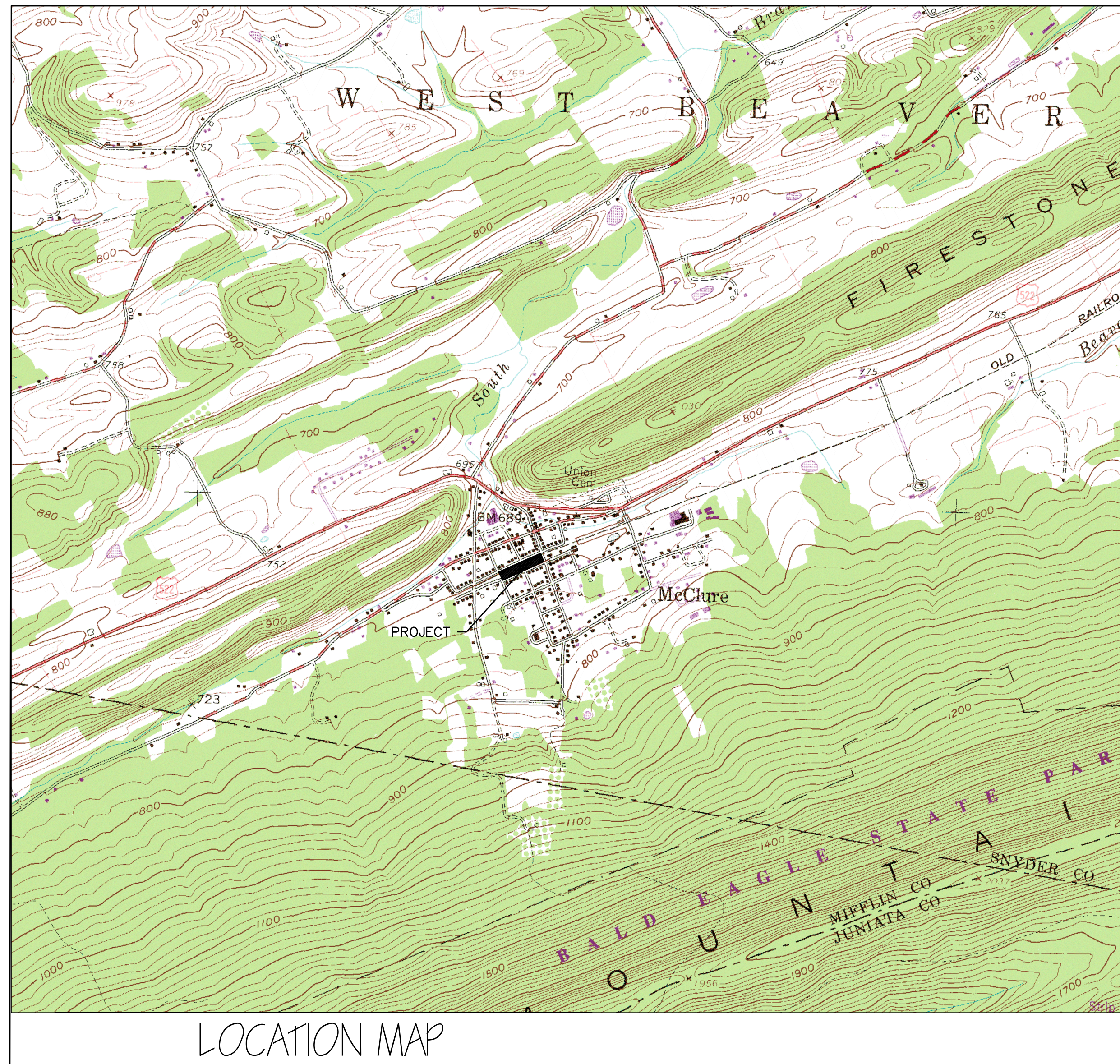


CONSTRUCTION DOCUMENTS

FOR STATION PARK RENOVATIONS

FOR THE BOROUGH OF McCLURE

LOCATED AT
BOROUGH OF McCLURE, SNYDER COUNTY, PENNSYLVANIA



ABBREVIATIONS			
A.C.T.	ACOUSTICAL CEILING TILE	H.C.	HOLLOW CORE
APF	ABOVE FINISH FLOOR	HVAC	HEATING, VENTILATION & AIR CONDITIONING
ALUM.	ALUMINUM	INSUL.	INSULATION
BLK.	BLOCK	INT.	INTERIOR
CAB.	CABINET	J.T.	JIT
CLG.	CEILING	L.A.M.	LAMINATED
C.L.J.	CONTROL JOINT	L.V.	LAVATORY
C.L.	CENTER LINE	L.F.	LINEAR FT.
C.T.	CERAMIC TILE	MFG.	MANUFACTURER
C.R.	CHAR RAIL	MTL.	MATERIAL
CONC.	CONCRETE	M.O.	MASONRY OPENING
CMU	CONCRETE MASONRY UNIT	MECH.	MECHANICAL
CONST.	CONSTRUCTION	M.R.	MOISTURE RESISTANCE
DTL.	DETAIL	M.D.G.	MOLDING
DIM.	DIMENSION	N.T.S.	NOT TO SCALE
DR.	DOOR	NO.	NUMBER
DF	DRUG FIRE	O.C.	ON CENTER
DWG.	DRAWING	O.H.D.	OVERHEAD DOOR
D.F.	DRINKING FOUNTAIN	OSB	ORIENTED STRANDBOARD
DW	DRYWALL	P.T.	PAINTED
E.W.	EACH WAY	P.	PLATE
E.C.	ELECTRICAL CONTRACTOR	P.C.	PLUMBING CONTRACTOR
EL.	ELEVATION	PLYWD.	PLYWOOD
EQ.	EQUAL	R	RADIUS
EQUIP.	EQUIPMENT	R.D.	ROOF DRAIN
EX.	EXISTING	RM.	ROOM
EXP. JT.	EXPANSION JOINT	R.O.	ROUGH OPENING
EIFS	EXTERIOR INSULATION FINISHING SYSTEM	SHT.	SHEET
EXT.	EXTERIOR/ EXTINGUISHER	SPP	SPRUCE PINE FIR
F.F.	FINISH FLOOR	STD.	STANDARD
F.G.	FINISH GRADE	STL.	STEEL
F.C.	FIRE CODE	S.A.C.	SUSPENDED ACOUSTICAL CEILING
FL.	FLOOR	T.R.T.D.	TREATED
F.D.	FLOOR DRAIN	TYP.	TYPICAL
FT.	FOOT	V.N.	VINYL
FTG.	FOOTING	V.C.T.	VINYL COMPOSITION TILE
GA.	GALVE	V.W.C.	VINYL WALL COVERING
G.C.	GENERAL CONTRACTOR	W.C.	WAINSCOT
HGRS.	HANGERS	W.F.	WATER FOUNTAIN
HGT.	HEIGHT	WWF	WELDED WIRE FABRIC
		WD.	WOOD

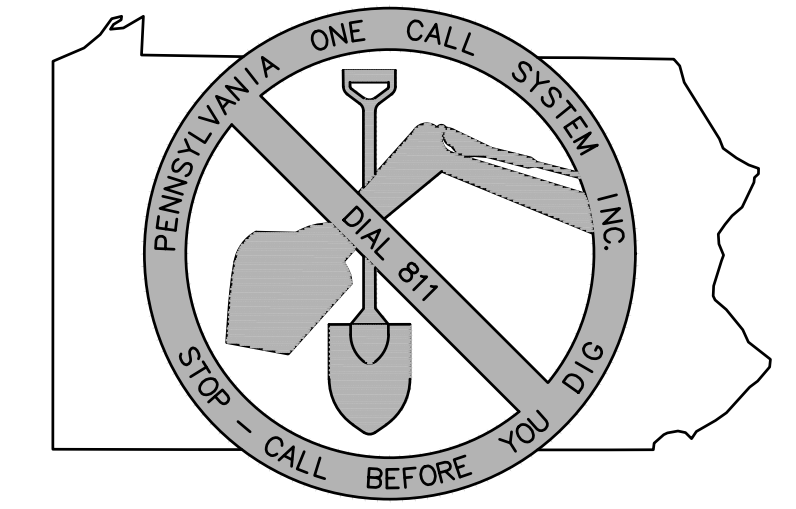
DRAWING INDEX	
C1	COVER SHEET
C2	STANDARD NOTES
C3	EXISTING SITE PLAN
C4	PROPOSED OVERALL SITE PLAN
C5	SITE DETAILS
C6	ENLARGE PLANS
C7	ENLARGE PLANS
C8	LIGHTING DETAILS
C9	EROSION AND SEDIMENT CONTROL PLANS
C10	EROSION AND SEDIMENT CONTROL DETAILS
C11	EROSION AND SEDIMENT CONTROL NOTES
C12	LANDSCAPING PLAN
C13	PROPOSED DCNR SITE PLAN

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PREPARED BY:

CES ENGINEERING, LLC
- PUTTING YOU FIRST -
• MCCONNELLSBURG, PA (717) 485-5440 • HUNTINGDON, PA (814) 644-6621
A FULL SERVICE ENGINEERING, LAND SURVEYING & BUILDING DESIGN FIRM

LEE S. ZEGER III, P.E.
7910 SUNRISE CAMP ROAD
HUNTINGDON, PA 16652
PHONE: (814) 644-6621
EMAIL: lzeger@ces-engr.com



PA ACT 287 (1974) AS AMENDED BY PA ACT 121 (2008)
REQUIRES NO LESS THAN THREE WORKING DAYS AND NO MORE THAN 10 WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH.

DIAL 811
SERIAL NO. 20231510557-000

UTILITIES AFFECTED:
FIRST ENERGY CORPORATION
PP&L ELECTRIC
ZITO MEDIA L P
McCLURE MUNICIPAL AUTHORITY
VERIZON PENNSYLVANIA LLC

888-544-4877
800-342-5775
800-365-6988
570-858-4755
800-837-4966

LEE S. ZEGER III, P.E.
7910 SUNRISE CAMP ROAD
HUNTINGDON, PA 16652
(814) 644-6621

CONTACT PERSON

DATE: 11/21/2023
SHEET C1 OF 13

GENERAL NOTES:

- CONTOURS SHOWN HEREON ARE TAKEN FROM TILE #51002080 OF THE PENNSYLVANIA SPATIAL DATA ACCESS WEBSITE (PASDA.COM). VERTICAL DATUM IS NAVD '88. ADDITIONAL TOPOGRAPHY WAS PROVIDED BY CES ENGINEERING, LLC AS SHOWN.
- THE PROPERTY SHOWN HEREON IS NOT AFFECTED BY THE 100 YEAR FLOODPLAIN AS INDICATED ON THE FLOOD INSURANCE RATE MAP--COMMUNITY PANEL NO. 42190C0180D, EFFECTIVE DATE NOVEMBER 16, 2007.
- THE PURPOSE OF THIS LAND DEVELOPMENT PLAN IS FOR THE CONSTRUCTION OF UPGRADES TO AN EXISTING COMMUNITY PARK WHICH INCLUDES BUT NOT LIMITED TO THE FOLLOWING: REPLACING SIDEWALKS AND CURBS, ADA CURB RAMPS, INSTALLATION OF A 5' ACCESSIBLE PATHWAYS, HANDICAP RAMP, PAVILION, ADA RESTROOM WITH UTILITIES AND HANDICAP PARKING AREAS ALONG STREET.
- ADDITIONAL SEWAGE IS BEING GENERATED BY THIS DEVELOPMENT. PROPOSED PUBLIC SEWER CONNECTION WILL BE PROVIDED FOR THE PROPOSED PUBLIC RESTROOMS.
- WETLANDS DO NOT EXIST IN THE PROJECT VICINITY AS SHOWN.
- TOTAL DISTURBED AREA = 0.95 ACRES
- TOTAL PROJECT AREA = 0.95 ACRES
- HORIZONTAL DATUM--NORTH TO AGREE WITH NAD 83 (PA SOUTH) HORIZONTAL DATUM.
- THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED ON FIELD LOCATION OF ALL VISIBLE STRUCTURES, SUCH AS CATCH BASINS, MANHOLES, ETC. AND COMPILING INFORMATION FROM EXISTING SITE PLANS AND UTILITY COMPANIES.
- PERIMETER BOUNDARY SURVEY SHOWN HEREON PERFORMED BY CES ENGINEERING, LLC AND BASED ON THE RIGHT-OF-WAY INFORMATION FOR THE STREET AS SHOWN FROM BOROUGH ARCHIVES.
- A COPY OF THIS PLAN APPROVED BY THE BOROUGH SHALL BE ON SITE AND AVAILABLE AT ALL TIMES DURING CONSTRUCTION.
- ANY DAMAGE TO EXISTING BOROUGH ROADS OUTSIDE OF THE PROJECT AREA SHALL BE REPAIRED BY THE CONTRACTOR TO THE BOROUGH OF McCLURE'S ROAD CONSTRUCTION SPECIFICATIONS AND TO THE SATISFACTION OF THE BOROUGH OF McCLURE.
- NO SUBSURFACE INVESTIGATION HAS BEEN MADE FOR VERIFICATION OF MANMADE OR NATURAL FEATURES INCLUDING BUT NOT LIMITED TO UTILITIES, GROUNDWATER, AND/OR BEDROCK. SHOWN ON THESE DRAWINGS ARE THOSE UTILITIES AND INFRASTRUCTURE WHICH HAVE BEEN IDENTIFIED BY OTHERS PLANS OR BY FIELD MARKERS. THE CONTRACTOR SHALL VERIFY AND ASSURE THEMSELVES BY ALL MEANS NECESSARY, INCLUDING HAND DIGGING TEST PITS, THAT NO HAZARDS EXISTS OR DAMAGE WILL OCCUR TO EXISTING UTILITIES OR INFRASTRUCTURE. RECORD DRAWINGS WERE OBTAINED BY OTHERS IN THE PREPARATION OF THESE DOCUMENTS. CES ENGINEERING, LLC HAS MADE EVERY EFFORT TO VALIDATE THIS INFORMATION, HOWEVER IT ASSUMES NO RESPONSIBILITY FOR THE INFORMATION CONTAINED IN RECORD DRAWINGS PROVIDED AND WILL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS INCORPORATED INTO THE DRAWINGS BECAUSE OF THE RELIANCE ON SUCH INFORMATION.
- INCONSISTENCIES BETWEEN FIELD CONDITIONS AND THE DRAWINGS, INCLUDING BUT NOT LIMITED TO CLEARANCES BETWEEN EXISTING AND PROPOSED INFRASTRUCTURE LESS THAN 12", SHALL BE REPORTED TO THE ENGINEER AND OWNER IMMEDIATELY BY THE CONTRACTOR.
- THERE HAS BEEN NO ENVIRONMENTAL STUDY CONDUCTED FOR THIS PROJECT.
- CONTRACTOR(S) SHALL VERIFY ALL LINE AND GRADE INFORMATION FOR PAVING, WALKS, UTILITIES, AND OTHER CONSTRUCTION SHOWN ON THESE PLANS ARE CORRECT, MEET ALL APPLICABLE CONSTRUCTION ORDINANCES, AND ASSURE THEMSELVES THAT NO CONFLICT WILL OCCUR PRIOR TO ORDERING MATERIALS OR PROCEEDING WITH LABOR. CONFLICTS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR(S) SHALL BEAR THE SOLE RESPONSIBILITY FOR JOB SITE SAFETY.
- ANY DAMAGE TO EXISTING UTILITIES, PAVEMENT, LANDSCAPING OR OTHER MAN-MADE ITEMS ON OR ADJACENT TO THE SITE OR NOT SPECIFICALLY INDICATED FOR DEMOLITION BY THE CONTRACTOR SHALL BE REPORTED IMMEDIATELY AND REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE AND TO THE SATISFACTION OF THE UTILITY OR OTHER OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS (UNLESS ALREADY PROVIDED) AND FOR COMPLYING WITH ALL APPLICABLE LEGAL AND REGULATORY REQUIREMENTS.
- THE (CONTRACTOR) IS DEFINED AS THE COMPANY, CORPORATION, AND/OR ENTITY, AND THEIR ASSIGNS (SUBCONTRACTORS), SELECTED UNDER CONTRACT WITH THE "OWNER" TO PERFORM THE WORK DESCRIBED BY THESE PLANS, NOTES AND SPECIFICATIONS.
- THE CONTRACTOR SHALL INCLUDE IN HIS/HER SCOPE OF WORK AND BE RESPONSIBLE FOR PROVIDING ALL WORK INCLUDING INCIDENTALS REQUIRED TO COMPLETE THE JOB. THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE SITE IMPROVEMENTS SHOWN, THE SOILS PREPARATION AND GRADING, PAVING, LANDSCAPING, ETC. IT SHALL ALSO INCLUDE REPAIRS TO THE EXISTING INFRASTRUCTURE IF REQUIRED. THE CONTRACTOR SHALL OBTAIN AND/OR CLARIFY ALL SPECIFICATIONS WITH THE ENGINEER AS NECESSARY. IT SHALL BE DISTINCTLY UNDERSTOOD THAT IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL WORK AND APPURTENANCES NECESSARY TO COMPLETE THE INTENT OF THE WORK IN THESE DOCUMENTS REGARDLESS OF WHETHER SPECIFIC MENTION HAS BEEN MADE AND SHALL NOT RELIEVE THE CONTRACTOR OF HIS/HER RESPONSIBILITY TO PERFORM SUCH WORK.
- THESE DRAWINGS, NOTES, AND SPECIFICATIONS PROVIDE THE CONTRACTOR THE COMPLETE SCOPE OF WORK WHEN USED WITH ALL RELATED DOCUMENTS INCLUDING WRITTEN DOCUMENTS PREPARED BY OTHER CONSULTANTS, AND/OR ANY LOCAL, STATE OR FEDERAL ORDINANCE'S/LAWS/REGULATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE, INVESTIGATE ALL CONDITIONS THAT AFFECT HIS/HER WORK, BECOME FAMILIAR WITH THE EXISTING CONDITIONS, AND ALL DRAWINGS AND SPECIFICATIONS. THE INFORMATION SHOWN ON THESE DOCUMENTS, INCLUDING LINE, GRADE, AND SURVEY INFORMATION OF EXISTING FEATURES HAS BEEN DERIVED FROM THE BEST INFORMATION AND RECORDS POSSIBLE. THE CONTRACTOR SHALL SATISFY THEMSELVES OF ALL CONDITIONS, BOTH SURFACE AND SUBSURFACE, PRIOR TO THE START OF THE WORK. THIS INCLUDES, BUT IS NOT LIMITED TO LOCATIONS, MEASUREMENTS AND EXACT LOCATION OF UNDERGROUND UTILITIES.

- THE CONTRACTOR SHALL INSURE THAT THE APPROPRIATE SAFETY PRECAUTIONS FOR ALL EMPLOYEE'S AND PUBLIC ARE OBSERVED DURING CONSTRUCTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO SHORING AND BRACING, UTILITY DISCONNECTION, DELINEATION AND SIGNAGE AND TRADE COORDINATION.
- THE CONTRACTOR MUST MONITOR OPERATIONS FOR CLEANLINESS. IT IS THEIR RESPONSIBILITY TO KEEP THE SITE AND STREETS CLEAN AND FREE OF TRACKED MUD OR OTHER DEBRIS. THE CONTRACTOR, AT NO ADDITIONAL EXPENSE TO THE OWNER, SHALL BE RESPONSIBLE FOR DISCARDING WASTE AND/OR EXCESS MATERIALS AND DEBRIS FROM THE SITE IN A LEGAL MANNER ACCORDING TO ALL LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL EXISTING OPERATIONS, ACCESS TO BUSINESS, TRAFFIC MOVEMENTS, ETC. SHALL REMAIN OPEN DURING THE COURSE OF THIS PROJECT.
- CONTRACTOR SHALL VERIFY PRIOR TO BEGINNING CONSTRUCTION THAT THE BENCHMARKS AND OTHER PROJECT CONTROL SHOWN ON THESE PLANS ARE ACCURATE.
- THE PLAN SET ATTACHED IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS TO FIELD VERIFY DIMENSIONS.
- BOROUGH STREETS MUST REMAIN OPEN DURING CONSTRUCTION TO THE MAXIMUM EXTENT PRACTICAL. THE PARKING AREAS MAYBE CLOSED AS NEEDED WITH COORDINATION WITH THE BOROUGH.
- ALL WORK MUST BE MAINTAINED WITHIN THE BOROUGH RIGHT-OF-WAY AND/OR PROPERTY PROVIDED.
- THE CONTRACTOR SHALL NOTIFY THE BOROUGH IF ANY OF THE STREETS NEEDS TO BE CLOSED DURING CONSTRUCTION IN 24 HOURS IN ADVANCE BY WRITING.
- ALL GRADING SHALL BE GRADED TO DRAIN TO PREVENT PONDING.
- THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING PA-ONE CALL PRIOR TO BEGINNING CONSTRUCTION.
- ALL SITES WILL BE SEEDED AND MULCHED AFTER ALL EARTHWORK ACTIVITIES ARE FINISHED.
- CONTRACTOR IS RESPONSIBLE IN MAINTAINING ANY PROPERTY CORNERS OR PROPERTY IDENTIFIERS, STREET SIGNS AND PROJECT CONTROL MONUMENTS. ALL ABANDONED UTILITY LINES ARE TO BE PROTECTED.

GENERAL DEMOLITION NOTES:

- SAWCUT PAVEMENT PRIOR TO ANY PAVEMENT DEMOLITION. LAYOUT AREAS TO BE SAWCUT AS PER PLANS PRIOR TO SAWCUTTING OPERATIONS BEGINNING. SAWCUT TO FULL DEPTH IN AREAS OF FULL DEPTH REPAIR.
- SAWCUT CONCRETE CURBS WHERE CURBS ARE TO REMAIN NEXT TO CURBS TO BE REPLACED.
- SAWCUT ALL PAVEMENT ALONG CURBS TO BE REMOVED AND REPLACED TO FULL DEPTH OF THE EXISTING PAVEMENT TO PREVENT DAMAGE.
- SAWCUT CONCRETE SIDEWALKS TO FULL DEPTH AT A TOOLED JOINT WHERE INDIVIDUAL SLABS NEED TO BE REPLACED FOR NEW SIDEWALKS AND/OR ADA CURB RAMPS.
- CONTRACTOR IS RESPONSIBLE IN MAINTAINING SAFE DISTANCES FROM EXISTING NEIGHBORING STRUCTURES AND SITE AMENITIES. ANY DAMAGE CREATED TO A NEIGHBORING LOT WILL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES AND WILL REPLACE OR REPAIR UTILITIES AT THEIR EXPENSE.
- WHERE AREAS OF EXISTING SIDEWALK ARE TO REMAIN, CONTRACTOR SHALL PROTECT EXISTING SIDEWALKS TO REMAIN AS NECESSARY.
- ALL REMOVED CONCRETE AND ASPHALT MATERIALS WILL BECOME THE OWNERSHIP OF THE CONTRACTOR. THE CONTRACTOR MUST DISPOSE OF AS PER LOCAL/STATE/FEDERAL REGULATIONS.
- CONTRACTORS SHALL PREVENT ANY DAMAGE TO THE STEPS/PORCHES/LANDSCAPING/HOUSES AND ANY OTHER STRUCTURES ON THE INDIVIDUAL PROPERTY OWNER'S PROPERTY.
- ALL TREES TO BE REMOVED WILL HAVE THE STUMPS REMOVED BELOW GRADE.

GENERAL CONSTRUCTION NOTES:

- INSTALL PAVING SEALANT ALONG ALL CURBS IN AREAS OF REPAVING INCLUDING EXISTING CURB LINES.
- CONTRACTOR SHALL FOLLOW PENNDOT PUBLICATION 408 FOR ALL ROADWAY MATERIALS AND CONSTRUCTION PROCEDURES.
- CONTRACTOR SHALL ALSO FOLLOW THE FOLLOWING PENNDOT PUBLICATION:
 - PUBLICATION 72M "ROADWAY CONSTRUCTION STANDARDS"
 - PUBLICATION 111 "TRAFFIC CONTROL-PAVEMENT MARKINGS AND SIGNING STANDARDS"
 - PUBLICATION 213 "TEMPORARY TRAFFIC CONTROL GUIDELINES"
- CONTRACTOR WILL CONSTRUCT SIDEWALKS IN ACCORDANCE WITH PENNDOT PUBLICATION 67M "CURB RAMPS AND SIDEWALKS".
- WHERE FILL IS REQUIRED, CONTRACTOR SHALL USE ENGINEER FILL AND PROVIDE A MINIMUM OF 6" OF TOPSOIL AND ALL GRASS AREAS.
- CONTRACTOR IS RESPONSIBLE FOR ALL E&S BMP'S AND MAY HAVE TO PROVIDE TEMPORARY BMP'S DURING CONSTRUCTION TO PREVENT ANY SEDIMENT RUNOFF.

Standard Permanent Sign Requirements: Use the sign language that coincides with your project's FUNDING Source.

Overall Size:	18" x 24"
Font Size:	Range from .71" to 1.75" will have layout sheet defined on language text
Font Style:	Arial
Orientation:	Landscape
Base Material:	Aluminum
Thickness:	.080
Sides printed:	1
Corners:	Round
Base Color:	Green
Text Color:	White
Border:	Yes
Mounting:	At funded project site
Mounting Holes:	No
Overlay:	EG Vinyl
Language:	Standard Language for various signs provided below

Language for the Standard DCNR - Keystone Recreation, Park and Conservation funded project:



Language for the Standard DCNR - Growing Greener Program, Environmental Stewardship Funded Project:

B. "Under Construction" Signs:

- The Bureau encourages applicants to develop and display an "under construction" sign consistent with the design and specifications provided below or any other reasonable alternative (ex. vinyl banner, etc.) for all projects where site development occurs.

Suggested "Under Construction" Sign Specifications: (Local ordinance or local sign design standards may supersede these specifications.)

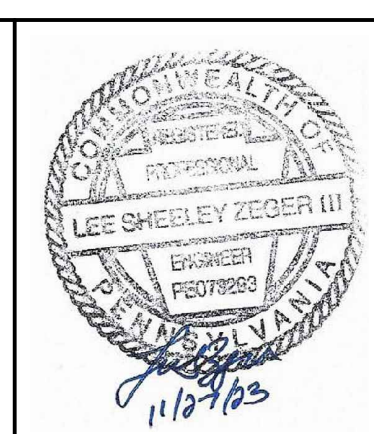
Overall Size:	18" x 24" or larger
Font Size:	Range from .71" to 1.75"
Font Style:	Arial
Orientation:	Landscape
Base Material:	Foam Core
Thickness:	1
Sides printed:	1
Corners:	Square
Base Color:	White
Text Color:	Blue
Border:	Yes
Mounting:	At funded project site
Mounting Holes:	No
Overlay:	EG Vinyl
Language:	Standard language provided below



DISCLAIMER

The policies and procedures outlined in this guidance document are intended to supplement existing requirements. The policies and procedures herein are not an adjudication or a regulation. There is no intent on the part of DCNR to give the rules in these policies that weight or deference. This document establishes the framework within which DCNR will exercise its administrative discretion in the future.

PREPARED FOR:
BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841

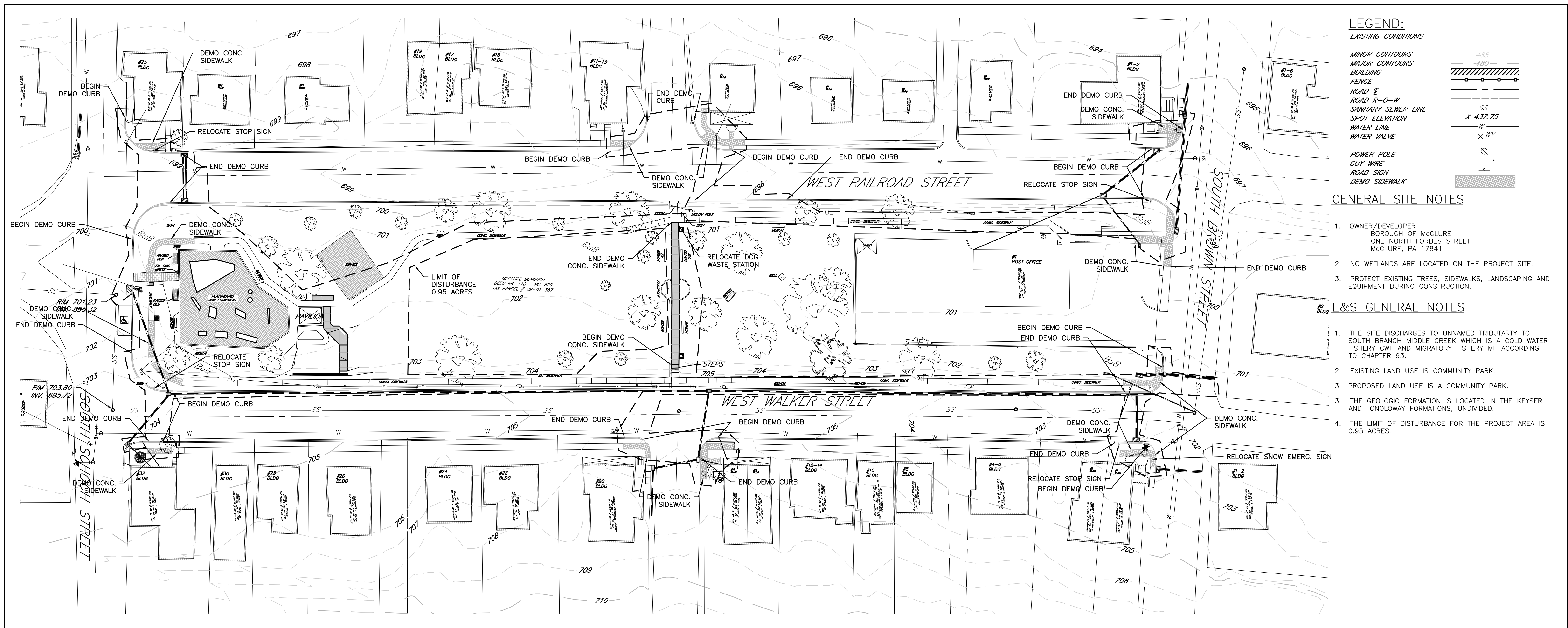


BOROUGH OF McCLURE
STATION PARK
RENOVATIONS
McCLURE, PA 17841

NO.:	REVISION:	DATE:

CES ENGINEERING, LLC
- PUTTING YOU FIRST -
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A FULL SERVICE ENGINEERING, LAND SURVEYING & BUILDING DESIGN FIRM
7910 Sunrise Camp Road, Huntingdon, PA 16652
(814) 644-6621
lzeger@ces-engr.com

SHEET TITLE: CONSTRUCTION NOTES	
SCALE: NONE	DATE: 11/21/23
DRAWN: LSZ	
PROJECT NO: 21085_01_01	
SHEET NO.: 2	C2
OF: 13	



LEGEND:

EXISTING CONDITIONS

MINOR CONTOURS
MAJOR CONTOURS

BUILDING

FENCE

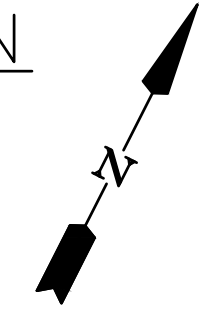
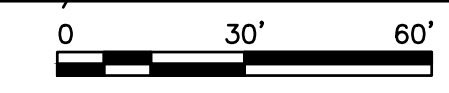
ROAD E
ROAD P-O-W

SANITARY SEWER LINE
SPOT ELEVATION
WATER LINE
WATER VALVE

POWER POLE
GUY WIRE
ROAD SIGN
DEMO SIDEWALK

- GENERAL SITE NOTES**
- OWNER/DEVELOPER
BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841
 - NO WETLANDS ARE LOCATED ON THE PROJECT SITE.
 - PROTECT EXISTING TREES, SIDEWALKS, LANDSCAPING AND EQUIPMENT DURING CONSTRUCTION.
- E&S GENERAL NOTES**
- THE SITE DISCHARGES TO UNNAMED TRIBUTARY TO SOUTH BRANCH MIDDLE CREEK WHICH IS A COLD WATER FISHERY CWF AND MIGRATORY FISHERY MF ACCORDING TO CHAPTER 93.
 - EXISTING LAND USE IS COMMUNITY PARK.
 - PROPOSED LAND USE IS A COMMUNITY PARK.
 - THE GEOLOGIC FORMATION IS LOCATED IN THE KEYSER AND TONOLEWAY FORMATIONS, UNDIVIDED.
 - THE LIMIT OF DISTURBANCE FOR THE PROJECT AREA IS 0.95 ACRES.

EXISTING/DEMOLITION SITE PLAN



SOIL LIMITATION INFORMATION

SOIL NAME	MAPPING SYMBOL	HYDROLOGIC TYPE	WATER TABLE DEPTHS	BEDROCK DEPTH	SLOPES	ADAPTABILITY TO WINTER GRADING	ROAD SUBGRADE	TOPSOIL	SHALLOW EXCAVATION
BUCHANAN CHANNERY LOAM	BuB	C/D	1'+	6'+	0-3%	POOR	SOMEWHAT LIMITED	SOMEWHAT LIMITED	VERY LIMITED

NOTE: ALL SOILS ARE BUCHANAN CHANNERY LOAM SOILS FOR THIS PROJECT.

SOIL RECOMMENDATIONS: THIS PROJECT WILL INCLUDE CONSTRUCTION OF NEW SITE IMPROVEMENTS. THE PARKING AREAS WILL BE LOCATED WITHIN CURRENT PARKING AREAS/STREETS. THE NEW WALKING PATHS WILL BE CONSTRUCTED ON STONE BASE. THE NEW BUILDINGS WILL BE CONSTRUCTED WITH FOUNDATIONS THAT WILL BE LOCATED BELOW FROST.

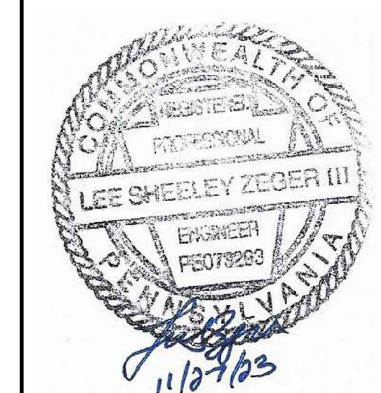
PRIME FARMLAND: BuB

HYDRIC SOILS: NONE

SOIL DATA: SOIL DATA PROVIDED ABOVE FROM WEBSOIL SURVEY FROM NRCS.

PREPARED FOR:

BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841



BOROUGH OF McCLURE
STATION PARK
RENOVATIONS
McCLURE, PA 17841

NO.	REVISION:	DATE:

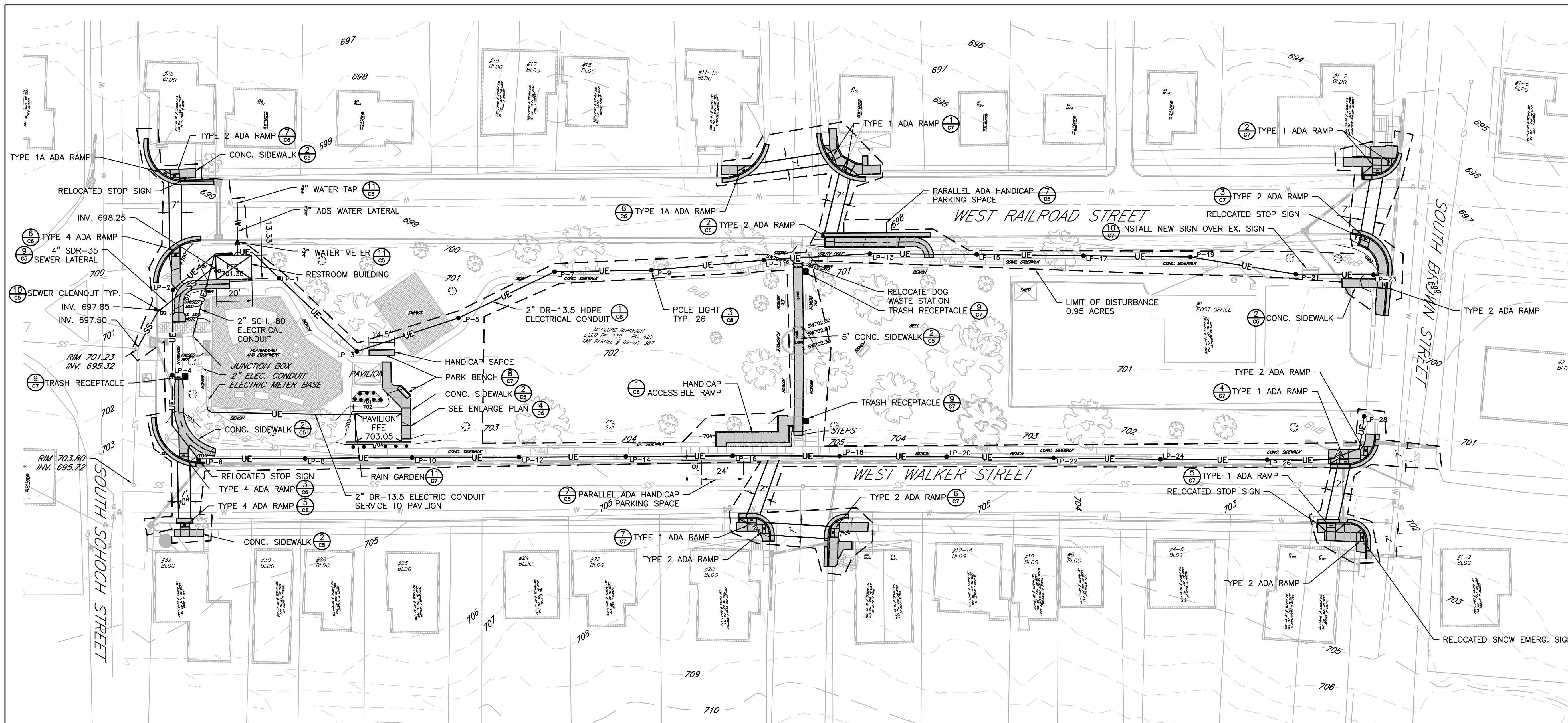
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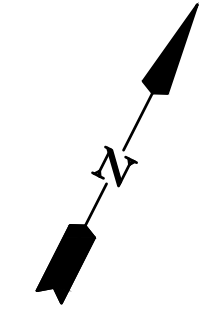
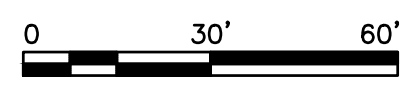
SHEET TITLE: EXISTING/DEMOLITION SITE PLAN	
SCALE: 1"=30'	DATE: 11/21/23
PROJECT NO: 21085_01_01	DRAWN: LSZ
SHEET NO: 3	DATE:
OF: 13	

C3

McClure_Park.dwg 12/12/2023 5:53:22 PM



PROPOSED OVERALL SITE PLAN



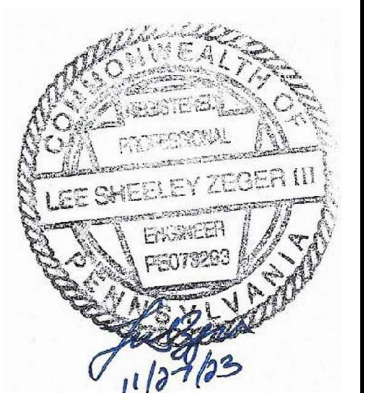
LEGEND:

EXISTING CONDITIONS	
MINOR CONTOURS	488
MAJOR CONTOURS	480
BUILDING	[Symbol]
FENCE	[Symbol]
GAS LINE	[Symbol]
GAS VALVE	[Symbol]
ROAD R-O-W	[Symbol]
SANITARY SEWER LINE	[Symbol]
SPOT ELEVATION	X 437.75
WATER LINE	[Symbol]
WATER VALVE	[Symbol]
TREE TO BE REMOVED	[Symbol]
SEWER CLEANOUT	[Symbol]
POWER POLE	[Symbol]
GUY WIRE	[Symbol]
ROAD SIGN	[Symbol]
WETLANDS	
PROPOSED CONDITIONS	
SPOT ELEVATION	X 437.75
MINOR CONTOUR	488
MAJOR CONTOUR	480
STORM PIPE	[Symbol]
LIMIT OF DISTURBANCE	[Symbol]
SIDEWALKS	[Symbol]
WATER LATERALS	[Symbol]
SEWER LATERALS	[Symbol]
WATER VALVE	[Symbol]
SEWER CLEANOUT	[Symbol]
UNDERGROUND ELECTRIC	[Symbol]
BENCH	[Symbol]
TRASH RECEPTACLE	[Symbol]
DOG WASTE STATION	[Symbol]
LIGHT POLE	[Symbol]

GENERAL NOTES:

- TOTAL LIMIT OF DISTURBANCE IS 0.95 ACRES.
- ALL AREAS DISTURBED OUTSIDE OF PATHWAYS WILL BE RECONSTRUCTED WITH 6" UNCOMPACTED TOPSOIL AND COVERED WITH VEGETATION UNLESS NOTED OTHERWISE.
- ALL AREAS WILL BE DRAINED TO GRADE.
- ALL EMBANKMENTS GREATER THAN 3:1 WILL HAVE TEMPORARY EROSION CONTROL BLANKETS S75 TENSAR OR EQUAL.
- ALL 2" UNDERGROUND ELECTRICAL CONDUIT WILL BE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING TO MINIMIZE IMPACTS TO THE EXISTING PARK. CONTRACTOR WILL NEED TO COORDINATE BORE PIT LOCATIONS WITH ENGINEER PRIOR TO BEGINNING OF DRILLING OPERATION.

PREPARED FOR:
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 ONE NORTH FORBES STREET
 McCLURE, PA 17841

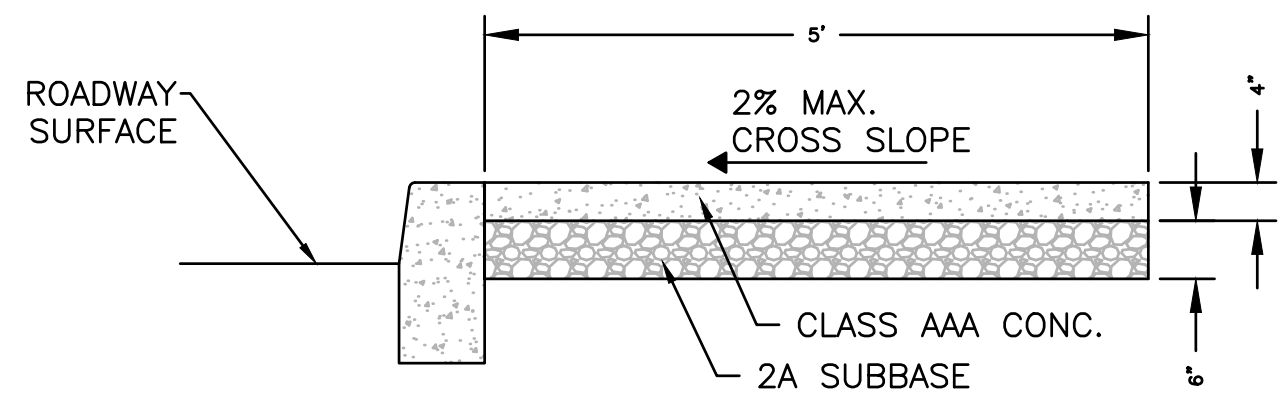


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 RENOVATIONS
 McCLURE, PA 17841

NO.	REVISION	DATE

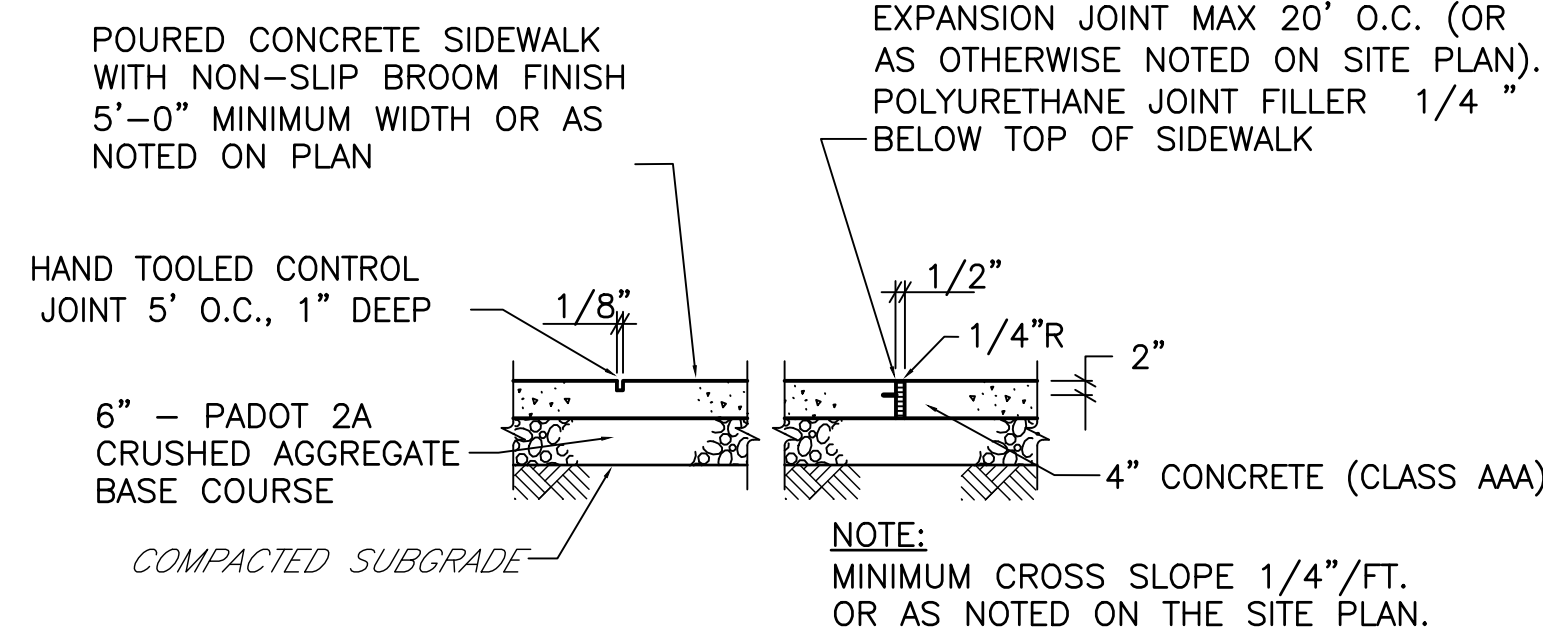
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 A FULL SERVICE ENGINEERING, LAND SURVEYING & BUILDING DESIGN FIRM
 7910 Sunrise Camp Road, Huntingdon, PA 16652
 (814) 644-6621
 lzeger@ces-engr.com

SHEET TITLE: PROPOSED OVERALL SITE PLAN
 SCALE: 1"=30'
 PROJECT NO: 21085_01_01
 SHEET NO: 4
 OF: 13
 DRAWN: LSZ
 DATE: 11/21/23
C4



- NOTES:
- SEE DETAIL 7/C6 FOR OTHER DETAILS.
 - INSTALL SRL-H PG64-22 SEALANT ALONG THE CURB LINE.

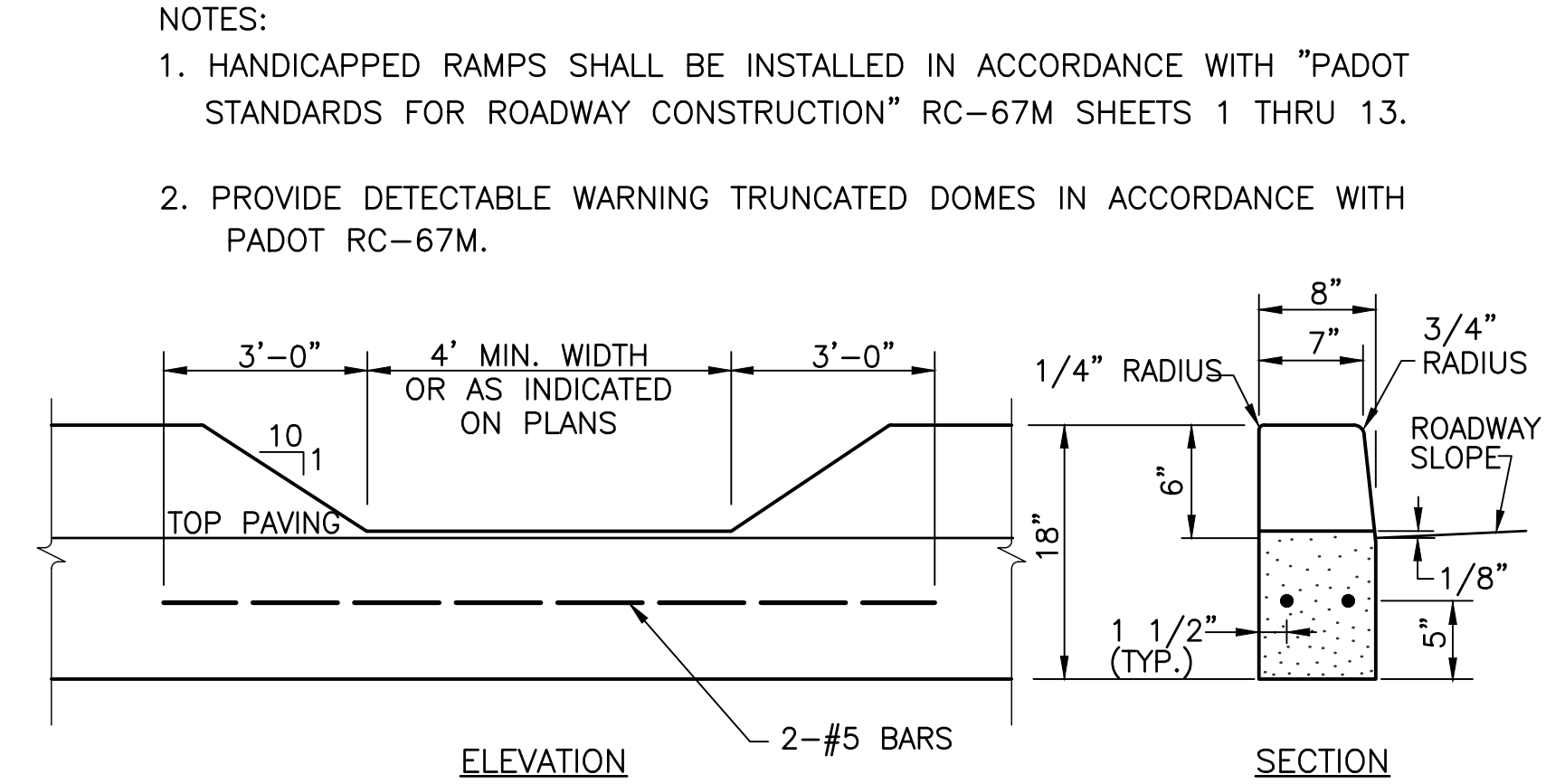
1 **SIDEWALK TYP. SECTION**
C5 NOT TO SCALE



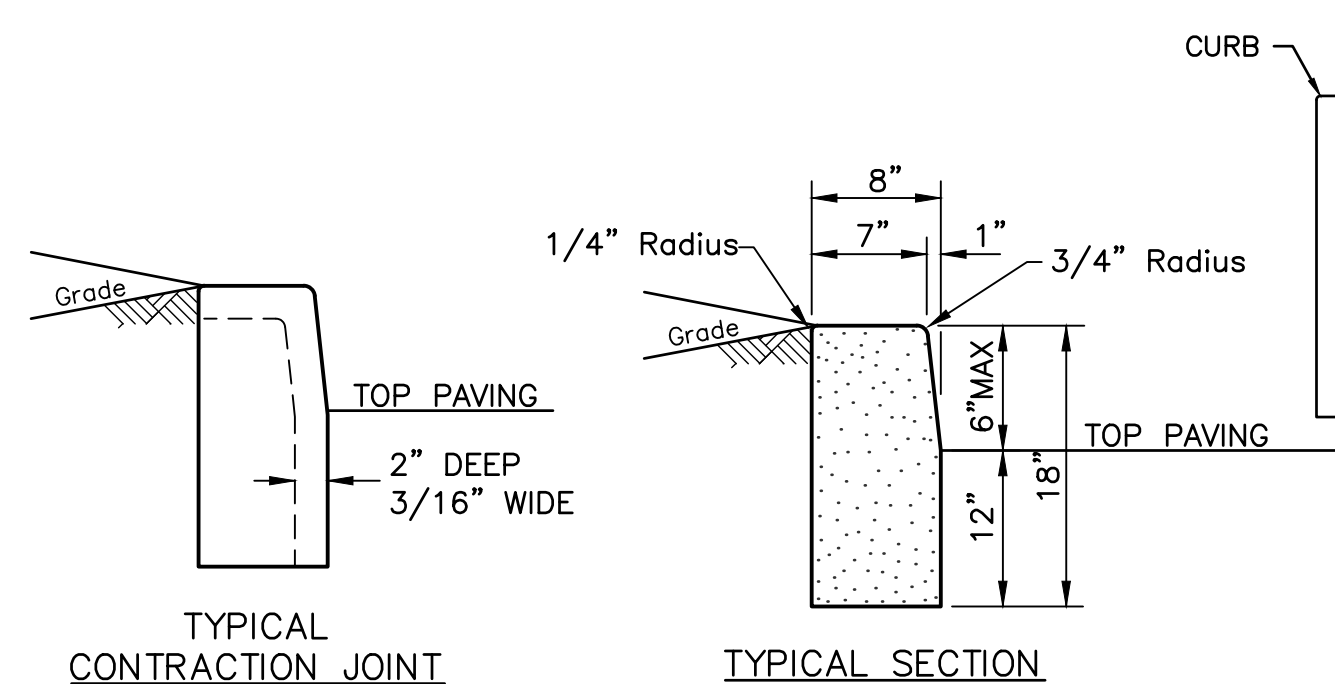
2 **CONCRETE SIDEWALK**
C5 NOT TO SCALE

- NOTES:
- ALL SIDEWALK / CURB MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH PADOT 408 SPECIFICATION.
 - RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH "PADOT STANDARDS FOR ROADWAY CONSTRUCTION" RC-67M, SHEETS 1 THRU 13.
 - PROVIDE DETECTABLE WARNING SYSTEMS IN ACCORDANCE WITH PADOT RC-67M, SHEETS 1 THRU 13.

3 **CURB RAMPS**
C5 NOT TO SCALE

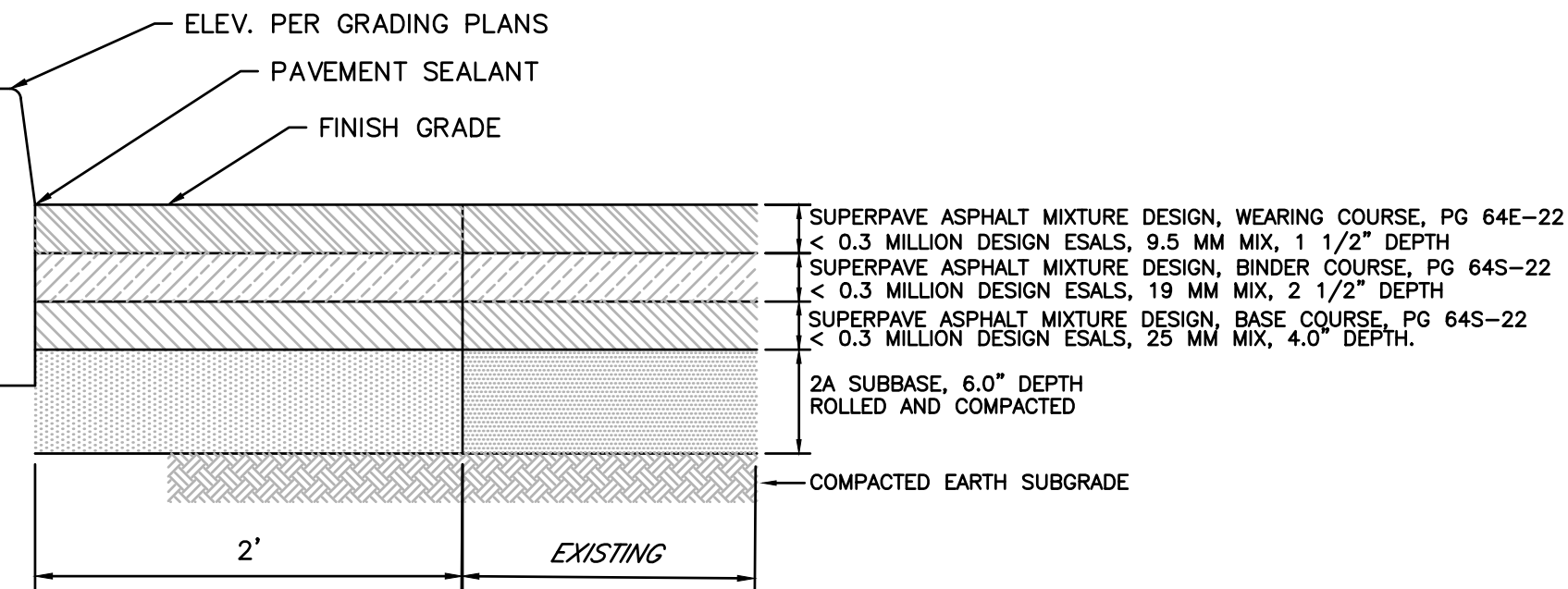


4 **ADA DEPRESSED CONCRETE CURB DETAIL**
C5 NOT TO SCALE



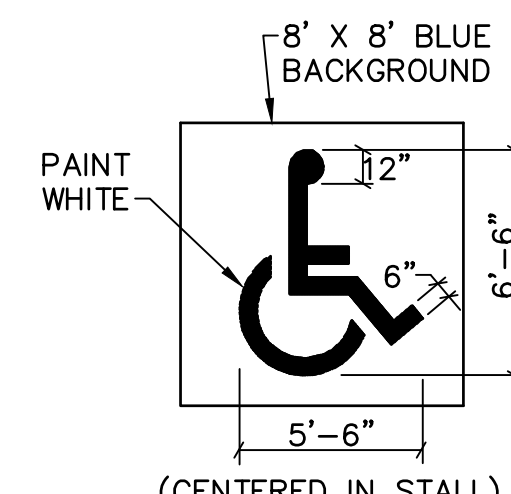
- NOTES:
- CONCRETE TO BE 3,500 P.S.I. @ 28 DAYS.
 - EXP. JOINTS SHALL BE INSTALLED AT ENDS OF RADIUS.
 - EXP. JOINTS SHALL BE INSTALLED AT 40 FT., MAX.
 - PRE-CUT EXP. JOINT MATERIAL SHALL BE USED IN ALL EXP. JOINTS
 - CONTRACTION JOINT SPACING 20' MAX. - 5' MIN.

5 **PLAIN CEMENT CONCRETE CURB**
C5 NOT TO SCALE



- NOTES:
- INSTALL BITUMINOUS TACK COAT BETWEEN EA. PAVING LAYER.
 - INSTALL SRL-E PG64-22 SEALANT IN ALL JOINTS.
 - PAVING PATCH TO MATCH EX. PAVING SECTION AS SHOWN.

6 **PAVING PATCH @ CURB**
C5 NOT TO SCALE

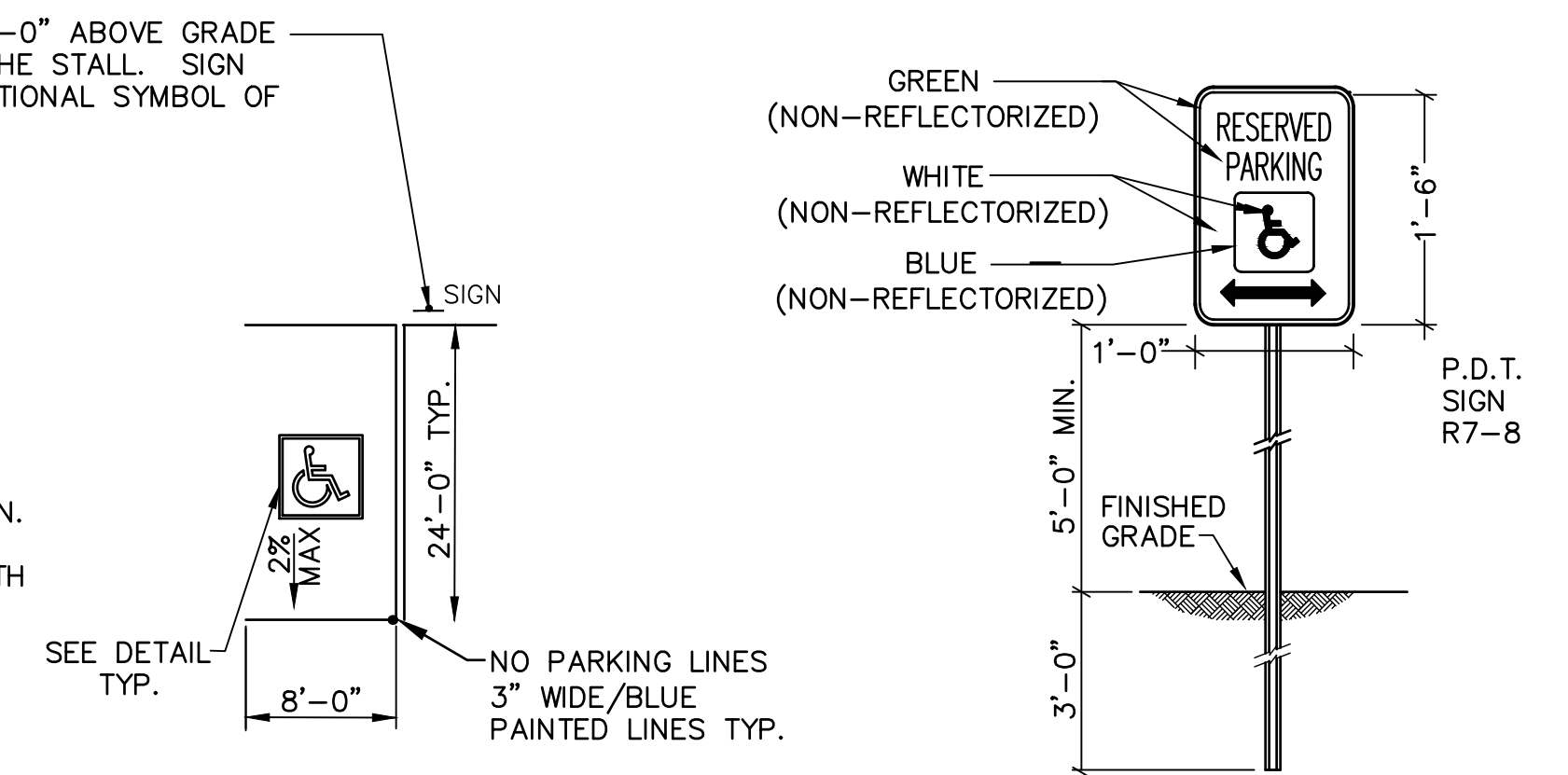


7 **HANDICAP STALL MARKING**

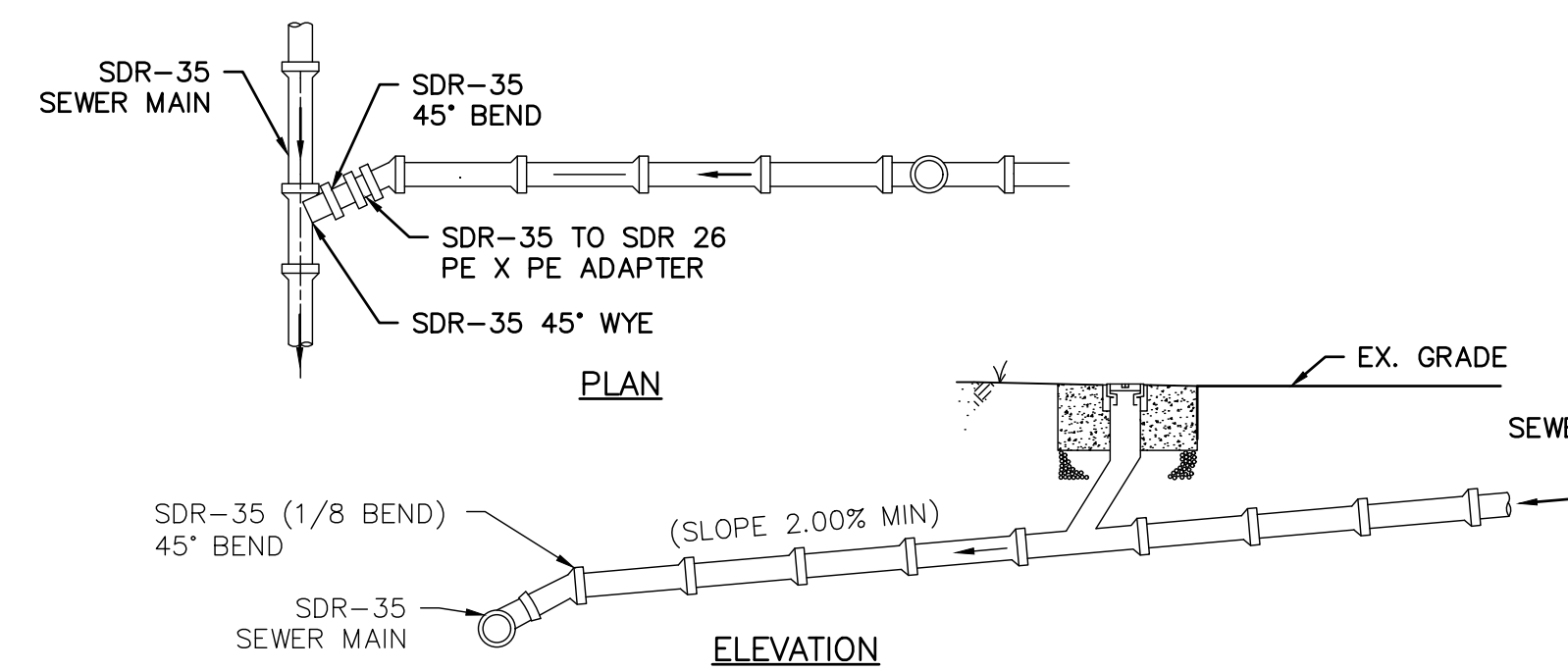
- NOTES:
- ALL LINES TO BE MIN. 3' WIDE FIELD ROYAL BLUE BORDER & SYMBOL WHITE.
 - PROVIDE TWO COATS OF PAINT DRY BETWEEN COATS.
 - LOCATE SYMBOL AT CENTER OF STALL WHERE SHOWN ON SITE PLAN.
 - HANDICAP SYMBOL TO COMPLY WITH CURRENT HANDICAP REQUIREMENTS OF LOCAL PUBLIC AGENCY ETC.

7 **PARKING STRIPE & HANDICAP PARKING DETAIL**
C5 NOT TO SCALE

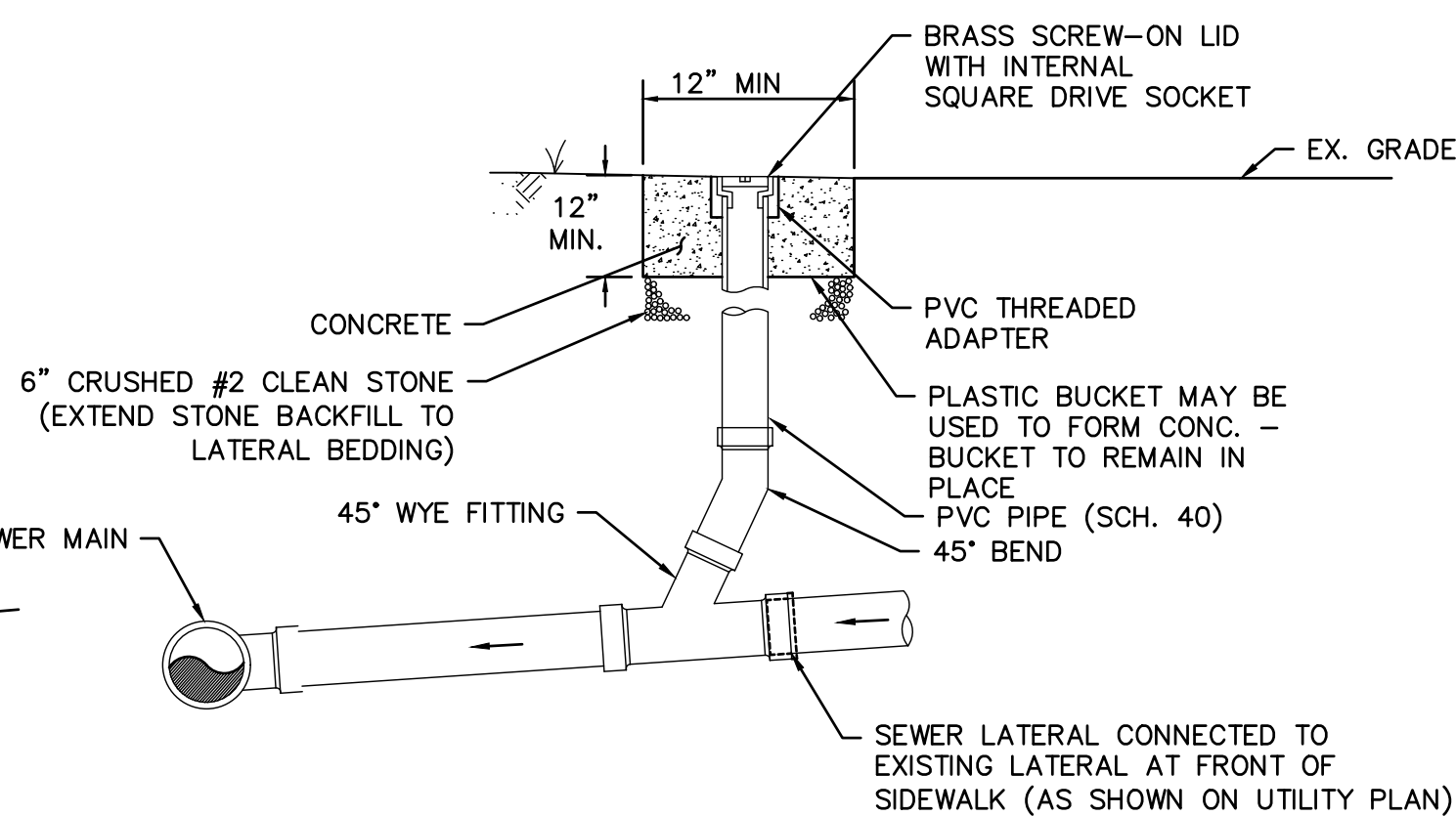
VISIBLE SIGN MOUNTED 5'-0" ABOVE GRADE TO THE CENTERLINE OF THE STALL. SIGN TO INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.



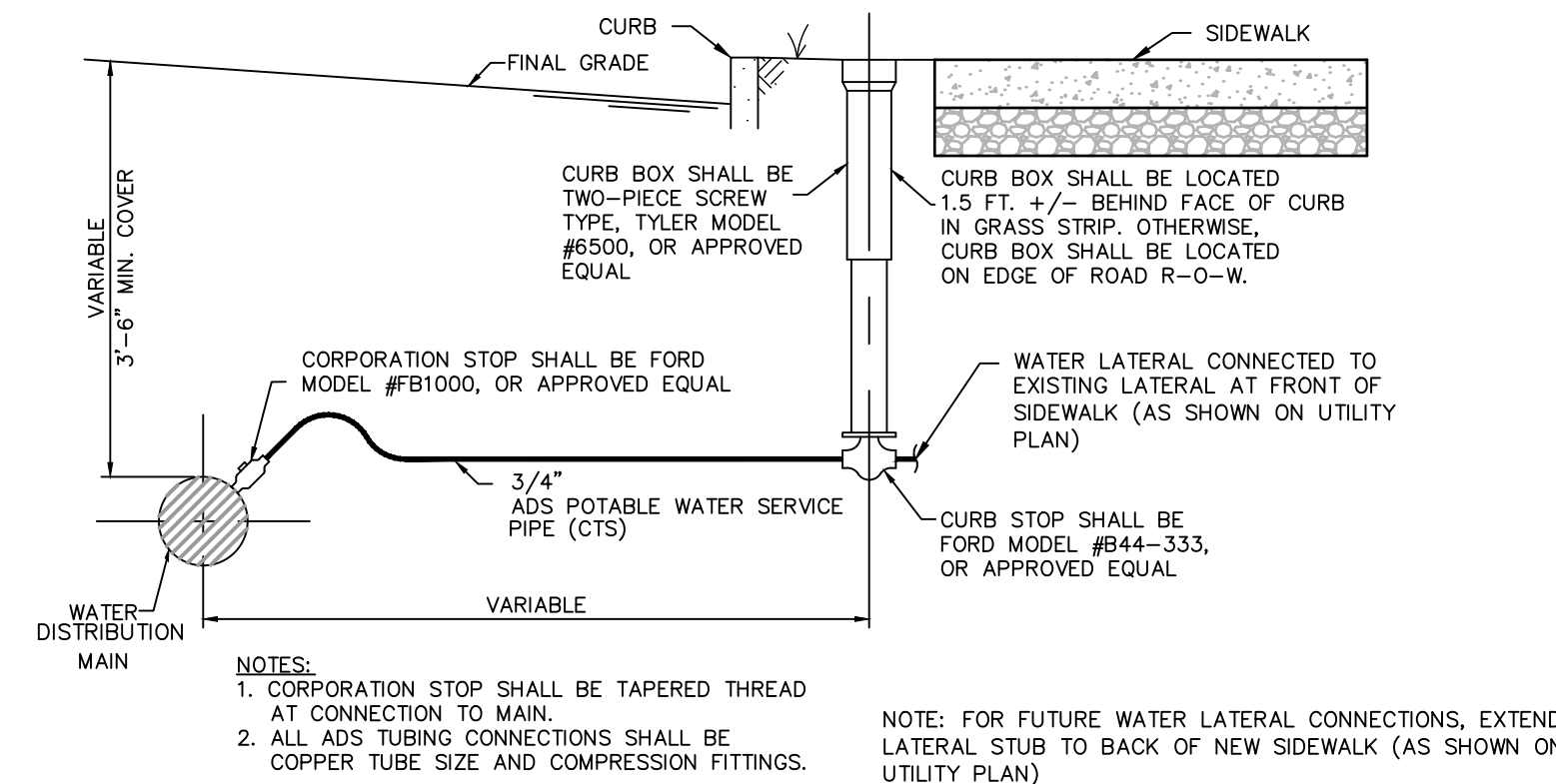
8 **HANDICAP SIGN DETAIL**
C5 NOT TO SCALE



9 **4" & 6" GRAVITY SEWER SERVICE LATERAL**
C5 NOT TO SCALE

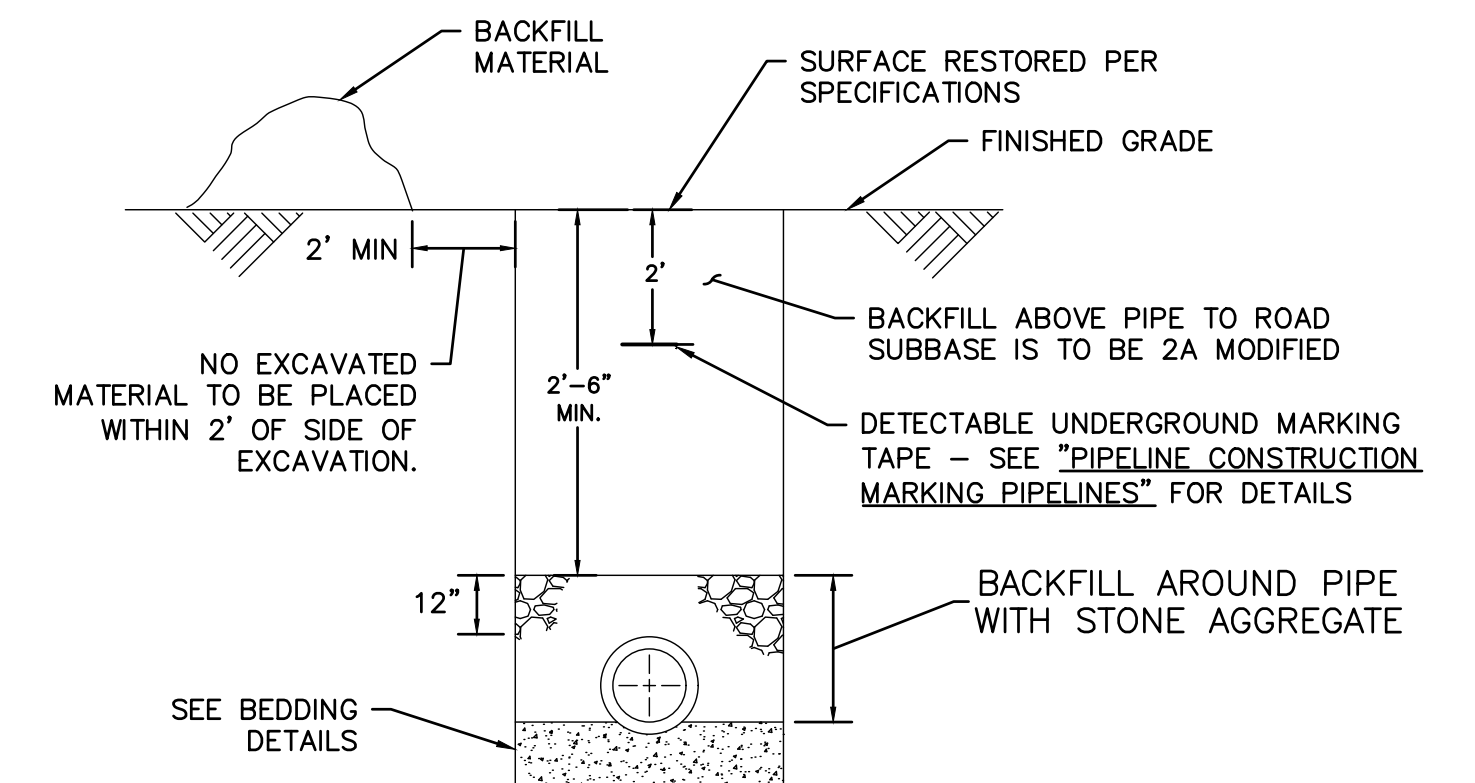


10 **TYPICAL LATERAL CLEANOUT**
C5 NOT TO SCALE



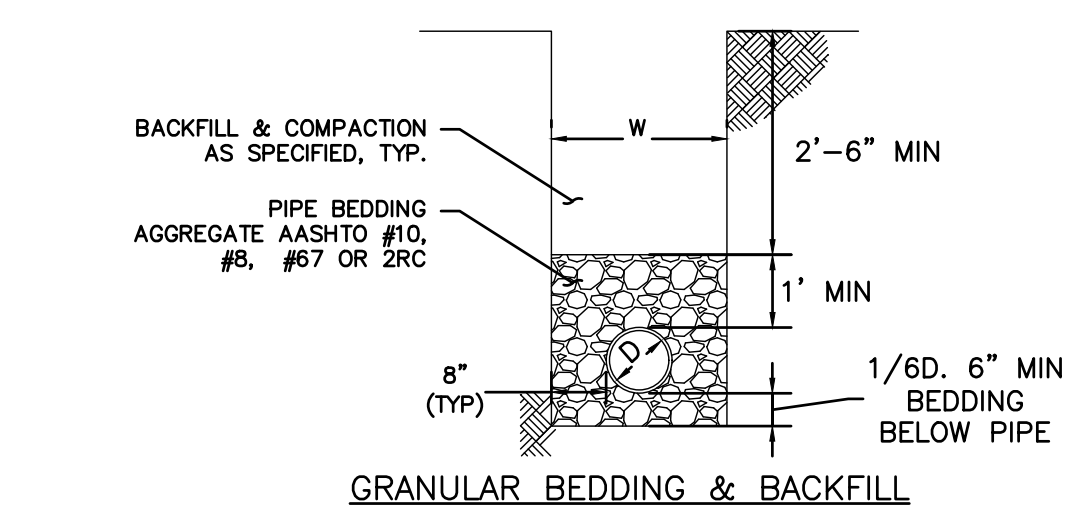
- NOTES:
- CORPORATION STOP SHALL BE TAPERED THREAD AT CONNECTION TO MAIN.
 - ALL ADS TUBING CONNECTIONS SHALL BE COPPER TUBE SIZE AND COMPRESSION FITTINGS.
- NOTE: FOR FUTURE WATER LATERAL CONNECTIONS, EXTEND LATERAL STUB TO BACK OF NEW SIDEWALK (AS SHOWN ON UTILITY PLAN)

11 **TYPICAL WATER SERVICE CONNECTION**
C5 NOT TO SCALE



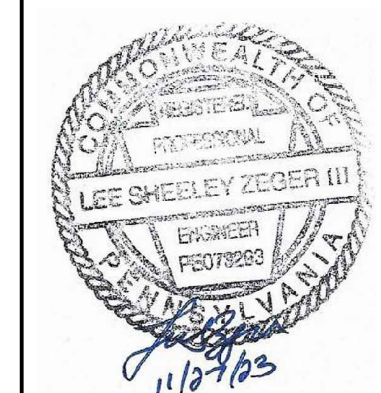
- NOTES:
- SHORING REQUIRED FOR ALL TRENCHES IN ACCORDANCE WITH APPLICABLE REGULATIONS, LAWS & SAFETY CODES
 - BACKFILL AROUND PIPE: PA AASHTO #8, #10, #67 OR 2RC AGGREGATE THOROUGHLY COMPACTED: COMPACTED TO 90% OF MAXIMUM DENSITY OBTAINED AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY A.A.S.H.O. STANDARD METHOD

12 **WATER LATERAL TRENCH DETAIL**
C5 NOT TO SCALE



13 **TRENCHING, ENCASEMENT AND CRADLE DETAIL**
C5 NOT TO SCALE

PREPARED FOR:
BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841

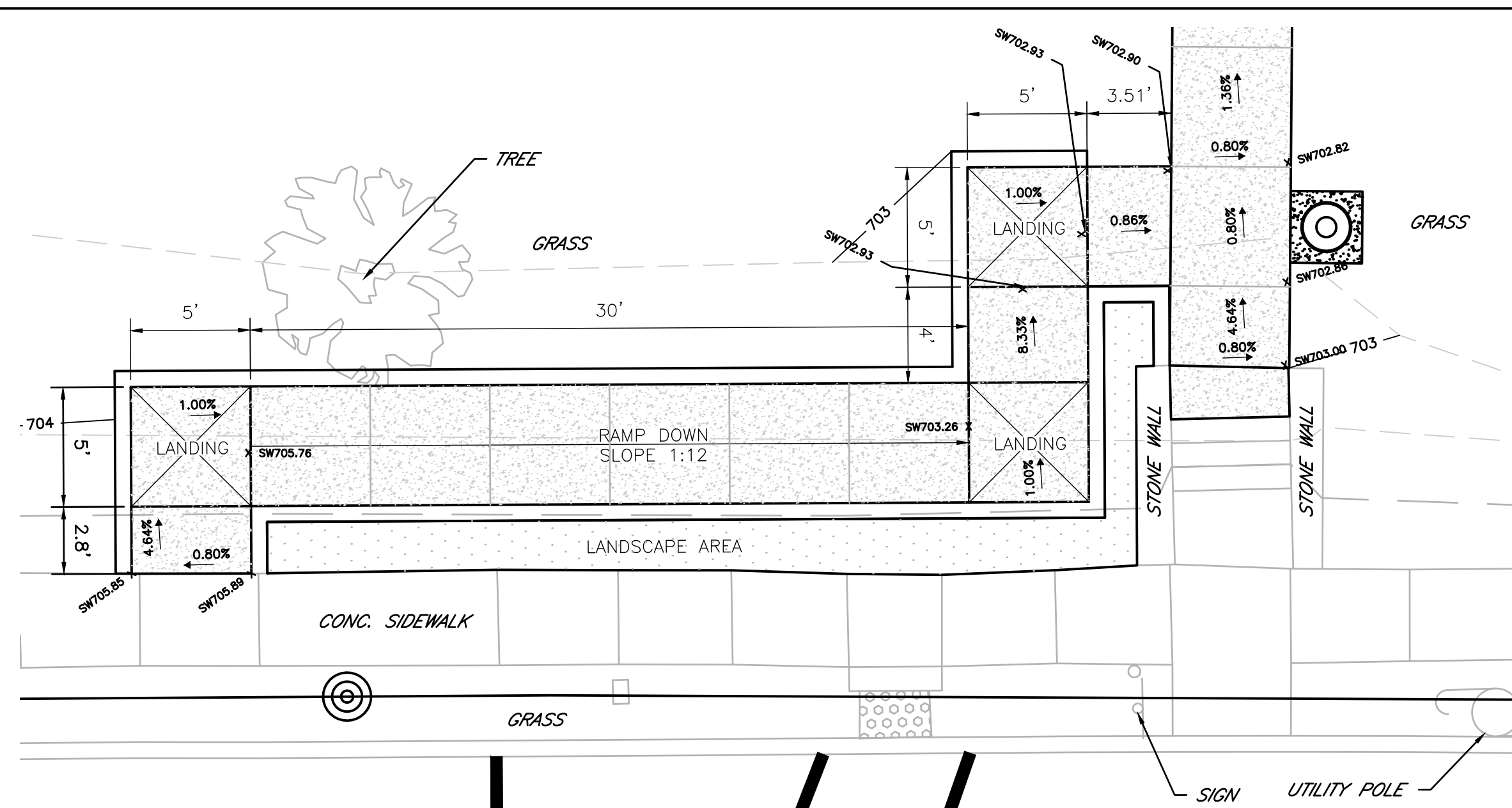


BOROUGH OF McCLURE
STATION PARK
RENOVATIONS
McCLURE, PA 17841

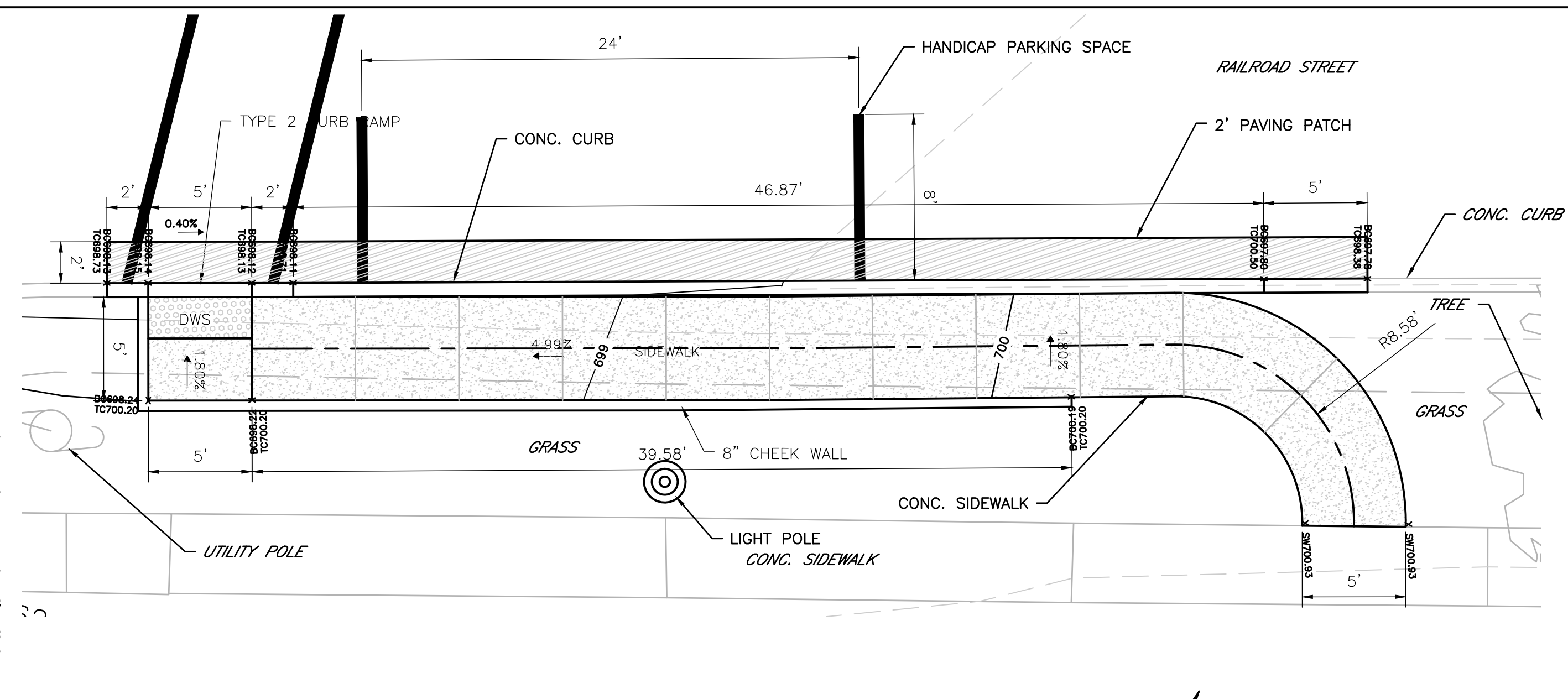
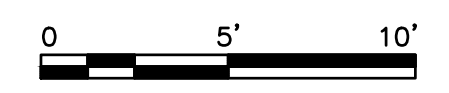
NO.	REVISION	DATE

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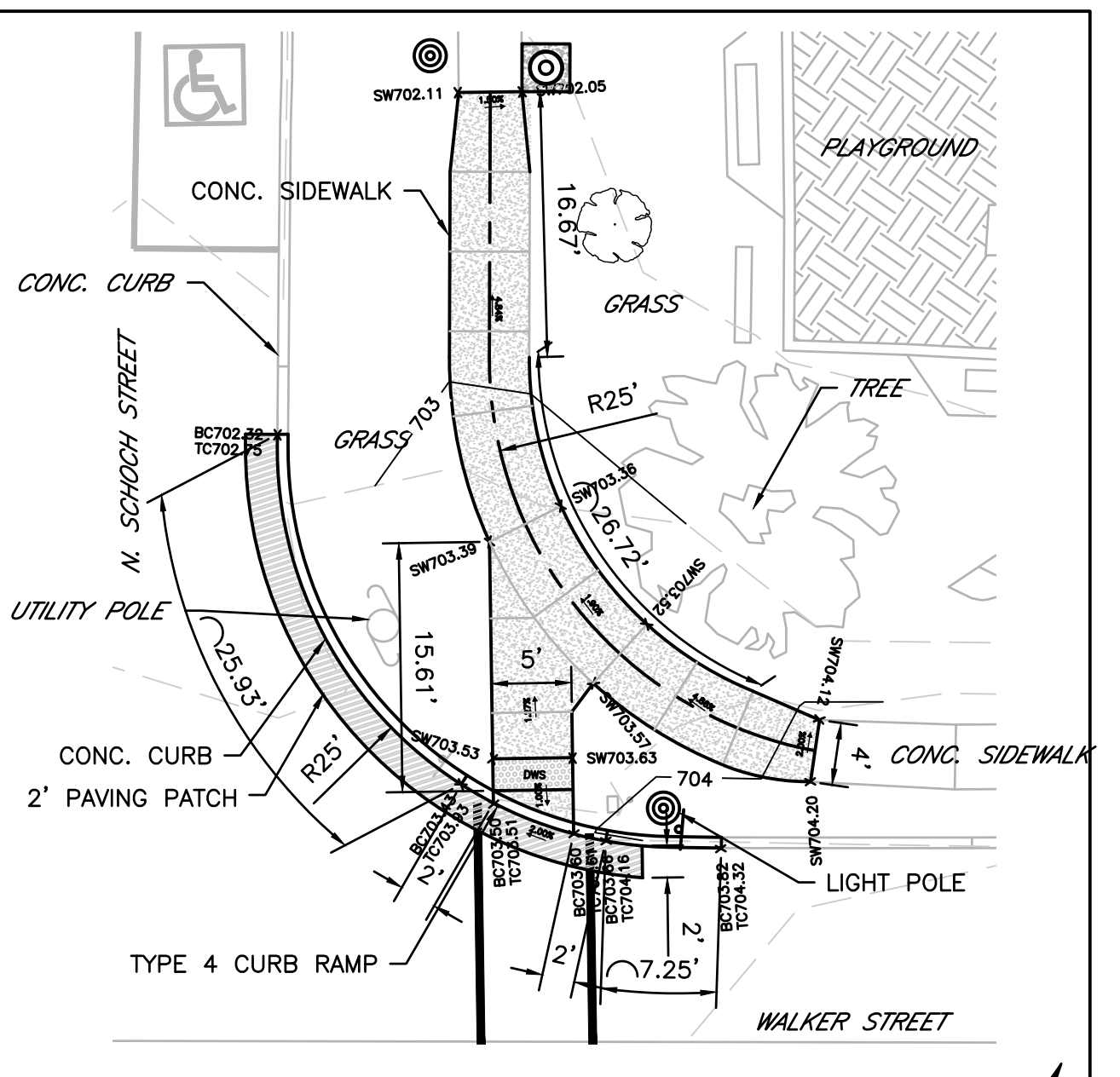
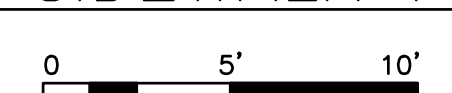
SHEET TITLE: SITE DETAILS		
SCALE: AS NOTED	DRAWN: LSZ	DATE: 11/21/23
PROJECT NO: 21085_01_01	SHEET NO: 5	OF: 13
		C5



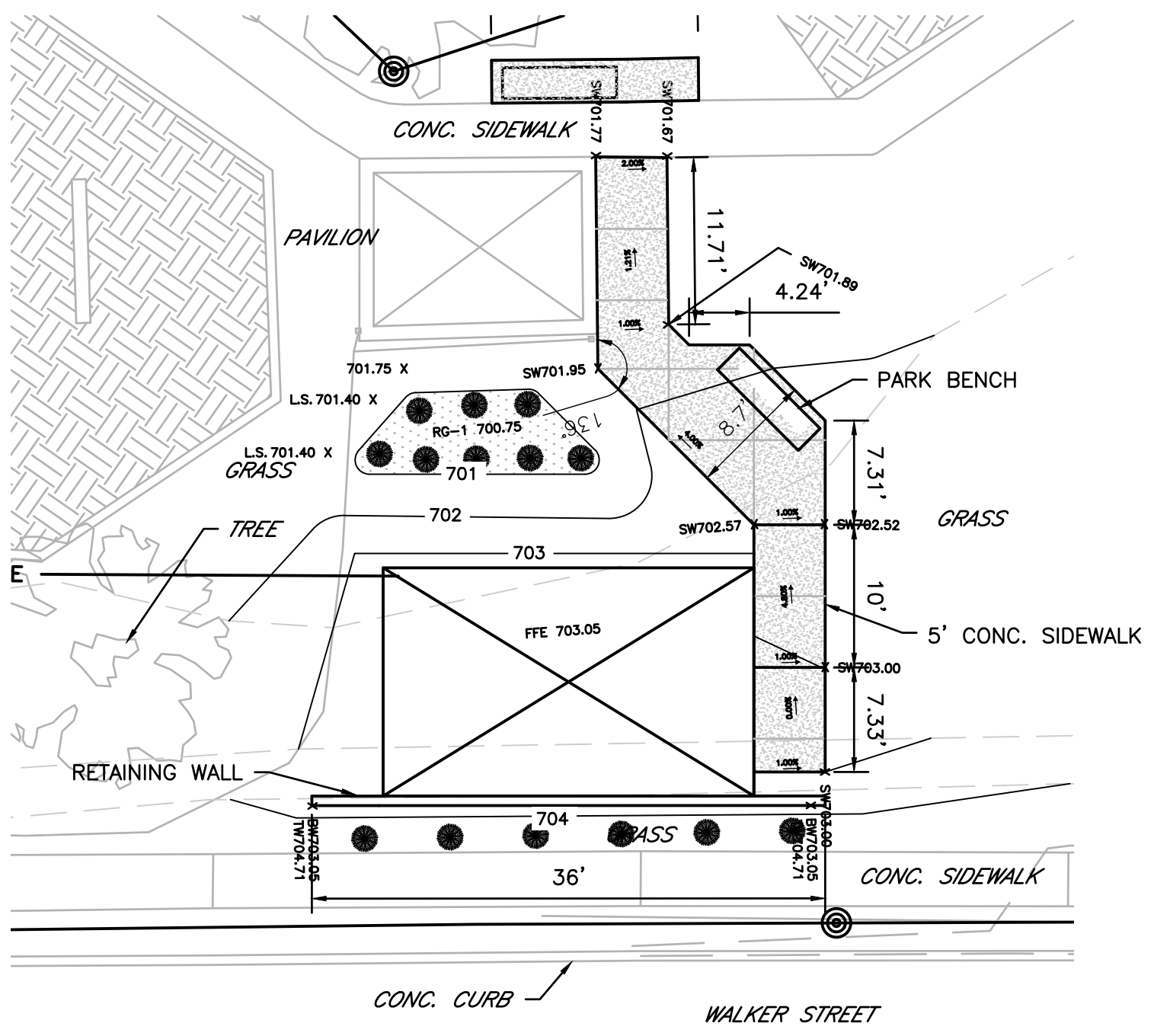
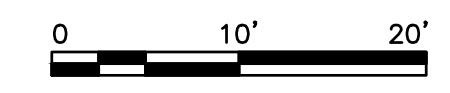
1 ENLARGED RAMP PLAN
C6



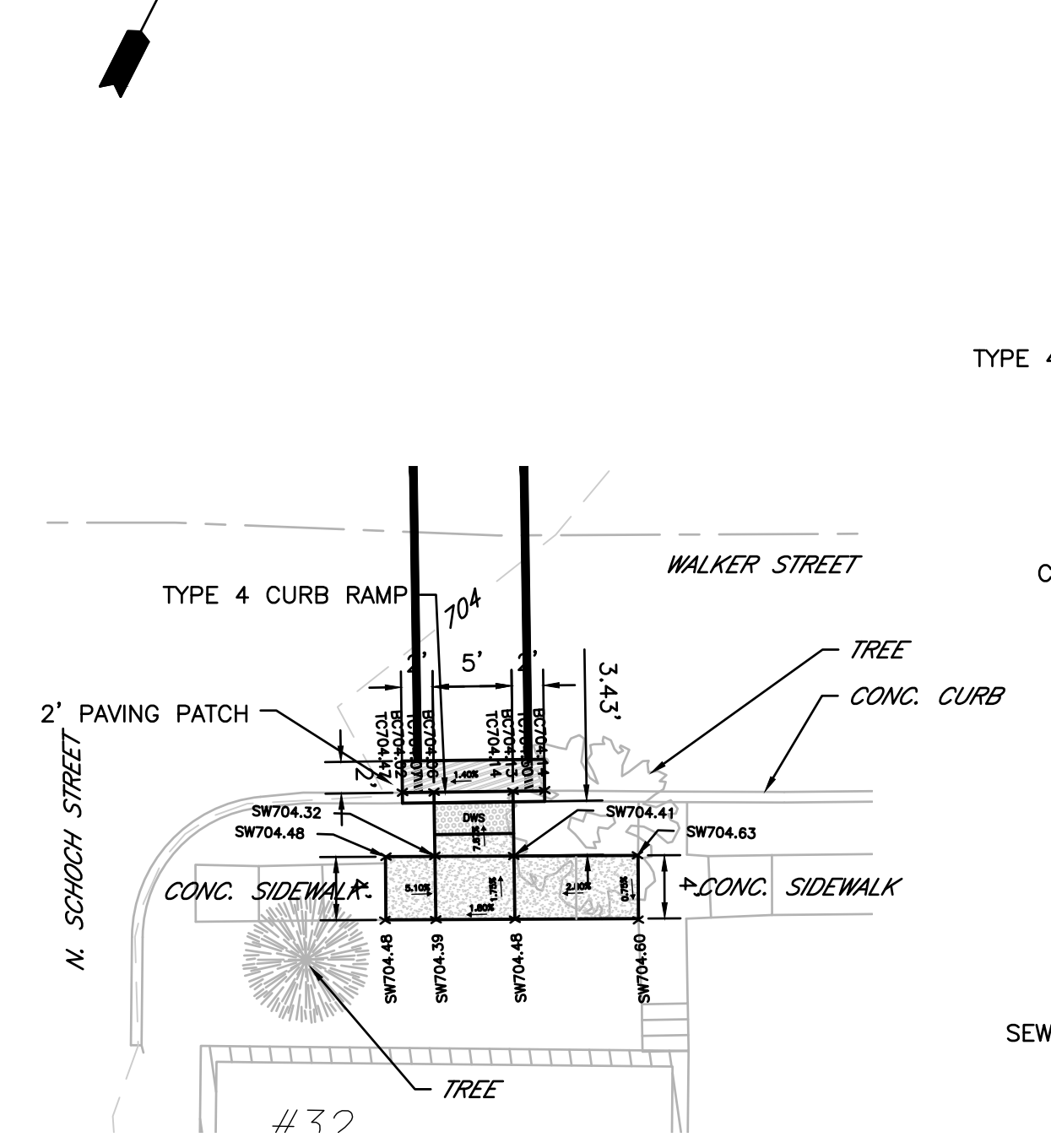
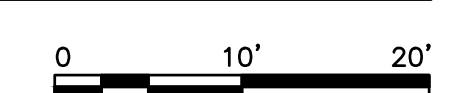
2 ENLARGED SIDEWALK PLAN
C6



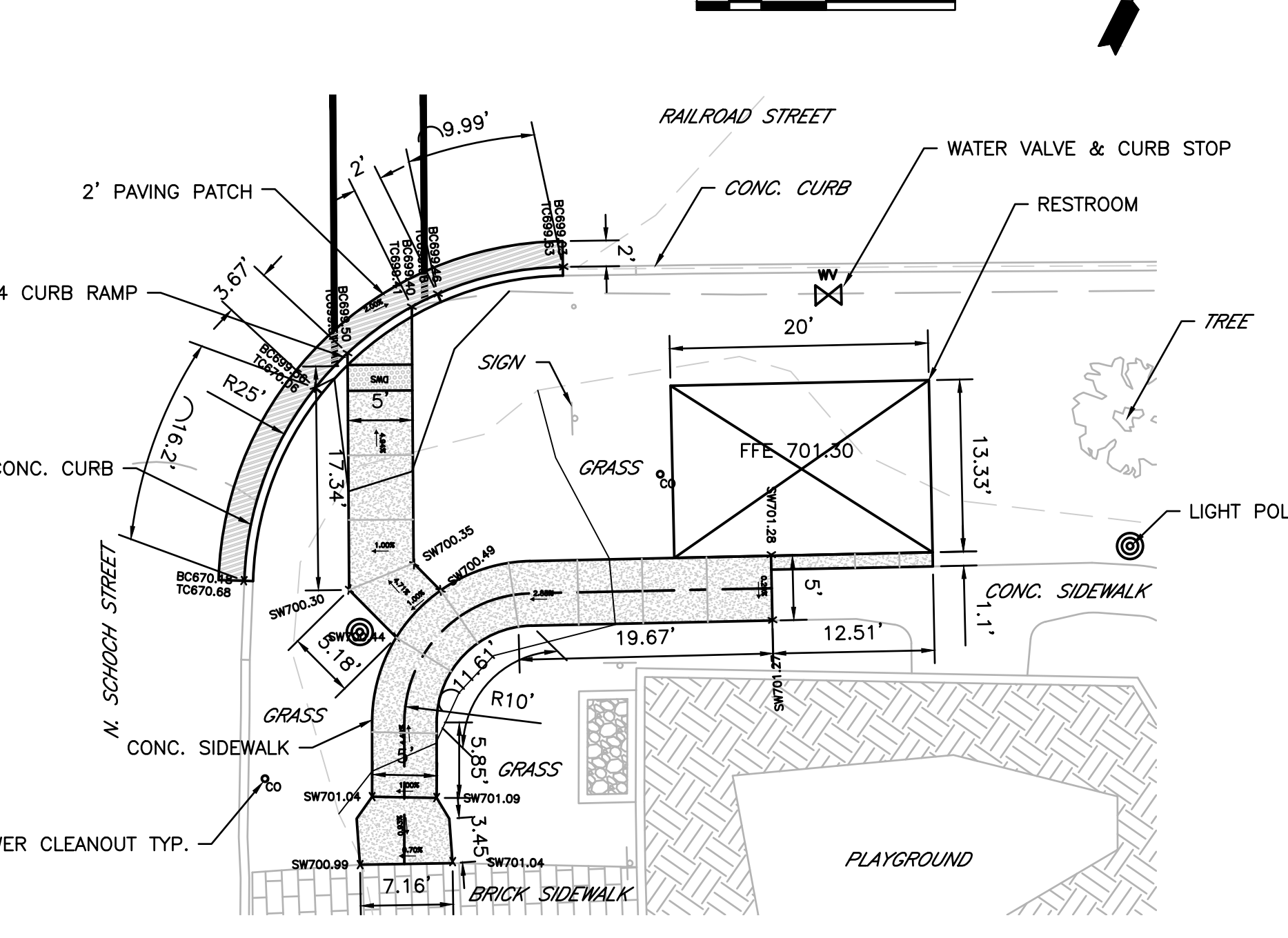
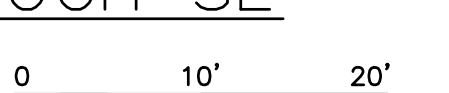
3 WALKER & SCHOCH NE
CORNER ADA
C6



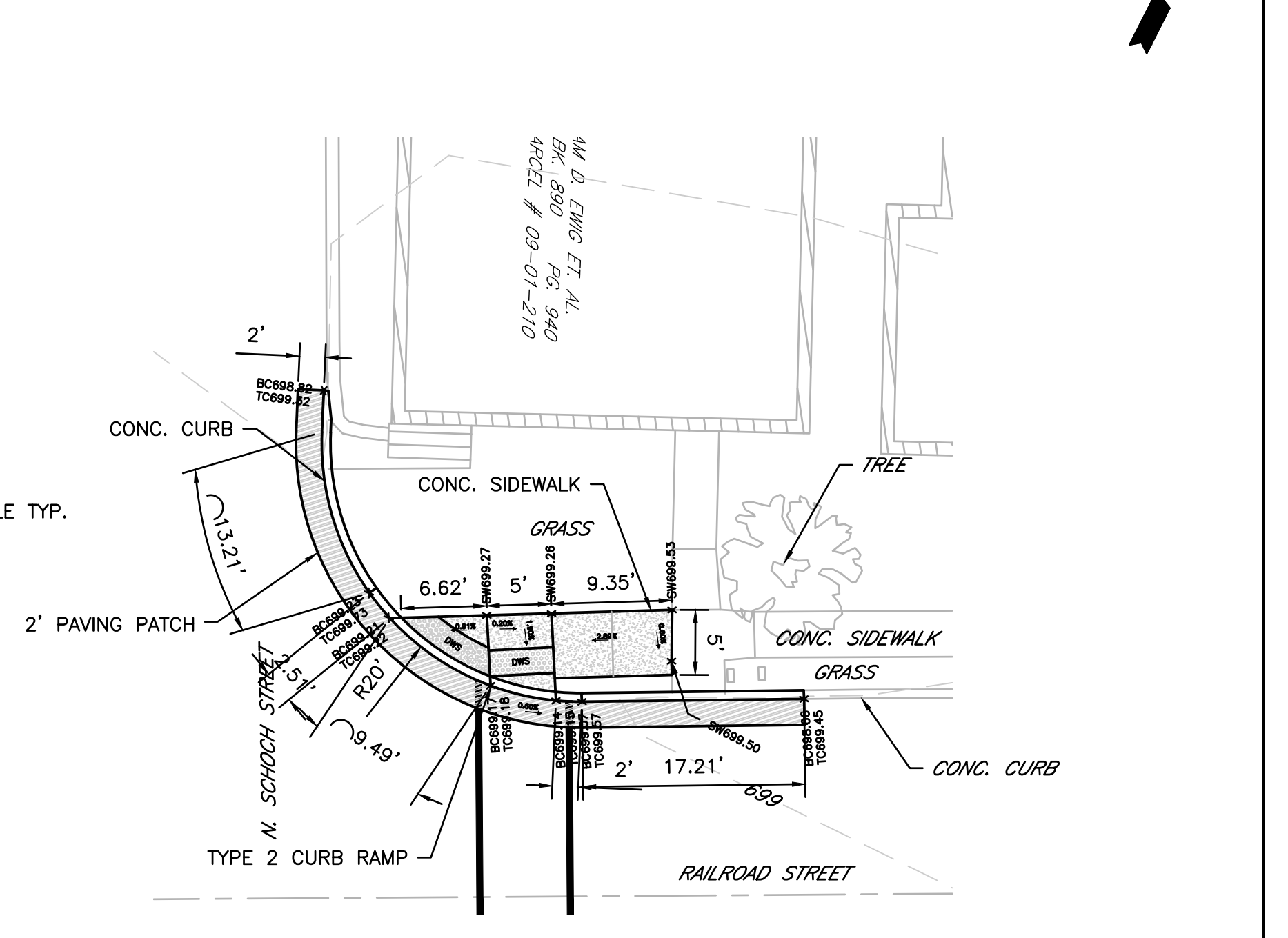
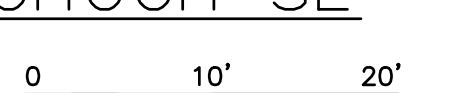
4 ENLARGED PAVILION PLAN
C6



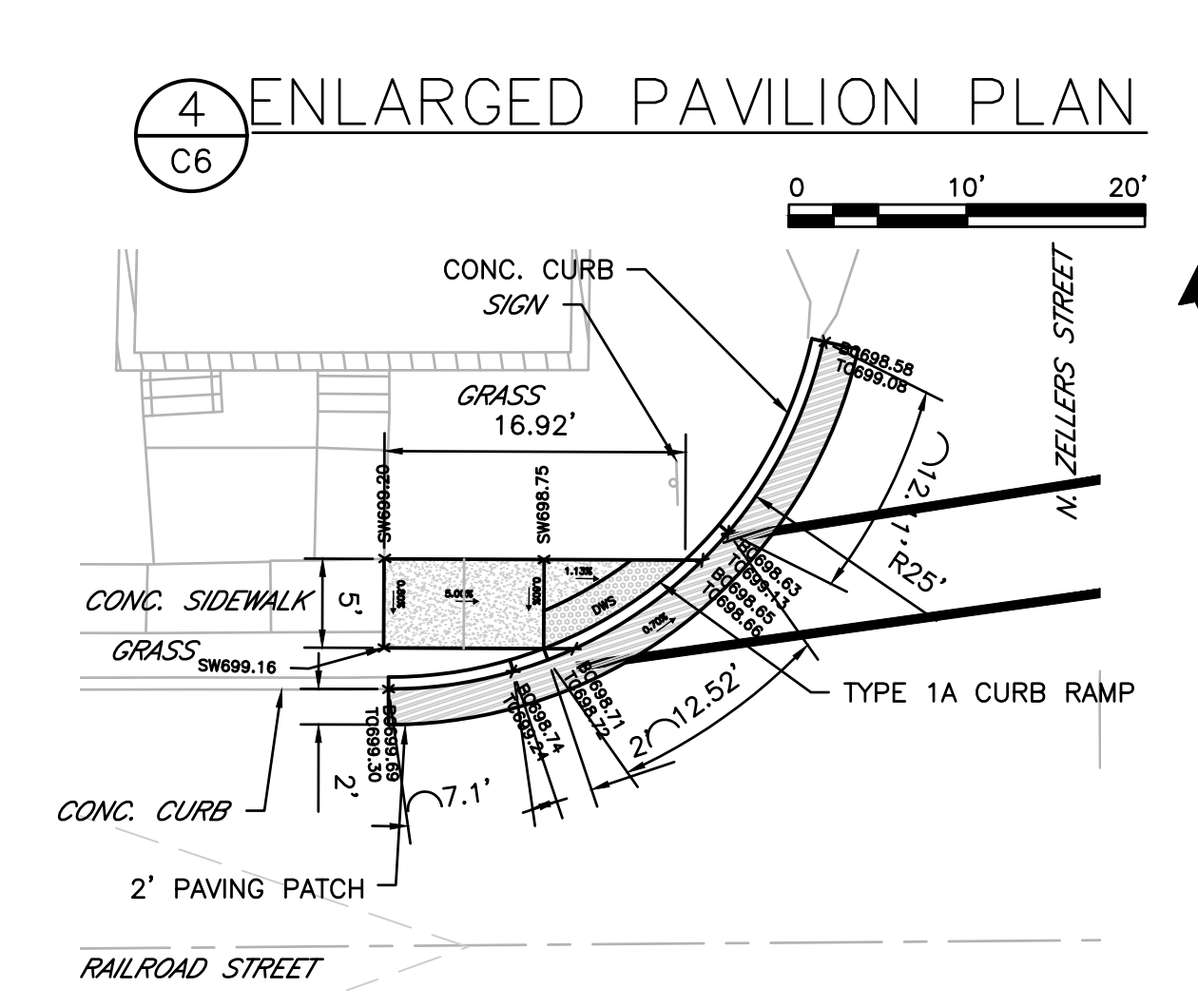
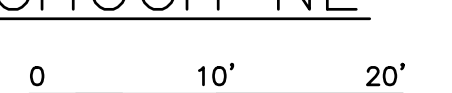
5 WALKER & SCHOCH SE
CORNER ADA
C6



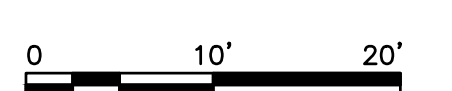
6 RAILROAD & SCHOCH SE
CORNER ADA
C6



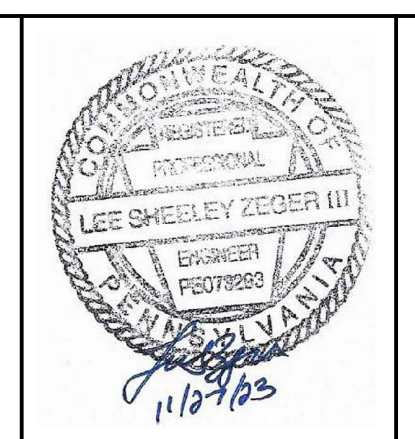
7 RAILROAD & SCHOCH NE
CORNER ADA
C6



8 RAILROAD & ZELLERS NW
CORNER ADA
C6



PREPARED FOR:
BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841

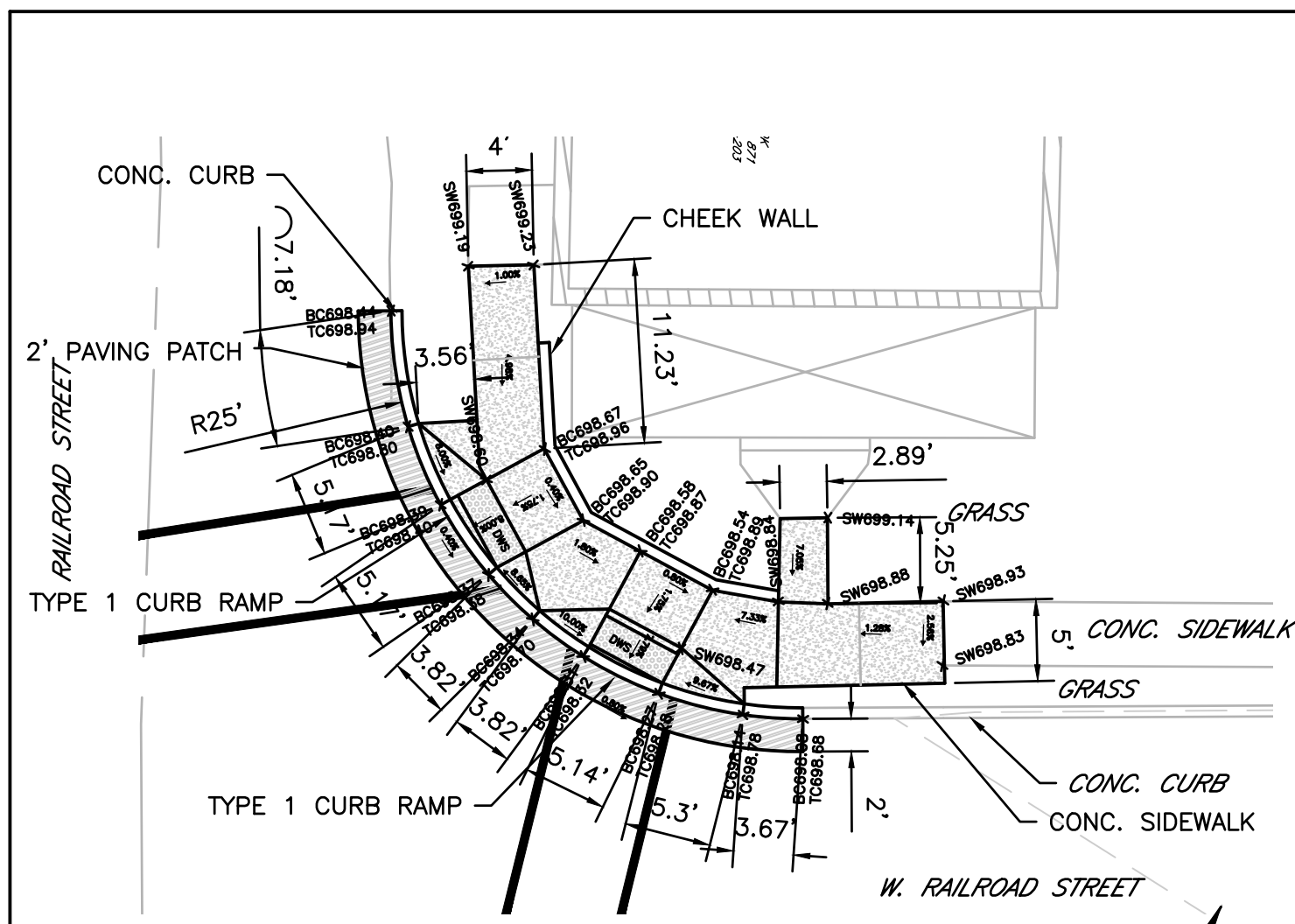


BOROUGH OF McCLURE
STATION PARK
RENOVATIONS
McCLURE, PA 17841

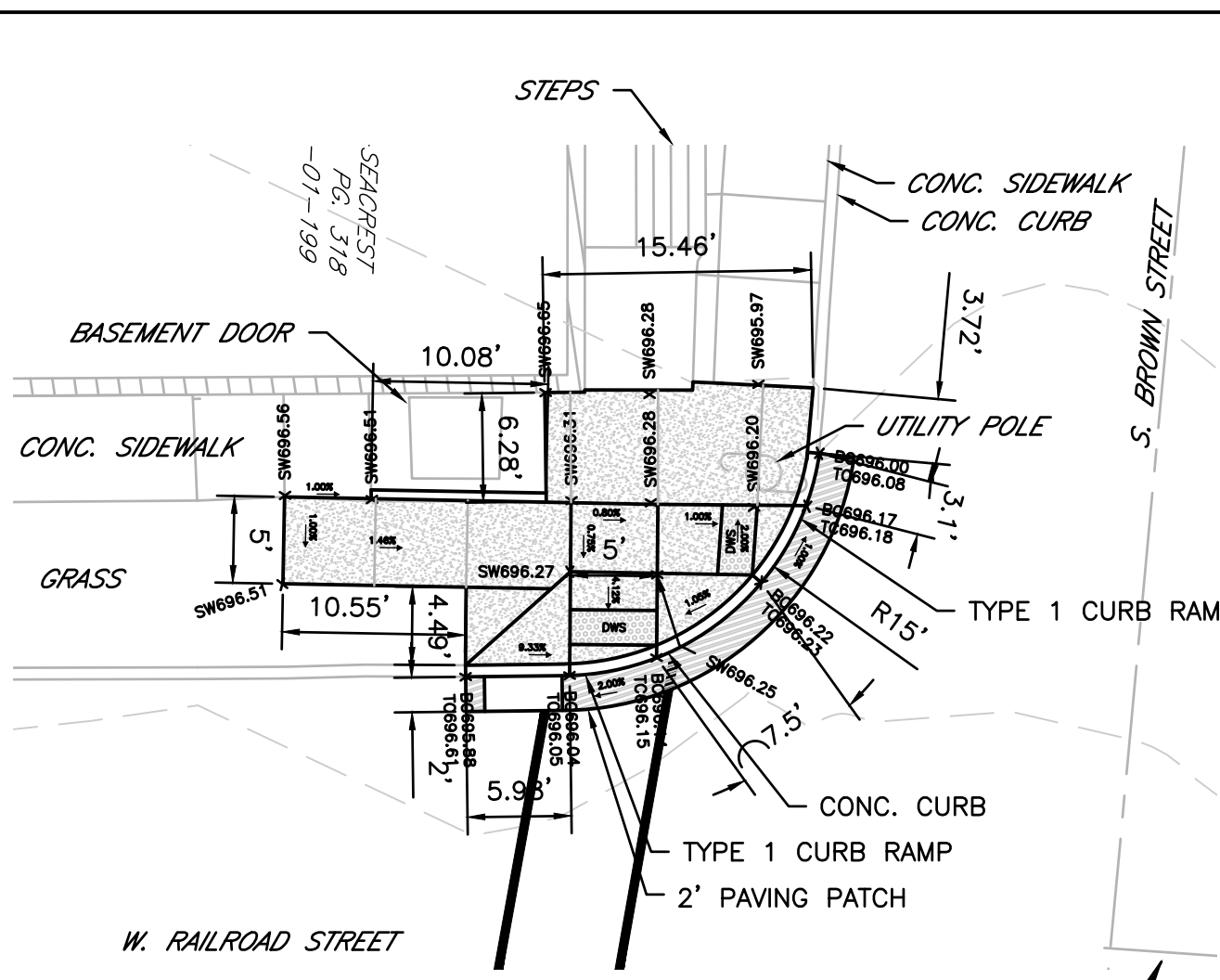
NO.	REVISION:	DATE:

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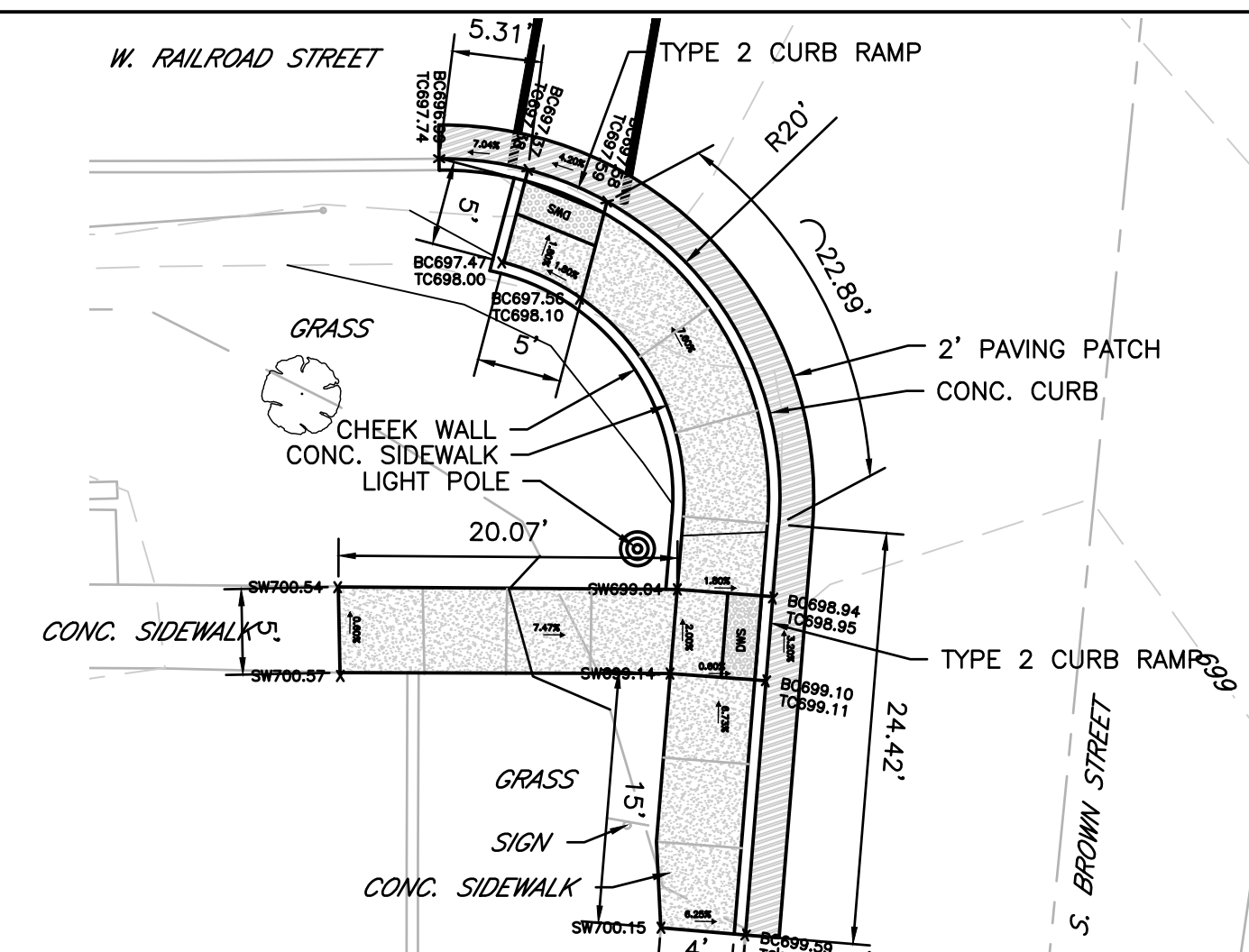
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SCALE:	DRAWN:	DATE:
AS NOTED	LSZ	11/21/23
PROJECT NO.: 21085_01_01		
SHEET NO.:	6	
OF:	13	
C6		



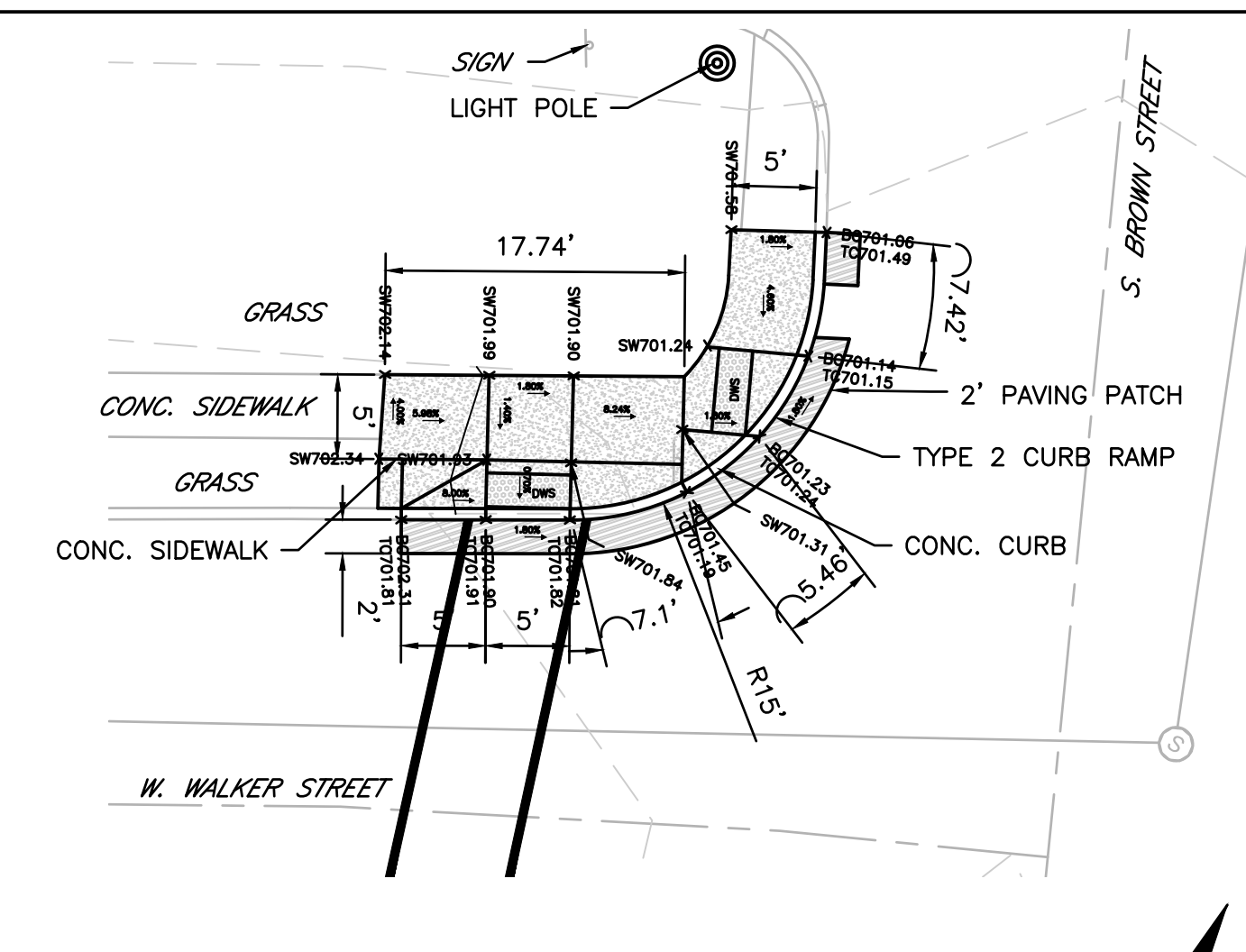
1 RAILROAD & ZELLERS NE CORNER ADA



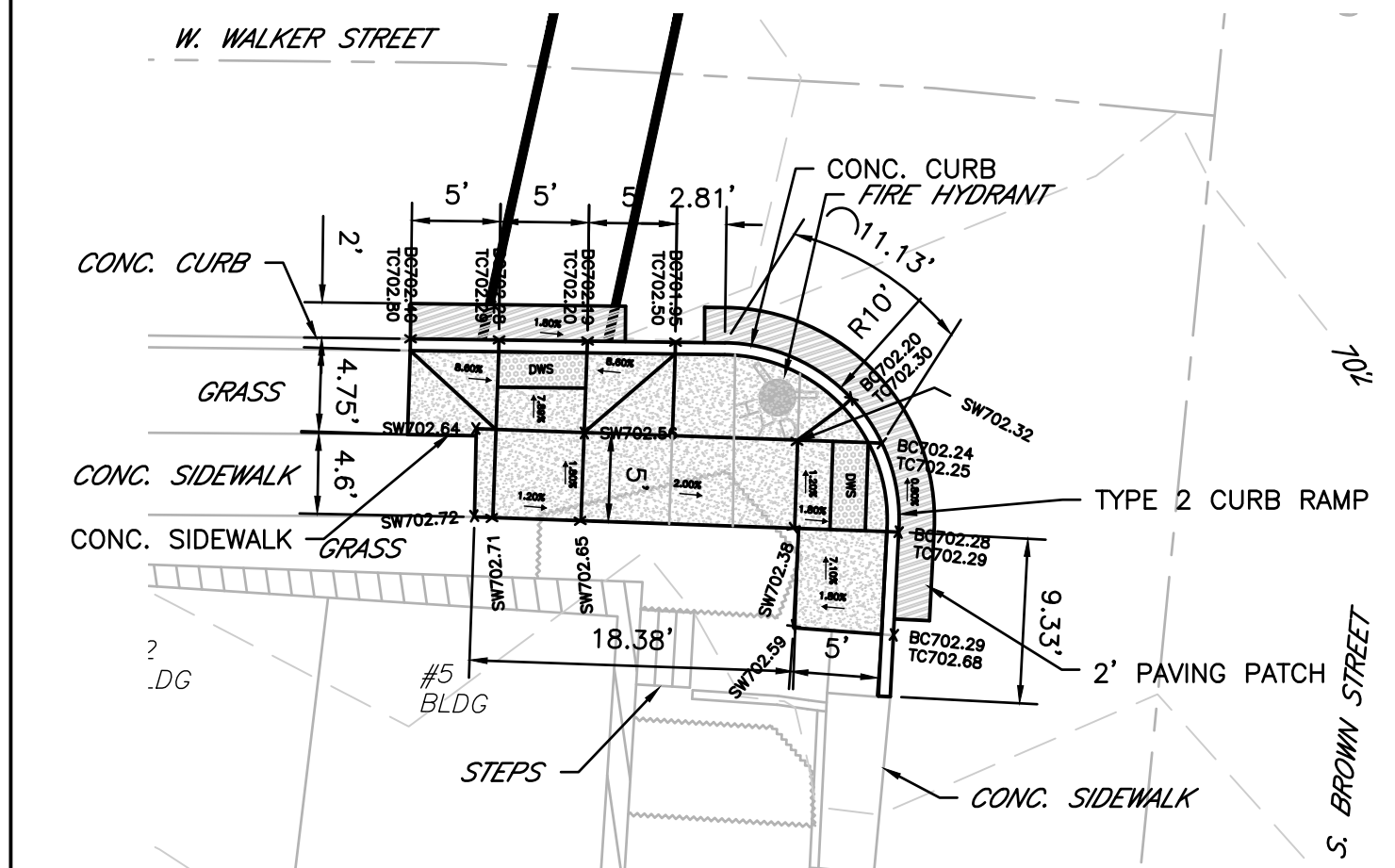
2 RAILROAD & BROWN NW CORNER ADA



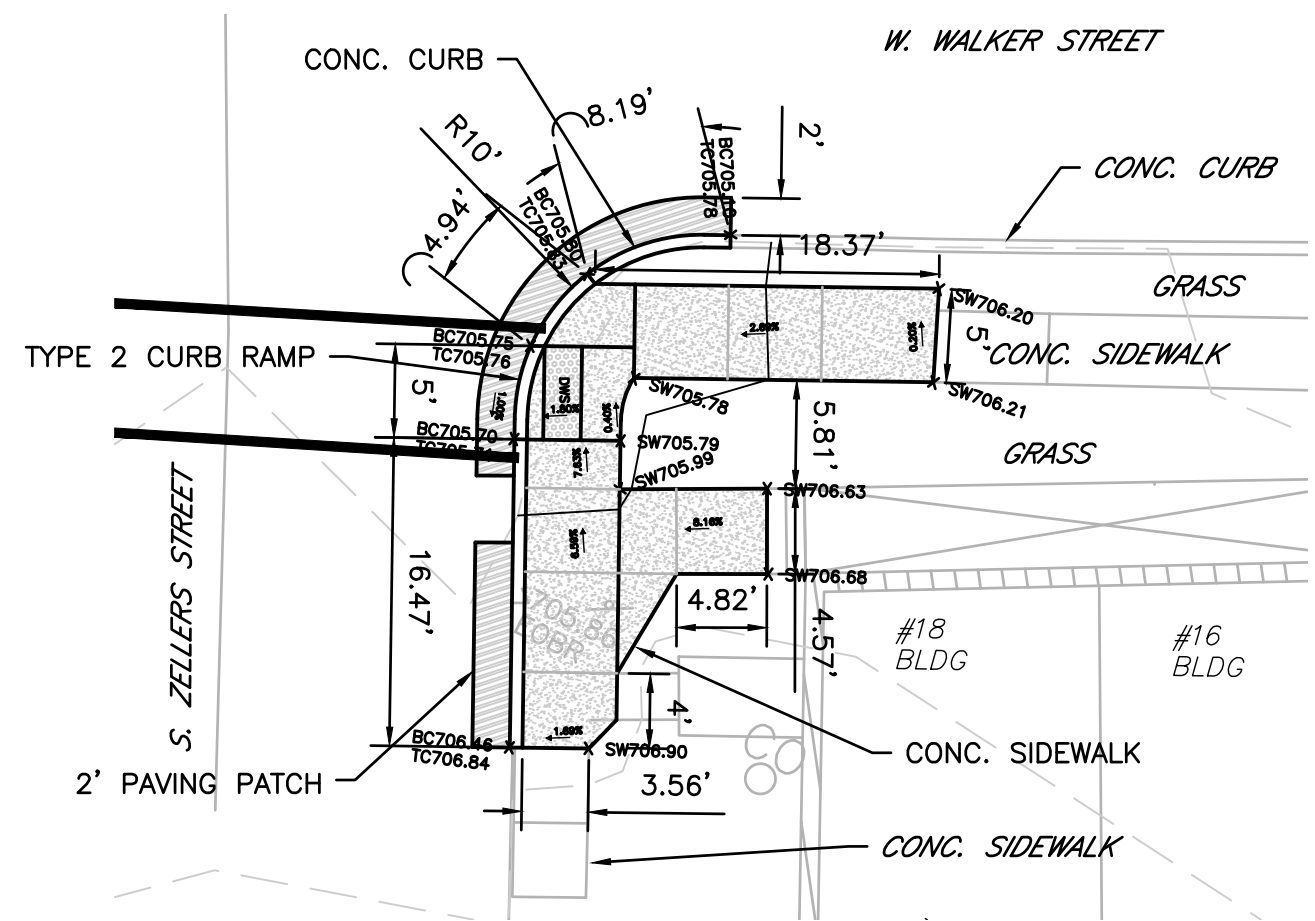
3 RAILROAD & BROWN SW CORNER ADA



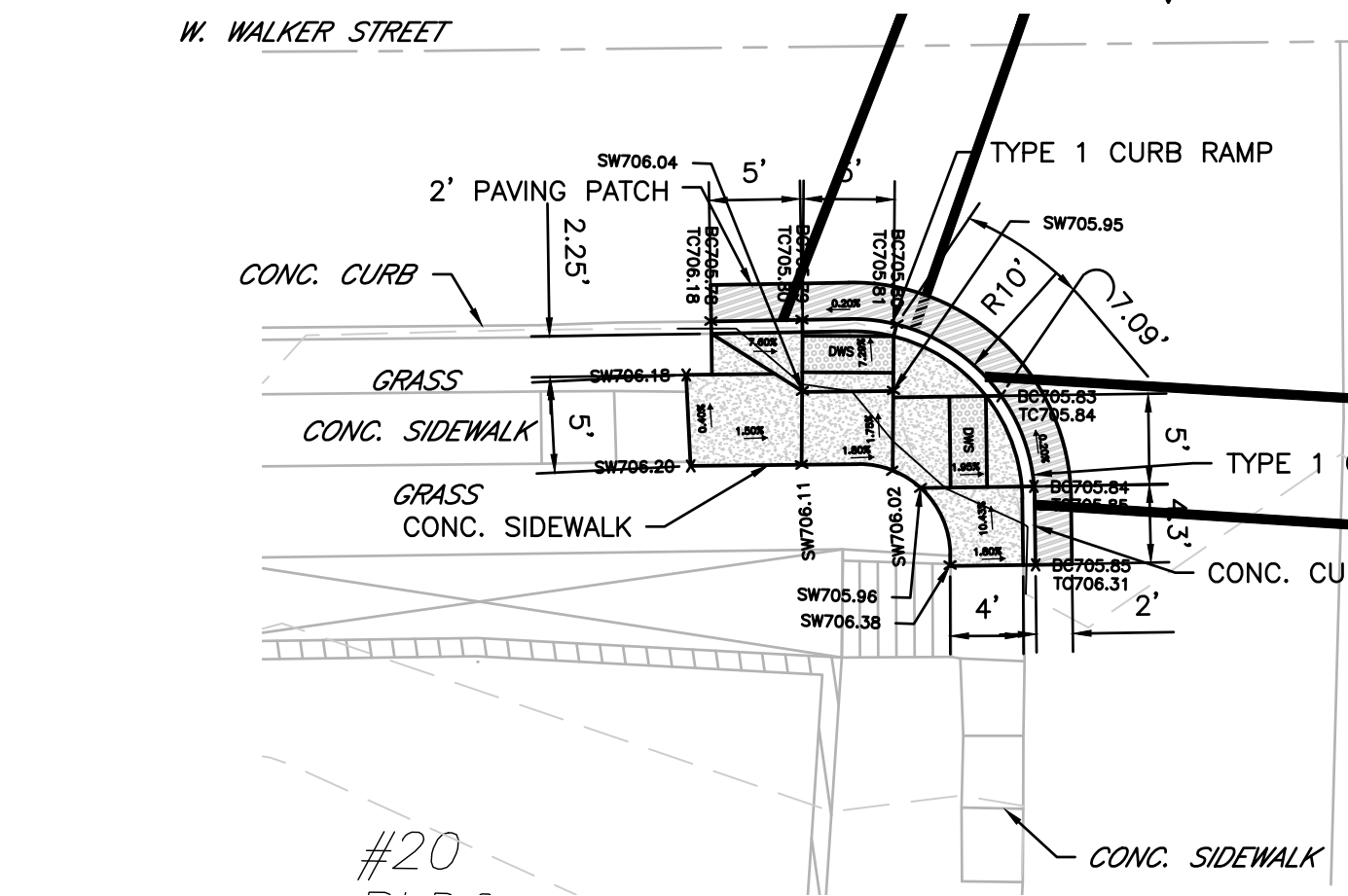
4 WALKER & BROWN NW CORNER ADA



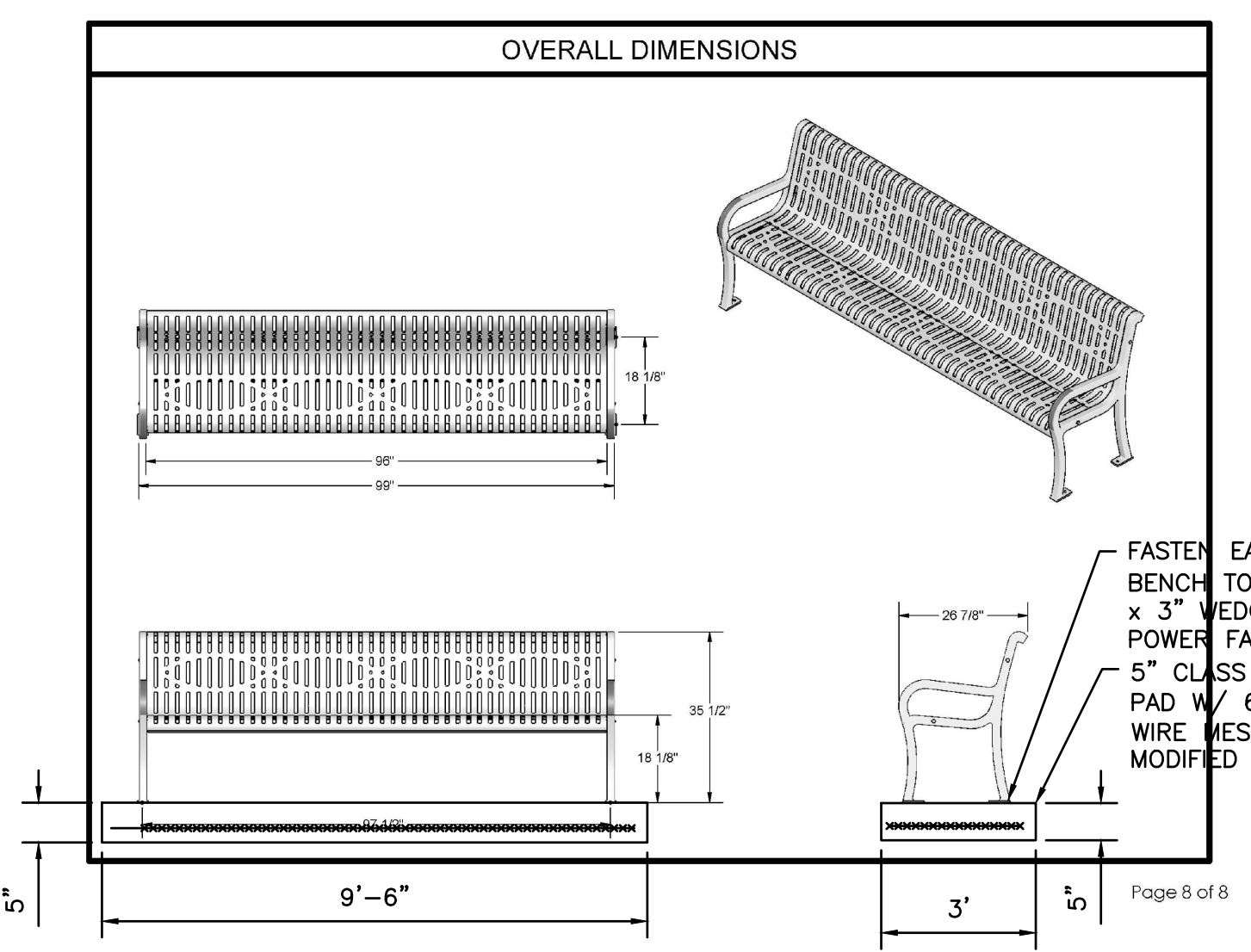
5 WALKER & BROWN SW CORNER ADA



6 WALKER & ZELLERS SE CORNER ADA

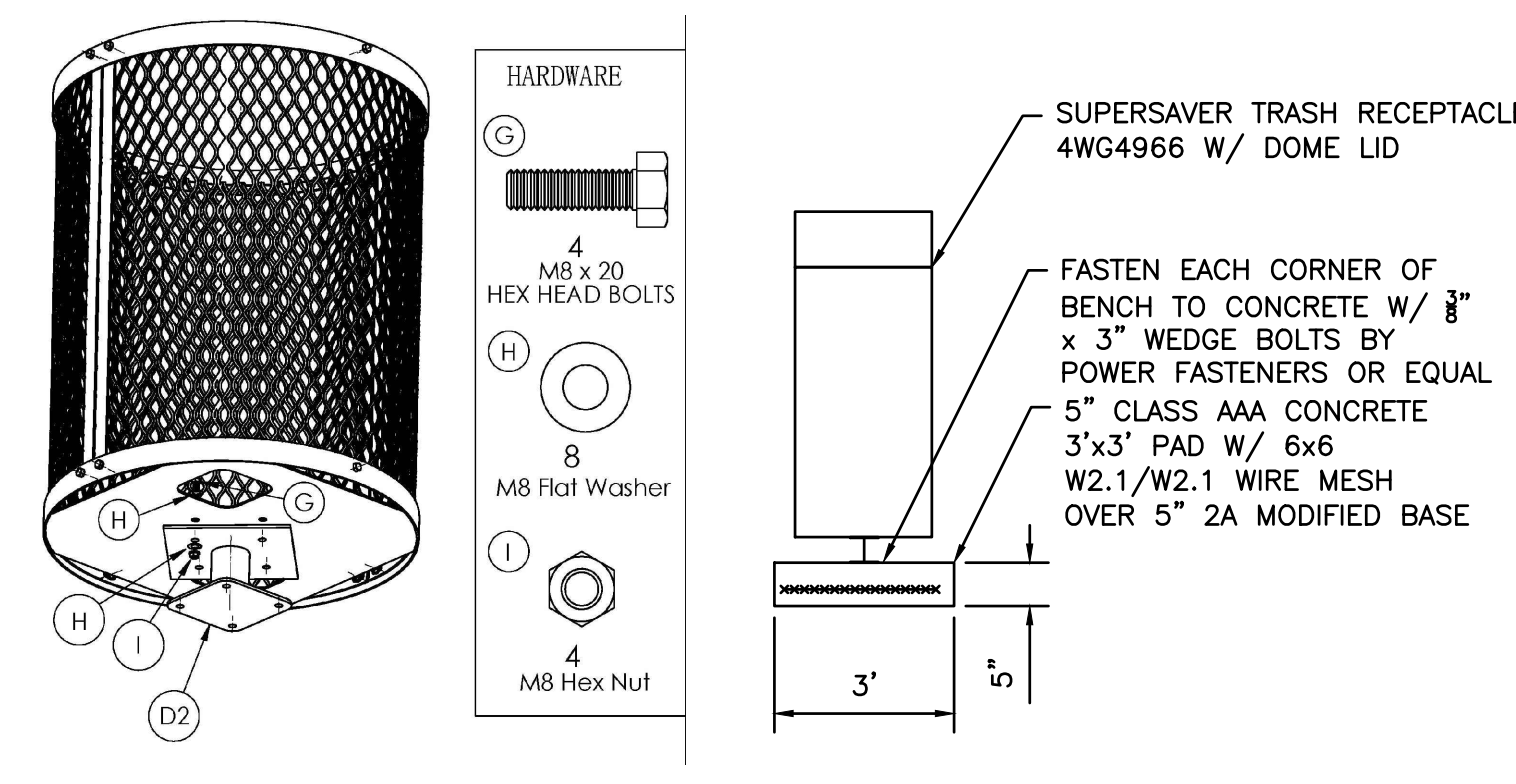


7 WALKER & ZELLERS SE CORNER ADA



8 BENCH DETAIL

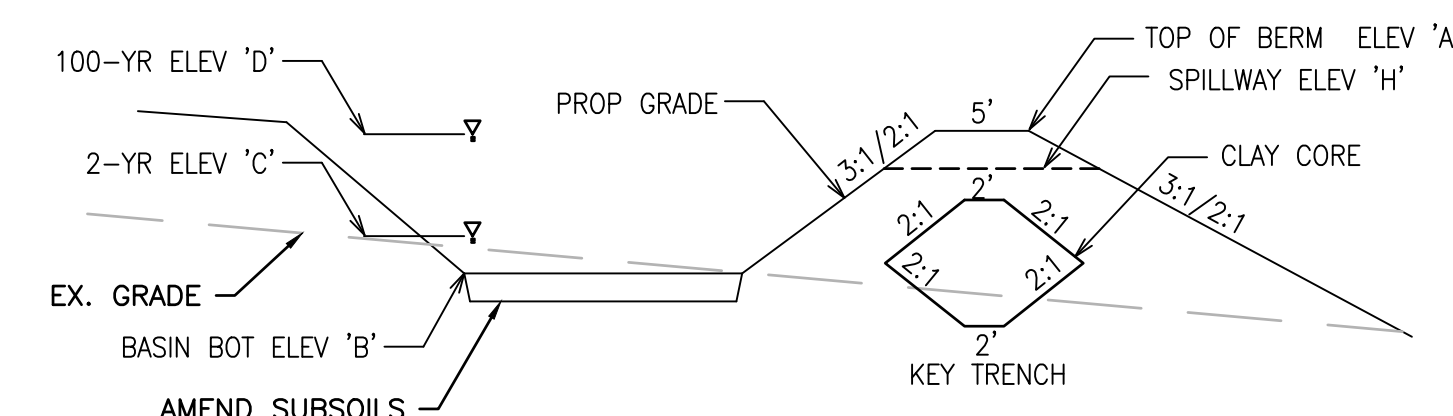
NOTES:
1. CENTRAL PARK PERSONALIZED BENCH WITH BACK OF BENCH TO STATE "STATION PARK".



9 TRASH RECEPTACLE DETAIL



10 SIGN DETAIL



11 RAIN GARDEN DETAIL

NOTES:
1. CORE MATERIAL UNIFIED CLASS, CL COMPACTED TO 95% OF MAX. DRY DENSITY.
2. AMEND SOILS W/ 20% COMPOST & 80% TOPSOIL BY VOLUME. DO NOT COMPACT.
3. SEE SEEDING CHART FOR RAIN GARDEN PERMANENT PLANTING SPECIFICATIONS.

RAIN GARDEN ELEVATIONS & DIMENSIONS						
RG #	A	B	C	D	E	F
	BERM EL.	BOT EL.	2-YR EL.	100-YR EL.	SPILLWAY WIDTH	SPILLWAY ELEV.
RG-1	701.75	700.75	701.25	701.60	10'	701.40

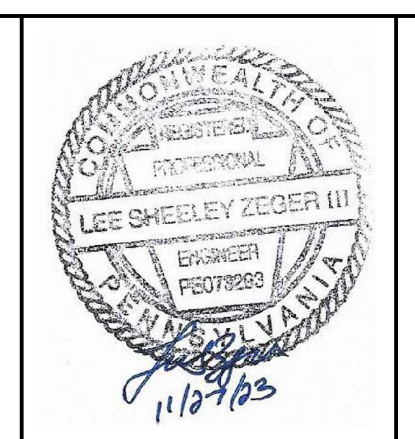
NOTES:
1. SOIL:COMPOST RATIO SHALL BE 2:1
2. COMPOST SHALL BE IN CONFORMANCE WITH COMPOST NOTES FOUND ON THIS SHEET.
3. ON-SITE SOILS WITH ORGANIC CONTENT OF AT LEAST 5% CAN BE STOCKPILED FOR REUSE IN SOIL AMENDMENT AREAS.
4. ROTOTILL SUBGRADE AND REMOVE ROCKS

12 SOIL AMENDMENTS FOR RAIN GARDEN BOTTOM

SOIL AMENDMENT NOTES
SOIL AMENDMENT AND RESTORATION IS THE PROCESS OF RESTORING/INCREASING SOIL POROSITY BY PHYSICAL TREATMENT AND/OR ADDING A SOIL AMENDMENT, SUCH AS TOPSOIL, COMPOST OR COMPOSTED MANURE SOLIDS. THE SOIL AMENDMENT MIXTURE RATIO SHALL BE 2 TOPSOIL : 1 COMPOST AND SHALL BE DETERMINED BASED ON VOLUME OF THESE COMPONENTS.

McClure Park.dwg 12/12/2023 5:55:03 PM

PREPARED FOR:
BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841



BOROUGH OF McCLURE
STATION PARK RENOVATIONS
McCLURE, PA 17841

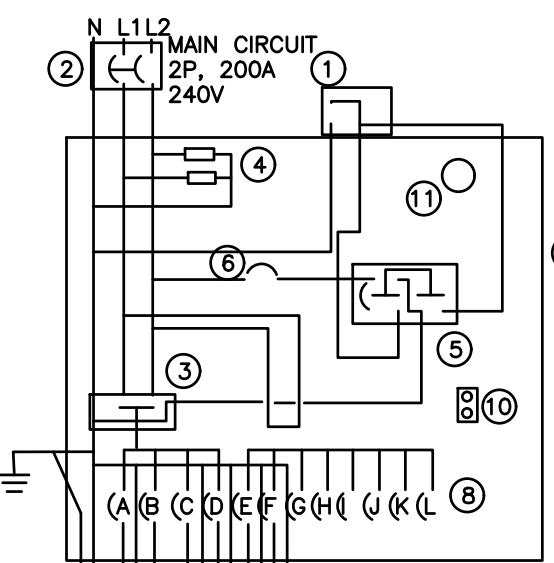
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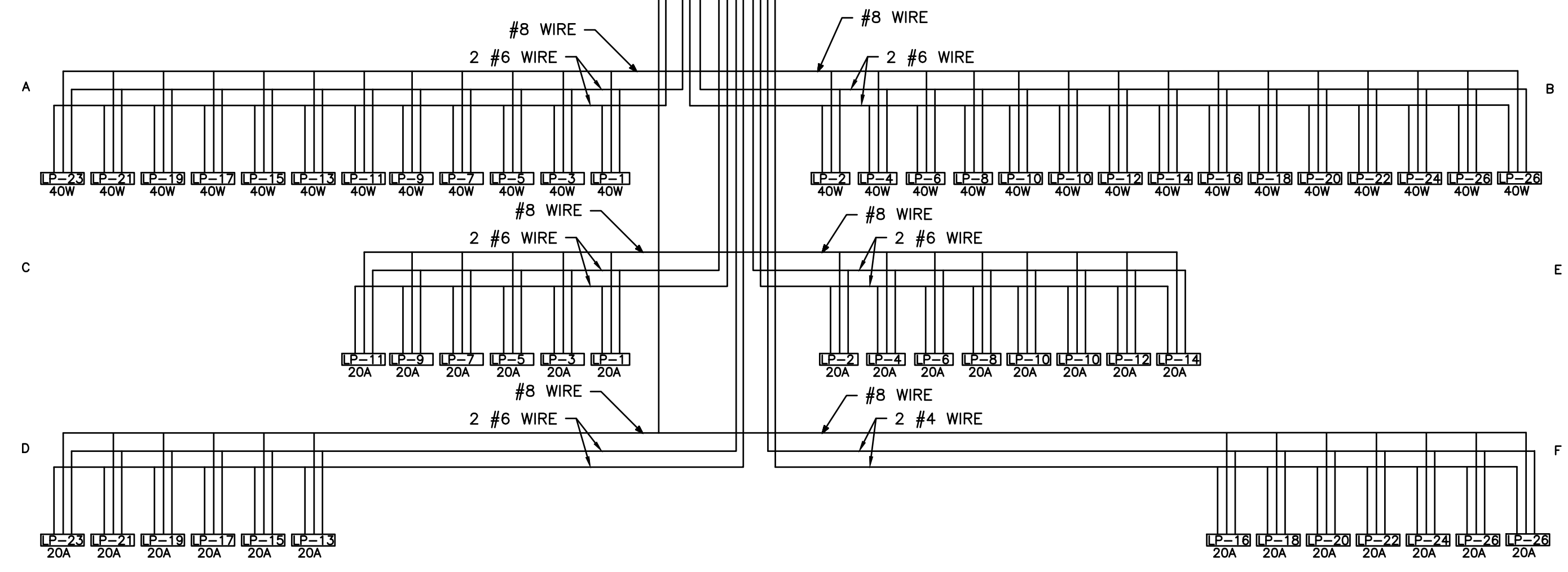
SHEET TITLE: ENLARGE PLANS
SCALE: AS NOTED
PROJECT NO: 21085_01_01
SHEET NO: 7
OF: 13
DATE: 11/21/23
DRAWN: LSZ
DATE: 11/21/23
C7

ELECTRICAL ITEMS

- ① PHOTOELECTRIC CELL - 120V (LOCATED ON SIDE OF BUILDING)
- ② MAIN DISCONNECT
- ③ LIGHTING CONTROL CONTRACTOR 200A/2P
- ④ LIGHTING ARRESTOR
- ⑤ SELECTOR SWITCH MANUAL ON/OFF
- ⑥ 15A/1P BREAKER
- ⑦ CONTROL CABINET
- ⑧ DISTRIBUTION BREAKERS
- ⑨ RESISTOR 25 OHMS MAX
- ⑩ 110V 20 AMP RECEPTACLE
- ⑪ LIGHT FIXTURE W/ WIRE GUARD SWITCHED CIRCUIT



POWER SUPPLY SCHEDULE			
CONTROL PANEL	MAIN CIRCUIT BREAKER	CIRCUIT DESCRIPTION	DISTRIBUTION BREAKER
B	200 AMP 2 POLE	ODD SIDE STA. PARK LIGHTS A EVEN SIDE STA. PARK LIGHTS B ODD SIDE STA. PARK REC. C ODD SIDE STA. PARK REC. D EVEN SIDE STA. PARK REC. E EVEN SIDE STA. PARK REC. F RESTROOM LIGHTS RESTROOM EXHAUST FANS	20 AMP - 1 POLE 20 AMP - 1 POLE 20 AMP - 1 POLE 20 AMP - 1 POLE 20 AMP - 1 POLE 20 AMP - 1 POLE 20 AMP - 1 POLE 20 AMP - 1 POLE

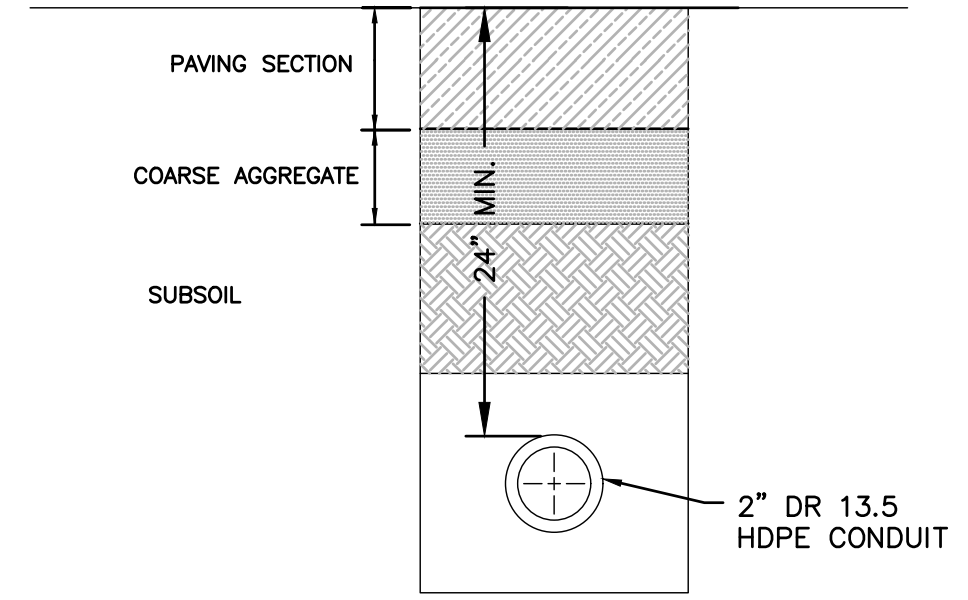


WIRING DIAGRAM - LIGHTING/RECEPTACLES
PANEL A

ELECTRICAL NOTES:

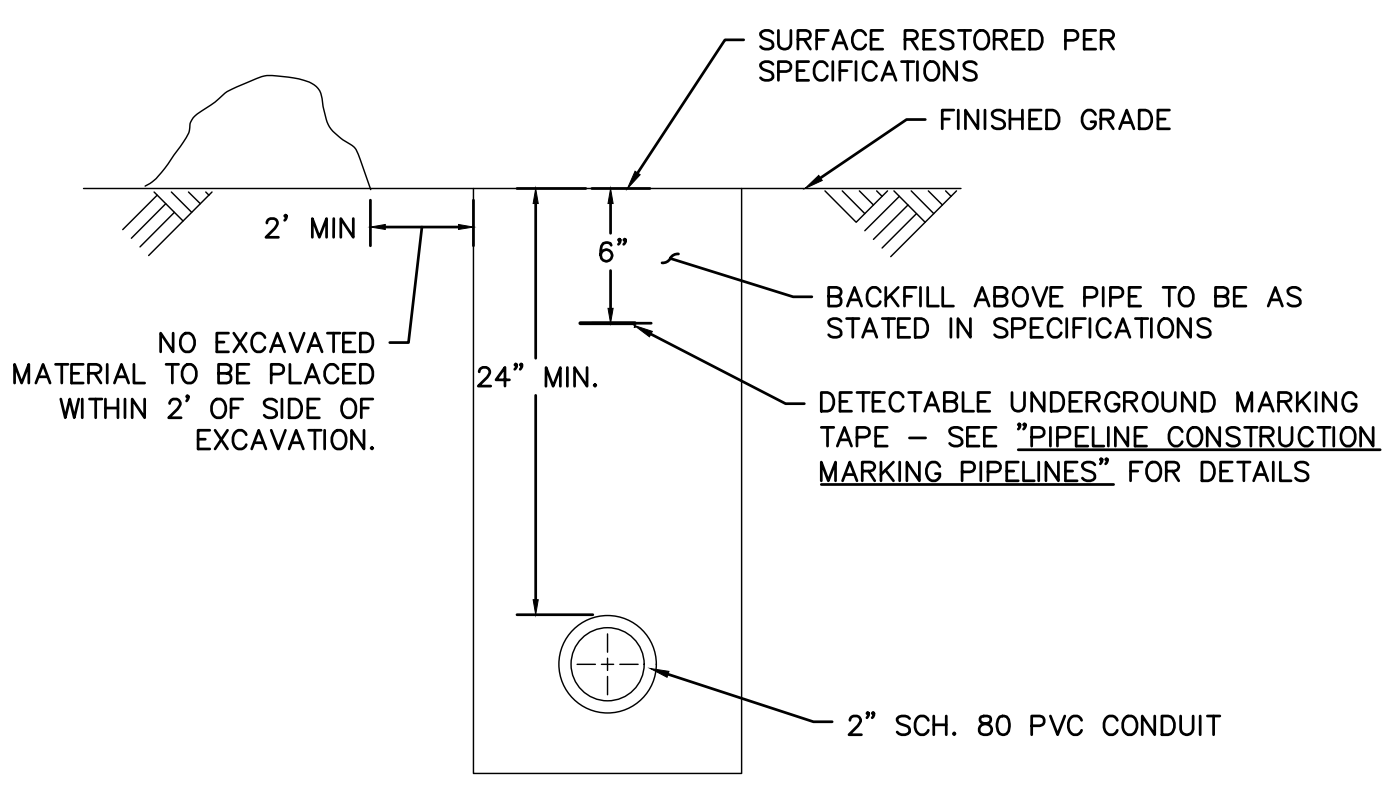
- PROVIDE MOLDED PLUG CONNECTIONS AT EACH LIGHT POLE FOR ALL CONDUCTORS.
- PROVIDE #8 AWG (MIN.) 7-STRAND COPPER CONDUCTOR WITH 90 DEG. C INSULATION UNLESS A LARGER SIZE IS INDICATED BY THE INDIVIDUAL CIRCUIT SCHEMATICS. WHERE WIRES ARE INSTALLED WITHIN THE POLE, THE LINE AND NEUTRAL RISING TO THE DEVICE AND TO THE LUMINAIRE SHALL BE REDUCED IN SIZE TO #10 AWG.
- ALL CONDUITS SHALL BE BURIED WITH 2' MINIMUM COVER.
- MAINTAIN A MINIMUM 18" CLEARANCE FROM ALL UNDERGROUND UTILITIES.
- PROVIDE POWER SUPPLY TAGS WITH 1" HIGH REFLECTIVE ALUMINUM CHARACTERS AND SLIDE IN ALUMINUM HOLDERS.
- PROVIDE SEPARATE GROUNDING CONDUCTOR WITH ALL CIRCUITS. DO NOT CONNECT THE NEUTRAL TO GROUND EXCEPT AT THE CONTROL CABINET. CONNECT THE EQUIPMENT GROUNDING CONDUCTOR TO GROUND AT EACH POLE. PROVIDE CONDUCTORS HAVING THE SAME INSULATION AND SIZE AS THE CIRCUIT CONDUCTORS.

1 CONDUIT IN PAVING DETAIL
NOT TO SCALE



- NOTES:
- HORIZONTAL DIRECTIONAL BORE ALL CONDUIT INSTALLATION.
 - FIELD LOCATE ALL UTILITIES AND VERIFY DEPTHS.
 - ALL CROSSING OF UTILITIES NEED TO PROVIDE 18" MINIMUM CLEARANCE.

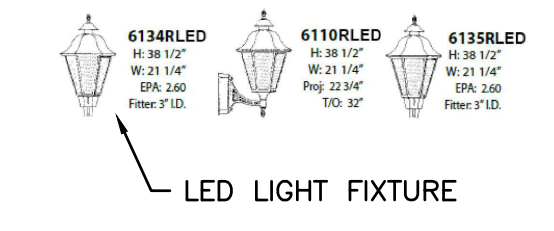
2 OPEN CUT DETAIL
NOT TO SCALE



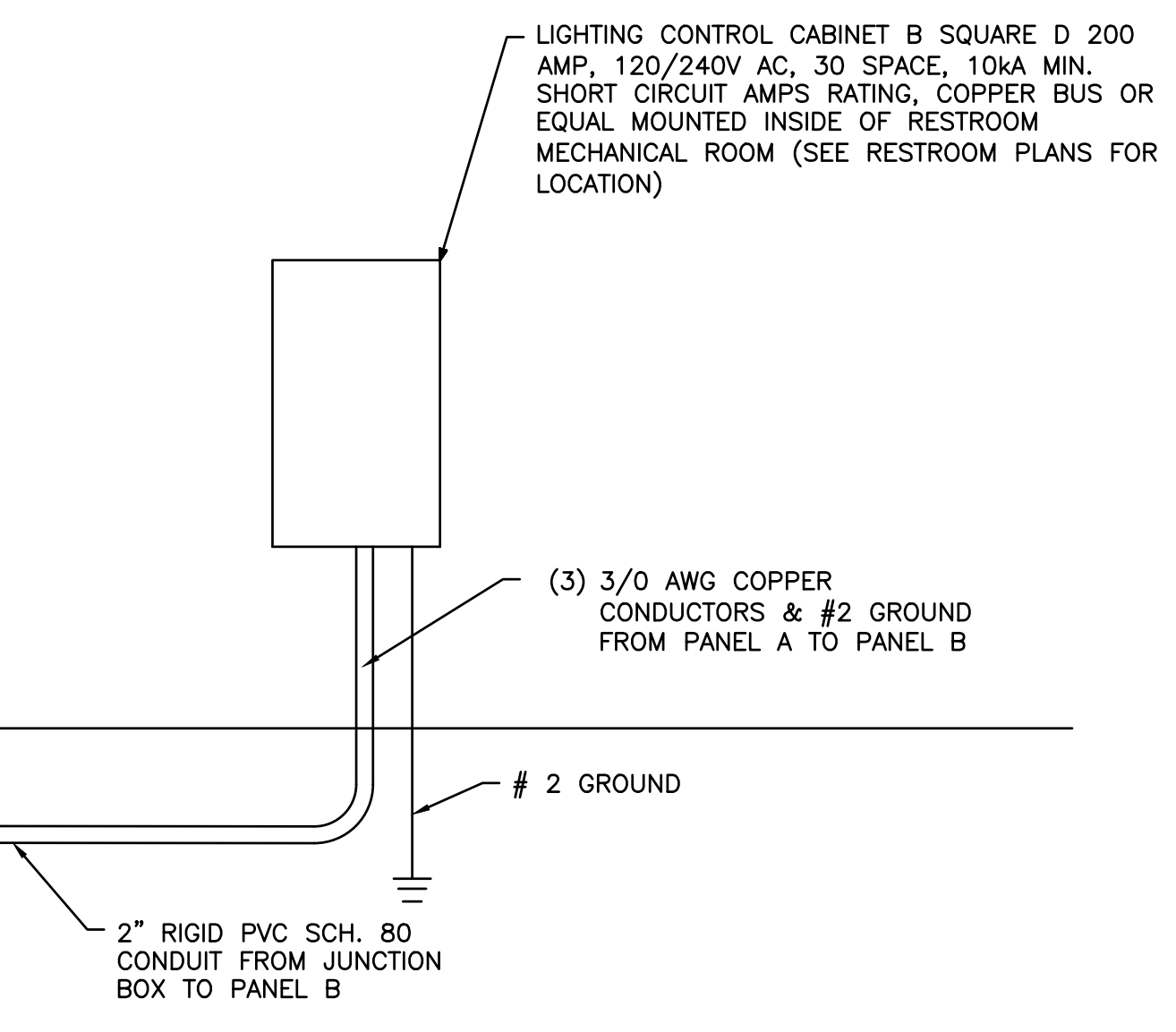
- NOTES:
- SHORING REQUIRED FOR ALL TRENCHES IN ACCORDANCE WITH APPLICABLE REGULATIONS, LAWS & SAFETY CODES
 - BACKFILL AROUND PIPE: COMPACTED CLEAN FILL.
 - THOROUGHLY COMPACTED: COMPACTED TO 90% OF MAXIMUM DENSITY OBTAINED AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY A.A.S.H.T.O. STANDARD METHOD

About this Luminaire

Wattage: 20W (LED) low
Color Temp: 2700K (LED) warm, 5000K
Distribution: Type V
Finish: All finishes available (scroll to view)
Panels: CA - Clear Acrylic CP - Clear Polycarbonate
LED LIGHT FIXTURE



5 LUMINAIRE DETAIL
NOT TO SCALE



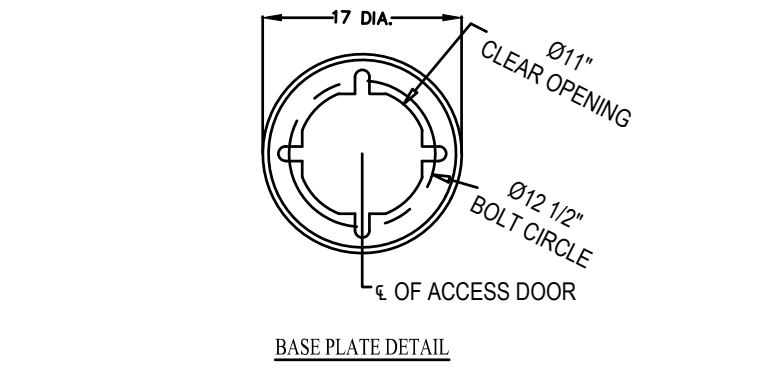
SPRING CITY LAMP POST SPECIFICATIONS

STYLE: WASHINGTON PEDESTRIAN WITH VILLA TOP
HEIGHT: 13'-0"
BASE: 17" DIAMETER
MATERIAL: 1 PIECE CAST ALUMINUM ALLOY ANSI 356 PER ASTM B26-95
FINISH: POWDER COAT BLACK
ACCESS DOOR: LOCATED IN BASE SECURED WITH TAMPER PROOF HEX SOCKET SECURITY MACHINE SCREWS
GROUND PROVISIONS: DRILL AND TAP INSIDE WALL OF BASE OPPOSITE ACCESS DOOR TO ACCOMMODATE A 1/4"-20 GROUND STUD (STUD SUPPLIED BY OTHERS)
ANCHOR BOLTS: (4) 3/4" DIA. X 2 1/2" LONG + 3" HOOK FULLY GALVANIZED WITH 1 GALVANIZED NUT AND 1 GALVANIZED WASHER PER BOLT
BOLT PROJECTION: 3" REQUIRED
TENON: 3" DIA. X 3" HIGH
CATALOG NO.: APSWSH-17-13-00-VL-TN3-003-00-CCU

MATERIAL	CAT. NO.
1 PIECE, CAST ALUMINUM ALLOY ANSI 356 PER A.S.T.M. B26-95	A
1 PIECE, CAST IRON PER A.S.T.M. A48-83 CLASS 30	D
1 PIECE, CAST DUCTILE IRON PER A536-84 GRADE 65-45-12	D

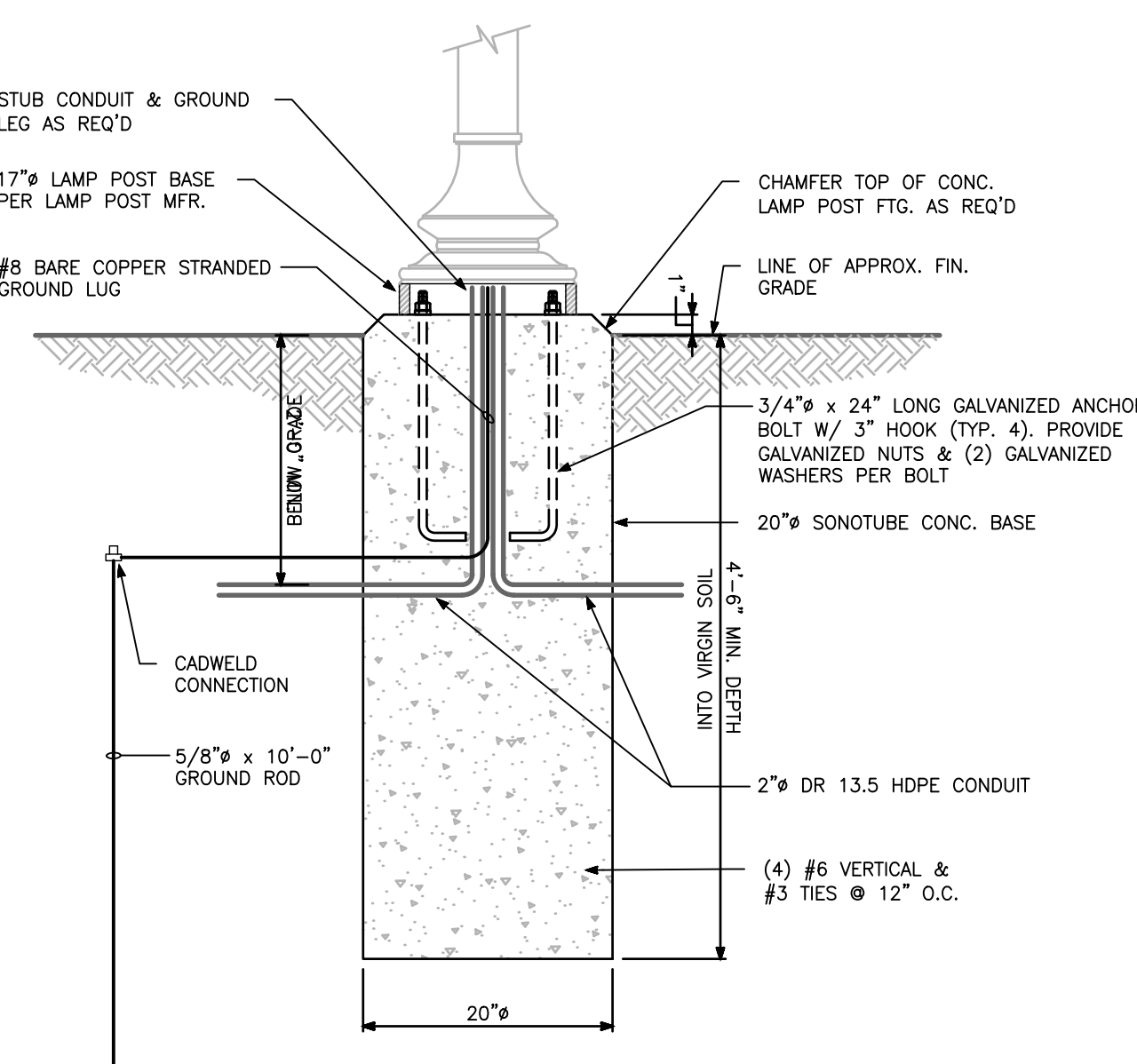
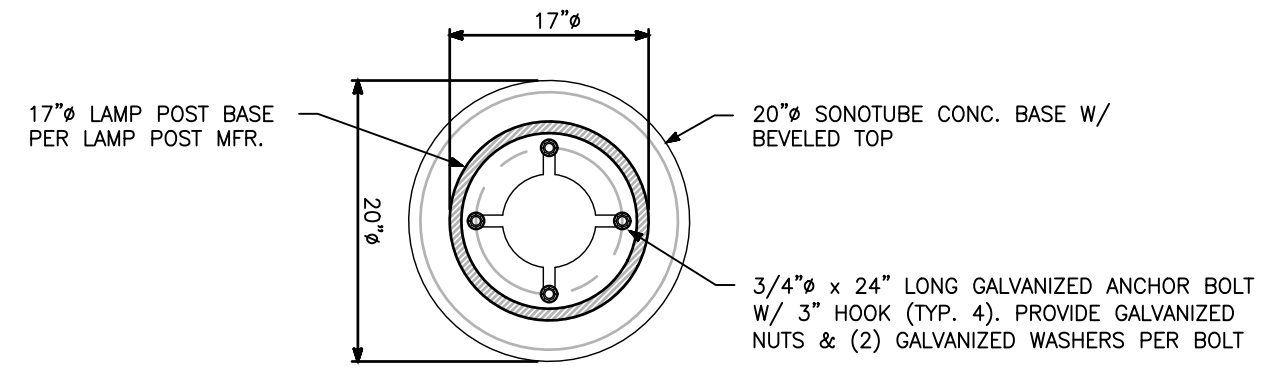
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3" DIA. X 3" HIGH	TN3.003.00
3 1/2" DIA. X 3" HIGH	TN3.503.00
4" DIA. X 3" HIGH	TN4.003.00
7" DIA. X 3/4" HIGH	TN7.000.75
X"X" DIA. X X"X" HIGH	TNX.XXX.XX

FINISH	CAT. NO.
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PRIME PAINT THEN FINISH PAINT SHERWIN WILLIAMS - PLEASE ADVISE COLOR	CW

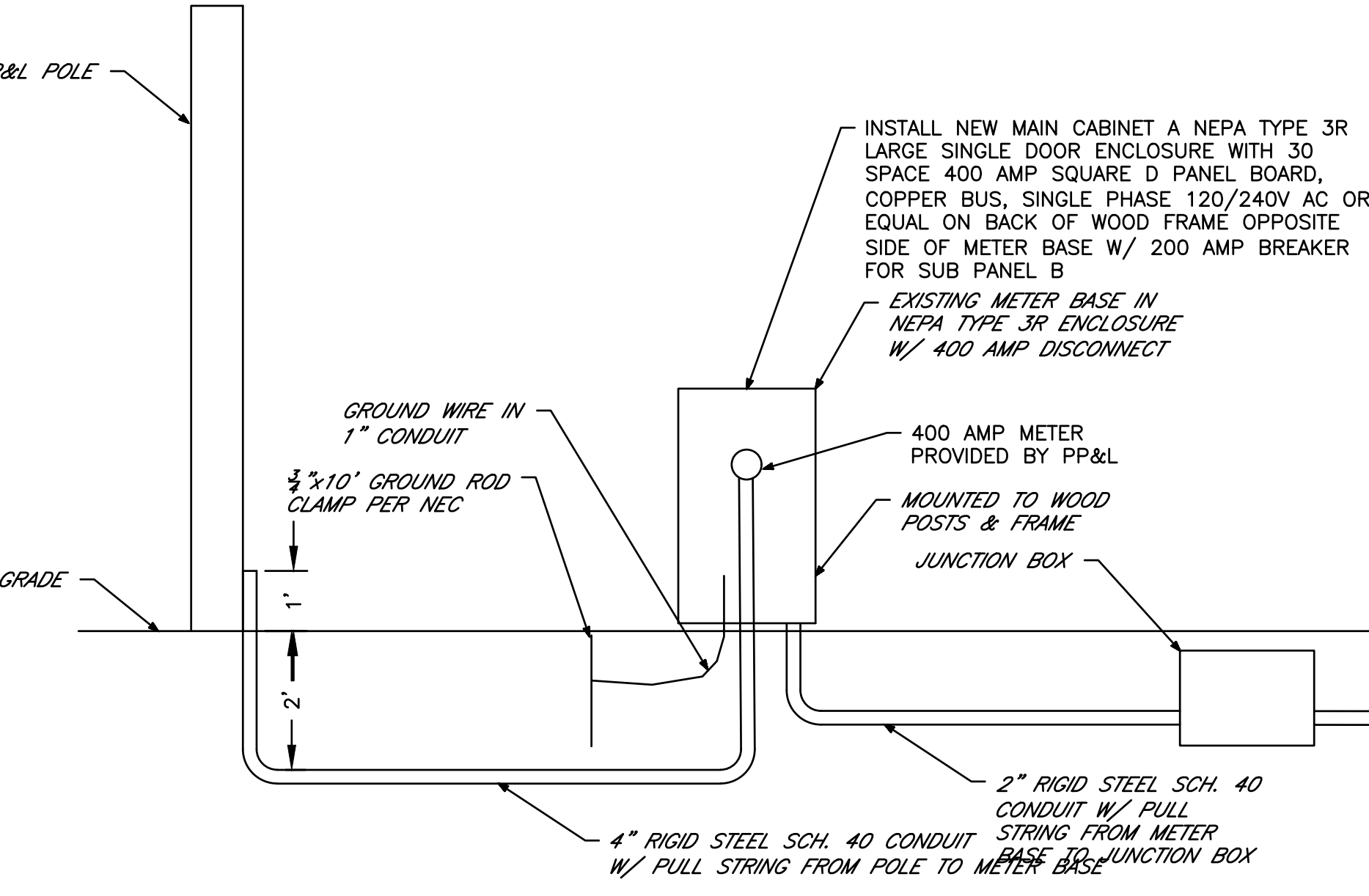


6 LIGHT POST DETAIL
NOT TO SCALE

- NOTES:
- POSTS TO COME WITH A FLOWER BASKET HOLDER (AARFPB-1S-CM) ON ONE SIDE.
 - POSTS TO COME WITH BANNER ARM BRACKET (AARBN28.5-SC8-F03-RM) ON OTHER SIDE.
 - POSTS TO COME WITH WEATHERPROOF GFWM RECEPTACLE.

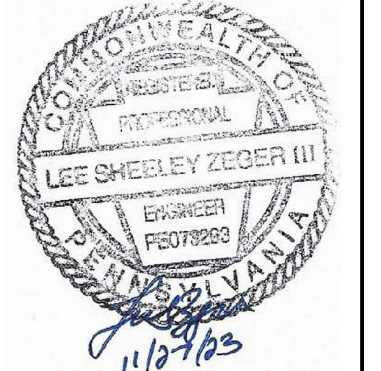


3 LIGHT POST FOUNDATION DETAIL
NOT TO SCALE



4 ELECTRICAL SERVICE DETAIL
NOT TO SCALE

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BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841



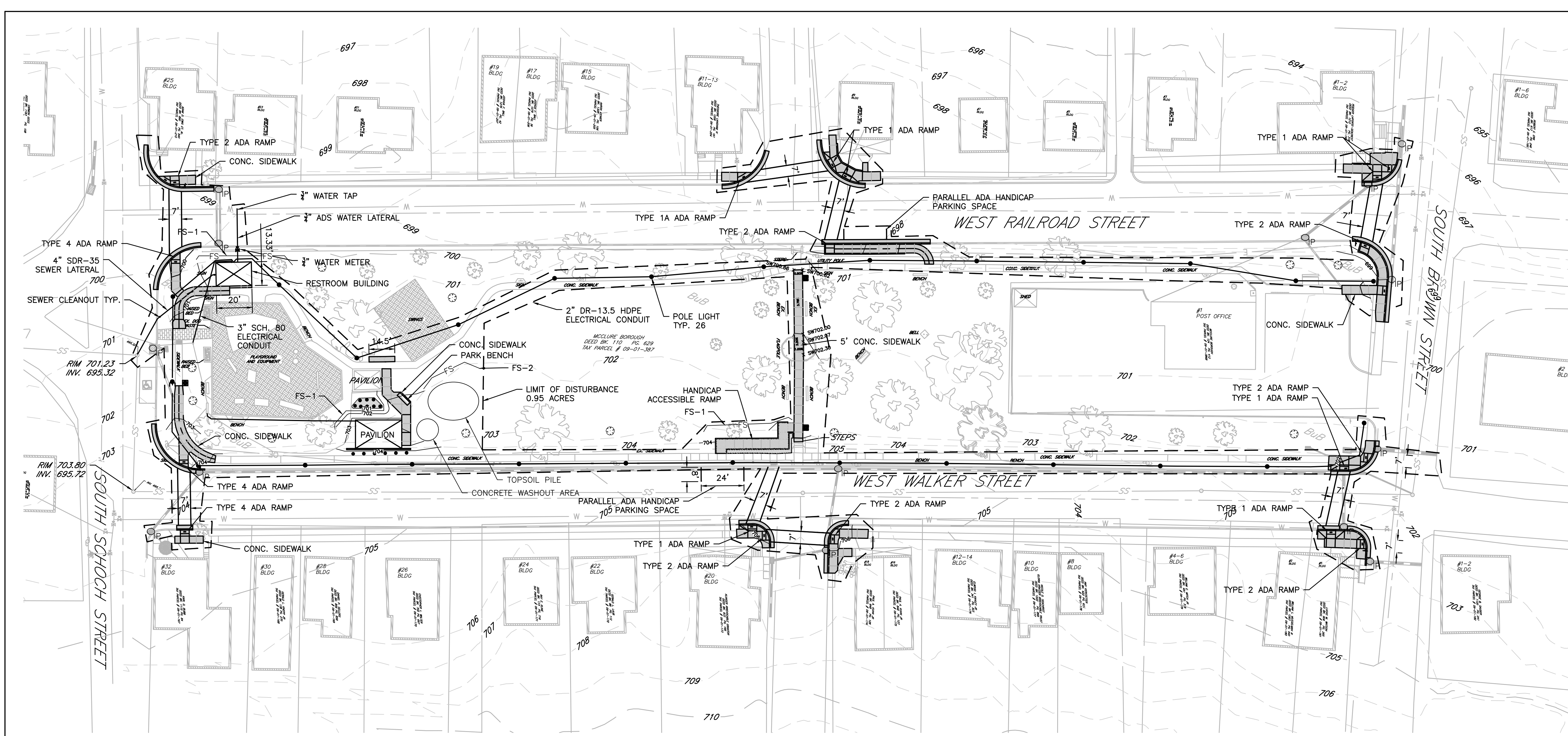
BOROUGH OF McCLURE
STATION PARK
RENOVATIONS
McCLURE, PA 17841

NO.	REVISION	DATE

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(814) 644-6621
lzeger@ces-engr.com

SHEET TITLE: SITE LIGHTING DETAILS	
SCALE: AS NOTED	DATE: 11/21/23
PROJECT NO: 21085_01_01	DRAWN: LSZ
SHEET NO: 8	DATE: 11/21/23
OF: 13	

C8



LEGEND:

EXISTING CONDITIONS

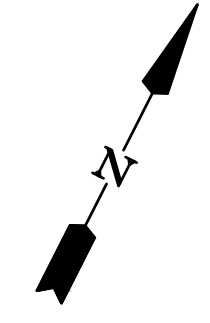
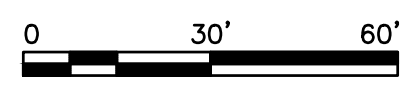
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- MAJOR CONTOURS: 480
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- SPOT ELEVATION: X 437.75
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- TREE TO BE REMOVED: [Symbol]
- SEWER CLEANOUT: [Symbol]
- POWER POLE: [Symbol]
- GUY WIRE: [Symbol]
- ROAD SIGN: [Symbol]
- WETLANDS: [Symbol]

PROPOSED CONDITIONS

- SPOT ELEVATION: X 437.75
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- MAJOR CONTOUR: 480
- STORM PIPE: [Symbol]
- LIMIT OF DISTURBANCE: [Symbol]
- SIDEWALKS: [Symbol]
- FILTER FABRIC FENCE: FS
- INLET PROTECTION: Qp

- E&S NOTES:**
- TOTAL LIMIT OF DISTURBANCE IS 0.95 ACRES.
 - ALL AREAS DISTURBED OUTSIDE OF PATHWAYS WILL BE RECONSTRUCTED WITH 6" UNCOMPACTED TOPSOIL AND COVERED WITH VEGETATION UNLESS NOTED OTHERWISE.
 - ALL AREAS WILL BE DRAINED TO GRADE.
 - ALL EMBANKMENTS GREATER THAN 3:1 WILL HAVE TEMPORARY EROSION CONTROL BLANKETS S75 TENSAR OR EQUAL.

E&S SITE PLAN



McClure_Park.dwg 12/12/2023 5:55:33 PM

COMPOST FILTER SOCK				
SILT SOCK #	LOCATION	% SLOPE	LENGTH	SIZE
FS-1	DOWNGRADE OF SITE AMENITIES	20	30'	12"
FS-2	DOWNGRADE OF TOPSOIL FILE	30	10'	12"

PREPARED FOR:
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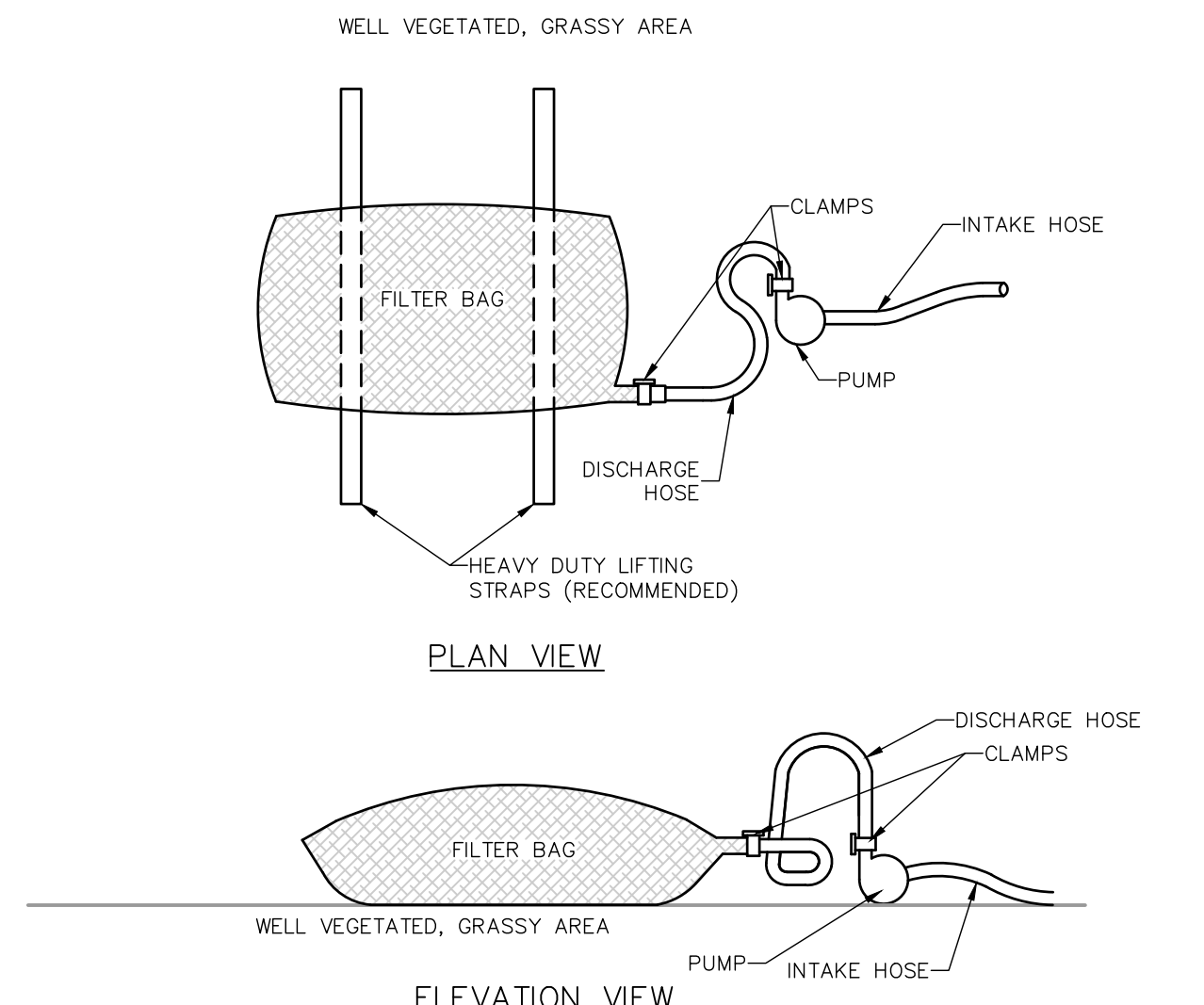


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SHEET TITLE: E&S SITE PLAN		
SCALE: 1"=30'	DRAWN: LSZ	DATE: 11/21/23
PROJECT NO: 21085_01_01		
SHEET NO.: 9	C9	
OF: 13		



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 WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. WIDE WIDTH STRENGTH	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4833	110 LB
MULLEN BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
AOS % 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.

NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.

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.

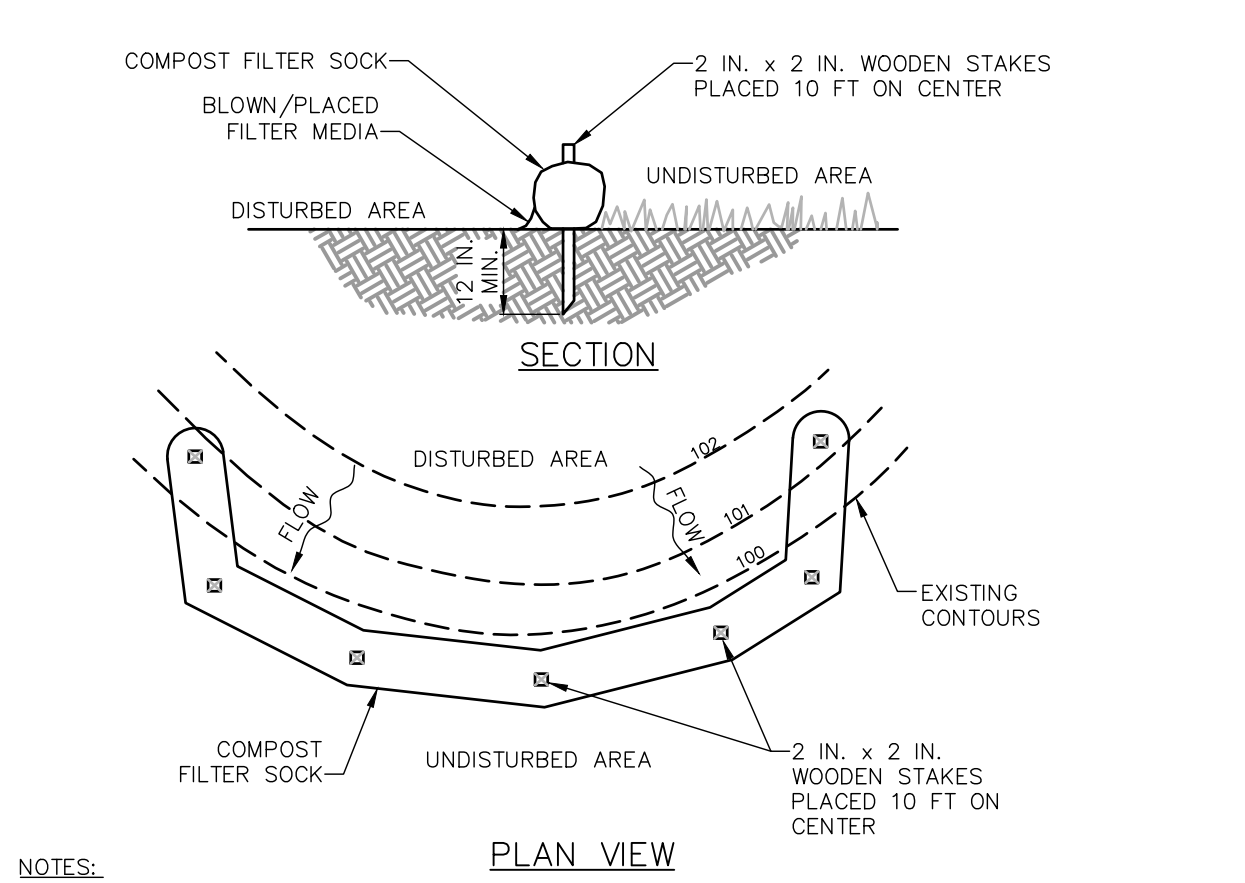
THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

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

SUMP PIT - SEDIMENT REMOVAL EFFICIENCY: LOW. THIS DEVICE IS NOT AN ABACT FOR SPECIAL PROTECTION WATERSHEDS UNLESS USED IN CONJUNCTION WITH A PUMPED WATER FILTER BAG. FOR SITES WHERE LARGE VOLUMES OF WATER OF LOW TO MODERATE TURBIDITY (I.E. NOT FLOWING FROM OR THROUGH WORK AREAS) MUST BE PUMPED FROM WORK AREAS, AND MANY FILTER BAGS WOULD BE REQUIRED, SUMP PITS (STANDARD CONSTRUCTION DETAIL #3-17) CAN PROVIDE A MEANS OF FILTERING THE WATER. THEY MAY ALSO BE USED IN CONJUNCTION WITH FILTER BAGS TO REDUCE THE AMOUNT OF SEDIMENT BEING PUMPED INTO THE BAGS, REDUCING THE NUMBER OF BAGS REQUIRED. SUMP PITS USED IN CONJUNCTION WITH FILTER BAGS MAY ALSO BE USED AS AN ABACT BMP IN SPECIAL PROTECTION WATERSHEDS. SUMP PITS SHOULD NOT BE USED ALONE WHERE HIGHLY TURBID WATERS ARE BEING PUMPED SUCH AS TYPICALLY RESULTS FROM ACTIVE WORK AREAS.

SUMP PITS SHOULD BE LOCATED AT A LOW POINT IN THE WORK AREA SO THAT THE WATER NATURALLY DRAINS TOWARD THE PIT. THE SIZE OF THE PIT REQUIRED DEPENDS UPON THE AMOUNT OF WATER THAT MUST BE PUMPED FROM THE WORK AREA AND THE SPACE AVAILABLE. WHEN USED IN CONJUNCTION WITH A FILTER BAG, THE INTAKE OF THE PUMP GOING TO THE FILTER BAG SHOULD BE INSERTED INTO THE STANDPIPE OF THE SUMP PIT.

**STANDARD CONSTRUCTION DETAIL #3-16
 PUMPED WATER FILTER BAG
 NOT TO SCALE**



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 8 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.

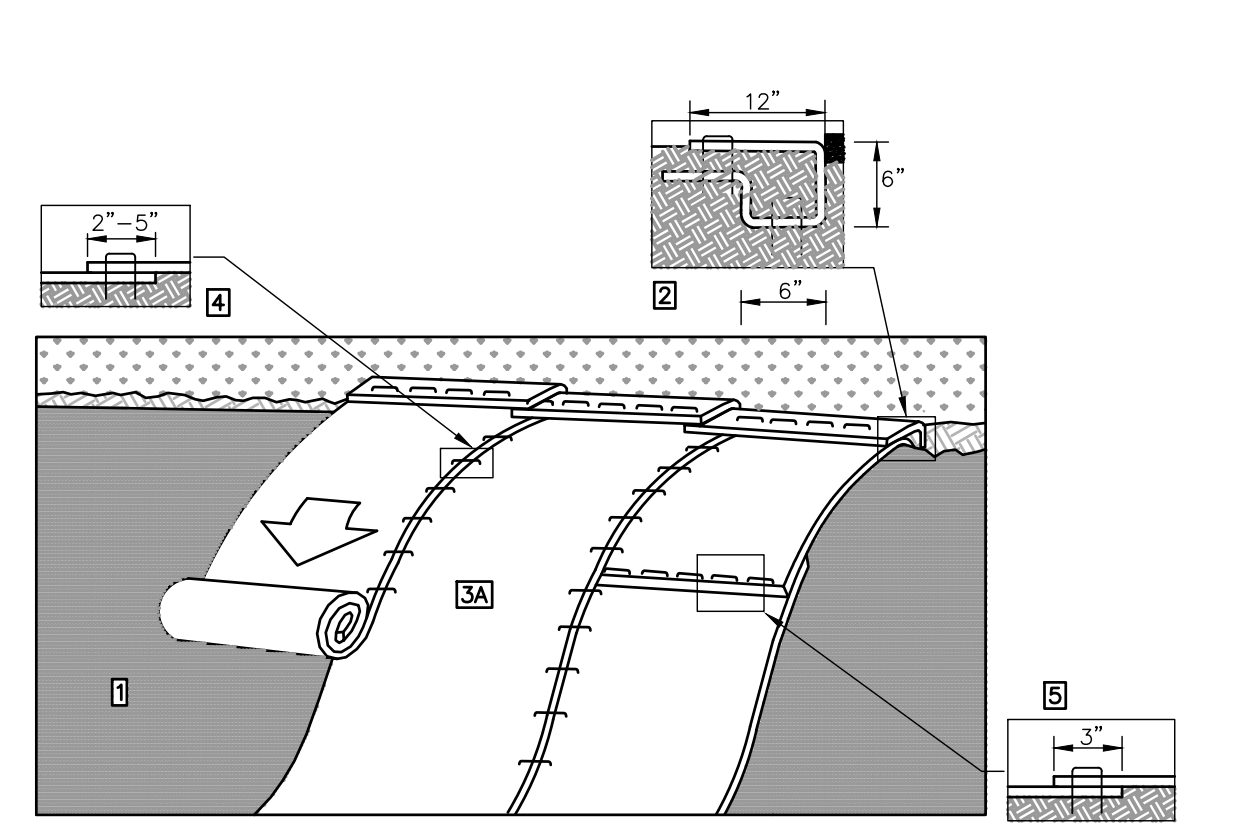
BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

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**

TABLE 4.2 (FILTRIX)

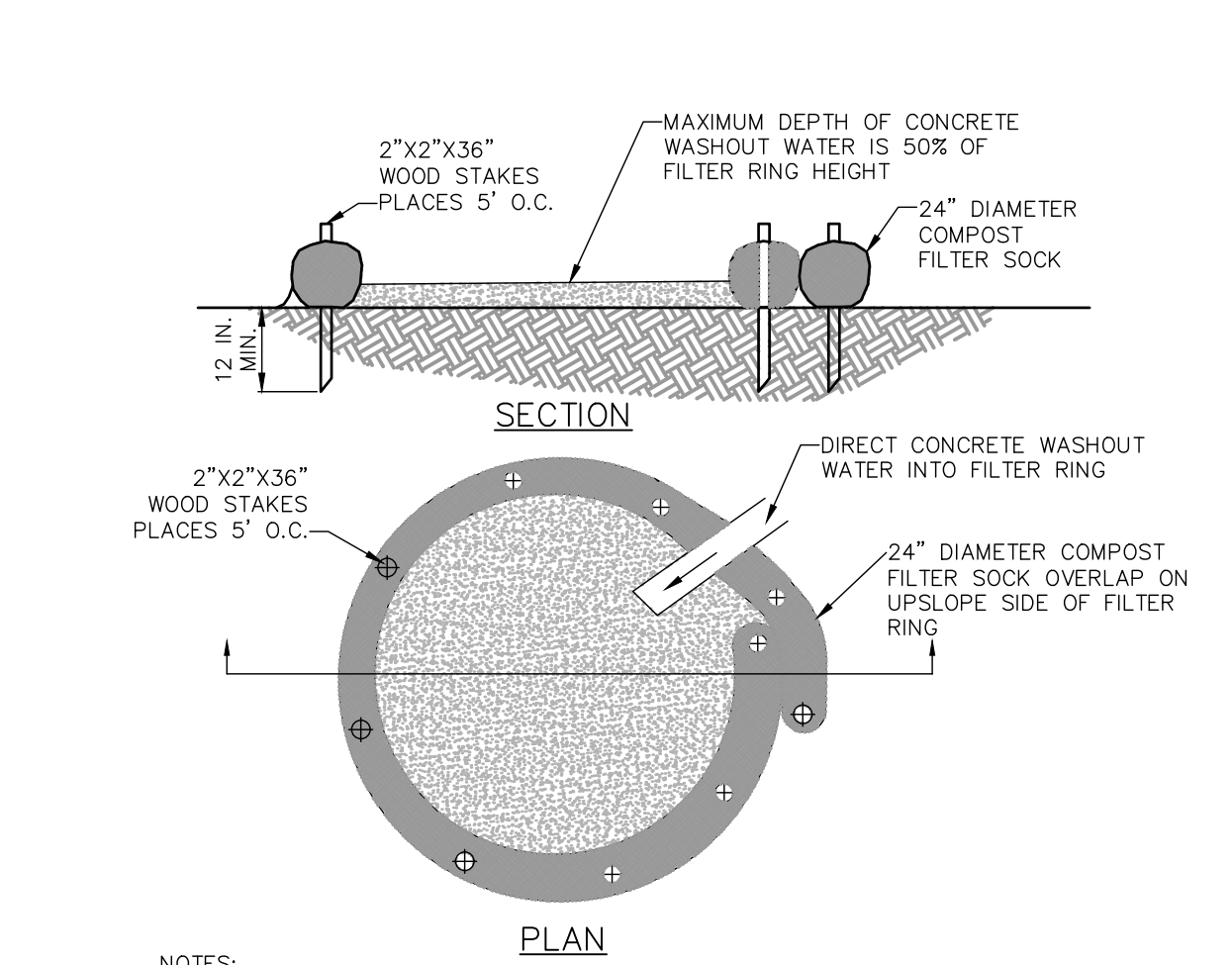
ORGANIC MATTER CONTENT	80% - 100% (DRY WEIGHT BASIS)
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	5.5-8.0
MOISTURE CONTENT	35%-55%
PARTICLE SIZE	98% PASS THROUGH 1" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 DS/M (MMHOS/CM) MAXIMUM



- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPs IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH WITH APPROXIMATELY 12" (30CM) OF RECPs EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPs WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12"(30CM) PORTION OF RECPs BACK OVER THE SEED AND COMPACTED SOIL. SECURE RECPs OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12"(30CM) APART ACROSS THE WIDTH OF THE RECPs.
- ROLL THE RECPs (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECPs WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPs MUST BE SECURELY FASTENED TO SOIL PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
- THE EDGES OF PARALLEL RECPs MUST BE STAPLED WITH APPROXIMATELY 2" -5" (5-12.5CM) OVERLAP DEPENDING ON THE RECPs TYPE.
- CONSECUTIVE RECPs SPICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3"(7.5CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12"(30CM) APART ACROSS ENTIRE RECPs WIDTH.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6"(15CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECPs.

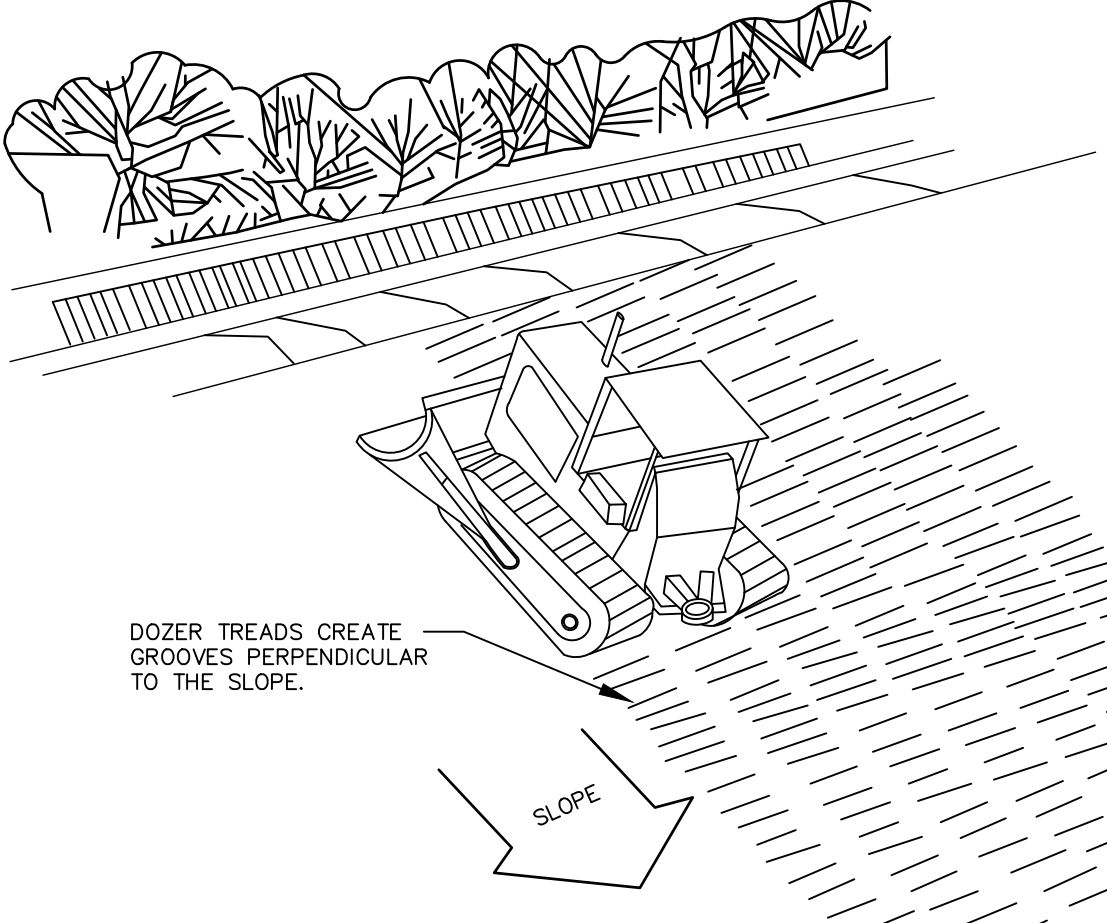
**SLOPE INSTALLATION DETAIL
 NOT TO SCALE**



- 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 GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.

**FIGURE 3.18
 TYPICAL COMPOST SOCK
 WASHOUT INSTALLATION
 NOT TO SCALE**

TRACKING SLOPES IS DONE BY RUNNING TRACKED MACHINERY UP AND DOWN THE SLOPE LEAVING TREAD MARKS PARALLEL TO THE CONTOURS. (NOTE: IF A BULLDOZER IS USED, THE BLADE SHOULD BE UP.) CARE SHOULD BE EXERCISED ON SOILS HAVING A HIGH CLAY CONTENT TO AVOID OVER-COMPACTION.

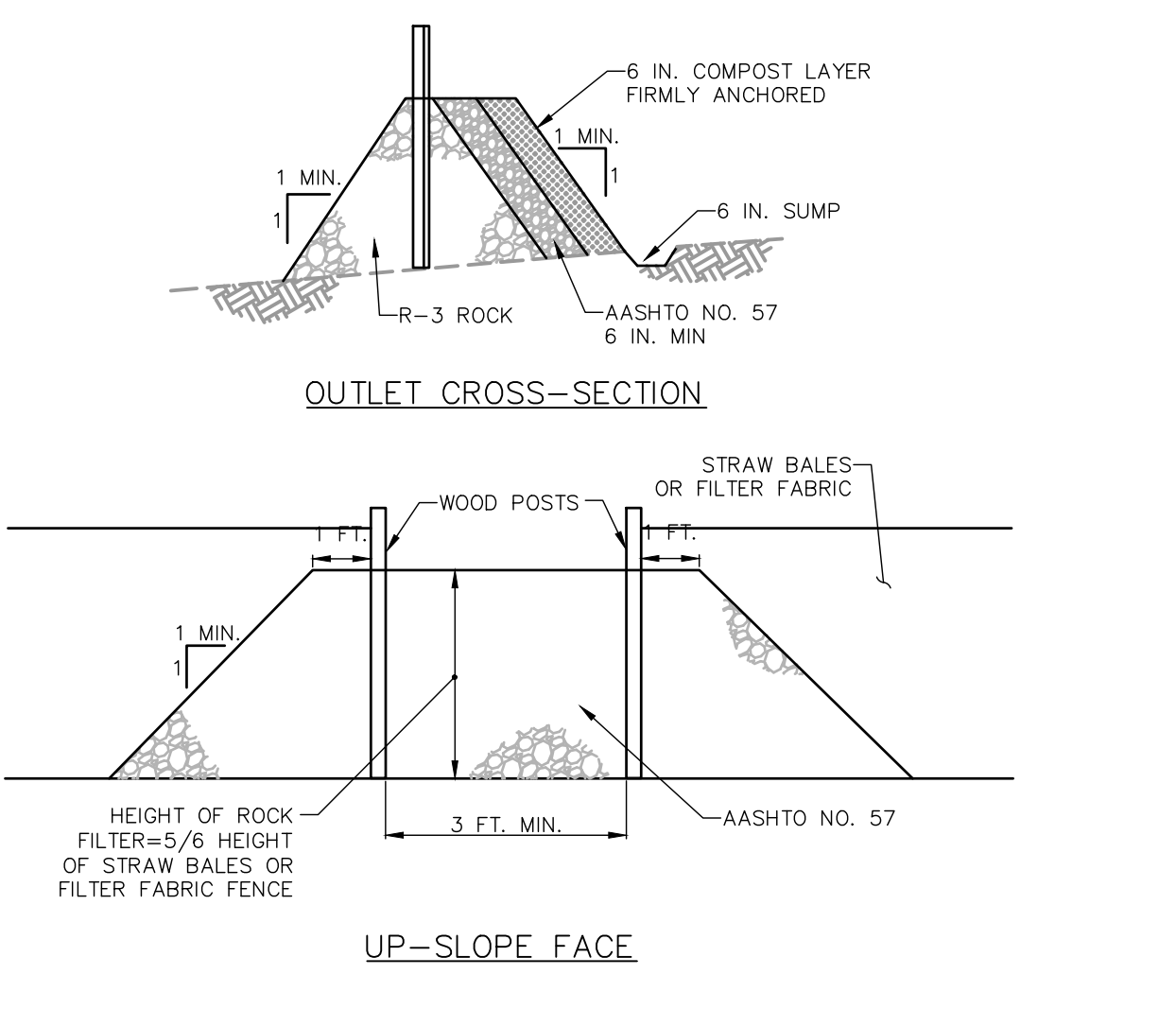


**FIGURE 11.3
 TRACKING A FILL SLOPE
 NOT TO SCALE**

VEGETATIVE STABILIZATION
 ALL DISTURBED AREAS THAT HAVE NOT OTHERWISE BEEN STABILIZED AND HAVE SIGNIFICANT POTENTIAL FOR EROSION SHOULD BE STABILIZED WITH VEGETATION. THIS INCLUDES GRADED AREAS WHERE IT IS ANTICIPATED THAT FUTURE EARTHMOVING WILL TAKE PLACE WITHIN THE COMING YEAR. AREAS THAT WILL BE SUBJECT TO EARTH MOVING WITHIN 12 MONTHS MAY BE STABILIZED WITH TEMPORARY SEED MIXTURES, PREDOMINANTLY ANNUAL GRASSES. ALL OTHERS SHOULD BE STABILIZED WITH PERMANENT SEED MIXTURES - PREDOMINANTLY PERENNIAL GRASSES. WHEN FINAL GRADE IS ACHIEVED DURING NON-GERMINATING MONTHS, THE AREA SHOULD BE MULCHED UNTIL THE BEGINNING OF THE NEXT PLANTING SEASON. HOWEVER, THE AREA WILL NOT BE CONSIDERED STABILIZED UNTIL A MINIMUM UNIFORM 70% VEGETATIVE COVER OF EROSION RESISTANT PERENNIAL SPECIES HAS BEEN ACHIEVED. CRITICAL AREAS ERODIBLE SOILS, WITHIN 50 FEET OF A SURFACE WATER, ETC. - SHOULD BE BLANKETED. TEMPORARY EROSION CONTROL BMPs THAT WERE INSTALLED FOR THE EARTH MOVING PHASE OF THE PROJECT MUST REMAIN IN PLACE AND BE MAINTAINED IN WORKING ORDER UNTIL PERMANENT STABILIZATION IS ACHIEVED. NOTE: AREAS THAT DO NOT RECEIVE SUFFICIENT SUNLIGHT TO SUPPORT VEGETATION (E.G. UNDER BRIDGE DECKS) SHOULD BE STABILIZED BY SOME MEANS OTHER THAN VEGETATION.

AS DISTURBED AREAS WITHIN A PROJECT APPROACH FINAL GRADE, PREPARATIONS SHOULD BE MADE FOR SEEDING AND MULCHING TO BEGIN (I.E. ANTICIPATE THE COMPLETION DATE AND SCHEDULE THE SEEDER). IN NO CASE SHOULD AN AREA EXCEEDING 15,000 SQUARE FEET, WHICH IS TO BE STABILIZED BY VEGETATION, REACH FINAL GRADE WITHOUT BEING SEEDED AND MULCHED. WAITING UNTIL EARTH MOVING IS COMPLETED BEFORE MAKING PREPARATIONS FOR SEEDING AND MULCHING IS NOT ACCEPTABLE. THIS REQUIREMENT SHOULD BE CLEARLY STATED IN THE SEEDING AND MULCHING SPECIFICATIONS CONTAINED ON THE PLAN DRAWINGS.

BEFORE THE SEEDING BEGINS, TOPSOIL SHOULD BE APPLIED AND ANY REQUIRED SOIL AMENDMENTS WORKED INTO THE SOIL TO A DEPTH OF 4 TO 6 INCHES. IF COMPOST IS TO BE ADDED TO THE TOPSOIL, IT SHOULD BE WORKED INTO THE SOIL WITH THE OTHER SOIL AMENDMENTS UNLESS IT IS BEING APPLIED AS AN EROSION CONTROL BMP.



NOTES:
 A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A SILT FENCE OR STRAW BALE BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE IN HQ AND EV WATERSHEDS.

**STANDARD CONSTRUCTION DETAIL #4-6
 ROCK FILTER OUTLET
 NOT TO SCALE**

MAINTENANCE OF E&S DEVICES

- COMPOST FILTER SOCK**
- INSPECT FILTER SOCK WEEKLY AND AFTER EVERY STORM EVENT. ANY NECESSARY REPAIRS WILL BE MADE IMMEDIATELY.
 - REPLACE DAMAGED OR REMOVED SECTIONS OF THE FILTER SOCK WITHIN 24 HOURS OF INSPECTION.
 - ACCUMULATED SEDIMENTS WILL BE REMOVED AS REQUIRED TO KEEP THE FILTER SOCK FUNCTIONAL. IN ALL CASES, REMOVE DEPOSITS WHERE ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FILTER SOCK.
 - ALL UNDERCUTTING OR EROSION OF THE FILTER SOCK WILL BE REPAIRED IMMEDIATELY WITH COMPACTED BACKFILL MATERIALS.
 - IN THE EVENT THAT THE FILTER SOCK FAILS TO HOLD IN ANY WAY DUE TO CONCENTRATED FLOWS, THE FAILED SECTION WILL BE REPLACED IMMEDIATELY WITH A ROCK FILTER OUTLET.
 - ADHERE TO ANY MANUFACTURER'S RECOMMENDATIONS FOR REPLACING FILTER SOCK DUE TO WEATHERING.

- EROSION CONTROL BLANKETS**
- INSPECT EROSION CONTROL BLANKETS WEEKLY AND AFTER EVERY STORM 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.

- RIPRAP APRON OUTLETS**
- INSPECT RIPRAP APRON OUTLETS WEEKLY AND AFTER EVERY STORM EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE PROJECT AREA UPSTREAM.
 - DISPLACED RIPRAP WITHIN THE APRON SHALL BE REPLACED IMMEDIATELY.

- ROCK FILTERS**
- INSPECT ROCK FILTERS WEEKLY AND AFTER EVERY STORM EVENT. ANY NECESSARY REPAIRS WILL BE MADE IMMEDIATELY.
 - CLOGGED FILTER STONE SHALL BE REPLACED FOLLOWING INSPECTION.
 - NEEDED REPAIRS SHALL BE MADE IMMEDIATELY FOLLOWING INSPECTION.
 - SEDIMENT SHALL BE REMOVED WHEN THE ACCUMULATION REACHES 1/2 THE HEIGHT OF THE FILTER.

- PUMPED WATER FILTER BAG FACILITY**
- INSPECT ON A DAILY BASIS AND AFTER EACH RUNOFF EVENT.
 - FILTER BAGS SHOULD BE CLEANED AND/OR REPLACED WHEN THE BAG IS HALF FULL.
 - DAMAGED FILTER BAGS SHOULD BE REPLACED.
 - NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER THE INSPECTION.

- CONCRETE WASHOUT INSTALLATION**
- ALL CONCRETE WASHOUT FACILITIES SHOULD BE INSPECTED DAILY. DAMAGED OR LEAKING WASHOUTS SHOULD BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY.
 - ACCUMULATE MATERIALS SHOULD BE REMOVED WHEN THEY REACH 75% CAPACITY.
 - PLASTIC LINERS SHOULD BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.

**TABLE 11.7
 TYPICAL POLYMER STABILIZED
 FIBER MATRIX APPLICATION RATES**

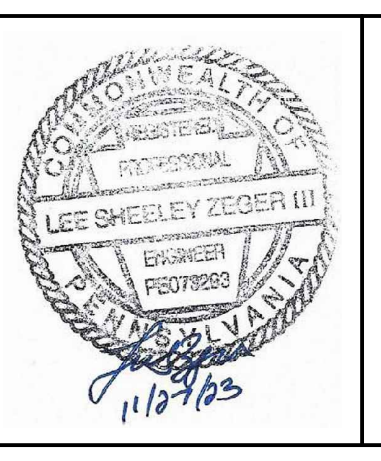
THE FOLLOWING APPLICATION RATES ARE SUGGESTED. IN ANY CASE, MANUFACTURER'S RECOMMENDATIONS SHOULD BE FOLLOWED. THE FOLLOWING ARE TYPICAL APPLICATION RATES:

SLOPE	MAXIMUM Rainfall of ≤20"							MAXIMUM Rainfall of >20"		
	6:1	5:1	4:1	3:1	2:1	1.5:1	1:1	≤6:1	4:1	>3:1
SOIL STABILIZER (GAL/ACRE)	4	5	6	7	8	9	10	6	8	10
FIBER (LBS/ACRE)	1,500	1,500	1,500	1,800	2,000	2,500	3,000	2,000	2,500	3,000

UNLIKE ROLLED BLANKETS, THERE IS NO NEED TO SMOOTH THE SLOPE PRIOR TO APPLICATION OF HYDRAULICALLY APPLIED BLANKETS. IN FACT SOME ROUGHENING OF THE SURFACE, EITHER NATURAL OR MECHANICALLY INDUCED, IS PREFERABLE. HOWEVER, LARGE ROCKS, THOSE 9 INCHES AND EXISTING RILLS SHOULD BE REMOVED PRIOR TO APPLICATION. TRACKING OR GROOVING OF SLOPES SHOULD BE CONSIDERED TO SLOW WATER FLOWS DURING A STORM EVENT. SLOPE INTERRUPTION DEVICES SUCH AS STAIR STEP GRADING OR BENCHING SHOULD BE APPLIED PRIOR TO THE APPLICATION. MIXING AND APPLICATION RATES SHOULD FOLLOW MANUFACTURER'S RECOMMENDATIONS.

HYDRAULICALLY APPLIED BLANKETS ARE TYPICALLY APPLIED IN TWO STAGES. UNLESS SPECIFICALLY RECOMMENDED TO BE APPLIED IN ONE APPLICATION BY THE MANUFACTURER, THE SEED MIXTURE AND SOIL AMENDMENTS SHOULD BE APPLIED FIRST. IF THE SEED IS APPLIED AT THE SAME TIME AS THE HYDRAULICALLY APPLIED BLANKET, THE BONDED FIBERS MAY KEEP THE SEED FROM MAKING SUFFICIENT CONTACT WITH THE SOIL TO GERMINATE. AFTER THE SEED MIXTURE IS APPLIED, THE BFM, FGM, OR PSM SHOULD BE SPRAYED OVER THE AREA AT THE REQUIRED APPLICATION RATE.

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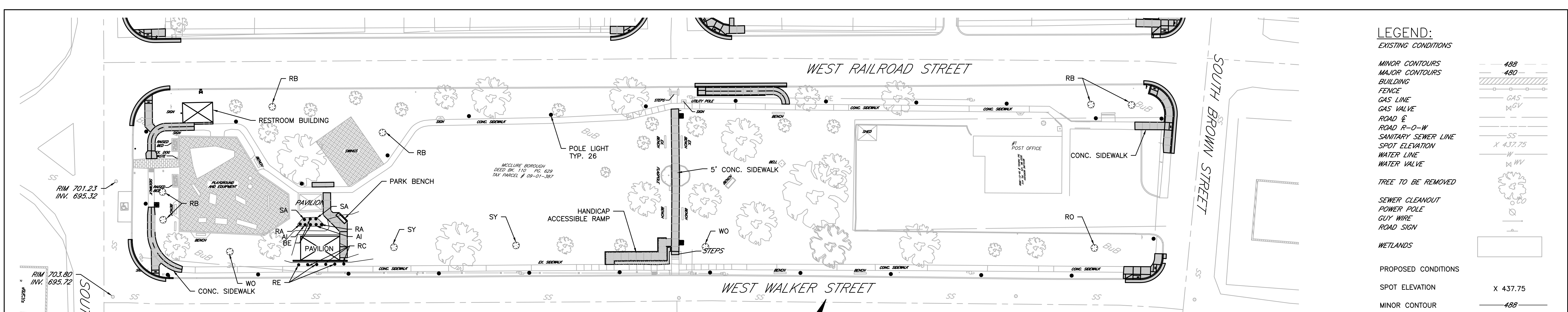
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SHEET TITLE: E&S DETAILS
 SCALE: AS NOTED
 DRAWN: LSZ
 DATE: 11/21/23
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C10



LEGEND:

EXISTING CONDITIONS

- MINOR CONTOURS: 488
- MAJOR CONTOURS: 480
- BUILDING: [Symbol]
- FENCE: [Symbol]
- GAS LINE: GAS
- GAS VALVE: [Symbol]
- ROAD & ROAD R-O-W: [Symbol]
- SANITARY SEWER LINE: SS
- SPOT ELEVATION: X 437.75
- WATER LINE: W
- WATER VALVE: [Symbol]
- TREE TO BE REMOVED: [Symbol]
- SEWER CLEANOUT: [Symbol]
- POWER POLE: [Symbol]
- GUY WIRE: [Symbol]
- ROAD SIGN: [Symbol]
- WETLANDS: [Symbol]

PROPOSED CONDITIONS

- SPOT ELEVATION: X 437.75
- MINOR CONTOUR: 488
- MAJOR CONTOUR: 480
- STORM PIPE: [Symbol]
- LIMIT OF DISTURBANCE: [Symbol]
- SIDEWALKS: [Symbol]
- TREE: [Symbol]
- SHRUB: [Symbol]

SHRUB SCHEDULE

PLANTS	CODE	BOTANICAL NAME/Common Name	MIN. HGT	SPACING	30 YR. HGT.	30 YR. SPR.	QTY	DETAIL
BE		Ilex Verticillata/Black Elder	18"-24"	VARIES	3'-15'	3'-12'	2	3/12
RE		Rosa Europaea/ European Rose	18"-24"	VARIES	2'-3'	2'-3'	3	3/12
AI		Asclepias Incarnata/ Swamp Butterfly Weed	18"-24"	VARIES	3'-5'	2'-3'	2	3/12
RA		Rhododendron Atlanticum/ Coast Azalea	18"-24"	VARIES	2'-3'	4'-5'	2	3/12
RC		Rosa Carolina/ Pasture Rose	12"-18"	VARIES	5'	5'	3	3/12
SA		Rhododendron Arborescens/ Sweet Azalea	18"-24"	VARIES	5'-6'	5'-6'	2	3/12

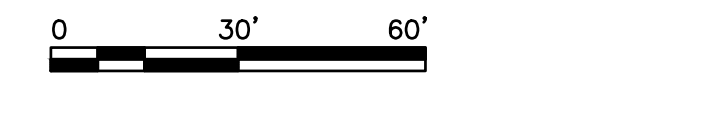
SHADE TREE PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME/Common Name	CONT.	CAL.	MIN. HGT.	SPACING	MATURE HGT.	MATURE SPR.	QTY	DETAIL
SY		Plantanus Occidentalis/American Sycamore	B&B	2"	8'	VARIES	75-100'	75-100'	2	1/12
RO		Quercus Rubra/ Northern Red Oak	B&B	2"	8'	VARIES	50-70'	50-75'	1	1/12
WO		Quercus Alba/ Eastern White Oak	B&B	2"	8'	VARIES	50-135'	50-80'	2	1/12

ORNAMENTAL AND UNDERSTORY TREE PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME/Common Name	CONT.	MIN. SIZE	MIN. HGT.	SPACING	MATURE HGT.	MATURE SPR.	QTY	DETAIL
RB		Cercis Canadensis/American Redbud	B&B	12-18"	8'	VARIES	20-30'	25-35'	6	4/12

LANDSCAPING PLAN

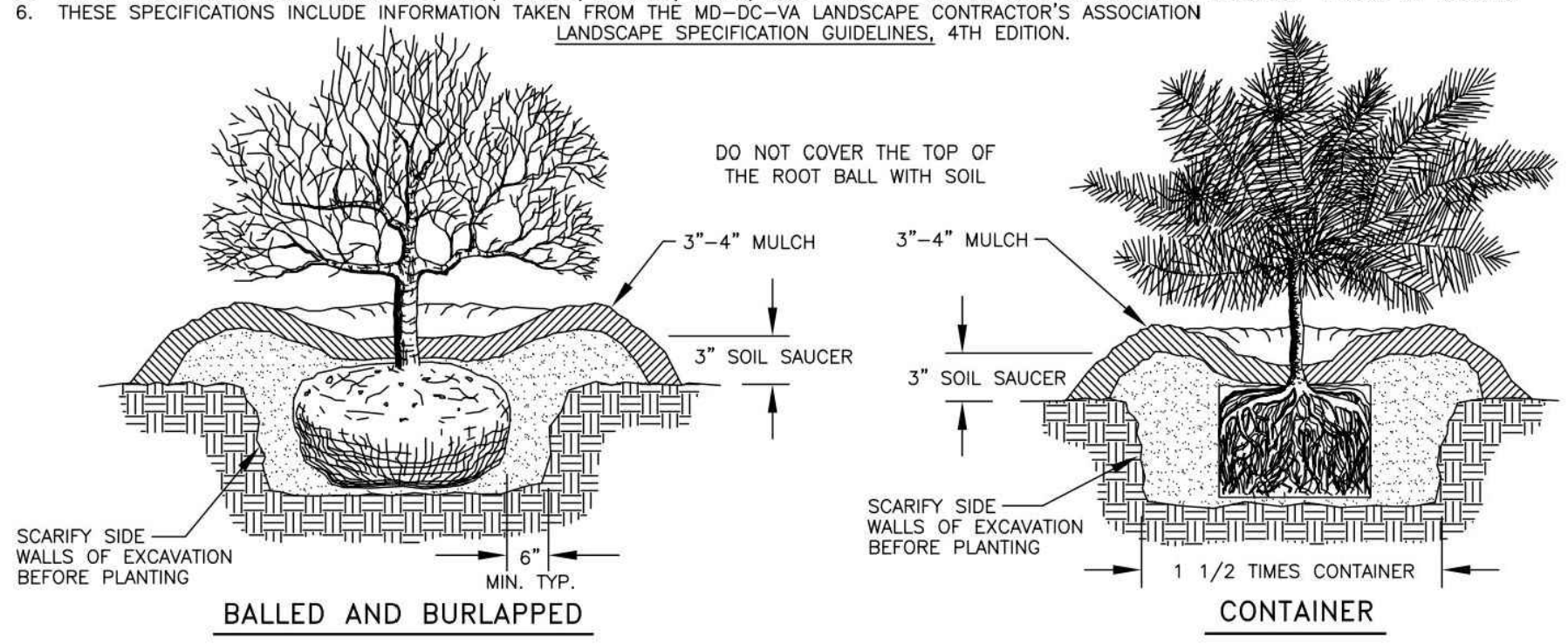


NOTES

- THE EXCAVATION FOR BALLED SHRUBS SHALL BE 6" LARGER THAN THE ROOT BALL ON ALL SIDES, FOR CONTAINER SHRUBS 1 1/2 TIMES THE CONTAINER DIAMETER. SCARIFY THE EXCAVATION WALLS. THE SHRUB ROOT BALL SHALL PROTRUDE ABOVE THE EXISTING GRADE 1/8 OF THE ROOT BALL HEIGHT. DO NOT PLANT THE SHRUB ON SLOPES STEEPER THAN 2:1.
- REMOVE CONTAINERS AND SLASH THE ROOT BALL FROM TOP TO BOTTOM AT LEAST 1" IN SEVERAL LOCATIONS. IF THE SHRUB IS BALLED & BURLAPPED REMOVE ALL SYNTHETIC FILM AND CUT AND REMOVE THE TOP 50% OF WIRE, ROPE, AND BURLAP. KEEP THE ROOT BALL MOIST AT ALL TIMES. GENTLY PLACE THE SHRUB IN THE PIT BY THE ROOT BALL AND SET PLUMB. USE THE EXCAVATED SOILS FROM THE PIT TO FORM A SOIL SAUCER AROUND THE SHRUB AS SHOWN. ON SLOPES THE SOIL SAUCER SHOULD BE THICKER ON THE DOWNHILL SIDE OF THE SHRUB.
- BACKFILL ALONG THE SIDES OF THE ROOT BALL SHALL BE EXCAVATED SOIL MIXED WITH AN EQUAL AMOUNT OF FURNISHED TOPSOIL. FURNISHED TOPSOIL SHALL BE SOIL TESTED AND CERTIFIED BY A STATE OF MARYLAND RECOGNIZED LABORATORY AS FOLLOWS: pH RANGE 5.0-7.0, ORGANIC MATTER > 1.5%, MAGNESIUM (Mg) 100+ UNITS, PHOSPHORUS (P₂O₅) 150+ UNITS, POTASSIUM (K₂O) 120+ UNITS, AND SOLUBLE SALTS/CONDUCTIVITY NOT TO EXCEED 3,000 PPM/2.5 mmhos/cm. THIS TOPSOIL SHALL ALSO BE FREE OF STONES, LUMPS, DEBRIS GREATER THAN 1 1/2", TOXIC SUBSTANCES, OR ANY PARTS OF NOXIOUS WEEDS. TAMP BACKFILL SOIL MIXTURE FIRMLY HALF WAY UP THE ROOT BALL THEN LIGHTLY. WATER GENEROUSLY.
- MULCH THE TOP OF THE ROOT BALL AND SOIL SAUCER 2"-3" DEEP BUT DO NOT PLACE MULCH AGAINST THE SHRUB TRUNK.
- WATER THOROUGHLY AND REMOVE ALL TAGS, LABELS, STRINGS, WIRES, ETC. FROM THE SHRUB UNLESS OTHERWISE DIRECTED. PRUNE AS NEEDED.
- THESE SPECIFICATIONS INCLUDE INFORMATION TAKEN FROM THE MD-DC-VA LANDSCAPE CONTRACTOR'S ASSOCIATION LANDSCAPE SPECIFICATION GUIDELINES, 4TH EDITION.

LANDSCAPING NOTES:

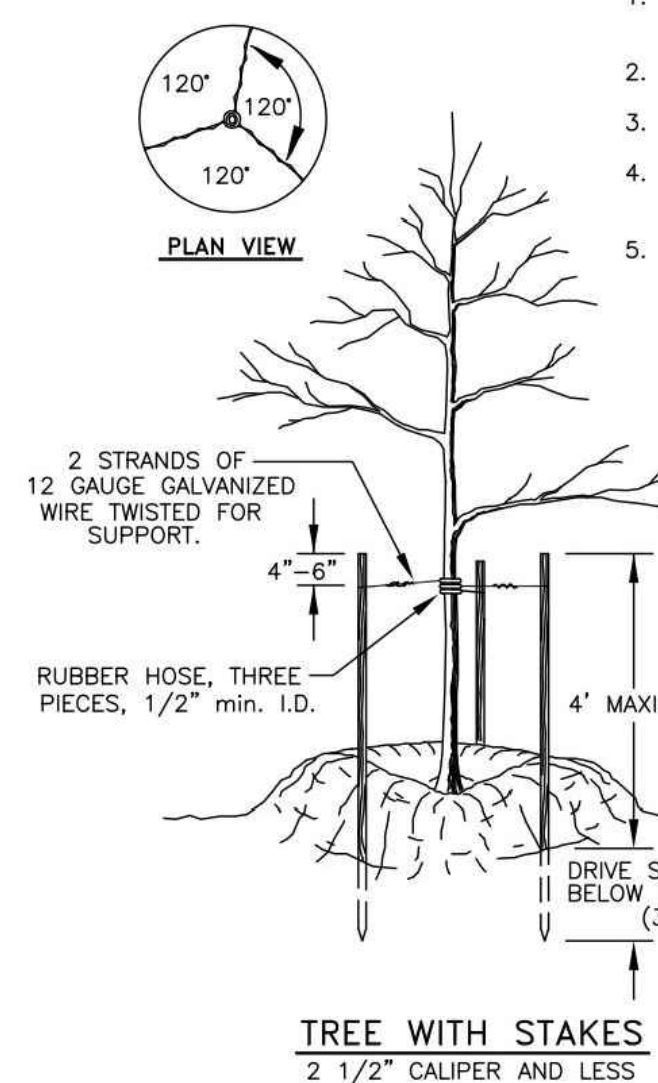
- ALL LANDSCAPING NEEDS TO BE PLANTED DURING THE GROWING SEASON.
- ALL PLANTS NEED TO BE NURSERY-GROWN PLANTS AND CERTIFIED.
- ALL REQUIRED LANDSCAPING AND IMPROVEMENTS THAT ARE SPECIFICALLY REQUIRED BY THIS PLAN SHALL BE MAINTAINED AND MUST BE REPLACED IF THE REQUIRED VEGETATION IS DAMAGED, DISEASED, CUT, OR DIES.
- ALL TREES SHALL HAVE TEMPORARY LABELS ATTACHED SO INSPECTORS CAN DETERMINE COMPLIANCE WITH THE APPROVED PLAN.



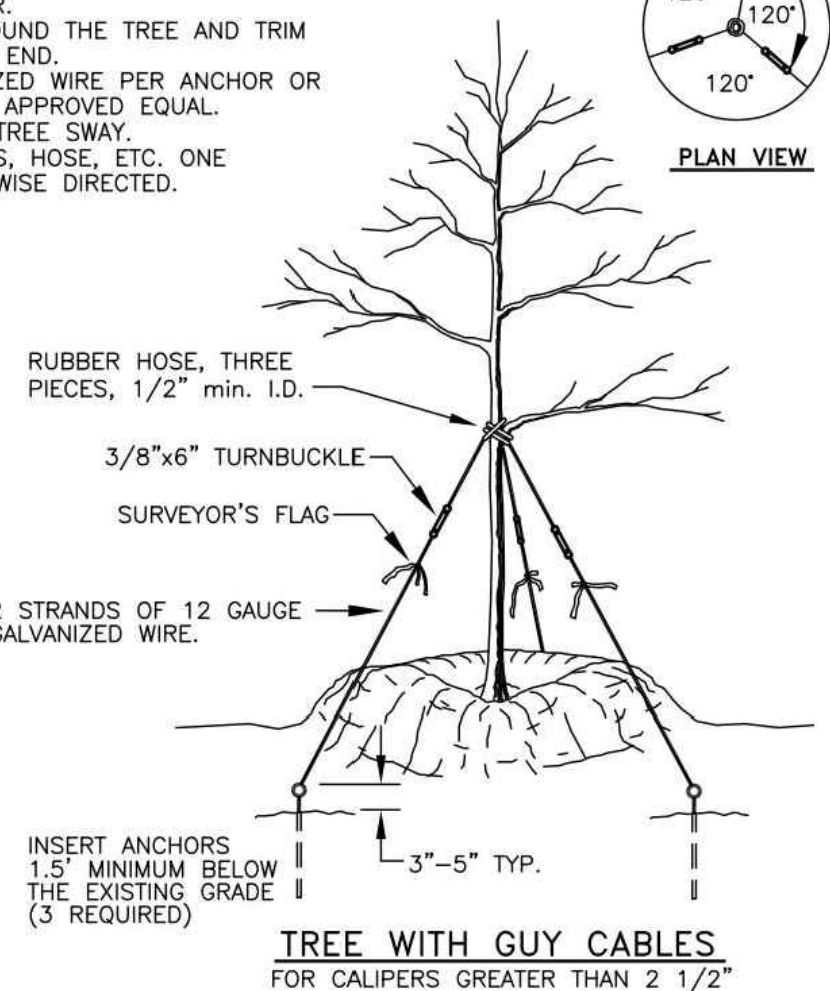
3 SHRUB PLANTING
NOT TO SCALE

NOTES

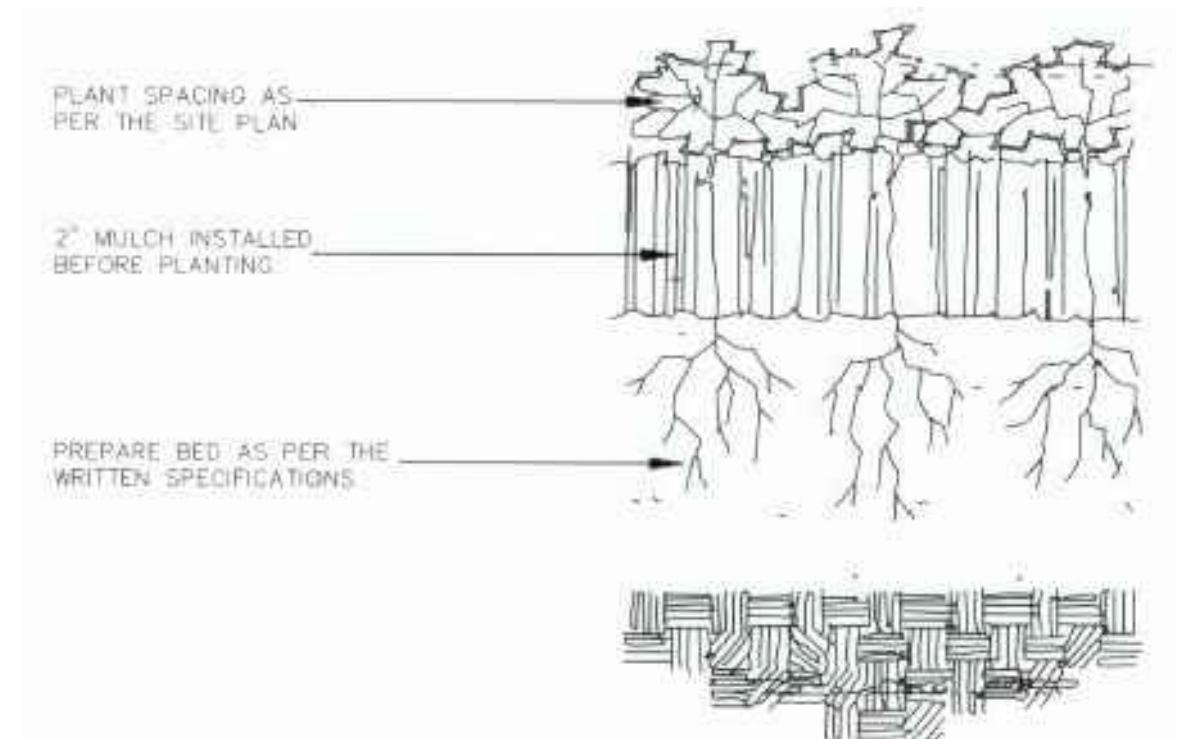
- STAKES SHALL BE HARDWOOD (NOMINAL 2"x2") OR HEAVY "T" STEEL POSTS OR APPROVED EQUAL. DO NOT DRIVE STAKES THROUGH THE TREE ROOT BALL.
- "EYE" BOLT TYPE GUY ANCHORS ARE PREFERRED. SUBMIT ANCHORS FOR APPROVAL BY THE CITY ENGINEER.
- WRAP EACH GARDEN HOSE PIECE AROUND THE TREE AND TRIM THE LENGTH WITH 2" EXTRA AT EACH END.
- TWO STRANDS OF 12 GAUGE GALVANIZED WIRE PER ANCHOR OR STAKE MAY BE SUBSTITUTED WITH AN APPROVED EQUAL. TENSION WIRES TO ALLOW 1"-3" OF TREE SWAY.
- REMOVE ALL STAKES, ANCHORS, WIRES, HOSE, ETC. ONE YEAR AFTER PLANTING UNLESS OTHERWISE DIRECTED.



1 TREE STAKING
NOT TO SCALE

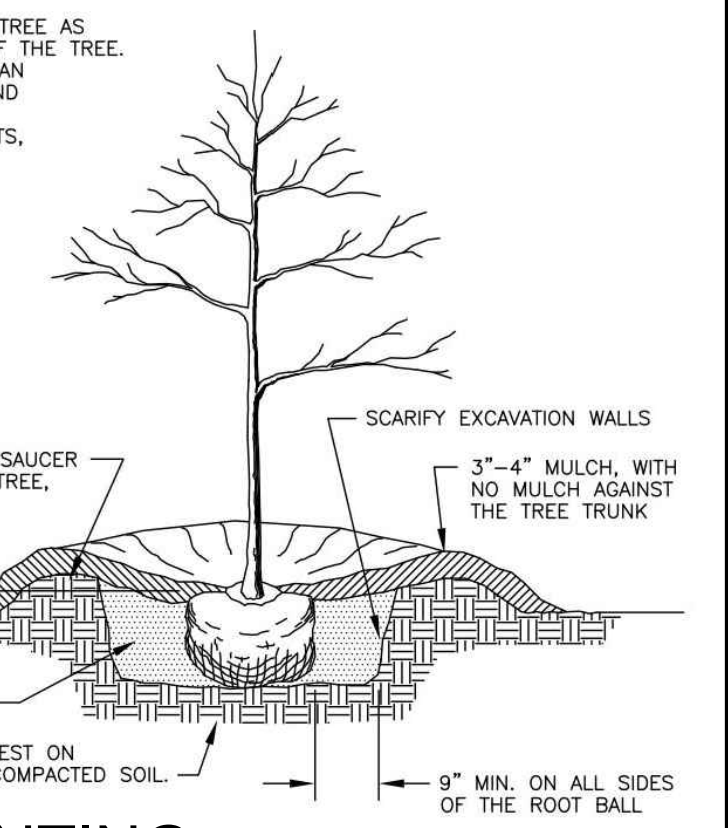


2 GROUND COVER/ PLUG PLANTING
NOT TO SCALE



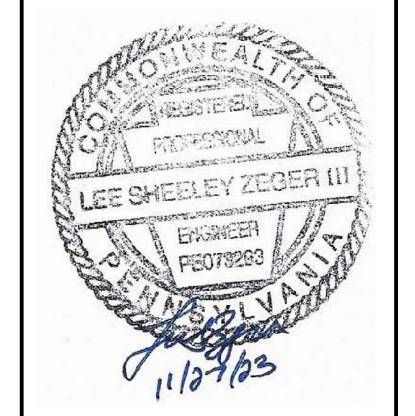
NOTES

- EXCAVATE THE TREE PIT WITH 9" CLEARANCE ON ALL SIDES OF THE TREE'S ROOT BALL. THE BOTTOM OF THE TREE PIT SHALL BE UNDISTURBED OR WELL COMPACTED SOIL AND WILL BE AT THAT GRADE THAT ALLOWS 1/8 OF THE ROOT BALL HEIGHT TO BE ABOVE EXISTING GRADE. SCARIFY THE TREE PIT WALLS. DO NOT PLANT ON SLOPES STEEPER THAN 2:1.
- GENTLY PLACE THE TREE INTO THE TREE PIT AND SET THE TREE PLUMB. ALL PLASTIC OR SYNTHETIC FILM MUST BE REMOVED FROM THE ROOT BALL. CUT AND REMOVE THE TOP 50% OF WIRE, ROPE, AND BURLAP. KEEP THE ROOT BALL MOIST AT ALL TIMES.
- USE THE EXCAVATED SOILS FROM THE TREE PIT TO FORM A SOIL SAUCER AROUND THE TREE AS SHOWN. ON SLOPES THE SOIL SAUCER SHOULD BE THICKER ON THE DOWNHILL SIDE OF THE TREE.
- BACKFILL ALONG THE SIDES OF THE ROOT BALL SHALL BE EXCAVATED SOIL MIXED WITH AN EQUAL AMOUNT OF FURNISHED TOPSOIL. FURNISHED TOPSOIL SHALL BE SOIL TESTED AND CERTIFIED BY A STATE OF MARYLAND RECOGNIZED LABORATORY AS FOLLOWS: pH RANGE OF 5.0-7.0, ORGANIC MATTER > 1.5%, MAGNESIUM (Mg) OF 100+ UNITS, PHOSPHORUS (P₂O₅) OF 150+ UNITS, POTASSIUM (K₂O) OF 120+ UNITS, AND SOLUBLE SALTS/CONDUCTIVITY NOT TO EXCEED 3,000 PPM/2.5 mmhos/cm. THIS TOPSOIL SHALL ALSO BE FREE OF STONES, LUMPS, ROOTS, OR OTHER DEBRIS GREATER THAN 1 1/2". TOPSOIL SHALL NOT CONTAIN TOXIC SUBSTANCES OR ANY PARTS OF NOXIOUS WEEDS. TAMP BACKFILL SOIL MIXTURE FIRMLY HALF WAY UP THE ROOT BALL. TAMP REMAINING BACKFILL SOIL MIXTURE LIGHTLY AND DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL. THEN WATER GENEROUSLY.
- MULCH THE TOP OF THE ROOT BALL AND SOIL SAUCER 2"-3" DEEP BUT DO NOT PLACE MULCH AGAINST THE TREE TRUNK.
- WATER THOROUGHLY AND REMOVE ALL TAGS, LABELS, STRINGS, WIRES, ETC. FROM THE TREE UNLESS OTHERWISE DIRECTED.
- PRUNE ANY DEAD, DAMAGED, OR DISEASED LIMBS. DO NOT CUT THE MAIN LEADER.
- THESE SPECIFICATIONS INCLUDE INFORMATION TAKEN FROM THE MD-DC-VA LANDSCAPE CONTRACTOR'S ASSOCIATION LANDSCAPE SPECIFICATION GUIDELINES, 4TH EDITION.
- FOR THE STAKING AND GUYING OF TREES REFER TO PLATE M-013.
- WHERE TREES ARE INSTALLED LESS THAN 5'-0" AWAY FROM CITY LIGHT CONDUIT THE CITY LIGHT DEPARTMENT MAY REQUIRE A LINEAR ROOT DEFLECTOR.



4 SMALL TREE PLANTING
NOT TO SCALE

PREPARED FOR:
BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841

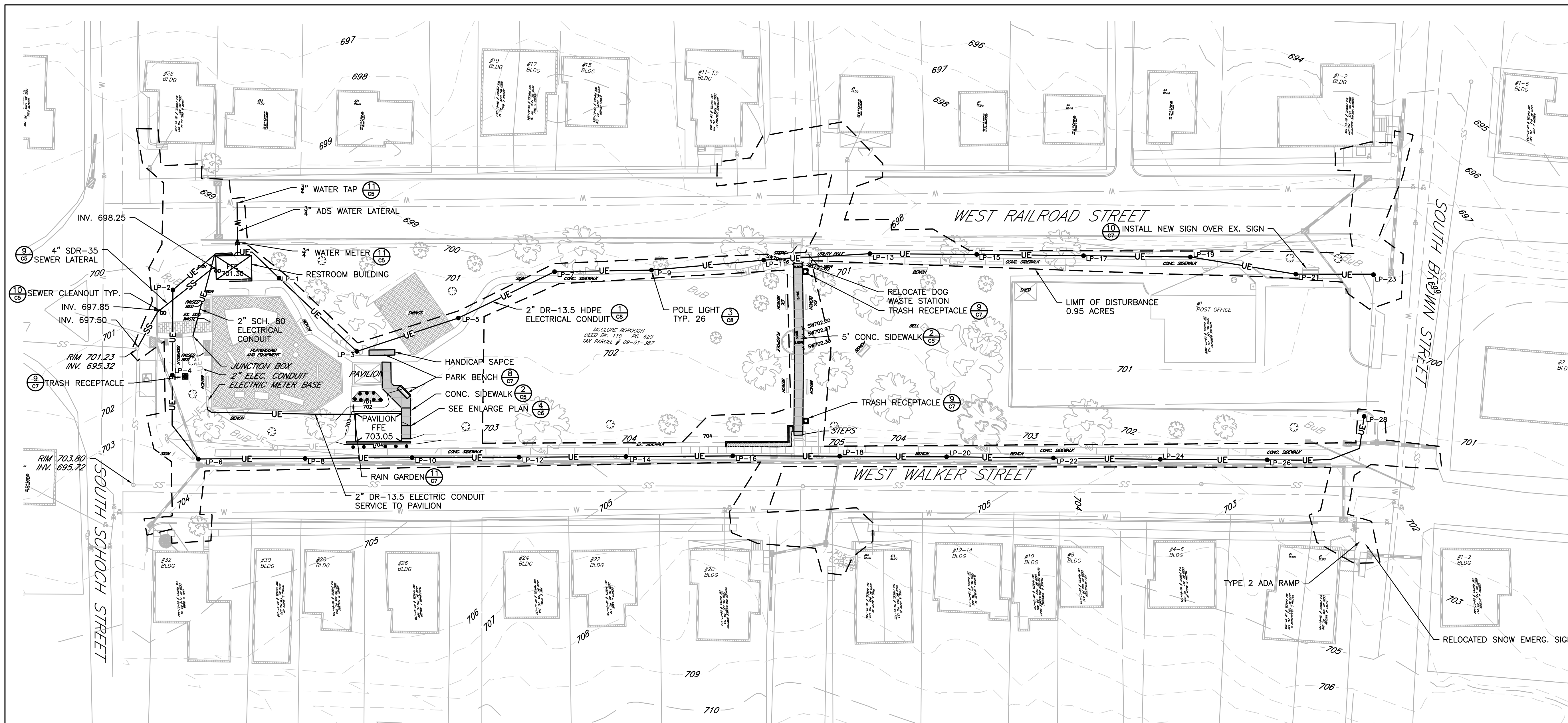


BOROUGH OF McCLURE
STATION PARK
RENOVATIONS
McCLURE, PA 17841

NO.	REVISION	DATE

CES ENGINEERING, LLC
- PUTTING YOU FIRST -
McCONNELLSBURG, PA (717) 485-5440 • HUNTINGDON, PA (814) 644-6621
A FULL SERVICE ENGINEERING, LAND SURVEYING & BUILDING DESIGN FIRM
7910 Sunrise Camp Road, Huntingdon, PA 16652
(814) 644-6621
lzeger@ces-engr.com

SHEET TITLE: LANDSCAPING PLAN
SCALE: 1"=30'
DRAWN: LSZ
DATE: 11/21/23
PROJECT NO: 21085_01_01
SHEET NO: 12
OF: 13
C12



LEGEND:

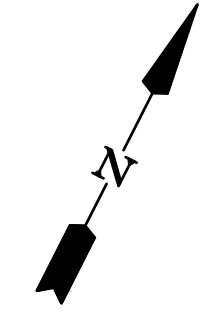
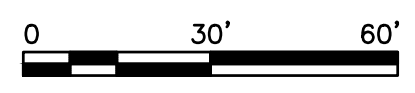
EXISTING CONDITIONS

- MINOR CONTOURS 488
- MAJOR CONTOURS 480
- BUILDING
- FENCE
- GAS LINE
- GAS VALVE
- ROAD
- ROAD R-O-W
- SANITARY SEWER LINE
- SPOT ELEVATION X 437.75
- WATER LINE
- WATER VALVE
- TREE TO BE REMOVED
- SEWER CLEANOUT
- POWER POLE
- GUY WIRE
- ROAD SIGN
- WETLANDS

PROPOSED CONDITIONS

- SPOT ELEVATION X 437.75
- MINOR CONTOUR 488
- MAJOR CONTOUR 480
- STORM PIPE
- LIMIT OF DISTURBANCE
- SIDEWALKS
- WATER LATERALS W
- SEWER LATERALS SS
- WATER VALVE
- SEWER CLEANOUT
- UNDERGROUND ELECTRIC UE
- BENCH
- TRASH RECEPTACLE
- DOG WASTE STATION
- LIGHT POLE

PROPOSED DCNR SITE PLAN

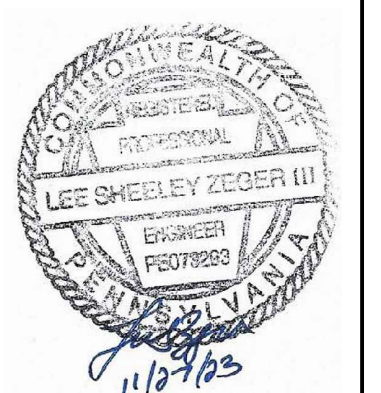


- GENERAL NOTES:**
- TOTAL LIMIT OF DISTURBANCE IS 0.95 ACRES.
 - ALL AREAS DISTURBED OUTSIDE OF PATHWAYS WILL BE RECONSTRUCTED WITH 6" UNCOMPACTED TOPSOIL AND COVERED WITH VEGETATION UNLESS NOTED OTHERWISE.
 - ALL AREAS WILL BE DRAINED TO GRADE.
 - ALL EMBANKMENTS GREATER THAN 3:1 WILL HAVE TEMPORARY EROSION CONTROL BLANKETS S75 TENSAR OR EQUAL.
 - ALL 2" UNDERGROUND ELECTRICAL CONDUIT WILL BE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING TO MINIMIZE IMPACTS TO THE EXISTING PARK. CONTRACTOR WILL NEED TO COORDINATE BORE PIT LOCATIONS WITH ENGINEER PRIOR TO BEGINNING OF DRILLING OPERATION.
 - ALL ITEMS THIS SHEET IS PART OF THE DCNR LUMP SUM BID #1 AND ALTERNATES AS LISTED ON BID FORM. ALL OTHER ITEMS SHOWN ON SHEET C4 IS PART OF THE UNIT PRICE BID ITEMS FOR BID #2.

McClure_Park.dwg 12/12/2023 5:36:49 PM

PREPARED FOR:

BOROUGH OF McCLURE
ONE NORTH FORBES STREET
McCLURE, PA 17841



BOROUGH OF McCLURE
STATION PARK
RENOVATIONS
McCLURE, PA 17841

NO.	REVISION:	DATE:

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SHEET TITLE: PROPOSED DCNR SITE PLAN	
SCALE: 1"=30'	DATE: 11/21/23
PROJECT NO: 21085_01_01	DRAWN: LSZ
SHEET NO.: 13	DATE: 11/21/23
OF: 13	C13