

DOVER TOWNSHIP BOARD OF SUPERVISORS

YORK COUNTY, PA

POPLARS ROAD CULVERT REPLACEMENT

PUBLIC UTILITY FILING - ACT 50 OF 2017

COMPANY: COLUMBIA GAS OF PA INC
 ADDRESS: 1600 DUBLIN RD
 COLUMBUS, OH. 43215
 CONTACT: LISA COLLINS
 EMAIL: ldugan@nisource.com
 PHONE: 614-325-5961

COMPANY: COMCAST
 ADDRESS: C/O USIC LOCATING SERVICES INC
 13085 HAMILTON CROSSING BLVD
 SUITE 200
 CARMEL, IN. 46032
 CONTACT: USIC PERSONNEL
 PHONE: 800-762-0592 EXT. 3

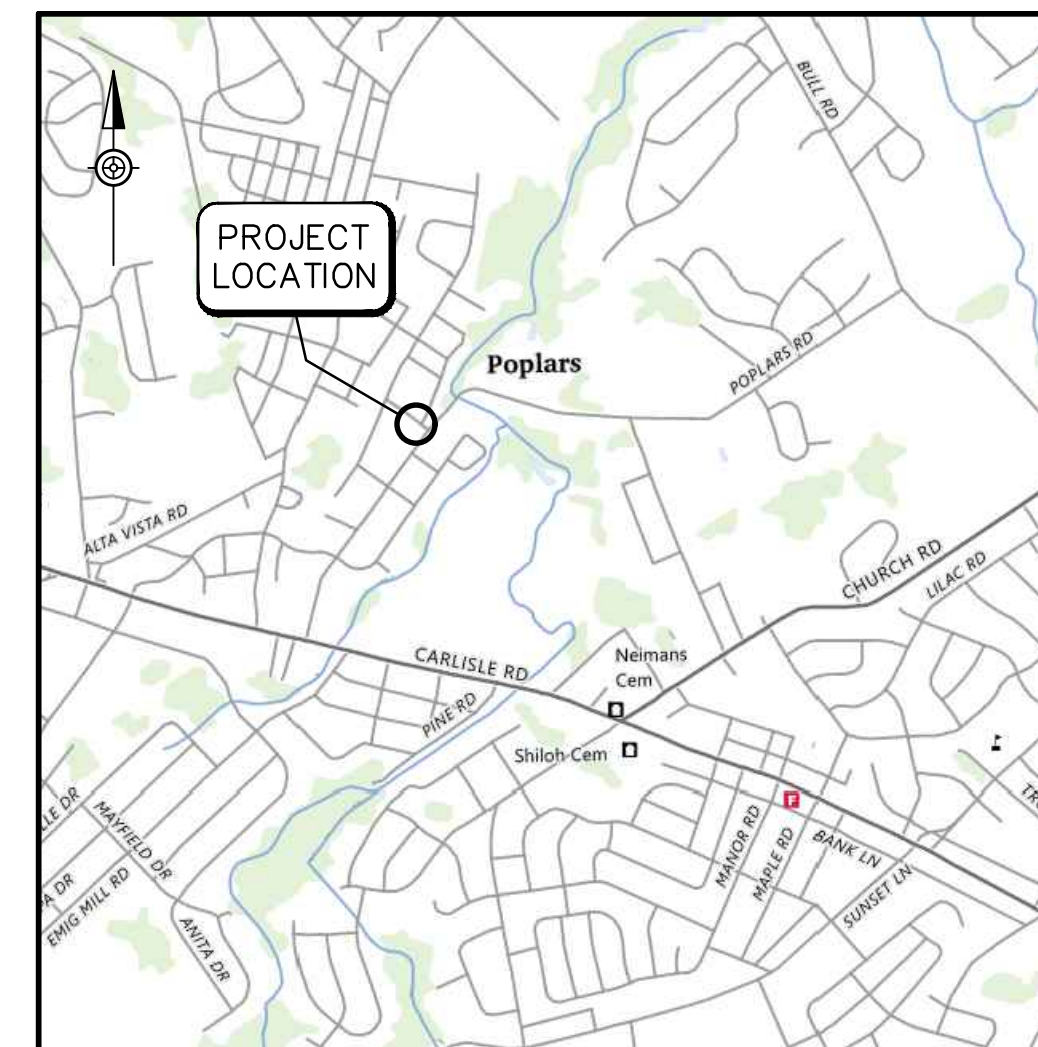
COMPANY: FIRSTENERGY CORPORATION
 ADDRESS: 21 S MAIN ST
 AKRON, OH. 44308
 CONTACT: MELLYSSA ADAMS
 EMAIL: madams@firstenergycorp.com
 PHONE: 330-604-4073

COMPANY: DOVER TOWNSHIP
 ADDRESS: 2480 W CANAL RD
 DOVER, PA. 17315
 CONTACT: NATHAN STONE
 EMAIL: nstone@dovertownship.org
 PHONE: 717-292-3634

COMPANY: VERIZON NORTH
 ADDRESS: 37 W 8TH ST
 WYOMING, PA. 18644
 CONTACT: RONALD SILINSKIE
 EMAIL: RONALD.SILINSKIE@VERIZON.COM
 PHONE: 570-826-4263

SHEET INDEX

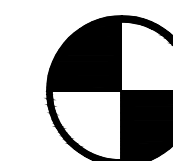
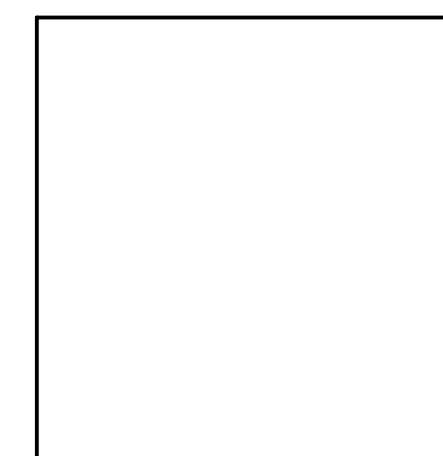
| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1. | COVER SHEET |
| 2. | PLAN, PROFILE, AND CONSTRUCTION DETAILS |
| 3. | EASEMENTS |
| 4. | E&S NOTES AND DETAILS |



LOCATION MAP
 Scale: 1"=2000'

ENGINEER'S PROJECT NO. 1619.5.82.00

JULY 2024



C.S. DAVIDSON, INC.
 ENGINEERING A BETTER COMMUNITY

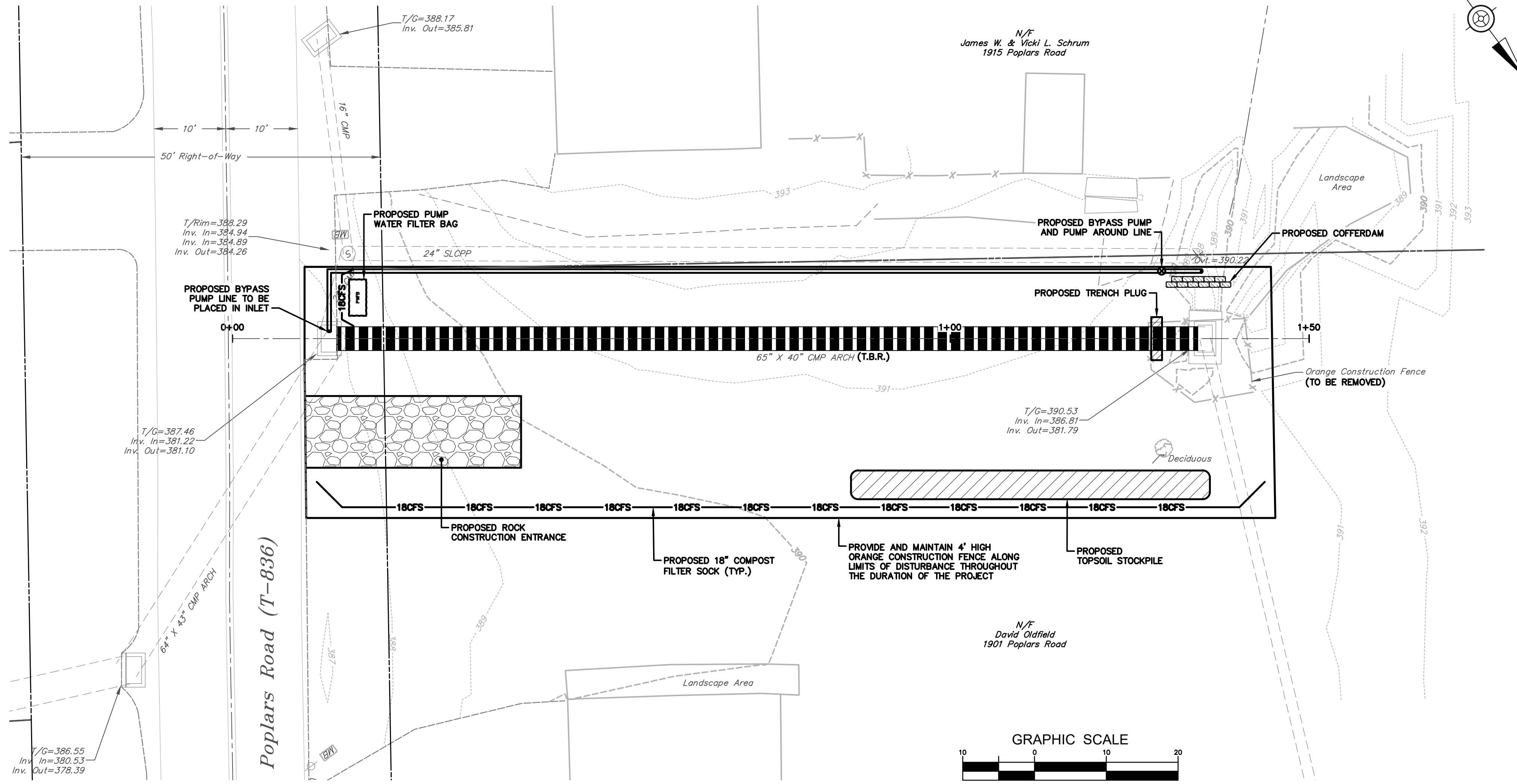
38 NORTH DUKE STREET, YORK, PA • PHONE (717) 846-4805
 50 WEST MIDDLE STREET, GETTYSBURG, PA • PHONE (717) 337-3021
 315 W. JAMES STREET, SUITE 102, LANCASTER, PA • PHONE (717) 481-2991
 WWW.CSDAVIDSON.COM

| NO. | DATE | REVISION | BY |
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PENNSYLVANIA ONE CALL SYSTEM, INC.
 DESIGN STAGE NOTIFICATION
 (05/22/24)
 SERIAL NO. 20241230813-000

NOTE:
 INFORMATION CONCERNING UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR IS RESPONSIBLE TO CONTACT ALL UTILITY OWNERS, AND TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES, PRIOR TO EXCAVATION BY USE OF POWER-OPERATED EQUIPMENT.



LIMIT OF DISTURBANCE
4,719 SQ.FT. (0.11 AC.)

LEGEND (Existing)

| DESCRIPTION | DESCRIPTION |
|-------------------------|------------------------|
| Right-of-Way Line | Fence |
| Road/Drive Centerline | Storm Sewer Line |
| Index Contour Line (5') | Sanitary Sewer Line |
| Contour Line (1') | Edge of Stones |
| BeD | Soil Type/Boundary |
| BeC | Building |
| Edge Of Road | |
| Storm Sewer Inlet | Utility Pole |
| Deciduous Tree | Sanitary Sewer Manhole |

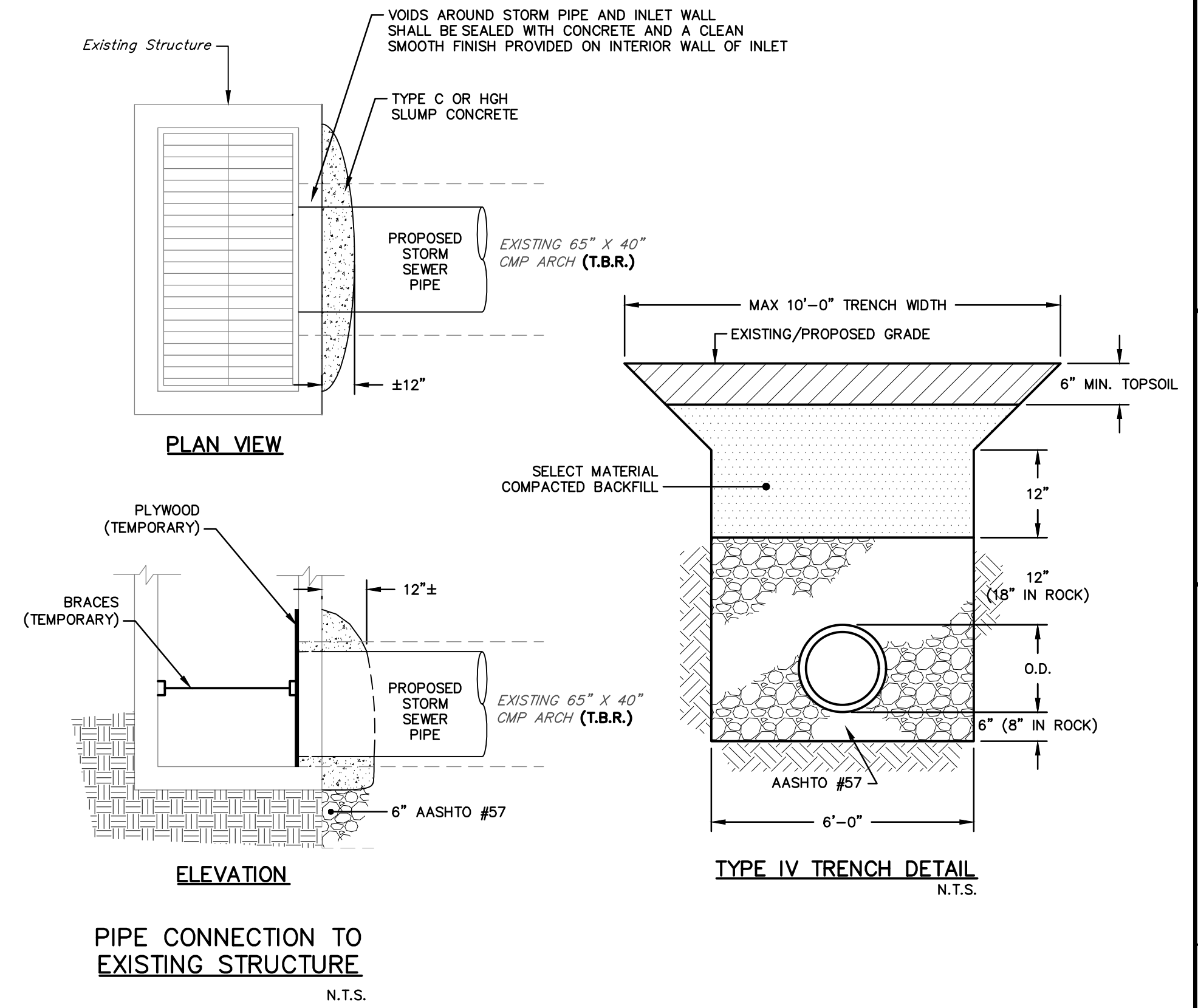
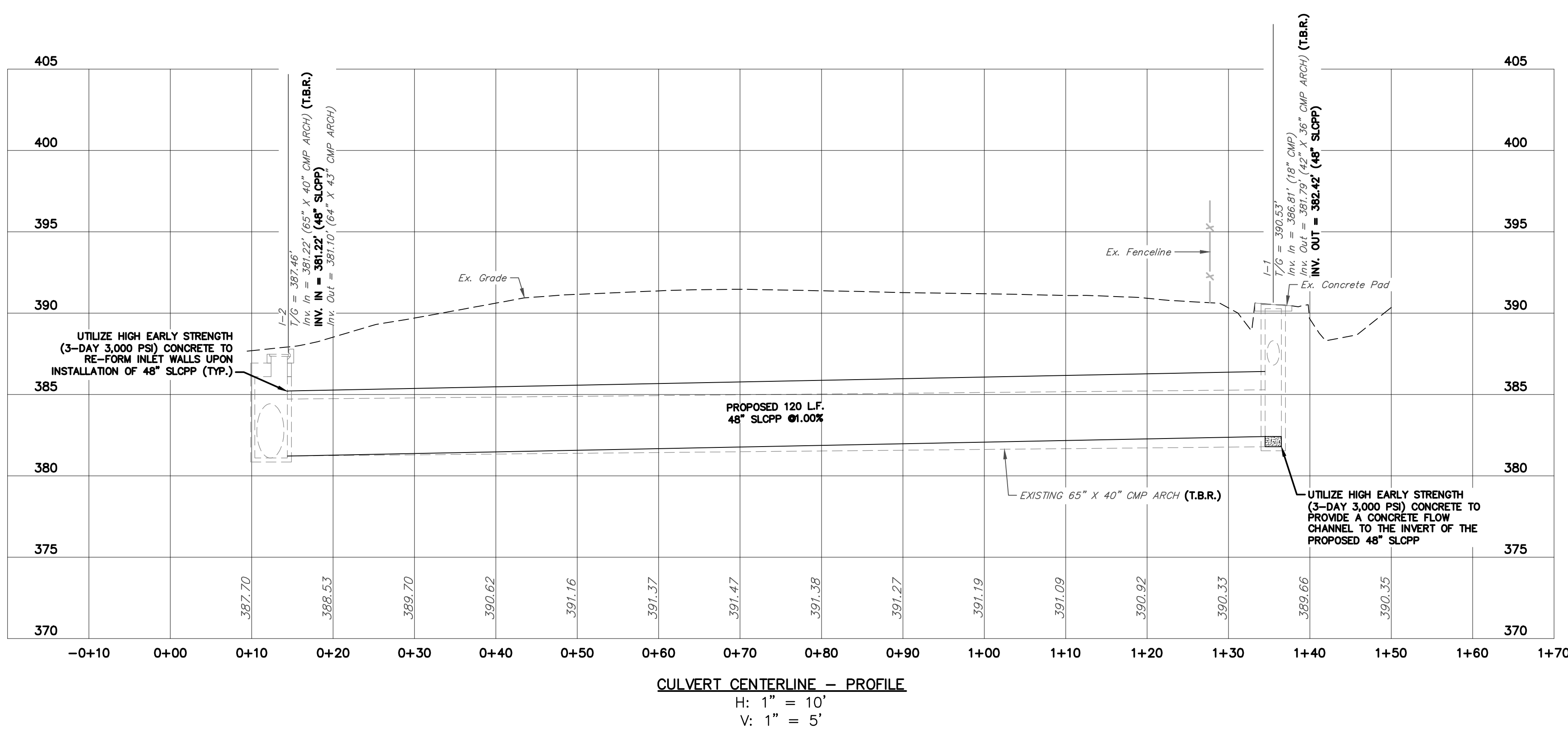
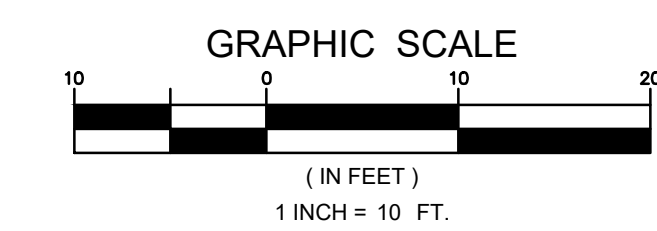
LEGEND (PROPOSED)

| DESCRIPTION | |
|------------------|--|
| STORM SEWER LINE | |

SOIL EROSION & SEDIMENTATION CONTROL LEGEND (PROPOSED)

| | |
|--------------------|----------------------------------|
| LOD | LOD BOUNDARY |
| 18CFS | 18" COMPOST FILTER SOCK |
| [Rock symbol] | ROCK CONSTRUCTION ENTRANCE |
| [Cofferdam symbol] | COFFER DAM |
| PWFB | PUMPED WATER FILTER BAG |
| [Circular symbol] | CONCRETE WASHOUT |
| [Bypass symbol] | BYPASS PUMP AND PUMP AROUND LINE |
| [Stockpile symbol] | TOPSOIL STOCKPILE |

NOTE:
THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER OF 1901 POPLARS ROAD TO LOCATE AND TEMPORARILY RELOCATE AN EXISTING UNDERGROUND DOG FENCE. COORDINATION EFFORTS SHALL BE INCLUDED IN BID ITEM NO. 3.01.04.48



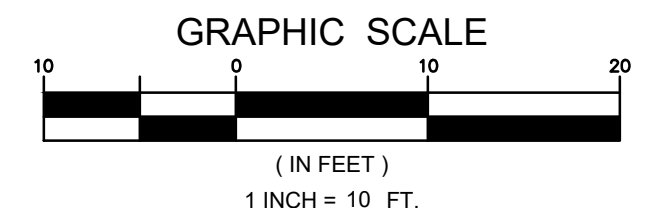
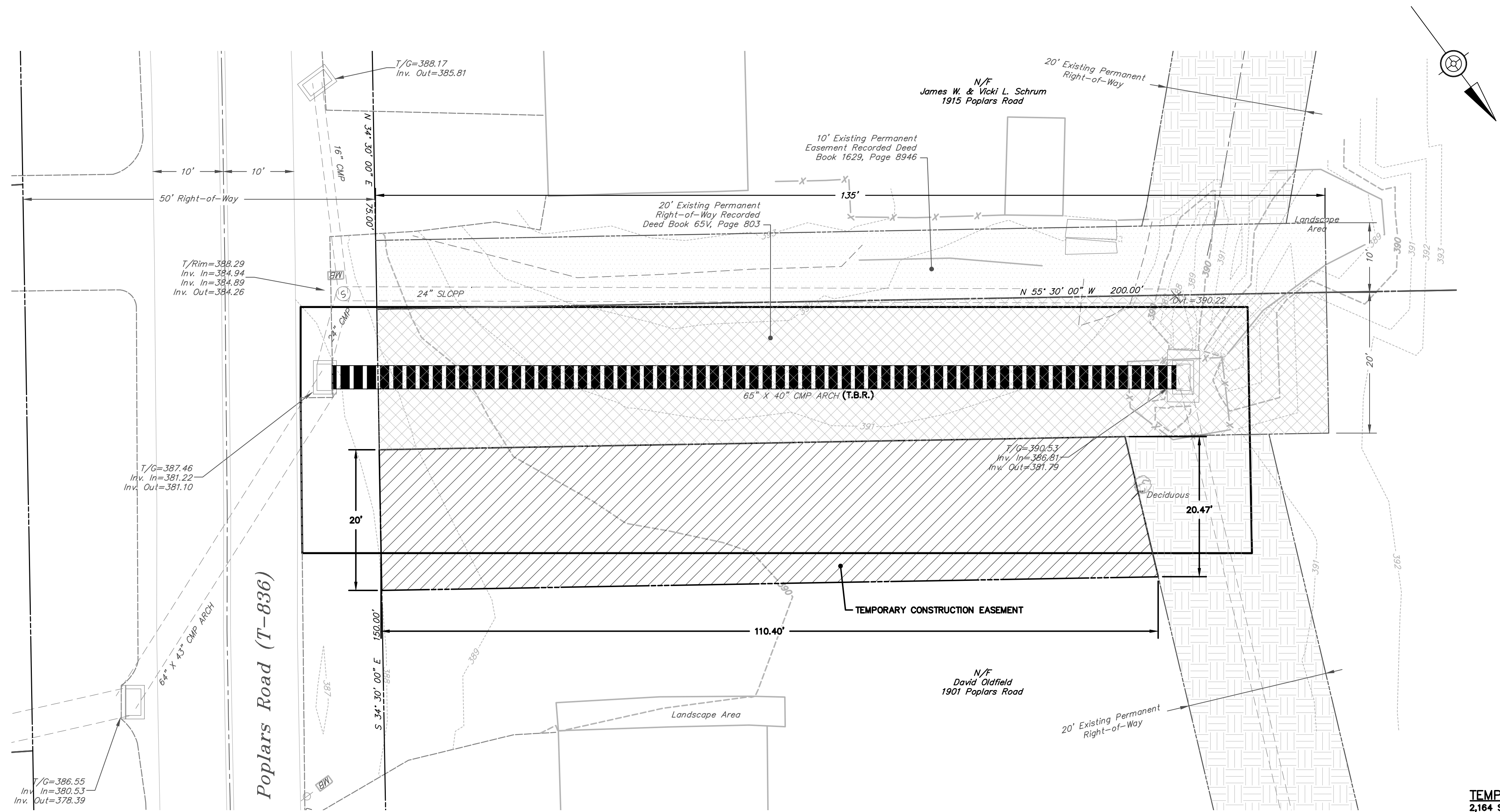
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SCALE: AS NOTED
DATE: 07/11/2024
DWG. NO. 161958200_SESC
FILE NO. 1619.5.82.00
SHEET NO.

2 OF 4



TEMPORARY CONSTRUCTION EASEMENT
2,164 SQ.FT.

LEGEND (Existing)

- | | |
|---|--|
| <p>DESCRIPTION</p> <p>———— Right-of-Way Line</p> <p>—— Road/Drive Centerline</p> <p>--- 000 --- Index Contour Line (5')</p> <p>----- 000 ----- Contour Line (1')</p> <p>--- BeD --- Soil Type/Boundary</p> <p>--- BeC --- Soil Type/Boundary</p> <p>□ Storm Sewer Inlet</p> <p>⊗ Deciduous Tree</p> | <p>DESCRIPTION</p> <p>—X—X— Fence</p> <p>===== Storm Sewer Line</p> <p>—S—S— Sanitary Sewer Line</p> <p>----- Edge of Stones</p> <p>▒ Building</p> <p>⊕ Utility Pole</p> <p>⊙ Sanitary Sewer Manhole</p> |
|---|--|

LEGEND (PROPOSED)

- DESCRIPTION
- ▄ STORM SEWER LINE

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| SHEET NO. | 3 OF 4 | | | | | | |

CONSTRUCTION SEQUENCE

- All earth disturbances, including but not limited to cuts and fills shall be done in accordance with the construction/erosion and sedimentation control plans.
A copy of the construction/erosion and sedimentation control plans must be available at the project site at all times. The engineer shall be notified of any changes to the construction/erosion and sedimentation control plans prior to the implementation of those changes.

Note:
The order of the above schedule is subject to change. Any changes should be made under direct supervision of the engineer. It is the responsibility of the contractor to contact the engineer 72 hours prior to construction and 72 hours prior to leaving the site.

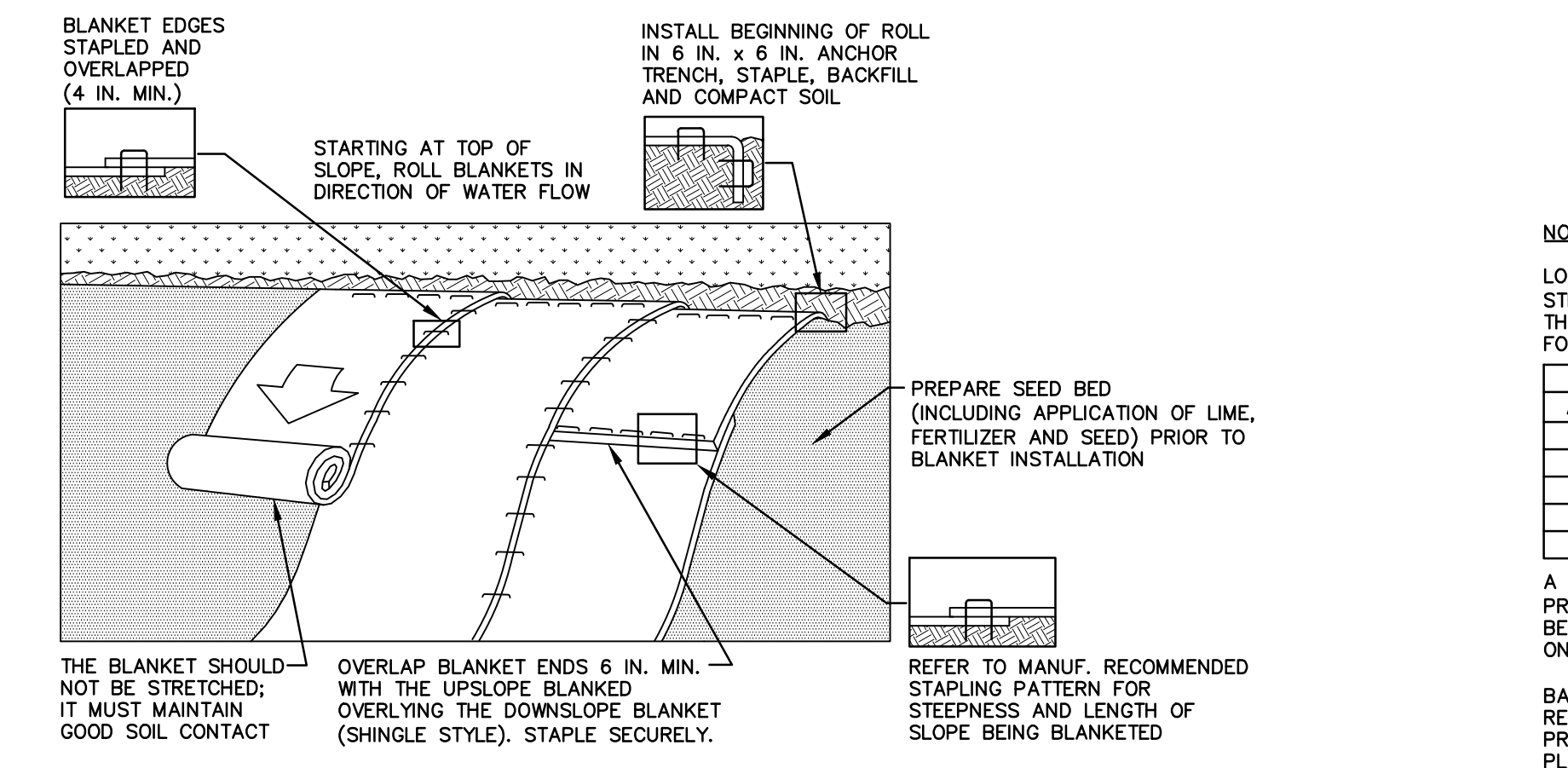
C.S. Davidson, Inc.
38 North Duke Street
York, PA 17401
(717) 846-4805

SOIL EROSION & SEDIMENTATION CONTROL NOTES

- A copy of the approved erosion and sediment control plan must be available at the project site at all times. The local conservation district shall be notified of any changes to the approved plan prior to implementation of those changes. The District may require a written submittal of those changes for review and approval at its discretion.
Immediately upon discovering unforeseen circumstances posing the potential for accelerated erosion and/or sediment pollution, the operator shall implement appropriate best management practices to minimize the potential for erosion and sediment pollution and notify the local conservation district and/or the regional office of the Department.

SOIL LIMITATION AND RESOLUTIONS

- Areas to be filled are to be cleared, grubbed, and stripped of topsoil to remove trees, vegetation, roots, and other objectionable material.
All fills shall be compacted and as required to reduce erosion, slippage, settlement, or other related problems. Fill intended to support buildings, structures and conduits, etc. shall be compacted in accordance with local requirements or codes.



NOTES:
SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.
PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.
SLOPE SURFACE SHALL BE FREE OF ROCKS, CLOUDS, STICKS, AND GRASS.

STABILIZATION SPECIFICATIONS

- Upon temporary cessation of an earth disturbance activity or any stage or phase of an activity where a cessation of earth disturbance activities will exceed 4 days, the site shall be immediately seeded, mulched, or otherwise protected from accelerated erosion and sedimentation pending future earth disturbance activities.
Permanent stabilization is defined as a minimum uniform, perennial 70% vegetative cover or other permanent non-vegetative cover with a density sufficient to resist accelerated surface erosion and subsurface characteristics sufficient to resist slumping, sliding, or other movements.

MAINTENANCE PROGRAM

- Until the site is stabilized, all erosion and sediment BMPs shall be maintained properly. Maintenance shall include inspections of all erosion and sediment BMPs after each runoff event and on a weekly basis. All preventative and remedial maintenance work, including clean out, repair, replacement, regrading, reseeding, re-mulching and renetting must be performed immediately.
A log showing details that E&S BMPs were inspected as well as any deficiencies found and the date they were corrected shall be maintained on the site and be made available to regulatory agency officials at the time of inspection.

SOIL EROSION & SEDIMENTATION CONTROL SEEDING RESTORATION TABLE

Table with columns: RESTORATION CONDITION, TOPSOIL, LIME*, BASIC FERTILIZER, STARTER FERTILIZER, SEED MIX & SOWING RATE (% BY WEIGHT), (% BY VOLUME)

Mulch immediately after temporary and permanent seeding by placing hay and straw mulch in a continuous blanket at a minimum rate of 1,200 pounds per 1,000 square yards.

SOIL TYPE LEGEND

UgB URBAN LAND-PENN COMPLEX, 0 TO 8 PERCENT SLOPES

SOIL LIMITATIONS AND RESOLUTIONS

Table with columns: SOIL, LIMITATION, RESOLUTION

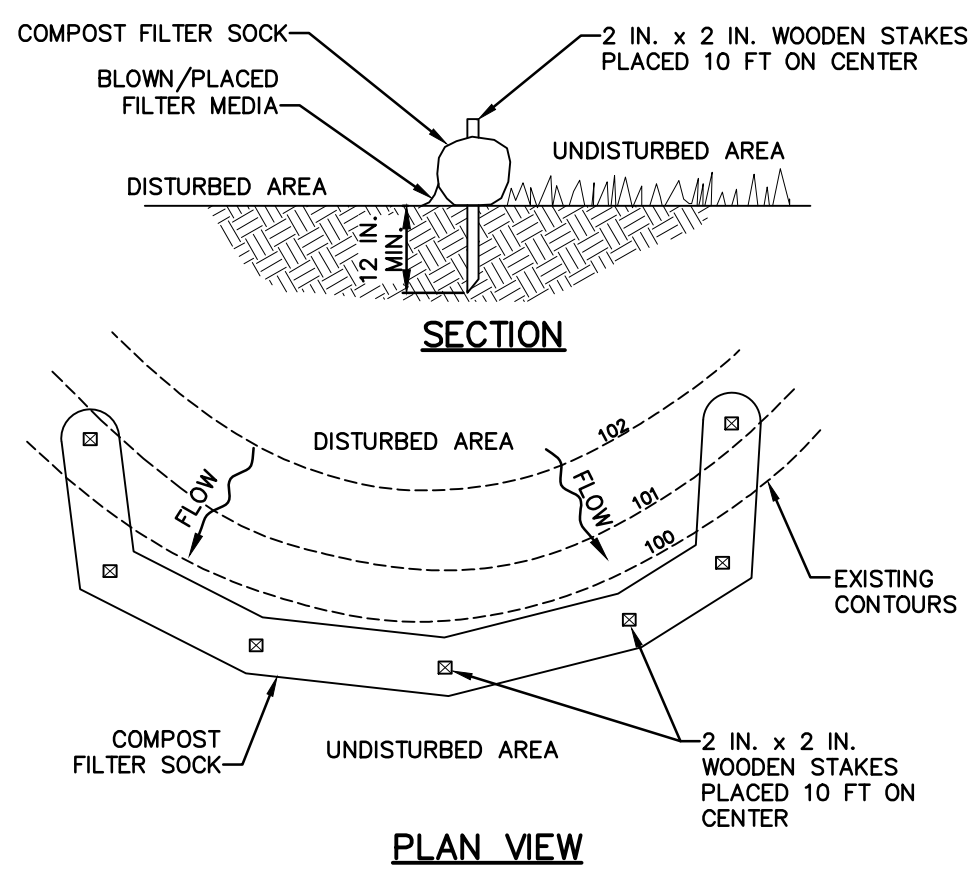


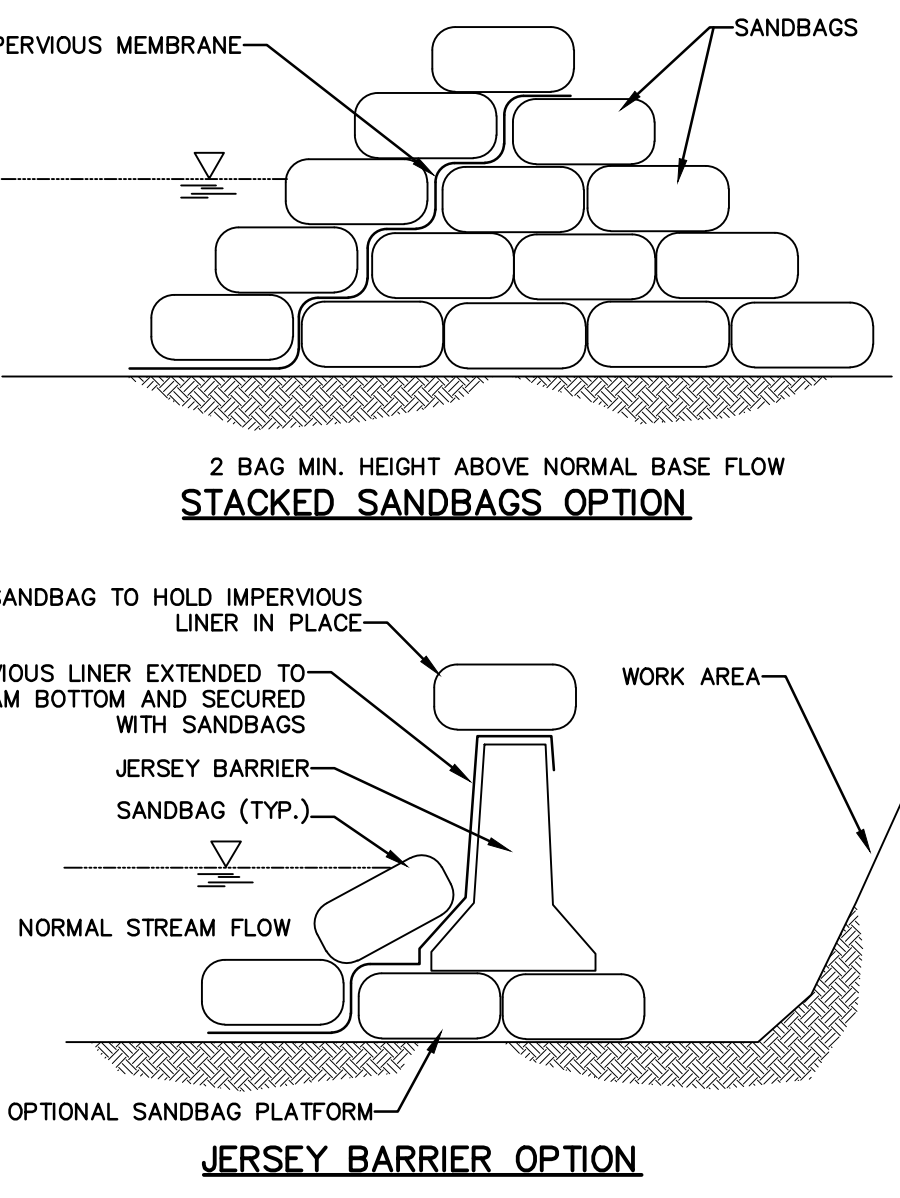
TABLE 4.1 Compost Sock Fabric Minimum Specifications
Table with columns: Material Type, Material Characteristics, Sock Diameters, Mesh Opening, Tensile Strength, etc.

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.

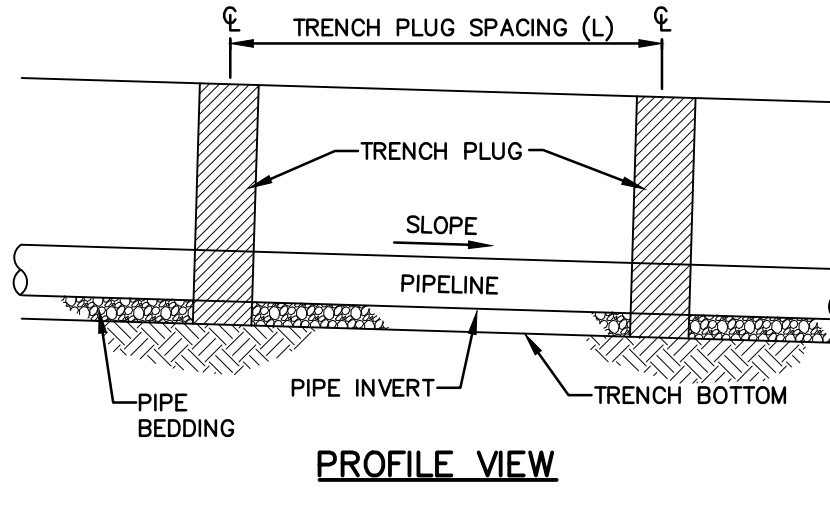
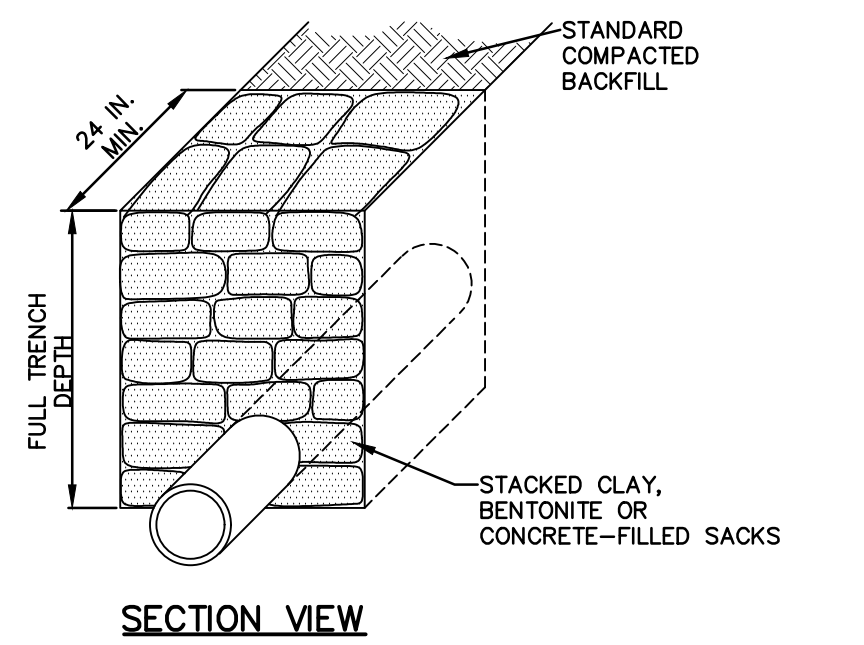
TABLE 4.2 Compost Standards
Table with columns: Organic Matter Content, Organic Portion, Moisture Content, Particle Size, Soluble Salt Concentration

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 MANUFACTURERS SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

STANDARD CONSTRUCTION DETAIL #4-1 COMPOST FILTER SOCK



STANDARD CONSTRUCTION DETAIL #3-15 SANDBAG DIVERSION DAM OR COFFERDAM



PA DEP EROSION CONTROL MANUAL TABLE 13.1 MAXIMUM SPACING AND MATERIALS FOR TRENCH PLUGS

Table with columns: TRENCH SLOPE (%), SPACING L (FT), PLUG MATERIAL

NOTES:
IMPERVIOUS TRENCH PLUGS ARE REQUIRED FOR ALL STREAM, RIVER, WETLAND, OR OTHER WATER BODY CROSSINGS.

STANDARD CONSTRUCTION DETAIL #13-4 TRENCH PLUG INSTALLATION

DOVER TOWNSHIP

E&S NOTES AND DETAILS

POPLARS ROAD CULVERT REPLACEMENT



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