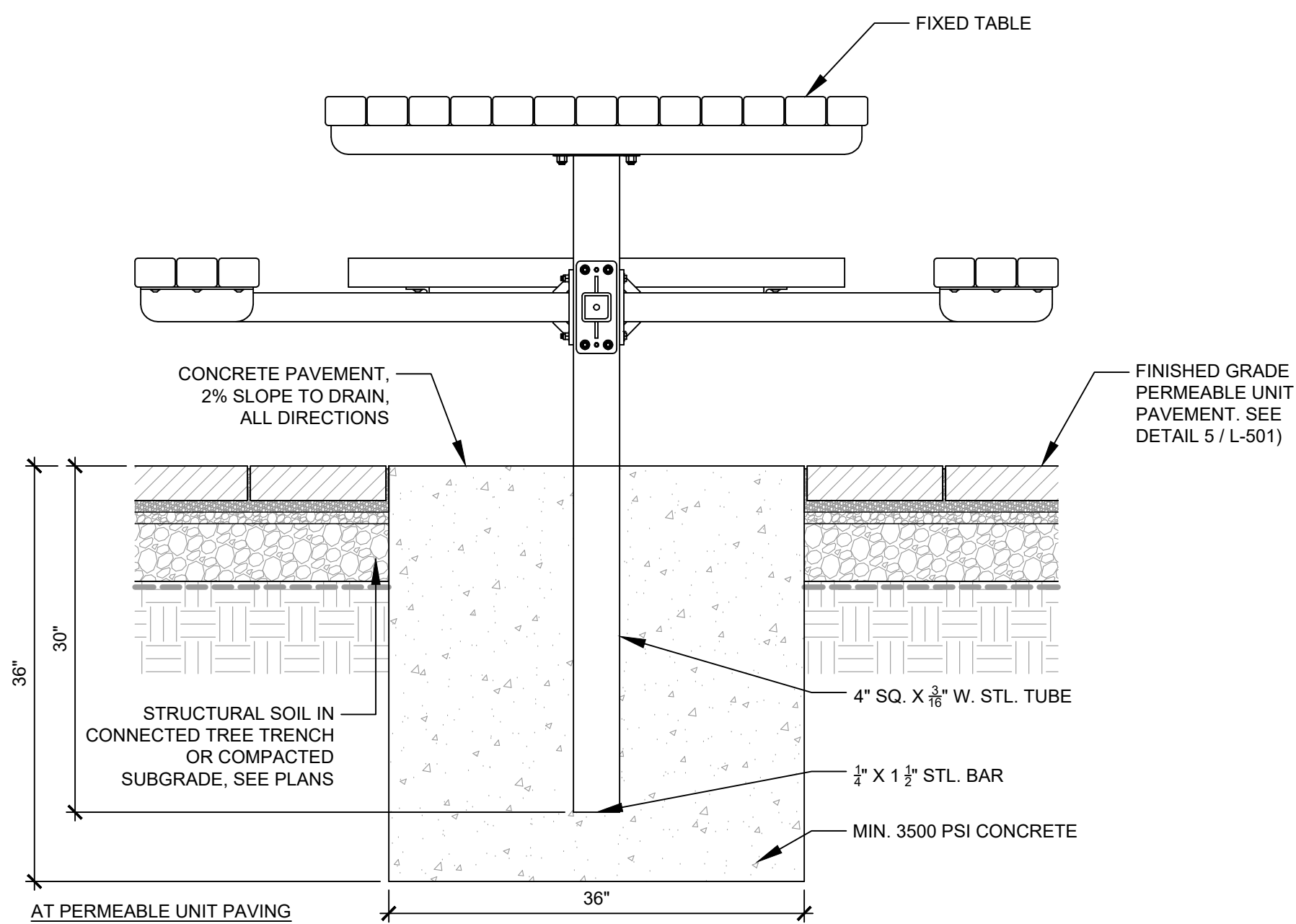
REV	DATE	DESCRIPTION

SCALE:
AS NOTED
DATE: 08/15/2022
DRAWN BY: SB
CHECKED BY: SPS

SHEET NUMBER:
L-503



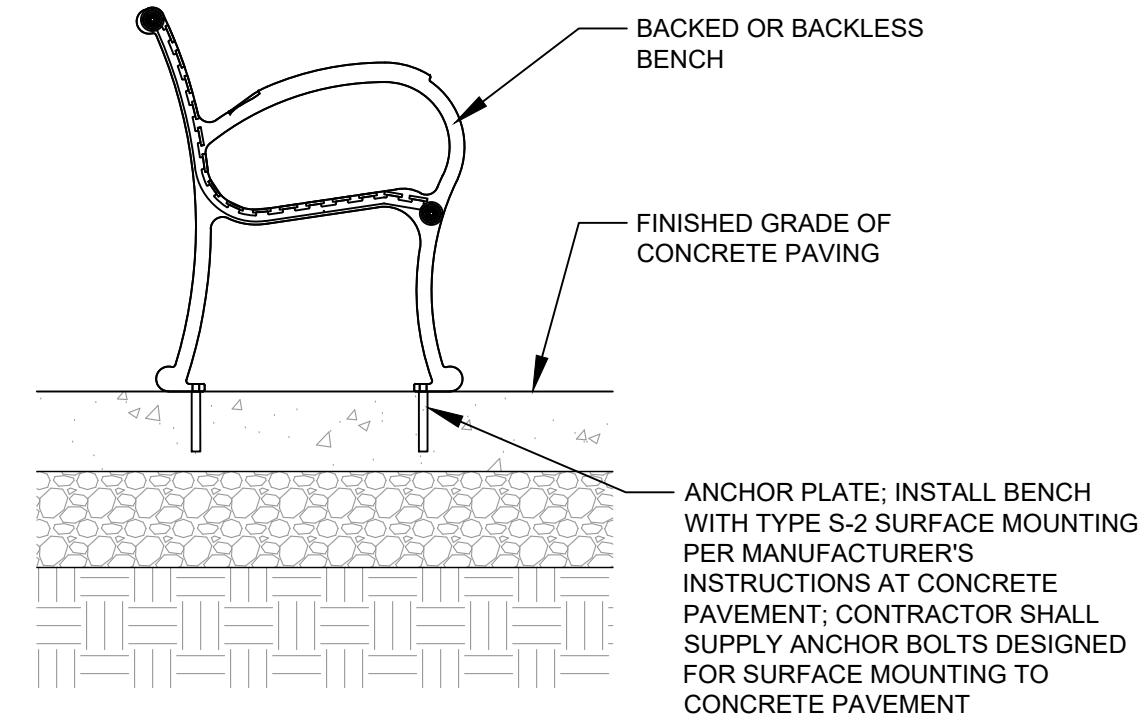
- NOTES:**
1. SEE SITE FURNISHINGS SCHEDULE ON L-104 AND SPECIFICATIONS FOR PRODUCT INFORMATION, MATERIALS AND FINISH OF SLATS AND FRAME MEMBERS.
 2. REVIEW FOUNDATION DIMENSIONS WITH MANUFACTURER PRIOR TO INSTALLATION.



- NOTES:**
1. SEE SITE FURNISHINGS SCHEDULE ON L-104 AND SPECIFICATIONS FOR PRODUCT INFORMATION, MATERIALS AND FINISH OF SLATS AND FRAME MEMBERS.
 2. REVIEW FOUNDATION DIMENSIONS WITH MANUFACTURER PRIOR TO INSTALLATION.

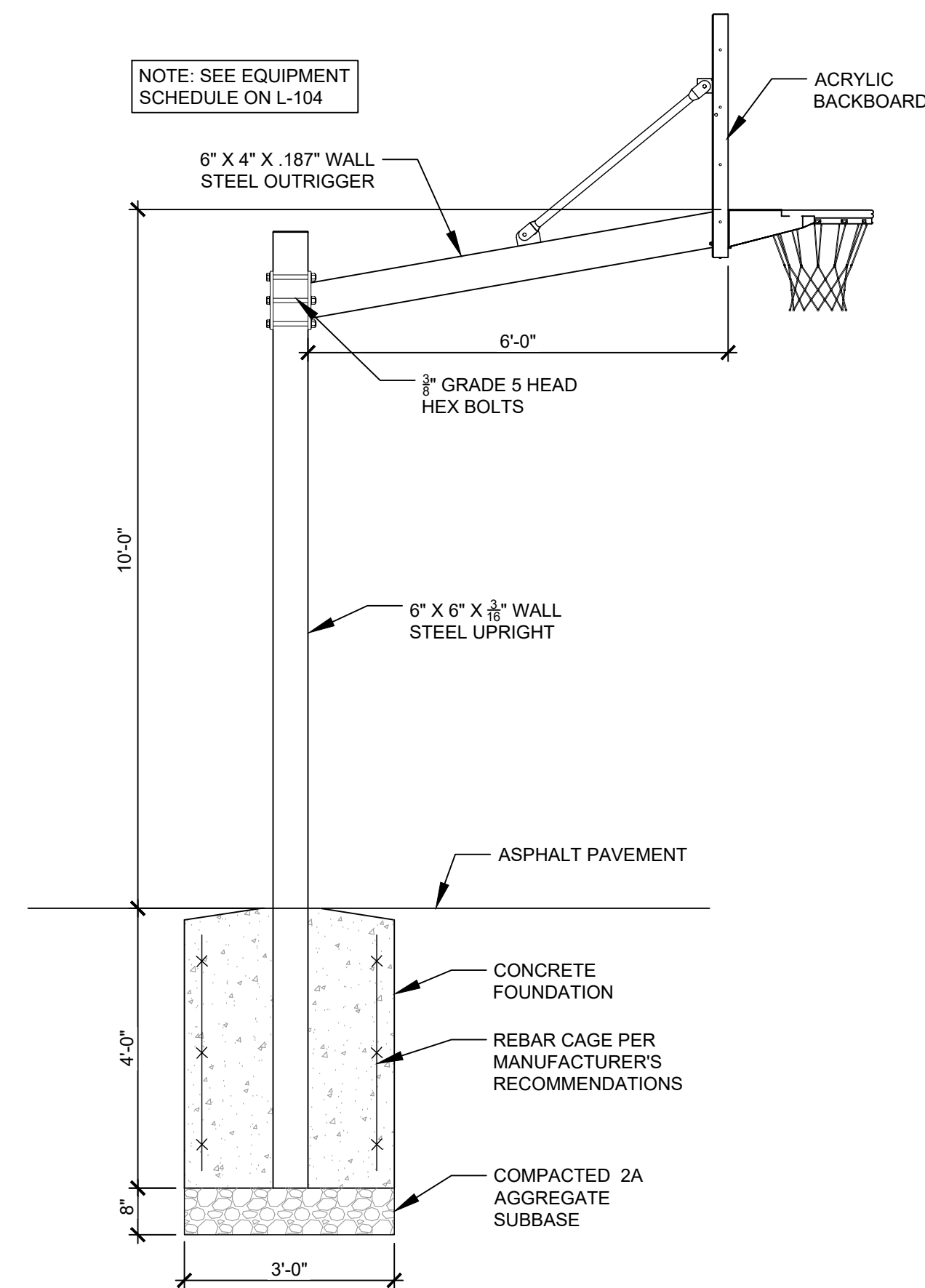
1 PICNIC TABLE WITH BENCHES

SCALE: 1"=1'-0"



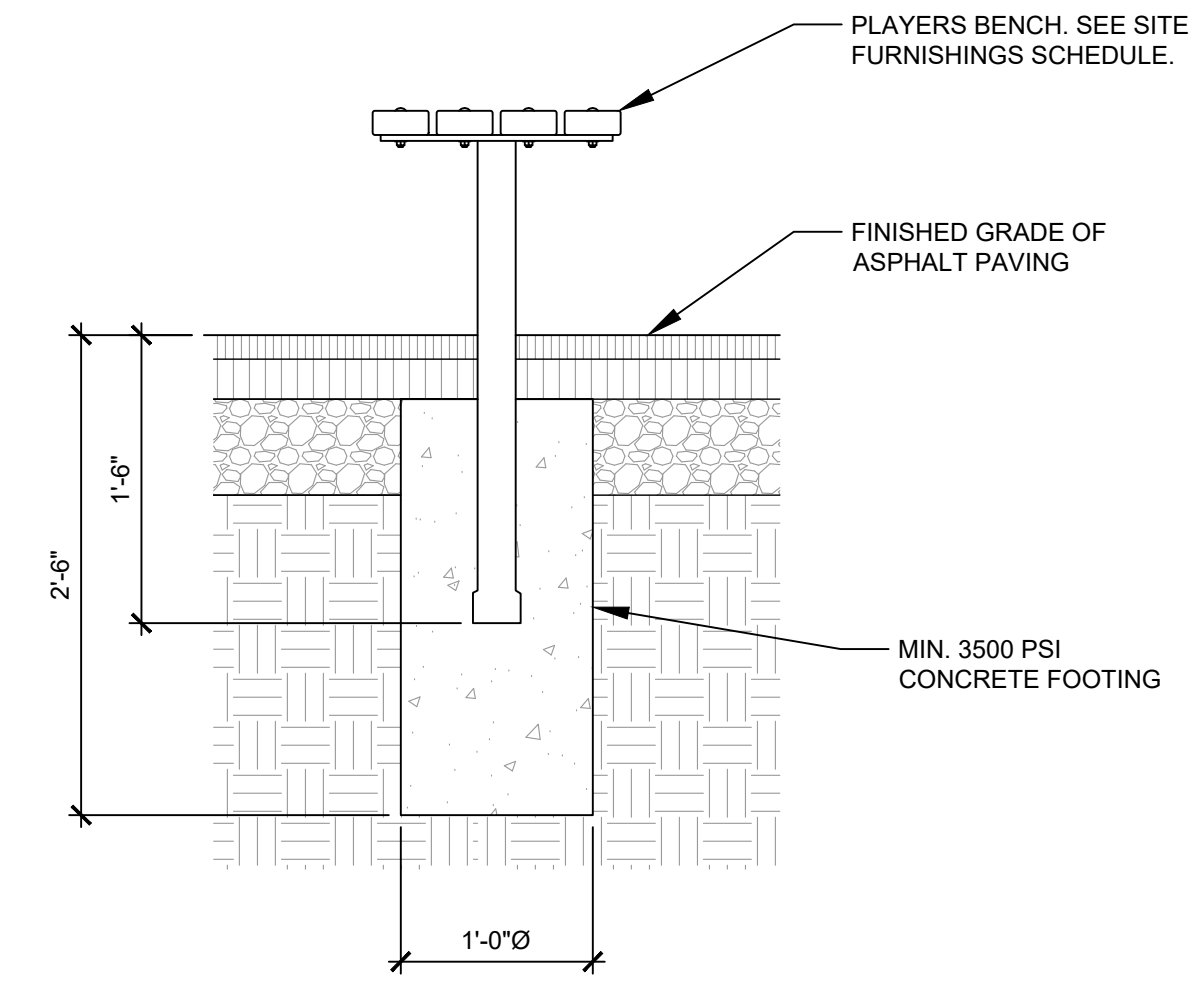
2 BENCH (BACKED OR BACKLESS)

SCALE: 1"=1'-0"



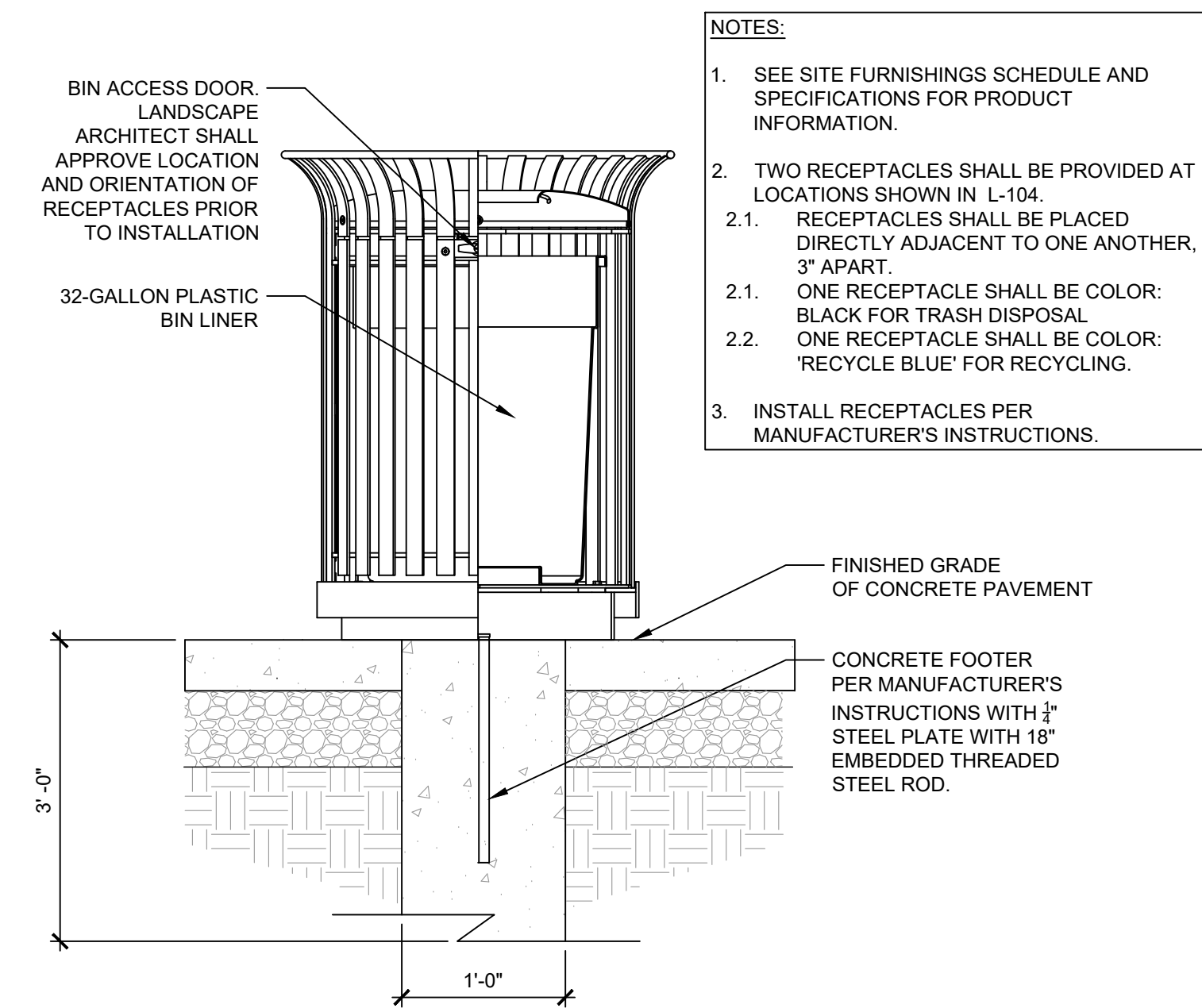
4 BASKETBALL GOAL

SCALE: 1/2"=1'-0"



3 PLAYERS BENCH

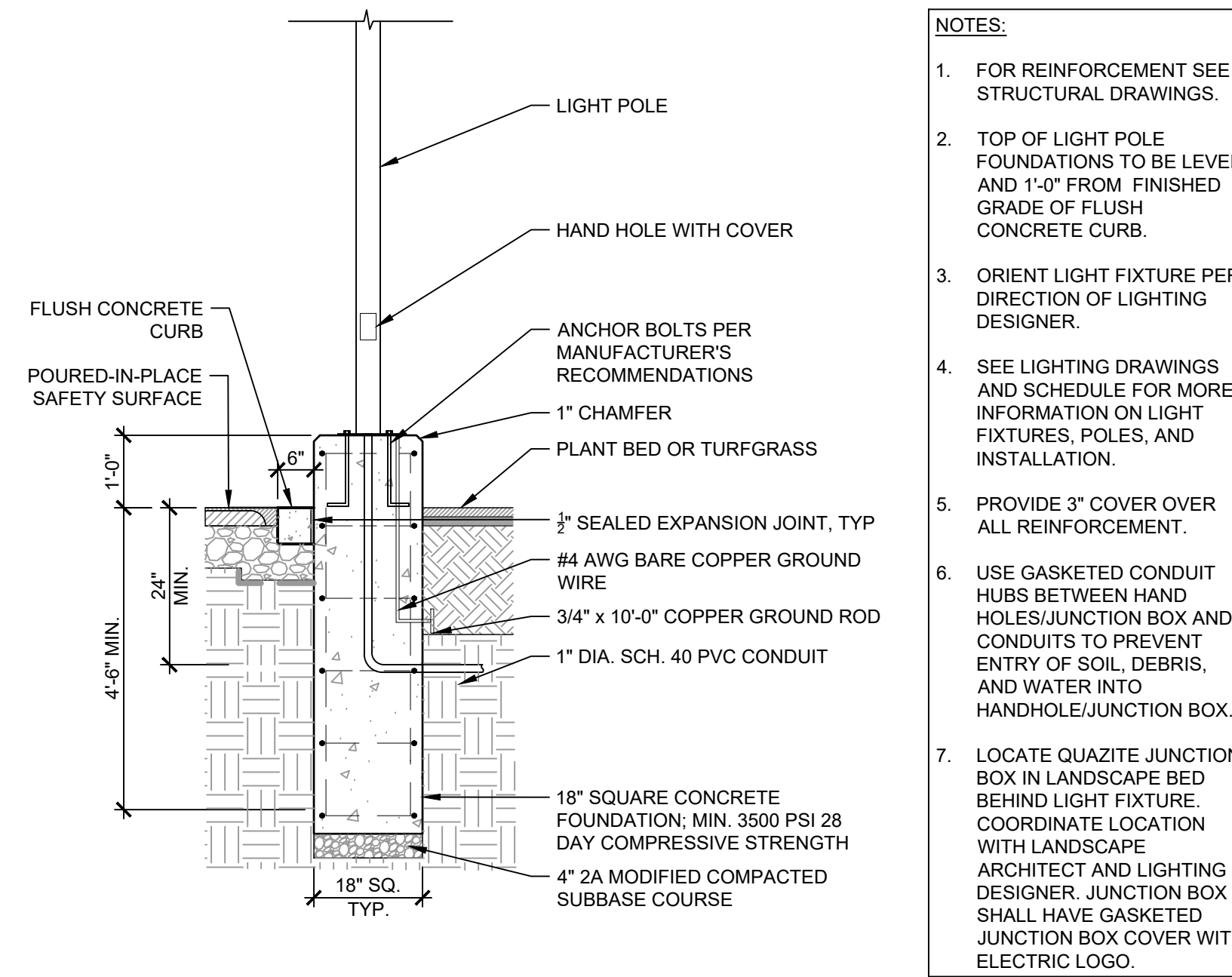
SCALE: 1"=1'-0"



5 TRASH/RECYCLING RECEPTACLE

SCALE: 1"=1'-0"

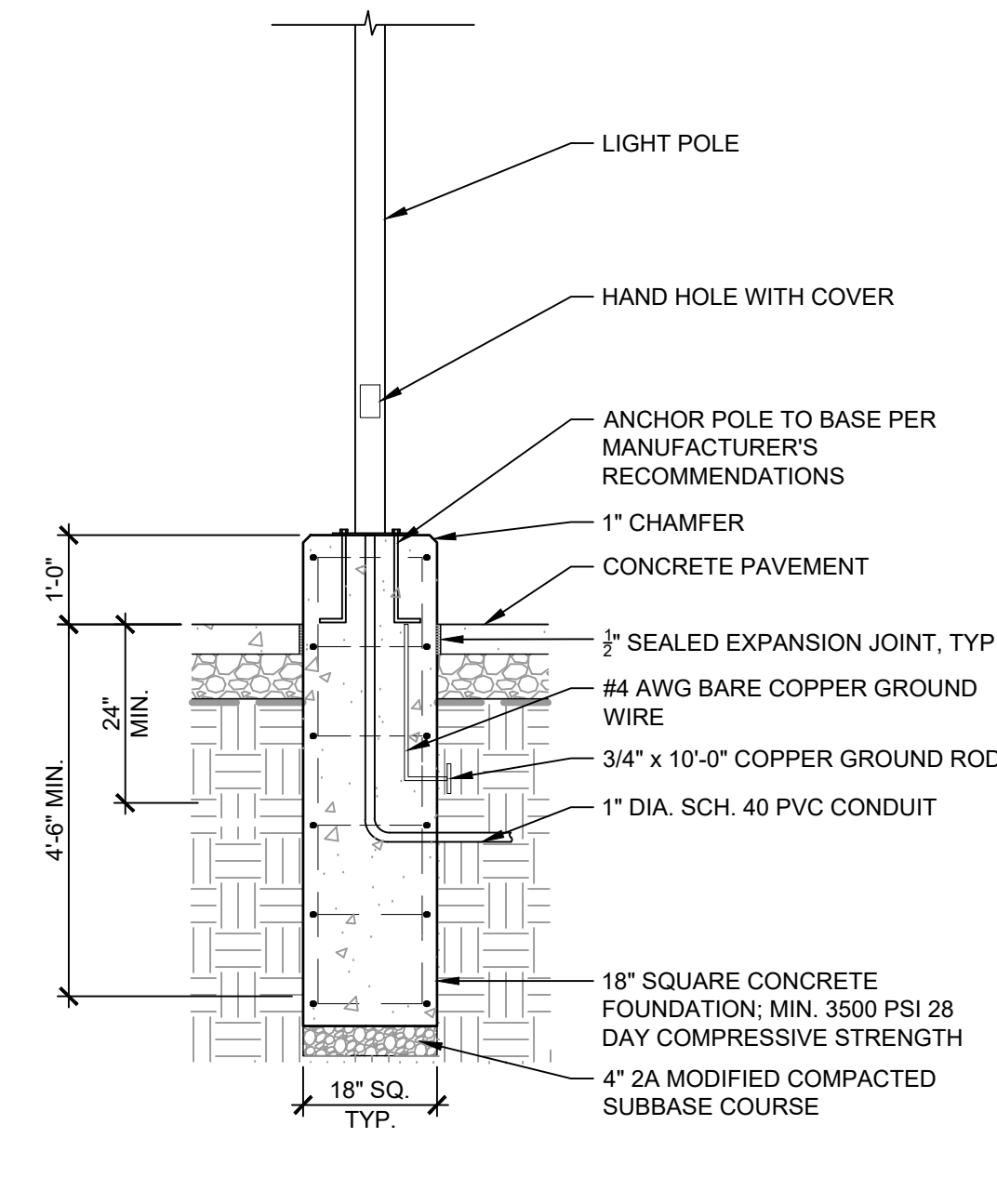
REV	DATE	DESCRIPTION



- NOTES:**
1. FOR REINFORCEMENT SEE STRUCTURAL DRAWINGS.
 2. TOP OF LIGHT POLE FOUNDATIONS TO BE LEVEL AND 1'-0" FROM FINISHED GRADE OF FLUSH CONCRETE CURB.
 3. ORIENT LIGHT FIXTURE PER DIRECTION OF LIGHTING DESIGNER.
 4. SEE LIGHTING DRAWINGS AND SCHEDULE FOR MORE INFORMATION ON LIGHT FIXTURES, POLES, AND INSTALLATION.
 5. PROVIDE 3" COVER OVER ALL REINFORCEMENT.
 6. USE GASKETED CONDUIT HUBS BETWEEN HAND HOLES/JUNCTION BOX AND CONDUITS TO PREVENT ENTRY OF SOIL, DEBRIS, AND WATER INTO HANDHOLE/JUNCTION BOX.
 7. LOCATE QUAZITE JUNCTION BOX IN LANDSCAPE BED BEHIND LIGHT FIXTURE. COORDINATE LOCATION WITH LANDSCAPE ARCHITECT AND LIGHTING DESIGNER. JUNCTION BOX SHALL HAVE GASKETED JUNCTION BOX COVER WITH ELECTRIC LOGO.

1 LIGHT POLE FOUNDATION @ FLUSH CURB

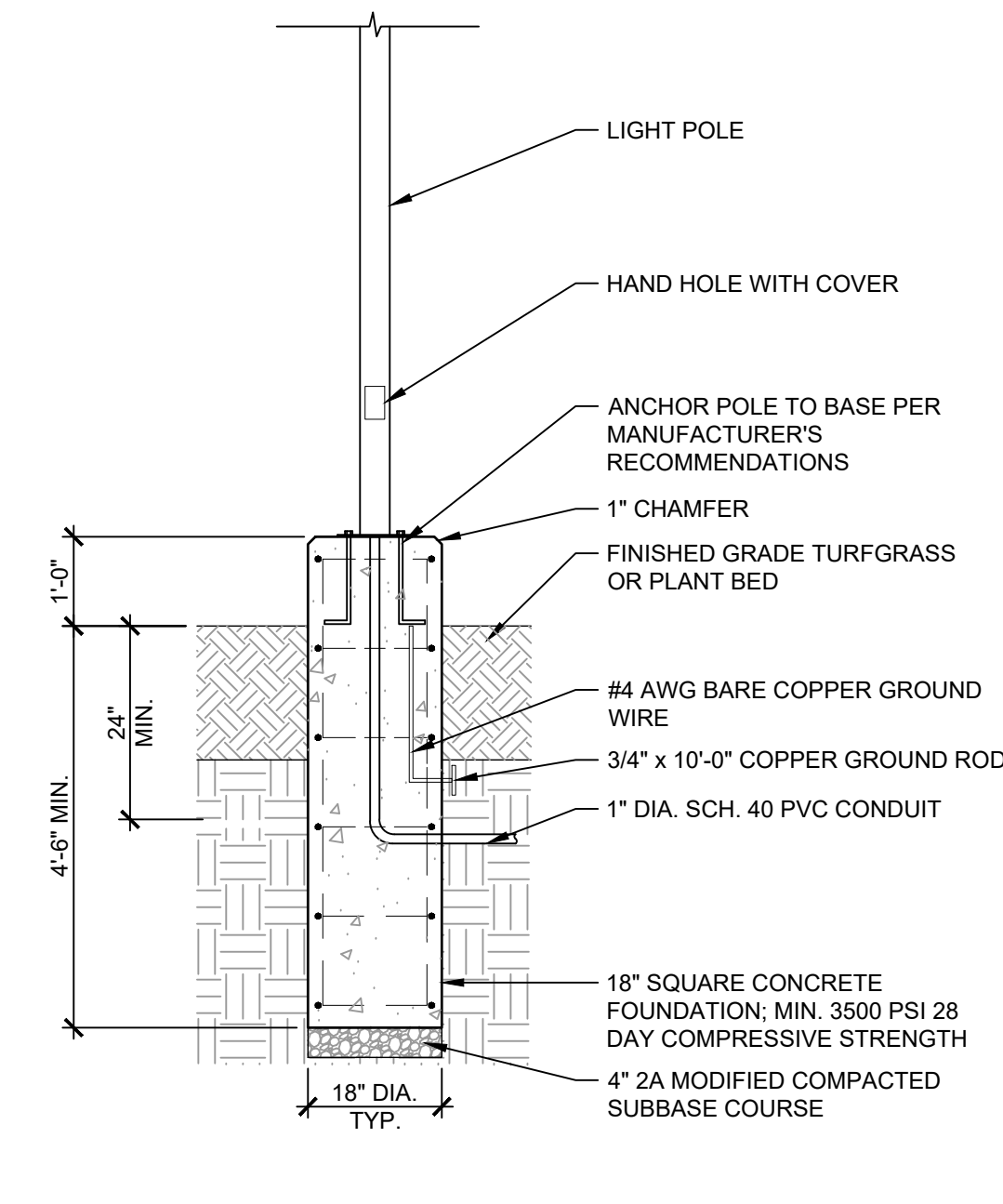
SCALE: 1/2" = 1'-0"



- NOTES:**
1. FOR REINFORCEMENT SEE STRUCTURAL DRAWINGS.
 2. TOP OF LIGHT POLE FOUNDATIONS TO BE LEVEL AND 1'-0" FROM FINISHED GRADE OF FLUSH CONCRETE CURB.
 3. ORIENT LIGHT FIXTURE PER DIRECTION OF LIGHTING DESIGNER.
 4. SEE LIGHTING DRAWINGS AND SCHEDULE FOR MORE INFORMATION ON LIGHT FIXTURES, POLES, AND INSTALLATION.
 5. PROVIDE 3" COVER OVER ALL REINFORCEMENT.
 6. USE GASKETED CONDUIT HUBS BETWEEN HAND HOLES/JUNCTION BOX AND CONDUITS TO PREVENT ENTRY OF SOIL, DEBRIS, AND WATER INTO HANDHOLE/JUNCTION BOX.
 7. LOCATE QUAZITE JUNCTION BOX IN LANDSCAPE BED BEHIND LIGHT FIXTURE. COORDINATE LOCATION WITH LANDSCAPE ARCHITECT AND LIGHTING DESIGNER. JUNCTION BOX SHALL HAVE GASKETED JUNCTION BOX COVER WITH ELECTRIC LOGO.

2 LIGHT POLE FOUNDATION @ CONCRETE PAVEMENT

SCALE: 1/2" = 1'-0"

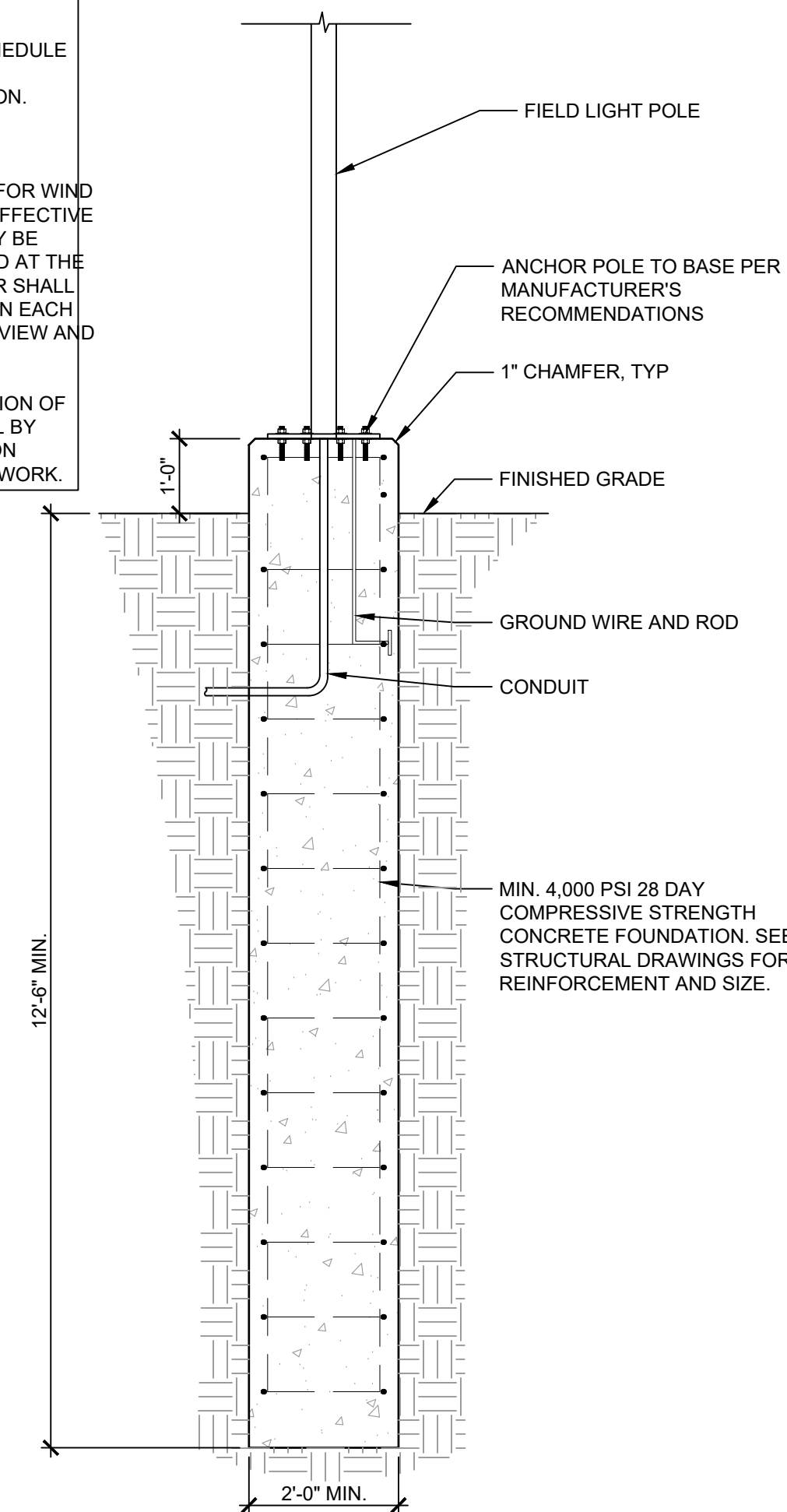


- NOTES:**
1. FOR REINFORCEMENT SEE STRUCTURAL DRAWINGS.
 2. TOP OF LIGHT POLE FOUNDATIONS TO BE LEVEL AND 1'-0" FROM FINISHED GRADE OF FLUSH CONCRETE CURB.
 3. ORIENT LIGHT FIXTURE PER DIRECTION OF LIGHTING DESIGNER.
 4. SEE LIGHTING DRAWINGS AND SCHEDULE FOR MORE INFORMATION ON LIGHT FIXTURES, POLES, AND INSTALLATION.
 5. PROVIDE 3" COVER OVER ALL REINFORCEMENT.
 6. USE GASKETED CONDUIT HUBS BETWEEN HAND HOLES/JUNCTION BOX AND CONDUITS TO PREVENT ENTRY OF SOIL, DEBRIS, AND WATER INTO HANDHOLE/JUNCTION BOX.
 7. LOCATE QUAZITE JUNCTION BOX IN LANDSCAPE BED BEHIND LIGHT FIXTURE. COORDINATE LOCATION WITH LANDSCAPE ARCHITECT AND LIGHTING DESIGNER. JUNCTION BOX SHALL HAVE GASKETED JUNCTION BOX COVER WITH ELECTRIC LOGO.

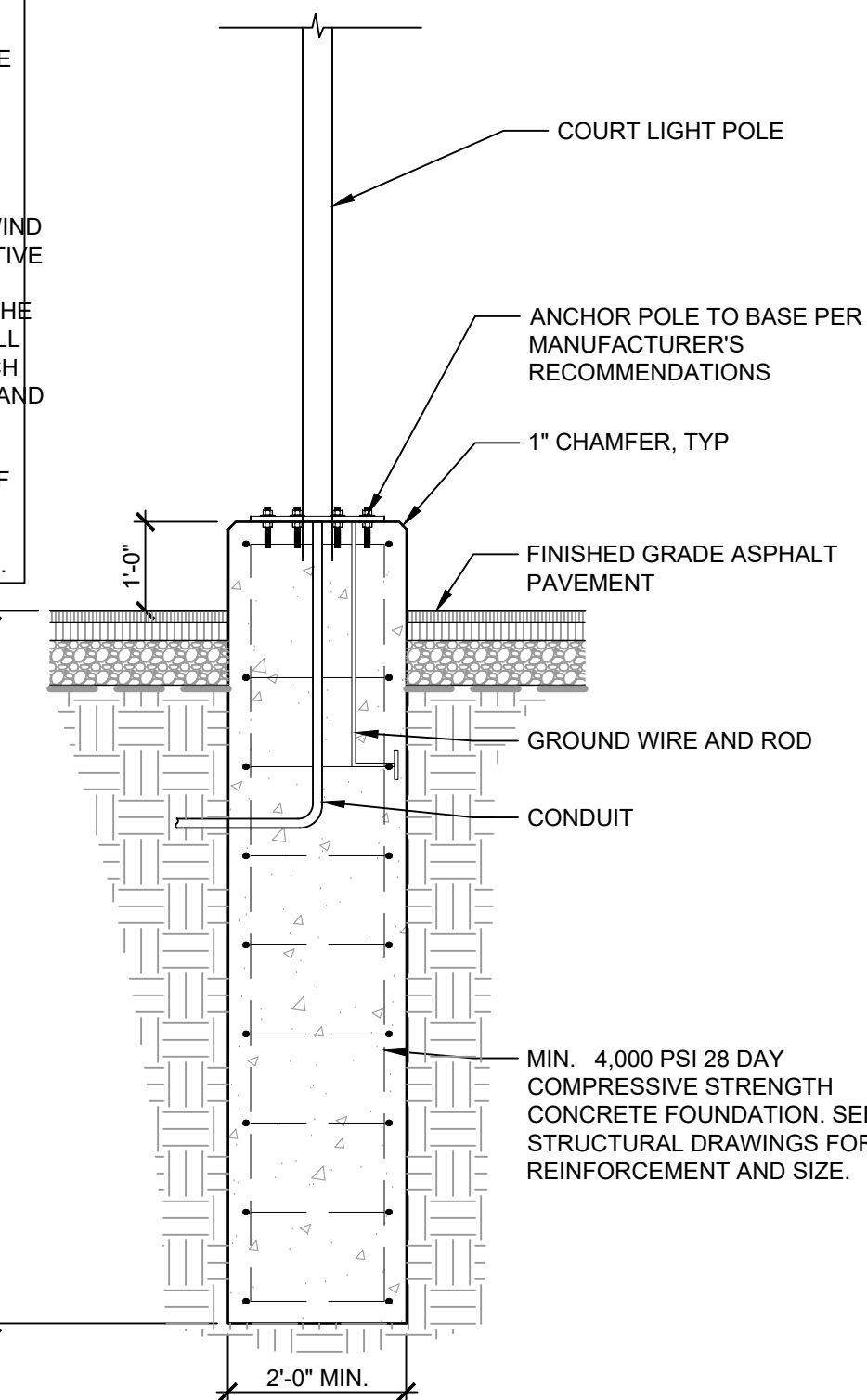
3 LIGHT POLE FOUNDATION @ PLANT BED

SCALE: 1/2" = 1'-0"

- NOTES:**
1. FOR REINFORCEMENT SEE STRUCTURAL DRAWINGS
 2. TOP OF LIGHT POLE FOUNDATIONS TO BE LEVEL AND 1'-0" FROM FINISHED GRADE.
 3. ORIENT LIGHT FIXTURE PER DIRECTION OF LIGHTING DESIGNER.
 4. SEE LIGHTING DRAWINGS AND SCHEDULE FOR MORE INFORMATION ON LIGHT FIXTURES, POLES, AND INSTALLATION.
 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ACCOMPANIED BY MANUFACTURER'S CERTIFICATION FOR WIND LOADING, STATING THE MAXIMUM EFFECTIVE PROJECTED AREA (EPA) WHICH MAY BE IMPOSED AT FULL POLE HEIGHT AND AT THE SPECIFIED VELOCITY. CONTRACTOR SHALL PROVIDE A LIST OF EPA IMPOSED ON EACH POLE IN THE INSTALLATION FOR REVIEW AND APPROVAL.
 6. CONTRACTOR SHALL STAKE LOCATION OF POLES FOR REVIEW AND APPROVAL BY PHILADELPHIA PARKS & RECREATION DEPARTMENT PRIOR TO STARTING WORK.



- NOTES:**
1. FOR REINFORCEMENT SEE STRUCTURAL DRAWINGS
 2. TOP OF LIGHT POLE FOUNDATIONS TO BE LEVEL AND 1'-0" FROM FINISHED GRADE.
 3. ORIENT LIGHT FIXTURE PER DIRECTION OF LIGHTING DESIGNER.
 4. SEE LIGHTING DRAWINGS AND SCHEDULE FOR MORE INFORMATION ON LIGHT FIXTURES, POLES, AND INSTALLATION.
 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ACCOMPANIED BY MANUFACTURER'S CERTIFICATION FOR WIND LOADING, STATING THE MAXIMUM EFFECTIVE PROJECTED AREA (EPA) WHICH MAY BE IMPOSED AT FULL POLE HEIGHT AND AT THE SPECIFIED VELOCITY. CONTRACTOR SHALL PROVIDE A LIST OF EPA IMPOSED ON EACH POLE IN THE INSTALLATION FOR REVIEW AND APPROVAL.
 6. CONTRACTOR SHALL STAKE LOCATION OF POLES FOR REVIEW AND APPROVAL BY PHILADELPHIA PARKS & RECREATION DEPARTMENT PRIOR TO STARTING WORK.



5 COURT LIGHT FOUNDATION

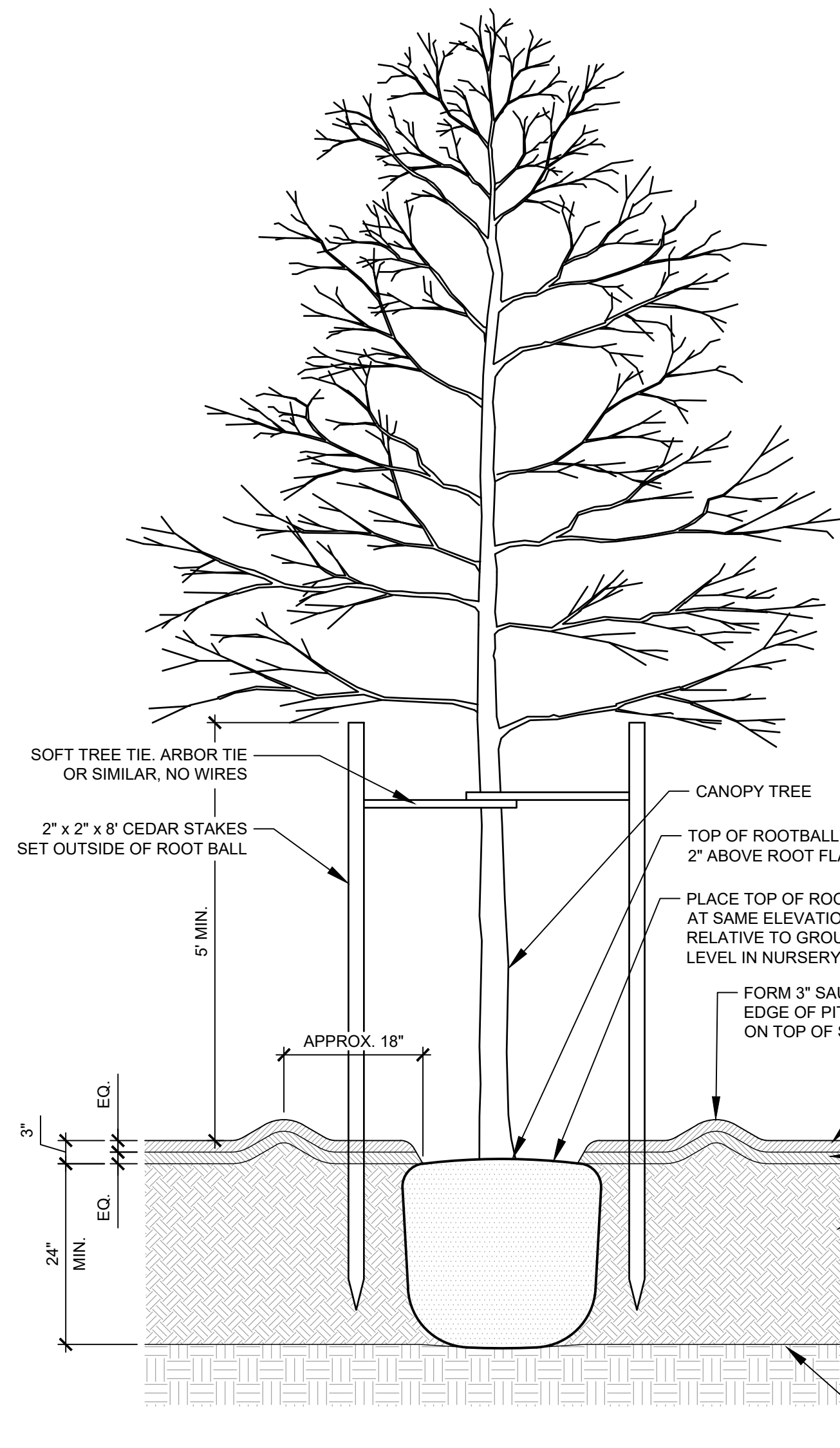
SCALE: 1/2" = 1'-0"

4 FIELD LIGHT FOUNDATION

SCALE: 1/2" = 1'-0"



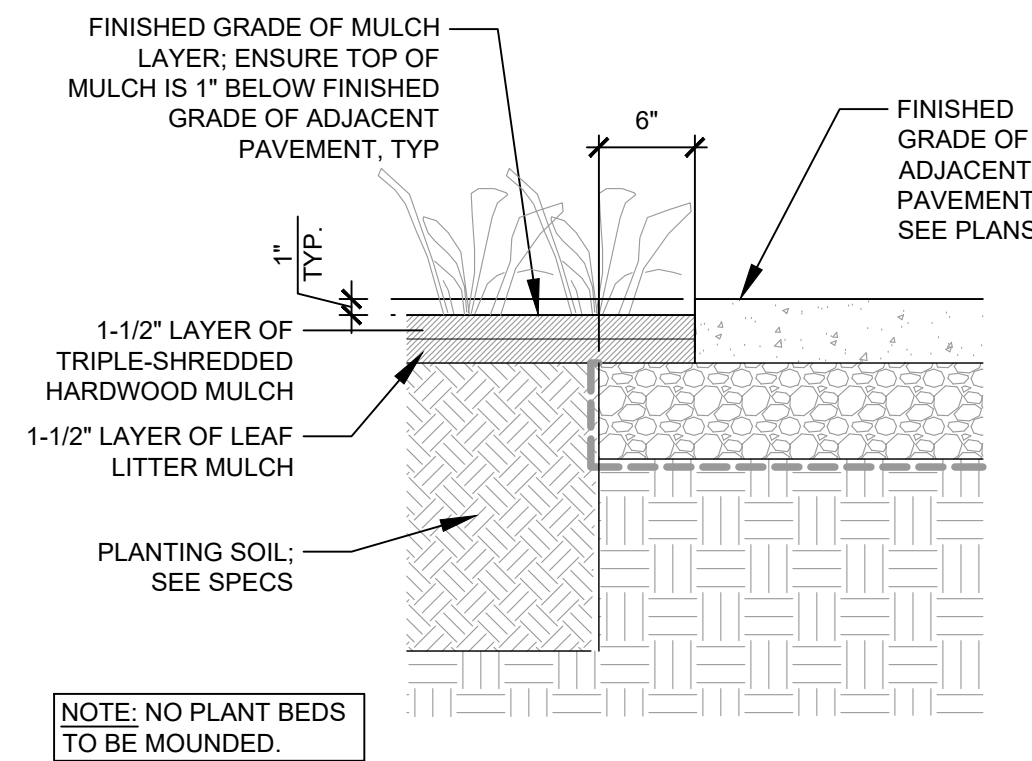
REV	DATE	DESCRIPTION



- NOTES:**
1. MARK NORTH SIDE OF TREE IN NURSERY AND ROTATE TO FACE NORTH IN TREE PIT.
 2. CUT BINDINGS AROUND TRUNK AND REMOVE ENTIRE WIRE BASKET AND ALL ROPES. REMOVE BURLAP FROM UPPER HALF OF ROOTBALL AND CUT AND ADJUST BURLAP TO PREVENT FORMATION OF AIR POCKETS.
 3. DIG PIT TO DEPTH OF ROOTBALL AND POSITION BALL ON UNDISTURBED SUBGRADE, SLIGHTLY RAISED AT CENTER.
 4. DO NOT PLACE MULCH IN CONTACT WITH TRUNK OF TREE.
 5. SEE SPECIFICATIONS FOR MULCH AND PLANTING SOIL INFORMATION.

1 CANOPY TREE PLANTING

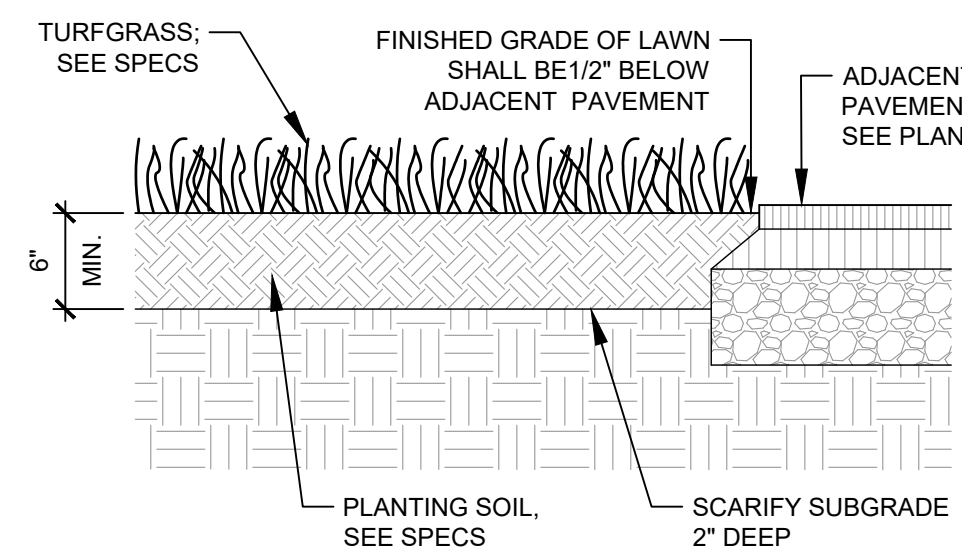
SCALE: 3/4" = 1'-0"



NOTE: NO PLANT BEDS TO BE MOUNDED.

2 FINISHED GRADE OF PLANT BEDS

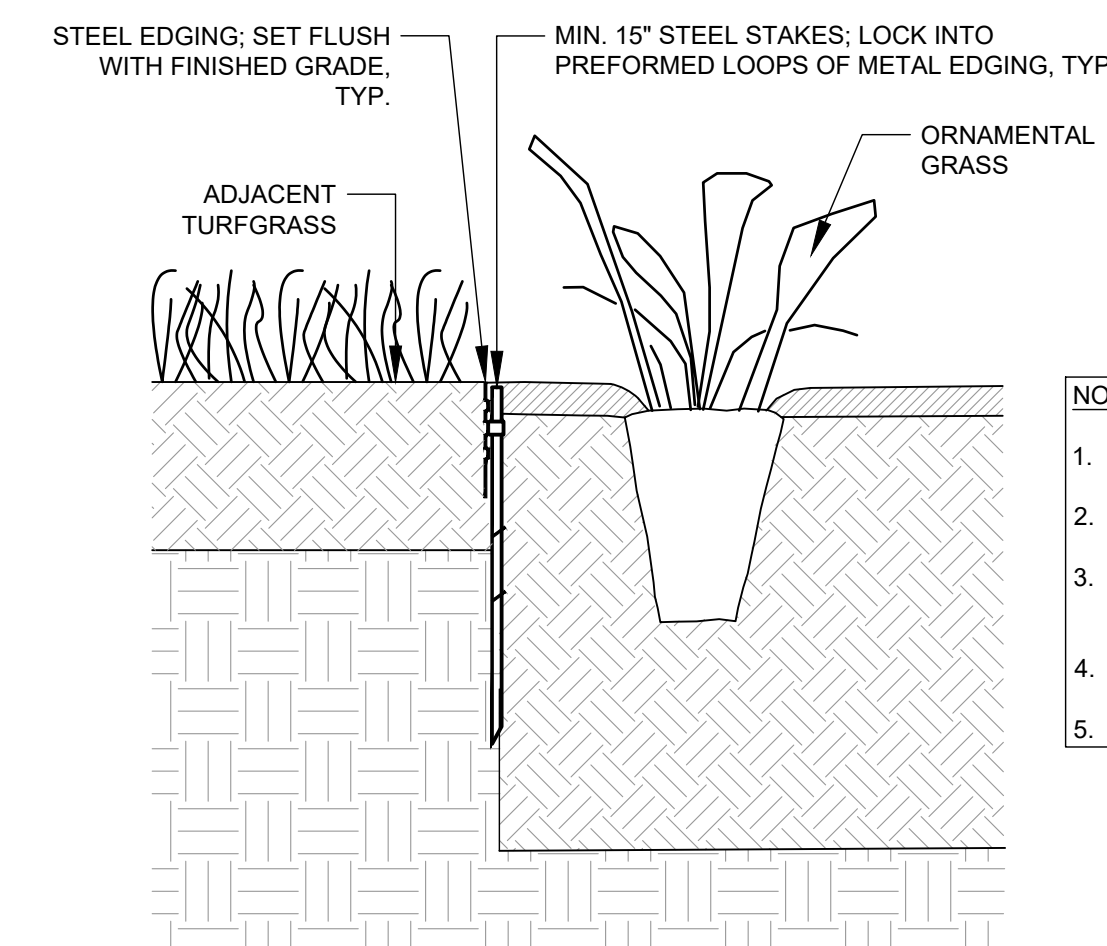
SCALE: 1" = 1'-0"



- NOTES:**
1. EXCAVATION WITHIN DEPAVED AREAS FOR LAWN INSTALLATION SHALL INCLUDE REMOVAL OF ENTIRE PAVING SECTION INCLUDING ASPHALT AND SUBBASE MATERIAL UNTIL SUBGRADE IS REACHED. DO NOT UNDERMINE CURBS OR PAVEMENT AREAS TO REMAIN.
 2. GRADE LAWN UNIFORMLY.
 3. SEE SPECS FOR PLANTING SOIL INFORMATION AND SEED MIX.

3 TURFGRASS PLANTING

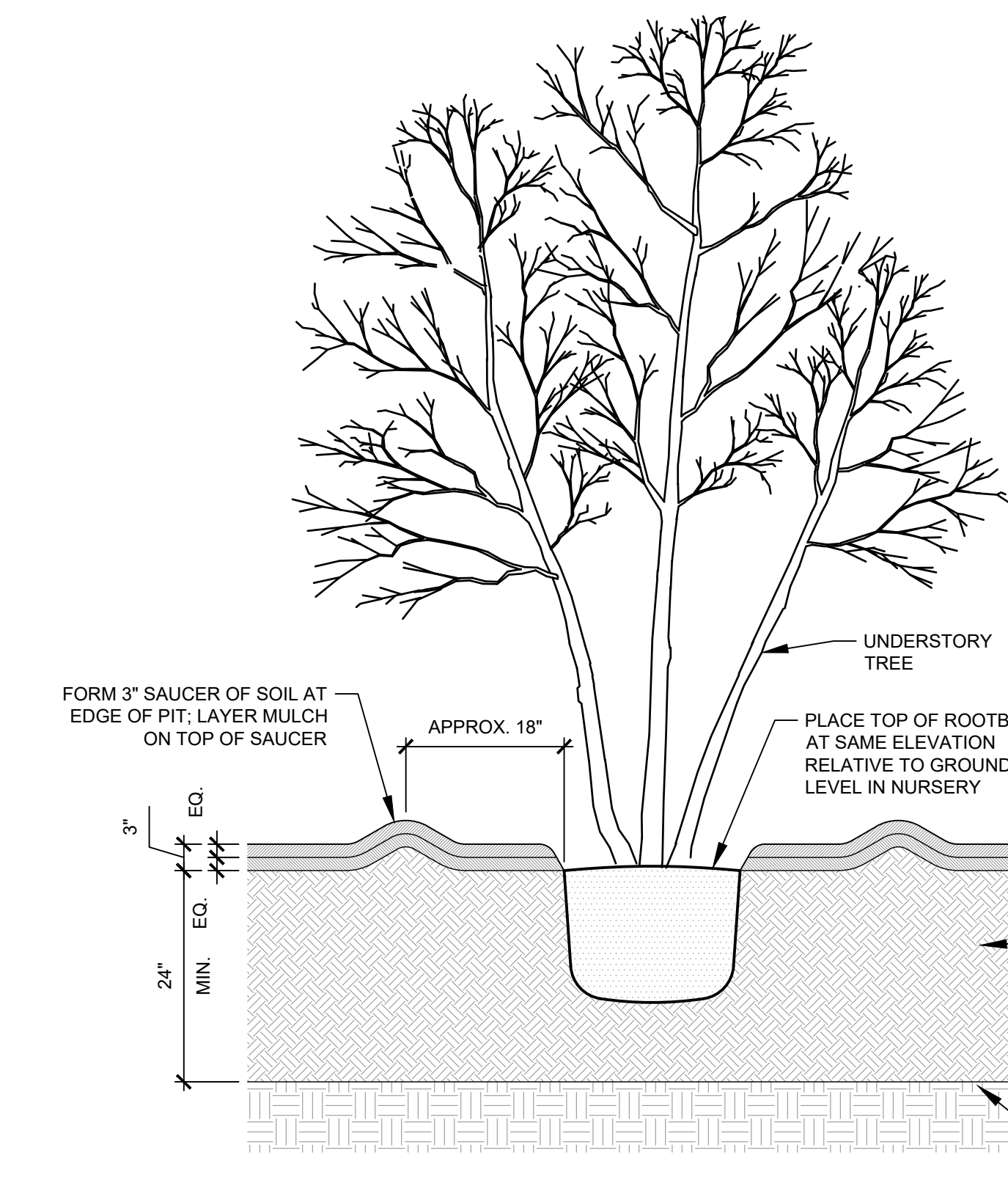
SCALE: 1" = 1'-0"



- NOTES:**
1. EDGING AND STAKING FROM BORDER CONCEPTS, OR APPROVED EQUAL.
 2. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
 3. CONTRACTOR TO SUBMIT SAMPLE OF EDGING FOR OWNER AND LANDSCAPE ARCHITECT'S REVIEW AND APPROVAL.
 4. EDGING SHALL BE STEEL; COLOR SHALL BE BLACK.
 5. INSTALL EDGING AS SHOWN ON PLANS.

4 METAL EDGING

SCALE: 1-1/2" = 1'-0"

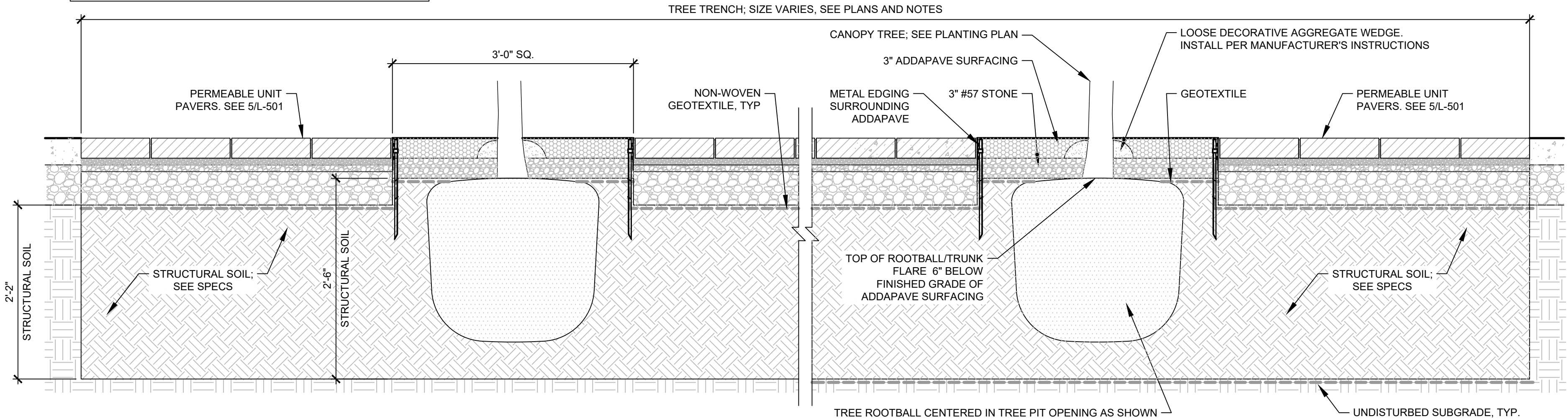


- NOTES:**
1. IF CONTAINER PLANT, REMOVE EACH TREE FROM CONTAINER PRIOR TO INSTALLATION.
 2. IF B&B PLANT, CUT BINDINGS AROUND TRUNK AND REMOVE ENTIRE WIRE BASKET AND ALL ROPES. REMOVE BURLAP FROM UPPER HALF OF ROOTBALL AND CUT AND ADJUST BURLAP TO PREVENT FORMATION OF AIR POCKETS.
 3. DO NOT PLACE MULCH IN CONTACT WITH TRUNK OF TREE.
 4. SEE SPECIFICATIONS FOR MULCH AND PLANTING SOIL INFORMATION.

5 UNDERSTORY TREE PLANTING

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

- NOTES:**
1. ADDAPAVE PRODUCT: AGGREGATE MIXED WITH RESIN-BOUND BINDER, AS MANUFACTURED BY CHAMELEON WAYS, OR APPROVED EQUAL.
 2. COLOR: TO BE SELECTED BY LANDSCAPE ARCHITECT FROM MANUFACTURER'S FULL RANGE.
 3. INSTALL ADDAPAVE PER MANUFACTURER'S INSTRUCTIONS.



6 UNDERGROUND TREE TRENCH

SCALE: 1" = 1'-0"



PLANTING DETAILS

REV	DATE	DESCRIPTION

AS NOTED
DATE: 08/15/2022
DRAWN BY: SB
CHECKED BY: SPS

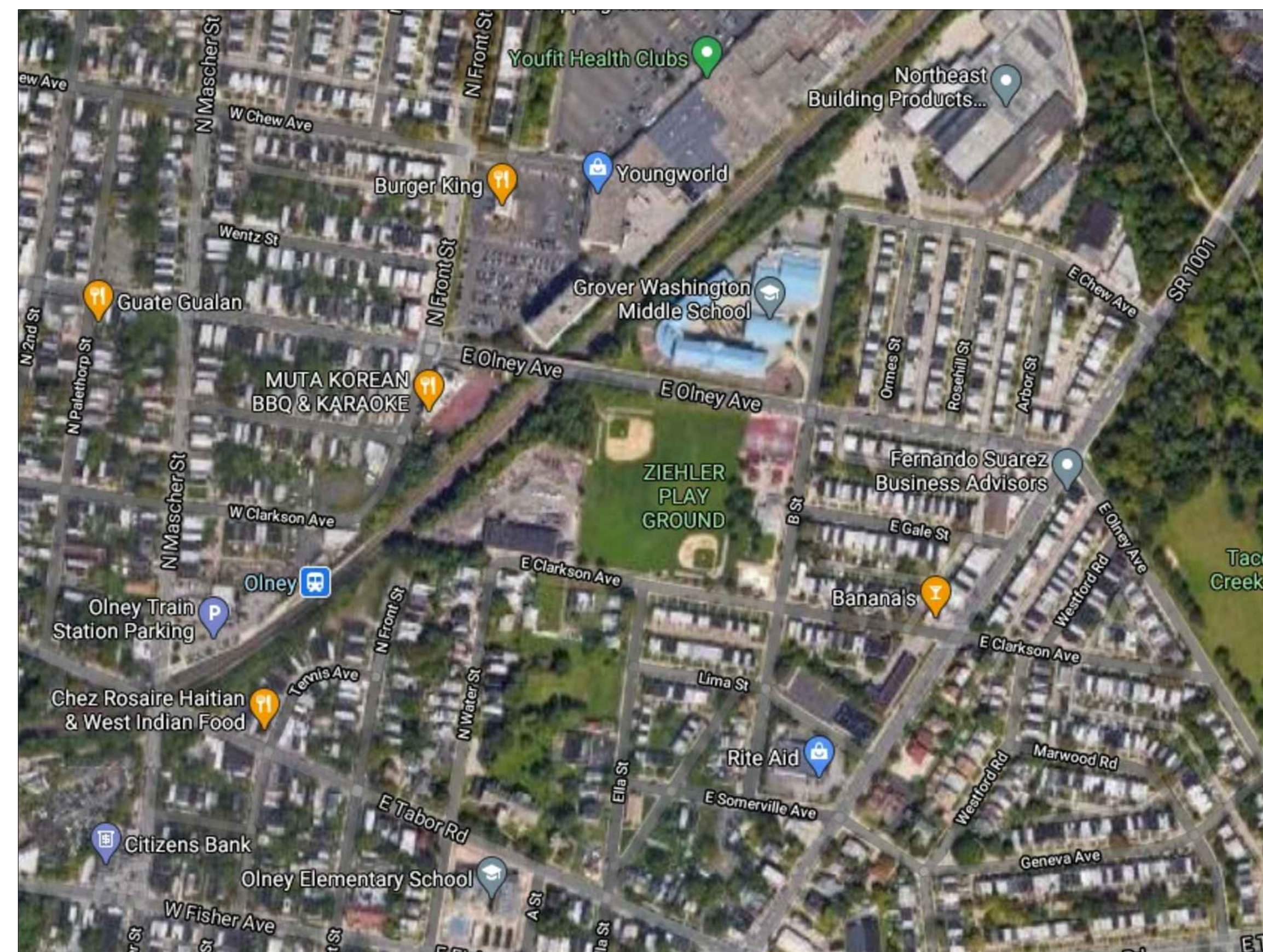
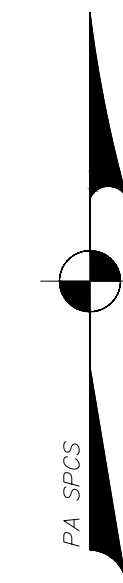
L-506

CITY OF PHILADELPHIA

PHILADELPHIA WATER DEPARTMENT

DRAWINGS FOR: GREEN STORMWATER INFRASTRUCTURE DESIGN PROJECT ZIEHLER PLAYGROUND AND RECREATION CENTER PWD WORK NO. S-50329-G

SHEET INDEX	
SHEET NO.	TITLE
T-1	PWD INDEX SHEET
G-1	STORMWATER AND GRADING PLAN
G-2	STORMWATER PROFILES - SHEET 1
G-3	STORMWATER PROFILES - SHEET 2
G-4	STORMWATER PROFILES - SHEET 3
G-5	STORMWATER PROFILES - SHEET 4
G-6	STORMWATER DETAILS - SHEET 1
G-7	STORMWATER DETAILS - SHEET 2
G-8	STORMWATER DETAILS - SHEET 3
G-9	STORMWATER NOTES
L-1	LANDSCAPE PLAN
L-2	LANDSCAPE DETAILS



SOURCE: GOOGLE MAPS IMAGERY
MAP SCALE: 1" = 300'

LEGEND	
CV	Vent Box - Sewer
CB	Water Curb Box
CB	Gas Curb Box
CB	Unknown Curb Box
CP	Pole
CP	Lamp Post
CP	PECO Pole
CP	PECO Pole w/ Light
OSP	SEPTA Pole
OL	Traffic Light
TS	Traffic Sign
IP	Iron Pole
OB	Ballard
PM	Parking Meter
PK	Parking Kiosk
S	Standpipe
CO	Clean Out
DS	Down Spout
MB	Mail Box
HH	Hand Hole
CH	Cable Handhole
SS	Survey Stone
TCB	Traffic Control Box (Above Ground)
VJB	Verizon Junction Box (Above Ground)
SM	Sewer Manhole
WV	Water Valve
FH	Fire Hydrant
ET	Electrolysis Test Station
HGI	Highway Grate Inlet (4 Denotes 4 FT, 6 Denotes 6 FT)
GI	Grate Inlet (4 Denotes 4 FT, 6 Denotes 6 FT)
CI	City Inlet (4 Denotes 4 FT, 6 Denotes 6 FT)
OICI	Old City Inlet (4 Denotes 4 FT, 6 Denotes 6 FT)
OGI	Old Grate Inlet (4 Denotes 4 FT, 6 Denotes 6 FT)
GV	Gas Valve
UV	Unknown Utility Manhole
DS	Door Sill
UM	Utility Manhole
G	Grating
CD	Cellar Door
S	Steps
P	Porch
PL	Planter
BS	Bus Shelter
CR	Curb Ramp
CCR	Compliant Curb Ramp
TS	Tree/Trunk Size "
TS	10' Stump
TS	Tree Stump w/ Trunk in "
EM	Existing Pavement Markings
H	Hedge
TR	Trash Receptacle
BR	Bike Rack
ETBS	Existing Top/Bottom of Step
ETBC	Existing Top/Bottom of Curb
ES	Existing Spot Elevation
C	Concrete Curb
G	Granite Curb
SL	Slate Curb
C.Fw	Concrete Footway
BR.Fw	Brick Footway
A.Fw	Asphalt Footway
SL.Fw	Slate Footway
DC	Depressed Curb
BR.G	Brick Gutter
D/W	Driveway
St.W	Stone Wall
Br.W	Brick Wall
C.W	Concrete Wall
S.R.E.	Sewer Return Elevation
S.R.L.	Sewer Return Location

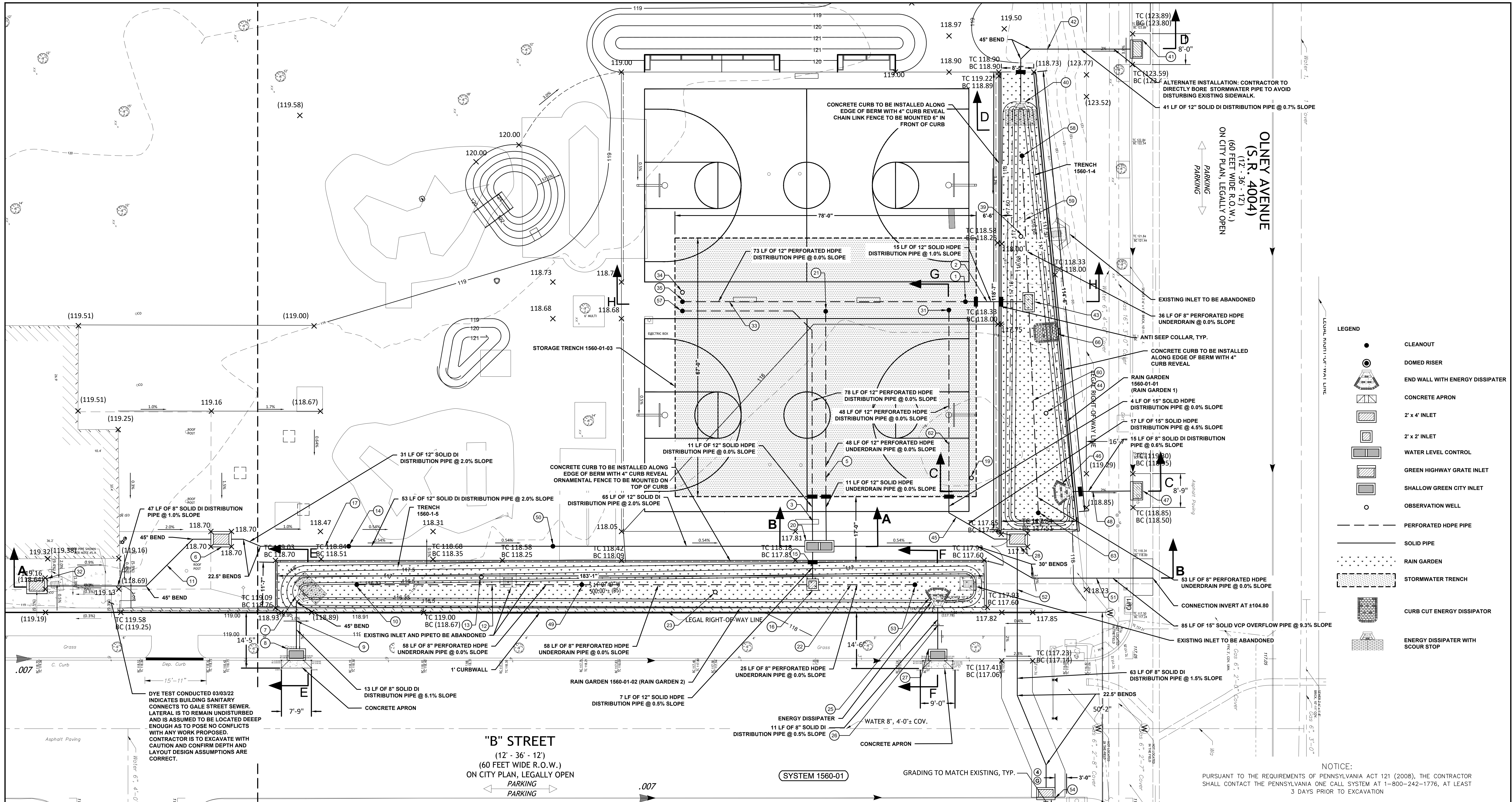
- GENERAL NOTES:
- ALL DISTANCES SHOWN ARE IN DISTRICT STANDARD MEASUREMENT. PAYMENT FOR ALL WORK WILL BE BASED UPON THAT STANDARD.
 - THE LOCATIONS AND ELEVATIONS OF THE EXISTING UTILITIES ARE APPROXIMATE. THE ELEVATIONS OF THE EXISTING UTILITIES MUST BE FIELD CHECKED DURING CONSTRUCTION.
 - ALL SIDEWALK AND CURBING TO BE REPLACED IN KIND ALONG FULL LIMITS OF CONSTRUCTION TO NEXT EXISTING JOINT OR AS DIRECTED BY PWD.
 - WELDED PIPE BOOT SEAL MUST BE INSTALLED AT ANY POINT WHERE A PIPE PENETRATES AN IMPERMEABLE GEOMEMBRANE LINER.
 - SUFFICIENT EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR AS TO PREVENT STANDING WATER OR SEDIMENTATION OF STORMWATER SYSTEMS. SYSTEMS DETERMINED BY PWD TO BE INADEQUATELY PROTECTED AND THEREBY COMPROMISED WILL BE REPLACED TO THE EXTENT REQUIRED BY PWD (UP TO AND INCLUDING FULL REPLACEMENT) AT NO ADDITIONAL COST TO PWD.
 - ORIFICE SHOULD NOT BE DRILLED PRIOR TO AUTHORIZATION BY PWD. PWD WILL REVIEW THE RESULTS OF THE DOUBLE RING INFILTRATOR TESTS CONDUCTED AFTER SMP EXCAVATION AND WILL CONFIRM ORIFICE DIMENSIONS.
 - EROSION CONTROL MATTING SHALL BE PLACED OVER ALL SOIL SURFACES NOT STABILIZED BY PLANTING.

PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
08-15-2022



GREEN STORMWATER INFRASTRUCTURE PROJECT

INDEX SHEET	
ZIEHLER PLAYGROUND REBUILD	
APPROVED	MELIORA DESIGN
APPROVED	DEPUTY COMMISSIONER, PLANNING & ENVIRONMENTAL SERVICES
APPROVED	WATER COMMISSIONER
CITY OF PHILADELPHIA WATER DEPARTMENT	
1" = 300'	
WORK NO. S-50329-G	
SHEET NO. T-1 OF 12 SHEETS	
DRAWN BY: MUR, MAD	08/15/22
PROJECT ENGR: AMM	08/15/22
SUPERVISOR	DATE



LEGEND

	CLEANOUT
	DOMED RISER
	END WALL WITH ENERGY DISSIPATOR
	CONCRETE APRON
	2' x 4' INLET
	2' x 2' INLET
	WATER LEVEL CONTROL
	GREEN HIGHWAY GRATE INLET
	SHALLOW GREEN CITY INLET
	OBSERVATION WELL
	PERFORATED HDPE PIPE
	SOLID PIPE
	RAIN GARDEN
	STORMWATER TRENCH
	CURB CUT ENERGY DISSIPATOR
	ENERGY DISSIPATOR WITH SCOUR STOP

NOTICE:
 PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION.

WARD NUMBER: 42
 DRAINAGE SHT. NO.: 70
 SURVEY DISTRICT NO.: 5
 OUTFALL NO.:
 PA ONE CALL: 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
 STORMWATER AND GRADING PLAN
 SYSTEM 1560-01
 OLNEY STREET AND B STREET**

APPROVED: MELIORA DESIGN

PHILADELPHIA WATER DEPARTMENT
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA
SALT DESIGN STUDIO
 LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN
meliora
 Civil, Water Resources, and Structural Engineering
 209 Morgan St., Pottsville, PA 17859
 P: 610.933.0123 | www.melioradesign.com

CITY OF PHILADELPHIA WATER DEPARTMENT

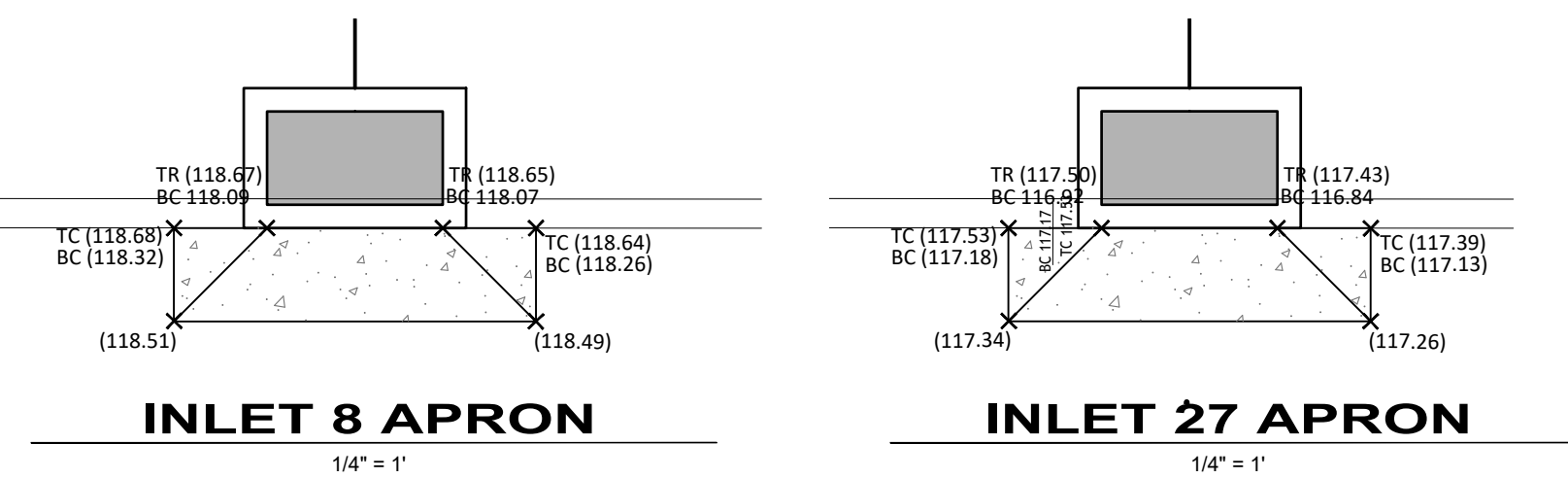
SCALE: PLAN 1"=10'
 PROFILE VERT. 1"=10'
 HORIZ. 1"=5'
 SECTION 1/4"=4'

WORK NO. S-50329-G
 SHEET NO. G-1 OF 12 SHEETS

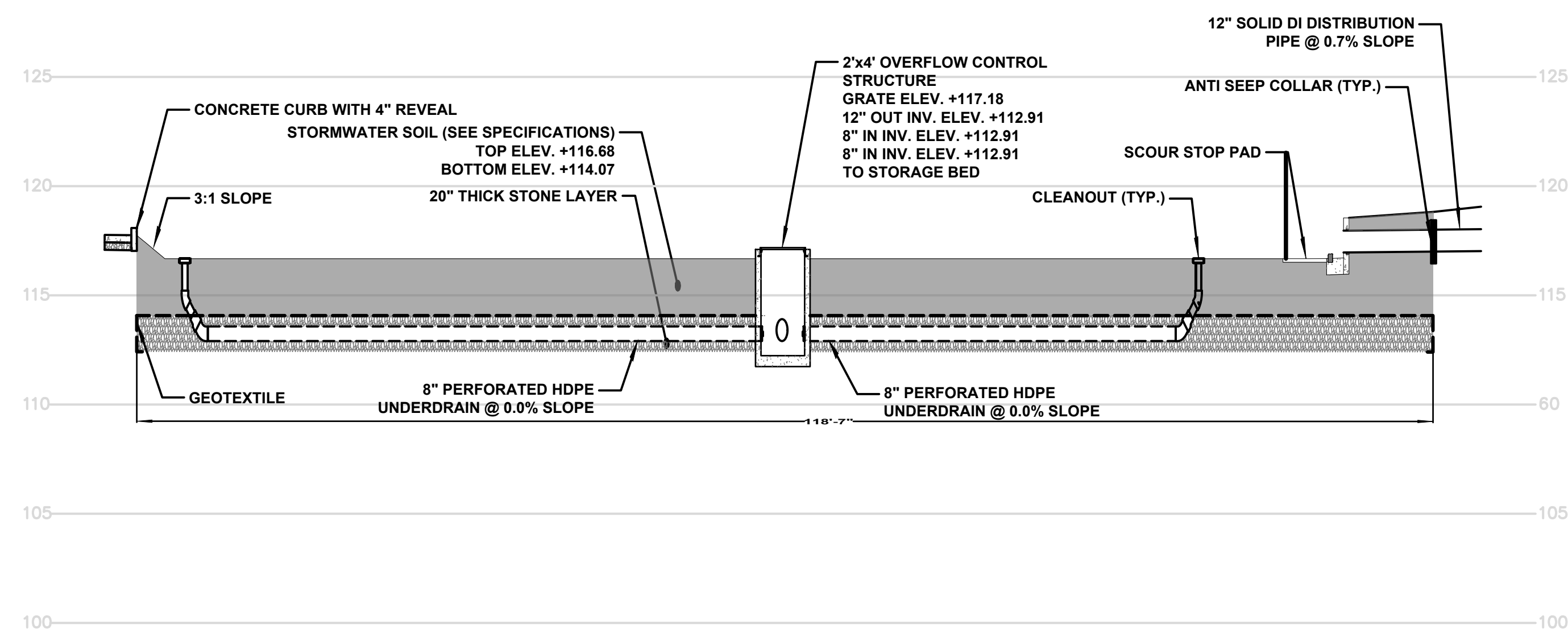
DRAWN BY	MJR_MAD	08/15/22
PROJECT ENGR	AMM	08/15/22
SUPERVISOR		DATE

#	COMPONENT ID	COMPONENT TYPE	PIPE LENGTH (FT)
1	G15600103-50-35	CLEANOUT	N/A
2	G15600103-20-20	SOLID/PERFORATED DISTRIBUTION PIPE	43
3	G15600103-20-15	SOLID/PERFORATED DISTRIBUTION PIPE	89
5	G15600103-21-05	SOLID/PERFORATED UNDERDRAIN	59
6	G15600103-14-10	GREEN HIGHWAY INLET	N/A
7	G15600103-45-05	ENDWALL WITH SCOUR STOP	N/A
8	G15600102-17-05	SHALLOW CITY INLET WITH CONCRETE APRON	N/A
9	G15600102-20-05	SOLID DISTRIBUTION PIPE	13
10	G15600105-50-05	CLEANOUT	N/A
11	G15600103-20-05	SOLID DISTRIBUTION PIPE	47
12	G15600105-21-05	PERFORATED UNDERDRAIN	116
13	G15600105-51-05	OBSERVATION WELL	N/A
14	G15600103-50-05	CLEANOUT	N/A
15	G15600105-25-05	OVERFLOW PIPE	7
16	G15600102-63-05	2'x2' OVERFLOW STRUCTURE	N/A
17	G15600103-20-10	SOLID DISTRIBUTION PIPE	189
19	G15600103-51-05	OBSERVATION WELL	N/A
20	G15600103-63-05	WATER LEVEL CONTROL STRUCTURE	N/A
21	G15600103-50-25	CLEANOUT	N/A
22	G15600105-21-10	PERFORATED UNDERDRAIN	25
23	G15600105-51-10	OBSERVATION WELL	N/A
25	G15600103-45-10	ENDWALL WITH ENERGY DISSIPATOR	N/A
26	G15600102-20-10	SOLID DISTRIBUTION PIPE	11
27	G15600102-17-10	SHALLOW CITY INLET WITH CONCRETE APRON	N/A
28	G15600103-14-20	GREEN HIGHWAY INLET	N/A
31	G15600103-50-30	CLEANOUT	N/A
32	G15600103-14-05	GREEN HIGHWAY INLET	N/A
34	G15600103-51-10	OBSERVATION WELL	N/A

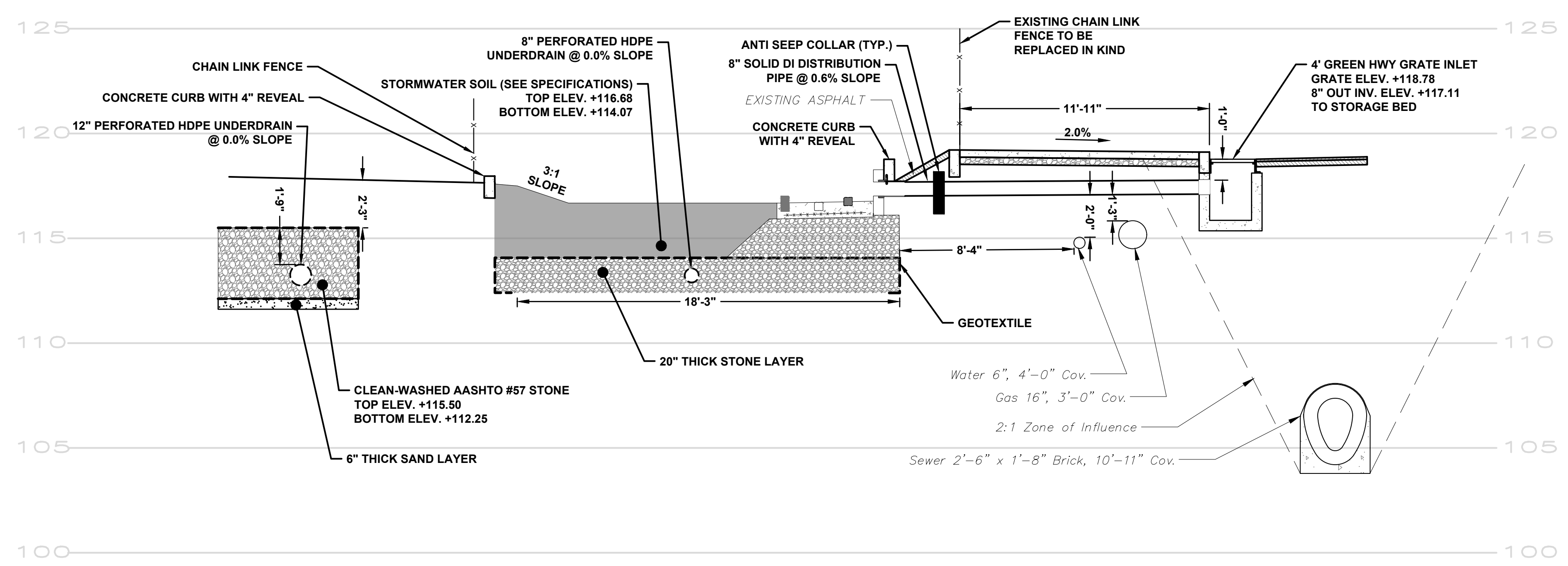
35	G15600103-50-20	CLEANOUT	N/A
39	G15600104-51-05	OBSERVATION WELL	N/A
40	G15600101-45-10	ENDWALL WITH SCOUR STOP	N/A
41	G15600101-14-10	GREEN HIGHWAY INLET	N/A
42	G15600101-20-10	SOLID DISTRIBUTION PIPE	41
43	G15600101-63-05	2' x 4' OVERFLOW STRUCTURE	N/A
44	G15600104-51-10	OBSERVATION WELL	N/A
46	G15600101-45-05	ENDWALL WITH ENERGY DISSIPATOR	N/A
47	G15600101-14-05	GREEN HIGHWAY INLET	N/A
48	G15600101-20-05	SOLID DISTRIBUTION PIPE	15
49	G15600105-50-10	CLEANOUT	N/A
50	G15600103-50-10	CLEANOUT	N/A
51	G15600105-25-10	SOLID OVERFLOW PIPE	85
52	G15600103-20-30	SOLID DISTRIBUTION PIPE	63
53	G15600105-50-15	CLEANOUT	N/A
54	G15600103-14-15	GREEN HIGHWAY INLET	N/A
57	G15600103-50-15	CLEANOUT	N/A
58	G15600104-50-10	CLEANOUT	N/A
59	G15600104-21-10	PERFORATED UNDERDRAIN	36
60	G15600104-21-05	PERFORATED UNDERDRAIN	53
62	G15600103-20-25	PERFORATED DISTRIBUTION PIPE	48
63	G15600104-50-05	CLEANOUT	N/A



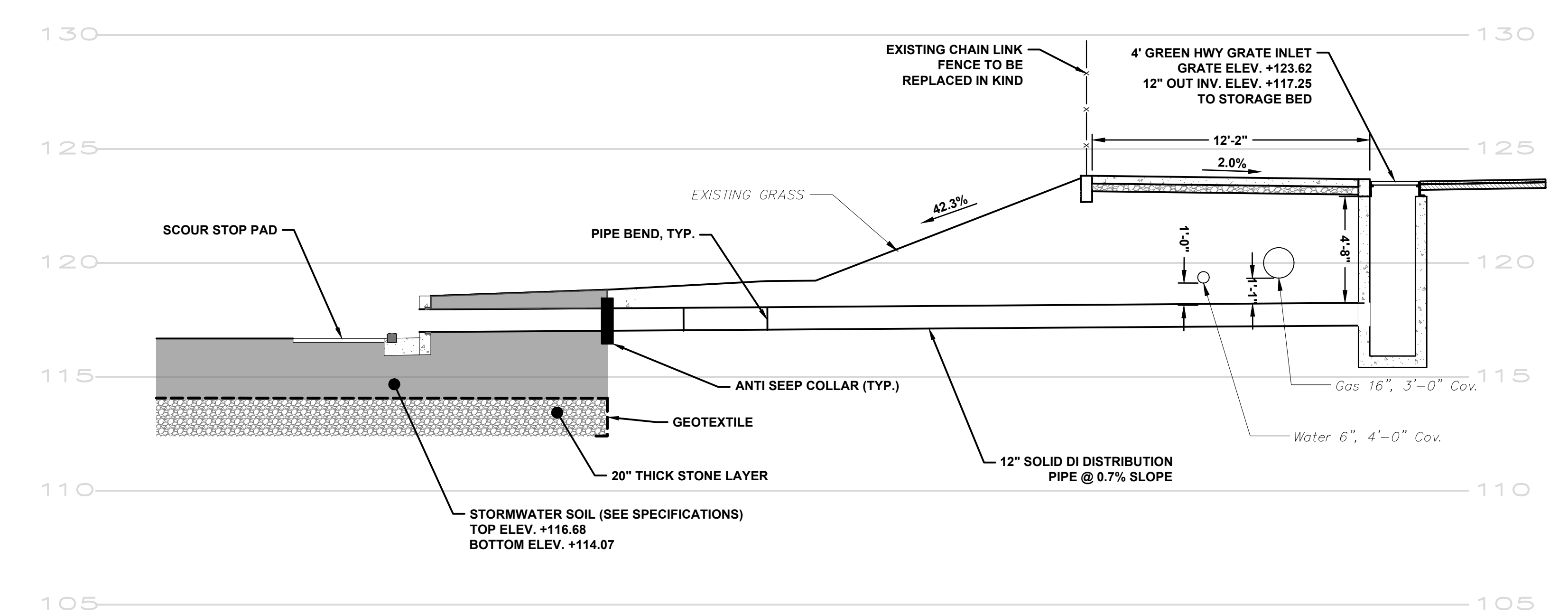
PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
08-15-2022



SYSTEM 1560-01-01
ELEVATION VIEW
 HORIZONTAL SCALE: 1" = 10'-0"
 VERTICAL SCALE: 1" = 5'-0"



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



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

NOTICE:
 PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION

WARD NUMBER 42
 HIGHWAY DISTRICT NO. 5 DRAINAGE SHT. NO. 70
 SURVEY DISTRICT NO. 5 OUTFALL NO. _____ PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
 STORMWATER PROFILES – SHEET 2
 SYSTEM 1560-01-01 – E. OLNEY AVE
 N. FRONT STREET AND B STREET**

APPROVED _____ MELIORA DESIGN _____

CITY OF PHILADELPHIA WATER DEPARTMENT

PROFESSIONAL ENGINEER
 ATTJE M. MACY
 REGISTERED PROFESSIONAL ENGINEER
 PENNSYLVANIA

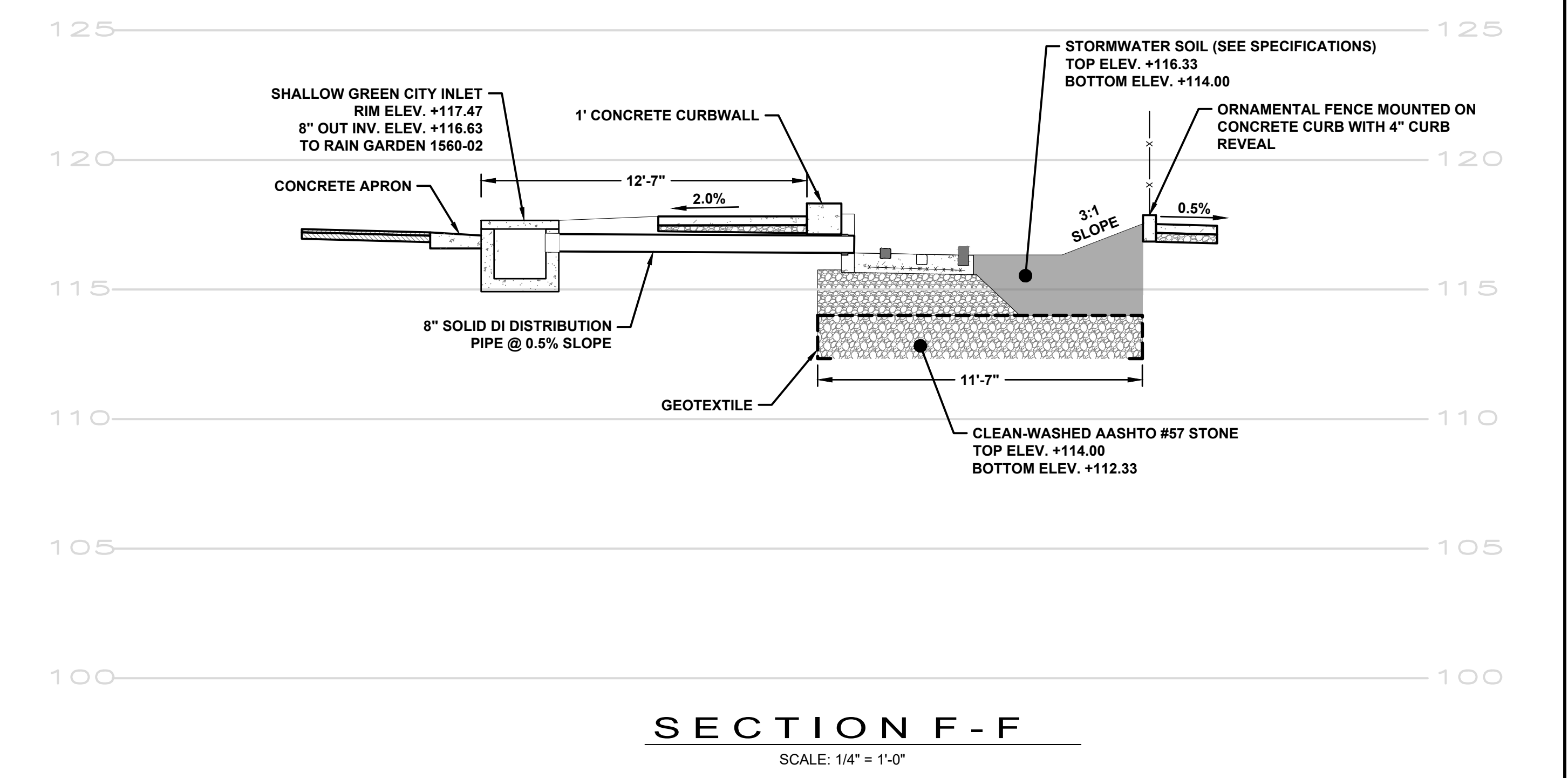
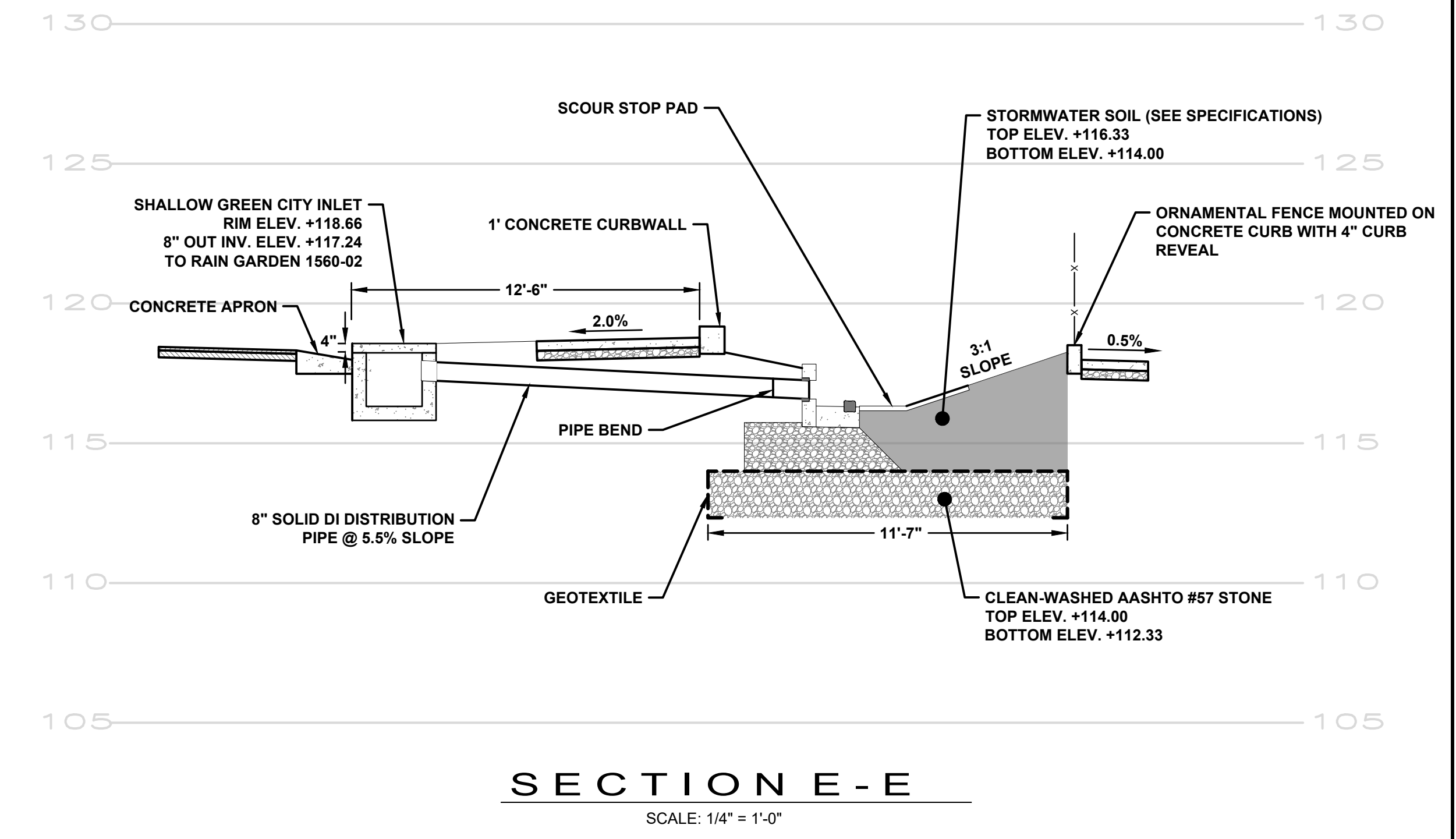
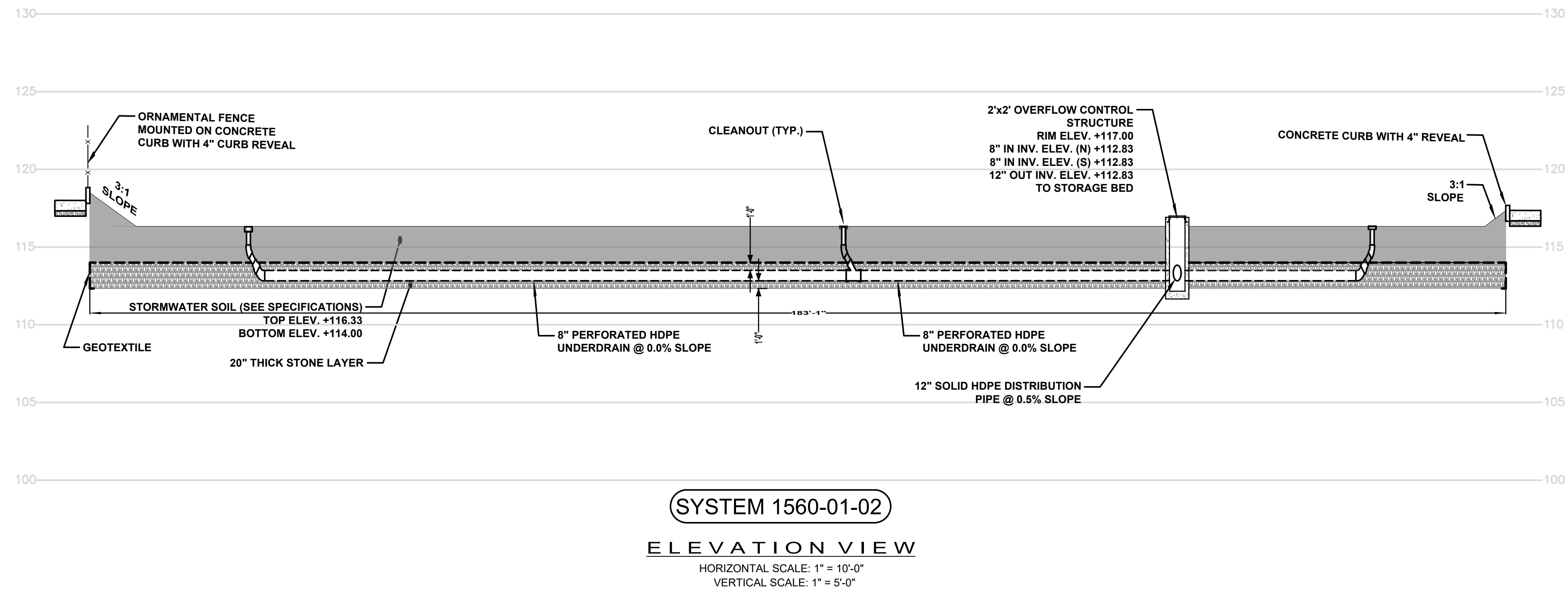
SCALES:
 PLAN 1"=10'
 PROFILE VERT. 1"=10'
 HORIZ. 1"=5'
 SECTION 1/4"=4'

DRAWN BY	MJR, MAD	08/15/22
PROJECT ENGR.	AMM	08/15/22
SUPERVISOR		DATE

WORK NO. S-50329-G
 SHEET NO. G-3 OF 12 SHEETS

PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
 08-15-2022

PHILADELPHIA WATER DEPARTMENT
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA
SALT DESIGN STUDIO
 LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN
meliora
 Civil, Water Resources, and Structural Engineering
 209 Morgan St., Pottsville, PA 19459
 P. 610.933.0123 | www.melioradesign.com



NOTICE:
 PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION.

WARD NUMBER 42
 HIGHWAY DISTRICT NO. 5 DRAINAGE SHT. NO. 70
 SURVEY DISTRICT NO. 5 OUTFALL NO. _____ PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
 STORMWATER PROFILES – SHEET 3
 SYSTEM 1160-01-02 – B STREET
 E. OLNEY AVE TO E. CLARKSON AVE**

APPROVED _____ MELIORA DESIGN

CITY OF PHILADELPHIA
 WATER DEPARTMENT

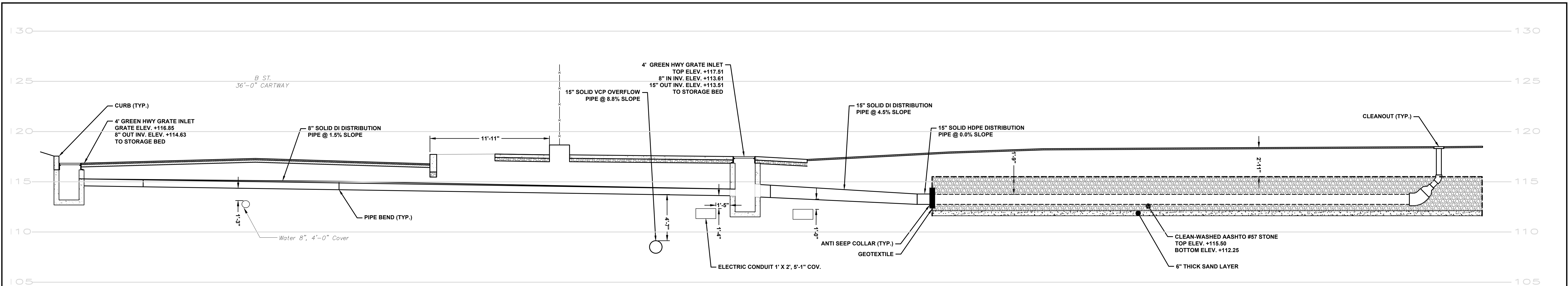
SCALES:
 PLAN 1"=10'
 PROFILE VERT. 1"=10'
 HORIZ. 1"=5'
 SECTION 1/4"=4'

WORK NO. S-50329-G
 SHEET NO. G-4 OF 12 SHEETS

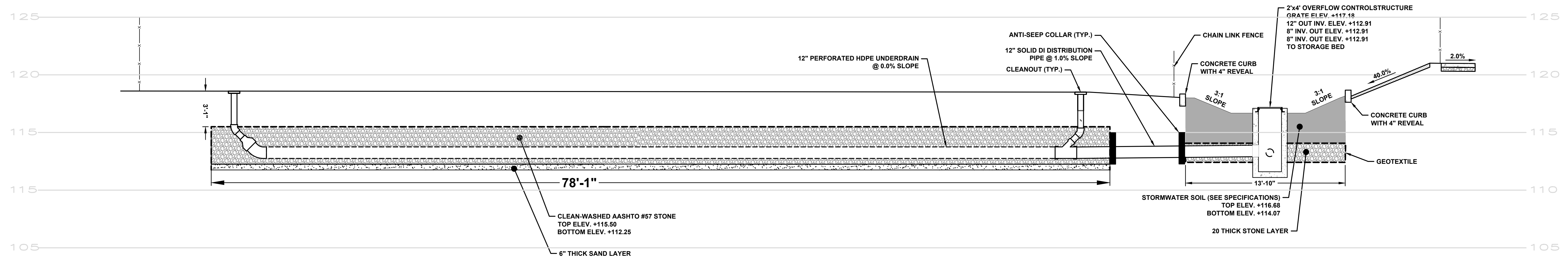
DRAWN BY	MJR_MAD	08/15/22
PROJECT ENGR	AMM	08/15/22
SUPERVISOR		DATE

PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
 08-15-2022

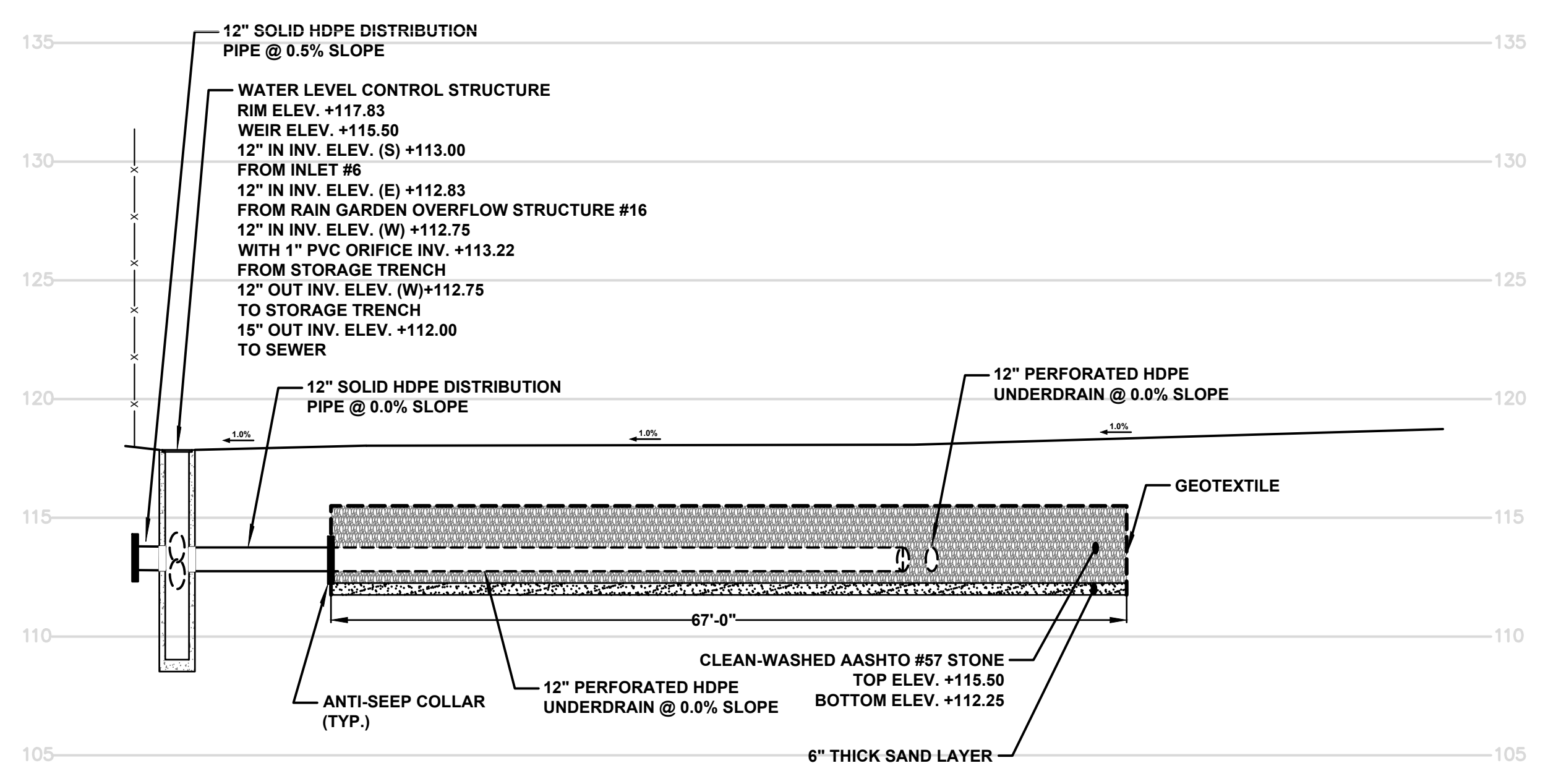
PHILADELPHIA WATER DEPARTMENT
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA
SALT DESIGN STUDIO
 LANDSCAPE ARCHITECTURE
 PLANNING & URBAN DESIGN
meliora
 Civil, Water Resources, and Structural Engineering
 209 Morgan St., Pottsville, PA 17854
 P. 610.933.0123 | www.melioradesign.com



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



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



SYSTEM 1560-01-03
ELEVATION VIEW
HORIZONTAL SCALE: 1" = 10'-0"
VERTICAL SCALE: 1" = 5'-0"

NOTICE:
PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION.

HIGHWAY DISTRICT NO. 5 WARD NUMBER 42
SURVEY DISTRICT NO. 5 DRAINAGE SHT. NO. 70
OUTFALL NO. _____ PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
STORMWATER PROFILES – SHEET 4
SYSTEM 1560-01-03
B STREET AND E. OLNEY STREET**

PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
08-15-2022



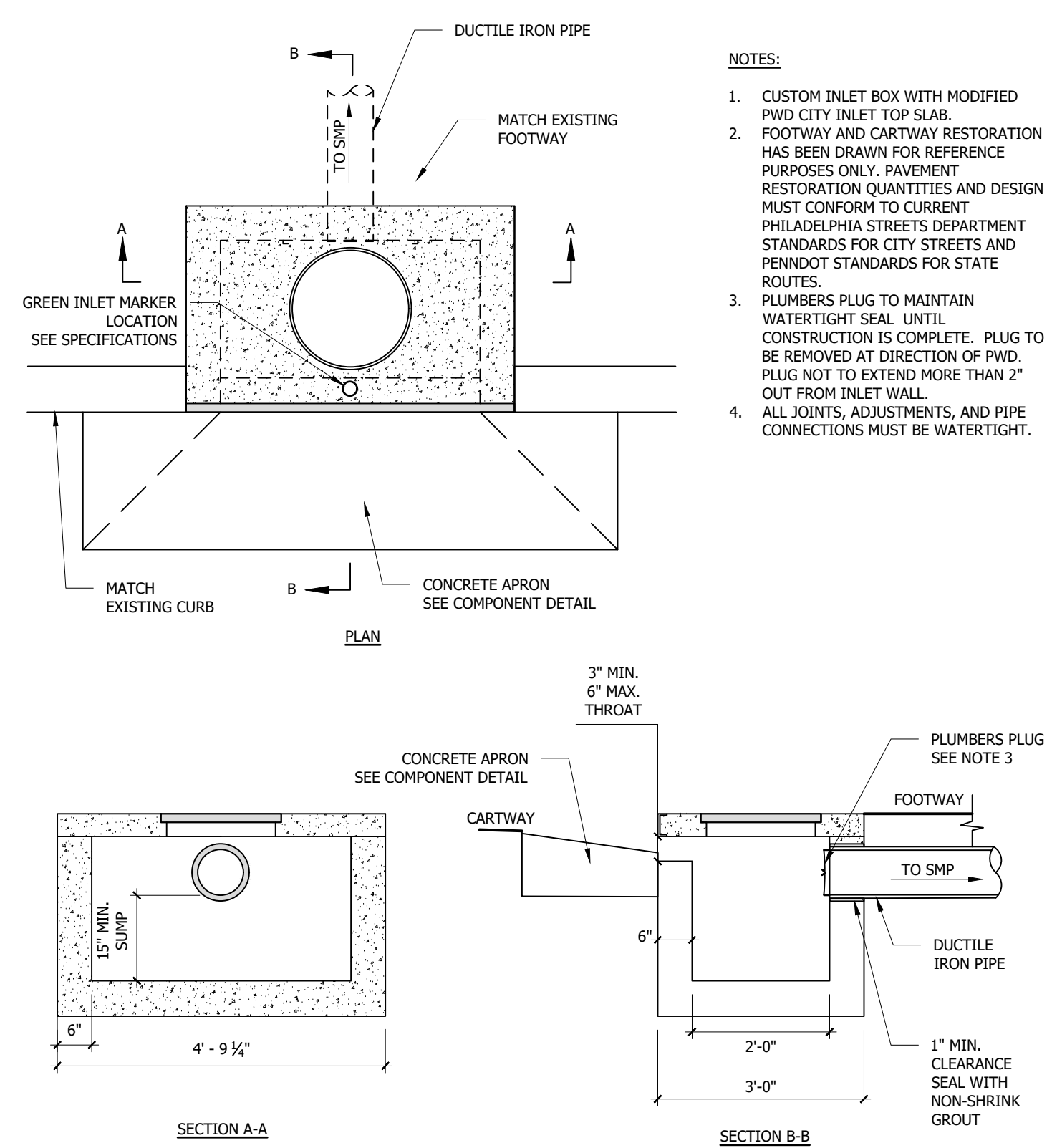
APPROVED _____ MELIORA DESIGN

CITY OF PHILADELPHIA
WATER DEPARTMENT

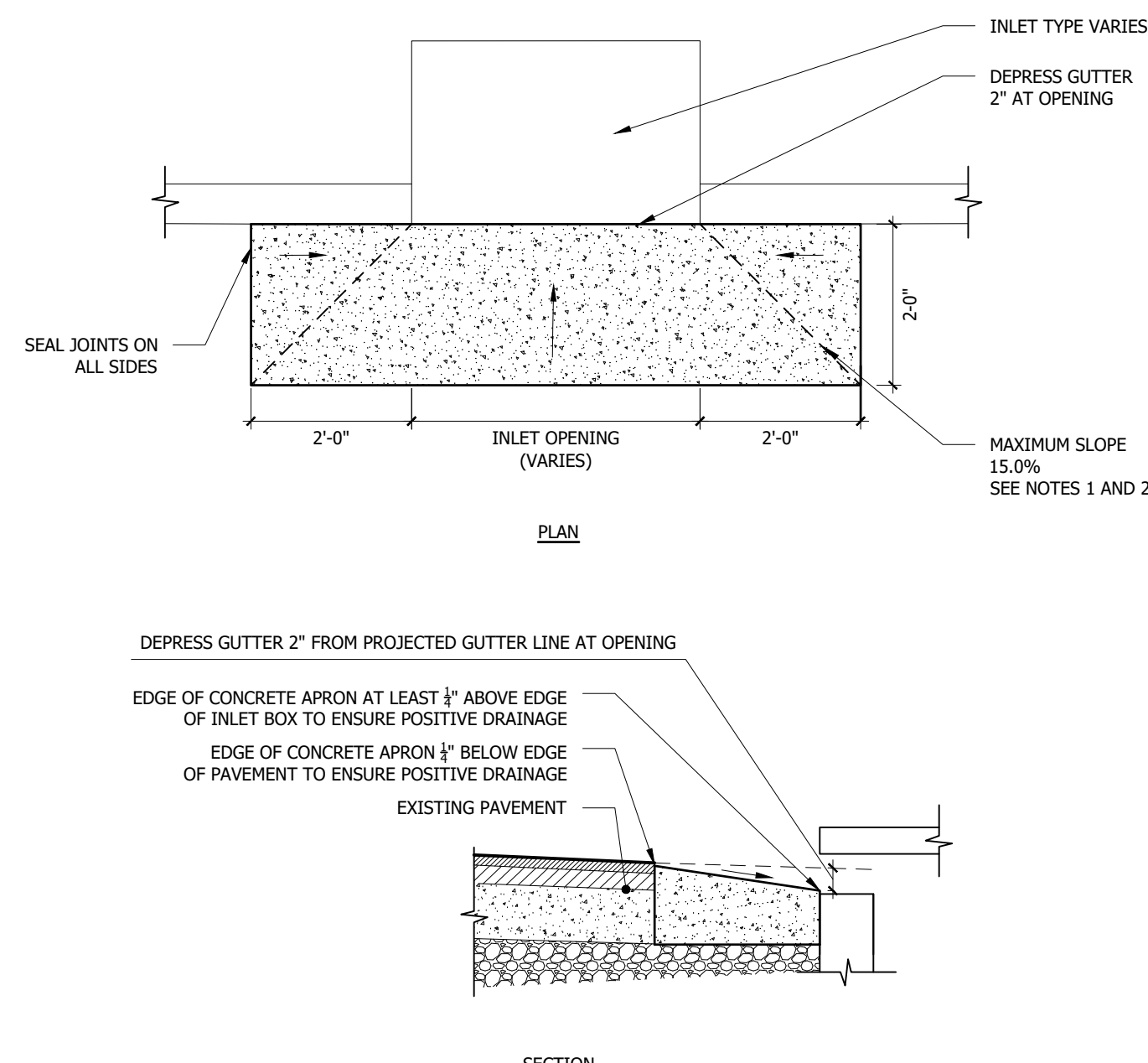
SCALES:
PLAN 1"=10'
PROFILE VERT. 1"=10'
HORIZ. 1"=5'
SECTION 1/4"=4'

WORK NO. S-50329-G
SHEET NO. G-5 OF 12 SHEETS

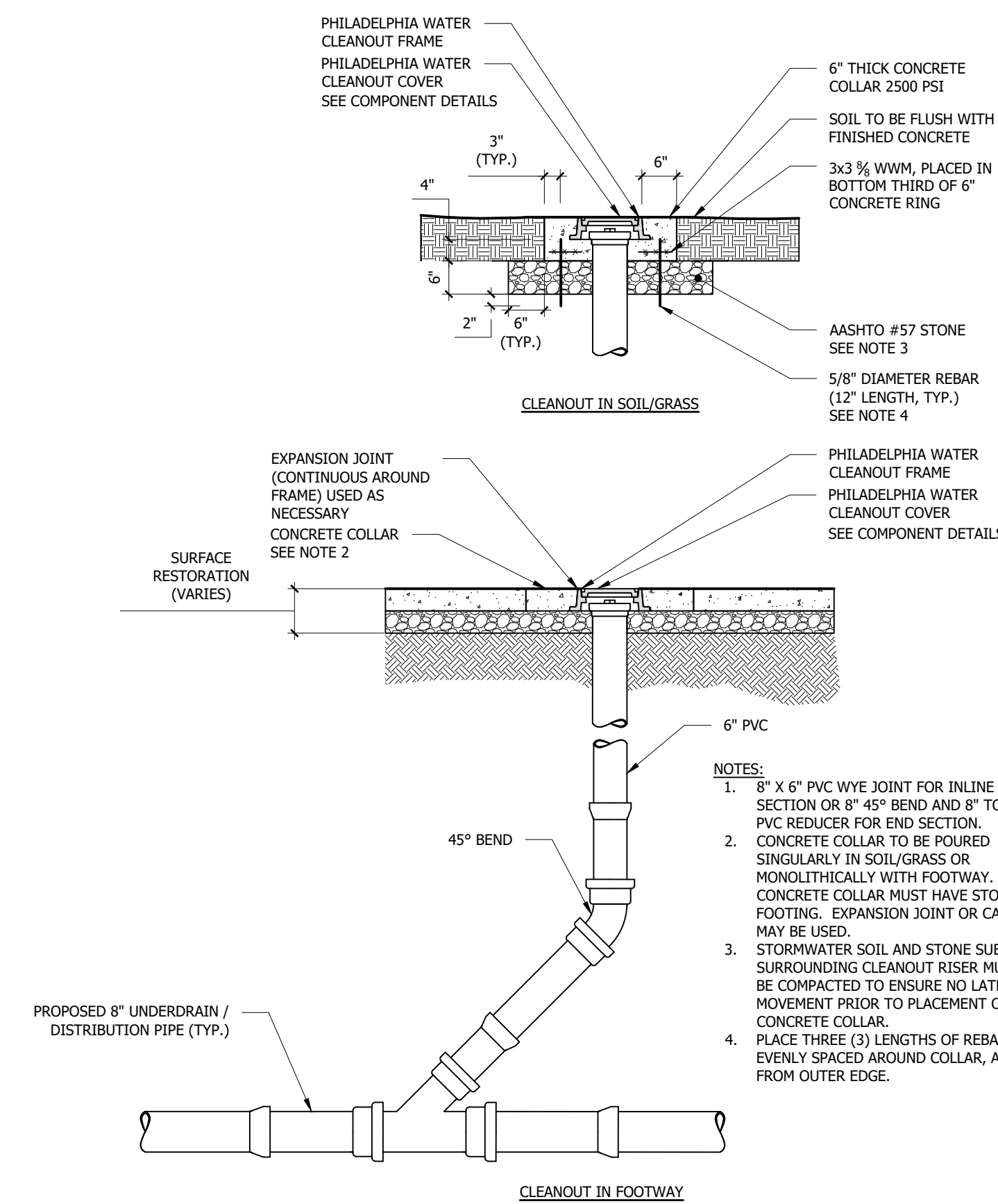
DRAWN BY	MJR_MAD	08/15/22
PROJECT ENGR.	AMM	08/15/22
SUPERVISOR		DATE



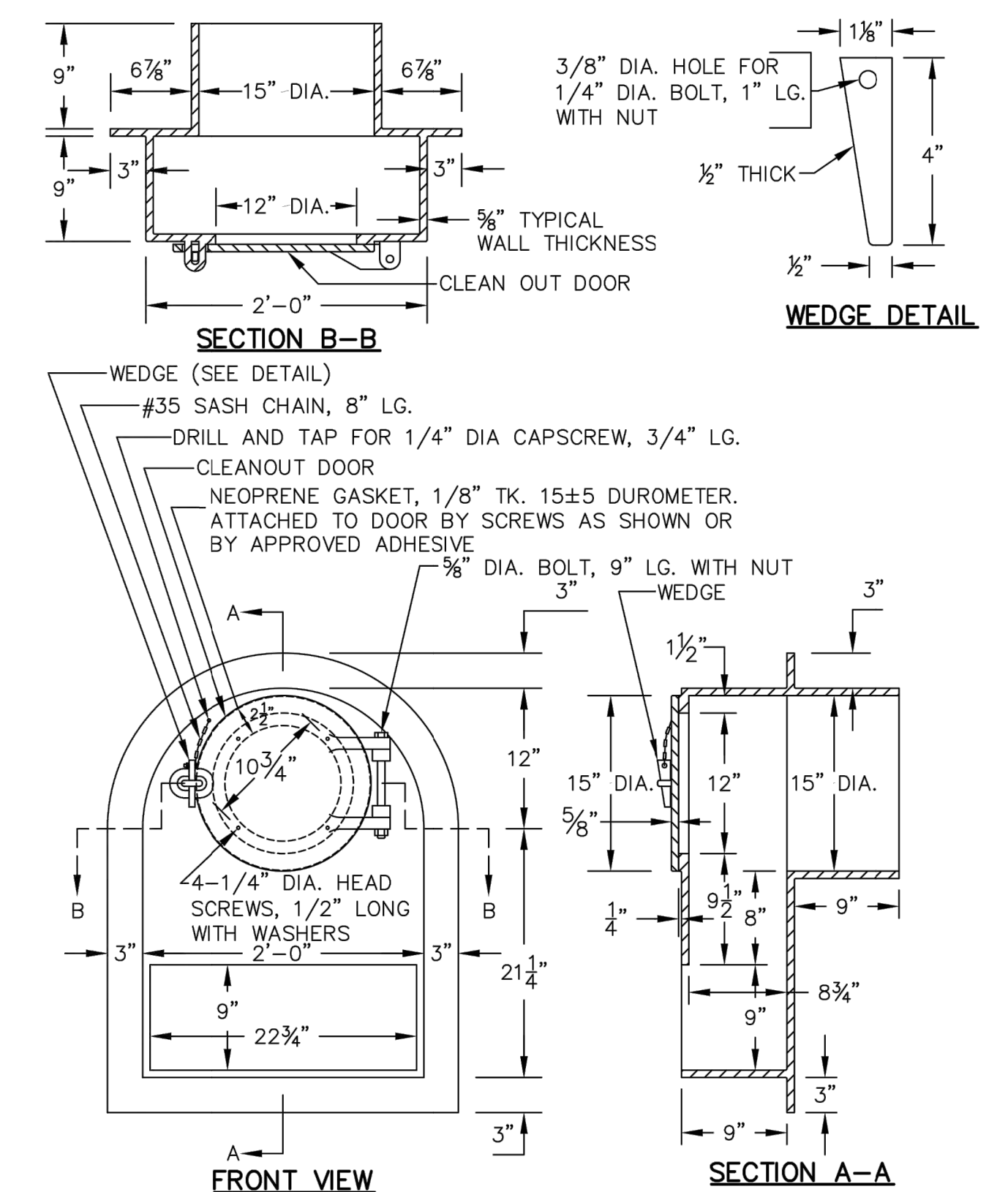
SHALLOW GREEN CITY INLET
1/2" = 1'-0"



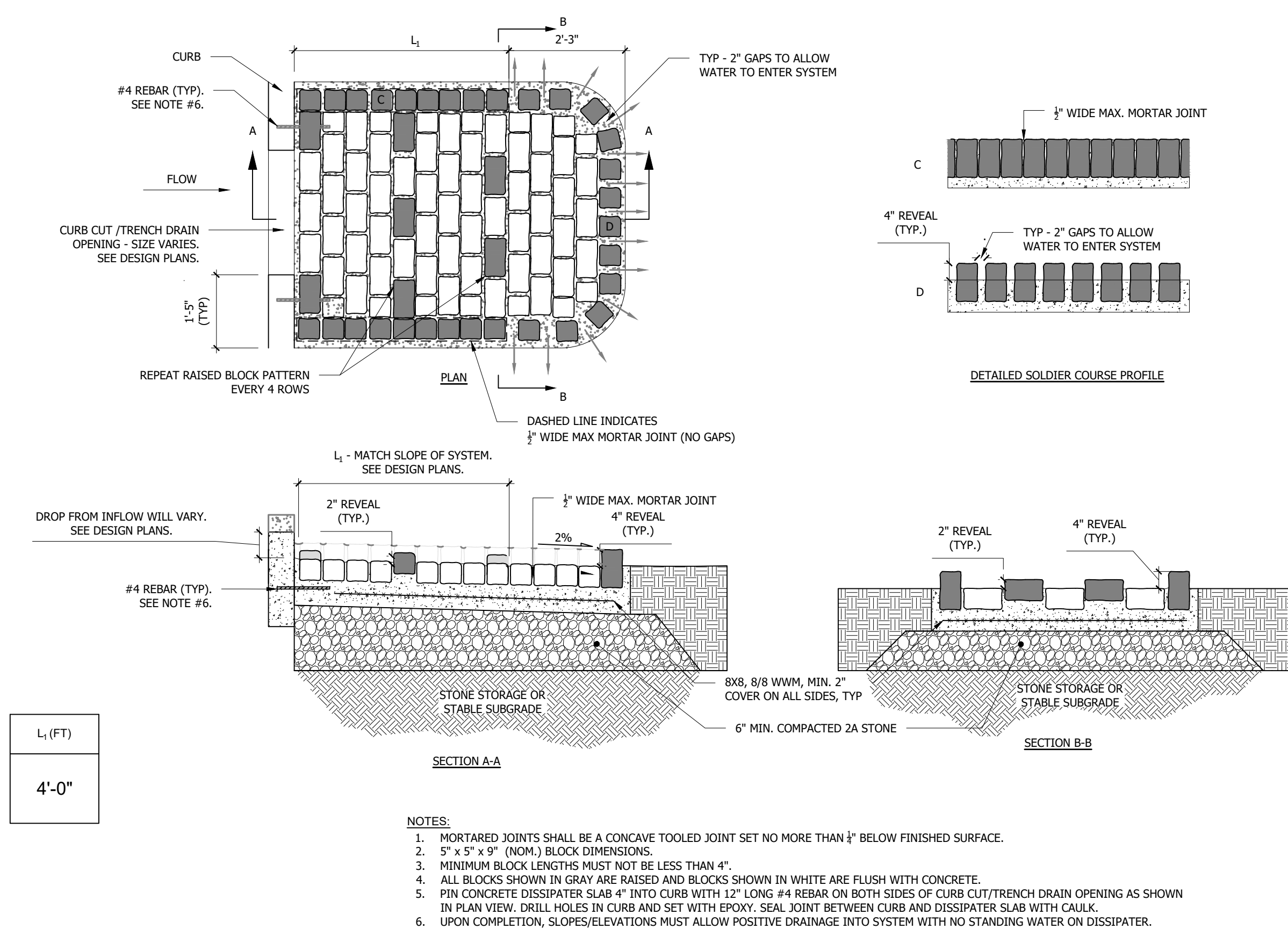
CONCRETE APRON
1/2" = 1'-0"



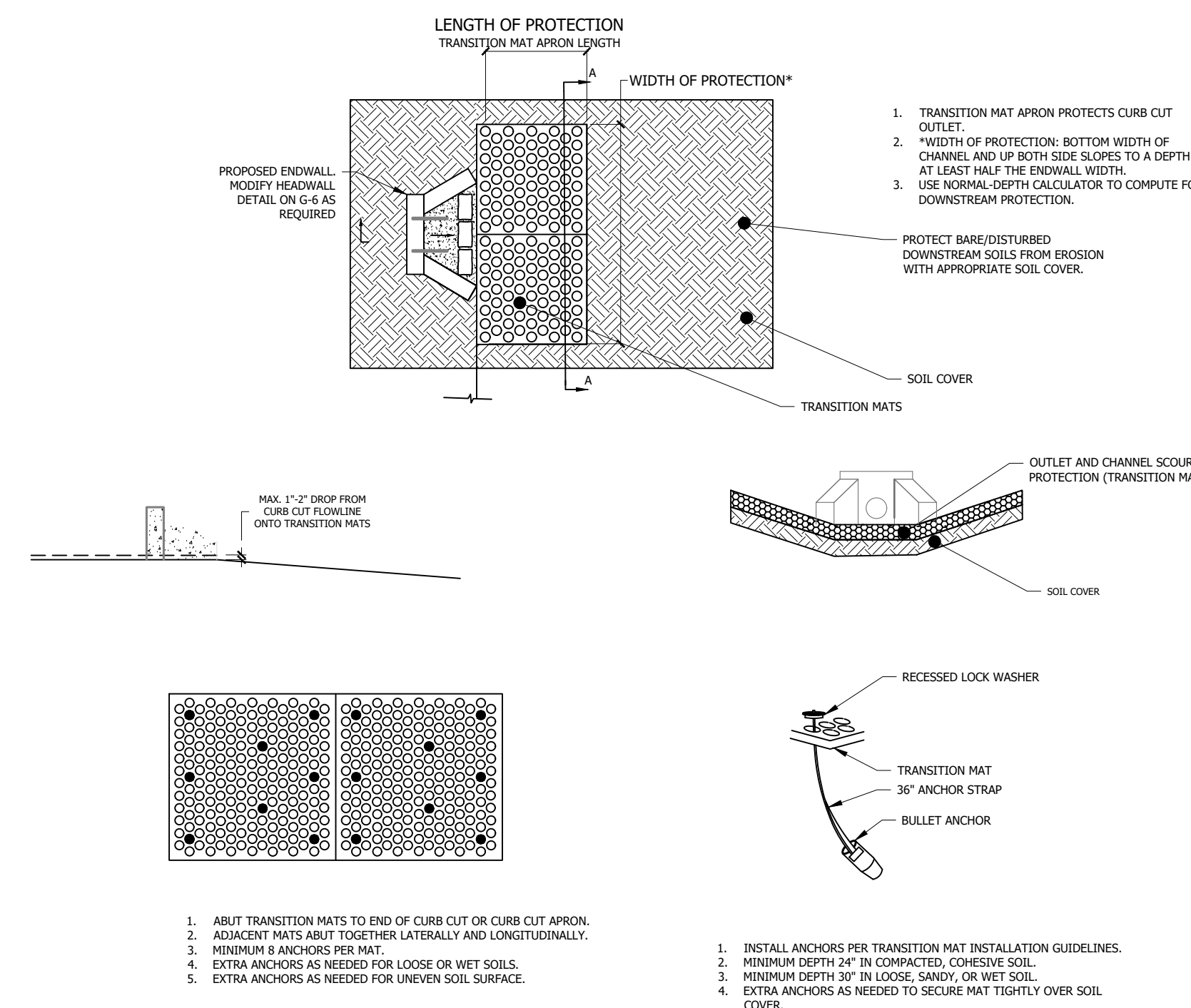
CLEANOUT
1/2" = 1'-0"



OUTLET CONTROL STRUCTURE TRAP
1/2" = 1'-0"



CURB CUT/TRENCH DRAIN ENERGY DISSIPATER
1/2" = 1'-0"



SCOUR MAT AND ENDWALL DETAIL
N.T.S.

PWD TRACKING NUMBER: FY21-2IEH-6284-01
ISSUE FOR BIDDING
08-15-2022

PHILADELPHIA WATER DEPARTMENT	INLET TRAP
DRAWN BY: D&B GUARINO	DATE: JAN. 2019
CHECKED BY: WD	DETAIL ID: INLET-08
	REV: 0

NOTICE: PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION.

HIGHWAY DISTRICT NO.	5	WARD NUMBER	42
SURVEY DISTRICT NO.	5	DRAINAGE SHT. NO.	70
		OUTFALL NO.	

PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

ZIEHLER PLAYGROUND REBUILD
STORMWATER DETAILS - SHEET 3

APPROVED _____ MELIORA DESIGN

CITY OF PHILADELPHIA WATER DEPARTMENT

SCALE: PLAN 1"=10'
PROFILE VERT. 1"=10'
HORIZ. 1"=5'
SECTION 1/4"=4'

WORK NO. S-50329-G
SHEET NO. G-8 OF 12 SHEETS

DRAWN BY: MJR, MAD	08/15/22
PROJECT ENGR: AMM	08/15/22
SUPERVISOR	DATE

PHILADELPHIA WATER DEPARTMENT

PHILADELPHIA PARKS & RECREATION

Rebuild PHILADELPHIA

SALT DESIGN STUDIO
LANDSCAPE ARCHITECTURE
PLANNING & URBAN DESIGN

meliora
Civil, Water Resources, and Structural Engineering
609 Monaca Dr., Pottsville, PA 19460
P: 610.933.0323 | www.melioradesign.com

GREEN STORMWATER INFRASTRUCTURE NOTES

1. THE CONTRACTOR PERFORMING THE GREEN STORMWATER INFRASTRUCTURE INSTALLATION MUST BE PREQUALIFIED BY THE PHILADELPHIA WATER DEPARTMENT (PWD). CONTACT MR. BRIAN MOHL OF THE PROJECTS MANAGEMENT UNIT AT (215) 685-6339.
2. THE APPROVED WORK SHALL BE DONE IN THE PRESENCE OF A PWD INSPECTOR.
3. THE CONTRACTOR PERFORMING THIS WORK IS TO NOTIFY THE PWD CONSTRUCTION DIVISION, 1101 MARKET STREET, 2nd FLOOR, PHONE (215) 685-6345, AT LEAST 7 DAYS IN ADVANCE FOR ASSIGNMENT OF AN INSPECTOR TO THE JOB.
4. THE CONTRACTOR MUST PROVIDE OFFICE SPACE FOR USE BY THE PWD INSPECTOR DURING CONSTRUCTION.
5. APPROVAL OF THESE PLANS BY THE WATER DEPARTMENT IS STRICTLY LIMITED TO THE DESIGN OF GREEN STORMWATER INFRASTRUCTURE SHOWN WITHIN THE LIMITS OF THE CITY OF PHILADELPHIA PUBLIC RIGHT OF WAY.
6. CONTACT MR. ERIK SMITH, PWD-WATER TRANSPORT RECORDS, 1101 MARKET STREET, 2ND FLOOR, PHONE (215) 685-6270, FOR ADDITIONAL APPROVALS AND PERMITS REQUIRED FOR ALL SEWER CONNECTIONS TO EXISTING AND/OR PROPOSED PWD FACILITIES.
7. FIELD-FABRICATED WYE BRANCHES AND BENDS ARE NOT PERMITTED.
8. A LIST OF ALL MATERIALS AND SUPPLIERS MUST BE SUBMITTED TO THE PWD CONSTRUCTION BRANCH FOR APPROVAL.
9. THE CONTRACTOR OR ENGINEER IS RESPONSIBLE FOR OBTAINING ALL ADDITIONAL PERMITS AND APPROVALS FROM ALL AFFECTED CITY AGENCIES AND UTILITIES.
10. PRIOR TO OBTAINING A BUILDING PERMIT, THE CONTRACTOR IS REQUIRED TO OBTAIN PWD STORMWATER MANAGEMENT APPROVAL, AND SEWAGE FACILITIES PLANNING (ACT 537) APPROVAL.
11. ANY CHANGE TO, OR DEVIATION FROM, THE FINAL APPROVED DESIGN PLANS DURING CONSTRUCTION MUST BE APPROVED BY THE ASSIGNED PWD-CONSTRUCTION DIVISION ENGINEER AND BY THE PWD DESIGN PROJECT ENGINEER.
12. PWD RESERVES THE RIGHT TO REQUEST ADDITIONAL BORINGS DURING CONSTRUCTION SHOULD THE SOIL EXCAVATED IN THAT AREA APPEAR TO BE UNSUITABLE.
13. ANY TRENCH WHERE THE CUT IS DEEPER THAN 10 FEET WILL REQUIRE A DETAILED SHORING PLAN PREPARED BY A REGISTERED PROFESSIONAL ENGINEER TO BE SUBMITTED TO PWD FOR APPROVAL BEFORE WORK CAN BEGIN.
14. PLACE AND COMPACT BACKFILL IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR EXCAVATION, REFILLING, GRADING, LANDSCAPING AND REPAVING.
15. ALL SIDEWALK AND CURBING TO BE REPLACED IN KIND ALONG FULL LIMITS OF CONSTRUCTION TO NEXT EXISTING JOINT OR AS DIRECTED BY PWD.
16. MAINTAIN AND PROTECT EXISTING INLETS. SHOULD THE EXISTING INLETS BE IN ANY WAY DAMAGED DURING CONSTRUCTION, THESE SHOULD BE REPAIRED TO THE SATISFACTION OF THE PWD INSPECTOR OR REPLACED PER PWD STANDARDS.
17. CONTRACTOR MUST COMPLY WITH EROSION AND SEDIMENT CONTROL REQUIREMENTS DURING CONSTRUCTION. SEE PWD REGULATION 501.3 AND 600.4, PHILA CODE S. 13-603, AND 25 PA CODE CHAPTER 102.
18. SUFFICIENT EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR AS TO PREVENT STANDING WATER OR SEDIMENTATION OF STORMWATER SYSTEMS. GREEN STORMWATER INFRASTRUCTURE SYSTEMS DETERMINED BY PWD TO BE INADEQUATELY PROTECTED AND THEREBY COMPROMISED WILL BE REPLACED TO THE EXTENT REQUIRED BY PWD (UP TO AND INCLUDING FULL REPLACEMENT) AT NO ADDITIONAL COST TO PWD.
19. CONTRACTOR IS REQUIRED TO UNDERTAKE NECESSARY MEASURES TO PREVENT SEDIMENT FROM LEAVING THE WORK SITE, TO PREVENT EROSION CONDITIONS, AND TO SUPPRESS DUST ON THE SITE AND SURROUNDING AREAS. CONTRACTOR MUST COVER AND SURROUND STOCKPILES WITH EROSION CONTROL MEASURES TO ENSURE SEDIMENT DOES NOT MIGRATE INTO THE PUBLIC ROW OR ENTER THE PUBLIC SEWER. IF CONTRACTOR IS HAND DIGGING OR EXCAVATING, CONTRACTOR MUST SWEEP WORK SITE AT THE END OF EACH WORK DAY. THE CITY MAY REQUIRE THE CONTRACTOR / OWNER TO CLEAN CITY-OWNED INLETS AND SYSTEMS AFFECTED BY NONCOMPLIANT OR FAILED E&S CONTROLS.
20. CONTRACTOR MUST INSTALL INLET PROTECTION MEASURES AT ALL INLETS ADJACENT TO OR WITHIN THE WORK AREA. INLET PROTECTION MEASURES MUST BE INSPECTED DAILY TO ENSURE PROPER PLACEMENT, AND MAINTAINED, POSITIONED OR REPLACED AS NEEDED TO ENSURE PROPER FUNCTION AND TO PREVENT FLOODING. REFER TO PWD GUIDANCE FOR APPROPRIATE MATERIALS AND PROTECTION METHODS FOR OPEN-MOUTH INLETS, HIGHWAY GRATE INLETS, TRENCH DRAINS AND CURB-CUT INLETS.
21. CONTRACTOR MUST OBTAIN PERMISSION FROM THE STREETS DEPARTMENT TO STORE ANY MATERIALS ON THE STREET.
22. ORIFICE SHOULD NOT BE DRILLED PRIOR TO AUTHORIZATION BY PWD. PWD WILL REVIEW THE RESULTS OF THE DOUBLE RING INFILTRMETER TESTS CONDUCTED AFTER SMP EXCAVATION AND WILL CONFIRM ORIFICE DIMENSIONS.
23. EROSION CONTROL MATTING SHALL BE PLACED OVER ALL SOIL SURFACES NOT STABILIZED BY PLANTING.
24. ALL HDPE PIPES MUST MEET THE SPECIFICATIONS OF AASHTO M252, TYPE S OR AASHTO M294, TYPE S.

NOTICE:
 PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION

HIGHWAY DISTRICT NO. 5 WARD NUMBER 42
 DRAINAGE SHT. NO. 70
 SURVEY DISTRICT NO. 5 OUTFALL NO. _____ PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

ZIEHLER PLAYGROUND REBUILD
 STORMWATER NOTES



PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
 08-15-2022

APPROVED _____ MELIORA DESIGN _____

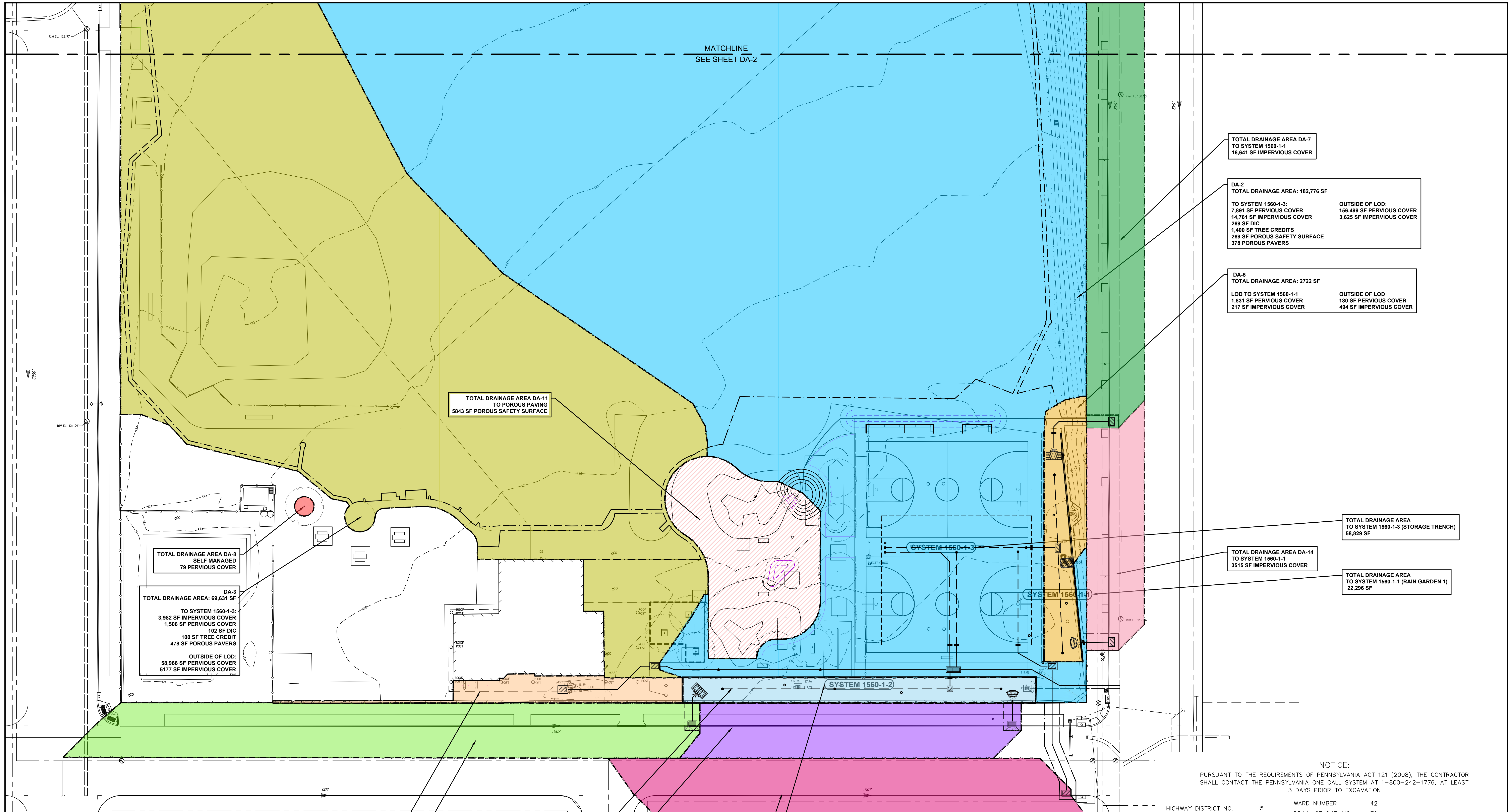
CITY OF PHILADELPHIA
 WATER DEPARTMENT

PROFESSIONAL ENGINEER
 ATTJE M. MACY
 REGISTERED ENGINEER
 PENNSYLVANIA

SCALES:
 PLAN 1"=10'
 PROFILE VERT. 1"=10'
 HORIZ. 1"=5'
 SECTION 1/4"=4'

WORK NO. S-50329-G
 SHEET NO. G-9 OF 12 SHEETS

DRAWN BY	MJR, MAD	08/15/22
PROJECT ENGR.	AMM	08/15/22
SUPERVISOR		DATE



NOTICE:
PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION

HIGHWAY DISTRICT NO. 5 WARD NUMBER 42
SURVEY DISTRICT NO. 5 DRAINAGE SHT. NO. 70
OUTFALL NO. _____ PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
DRAINAGE AREA MAP – SHEET 1**

- LEGEND**
- DA — DRAINAGE AREA OUTLINE
 - DRAINAGE AREA TO INLET #54
 - DRAINAGE AREA TO INLET #27
 - DRAINAGE AREA TO INLET #32
 - DRAINAGE AREA TO INLET #6
 - DRAINAGE AREA TO INLET #8
 - DRAINAGE AREA TO INLET #41
 - DRAINAGE AREA TO INLET #47
 - DRAINAGE AREA TO INLET #28
 - DRAINAGE AREA TO RAIN GARDEN 1
 - DRAINAGE AREA TO RAIN GARDEN 2
 - POROUS SAFETY SURFACE DRAINAGE AREA
 - SELF MANAGED AREA

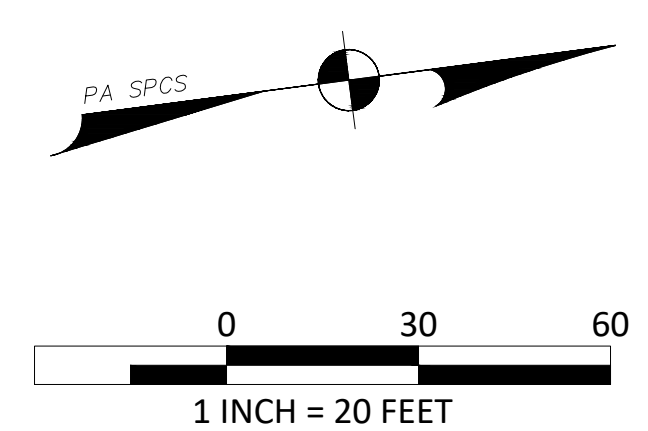
DA-4 TO SYSTEM 1560-1-3
TOTAL DRAINAGE AREA: 1,695 SF
1695 SF IMPERVIOUS COVER
115 SF DIC

DA-1 TO SYSTEM 1560-1-2
TOTAL DRAINAGE AREA: 2366 SF
211 SF IMPERVIOUS COVER
2155 SF PERVIOUS COVER

TOTAL DRAINAGE AREA DA-13
TO SYSTEM 1560-1-2
4729 SF IMPERVIOUS COVER

TOTAL DRAINAGE AREA DA-15
TO SYSTEM 1560-1-3
6790 SF IMPERVIOUS COVER

TOTAL DRAINAGE AREA TO SYSTEM 1560-1-2 (RAIN GARDEN 2)
16,031 SF



PWD TRACKING NUMBER: FY21-2IEH-6284-01
ISSUE FOR BIDDING
08-15-2022

PHILADELPHIA WATER DEPARTMENT
FIND YOUR PATH
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA
SALT
DESIGN STUDIO
LANDSCAPE ARCHITECTURE
PLANNING & URBAN DESIGN
meliora
Civil, Water Resources, and Structural Engineering
209 Morgan St., Pottsville, PA 19409
P: 610.933.0123 | www.melioradesign.com

APPROVED _____ MELIORA DESIGN

CITY OF PHILADELPHIA
WATER DEPARTMENT

SCALE:
PLAN 1"=10'
PROFILE VERT. 1"=10'
HORIZ. 1"=5'
SECTION 1/4"=4'

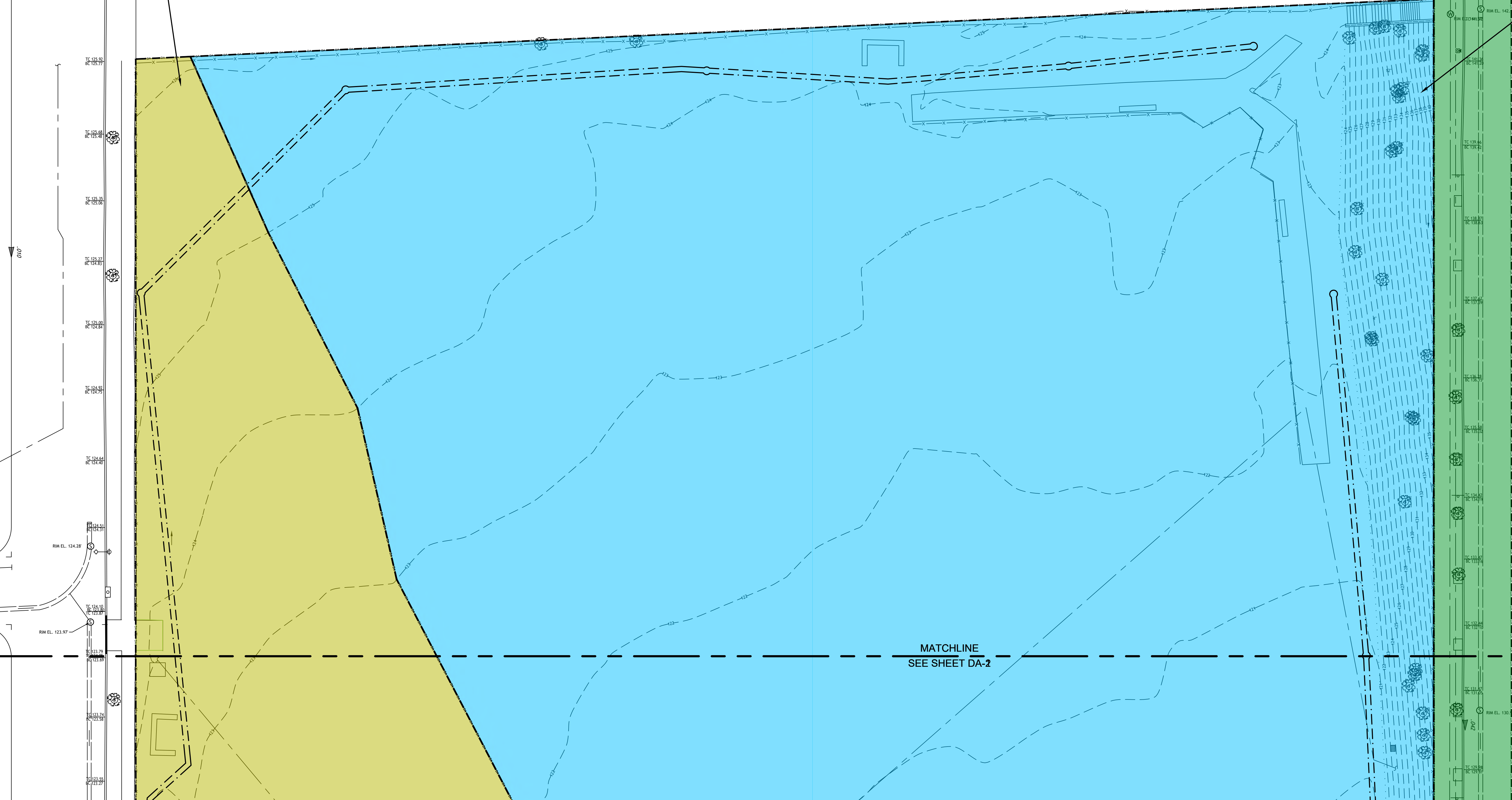
WORK NO. S-50329-G
SHEET NO. DA-1 OF 12 SHEETS

DRAWN BY	MJR_MAD	08/15/22
PROJECT ENGR	AMM	08/15/22
SUPERVISOR		DATE

DA-3
TOTAL DRAINAGE AREA: 69,631 SF
 TO SYSTEM 1560-1-3:
 3,982 SF IMPERVIOUS COVER
 1,506 SF PERVIOUS COVER
 102 SF DIC
 100 SF TREE CREDIT
 478 SF POROUS PAVERS
 OUTSIDE OF LOD:
 58,966 SF PERVIOUS COVER
 5177 SF IMPERVIOUS COVER

TOTAL DRAINAGE AREA DA-7
TO SYSTEM 1560-1-1
16,641 SF IMPERVIOUS COVER

DA-2
TOTAL DRAINAGE AREA: 182,776 SF
 TO SYSTEM 1560-1-3:
 7,891 SF PERVIOUS COVER
 14,761 SF IMPERVIOUS COVER
 269 SF DIC
 1,400 SF TREE CREDITS
 289 SF POROUS SAFETY SURFACE
 378 POROUS PAVERS
 OUTSIDE OF LOD:
 156,499 SF PERVIOUS COVER
 3,625 SF IMPERVIOUS COVER



- LEGEND**
- DA — DRAINAGE AREA OUTLINE
 - DRAINAGE AREA TO INLET #54
 - DRAINAGE AREA TO INLET #27
 - DRAINAGE AREA TO INLET #32
 - DRAINAGE AREA TO INLET #6
 - DRAINAGE AREA TO INLET #8
 - DRAINAGE AREA TO INLET #41
 - DRAINAGE AREA TO INLET #47
 - DRAINAGE AREA TO INLET #28
 - DRAINAGE AREA TO RAIN GARDEN 1
 - DRAINAGE AREA TO RAIN GARDEN 2
 - POROUS SAFETY SURFACE DRAINAGE AREA
 - SELF MANAGED AREA

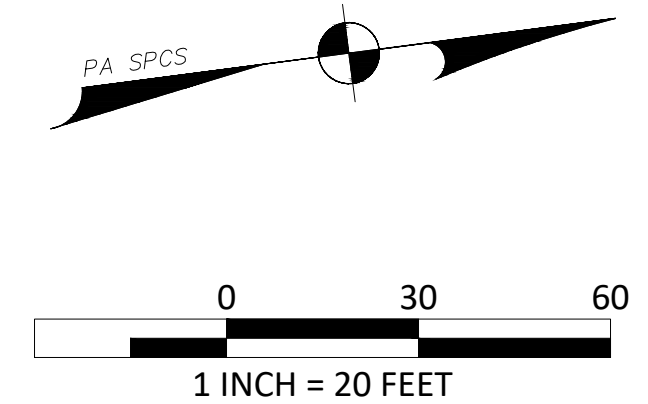
MATCHLINE
 SEE SHEET DA-2

NOTICE:
 PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION

HIGHWAY DISTRICT NO. 5 WARD NUMBER 42
 SURVEY DISTRICT NO. 5 DRAINAGE SHT. NO. 70
 OUTFALL NO. _____ PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
 DRAINAGE AREA MAP — SHEET 2**



PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
08-15-2022

PHILADELPHIA WATER DEPARTMENT
PHILADELPHIA PARKS & RECREATION
Rebuild PHILADELPHIA
SALT DESIGN STUDIO
 LANDSCAPE ARCHITECTURE
 PLANNING & URBAN DESIGN
meliora
 Civil, Water Resources, and Structural Engineering
 209 Morgan St., Pottsville, PA 19409
 P. 610.933.0123 | www.melioradesign.com

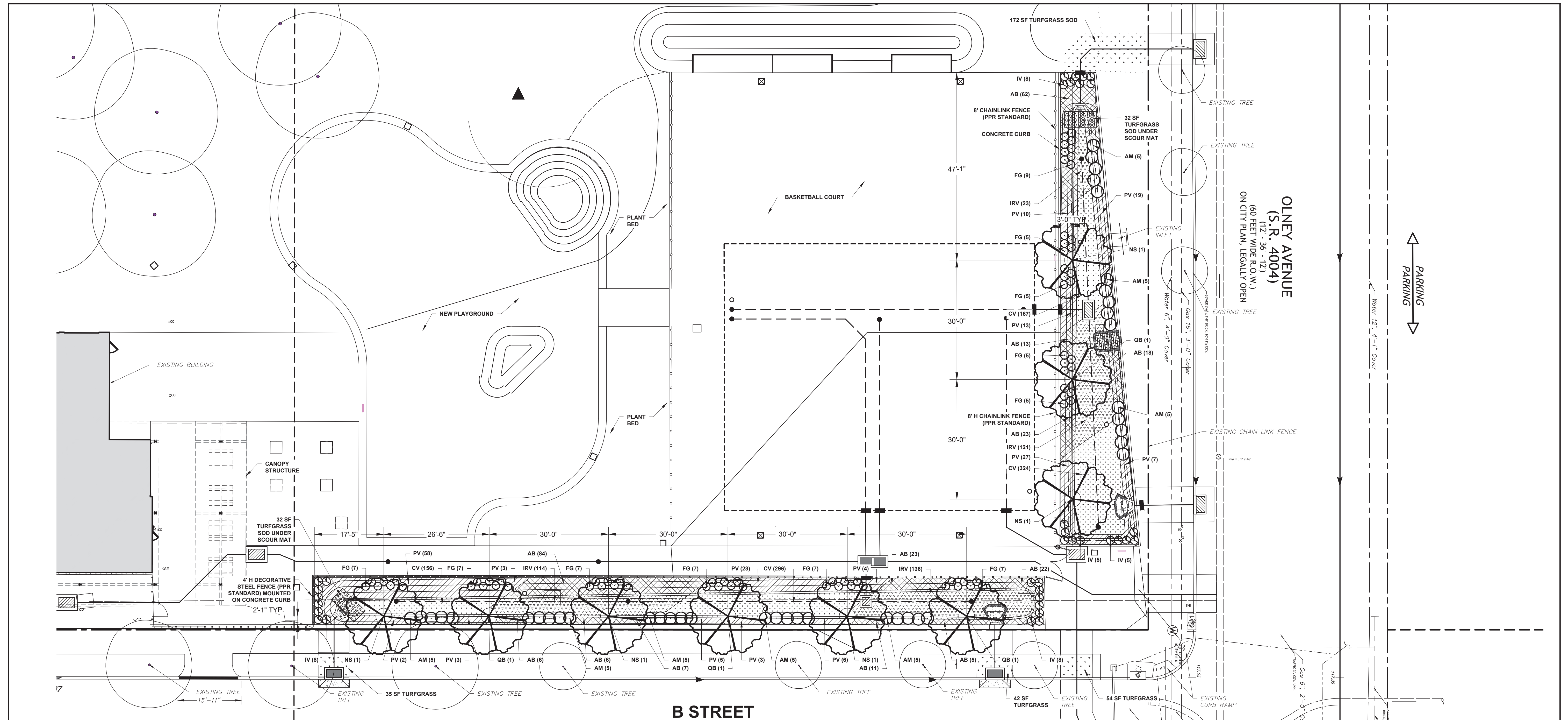
APPROVED _____ MELIORA DESIGN

CITY OF PHILADELPHIA
 WATER DEPARTMENT

SCALE:
 PLAN 1"=10'
 PROFILE VERT. 1"=10'
 HORIZ. 1"=5'
 SECTION 1/4"=4'

WORK NO. S-50329-G
 SHEET NO. DA-2 OF 12 SHEETS

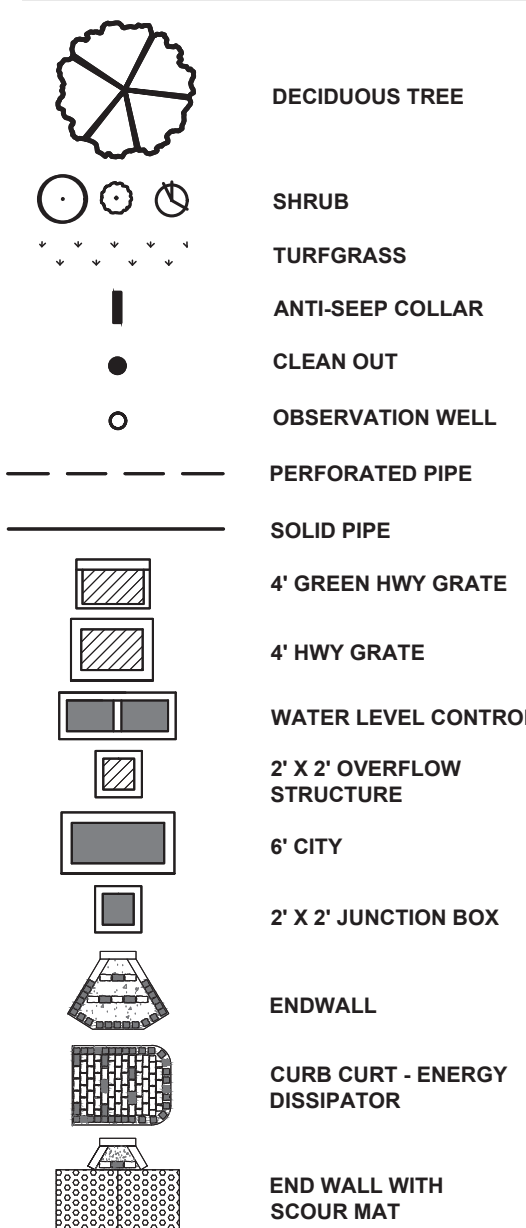
DRAWN BY	MJR_MAD	08/15/22
PROJECT ENGR.	AMM	08/15/22
SUPERVISOR		DATE



PLANT SCHEDULE:

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING	NOTES
CANOPY TREES							
NS	5	<i>Alysicarpus</i>	Black Thatch	2-2.5' CAL	±20 CONTAINER	AS S-DWN	
Q3	4	<i>Quercus bicolor</i>	Swamp White Oak	2-2.5' CAL	±20 CONTAINER	AS S-DWN	
SHRUBS							
AM	40	<i>Azalea speciosa</i>	Spice Shrub	#3	CONTAINER	36" O.C.	
FG	71	<i>Forsythia</i>	Winter Yellow	#3	CONTAINER	24" O.C.	
V	34	<i>Viburnum</i>	Sweet Viburnum	#3	CONTAINER	24" O.C.	
HERBACEOUS AND GRASSES							
AB	280	<i>Andropogon</i>	Switchgrass	: GAL	FULLY ROOTED, CONT.	18" O.C.	
CV	943	<i>Carex</i>	Sedge	: GAL	FULLY ROOTED, CONT.	12" O.C.	
IRV	394	<i>Irish Sedge</i>	Irish Sedge	: GAL	FULLY ROOTED, CONT.	18" O.C.	
PV	183	<i>Panicum</i>	Switchgrass	: GAL	FULLY ROOTED, CONT.	24" O.C.	

LEGEND:



LANDSCAPE NOTES:

- RESEED ALL DISTURBED AREAS.
- ADJUST LOCATIONS OF PLANTS AS NECESSARY TO AVOID DAMAGE TO EXISTING AND NEW UNDERGROUND UTILITIES AND EXISTING ABOVE GROUND ELEMENTS. ADJUSTMENTS SHALL BE COORDINATED WITH THE PHILADELPHIA WATER DEPARTMENT (PWD).
- LANDSCAPE SUBCONTRACTOR SHALL COORDINATE WORK WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES.
- ALL PLANTS SHALL BE IN FULL AND STRICT COMPLIANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-1996 OR LATER EDITION).
- THE CONTRACTOR SHALL PAY FOR AND SUBMIT RESULTS OF ALL TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS PRIOR TO THE COMMENCEMENT OF PLANTING.
- PLANT SIZES IN THE PLANT SCHEDULE ARE TO BE CONSIDERED MINIMUM SIZES. LARGER PLANT SIZES MUST BE APPROVED BY PWD AND SHALL BE PROVIDED AT NO EXTRA COST TO THE OWNER.
- THE PLANT SCHEDULE IDENTIFIES PLANT SPECIES AND QUANTITIES FOR EACH LOCATION. APPROXIMATE SPACING IS AS SHOWN ON THE PLANTING PLANS.
- IF REQUESTED BY PWD, THE CONTRACTOR SHALL ENSURE PLANTS ARE TAGGED FOR REVIEW AND APPROVAL BY PWD PRIOR TO ORDERING. APPROVAL OF PLANTS AT OFF-SITE LOCATIONS DOES NOT IMPLY FINAL APPROVAL OR PLANTS AT TIME OF DELIVERY OR AT TIME OF INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING WATER AND HAND WATERING OF PLANTS AFTER INSTALLATION AND UP TO THE FINAL COMPLETION OF THE PROJECT, AND FOR THE MAINTENANCE PERIOD (SEE SPECIFICATIONS).

PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
 08-15-2022

NOTICE:
 PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION.
 HIGHWAY DISTRICT NO. 5 WARD NUMBER 42
 SURVEY DISTRICT NO. 5 DRAINAGE SHT. NO. 70
 OUTFALL NO. PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
 LANDSCAPE PLAN
 SYSTEM 1560-1 - B STREET
 E. OLNEY AVENUE TO E. CLARKSON AVENUE**



APPROVED: MELIORA DESIGN

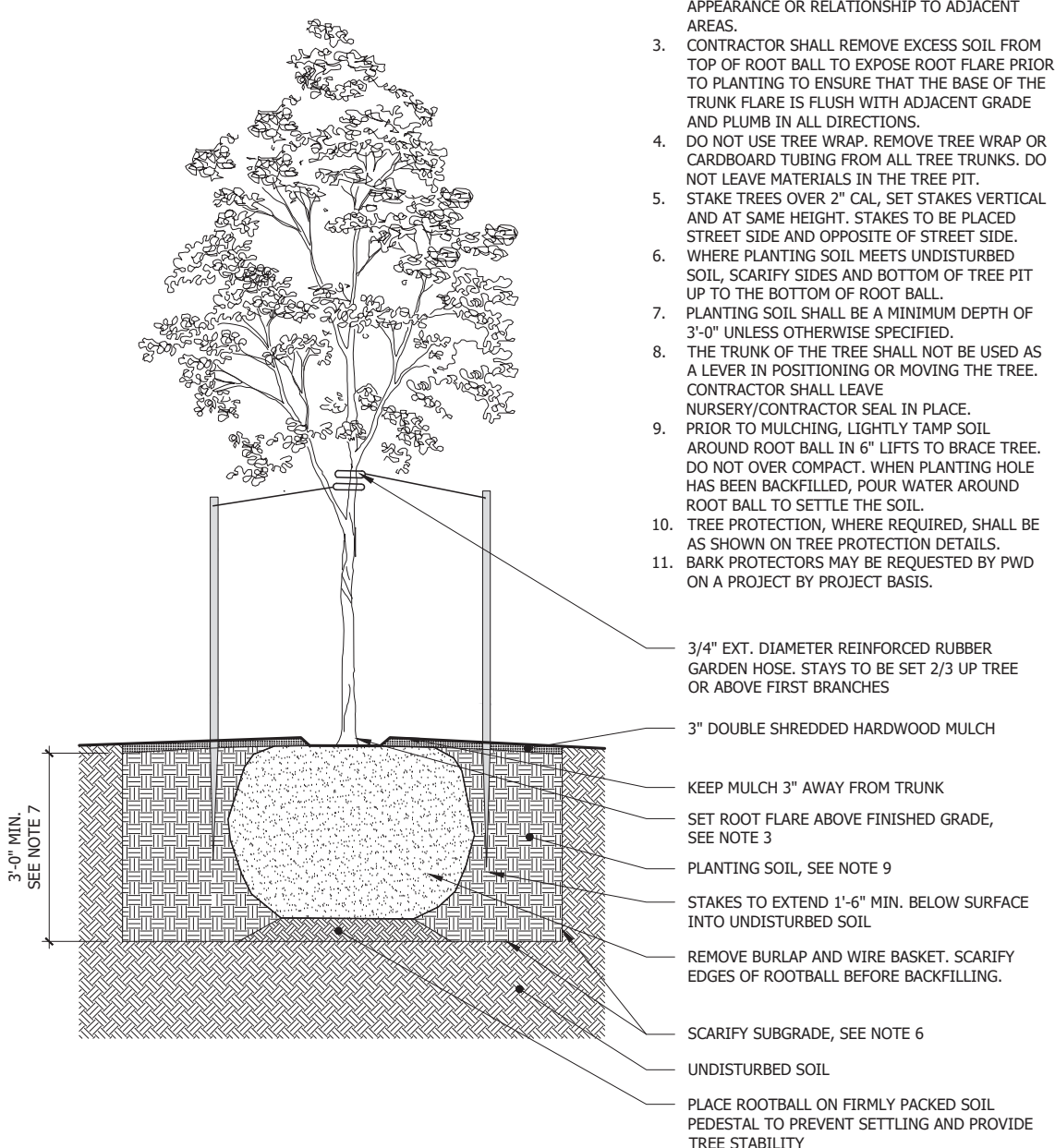
CITY OF PHILADELPHIA WATER DEPARTMENT

SCALES:
 PLAN 1"=10'
 PROFILE VERT. 1"=10'
 HORIZ. 1"=5'
 SECTION 1/4"=4'

WORK NO. S-50329-G
 SHEET NO. L-1 OF 12 SHEETS

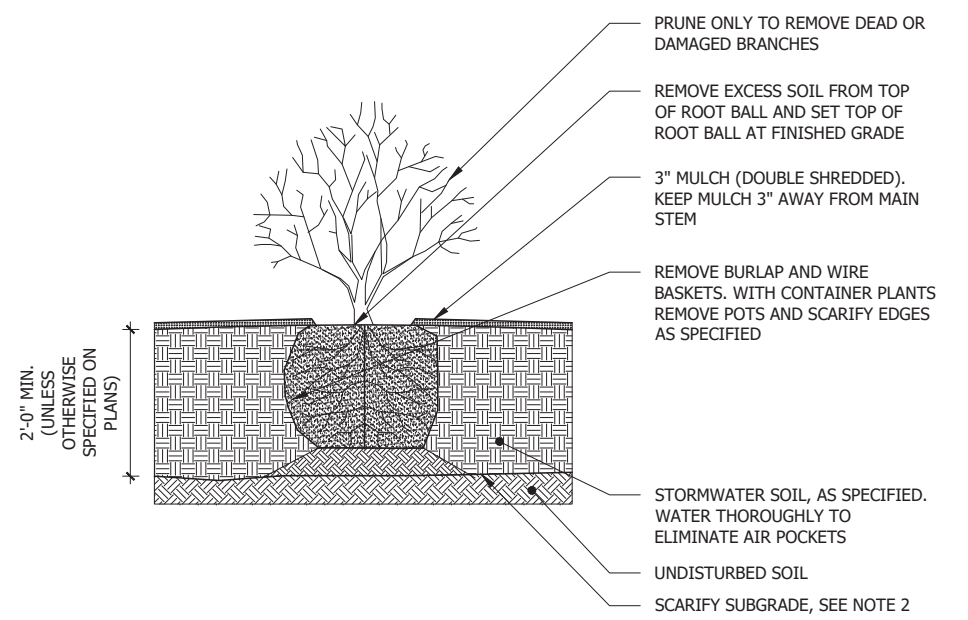
DRAWN BY	SEB	05/13/22
PROJECT ENGR.	AMM	05/13/22
SUPERVISOR		DATE

- NOTES:**
- DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY TO REMOVE CO-DOMINANT LEADERS, DEAD, AND BROKEN BRANCHES. PRUNE WITH A CLEAN CUT PER ANSI A300 & ISA (2008) STANDARDS. DO NOT CUT TREE'S CENTRAL LEADER.
 - SET PLANTS PLUMB AND FACE TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO ADJACENT AREAS.
 - CONTRACTOR SHALL REMOVE EXCESS SOIL FROM TOP OF ROOT BALL TO EXPOSE ROOT FLARE PRIOR TO PLANTING TO ENSURE THAT THE BASE OF THE TRUNK FLARE IS FLUSH WITH ADJACENT GRADE AND PLUMB IN ALL DIRECTIONS.
 - DO NOT USE TREE WRAP. REMOVE TREE WRAP OR CARDBOARD TUBING FROM ALL TREE TRUNKS. DO NOT LEAVE MATERIALS IN THE TREE PIT.
 - STAKE TREES OVER 2" CAL. SET STAKES VERTICAL AND AT SAME HEIGHT. STAKES TO BE PLACED STREET SIDE AND OPPOSITE OF STREET SIDE.
 - WHERE PLANTING SOIL MEETS UNDISTURBED SOIL, SCARIFY SIDES AND BOTTOM OF TREE PIT UP TO THE BOTTOM OF ROOT BALL.
 - PLANTING SOIL SHALL BE A MINIMUM DEPTH OF 3" UNLESS OTHERWISE SPECIFIED.
 - THE TRUNK OF THE TREE SHALL NOT BE USED AS A LEVER IN POSITIONING OR MOVING THE TREE. CONTRACTOR SHALL LEAVE NURSERY/CONTRACTOR SEAL IN PLACE.
 - PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND ROOT BALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN PLANTING HOLE HAS BEEN BACKFILLED, POUR WATER AROUND ROOT BALL TO SETTLE THE SOIL.
 - TREE PROTECTION, WHERE REQUIRED, SHALL BE AS SHOWN ON TREE PROTECTION DETAILS.
 - BARK PROTECTORS MAY BE REQUESTED BY PWD ON A PROJECT BY PROJECT BASIS.

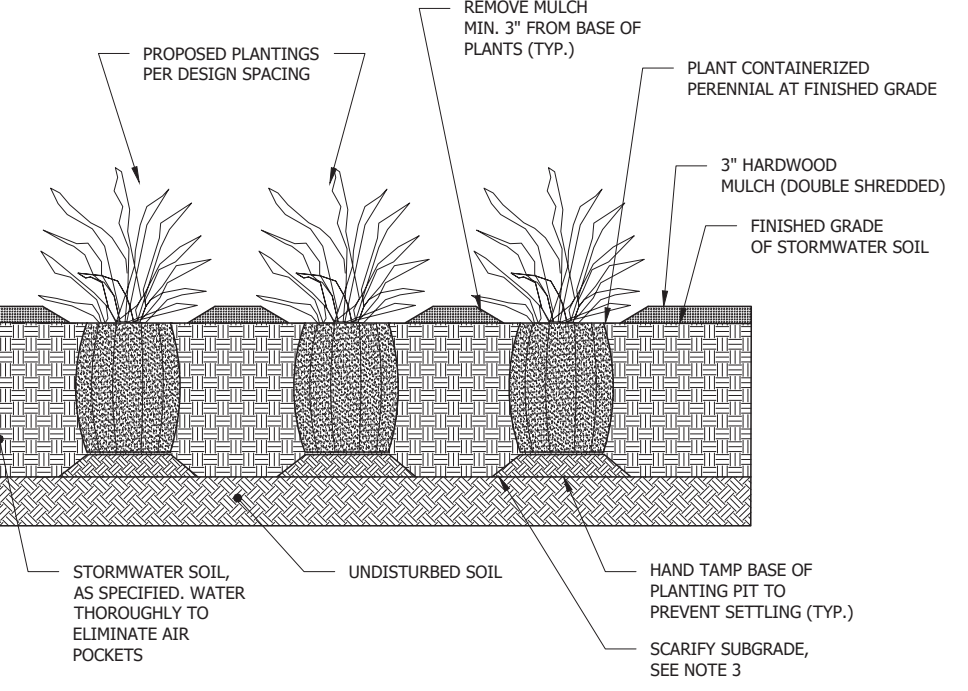


1 TREE PLANTING SCALE: 1/2" = 1'-0"

- NOTES:**
- SET PLANTS PLUMB AND FACE TO GIVE BEST APPEARANCE TO ADJACENT AREAS.
 - WHERE STORMWATER SOIL MEETS UNDISTURBED SOIL, SCARIFY SIDES AND BOTTOM OF EXCAVATION UP TO THE BOTTOM OF THE ROOTBALL.



2 SHRUB PLANTING SCALE: 1" = 1'-0"



- NOTES:**
- MINIMIZE SOIL COMPACTION TO PRESERVE INFILTRATION CAPACITY OF SOIL.
 - SET PLANTS PLUMB AND FACE TO GIVE BEST APPEARANCE TO ADJACENT AREAS.
 - WHERE STORMWATER SOIL MEETS UNDISTURBED SOIL, SCARIFY SIDES AND BOTTOM OF EXCAVATION UP TO THE BOTTOM OF ROOTBALL.
 - SCARIFY ROOTS ALONG EDGE WHERE STORMWATER SOIL MEETS CONTAINERIZED PERENNIAL BEFORE PLANTING.

3 CONTAINER PLANTING SCALE: N.T.S.

NOTICE:
PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 DAYS PRIOR TO EXCAVATION

HIGHWAY DISTRICT NO. 5 WARD NUMBER 42
SURVEY DISTRICT NO. 5 DRAINAGE SHT. NO. 70
OUTFALL NO. _____ PA ONE CALL 20191932559

GREEN STORMWATER INFRASTRUCTURE PROJECT

**ZIEHLER PLAYGROUND REBUILD
LANDSCAPE DETAILS
SYSTEM 1560-1 - B STREET
E. OLNEY AVENUE to E. CLARKSON AVENUE**

APPROVED		CITY OF PHILADELPHIA WATER DEPARTMENT	
MELIORA DESIGN		SCALES:	
PLAN	1"=10'	DRAWN BY	SEB
PROFILE	1"=10'	PROJECT ENGR.	AMM
HORIZ.	1"=5'		
SECTION	1/4"=4'		
WORK NO. S-50329-G		DATE	
SHEET NO. L-2 OF 12 SHEETS		SUPERVISOR	

PWD TRACKING NUMBER: FY21-ZIEH-6284-01
ISSUE FOR BIDDING
08-15-2022



DEMOLITION LEGEND

- EXISTING MASONRY WALL
- EXISTING MASONRY WALL TO BE REMOVED TO UNDERSIDE OF STRUCTURE ABOVE UNLESS OTHERWISE NOTED
- REMOVE EXISTING DOOR, FRAME AND HARDWARE UNLESS OTHERWISE NOTED
- EXISTING DOOR, FRAME AND HARDWARE TO REMAIN
- EXISTING WINDOW
- EXISTING WINDOW, FRAME AND HARDWARE TO BE REMOVED

ADDITIONAL INTERIOR DEMOLITION WORK NOTES

1. ALL EXISTING MECHANICAL BASEBOARD HEATERS TO BE REMOVED. ALL EXISTING WINDOW AIR CONDITIONERS TO BE REMOVED AND SALVAGED. RETURN TOWER, REFER TO MECHANICAL DRAWINGS.
2. INVESTIGATE ALL CEILINGS FOR LOCATIONS OF WATER INTRUSION DURING DEMOLITION. REMOVE WATER DAMAGED MATERIALS AND PREPARE FOR REPAIR OF ASSOCIATED ROOF.
3. ALL EXISTING LIGHT FIXTURES IN AREAS WITH SCHEDULED REPLACEMENT TO BE SALVAGED AND RETURNED TO OWNER. REFER TO ELECTRICAL DRAWINGS.

GENERAL DEMOLITION NOTES

1. SUBCONTRACTORS MUST REVIEW ALL DRAWINGS OF NEW & EXISTING WORK COORDINATE DEMOLITION SCOPE PRIOR TO SUBMITTING BIDS. SEE DRAWINGS FOR MORE INFORMATION.
2. THIS IS A SELECTIVE RENOVATION. ALL FINISHES, FLOORING, CEILINGS, LIGHTS, INTERIOR PARTITIONS, ELECTRICAL DEVICES, PLUMBING FIXTURES, ETC. ARE TO BE REMOVED TO STRUCTURE AS INDICATED ON PLANS UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS. COORDINATE ALL DEMOLITION WITH DRAWINGS OF NEW CONSTRUCTION TO IDENTIFY SCOPE OF REMOVAL. REMOVE ALL FLOORING ADHESIVES AND CLEAN SLAB AS REQUIRED TO INSTALL NEW FINISH FLOOR.
3. ENGAGE EXPERIENCED PERSONNEL THAT HAS SPECIALIZED IN DEMOLITION WORK SIMILAR IN MATERIAL AND EXTENT TO THAT INDICATED FOR THIS PROJECT. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
4. CONTRACTOR IS TO SURVEY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE EXTENT OF SELECTIVE DEMOLITION. PRIOR TO SUBMITTING BIDS, NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, INVESTIGATE AND MEASURE THE NATURE AND EXTENT OF CONFLICT. PROMPTLY SUBMIT A WRITTEN REPORT TO ARCHITECT. AREAS OF MATERIALS DIRECTED AS BEING REMOVED ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE TO CONFIRM EXTENT BY COORDINATION WITH DRAWINGS FOR NEW CONSTRUCTION AND BY VISITING SITE PRIOR TO SUBMITTING A BID.
5. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB. IMMEDIATELY NOTIFY OWNER. OWNER WILL REMOVE HAZARDOUS MATERIALS UNDER A SEPARATE CONTRACT.
6. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE IS NOT PERMITTED.
7. MAINTAIN EXISTING UTILITIES AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED. MAINTAIN FIRE-PROTECTION FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS.
8. REMOVE, REPLACE, PATCH, AND REPAIR MATERIALS AND SURFACES CUT OR DAMAGED DURING SELECTIVE DEMOLITION, BY METHODS AND WITH MATERIALS SO AS NOT TO VOID EXISTING WARRANTIES.
9. PERFORM SURVEYS AS THE WORK PROGRESSES TO DETECT HAZARDS RESULTING FROM SELECTIVE DEMOLITION ACTIVITIES.
10. CONDUCT DEBRIS-REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH DRIVEWAYS, STREETS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
11. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
12. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. DO NOT DEMOLISH BUILDING ELEMENTS BEYOND WHAT IS INDICATED ON DRAWINGS WITHOUT ARCHITECT'S APPROVAL. REFER TO FLOOR PLANS AND REFLECTED CEILING PLANS TO COORDINATE PRECISE LIMITS OF DEMOLITION WORK.
13. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS TO REMAIN, CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES TO AVOID MARRING EXISTING FINISHED SURFACES. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS. LOCATE SELECTIVE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
14. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE RECYCLED, REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL. TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS. EXISTING LIGHT FIXTURES SHOULD BE MARKED AS SALVAGE AND RETURNED TO OWNER.
15. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGAN.
16. FILL IN EXISTING PIPE, DUCT, CONDUIT HOLES, OR ANY OTHER FLOOR/WALL PENETRATIONS RESULTING FROM DEMOLITION WITH A UL APPROVED FIRE AND SMOKE RATED INTUMESCENT MATERIAL TO MAINTAIN THE EXISTING FIRE RATED ASSEMBLY. IN ALL CASES FILL WITH MIN. 1HR RATING IF REQUIRED. IDENTIFY ALL CONDITIONS THAT REQUIRE FIRE STOPPING. FURNISH A PLAN WITH CONDITIONS KEYED AND PROVIDE MANUFACTURER'S PRODUCT DATA FOR MATERIALS USED AT EACH LOCATION.
17. WHERE EXISTING CONCRETE SLAB IS DISTURBED BY THE REMOVAL OF EXISTING PARTITIONS AND WALLS OR ANY OTHER SELECTIVE DEMOLITION, PATCH AND REPAIR EXISTING SURFACES WITH LEVELING COMPOUND, TO PRODUCE A SMOOTH, LEVEL SURFACE TO RECEIVE NEW FINISHES. WHERE FLOORING IS BEING REMOVED, REMOVE EXISTING FLOORING MATERIALS DOWN TO EXISTING DECK/SLAB TO A CONDITION READY TO INSTALL NEW FINISHES. PATCH AND REPAIR ALL EXISTING SLAB SURFACES WITH LEVELING COMPOUND TO PRODUCE A SMOOTH, LEVEL SURFACE.
18. WALL MATERIALS ARE SUPPOSED. CONTRACTOR TO VERIFY MATERIALS BEING REMOVED PRIOR TO SUBMITTING BID.

DEFINITIONS

REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.

REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER, READY FOR REUSE, PACK OR CRATE ITEMS AFTER CLEANING. IDENTIFY CONTENTS OF CONTAINERS. STORE ITEMS IN A SECURE AREA UNTIL DELIVERY TO OWNER. TRANSPORT ITEMS TO OWNER'S STORAGE AREA DESIGNATED BY OWNER. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE. INVENTORY AND RECORD THE CONDITION OF ITEMS TO BE REMOVED AND SALVAGED.

REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION. PREPARE THEM FOR REUSE, AND REINSTALL THEM WHERE INDICATED. CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE. REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED. INVENTORY AND RECORD THE CONDITION OF ITEMS TO BE REMOVED AND REINSTALLED.

EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED. PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION, CLEANED, AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.



PROJECT NAME & ADDRESS:
ZIEHLER PLAYGROUND & RECREATION CENTER

200-64 E. OLNEY AVENUE
PHILADELPHIA, PA 19120

PROJECT NUMBER:
16640E-01-02



161 LEVERING AVE, SUITE 1005
PHILADELPHIA, PA 19127
www.saltdesignstudio.com

CIVIL ENGINEERING:
MELORA DESIGN
259 MORGAN STREET
PHOENIXVILLE, PA 19460
www.meloradesign.com

ARCHITECTURE:
IAN SMITH DESIGN GROUP
322 E. THOMPSON STREET
PHILADELPHIA, PA 19125
www.is-dg.com

LIGHTING DESIGN:
MILLER DESIGN GROUP
www.millerdesigngroup.com

MEP DESIGN:
MARK ULRIK ENGINEERS, INC.
622 COOPER STREET, #200
CAMDEN, NJ 08102
www.markulrik.com

STRUCTURAL ENGINEERING:
D'HUY ENGINEERING, INC.
1 EAST BROAD STREET, SUITE 310
BETHLEHEM, PA 18018
www.dhuy.com

DRAWING PHASE:
ISSUE FOR BIDDING



SHEET TITLE:
EXISTING BUILDING PROPOSED DEMOLITION FLOOR PLAN

REV	DATE	DESCRIPTION

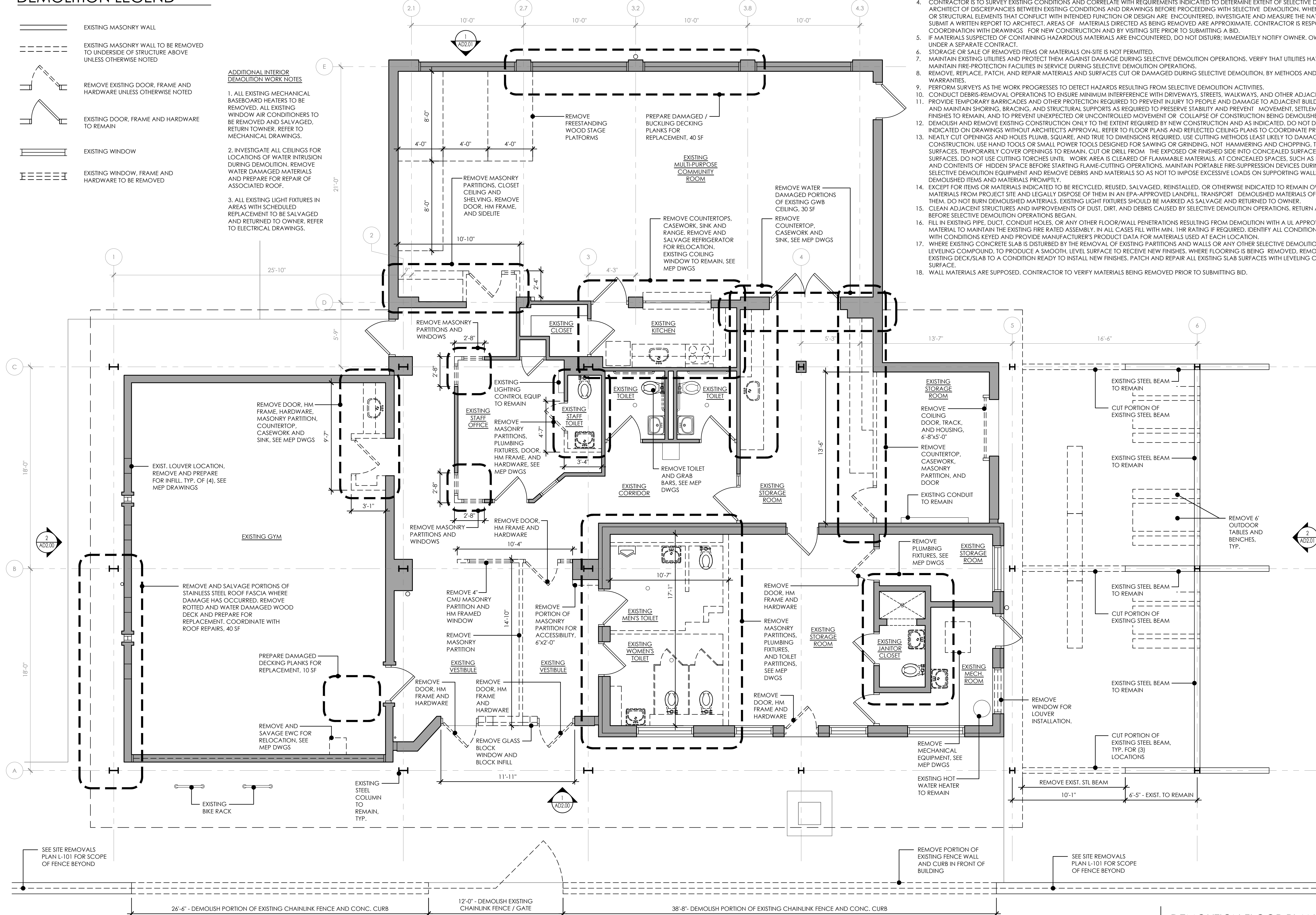
SCALE:
AS NOTED

DATE: 08/15/2022 DRAWN BY:
CHECKED BY:

SHEET NUMBER:
AD1.00

SALT DESIGN STUDIO FILE NO.:
2003

CONSTRUCTION DOCUMENTS

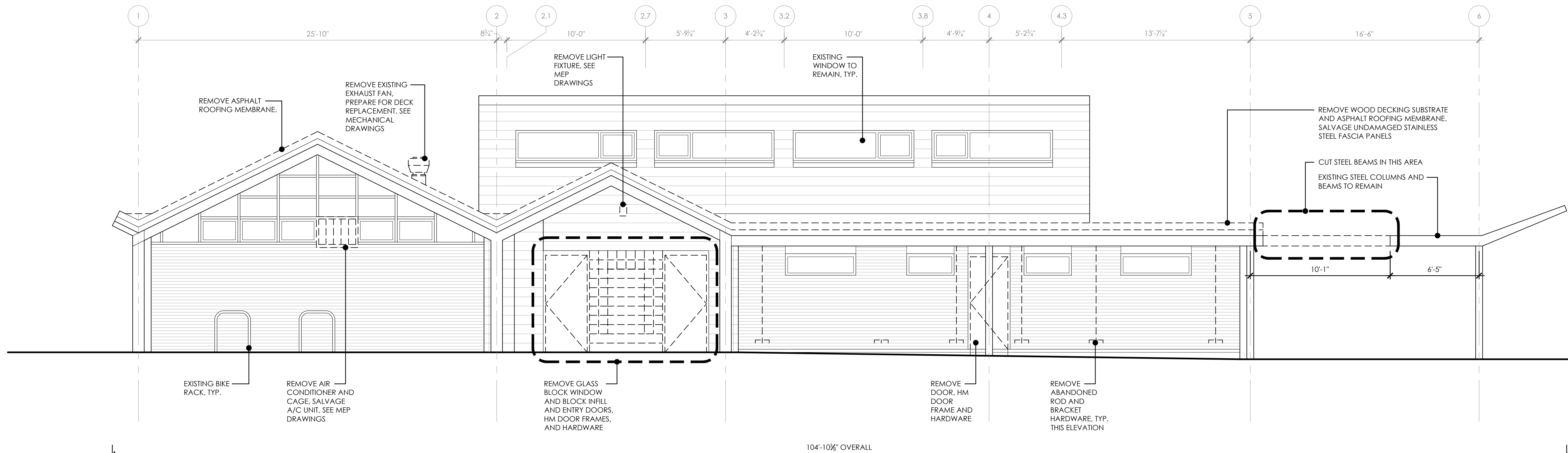


DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"

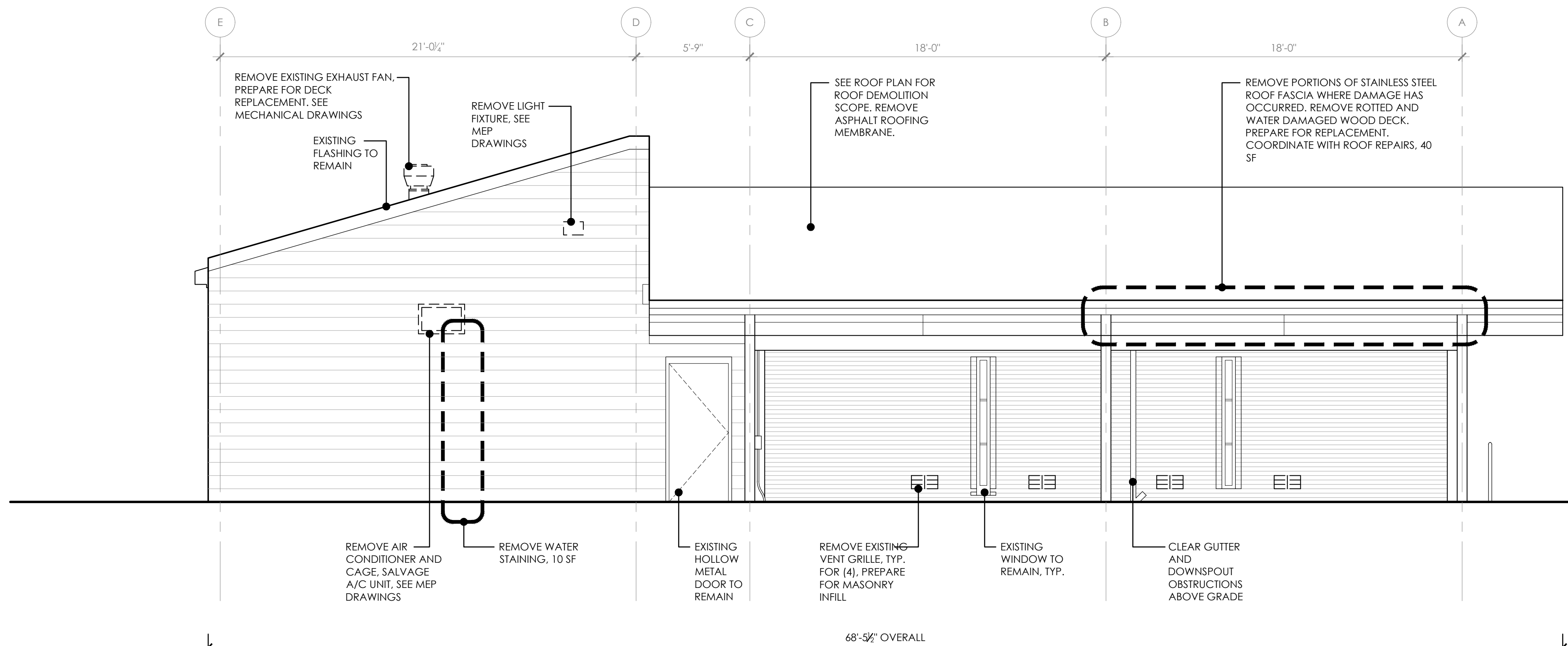


MATERIAL LEGEND

- EXISTING BRICK MASONRY
- EXISTING CMU MASONRY



1 PROPOSED DEMOLITION
EAST ELEVATION
SCALE: 1/4" = 1'-0"



2 PROPOSED DEMOLITION
SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



SHEET TITLE:
EXISTING BUILDING PROPOSED DEMOLITION BLDG ELEVS

REV	DATE	DESCRIPTION

SCALE:
AS NOTED

DATE: 08/15/2022 DRAWN BY:
CHECKED BY:

SHEET NUMBER:

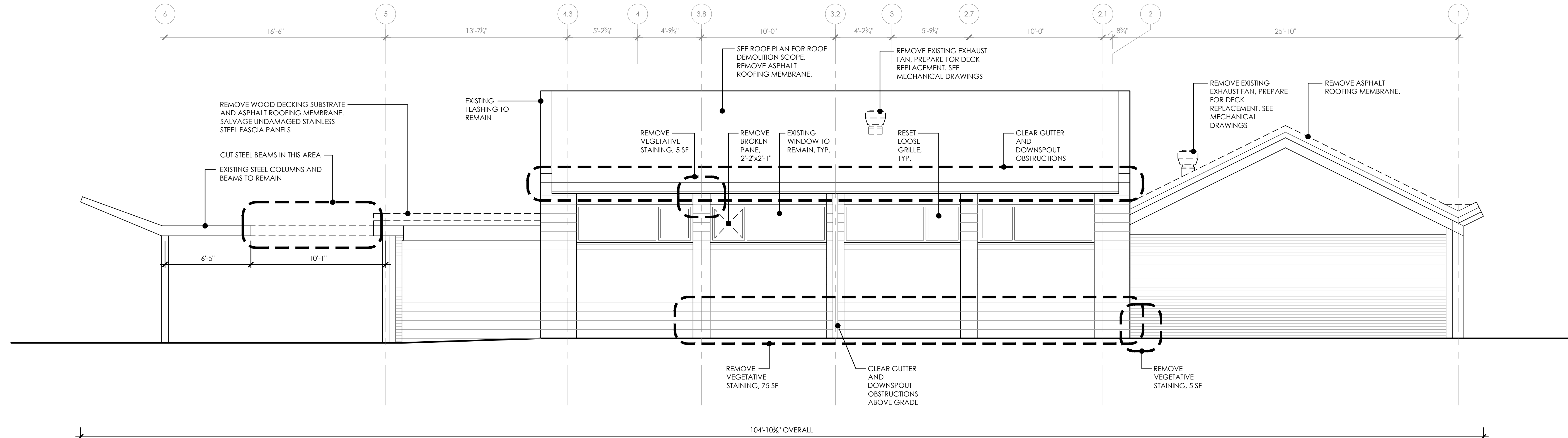
AD2.00

CONSTRUCTION DOCUMENTS

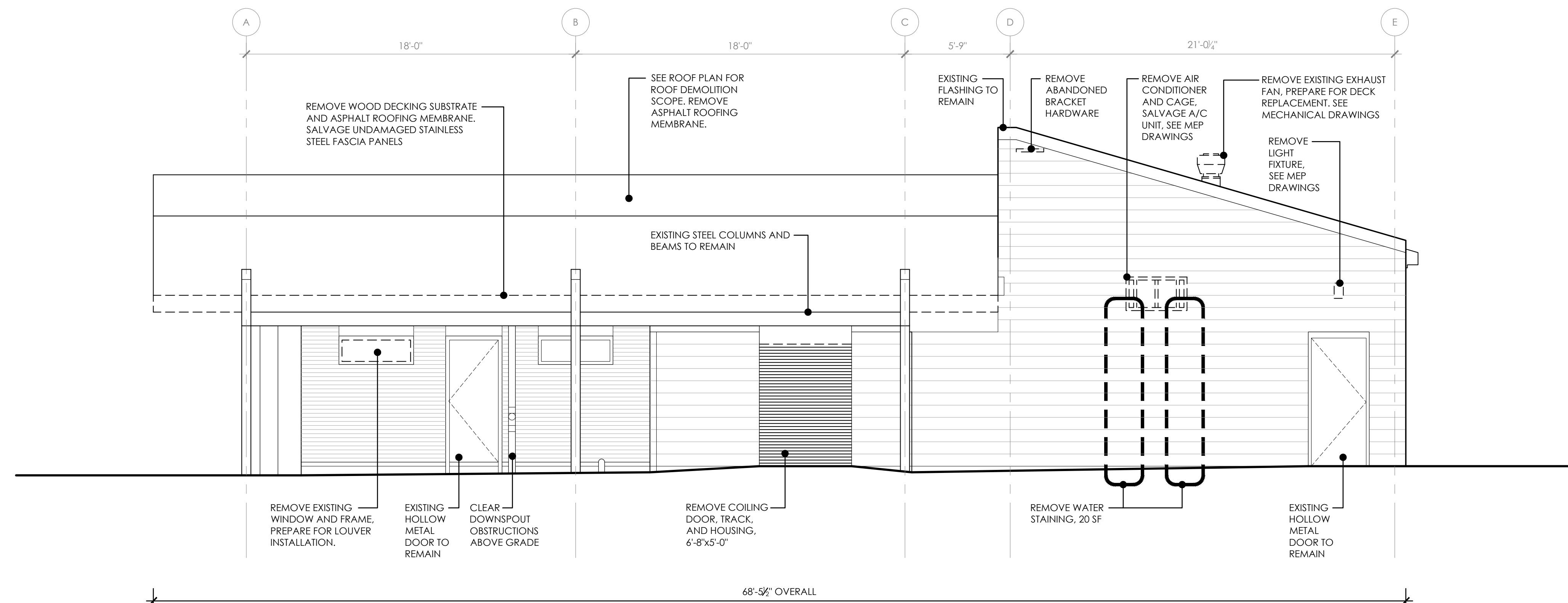


MATERIAL LEGEND

- EXISTING BRICK MASONRY
- EXISTING CMU MASONRY



1 PROPOSED DEMOLITION
WEST ELEVATION
SCALE: 1/4" = 1'-0"



2 PROPOSED DEMOLITION
NORTH ELEVATION
SCALE: 1/4" = 1'-0"



SHEET TITLE:
EXISTING BUILDING PROPOSED DEMOLITION BLDG ELEVS

REV	DATE	DESCRIPTION

SCALE:
AS NOTED

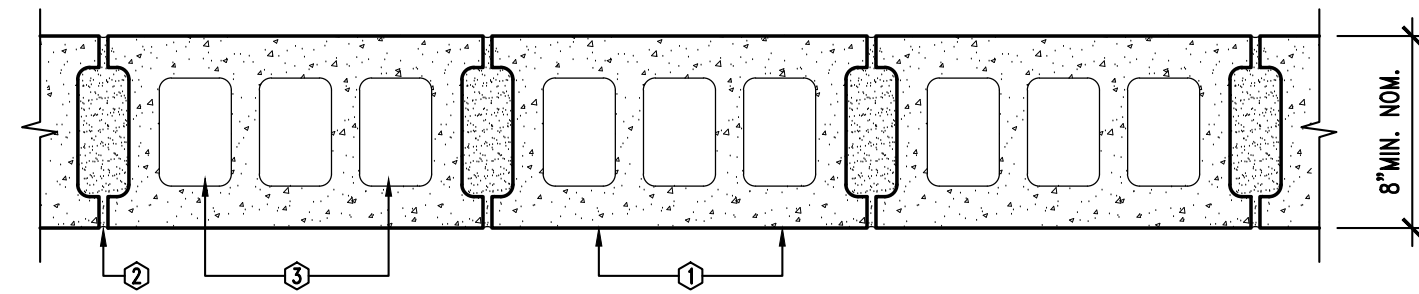
DATE: 08/15/2022 DRAWN BY:
CHECKED BY:

SHEET NUMBER:

AD2.01

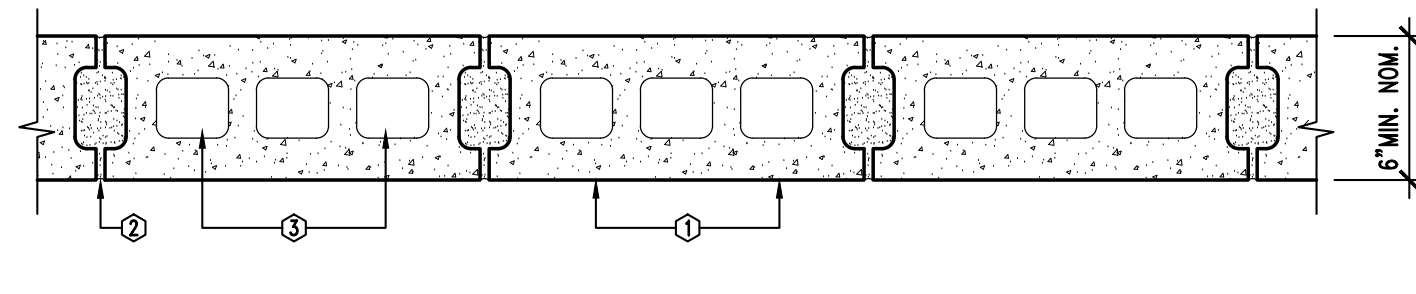
CONSTRUCTION DOCUMENTS

P1 NON-RATED NON-BEARING EXTERIOR INFILL



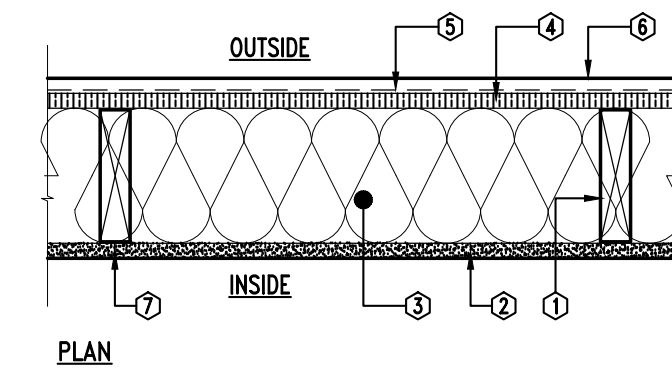
1. CONCRETE BLOCKS* - VARIOUS DESIGNS. SEE CONCRETE BLOCKS CATEGORY FOR LIST OF ELIGIBLE MANUFACTURERS.
2. MORTAR - BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8" THICK, OF NOT LESS THAN 2-1/4 AND NOT MORE THAN 3-1/2 PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTION BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.
3. LOOSE MASONRY FILL - IF ALL CORE SPACES ARE FILLED WITH LOOSE DRY EXPANDED SLAG, EXPANDED CLAY OR SHALE (ROTARY KILN PROCESS), WATER REPELLANT VERMICULITE MASONRY FILL INSULATION, OR SILICONE TREATED PERLITE LOOSE FILL INSULATION ADD 2HR TO CLASSIFICATION.
4. FULLY GROUTED, REINFORCED WITH VERTICAL #4 @ 16 O.C. HORIZONTAL GAGE 9 JOINT REINFORCED @ 16" (TYP).
5. FINISH - PAINT BOTH SIDES. PROVIDE WATERPROOFING SEALER ON EXTERIOR FACE.

P2 NON-RATED NON-BEARING INTERIOR WALL

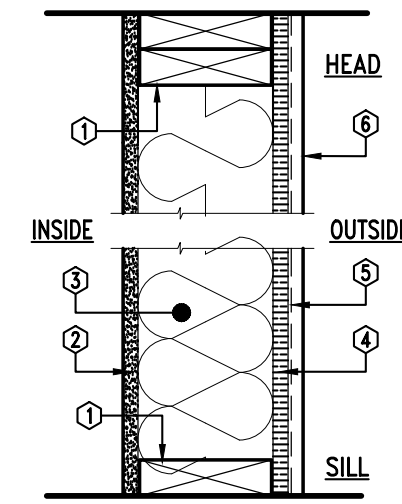


1. CONCRETE BLOCKS* - VARIOUS DESIGNS. SEE CONCRETE BLOCKS CATEGORY FOR LIST OF ELIGIBLE MANUFACTURERS.
2. MORTAR - BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8" THICK, OF NOT LESS THAN 2-1/4 AND NOT MORE THAN 3-1/2 PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTION BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.
3. LOOSE MASONRY FILL - IF ALL CORE SPACES ARE FILLED WITH LOOSE DRY EXPANDED SLAG, EXPANDED CLAY OR SHALE (ROTARY KILN PROCESS), WATER REPELLANT VERMICULITE MASONRY FILL INSULATION, OR SILICONE TREATED PERLITE LOOSE FILL INSULATION ADD 2HR TO CLASSIFICATION.
4. FULLY GROUTED, REINFORCED WITH VERTICAL #4 @ 16 O.C. HORIZONTAL GAGE 9 JOINT REINFORCED @ 16" (TYP).
5. FINISH - PAINT BOTH SIDES (EXCLUDING WALLS FACING STORAGE AREAS)

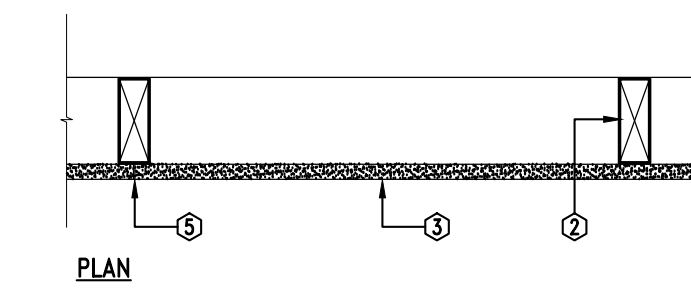
P3 NON-RATED NON-BEARING EXTERIOR INFILL



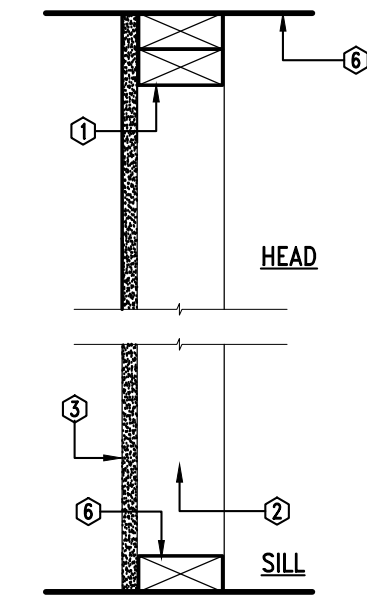
1. WOOD STUDS - 2" X 6" WOOD STUDS AT 16" WITH DOUBLE TOP PLATES, SINGLE BOTTOM PLATE.
2. GYPSUM BOARD - INTERIOR SIDE COVERED WITH 5/8" IMPACT RESISTANT GYPSUM WALLBOARD, 4' WIDE, APPLIED VERTICALLY WITH ALL JOINTS OVER FRAMING OR BLOCKING AND FASTENED WITH 2 1/4" TYPE S DRYWALL SCREWS, SPACED 12" ON CENTER.
3. BATTS AND BLANKETS* - R-21 MINERAL FIBER INSULATION INSTALLED IN STUD CAVITY.
4. SHEATHING - EXTERIOR SIDE TO BE 5/8" EXTERIOR GRADE APPLICATION WATER RESISTANT GYPSUM CORE, 4' WIDE, APPLIED VERTICALLY WITH ALL JOINTS OVER FRAMING OR BLOCKING AND FASTENED WITH 2 1/4" TYPE S DRYWALL SCREWS, SPACED 12" ON CENTER.
5. VAPOR RETARDER, WATER BARRIER OR WEATHER RESISTIVE BARRIER.
6. FINISH - PAINT INTERIOR GYPSUM FACE. PROVIDE IMPACT RESISTANT METAL PANEL SYSTEM ON EXTERIOR FACE.
7. JOINT TAPE AND COMPOUND - JOINTS TO BE COVERED WITH TAPE AND JOINT COMPOUND. LEVEL 4 FINISH.



P4 NON-RATED FURRING PARTITION ONE-SIDED



1. FLOOR WOOD STUD PLATES AND CEILING DOUBLE PLATES - ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24 IN. OC MAX.
2. WOOD STUDS - 2"x4", MIN. SPACING 16" O.C.
3. GYPSUM BOARD - 1 LAYER, 1/2 IN. THICK GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. EXTEND STUDS AND GWB ON BOTH SIDES TO STRUCTURE. SCRIBE GWB TO STRUCTURE AND FIRE CAULK, AS REQUIRED FOR DETERMINED FIRE RATING.
4. FASTENERS - (NOT SHOWN) - 1 IN. LONG TYPE S OR S-12 STEEL SCREWS USED TO ATTACH PANELS TO STUDS (ITEM 2), SPACED 8 IN. OC WHEN PANELS ARE APPLIED HORIZONTALLY, OR 8 IN. OC ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. OC IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY.
5. JOINT TAPE AND COMPOUND - VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS OF OUTER LAYERS. PAPER TAPES, NOM 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS OF OUTER LAYER PANELS. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM PANELS ARE SUPPLIED WITH A SQUARE EDGE.
6. SCHEDULED CEILING



SHEET TITLE:
PARTITION TYPES

REV	DATE	DESCRIPTION

SCALE:
 AS NOTED

DATE:	08/15/2022	DRAWN BY:	
SHEET NUMBER:		CHECKED BY:	

A0.01