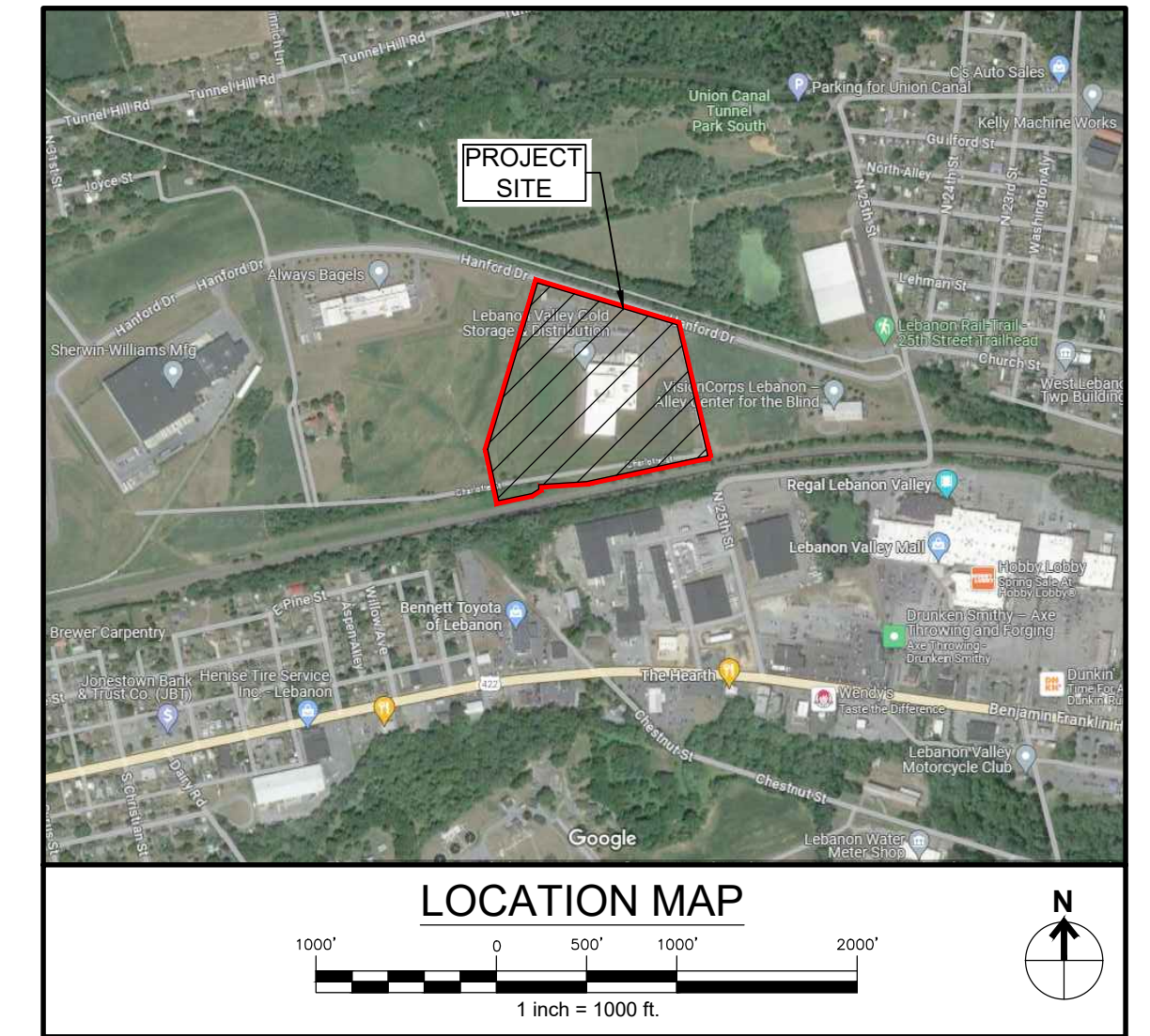




SERIAL NUMBER: 20232612353 (NORTH LEBANON TWP)  
DATE: 09/18/23

# PRELIMINARY/FINAL LAND DEVELOPMENT PLAN FOR SUNNY LANE FOODS SCOUT COLD LOGISTICS, LLC

LOCATED IN  
NORTH LEBANON TOWNSHIP  
LEBANON COUNTY PENNSYLVANIA  
FEBRUARY 26, 2024



(1) PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. REQUESTED THE LINE AND FACILITY INFORMATION PRESCRIBED BY SECTION 2, CLAUSE (4) FROM A ONE CALL SYSTEM NOT LESS THAN TEN NOR MORE THAN NINETY WORKING DAYS BEFORE FINAL DESIGN IS TO BE COMPLETED.  
(2) PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. SHOWN UPON THE DRAWING(S) THE POSITION AND TYPE OF EACH FACILITY OWNERS LINE, DERIVED PURSUANT TO THE REQUEST MADE AS REQUIRED BY SECTION 4, CLAUSE (2), AND THE NAME OF THE FACILITY OWNER, AND THE FACILITY OWNERS DESIGNATED OFFICE ADDRESS AND THE TELEPHONE NUMBER AS SHOWN ON THE LIST REFERRED TO IN SECTION 3.  
(3) PURSUANT TO SECTION 4, CLAUSE (4) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. MADE A REASONABLE EFFORT TO PREPARE THE CONSTRUCTION DRAWING(S) TO AVOID DAMAGE TO AND MINIMIZE INTERFERENCE WITH A FACILITY OWNERS FACILITIES IN THE CONSTRUCTION AREA BY MAINTAINING AN EIGHTEEN-INCH CLEARANCE OF THE FACILITY OWNERS FACILITIES WHERE POSSIBLE.  
(4) PURSUANT TO SECTION 4, CLAUSE (5) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. SHALL BE DEEMED TO HAVE MET THE OBLIGATIONS OF CLAUSE (2) BY CALLING A ONE CALL SYSTEM AND SHOWING AS PROOF THE SERIAL NUMBER OF THE ONE CALL NOTICE ON THE DRAWING(S). NORTH LEBANON TOWNSHIP, LEBANON COUNTY ID NO. 20232612353.

AND STECKBECK ENGINEERING & SURVEYING, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST AND AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE, BUT STECKBECK ENGINEERING & SURVEYING, INC. IS REFLECTING SAID INFORMATION ON THESE DRAWINGS ONLY DUE TO THE REQUIREMENTS OF THE SAID ACT 187, DECEMBER 19, 1996.

WINDSTREAM  
1450 CENTER POINT ROAD  
HIAWATHA, IA 52233  
CONTACT: LOCATE DESK PERSONNEL  
EMAIL: LOCATE.DESK@WINDSTREAM.COM  
PHONE: 800-289-1901

VERIZON PENNSYLVANIA, LLC  
1026 HAY STREET  
PITTSBURGH, PA 15221  
CONTACT: DEBORAH BARUM  
PHONE: 412-344-3901

NORTH LEBANON TOWNSHIP  
725 KIMMERLINGS ROAD  
LEBANON, PA 17046  
CONTACT: OFFICE PERSONNEL  
EMAIL: PHONE: 171-273-7132

FIRSTENERGY CORPORATION  
21 S. MAIN STREET  
AKRON, OH 44308  
CONTACT: MELLYSSA ADAMS  
EMAIL: MADAMS@FIRSTENERGYCORP.COM  
PHONE: 610-807-3174

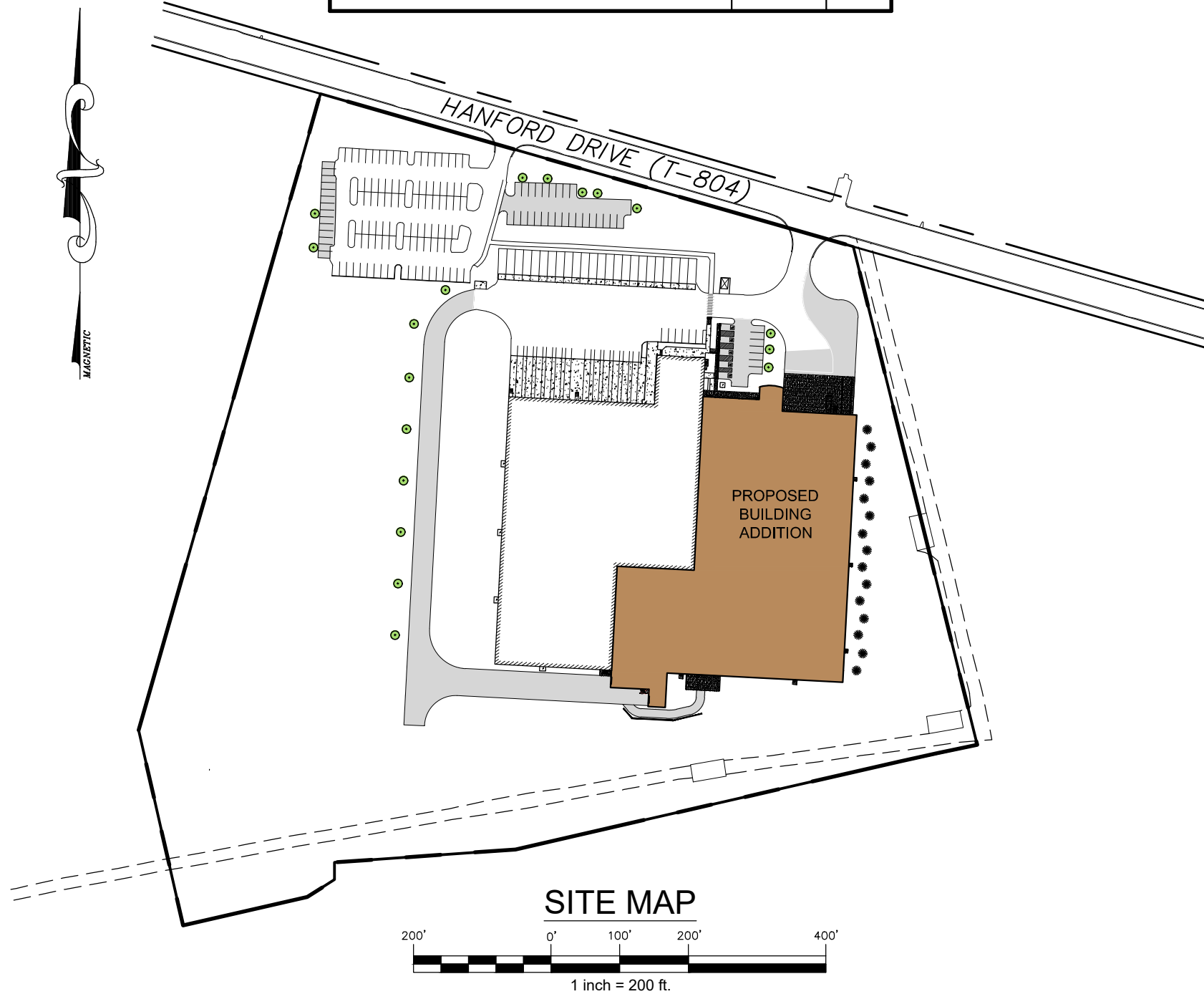
COMCAST CABLE LEBANON  
C/O USIC LOCATING SERVICES, INC.  
16085 HAMILTON CROSSING  
CARMEL, IN 46032  
CONTACT:USIC OFFICE PERSONNEL  
PHONE: 800-811-7981

CITY OF LEBANON AUTHORITY  
2311 RIDGEVIEW ROAD  
LEBANON, PA 17042  
CONTACT: BOB SENTZ  
EMAIL: BESENTZ@LEBANONAUTHORITY.ORG  
PHONE: 717-272-2841

LUMEN FORMERLY LEVEL 3  
1025 ELDORADO BLVD  
BROOMFIELD, CO 80021  
CONTACT: LUMEN OPERATOR PERSONNEL  
EMAIL: RELOCATIONS@LUMEN.COM  
PHONE: 877-366-8344 EXT. 3

UGI UTILITIES INC.  
1301 AIP DRIVE  
MIDDLETOWN, PA 17057  
CONTACT: STEPHEN BATEMAN  
EMAIL: SBATEMAN@UGI.COM  
PHONE: 610-807-3174

REVISION	DATE	BY



**SESI**  
Steckbeck Engineering & Surveying Inc.  
279 North Zinns Mill Road / Suite A  
Lebanon, Pennsylvania 17042  
Phone: (717) 272-7110  
Fax: (717) 272-7348

DRAWING LIST TABLE	
Sheet Number	Sheet Title
1	COVER SHEET
2	NOTES
3	EXISTING CONDITIONS
4	DEMOLITION PLAN
5	LAYOUT PLAN
6	EASEMENT PLAN
7	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
8	POST CONSTRUCTION STORMWATER MANAGEMENT NOTES
9	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
10	POST CONSTRUCTION STORMWATER MANAGEMENT BASIN OUTLET DETAILS
11	GRADING PLAN
12	UTILITY PLAN
13	LANDSCAPING PLAN
14	LIGHTING PLAN
15	PROFILES
16	DETAILS
17	DETAILS
18	EROSION & SEDIMENTATION POLLUTION CONTROL PLAN
19	EROSION & SEDIMENTATION POLLUTION CONTROL NOTES
20	EROSION & SEDIMENTATION POLLUTION CONTROL DETAILS
21	EROSION & SEDIMENTATION POLLUTION CONTROL DETAILS

\* SHEETS 1-10 TO BE RECORDED

### OWNER

SCOUT COLD STORAGE LEBANON HANFORD, LLC  
4686 UNIVERSITY DRIVE  
COLLEGE DALE, TN. 37363  
CONTACT: TOM DIPIRRO  
EMAIL: TOMDIPIRRO@SCOUTCOLD.COM  
PHONE: (201)-376-1769

### OCCUPANT

SUNNY LANE FOODS & BAKERY, LLC  
2750 HANFORD DRIVE  
LEBANON, PA. 17042  
CONTACT: TODD LANGE  
PHONE: (717)-202-0415

### SOURCE OF TITLE

DEED BOOK: 2335 PAGE: 5926  
PIN: 27-2327941-371036-0000  
SITE AREA: 22.83 AC.

### SITE ADDRESS

2750 HANFORD DRIVE  
LEBANON, PA. 17042

### ZONING COMPLIANCE CHART

NORTH LEBANON TOWNSHIP  
ZONING DISTRICT: "I" INDUSTRIAL ZONING DISTRICT

	REQUIRED
LOT AREA	2 ACRES
LOT WIDTH	200'
LOT COVERAGE	50%
FRONT YARD SETBACK	100'
SIDE YARD SETBACK	20' (EACH SIDE)
REAR YARD SETBACK	30'
BUILDING HEIGHT	75'

### SITE DATA

SITE AREA	22.83 Acres
SITE ZONING	INDUSTRIAL (I)
EXISTING USE	MANUFACTURING
PROPOSED USE	MANUFACTURING
SOURCE OF WATER	PUBLIC
SOURCE OF SEWER	PUBLIC
SITE ADDRESS	2750 HANFORD DRIVE, LEBANON COUNTY RESIDUAL
STORMWATER MANAGEMENT DISTRICT	LEBANON COUNTY RESIDUAL

### PARKING DATA

- 1 SPACE FOR EVERY 1 EMPLOYEE ON THE LARGEST SHIFT.
- 1 SPACE PER 200 S.F. OF EXECUTIVE OFFICE FLOOR AREA.
- EMPLOYEES: 115
- OFFICE AREA: 5,000 S.F. = 25 SPACES
- 140 REQUIRED PARKING SPACES
- 162 PROPOSED PARKING SPACES PROVIDED

BMP/OUTFALL LOCATIONS		
BMP	LATITUDE	LONGITUDE
BASIN 1	40° 20' 34.49"	76° 27' 38.84"
BASIN 2	40° 20' 35.28"	76° 27' 27.74"

### NORTH LEBANON TOWNSHIP BOARD OF SUPERVISORS REVIEW CERTIFICATE

AT A MEETING HELD ON \_\_\_\_\_, 2024, THE BOARD OF SUPERVISORS OF NORTH LEBANON TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA APPROVED THE LAND DEVELOPMENT PLAN OF THE PROPERTY AS SHOWN HEREON.

REVIEWED & APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

REVIEWED & APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

REVIEWED & APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

### NORTH LEBANON TOWNSHIP PLANNING COMMISSION REVIEW CERTIFICATE

AT A MEETING HELD ON \_\_\_\_\_, 2024, THE NORTH LEBANON TOWNSHIP PLANNING COMMISSION REVIEWED THIS PLAN.

CHAIRMAN \_\_\_\_\_ SECRETARY \_\_\_\_\_

### OWNERS CERTIFICATION AND ACKNOWLEDGMENT

COMMONWEALTH OF PENNSYLVANIA )  
COUNTY OF \_\_\_\_\_ )

ON THIS, THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 2024, BEFORE ME, A NOTARY PUBLIC, THE UNDERSIGNED OFFICER, PERSONALLY APPEARED

KNOWN TO ME (OR SATISFACTORILY PROVEN) TO BE THE PERSON(S) WHO BEING DULY SWORN ACCORDING TO LAW, DEPOSE AND SAY THAT HE/THEY ARE THE OWNERS OF THE PROPERTY SHOWN ON THIS PLAN, THAT THE PLAN THEREOF WAS MADE AT HIS/THEIR DIRECTION, THAT HE/THEY ACKNOWLEDGE THE SAME TO BE HIS/THEIR ACT AND PLAN AND DESIRES THE SAME TO BE RECORDED, AND THAT ALL STREETS AND OTHER PROPERTY IDENTIFIED AS PROPOSED PUBLIC PROPERTY (EXCEPTING THOSE AREAS LABELED "NOT FOR DEDICATION") ARE HEREBY DEDICATED TO PUBLIC USE, AND THAT ALL STORM WATER MANAGEMENT FACILITIES ARE TO BE PERMANENT FIXTURES THAT CAN BE ALTERED OR REMOVED ONLY AFTER APPROVAL OF A REVISED PLAN BY NORTH LEBANON TOWNSHIP.

SCOUT COLD STORAGE LEBANON HANFORD, LLC \_\_\_\_\_ DATE \_\_\_\_\_

NOTARY PUBLIC \_\_\_\_\_

### ENGINEER'S CERTIFICATION

I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE, THE STORM WATER MANAGEMENT FACILITIES SHOWN AND DESCRIBED HEREON ARE DESIGNED IN CONFORMANCE WITH THE NORTH LEBANON TOWNSHIP SUBDIVISION AND LAND DEVELOPMENT ORDINANCE.

STEPHEN A. SHERK, P.E. \_\_\_\_\_ DATE \_\_\_\_\_

### SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY, TO THE BEST OF MY KNOWLEDGE, THAT THE SURVEY AND PLAN SHOWN AND DESCRIBED HEREON IS TRUE AND CORRECT TO THE ACCURACY REQUIRED BY THE NORTH LEBANON TOWNSHIP SUBDIVISION AND LAND DEVELOPMENT ORDINANCE.

JASON E. CHERNICH, P.L.S. \_\_\_\_\_ DATE \_\_\_\_\_

### LEBANON COUNTY PLANNING DEPARTMENT

THIS PLAN REVIEWED BY THE LEBANON COUNTY PLANNING DEPARTMENT THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

EXECUTIVE DIRECTOR \_\_\_\_\_

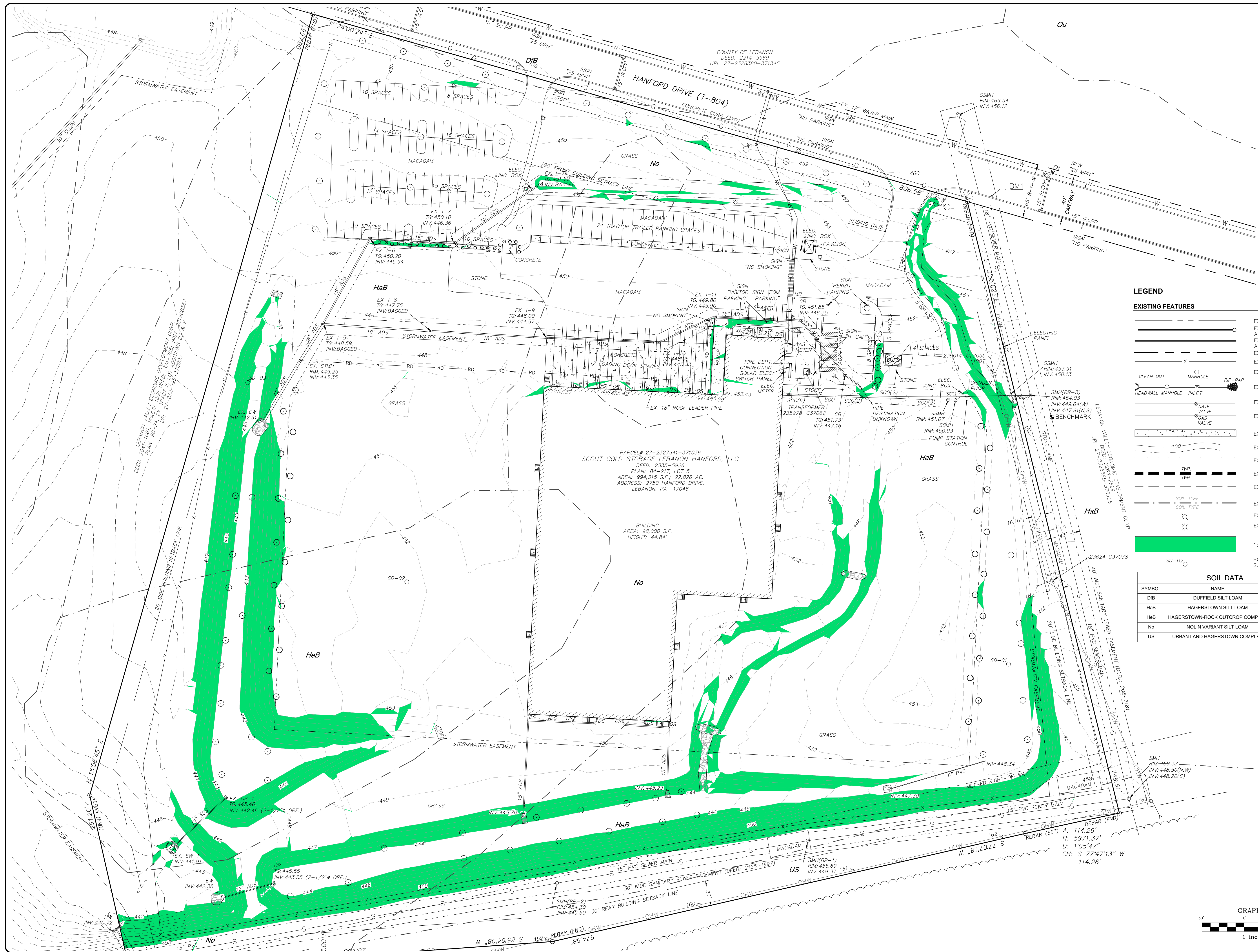
### NORTH LEBANON TOWNSHIP ENGINEER

REVIEWED \_\_\_\_\_

### RECORDER OF DEEDS

RECORDED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_  
IN THE OFFICE FOR RECORDING OF DEEDS, ETC. IN AND FOR THE COUNTY OF LEBANON, PENNSYLVANIA, IN PLAN BOOK \_\_\_\_\_ PAGE \_\_\_\_\_





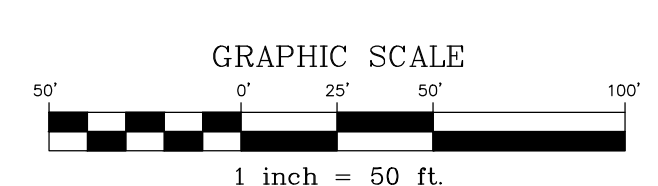
**LEGEND**

**EXISTING FEATURES**

- EXISTING ADJOINER LINE
- EXISTING BOUNDARY LINE AND CORNERS
- EXISTING EDGE OF PAVEMENT AND CURB LINE
- EXISTING RIGHT-OF-WAY
- EXISTING FENCE
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING WATERLINE
- EXISTING GASLINE
- EXISTING SIDEWALK/CONCRETE
- EXISTING CONTOURS
- EXISTING TRENLINE
- EXISTING ZONING BOUNDARY
- EX. BUILDING SETBACK LINES
- EXISTING SOILS
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- 15+ SLOPES
- POTENTIAL SURFACE DEPRESSION

**SOIL DATA**

SYMBOL	NAME	SLOPE	HSG
DB	DUFFIELD SILT LOAM	3-8%	B
HaB	HAGERSTOWN SILT LOAM	3-8%	B
HeB	HAGERSTOWN-ROCK OUTCROP COMPLEX	3-8%	B
No	NOLIN VARIANT SILT LOAM		B
US	URBAN LAND HAGERSTOWN COMPLEX		B



REVISION	DATE	BY

**EXISTING CONDITIONS**

**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania

HESI  
 Hagerstown Engineering & Surveying, Inc.  
 279 Lebanon, Pennsylvania 17042  
 Phone: (717) 272-7110  
 Fax: (717) 272-7348

FIELD CREW: MOD,JEC  
 BASE MAP: JEC  
 DRAWN: CDS  
 DESIGN: CDS  
 CHECKED: SAS  
 DATE: 02/26/24  
 SCALE: 1" = 50'  
 PROJECT #2368-23-001



### LEGEND

**EXISTING FEATURES**

- EXISTING ADJOINER LINE
- EXISTING BOUNDARY LINE AND CORNERS
- EXISTING EDGE OF PAVEMENT AND CURB LINE
- EXISTING RIGHT-OF-WAY
- EXISTING FENCE
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING WATERLINE
- EXISTING GASLINE
- EXISTING SIDEWALK/CONCRETE
- EXISTING CONTOURS
- EXISTING TREELINE
- EXISTING TOWNSHIP BOUNDARY
- EXISTING LIGHT POLE
- DEMO (TO BE REMOVED OR RELOCATED)

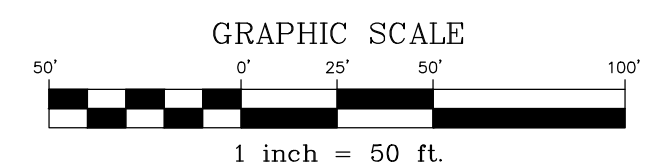
BY	DATE	REVISION

BY	DATE	REVISION

**DEMOLITION PLAN**

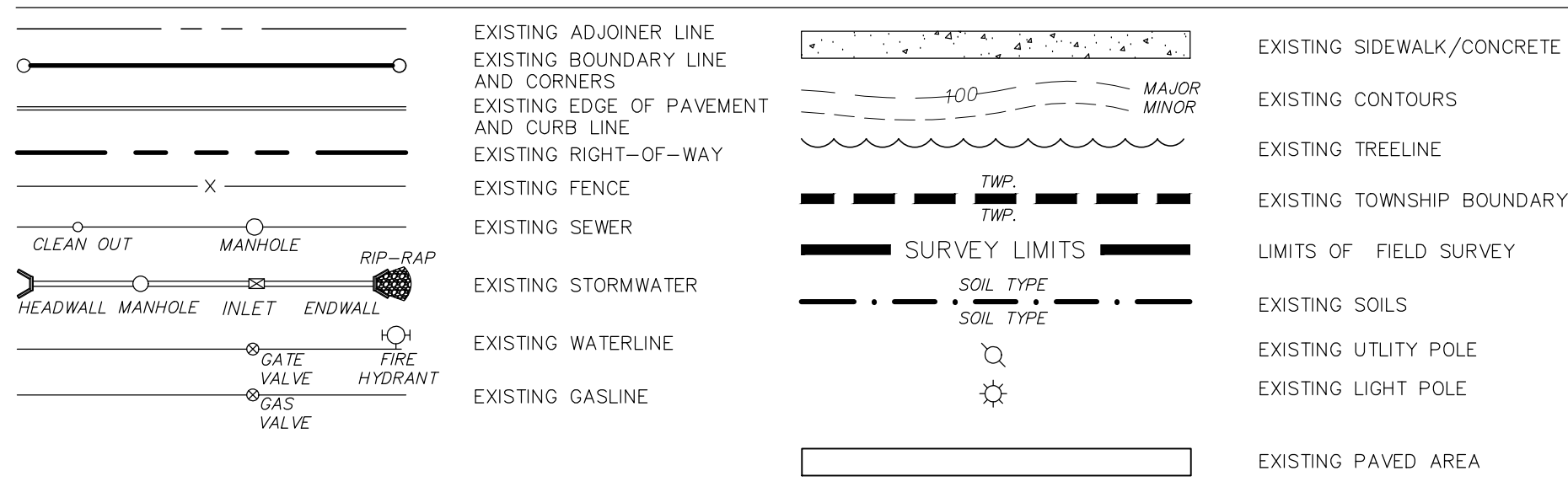
PRELIMINARY/FINAL LAND DEVELOPMENT PLANS  
For  
**SCOUT COLD LOGISTICS, LLC**  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania

FIELD CREW: MOD,JEC  
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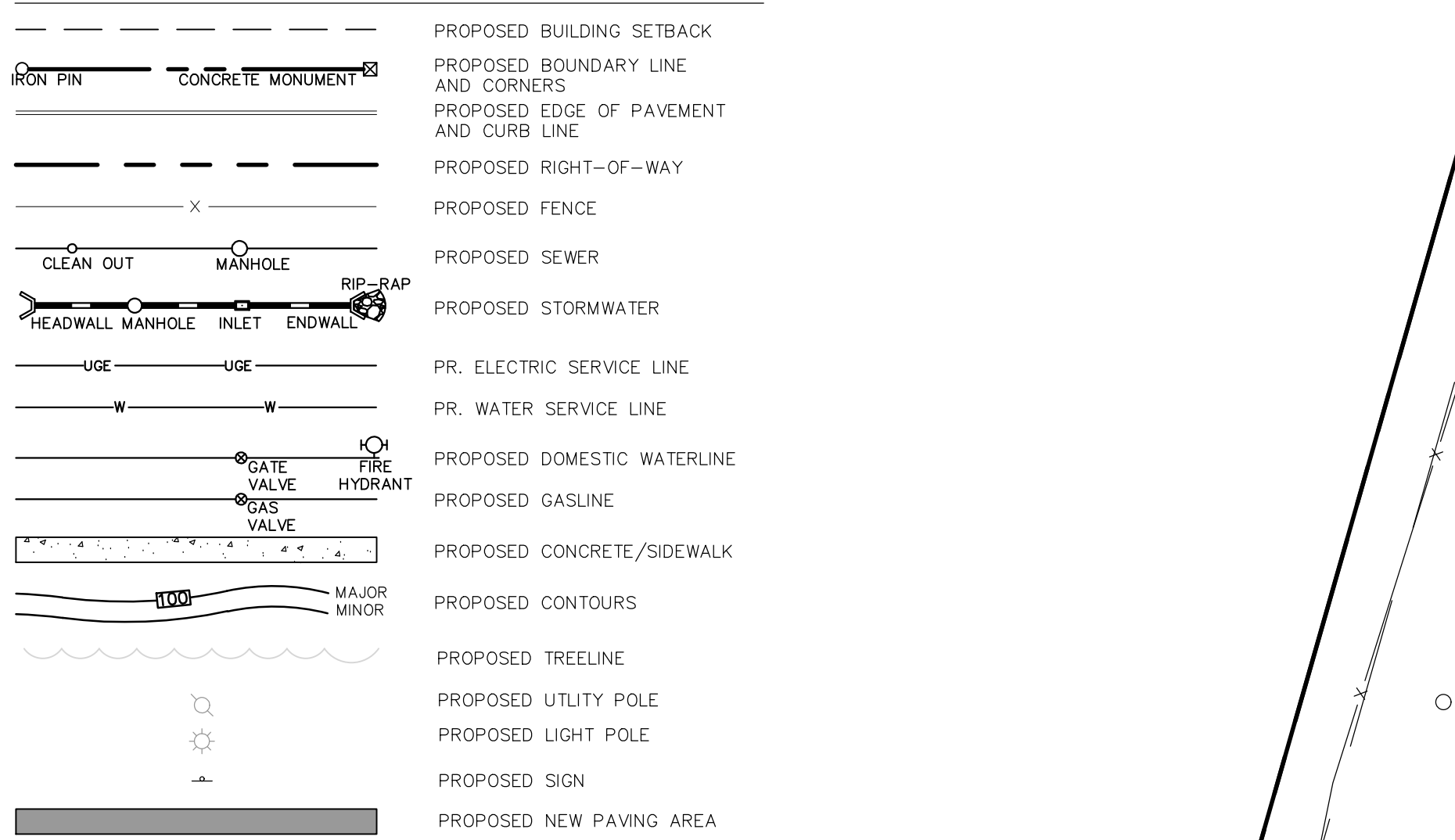


**LEGEND**

**EXISTING FEATURES**

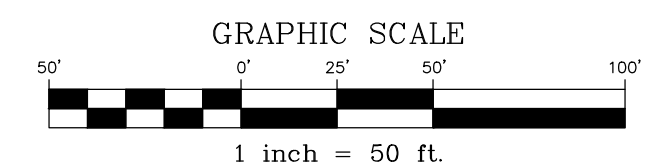
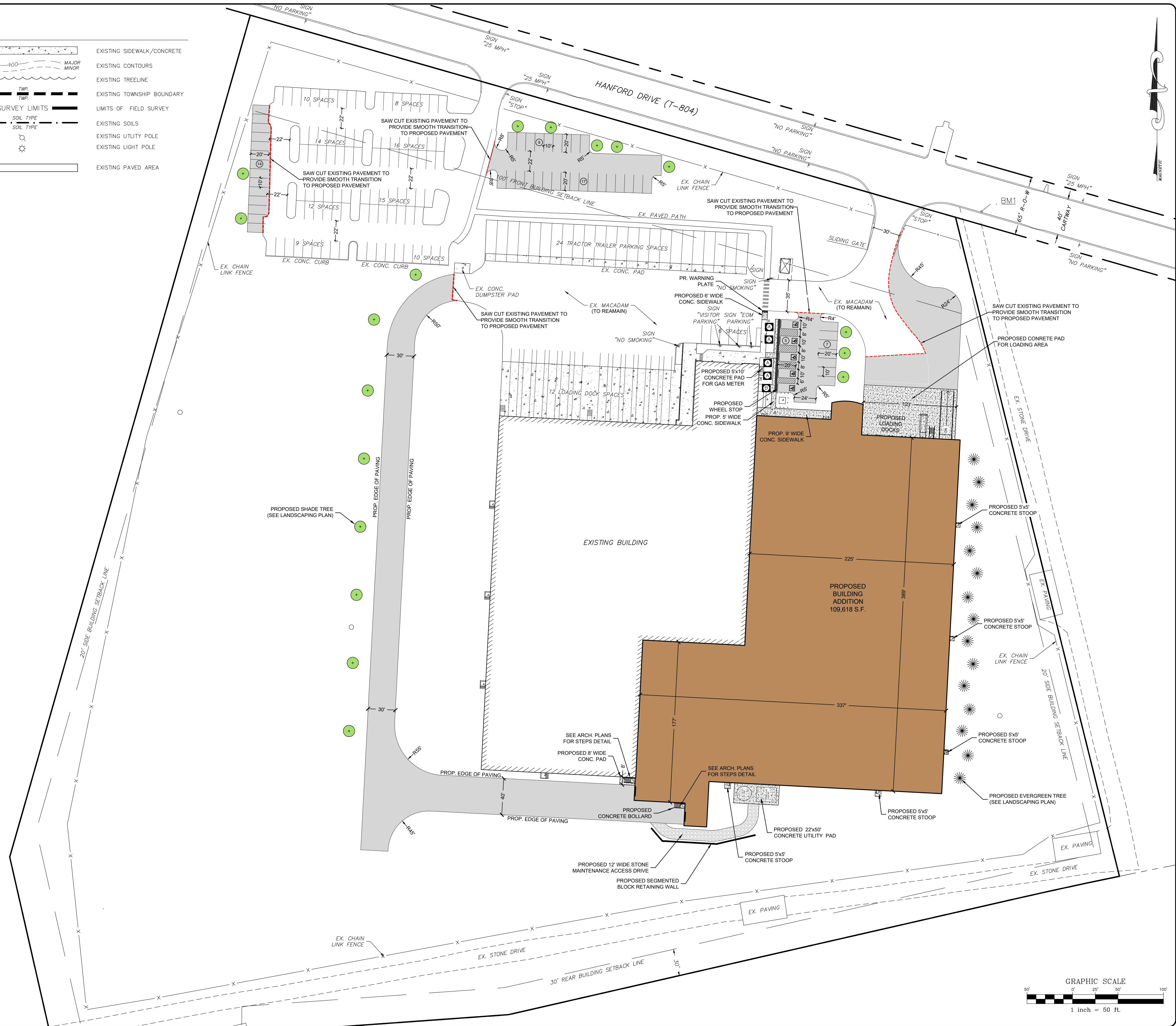


**PROPOSED FEATURES**



**SIGNAGE LEGEND**

SYMBOL	DESCRIPTION	SIZE	PA DOT DESIG.
	HANDICAP SIGN WITH VAN ACCESSIBLE SIGN	12X18 6X12	R7-8 R7-8B
	HANDICAP SIGN	12X18	R7-8



BY	
DATE	
REVISION	





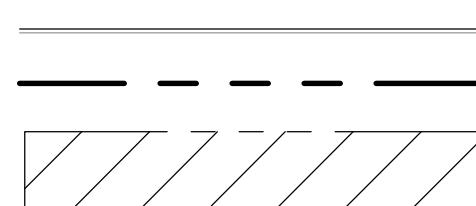
DATE	
REVISION	

**LAYOUT PLAN**  
 PRELIMINARY/FINAL LAND DEVELOPMENT PLANS  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania





FIELD CREW:	MOD,JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	1" = 50'
PROJECT #	2368-23-001

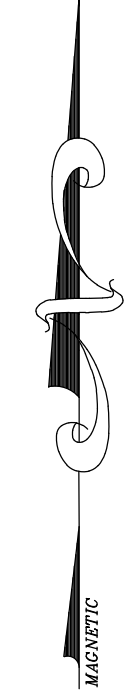
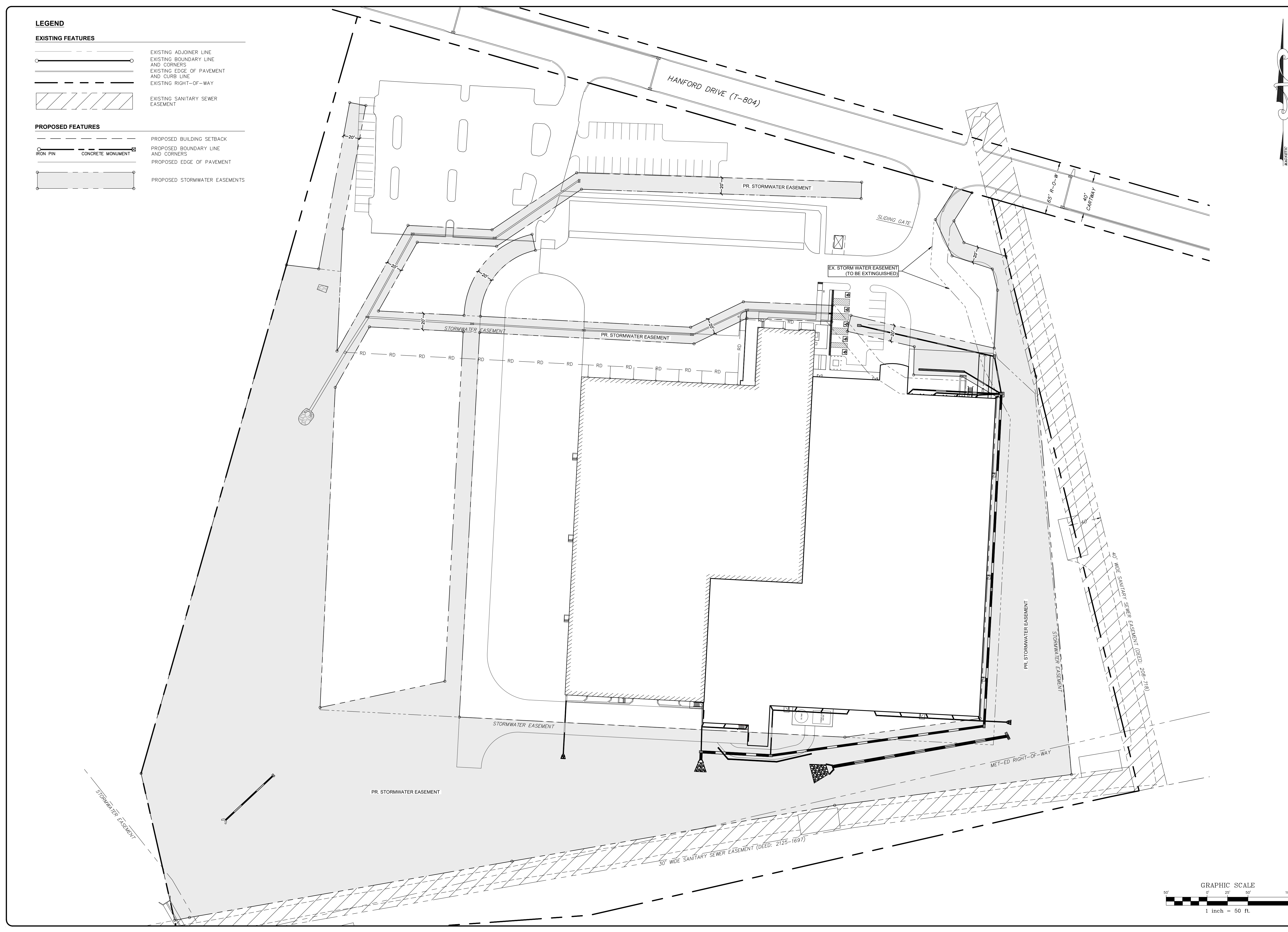
**LEGEND**

**EXISTING FEATURES**

-  EXISTING ADJONER LINE
-  EXISTING BOUNDARY LINE AND CORNERS
-  EXISTING EDGE OF PAVEMENT AND CURB LINE
-  EXISTING RIGHT-OF-WAY
-  EXISTING SANITARY SEWER EASEMENT

**PROPOSED FEATURES**

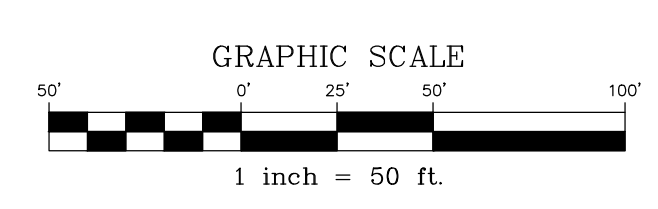
-  PROPOSED BUILDING SETBACK
-  PROPOSED BOUNDARY LINE AND CORNERS
-  PROPOSED EDGE OF PAVEMENT
-  PROPOSED STORMWATER EASEMENTS



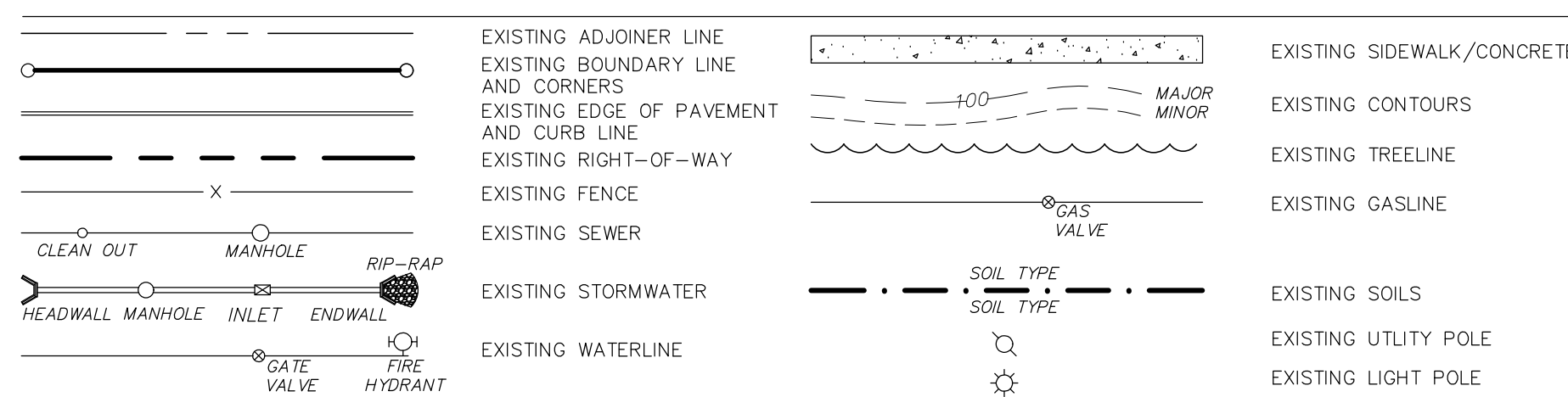
REVISION	DATE	BY

**EASEMENT PLAN**  
 For  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania

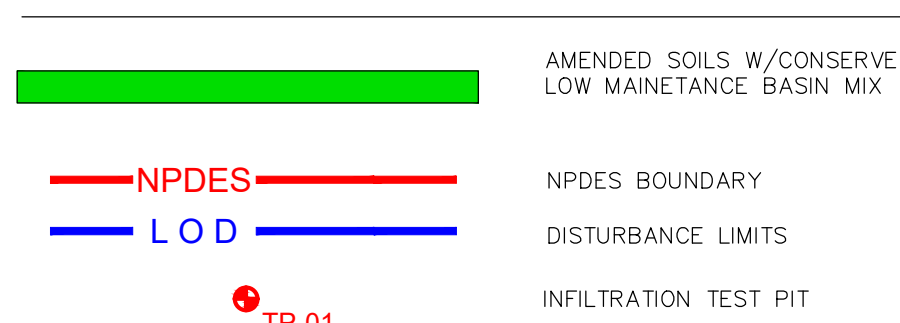
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BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	1" = 50'
PROJECT #	2368-23-001



**EXISTING FEATURES**



**PCSM FEATURES**



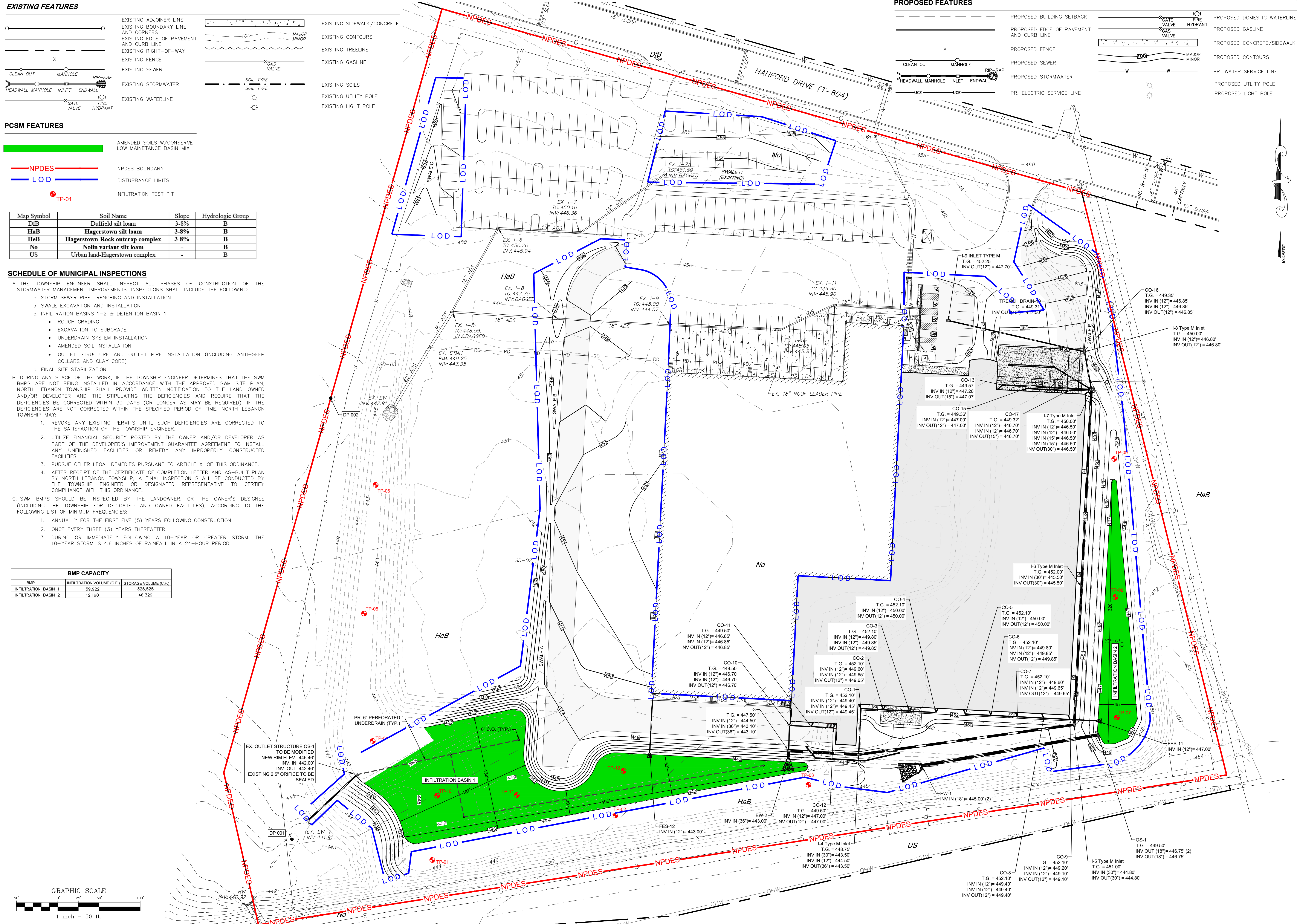
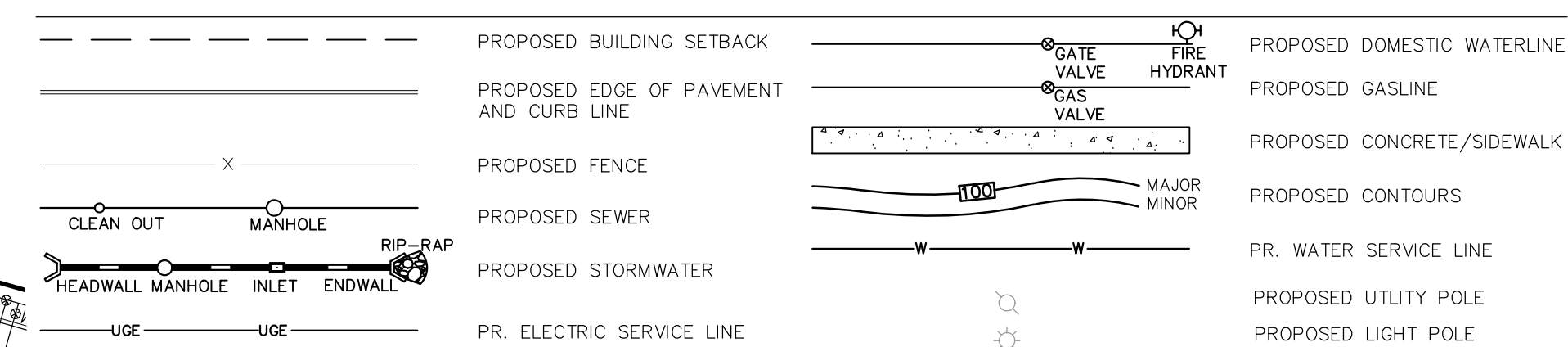
Map Symbol	Soil Name	Slope	Hydrologic Group
DfB	Duffield silt loam	3-8%	B
HaB	Hagerstown silt loam	3-8%	B
HeB	Hagerstown-Rock outcrop complex	3-8%	B
No	Nolin variant silt loam	-	B
US	Urban land-Hagerstown complex	-	B

**SCHEDULE OF MUNICIPAL INSPECTIONS**

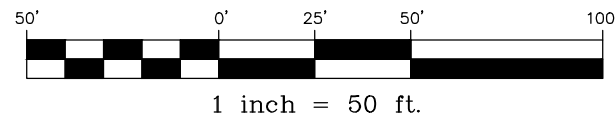
- A. THE TOWNSHIP ENGINEER SHALL INSPECT ALL PHASES OF CONSTRUCTION OF THE STORMWATER MANAGEMENT IMPROVEMENTS. INSPECTIONS SHALL INCLUDE THE FOLLOWING:
- STORM SEWER PIPE TRENCHING AND INSTALLATION
  - SWALE EXCAVATION AND INSTALLATION
  - INFILTRATION BASINS 1-2 & DETENTION BASIN 1
    - ROUGH GRADING
    - EXCAVATION TO SUBGRADE
    - UNDERDRAIN SYSTEM INSTALLATION
    - AMENDED SOIL INSTALLATION
    - OUTLET STRUCTURE AND OUTLET PIPE INSTALLATION (INCLUDING ANTI-SEEP COLLARS AND CLAY CORE)
  - FINAL SITE STABILIZATION
- B. DURING ANY STAGE OF THE WORK, IF THE TOWNSHIP ENGINEER DETERMINES THAT THE SWM BMPs ARE NOT BEING INSTALLED IN ACCORDANCE WITH THE APPROVED SWM SITE PLAN, NORTH LEBANON TOWNSHIP SHALL PROVIDE WRITTEN NOTIFICATION TO THE LAND OWNER AND/OR DEVELOPER AND THE STIPULATING THE DEFICIENCIES AND REQUIRE THAT THE DEFICIENCIES BE CORRECTED WITHIN 30 DAYS (OR LONGER AS MAY BE REQUIRED). IF THE DEFICIENCIES ARE NOT CORRECTED WITHIN THE SPECIFIED PERIOD OF TIME, NORTH LEBANON TOWNSHIP MAY:
- REVOKE ANY EXISTING PERMITS UNTIL SUCH DEFICIENCIES ARE CORRECTED TO THE SATISFACTION OF THE TOWNSHIP ENGINEER.
  - UTILIZE FINANCIAL SECURITY POSTED BY THE OWNER AND/OR DEVELOPER AS PART OF THE DEVELOPER'S IMPROVEMENT GUARANTEE AGREEMENT TO INSTALL ANY UNFINISHED FACILITIES OR REMEDY ANY IMPROPERLY CONSTRUCTED FACILITIES.
  - PURSUDE OTHER LEGAL REMEDIES PURSUANT TO ARTICLE XI OF THIS ORDINANCE.
  - AFTER RECEIPT OF THE CERTIFICATE OF COMPLETION LETTER AND AS-BUILT PLAN BY NORTH LEBANON TOWNSHIP, A FINAL INSPECTION SHALL BE CONDUCTED BY THE TOWNSHIP ENGINEER OR DESIGNATED REPRESENTATIVE TO CERTIFY COMPLIANCE WITH THIS ORDINANCE.
- C. SWM BMPs SHOULD BE INSPECTED BY THE LANDOWNER, OR THE OWNER'S DESIGNEE (INCLUDING THE TOWNSHIP FOR DEDICATED AND OWNED FACILITIES), ACCORDING TO THE FOLLOWING LIST OF MINIMUM FREQUENCIES:
- ANNUALLY FOR THE FIRST FIVE (5) YEARS FOLLOWING CONSTRUCTION.
  - ONCE EVERY THREE (3) YEARS THEREAFTER.
  - DURING OR IMMEDIATELY FOLLOWING A 10-YEAR OR GREATER STORM. THE 10-YEAR STORM IS 4.6 INCHES OF RAINFALL IN A 24-HOUR PERIOD.

BMP CAPACITY		
BMP	INFILTRATION VOLUME (C.F.)	STORAGE VOLUME (C.F.)
INFILTRATION BASIN 1	59,922	325,525
INFILTRATION BASIN 2	12,190	46,329

**PROPOSED FEATURES**



**GRAPHIC SCALE**



NO.	DATE	REVISION

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN  
PRELIMINARY/FINAL LAND DEVELOPMENT PLANS  
For  
**SCOUT COLD LOGISTICS, LLC**  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania

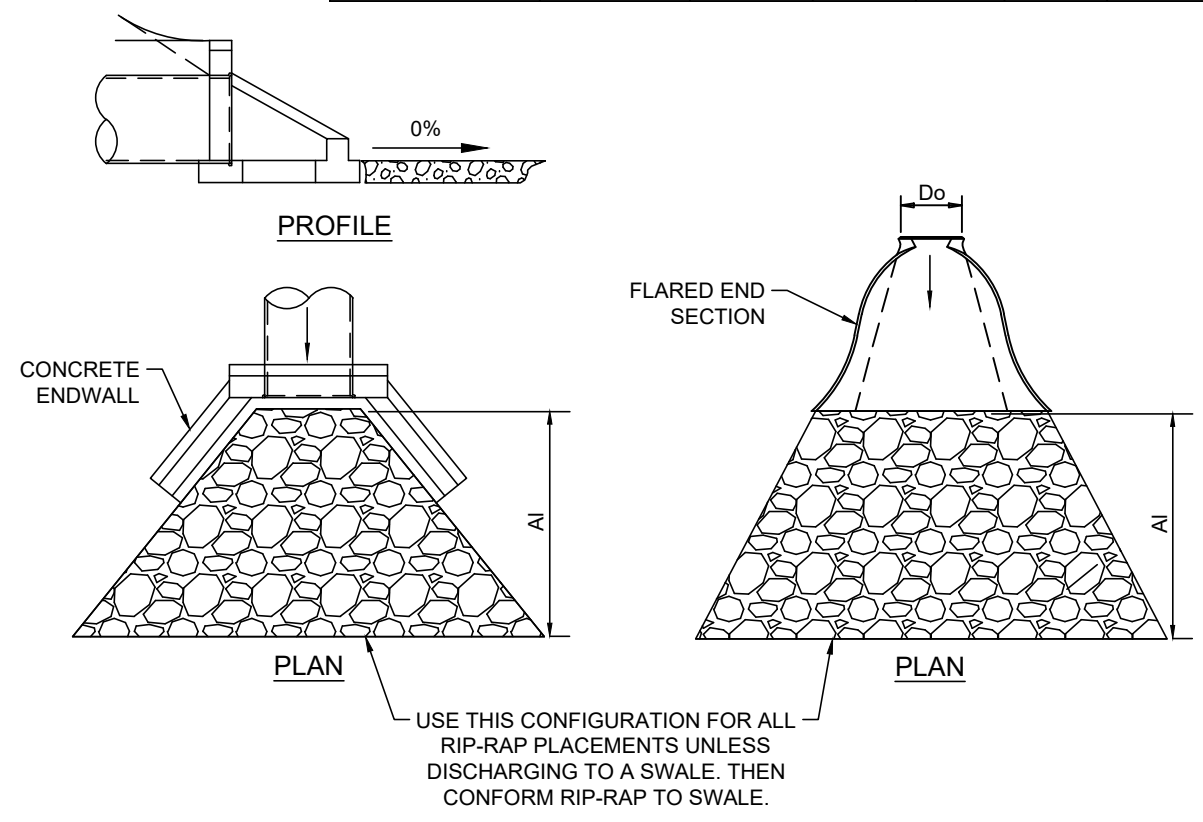
Steadbeck Engineering & Surveying, Inc.  
279 Lebanon, Pennsylvania 17042  
Phone: (717) 272-7110  
Fax: (717) 272-7348

FIELD CREW: MOD,JEC  
BASE MAP: JEC  
DRAWN: CDS  
DESIGN: CDS  
CHECKED: SAS  
DATE: 02/26/24  
SCALE: 1" = 50'  
PROJECT # 2368-23-001

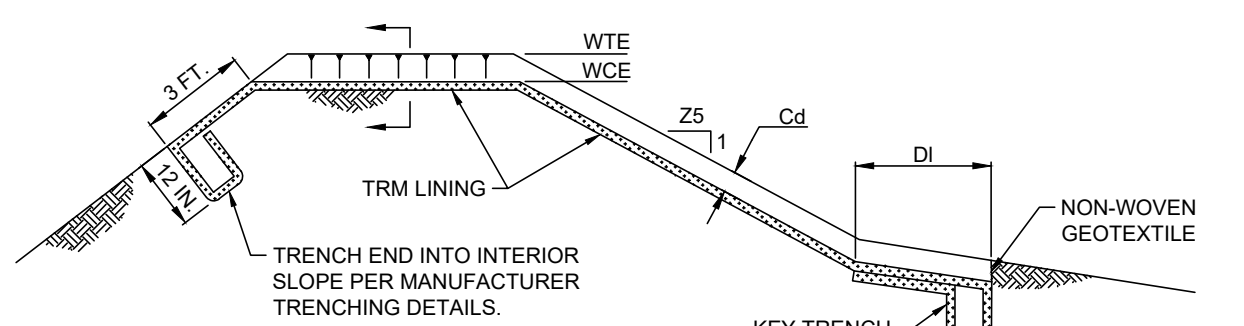




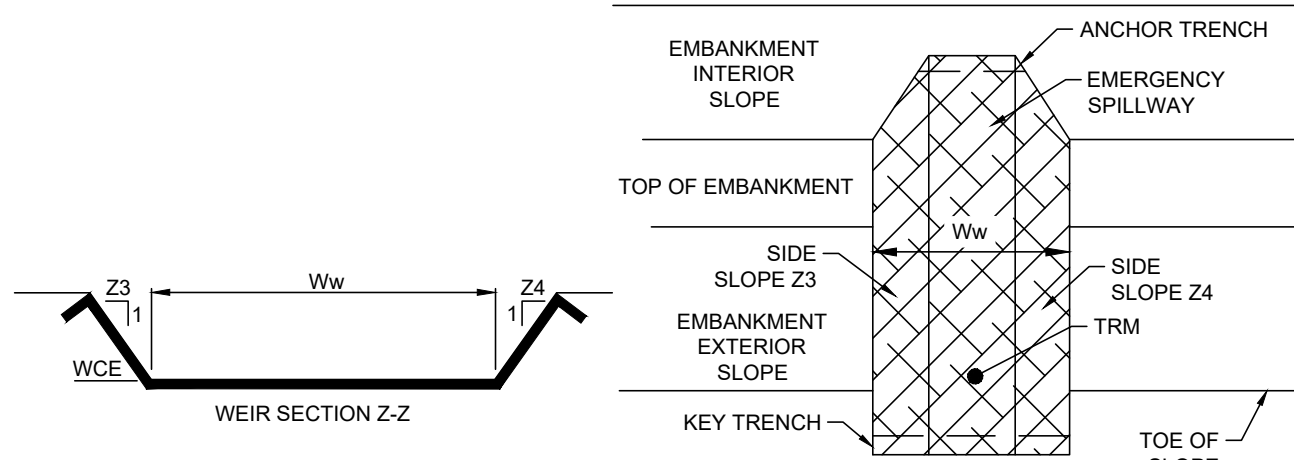
PIPE NO.	PIPE DIA. Do (in.)	RIPRAP SIZE	Rt (ft)	Al (ft)	Alw (ft)	Atw (ft)
EX-EW-1	18	R-4	18	12	5	17
FES-11	12	R-6	36	9	3	7
EW-2	36	R-5	27	13	9	14
EW-1 (2b)	18	R-4	18	10	9	13
FES-12	12	R-6	36	9	3	7



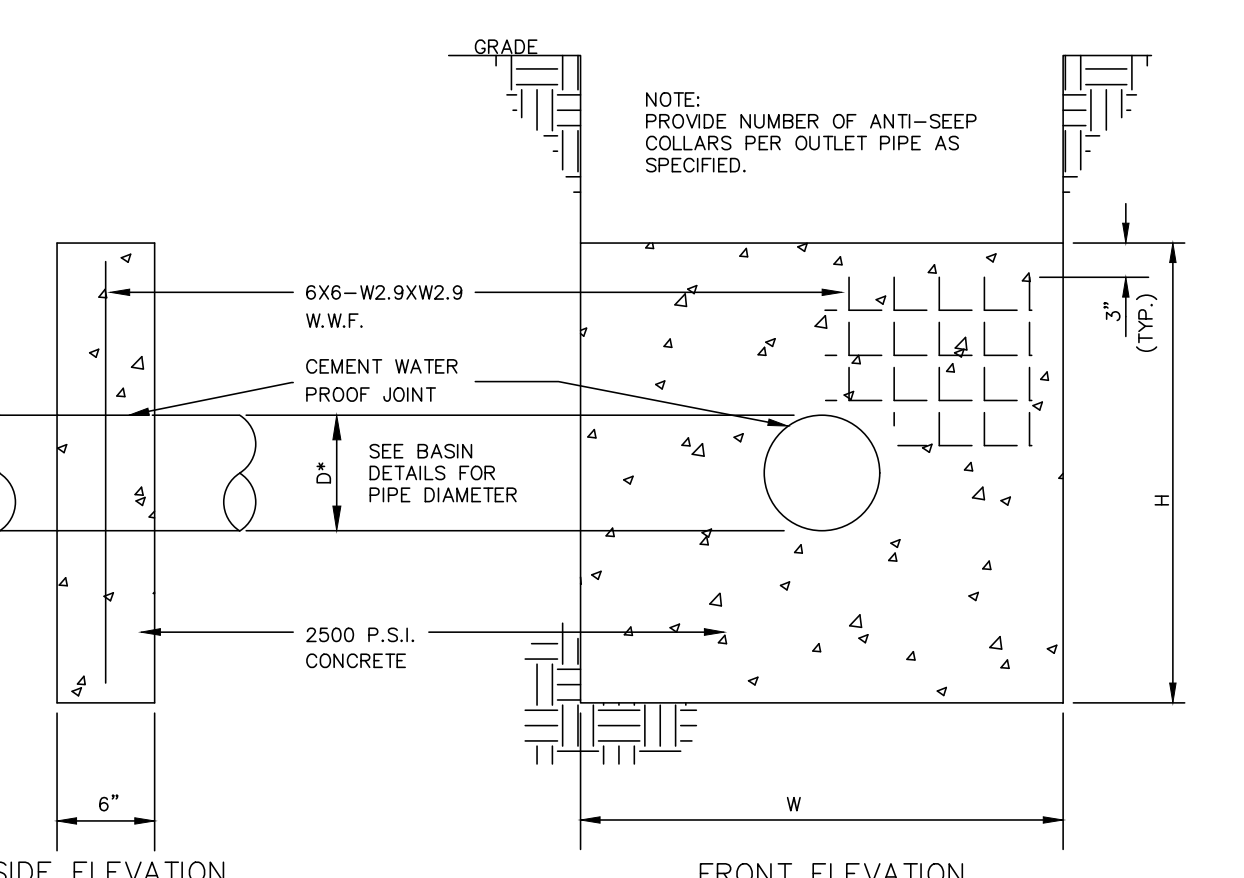
**FLARED END SECTION/ENDWALL RIP RAP DETAIL**  
NO SCALE



BASIN NO.	WEIR		CREST ELEV WCE (FT)	WIDTH Ww (FT)	TRM TYPE	STAPLE PATTERN	CHANNEL DEPTH Cd (FT)	LENGTH DI (FT)	WIDTH Dd (FT)	RIPRAP SIZE (R-L)	RIPRAP THICK DRI (IN)
	Z3 (FT)	Z4 (FT)									
1	3	3	449.00	100	S200	E	3	2.00	15	N/A	N/A
2	3	3	451.50	40	S200	E	3	1.75	15	N/A	N/A

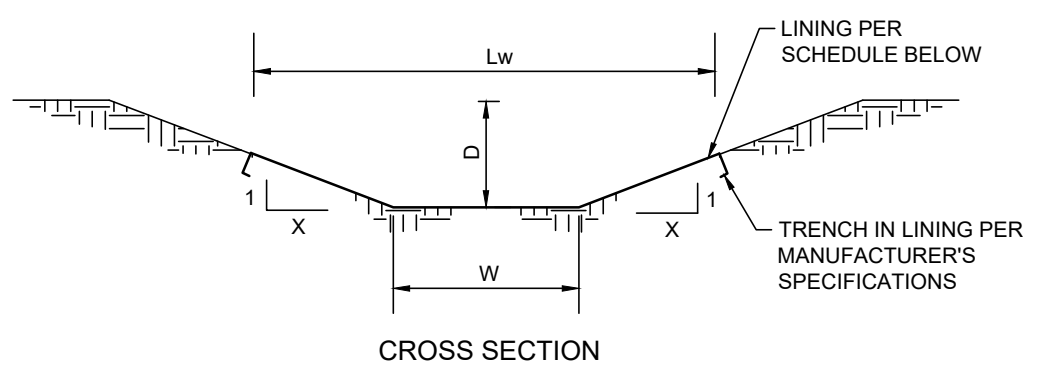


**BASIN EMERGENCY SPILLWAY DETAIL**  
NO SCALE



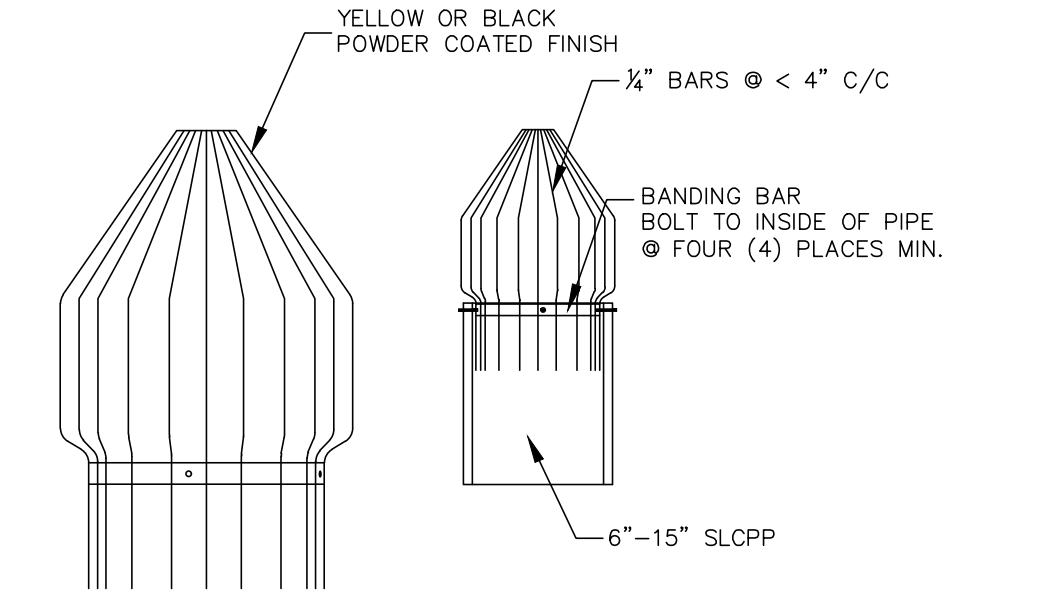
BASIN	W	H	DIA.	# OF COLLARS
1	3.98'	3.98'	18"	2
2	3.35'	3.35'	18"	2

**CONCRETE ANTI-SEEP COLLAR DETAIL**  
NO SCALE

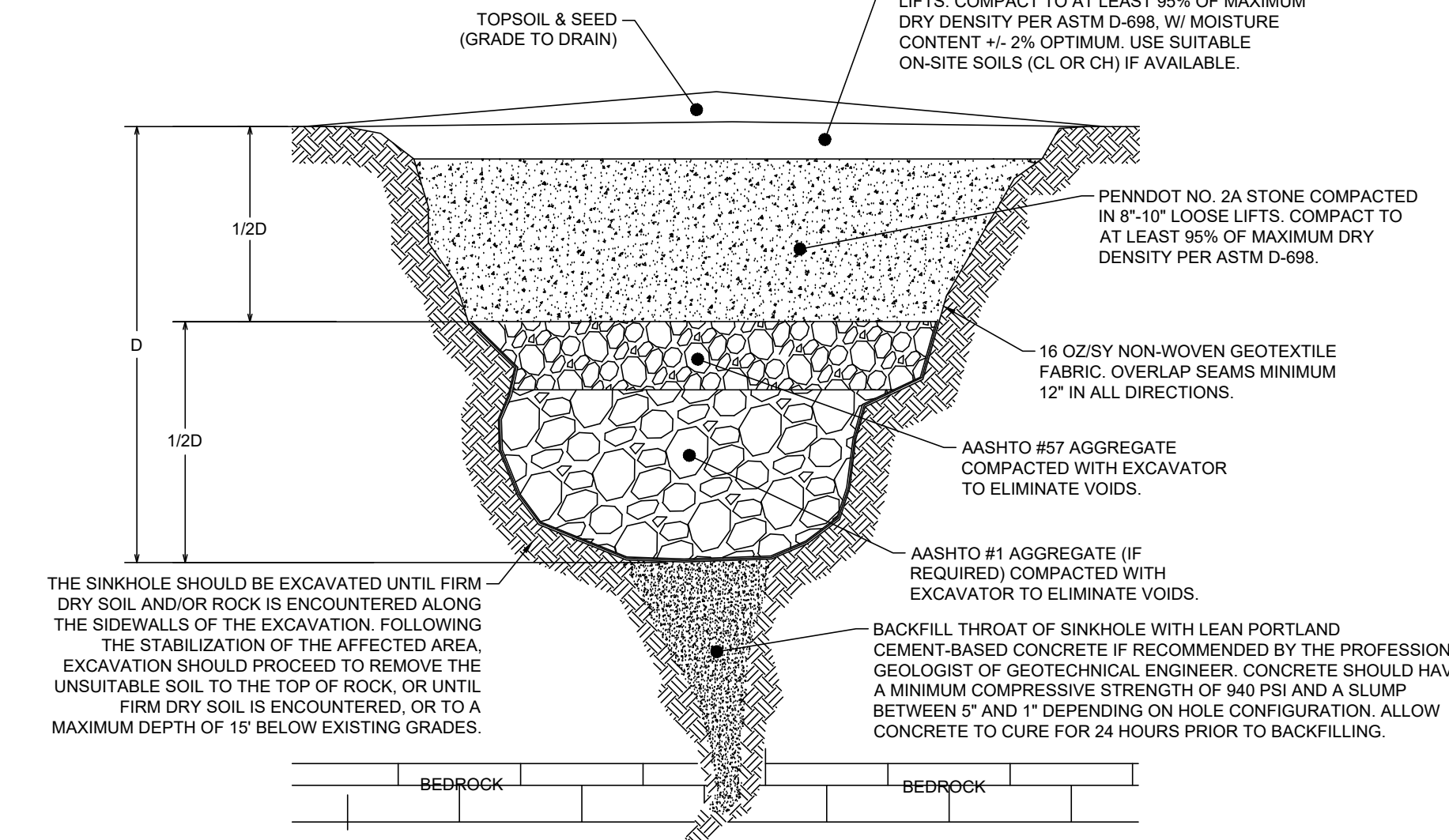


SWALE NO.	WIDTH (W)	DEPTH (D)	SIDE SLOPE (X)	MAX. SLOPE	LINING WIDTH (Lw)	LINING	TEMPORARY LINING	STAPLE PATTERN
A	2'	1'	4:1	4%	10'	GRASS	N.A.G. S75	D
B	2'	1'	5:1	1%	12'	GRASS	N.A.G. S75	D
C	1.5'	1'	5:1	2%	11.5'	GRASS	N.A.G. S75	D
D	3'	1'	3:1	1.5%	N/A	GRASS	N/A	N/A
E	1.5'	1'	3:1	5%	7.5'	GRASS	N.A.G. S75	D

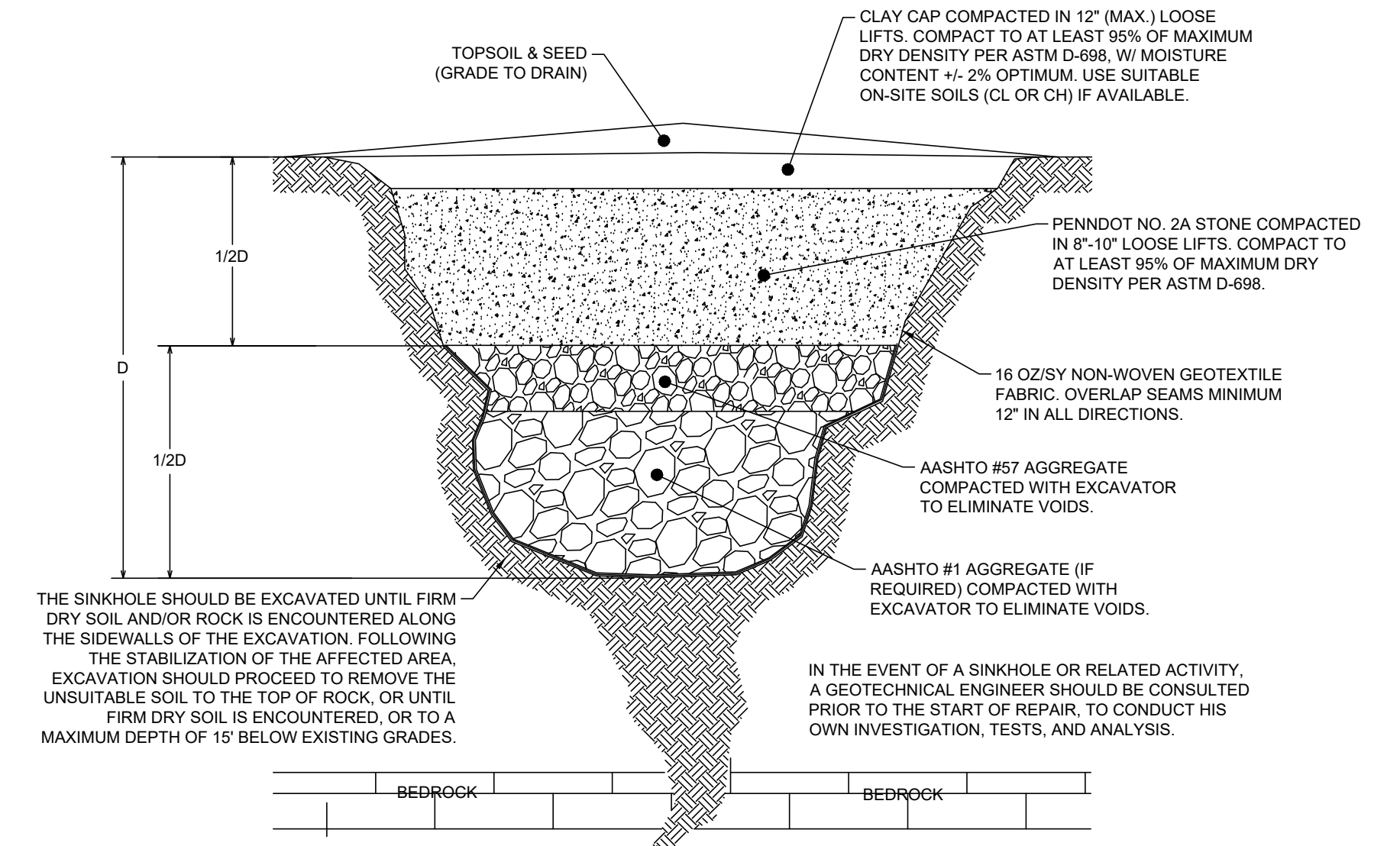
**STORMWATER SWALE DETAIL**  
NO SCALE



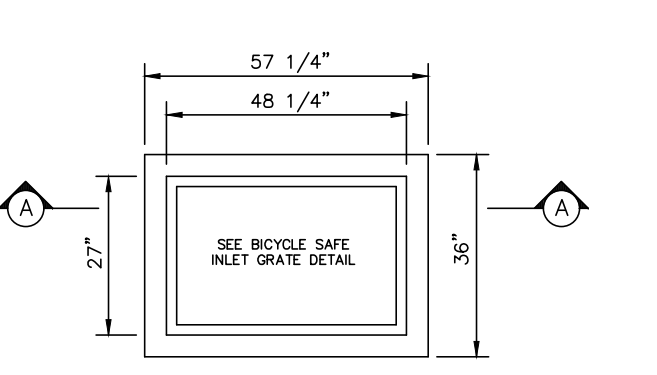
**BAR GUARD DETAIL**  
NO SCALE



**SINKHOLE REPAIR DETAIL-BEDROCK THROAT NOT ENCOUNTERED**  
NO SCALE

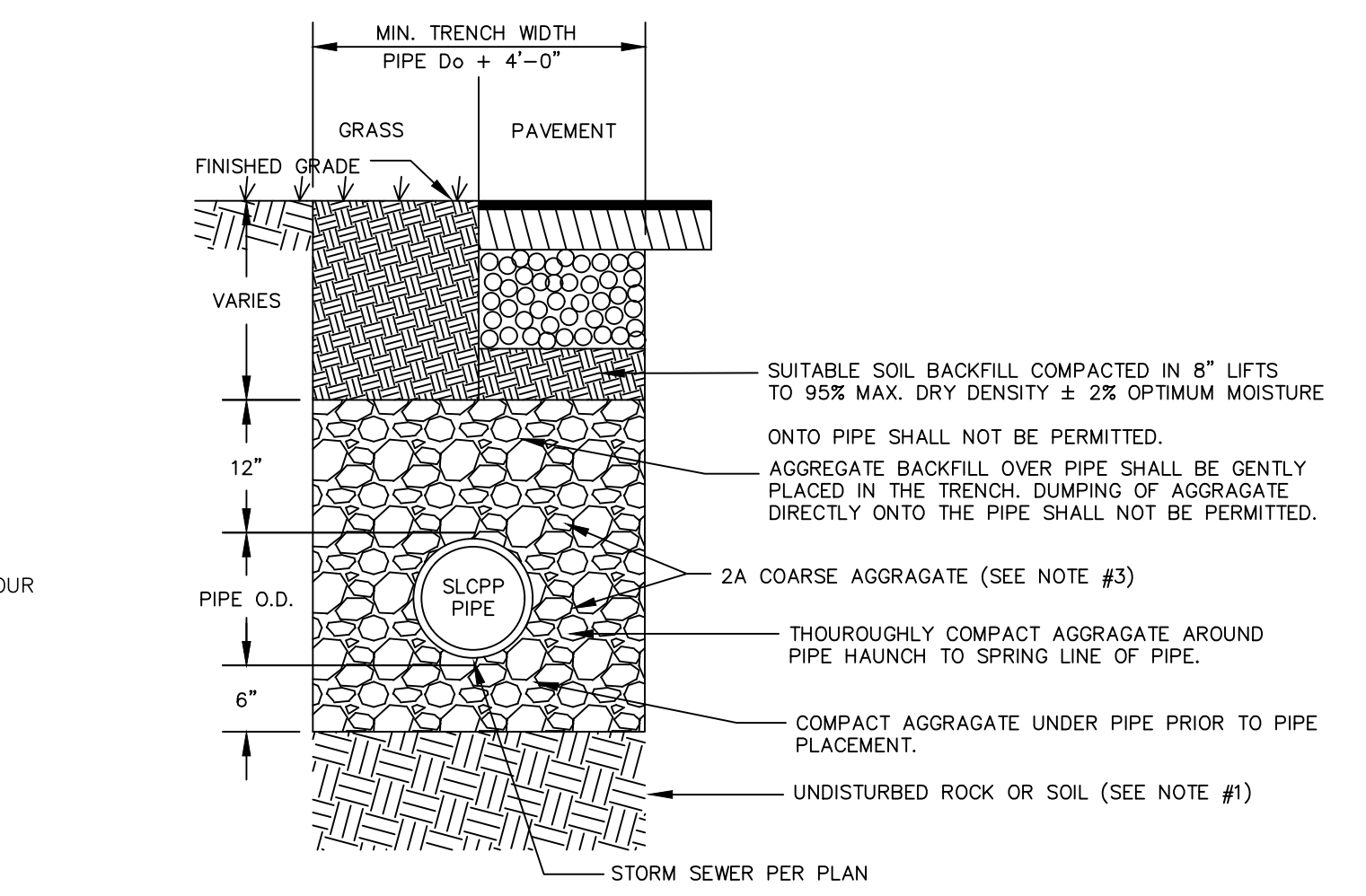


**SINKHOLE REPAIR DETAIL-BEDROCK THROAT ENCOUNTERED**  
NO SCALE

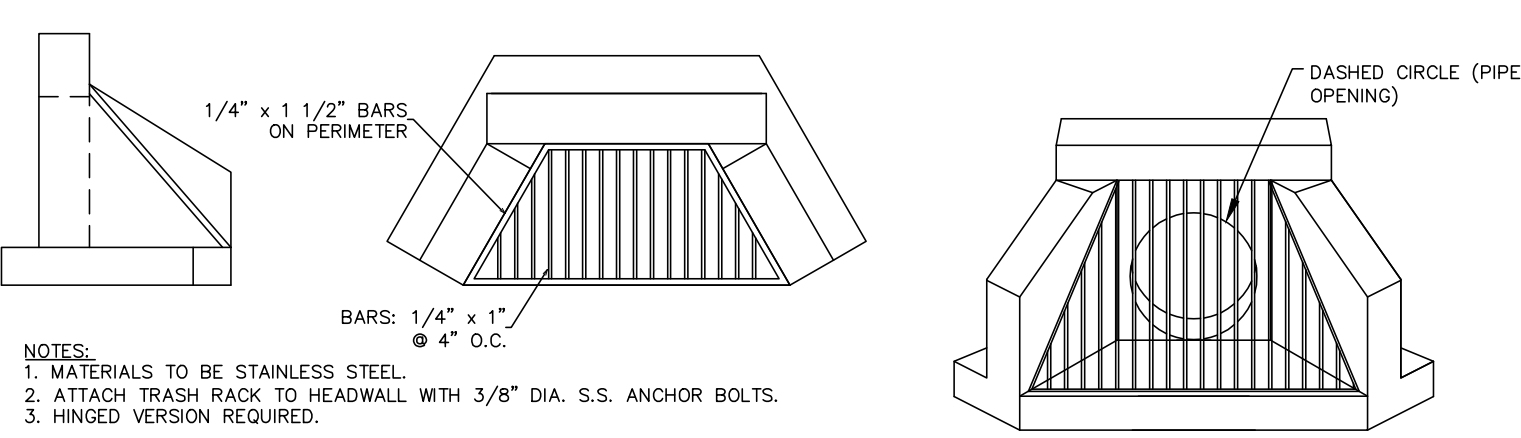


SWALE NO.	WIDTH (W)	DEPTH (D)	SIDE SLOPE (X)	MAX. SLOPE	LINING WIDTH (Lw)	LINING	TEMPORARY LINING	STAPLE PATTERN
A	2'	1'	4:1	4%	10'	GRASS	N.A.G. S75	D
B	2'	1'	5:1	1%	12'	GRASS	N.A.G. S75	D
C	1.5'	1'	5:1	2%	11.5'	GRASS	N.A.G. S75	D
D	3'	1'	3:1	1.5%	N/A	GRASS	N/A	N/A
E	1.5'	1'	3:1	5%	7.5'	GRASS	N.A.G. S75	D

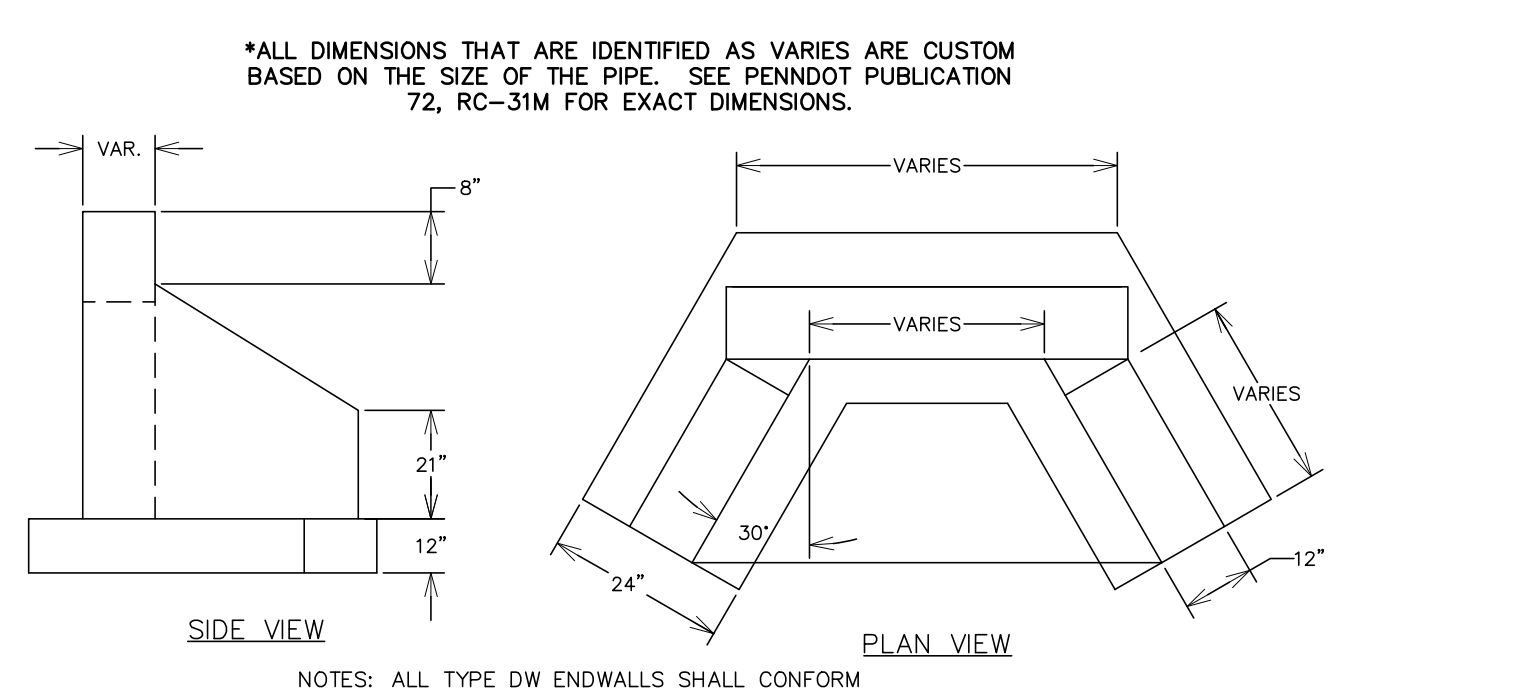
**TYPE M INLET DETAIL (RC-45M)**  
NO SCALE



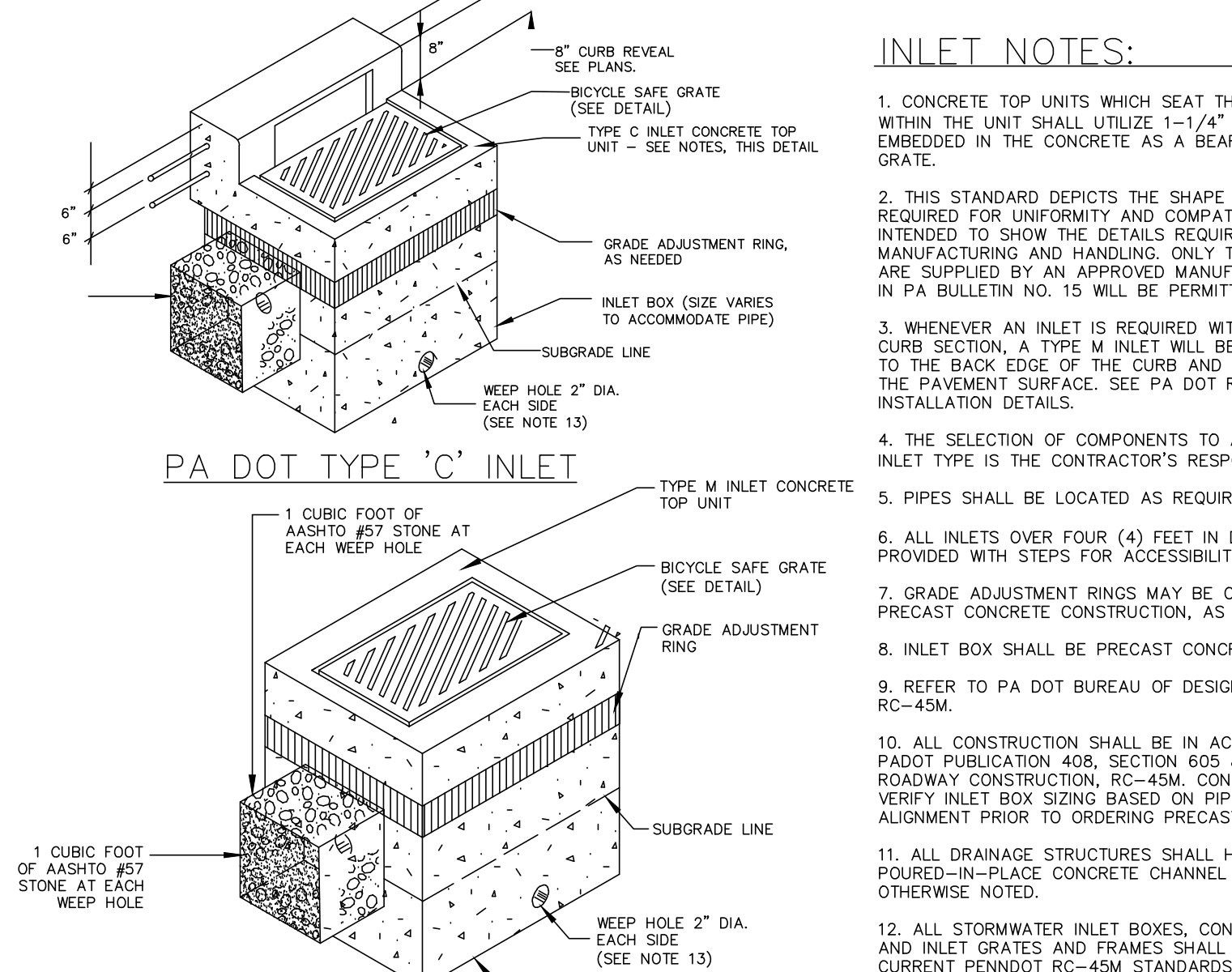
**TYPICAL TRENCH DETAIL FOR SLCCP INSTALLATION**  
NO SCALE



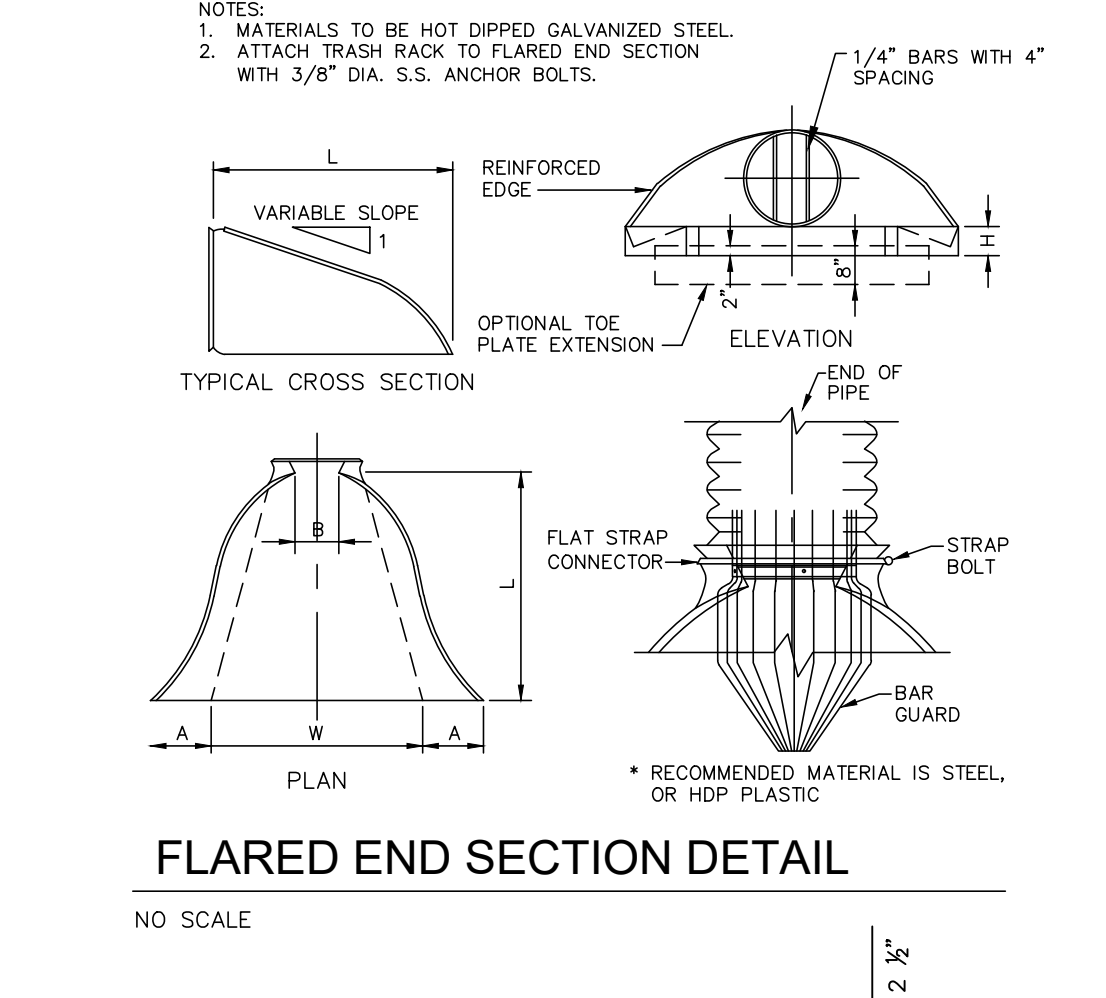
**TYPE DW ENDWALL WITH TRASH RACK DETAIL**  
NO SCALE



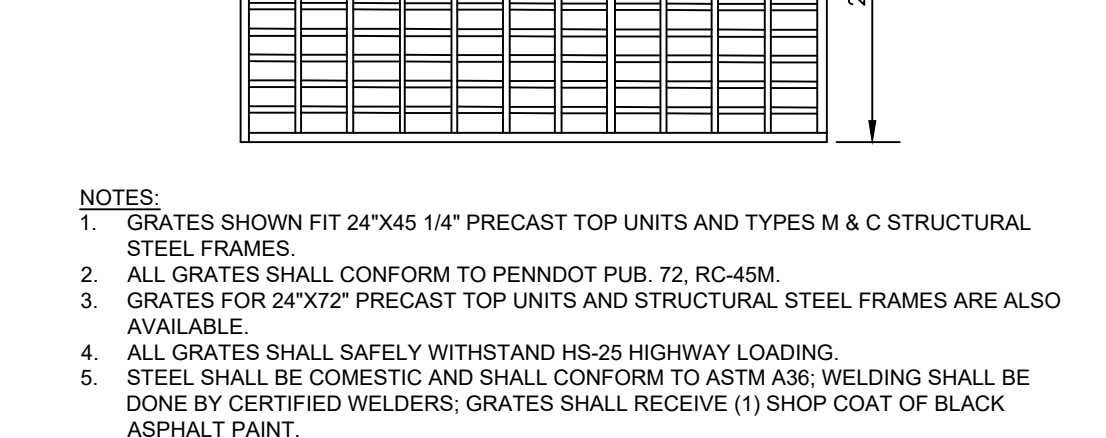
**TYPE DW ENDWALL DETAIL**  
NO SCALE



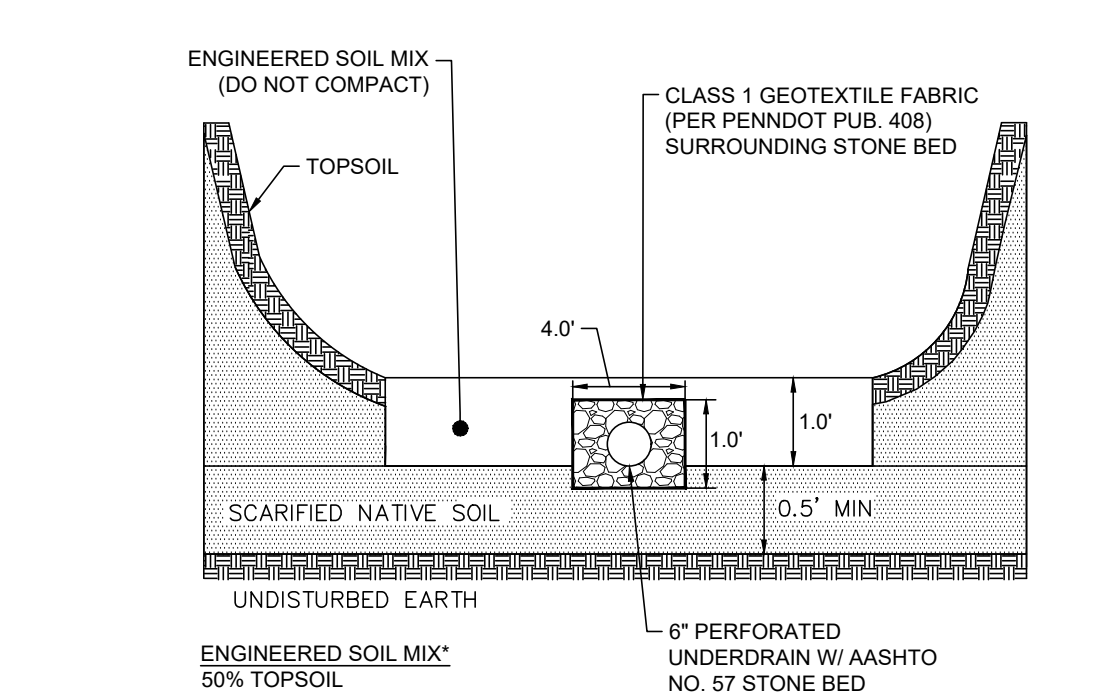
**PADOT STORMWATER INLETS (TYPE C & M)**  
NO SCALE



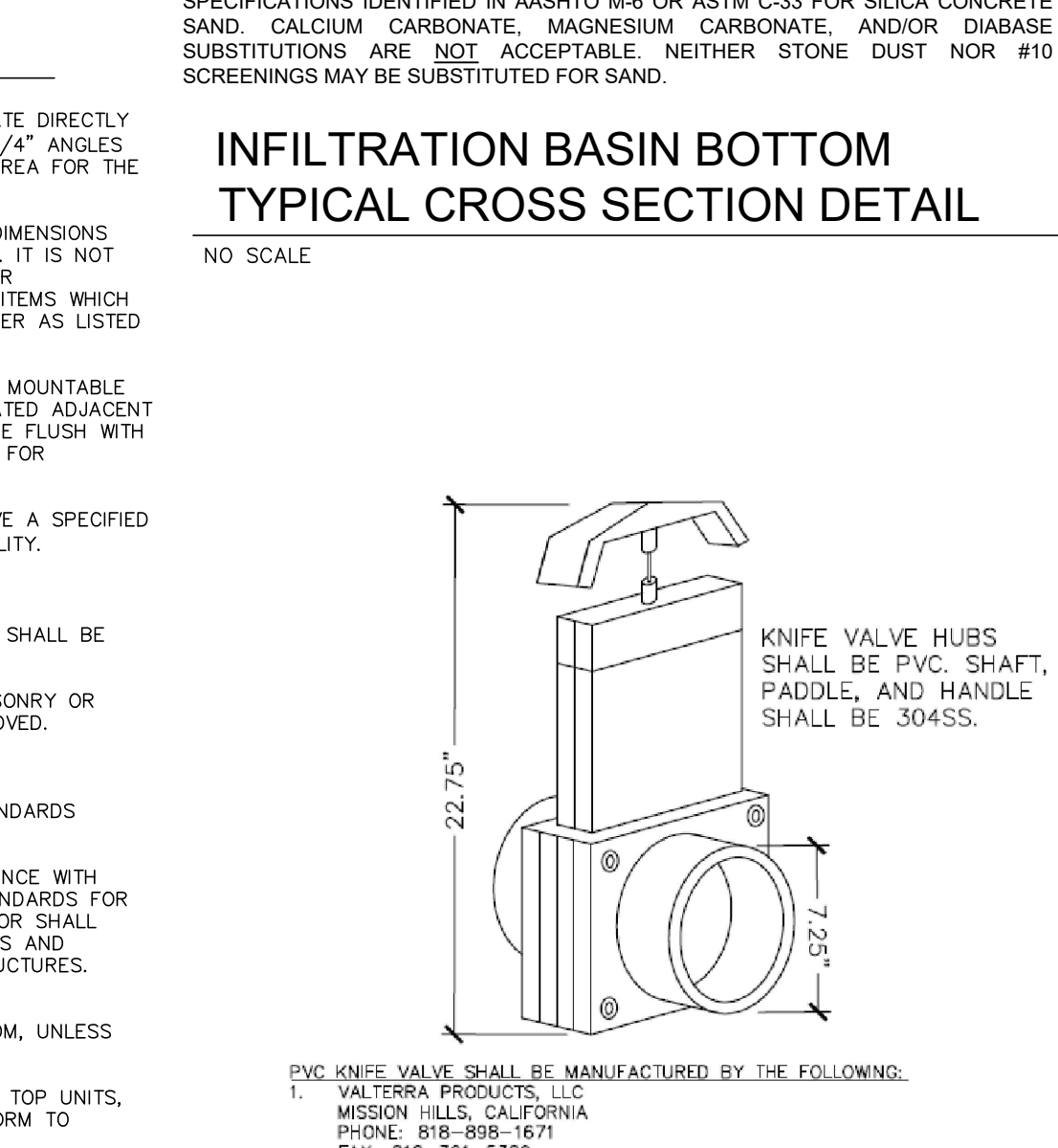
**FLARED END SECTION DETAIL**  
NO SCALE



**TYPICAL STEEL GRATE-BICYCLE SAFE**  
NO SCALE



**INFILTRATION BASIN BOTTOM TYPICAL CROSS SECTION DETAIL**  
NO SCALE



**2" PVC KNIFE VALVE DETAIL**  
NO SCALE

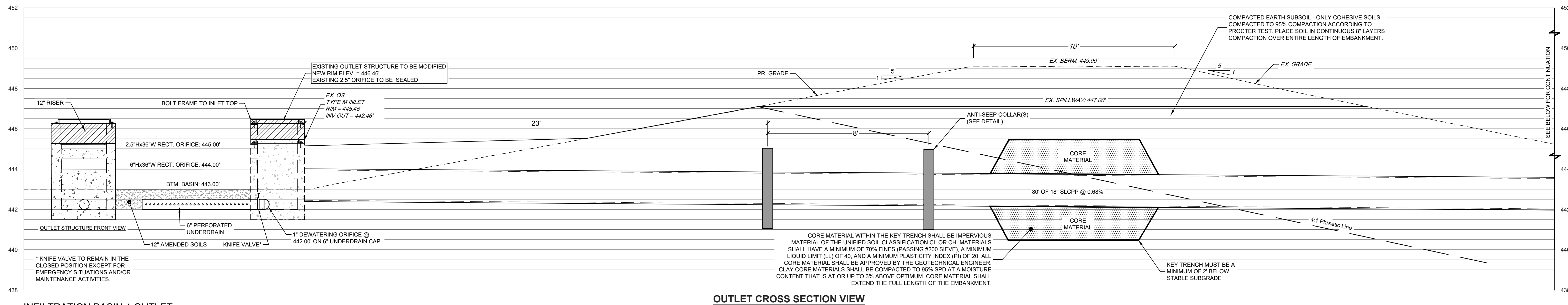
DATE	BY

REVISION	DATE	BY

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS  
PRELIMINARY/FINAL LAND DEVELOPMENT PLANS  
For  
**SCOUT COLD LOGISTICS, LLC**  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania

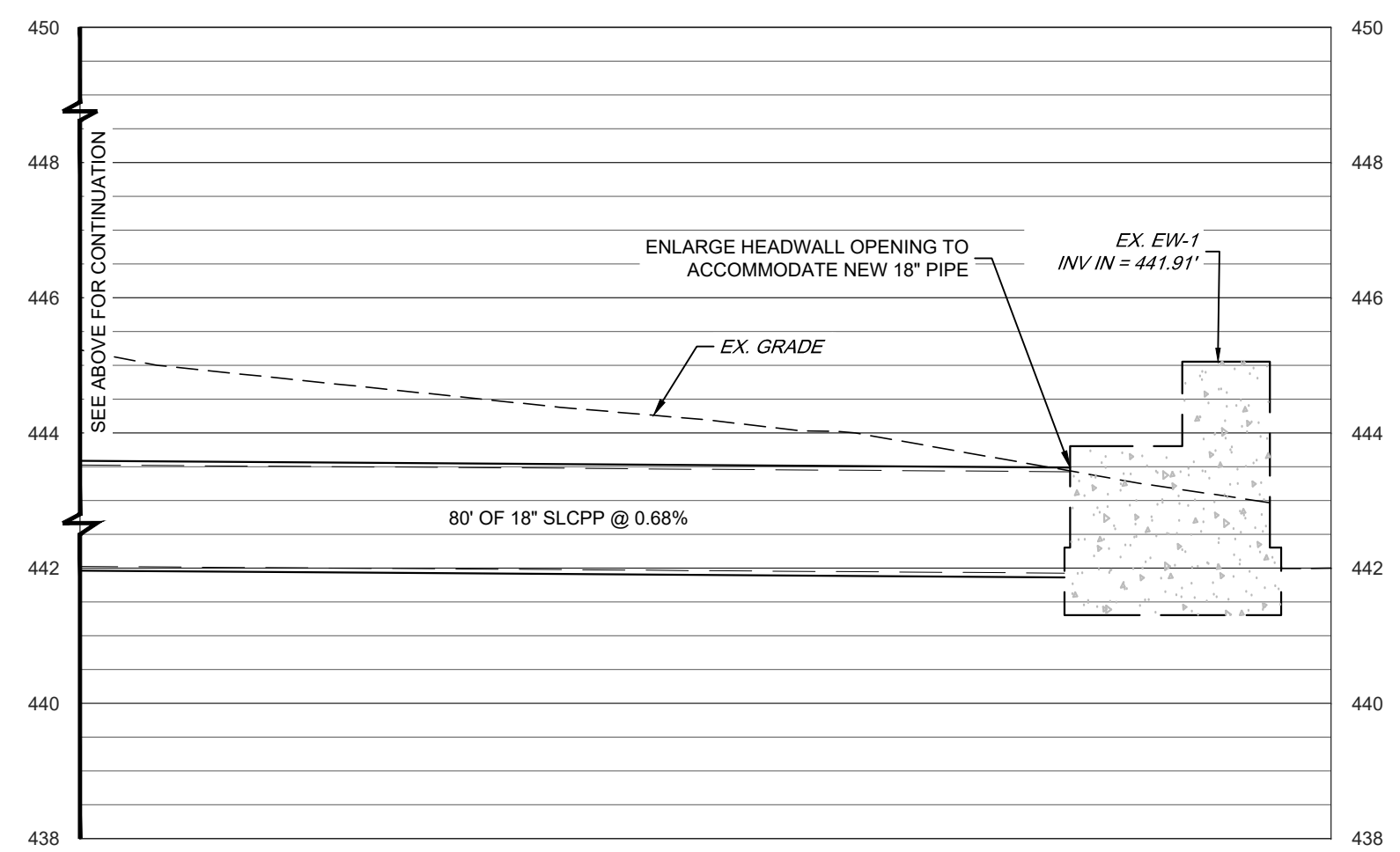
Steebbeck Engineering & Surveying, Inc.  
279 Lebanon, Pennsylvania 17042  
Phone: (717) 272-7110  
Fax: (717) 272-7348  
For: (717) 272-7348

FIELD CREW: MOD/JEC  
BASE MAP: JEC  
DRAWN: CDS  
DESIGN: CDS  
CHECKED: SAS  
DATE: 02/26/24  
SCALE: AS NOTED  
PROJECT # 2368-23-001



INFILTRATION BASIN 1 OUTLET

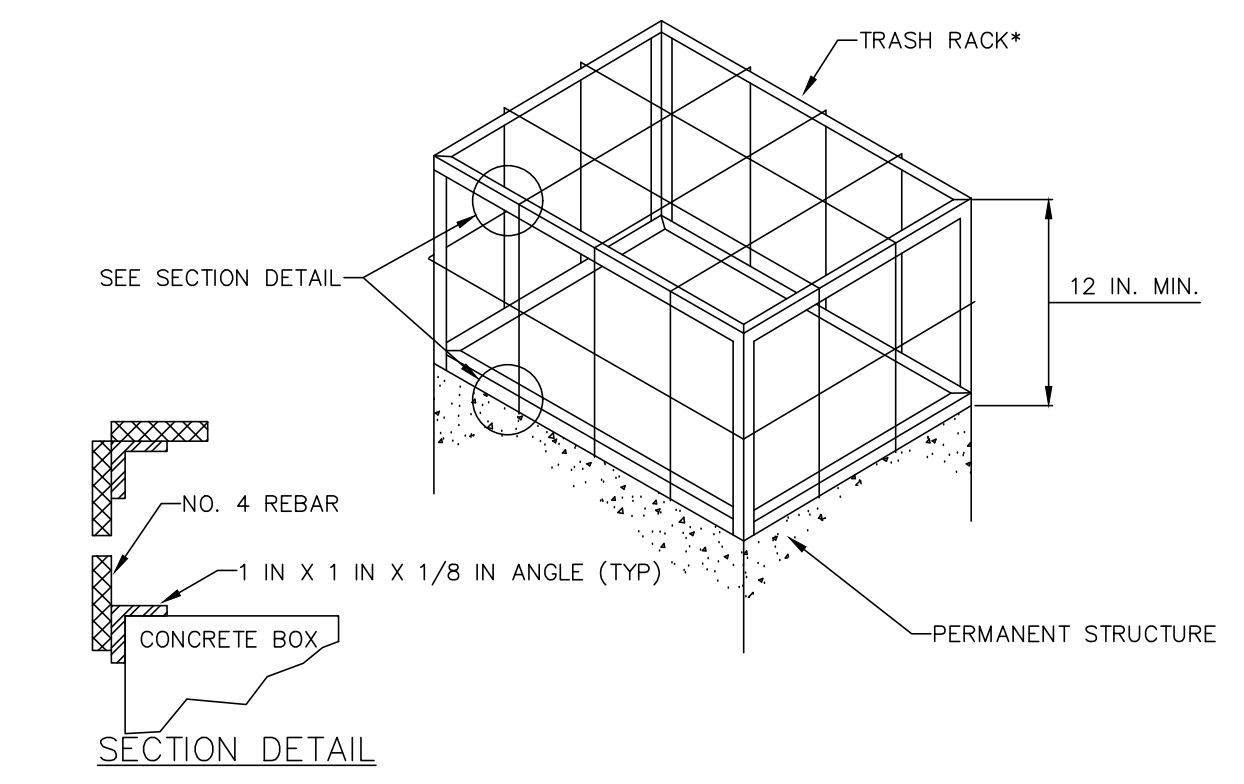
SCALE: 1" = 2.5'



OUTLET CROSS SECTION VIEW

INFILTRATION BASIN 1 OUTLET CON'T

SCALE: 1" = 2.5'

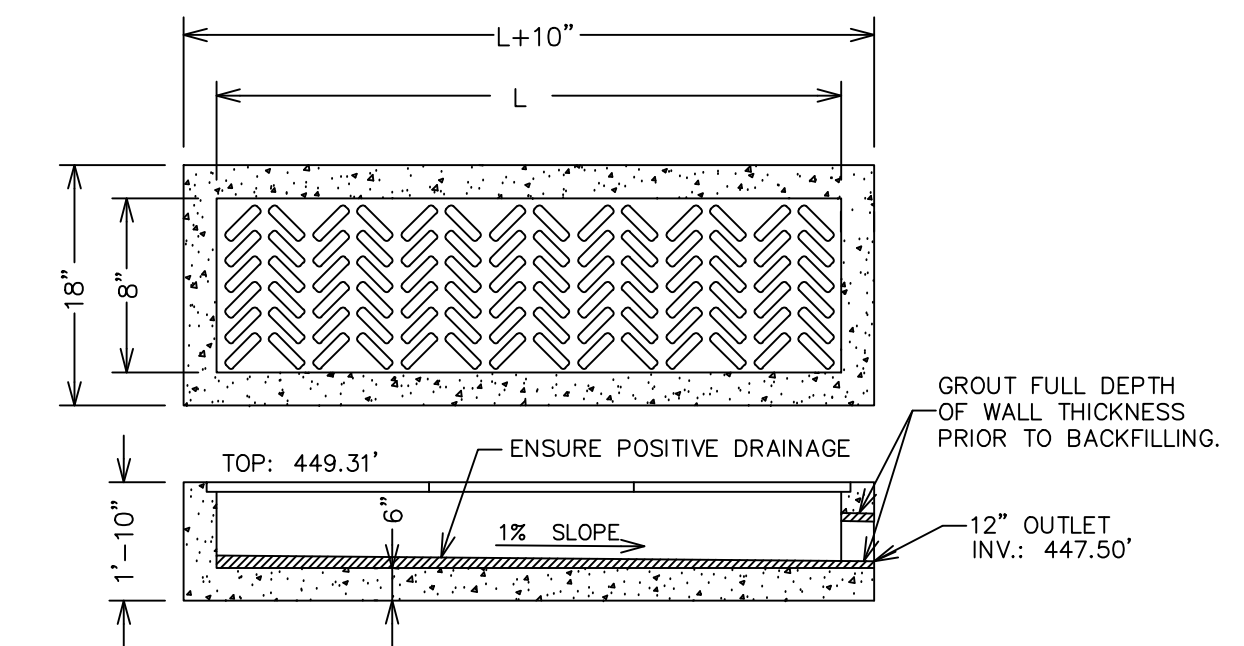


\* TRASH RACK COMPOSED OF 1 IN. X 1 IN. X 1/8 IN. L (TYP.) AND #4 BARS (TYP.) WELDED TO THE ANGLES AND AT EACH INTERSECTION OF THE BARS; #4 BARS SPACED AT HALF THE WIDTH OF THE OPENING MAX.

NOTES:  
ALL JOINTS SHALL BE WATER TIGHT.  
CLOGGED OR DAMAGED SPILLWAYS SHALL BE REPAIRED IMMEDIATELY. TRASH AND OTHER DEBRIS SHALL BE REMOVED FROM THE BASIN AND RISER.  
TRASH RACK MAY BE REMOVED AFTER CONVERSION FROM SEDIMENT BASIN TO PERMANENT STORMWATER BASIN.

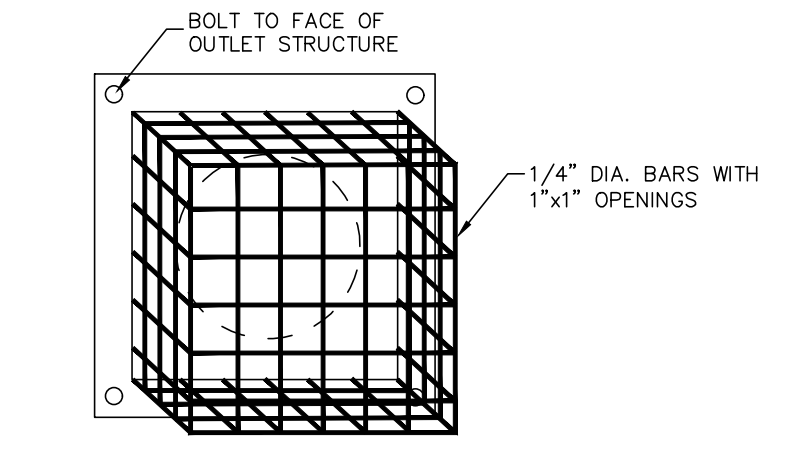
TRASH RACK FOR PERMANENT STRUCTURE DETAIL

NO SCALE



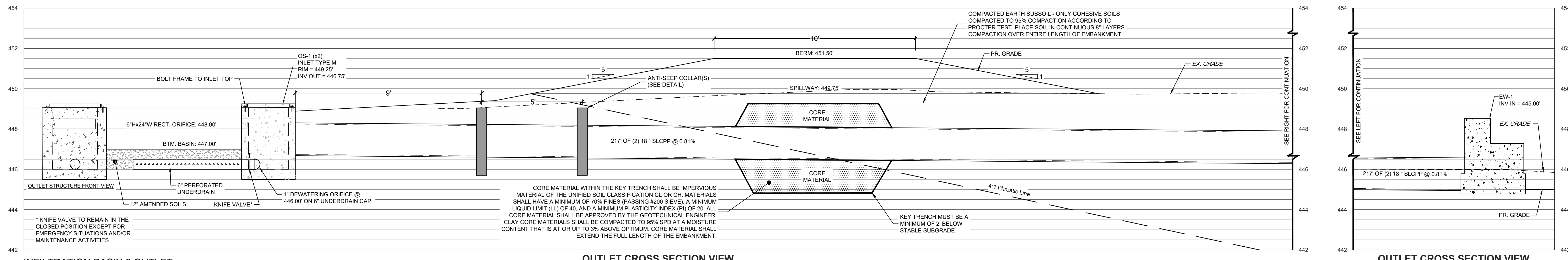
TRENCH DRAIN TYPICAL DETAIL

NO SCALE



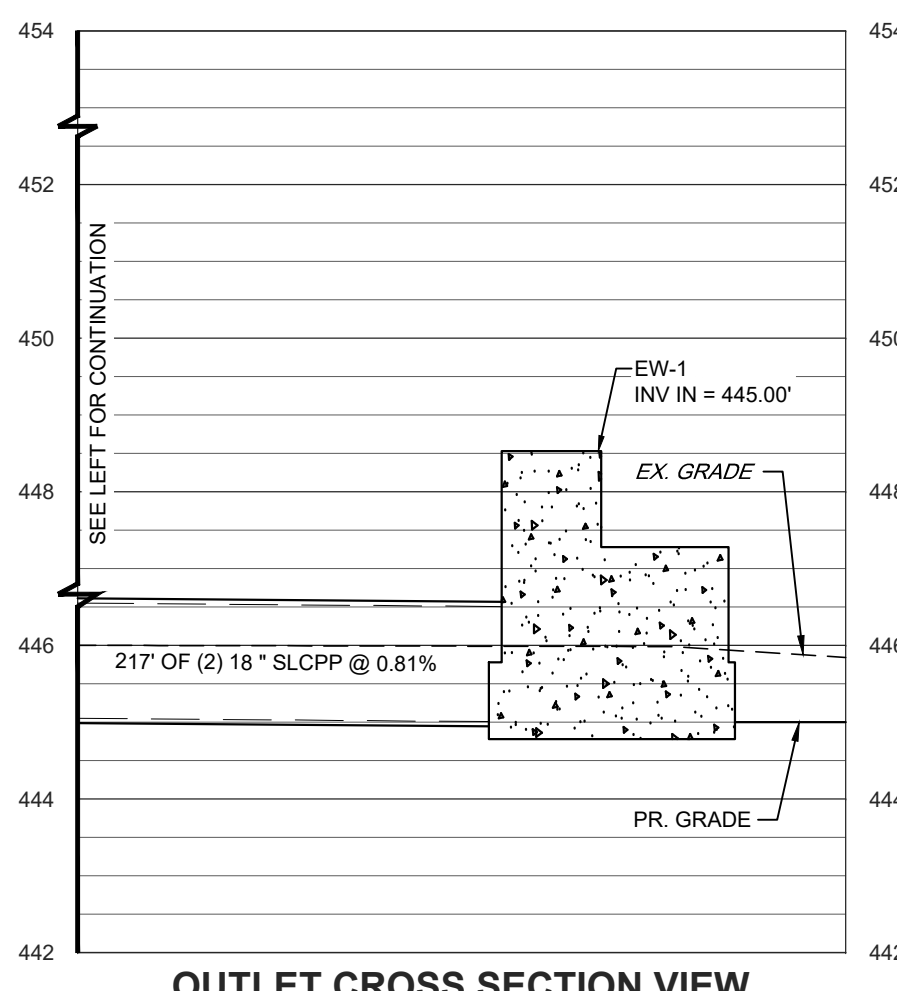
ORIFICE TRASH RACK DETAIL

NO SCALE



INFILTRATION BASIN 2 OUTLET

SCALE: 1" = 2.5'

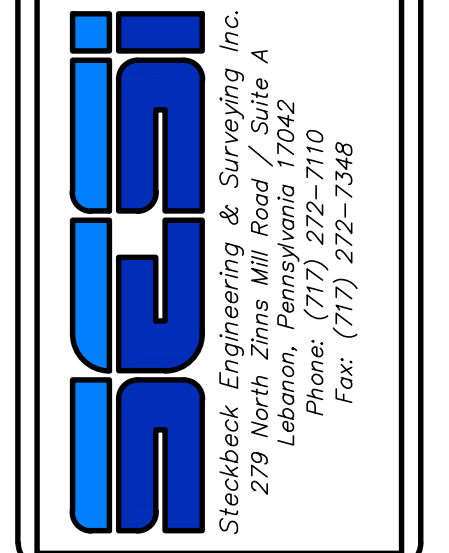


OUTLET CROSS SECTION VIEW

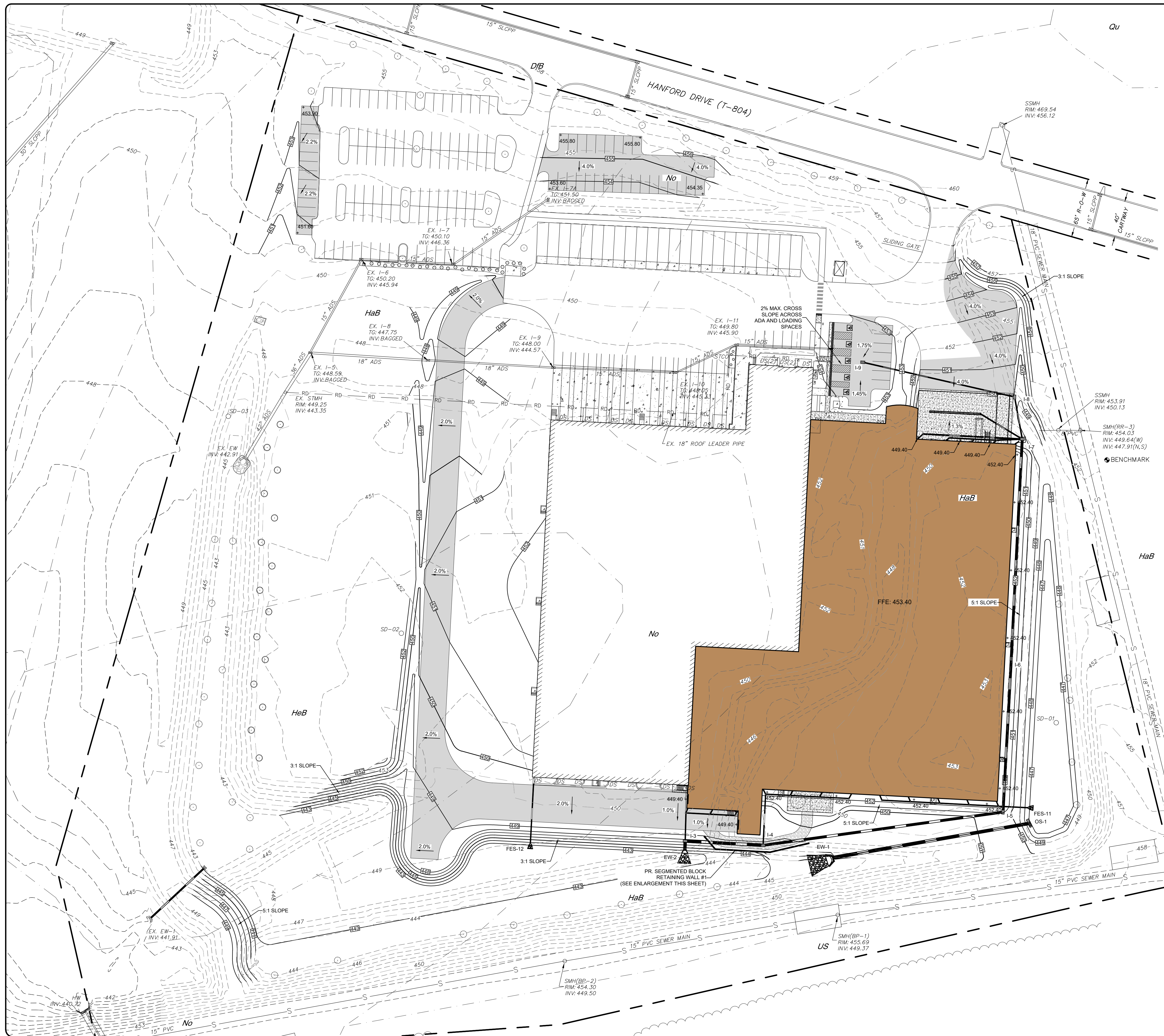
NO SCALE

REVISION	DATE	BY

POST CONSTRUCTION STORMWATER MANAGEMENT  
BASIN OUTLET DETAILS  
PRELIMINARY/FINAL LAND DEVELOPMENT PLANS  
for  
SCOUT COLD LOGISTICS, LLC  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania



FIELD CREW:	MOD, JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	1" = 2.5'
PROJECT #	2368-23-001

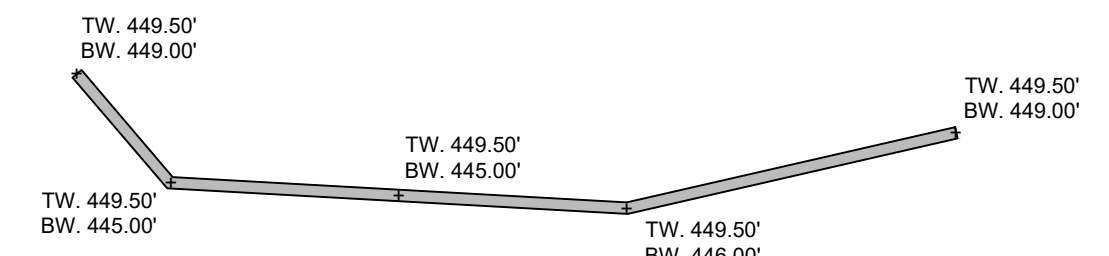


### LEGEND

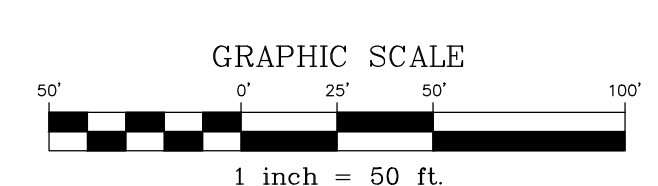
EXISTING FEATURES	
	EXISTING ADJOINER LINE
	EXISTING BOUNDARY LINE AND CORNERS
	EXISTING EDGE OF PAVEMENT AND CURB LINE
	EXISTING RIGHT-OF-WAY
	EXISTING FENCE
	EXISTING SEWER
	EXISTING STORMWATER
	EXISTING WATERLINE
	EXISTING GASLINE
	EXISTING SIDEWALK/CONCRETE
	EXISTING CONTOURS
	EXISTING TREELINE
	EXISTING TOWNSHIP BOUNDARY
	LIMITS OF FIELD SURVEY
	EXISTING SOILS
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING PAVED AREA

PROPOSED FEATURES	
	PROPOSED BUILDING SETBACK
	PROPOSED BOUNDARY LINE AND CORNERS
	PROPOSED EDGE OF PAVEMENT AND CURB LINE
	PROPOSED RIGHT-OF-WAY
	PROPOSED FENCE
	PROPOSED SEWER
	PROPOSED STORMWATER
	PR. ELECTRIC SERVICE LINE
	PR. WATER SERVICE LINE
	PROPOSED DOMESTIC WATERLINE
	PROPOSED GASLINE
	PROPOSED CONCRETE/SIDEWALK
	PROPOSED CONTOURS
	PROPOSED TREELINE
	PROPOSED UTILITY POLE
	PROPOSED LIGHT POLE



**RETAINING WALL #1 ENLARGEMENT DETAIL**  
NO SCALE



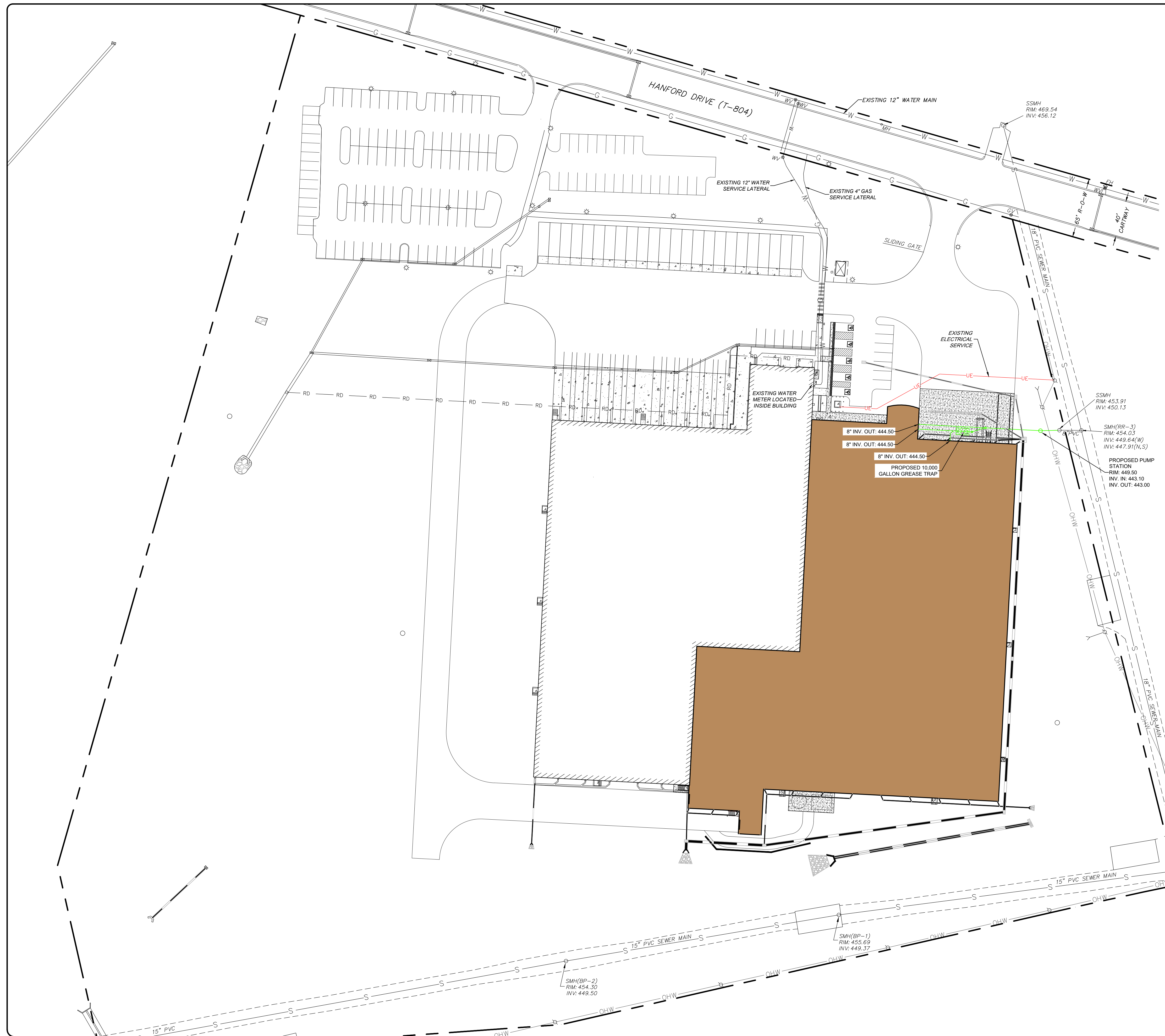
NO.	DATE	BY	REVISION

NO.	DATE	BY	REVISION

**GRADING PLAN**  
For  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
**SCOUT COLD LOGISTICS, LLC**  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania

Steadbeck Engineering & Surveying, Inc.  
279 Lebanon, Pennsylvania 17042  
Phone: (717) 272-7110  
Fax: (717) 272-7348

FIELD CREW:	MOD,JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	1" = 50'
PROJECT #	2368-23-001



**LEGEND**

**EXISTING FEATURES**

[Symbol]	EXISTING ADJOINER LINE
[Symbol]	EXISTING BOUNDARY LINE AND CORNERS
[Symbol]	EXISTING EDGE OF PAVEMENT AND CURB LINE
[Symbol]	EXISTING RIGHT-OF-WAY
[Symbol]	EXISTING FENCE
[Symbol]	EXISTING SEWER
[Symbol]	EXISTING STORMWATER
[Symbol]	EXISTING WATERLINE
[Symbol]	EXISTING GASLINE
[Symbol]	EXISTING SIDEWALK/CONCRETE
[Symbol]	EXISTING CONTOURS
[Symbol]	EXISTING TREELINE
[Symbol]	EXISTING TOWNSHIP BOUNDARY
[Symbol]	LIMITS OF FIELD SURVEY
[Symbol]	EXISTING SOILS
[Symbol]	EXISTING UTILITY POLE
[Symbol]	EXISTING LIGHT POLE
[Symbol]	EXISTING PAVED AREA

**PROPOSED FEATURES**

[Symbol]	PROPOSED BUILDING SETBACK
[Symbol]	PROPOSED BOUNDARY LINE AND CORNERS
[Symbol]	PROPOSED EDGE OF PAVEMENT AND CURB LINE
[Symbol]	PROPOSED RIGHT-OF-WAY
[Symbol]	PROPOSED FENCE
[Symbol]	PROPOSED SEWER
[Symbol]	PROPOSED STORMWATER
[Symbol]	PR. ELECTRIC SERVICE LINE
[Symbol]	PR. WATER SERVICE LINE
[Symbol]	PROPOSED DOMESTIC WATERLINE
[Symbol]	PROPOSED GASLINE
[Symbol]	PROPOSED CONCRETE/SIDEWALK
[Symbol]	PROPOSED CONTOURS
[Symbol]	PROPOSED TREELINE
[Symbol]	PROPOSED UTILITY POLE
[Symbol]	PROPOSED LIGHT POLE

**GREASE TRAP NOTE**

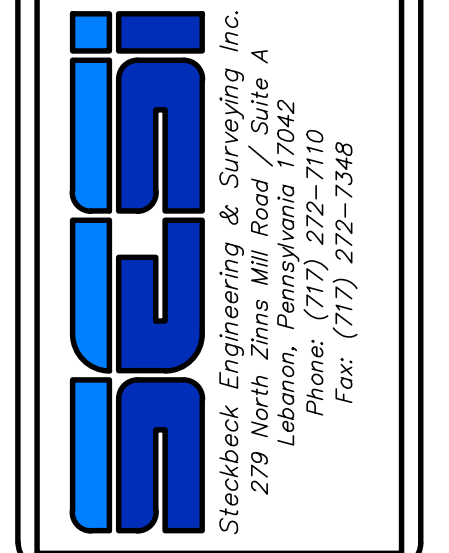
OWNER SHALL PROVIDE GREASE TRAP AT LOCATION INDICATED ON UTILITY PLAN. OWNER SHALL SUBMIT CATALOG CUTS, SHOP DRAWINGS AND ANY OTHER PRODUCT DATA AS REQUESTED BY NLMA TO DESCRIBE PROPOSED UNIT PRIOR TO MAKING APPLICATION TO NLMA FOR SEWER PERMIT. IN ADDITION, OWNER SHALL SUBMIT DETAILED SIZING CALCULATIONS PREPARED BY MANUFACTURER OF PROPOSED UNIT BASED ON PROJECTED FLOWS AND WASTE STREAM CHARACTERISTICS FOR NLMA REVIEW.

- UTILITY NOTES**
- SEWAGE DISPOSAL IS TO BE PROVIDED BY EXTENSION OF THE PUBLIC SEWER SYSTEM BY THE LAND DEVELOPER, AS SHOWN HEREON. CONNECTION TO THE NORTH LEBANON TOWNSHIP MUNICIPAL AUTHORITY PUBLIC SEWER SYSTEM IS REQUIRED.
  - ALL SANITARY SEWER CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST STANDARDS OF THE NORTH LEBANON TOWNSHIP MUNICIPAL AUTHORITY AND SHALL BE SUBJECT TO APPROVAL BY THE AUTHORITY'S ENGINEER.
  - WATER AND SEWER LINES MUST MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 5'. OTHERWISE A VERTICAL SEPARATION OF 18" SHALL BE PROVIDED. IF NEITHER IS POSSIBLE, THEN A 6" CONCRETE ENCASUREMENT SHALL BE PROVIDED FOR THE SEWER LINE.
  - ALL UTILITIES SHALL BE INSTALLED UNDERGROUND INCLUDING BUT NOT LIMITED TO TELEPHONE, CABLE, ELECTRIC, GAS, WATER AND SANITARY SEWER.
  - ACCESS TO ALL UTILITY FACILITIES SHALL BE GRANTED TO REPRESENTATIVES OF NORTH LEBANON TOWNSHIP MUNICIPAL AUTHORITY AND THE CITY OF LEBANON AUTHORITY AT ALL TIMES FOR THE PURPOSES OF INSPECTION AND MAINTENANCE.
  - CONSTRUCTION OF SEWER LATERALS SHALL COMPLY WITH THE RULES, REGULATIONS, AND SPECIFICATIONS OF THE NORTH LEBANON TOWNSHIP MUNICIPAL AUTHORITY. DO NOT BACKFILL SEWER LATERAL TRENCHES UNTIL INSPECTED BY A REPRESENTATIVE OF THE AUTHORITY.
  - CONSTRUCTION OF WATER LATERALS SHALL COMPLY WITH THE RULES, REGULATIONS, AND SPECIFICATIONS OF THE CITY OF LEBANON WATER AUTHORITY.

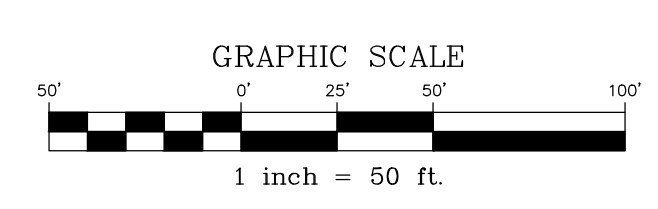
BY	
DATE	
REVISION	

BY	
DATE	
REVISION	

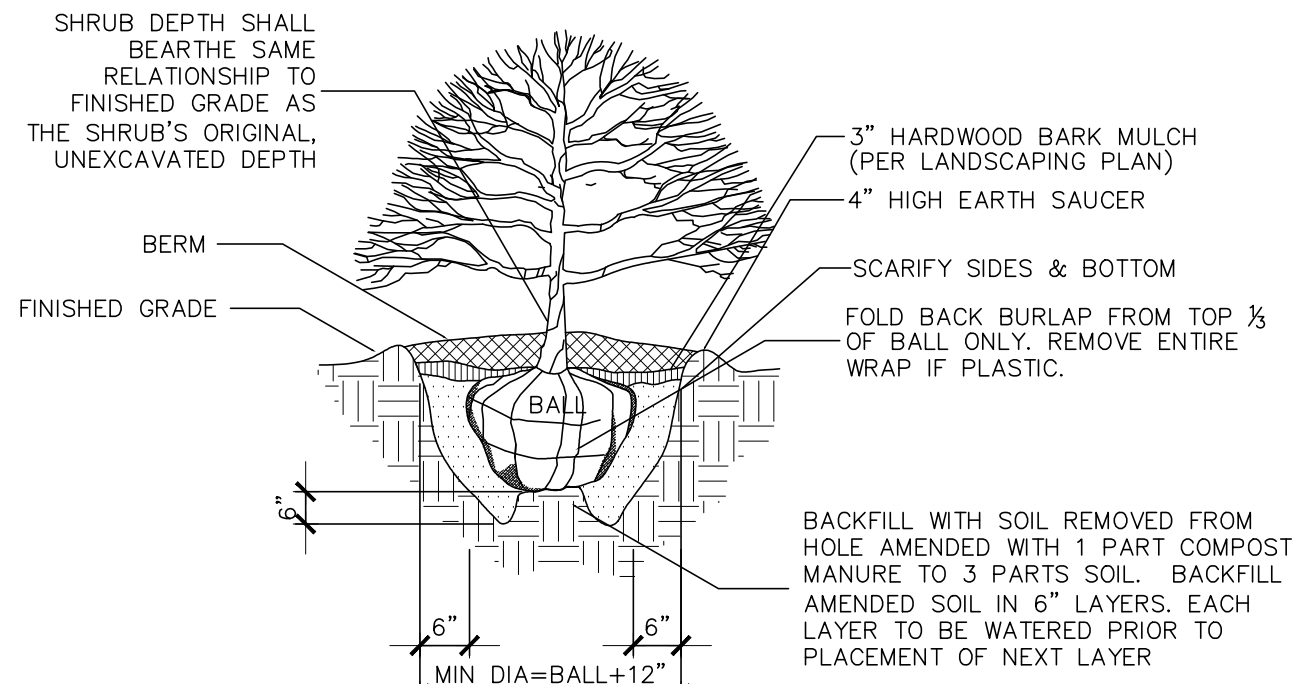
**UTILITY PLAN**  
 For  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania



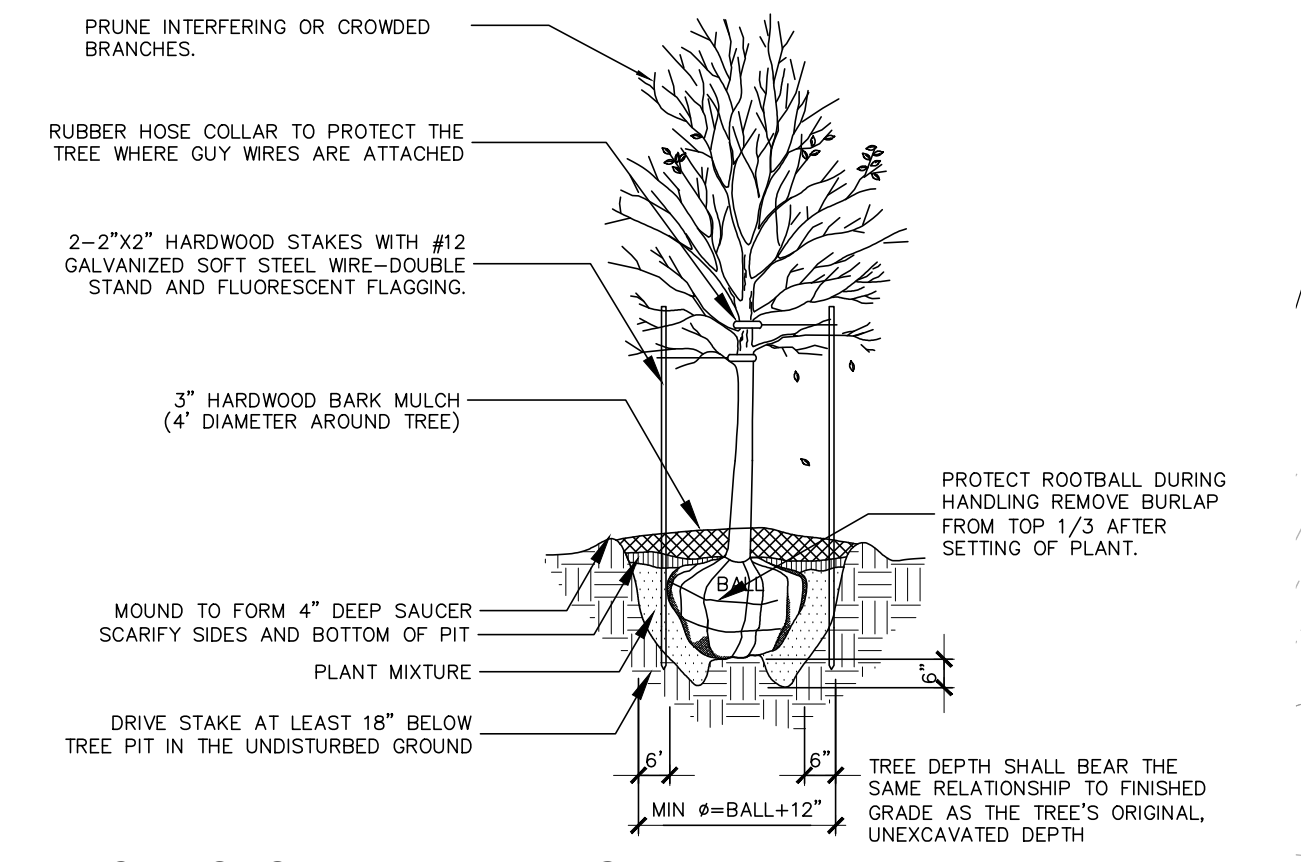
FIELD CREW:	MOD,JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	1" = 50'
PROJECT #	2368-23-001



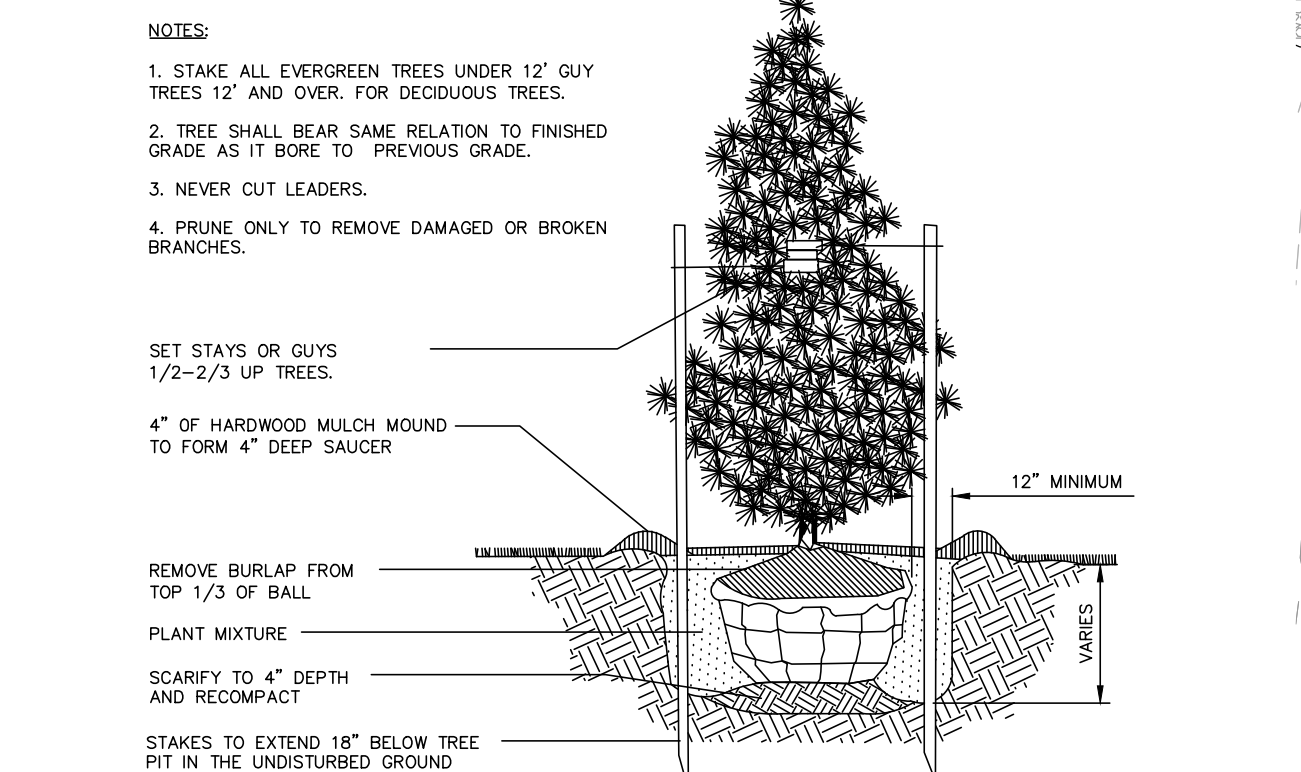
KEY	QTY	SIZE	BOTANICAL NAME	COMMON NAME
GB	4	2' CAL.	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD MAIDENHAIR TREE
ZS	7	2' CAL.	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE ZELKOVA
AR	4	2'-2.5' CAL.	ACER RUBRUM 'OCTOBER GLORY'	RED MAPLE
GR	3	2'-2.5' CAL.	CERCIS CANADENSIS 'HEARTS OF GOLD'	HEARTS OF GOLD REDBUD
PM	8	6'	PICEA PUNGENS 'MOERHEIM'	MOERHEIM BLUE SPRUCE
PS	7	6'	PINUS STROBUS	EASTERN WHITE PINE



**SHRUB PLANTING DETAIL**  
NO SCALE



**DECIDUOUS TREE PLANTING DETAIL**  
NO SCALE

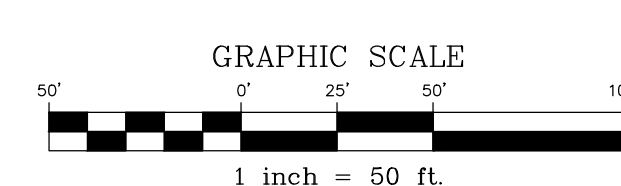
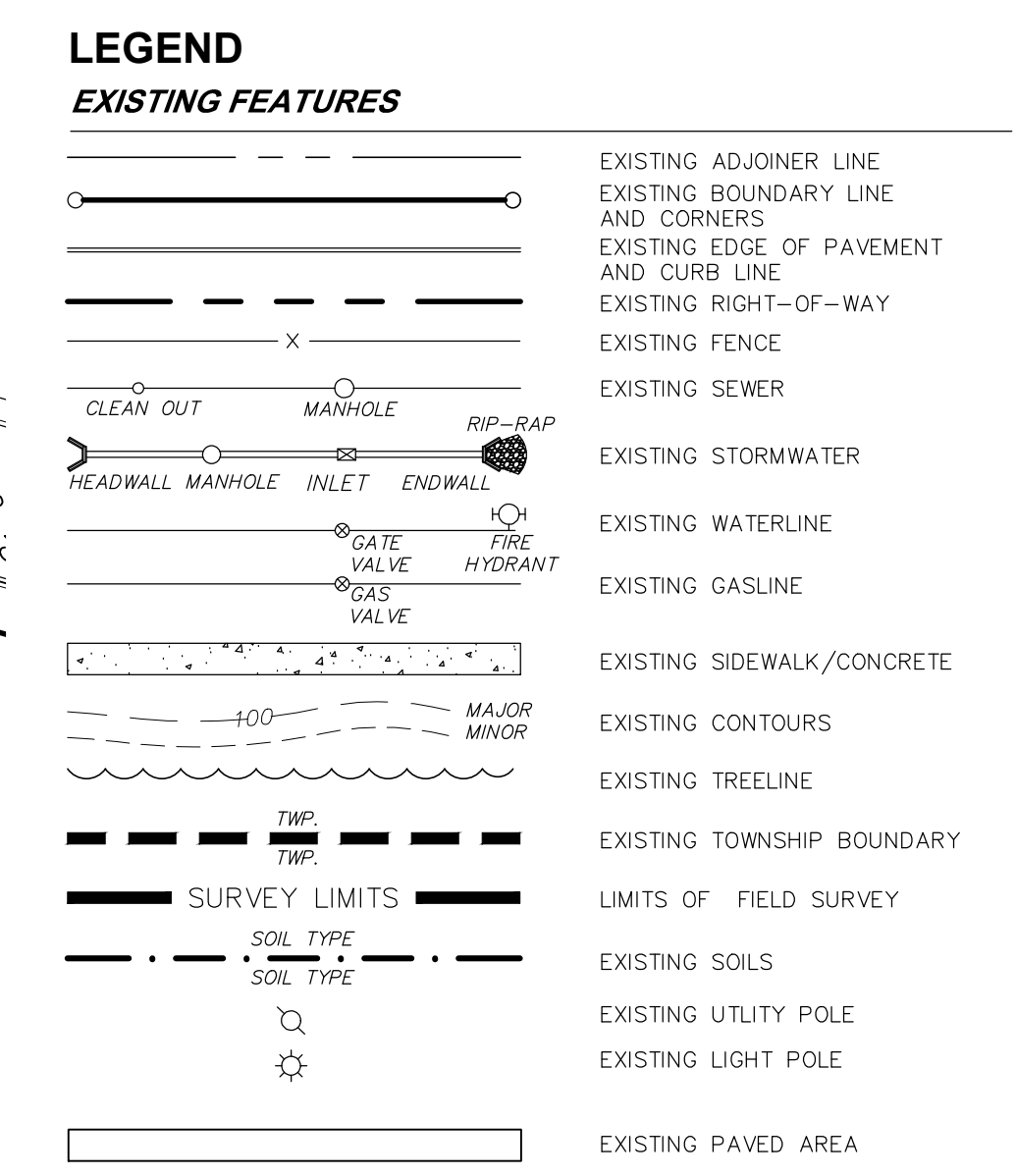
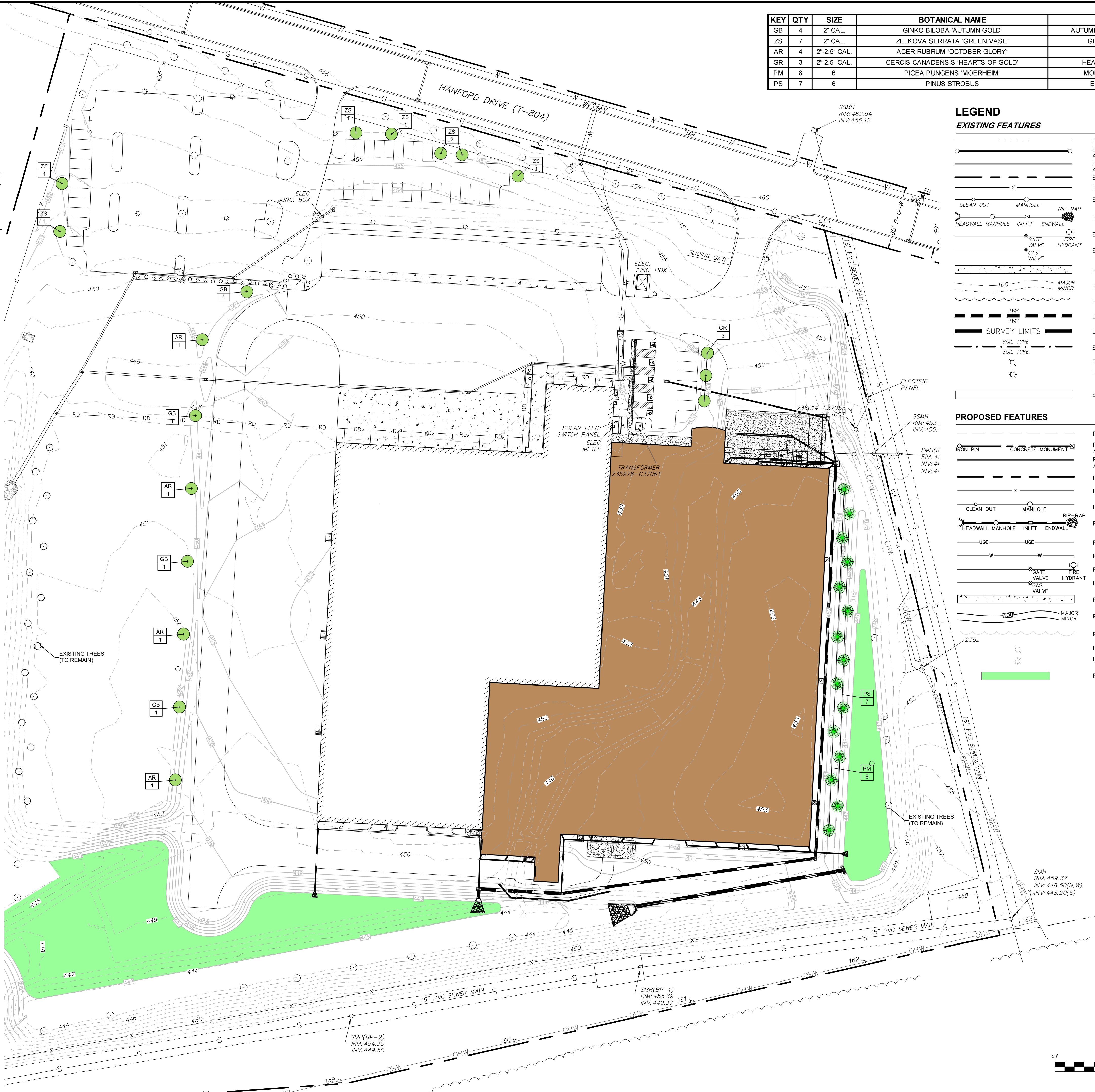


**EVERGREEN TREE PLANTING DETAIL**  
NO SCALE

- GENERAL LANDSCAPE NOTES (BY LANDSCAPE CONTRACTOR)**
- THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UTILITIES AND SHALL ASSUME RESPONSIBILITY FOR DAMAGE TO UTILITIES AND PROPERTY AS A RESULT OF HIS WORK.
  - ALL PLANT MATERIAL IS TO BE GUARANTEED FOR A PERIOD OF EIGHTEEN (18) MONTHS FROM THE DATE OF INSTALLATION AND ACCEPTANCE BY OWNER.
  - PLANT MATERIAL SHALL BE TRUE TO SPECIES AND VARIETY AND SHALL CONFORM TO MEASUREMENTS AND MINIMUM STANDARDS AS SET FORTH IN THE PLANT SCHEDULE.
  - ALL PLANTING BEDS ARE TO BE MULCHED WITH A MINIMUM OF 3" OF SHREDDED AGED HARDWOOD BARK MULCH.
  - THE CONTRACTOR IS TO PROVIDE ADDITIONAL TOPSOIL AS NEEDED FOR PLANTING OPERATIONS.
  - ALL TREES ARE TO BE STAKED AND GUYED ACCORDING TO THE PLANTING DETAILS AND ACCEPTED PROFESSIONAL NURSERYMAN'S STANDARDS. TREES WITH LESS THAN A 3" CALIPER SHALL BE PROPERLY STAKED AND MORE THAN A 3" CALIPER PROPERLY GUYED. ALL PLANTING DETAILS ARE LOCATED ON THE LANDSCAPING PLAN (SHEETS 12 & 13). ALL STREET TREES MUST BE A MINIMUM OF 2.50 INCHES IN DIAMETER.
  - THE CONTRACTOR SHALL REMOVE WIRE BASKETS AND NYLON BURLAP OR ROPE FROM THE ROOT BALL OF ALL PLANT MATERIAL.
  - APPLY A 50/50 MIX OF CHIPCO RONSTAR 6 AND PENNANT 56 TO SOIL SURFACE IN MULCHED AREAS PRIOR TO MULCHING. APPLY AT A RATE OF 7 POUNDS PER 1000 SF.
  - PLACE "WEED BLOCK" WATER PERMEABLE FILTRATION FABRIC UNDER MULCHED AREAS EXCEPT FOR AREAS OF GROUND COVER (I.E. IVY AND VINCA) AND PERENNIAL BEDS.
  - LANDSCAPE CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH ALL OTHER CONTRACTORS ON SITE.
  - ALL AREAS OTHER THAN PLANTING BED AREAS SHALL BE CONSIDERED LAWN AREAS.
  - THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN AND REMOVE/DISPOSE FROM THE SITE ALL DEBRIS THAT IS A PART OF THE LANDSCAPE CONTRACTOR'S OPERATION.
  - THE CONTRACTOR SHALL INSTALL ORANGE PLASTIC CONSTRUCTION FENCE AROUND EXISTING MATURE TREES TO PREVENT ROOT ZONE COMPACTION AND DAMAGE TO TRUNKS AND BRANCHES. THE FENCING SHALL BE INSTALLED TO PREVENT DAMAGE AT A MINIMUM OF 2/3 OF THE DIAMETER OF THE TREE CANOPY.

- LANDSCAPING LONG-TERM MAINTENANCE NOTES:**
- A QUALIFIED LANDSCAPE CONTRACTOR KNOWLEDGEABLE IN PRUNING TECHNIQUES, FERTILIZER APPLICATION, PEST CONTROL, AND LAWN CARE SHALL PERFORM ANNUAL LANDSCAPE MAINTENANCE.
  - THE INDIVIDUAL HOMEOWNERS SHALL BE RESPONSIBLE FOR REGULAR MOWING OF ALL PRIVATE LAWN AREAS. THE HOME OWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR REGULAR MOWING OF ALL COMMON AREAS.
  - ANY PLANT MATERIAL SHOWN ON THE APPROVED LANDSCAPE PLAN THAT DOES NOT SURVIVE OR IS DAMAGED SHALL BE REPLACED IN KIND BY THE OWNER WITHIN A SIX-MONTH PERIOD.

- SHORT-TERM MAINTENANCE**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING PLANT MATERIAL AND LAWN AREAS BEFORE, DURING, AND AFTER INSTALLATION UNTIL ACCEPTANCE OF PLANTINGS BY THE OWNER.
  - NEW LAWN AREAS SHALL BE MAINTAINED BY THE LANDSCAPE CONTRACTOR UNTIL FINAL ACCEPTANCE.
  - NEWLY INSTALLED PLANTINGS SHALL BE SELECTIVELY PRUNED, IF NECESSARY TO PROVIDE A NEAT AND UNIFORM APPEARANCE. ANY DEAD OR BROKEN BRANCHES SHALL BE REMOVED. ALL NOTICEABLY DISEASED OR DAMAGED PLANT MATERIAL SHALL BE REMOVED AND REPLACED PRIOR TO FINAL ACCEPTANCE.
  - LAWN AREAS SHALL BE WATERED ONCE WEEKLY DURING DRY PERIODS OF THE FIRST GROWING SEASON TO ESTABLISH A HEALTHY TURFGRASS. WATERING SHOULD OCCUR DURING THE EARLY PART OF THE DAY TO AN EVEN SATURATION DEPTH OF ONE (1) INCH.
  - ALL GUYING AND STAKING SHALL BE MAINTAINED REGULARLY TO ASSUME PLANT STABILIZATION AND STRAIGHT, UNIFORM GROWTH FOR AT LEAST THE FIRST YEAR FOLLOWING THE DATE OF PLANTING.
  - NEWLY PLANTED TREES AND SHRUBS SHALL BE WATERED REGULARLY DURING ANY DRY PERIODS TO COMPLETELY SATURATE THE ROOT BALL DURING THE FIRST GROWING SEASON.
  - ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES AND VARIETY AND SHALL CONFORM TO MEASUREMENTS AND MINIMUM STANDARDS AS SET FORTH IN THE PLANT SCHEDULE.
  - DISEASE, INSECT AND WEED CONTROL AND PREVENTION SHOULD BE PERFORMED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS FOR NEWLY PLANTED LANDSCAPES DURING THE FIRST SEASON.
  - ALL PLANT MATERIAL IS TO BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF INSTALLATION AND ACCEPTANCE BY THE OWNER.



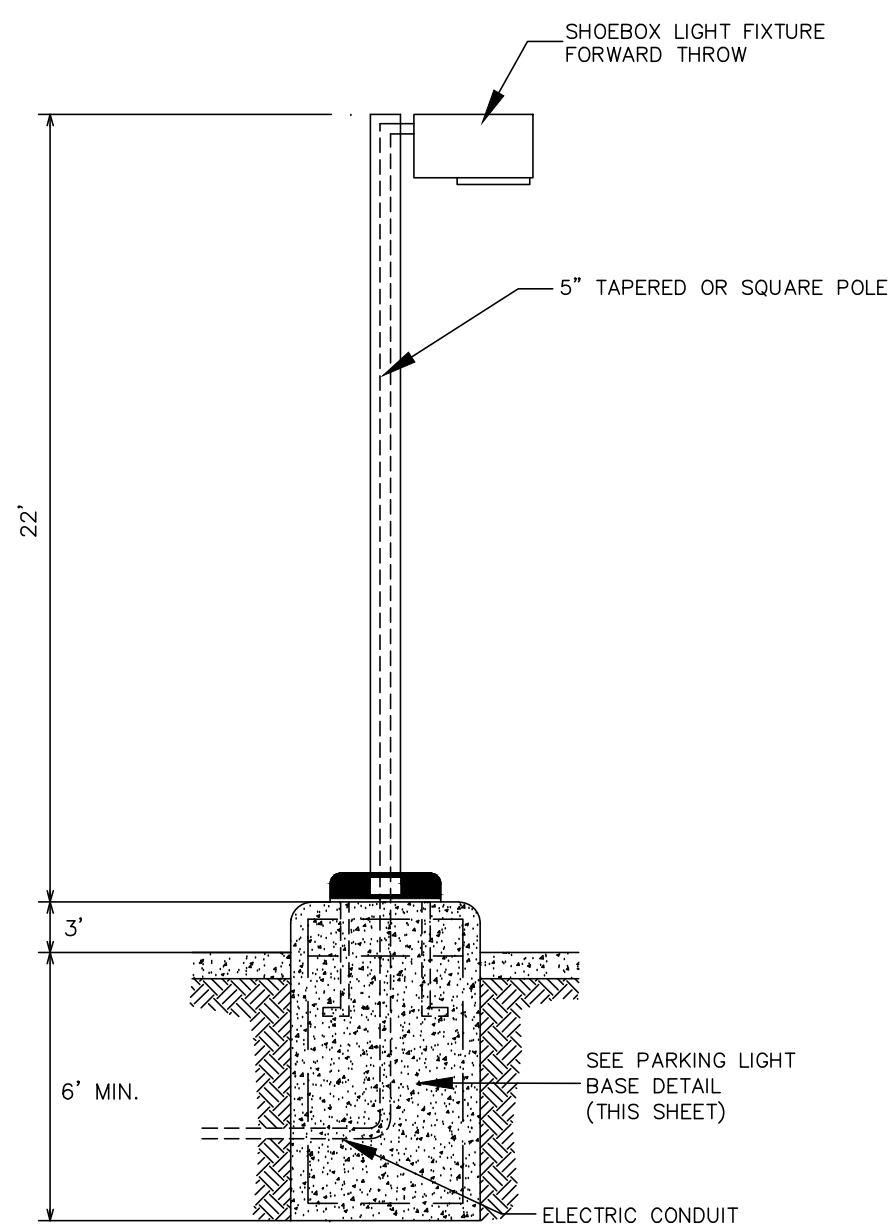
BY	DATE	REVISION

BY	DATE	REVISION

**LANDSCAPING PLAN**  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania

**RES**  
 Steckbeck Engineering & Surveying, Inc.  
 279 Lebanon, Pennsylvania 17042  
 Phone: (717) 272-7110  
 Fax: (717) 272-7348

FIELD CREW: MOD,JEC  
 BASE MAP: JEC  
 DRAWN: CDS  
 DESIGN: CDS  
 CHECKED: SAS  
 DATE: 02/26/24  
 SCALE: 1" = 50'  
 PROJECT # 2368-23-001

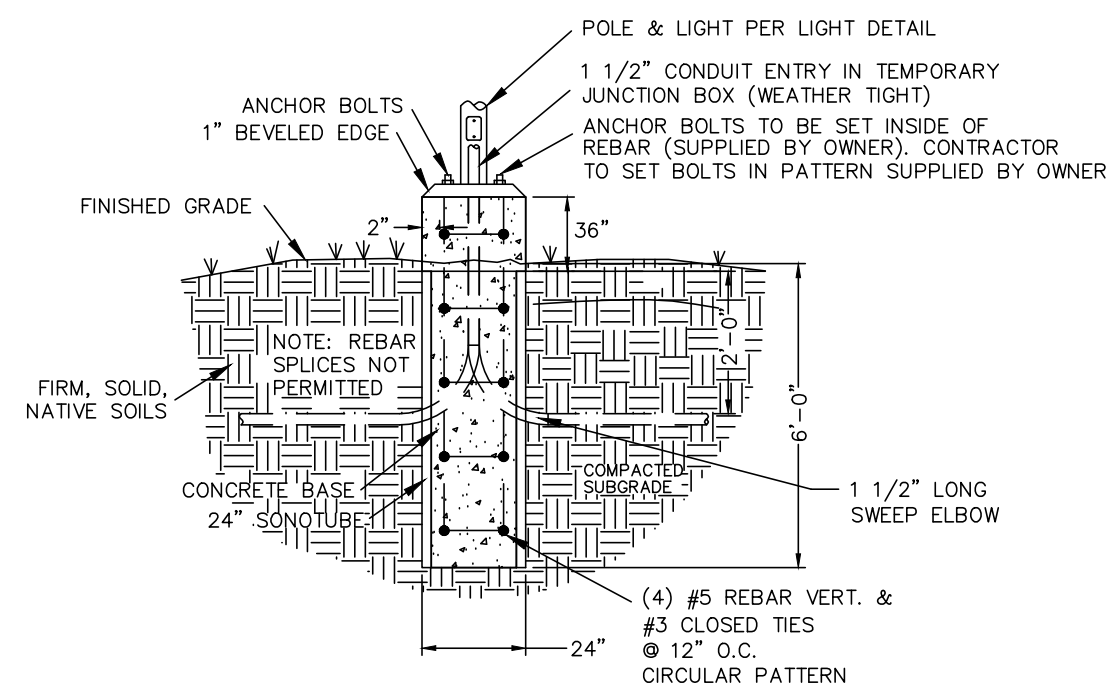


Installation/Mounting In Accordance With Light Standards Manufacturers Specifications.

NOTE: This detail is a typical detail only. Site conditions and/or pole/fixture type may vary. Consult with pole/fixture manufacturer for foundation requirements.

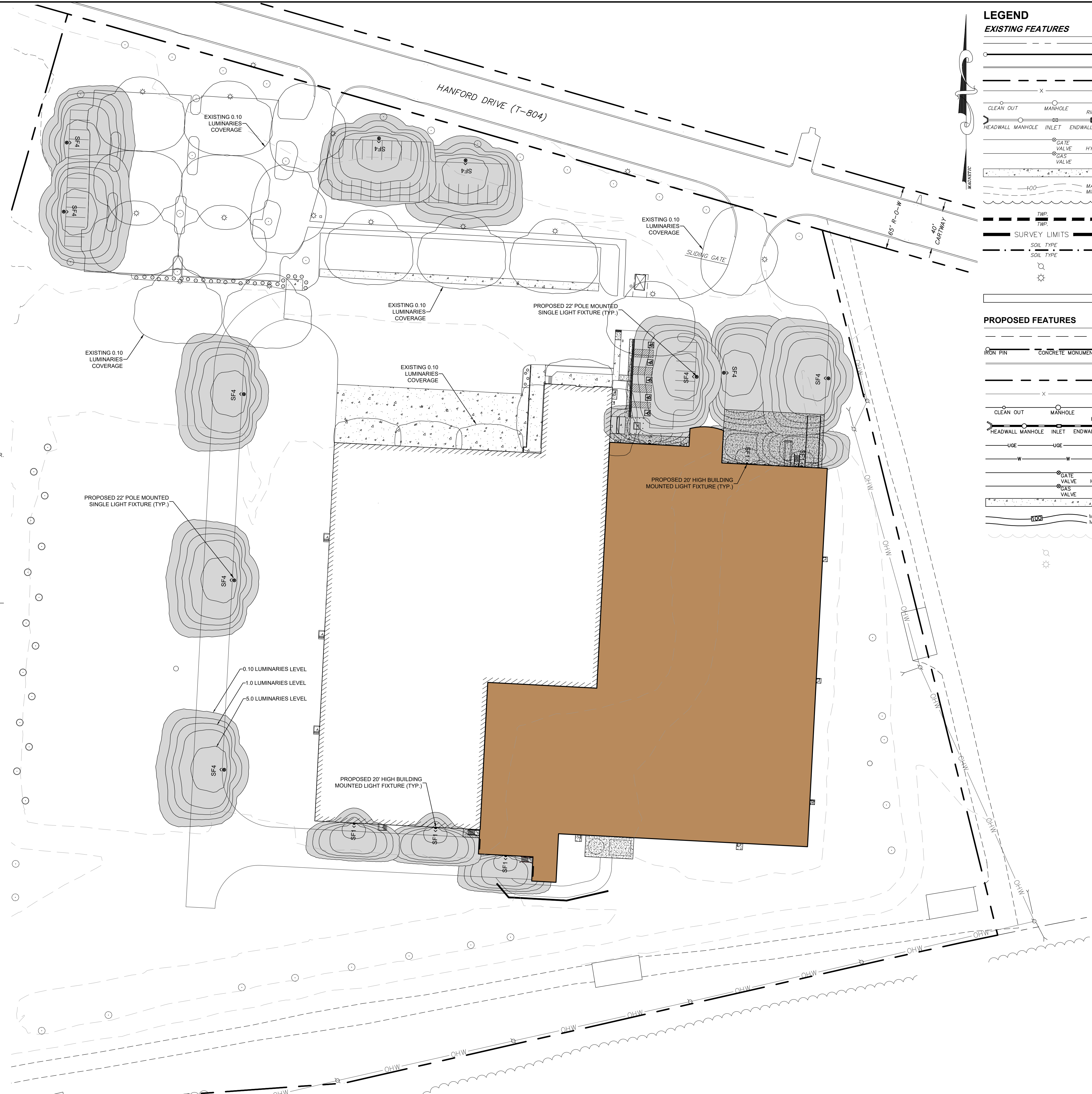
**TYPICAL 20' POLE & FOUNDATION**

NO SCALE



**PARKING LIGHT BASE DETAIL**

NO SCALE

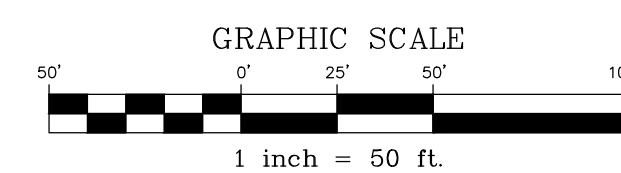


**LEGEND**  
**EXISTING FEATURES**

- EXISTING ADJOINER LINE
- EXISTING BOUNDARY LINE AND CORNERS
- EXISTING EDGE OF PAVEMENT AND CURB LINE
- EXISTING RIGHT-OF-WAY
- EXISTING FENCE
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING WATERLINE
- EXISTING GASLINE
- EXISTING SIDEWALK/CONCRETE
- EXISTING CONTOURS
- EXISTING TREELINE
- EXISTING TOWNSHIP BOUNDARY
- LIMITS OF FIELD SURVEY
- EXISTING SOILS
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING PAVED AREA

**PROPOSED FEATURES**

- PROPOSED BUILDING SETBACK
- PROPOSED BOUNDARY LINE AND CORNERS
- PROPOSED EDGE OF PAVEMENT AND CURB LINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED FENCE
- PROPOSED SEWER
- PROPOSED STORMWATER
- PR. ELECTRIC SERVICE LINE
- PR. WATER SERVICE LINE
- PROPOSED DOMESTIC WATERLINE
- PROPOSED GASLINE
- PROPOSED CONCRETE/SIDEWALK
- PROPOSED CONTOURS
- PROPOSED TREELINE
- PROPOSED UTILITY POLE
- PROPOSED LIGHT POLE

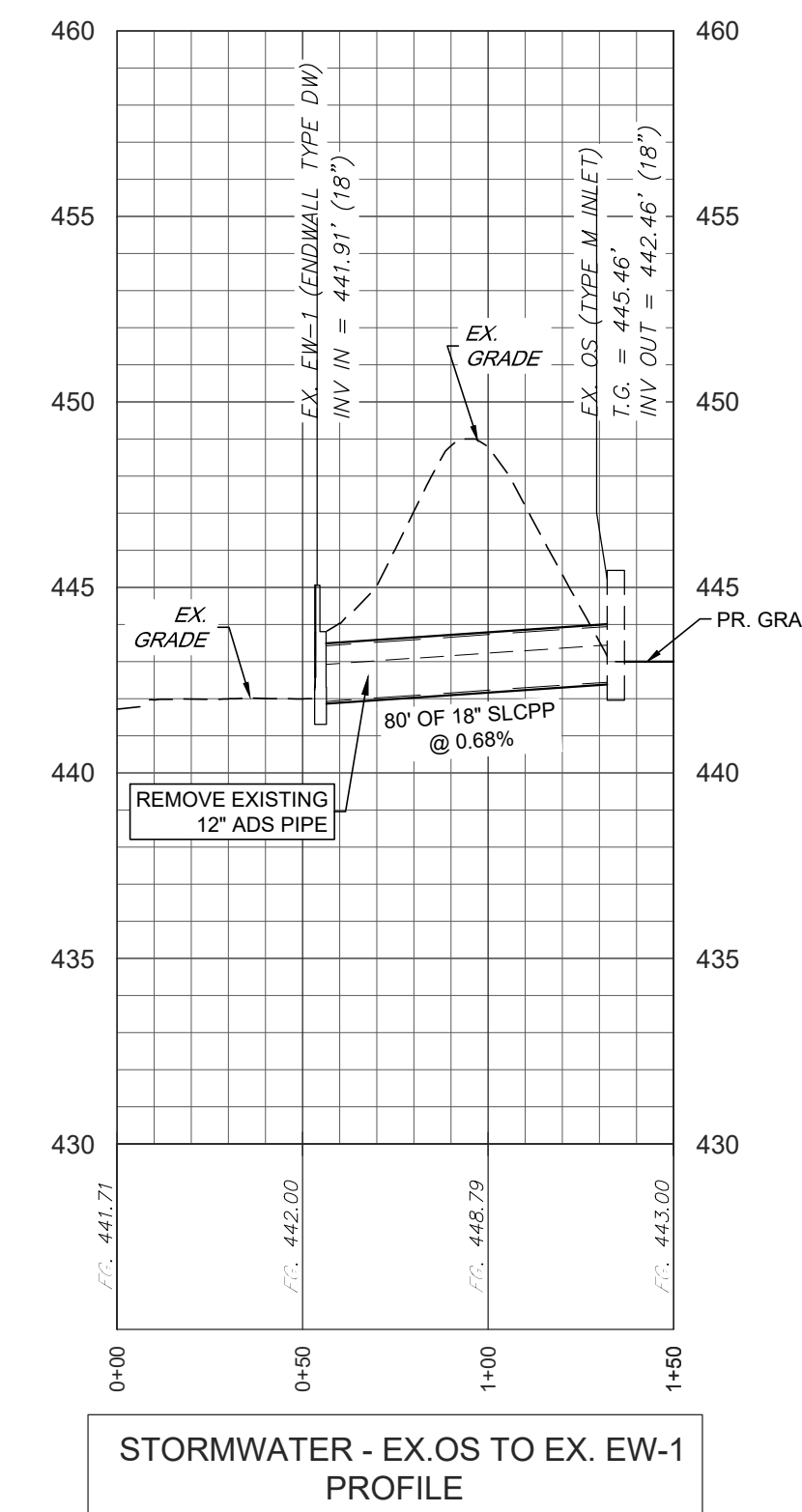
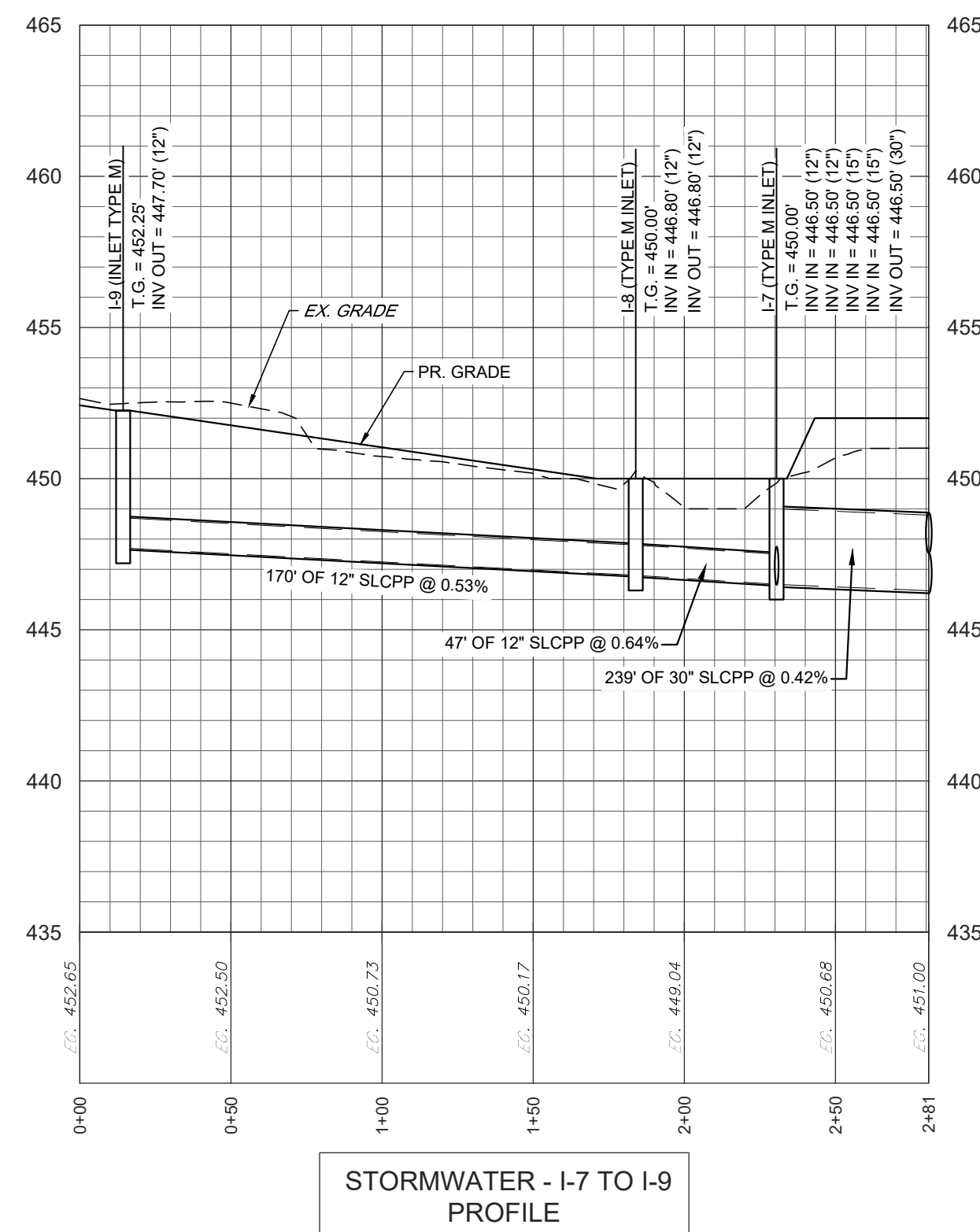
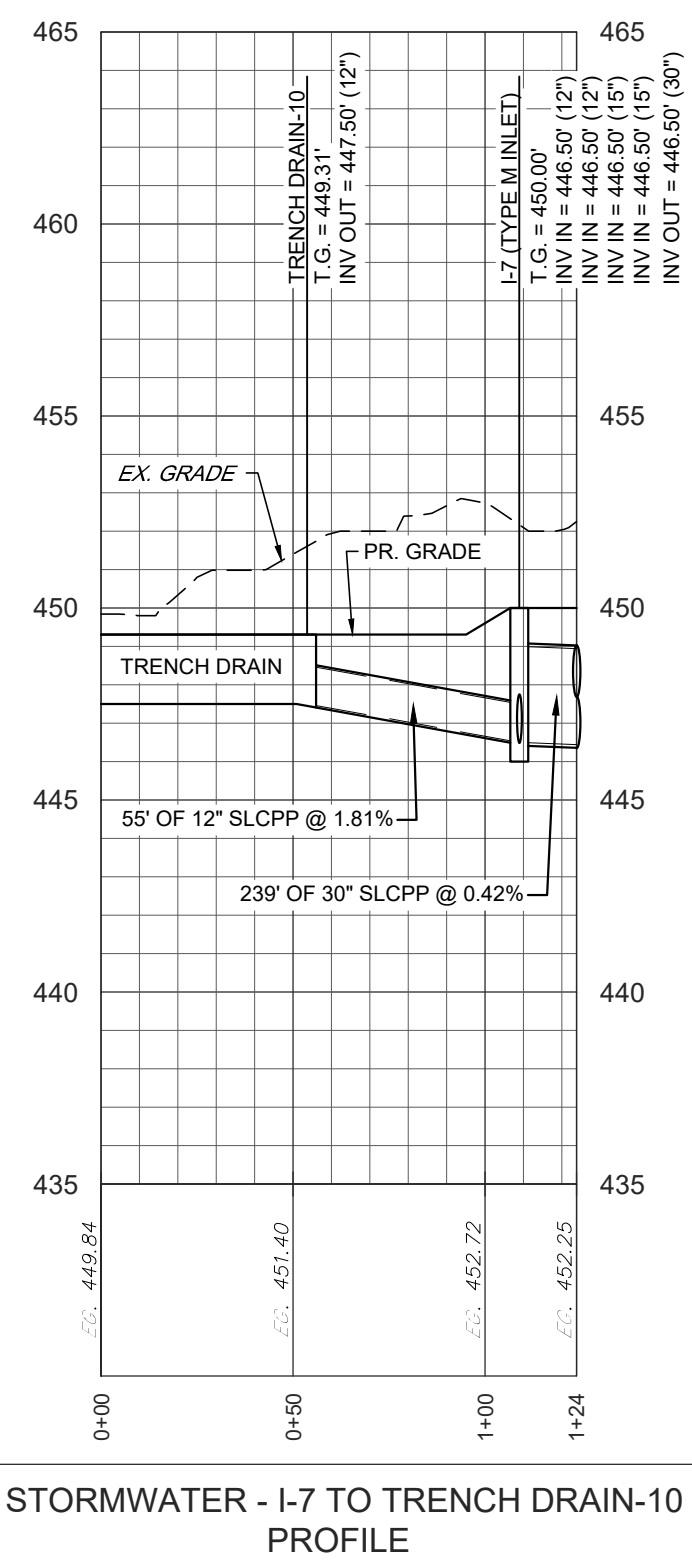
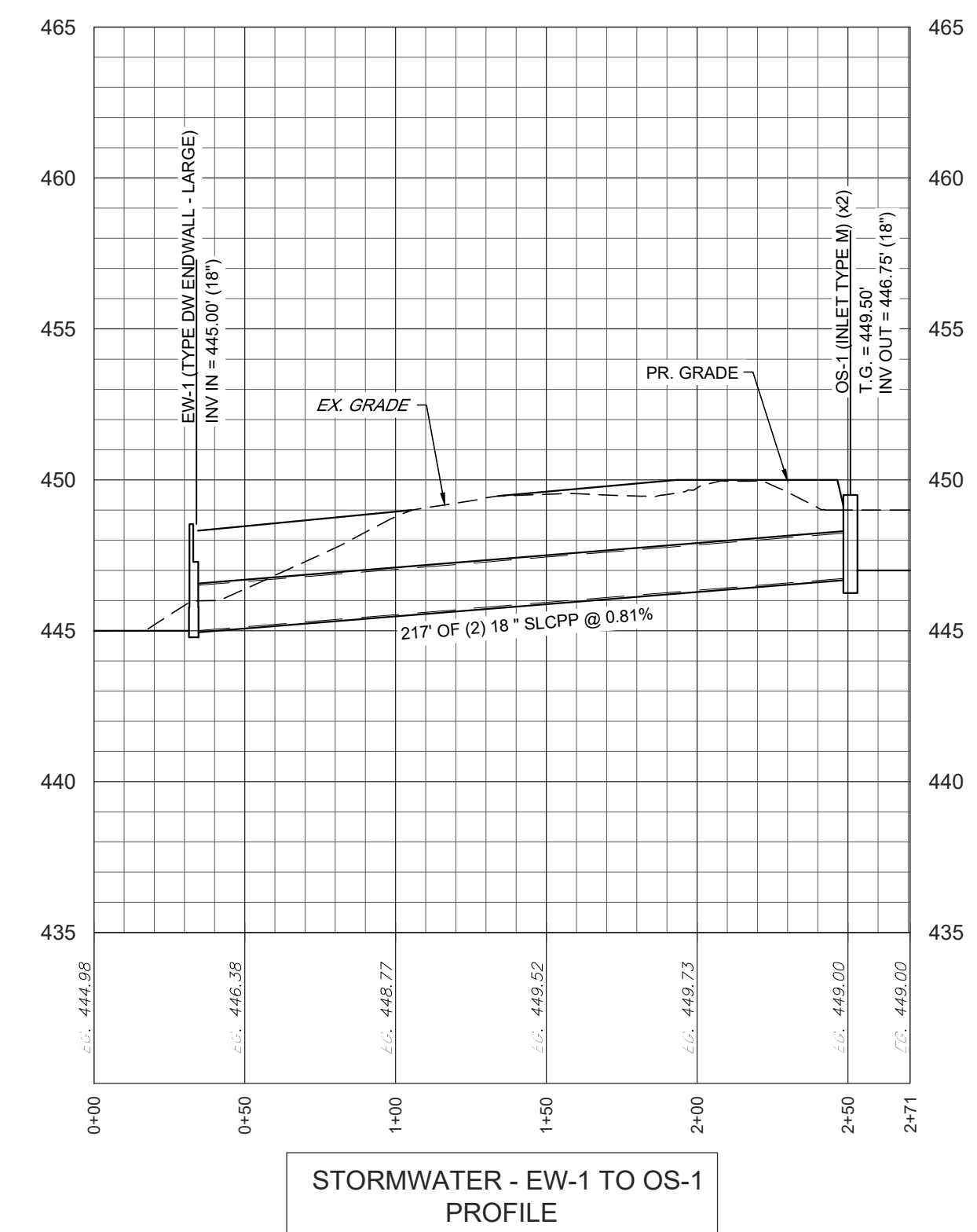
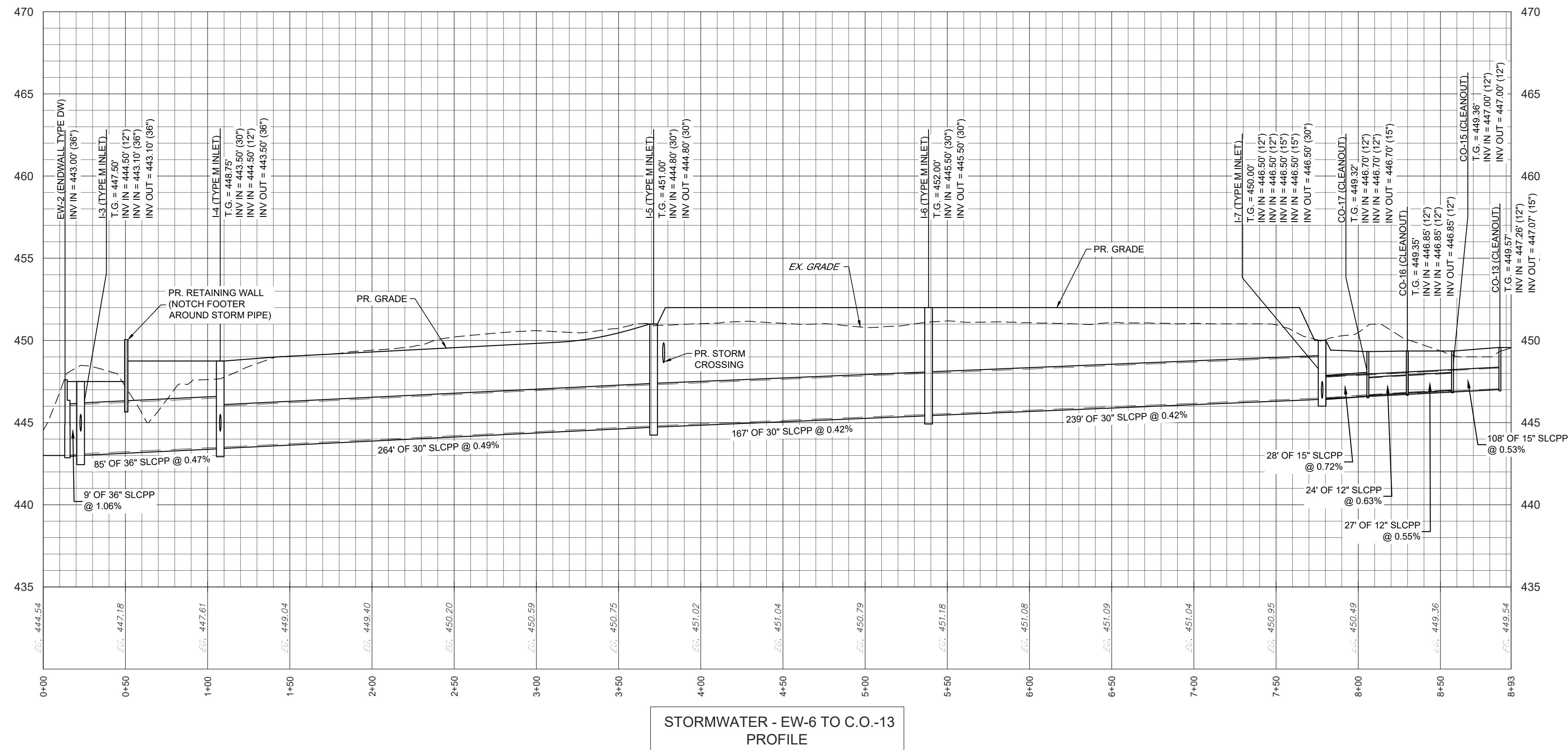


BY	---
DATE	---

REVISION	---
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**LIGHTING PLAN**  
For  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
**SCOUT COLD LOGISTICS, LLC**  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania

FIELD CREW:	MOD, JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	1" = 50'
PROJECT #	2368-23-001

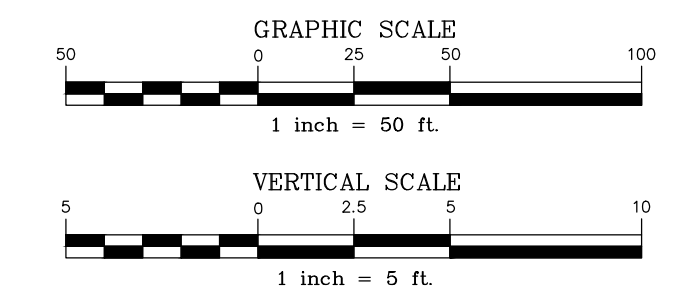


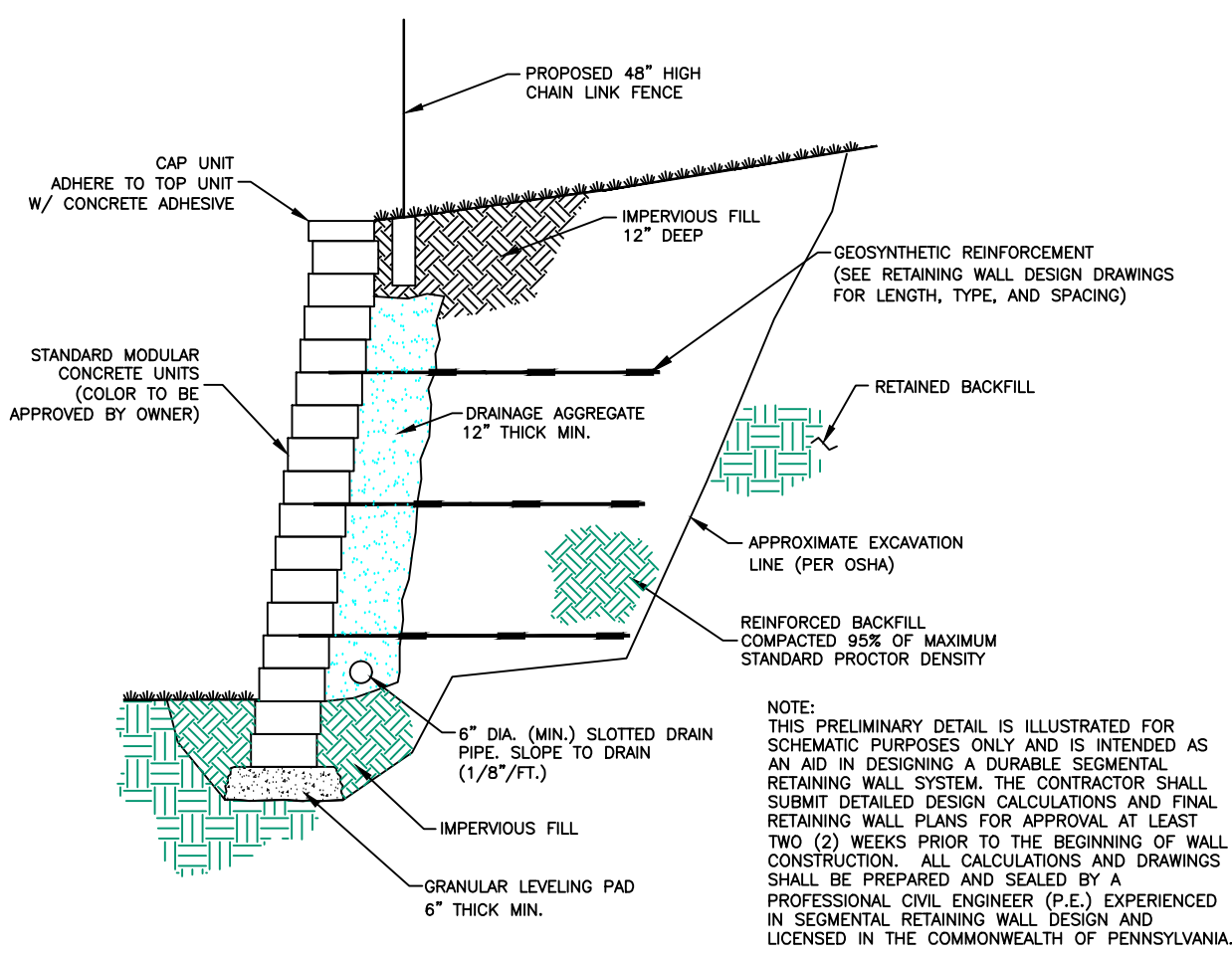
REVISION	DATE	BY

**PROFILES**  
 For  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania



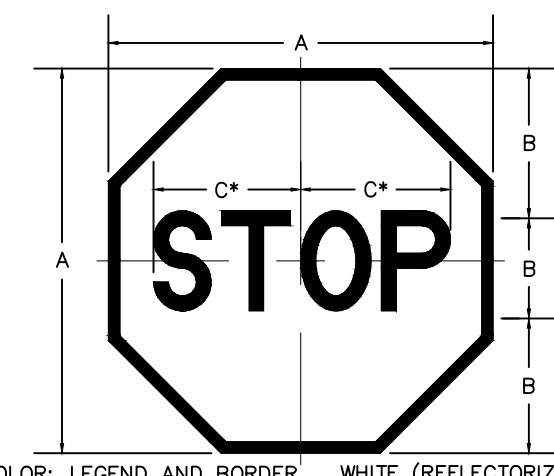
FIELD CREW:	MOD,JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	AS NOTED
PROJECT #	2368-23-001





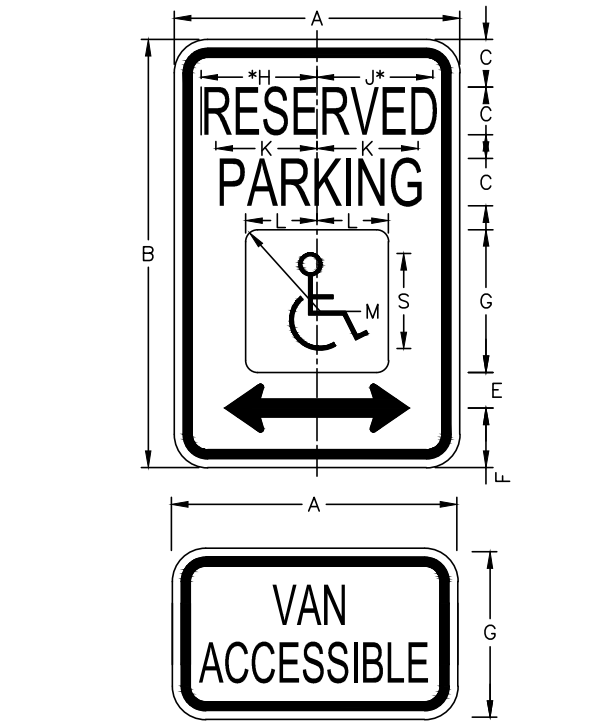
**TYPICAL SECTION-REINFORCED RETAINING WALL**

NO SCALE



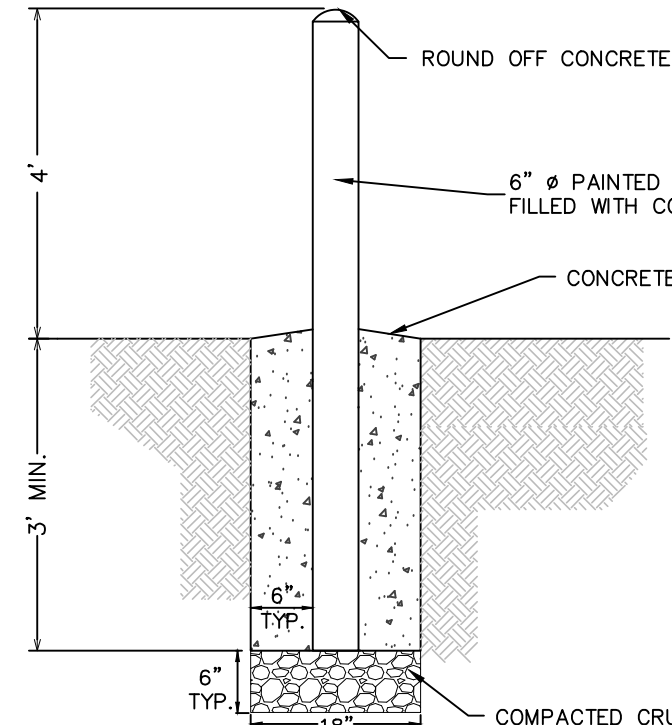
**STOP SIGN DETAIL**

NO SCALE



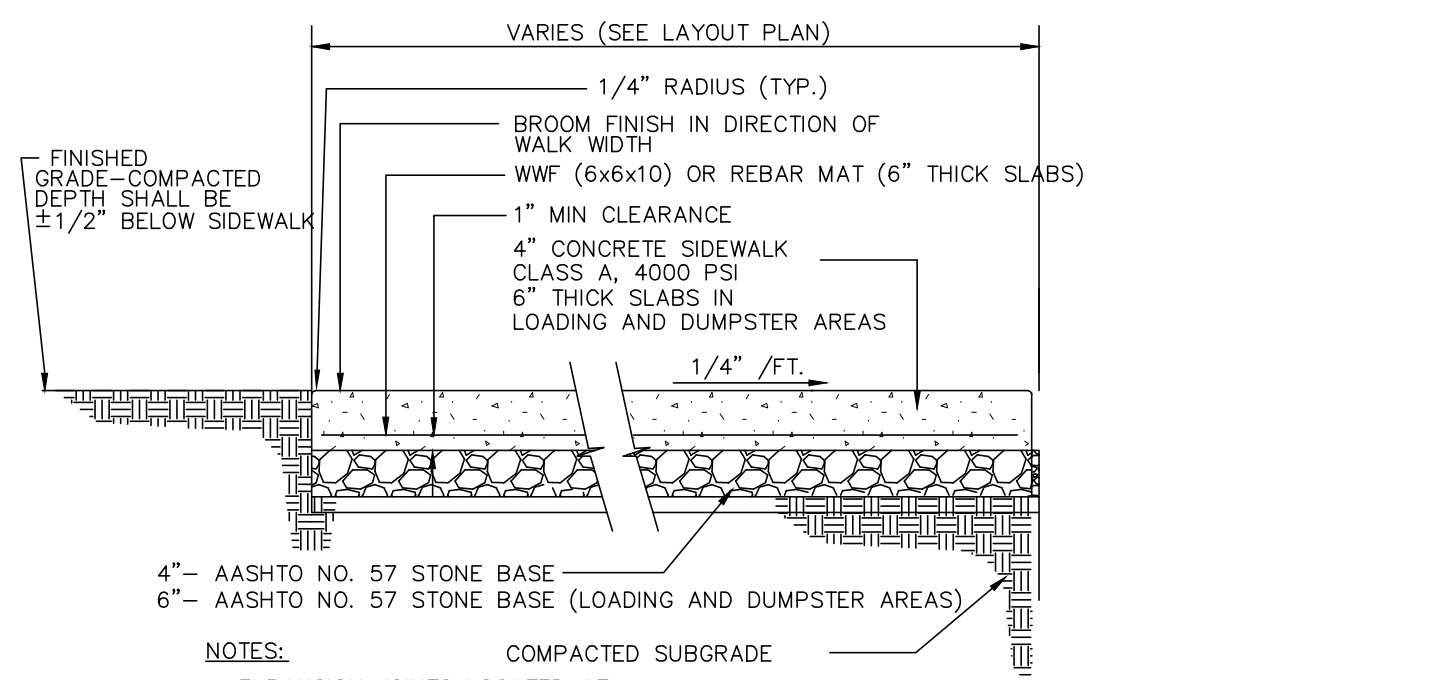
**ADA SIGNAGE DETAIL**

NO SCALE



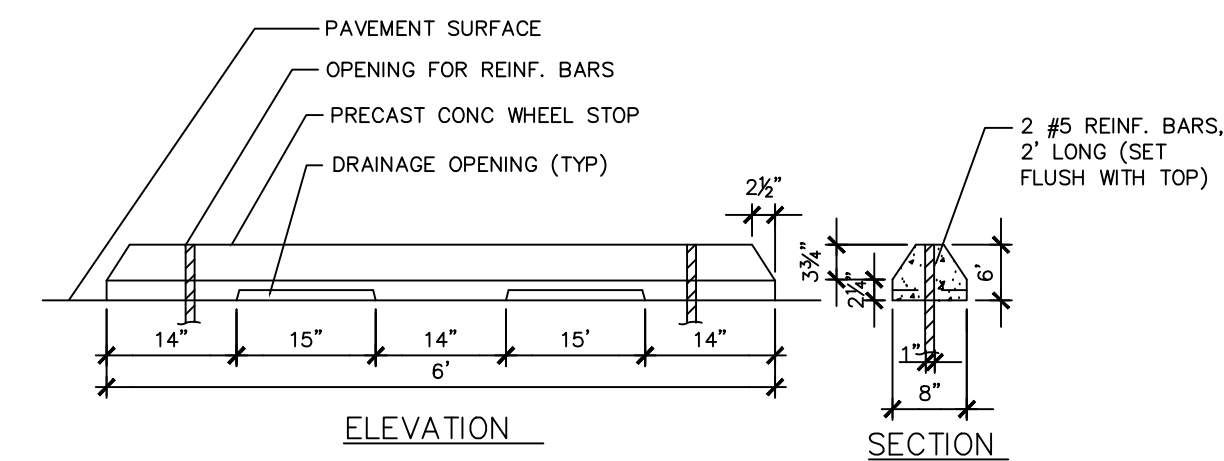
**PIPE BOLLARD DETAIL**

NO SCALE



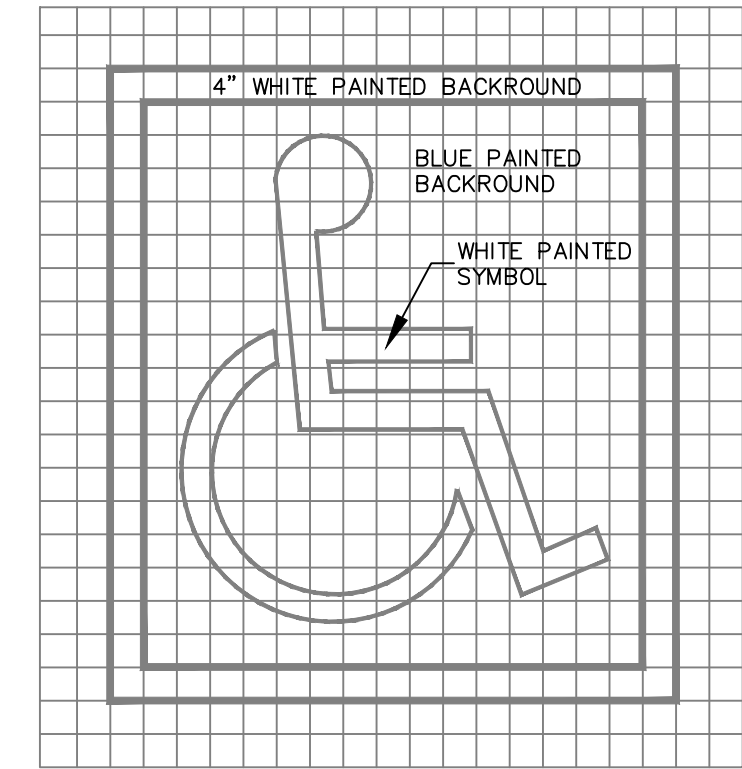
**CONCRETE SIDEWALK DETAIL**

NO SCALE



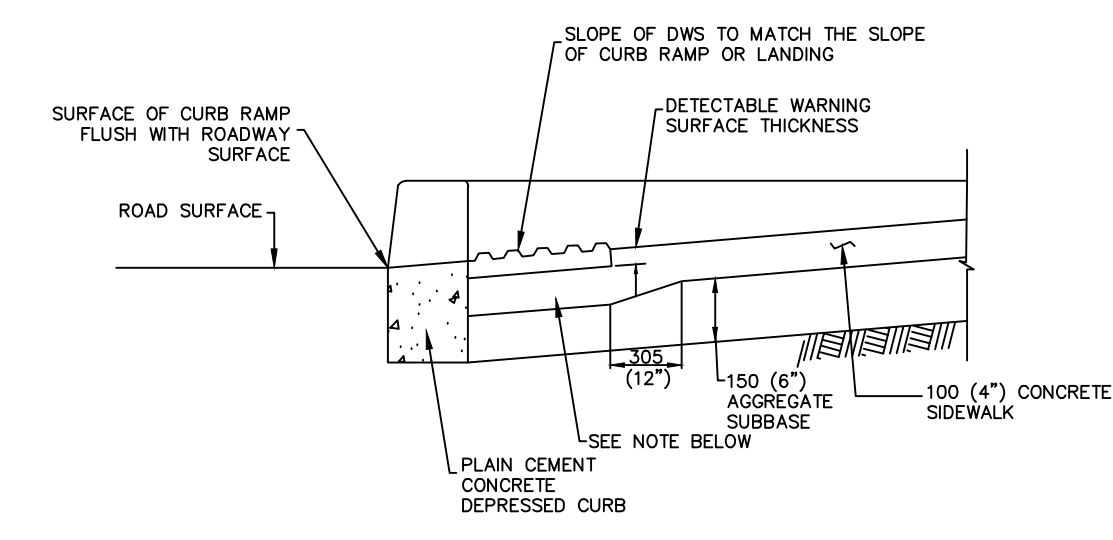
**TYPICAL WHEEL STOP DETAIL**

NO SCALE



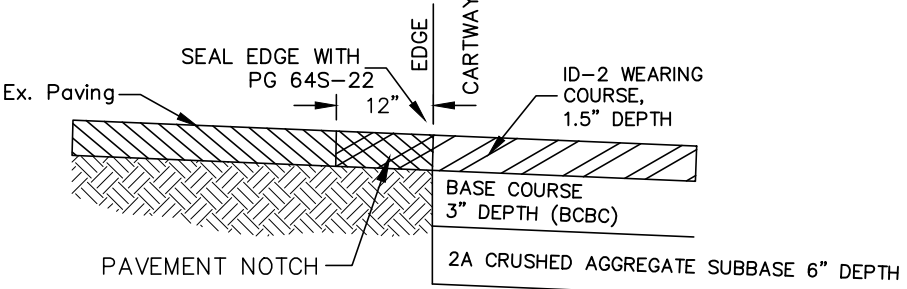
**TYPICAL PAINTED ACCESSIBLE SYMBOL DETAIL**

NO SCALE



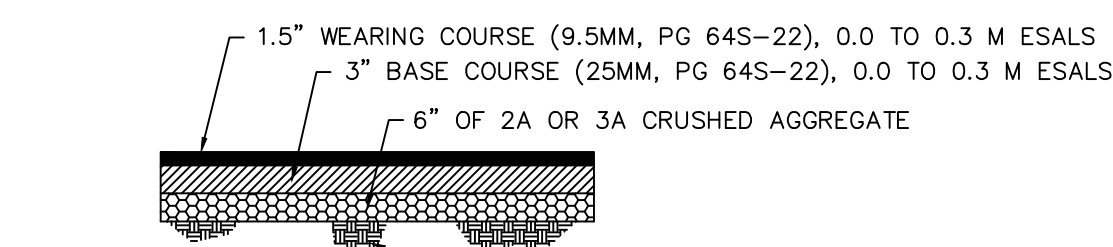
**DETECTABLE WARNING SURFACE DETAIL**

NO SCALE



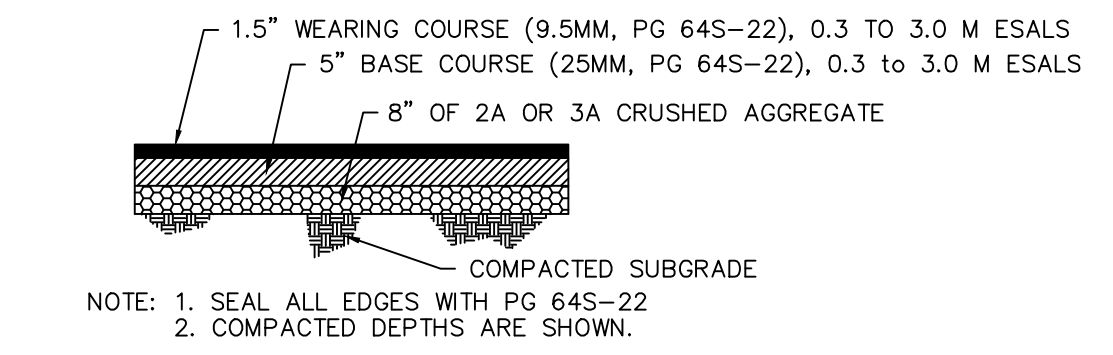
**PAVEMENT NOTCH DETAIL**

NO SCALE



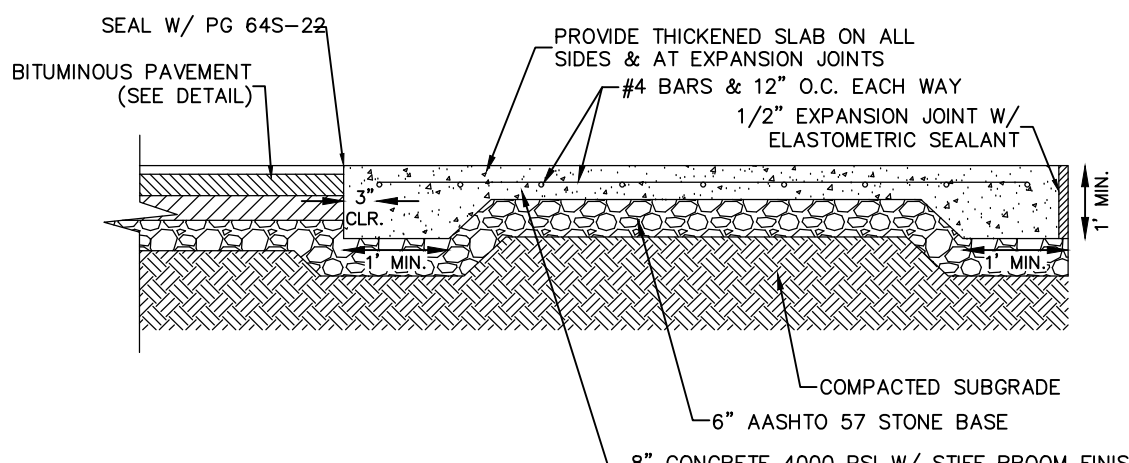
**STANDARD PAVING DETAIL (PARKING LOTS ONLY)**

NO SCALE



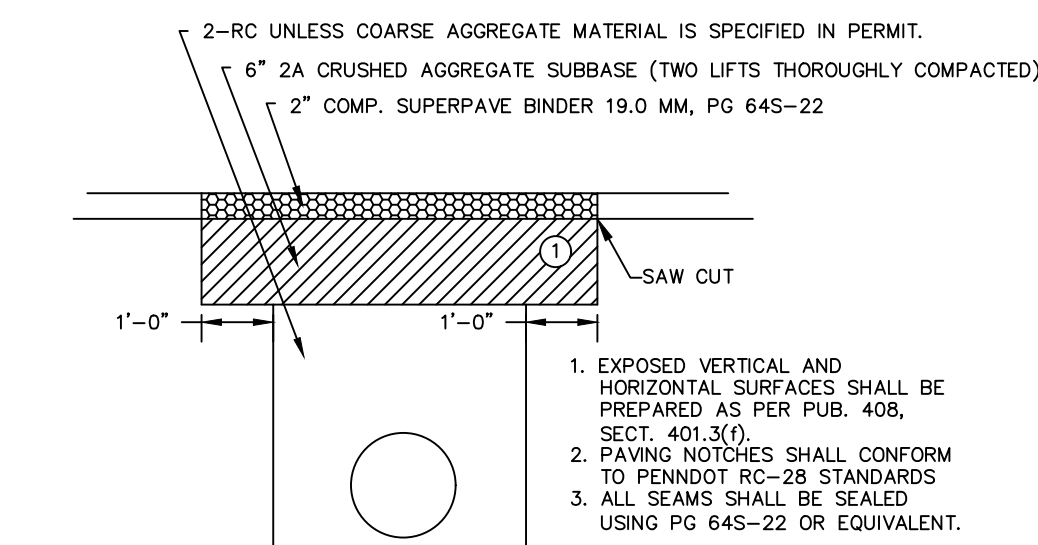
**HEAVY LOADING PAVING DETAIL (MAIN ACCESS AND TRUCK LOADING/UNLOADING AREA)**

NO SCALE



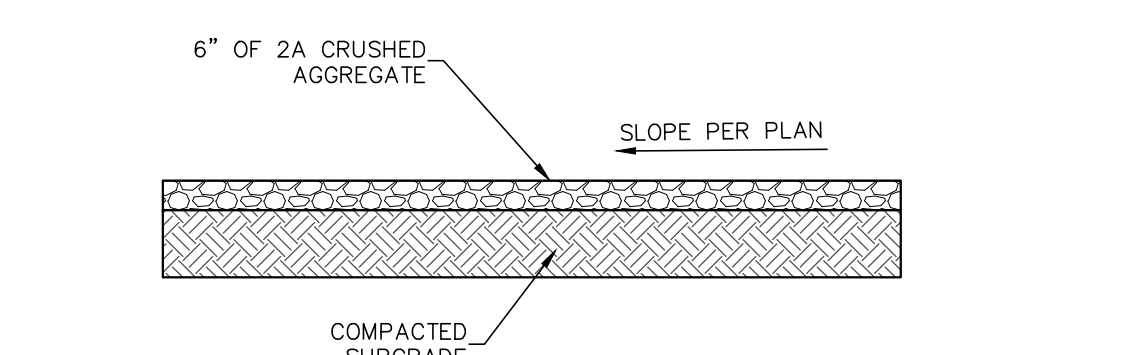
**CONCRETE LOADING AREA DETAIL**

NO SCALE



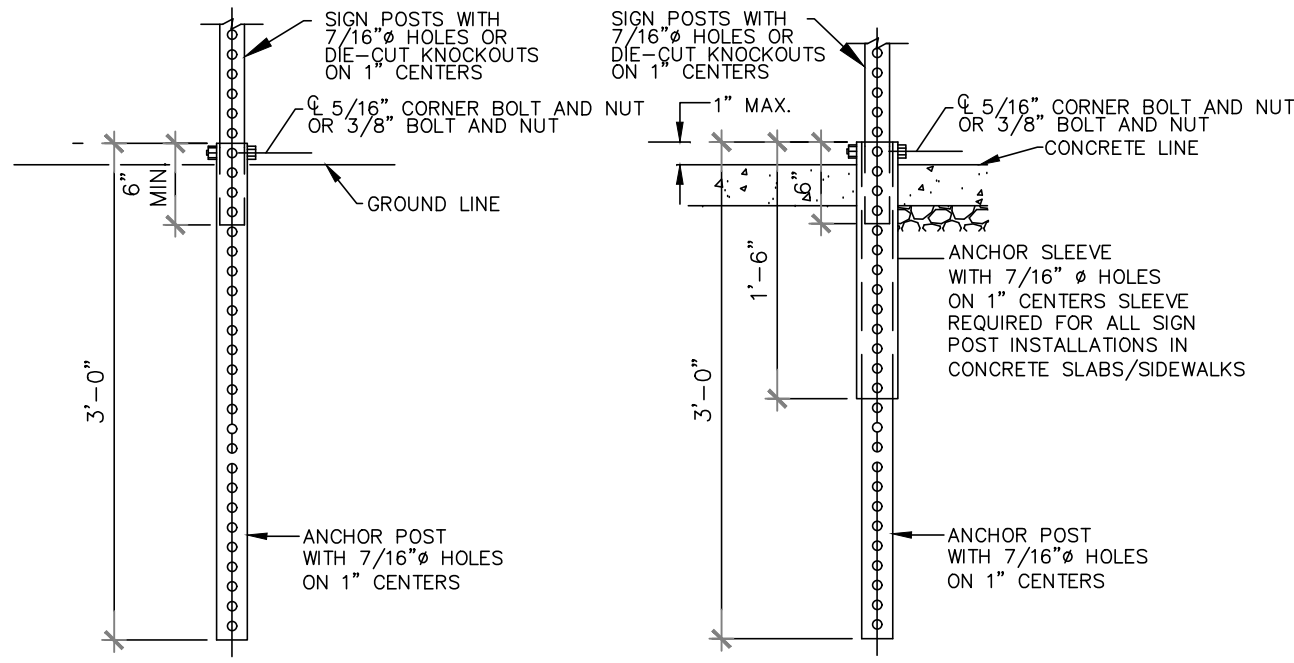
**TEMPORARY PAVEMENT RESTORATION**

NO SCALE



**STONE ACCESS/MAINTENANCE DRIVE DETAIL**

NO SCALE

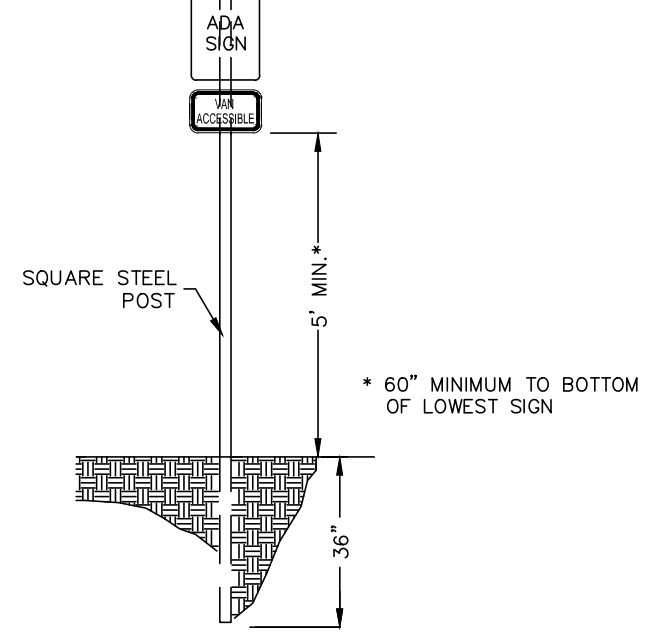


**INSTALLATION DETAIL (STANDARD)**

NO SCALE

**INSTALLATION DETAIL (CONCRETE)**

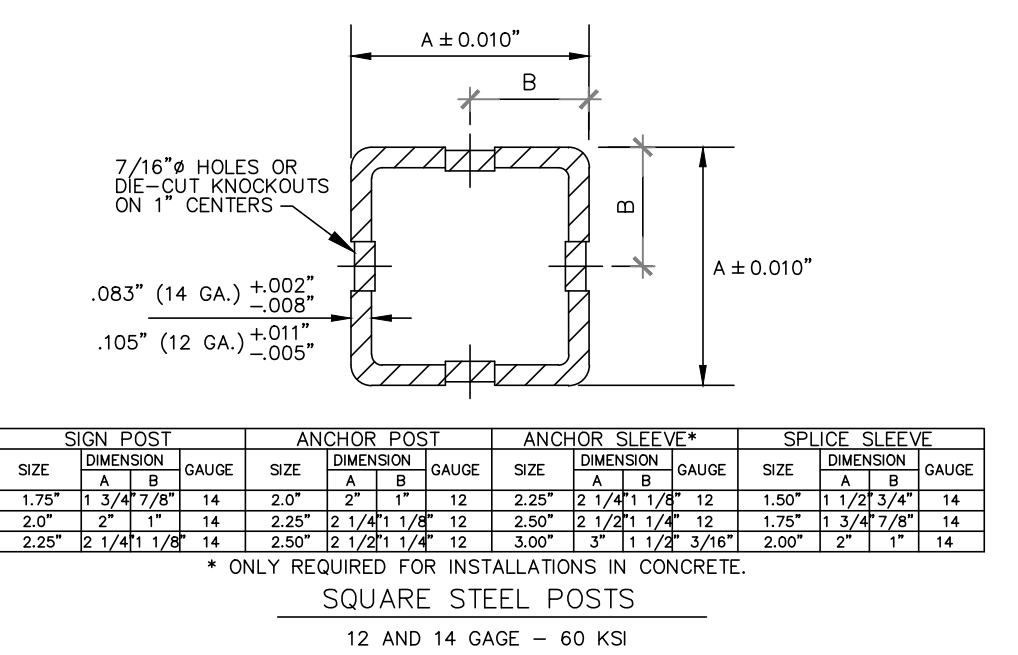
NO SCALE



**ADA SIGN POST DETAIL**

NO SCALE

INSTALLATION NOTES  
1. ALL SIGNS LOCATED ALONG STREETS SHALL BE MOUNTED ON BREAKAWAY SIGN POSTS.



**SITE SIGN POST SIGNAGE DETAIL**

NO SCALE

POST SCHEDULE

SIGN SIZE	POST SIZE	SIGN SIZE	POST SIZE
8" X 8"	1.75	30" X 30"	1.75
12" X 18"	1.75	30" X 30"	1.75
12" X 24"	1.75	30" X 30"	2.0
12" X 30"	1.75	30" X 30"	2.0
12" X 36"	1.75	30" X 30"	2.0
12" X 48"	1.75	30" X 30"	2.0
18" X 18"	1.75	36" X 36"	2.0
18" X 24"	1.75	36" X 36"	2.0
18" X 30"	1.75	36" X 36"	2.0
18" X 36"	1.75	36" X 36"	2.0
18" X 48"	2.0	48" X 60"	TWO POSTS
24" X 18"	1.75	60" X 30"	TWO POSTS
24" X 24"	1.75	60" X 30"	TWO POSTS
24" X 30"	2.0	60" X 30"	TWO POSTS
24" X 36"	2.0	60" X 30"	TWO POSTS

INSTALLATION NOTES  
1. MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH PUB. 408  
2. SIGN POSTS AND SPLICE SLEEVES SHALL HAVE 7/16" DIAMETER HOLES OR DE-OUT KNOCKOUTS ON 1" CENTERS ON ALL FOUR SIDES. ANCHOR POSTS AND ANCHOR SLEEVES SHALL HAVE 7/16" DIAMETER HOLES ON 1" CENTERS ON ALL FOUR SIDES.  
3. BOLTS AND NUTS SHALL VE ASTM-307, GRADE 2  
4. DRIVE RIVETS MAY BE USED TO FASTEN SIGN BLANKS TO THE SIGN POST.

**STOP SIGN POST DETAIL**

NO SCALE

BY	DATE	REVISION

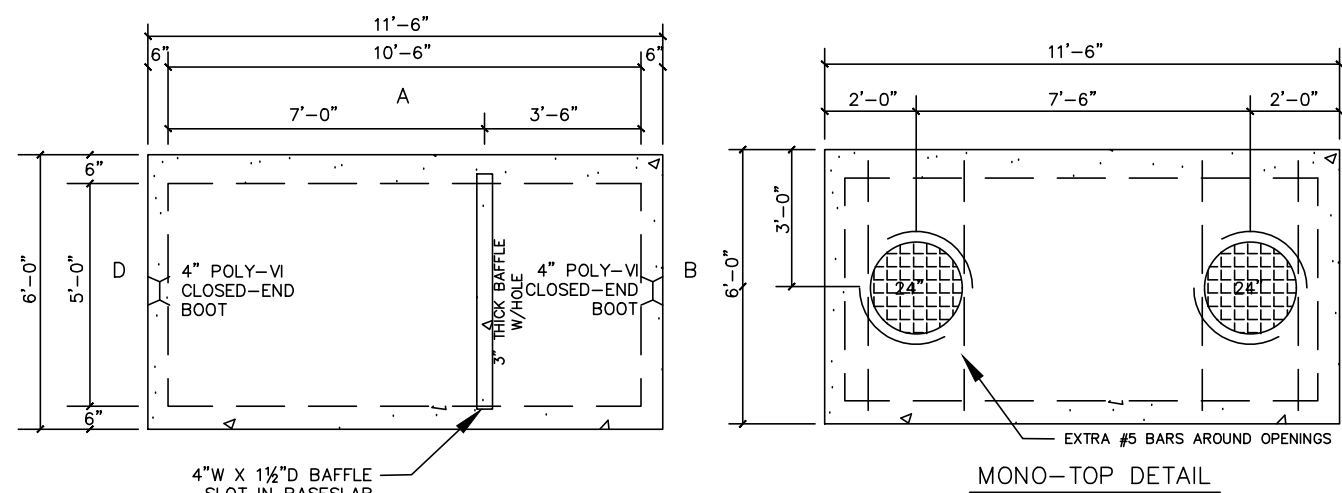
BY	DATE	REVISION

PRELIMINARY/FINAL LAND DEVELOPMENT PLANS  
For  
**SCOUT COLD LOGISTICS, LLC**  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania

**ES**  
Steckbeck Engineering & Surveying Inc.  
279 Lebanon, Pennsylvania 17042  
Phone: (717) 272-7110  
Fax: (717) 272-7348

FIELD CREW:	MOD, JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	AS NOTED
PROJECT #	2368-23-001





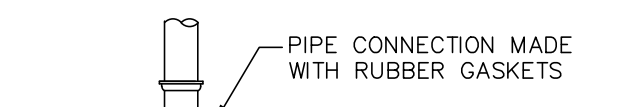
**GREASE TRAP DETAIL**

NO SCALE

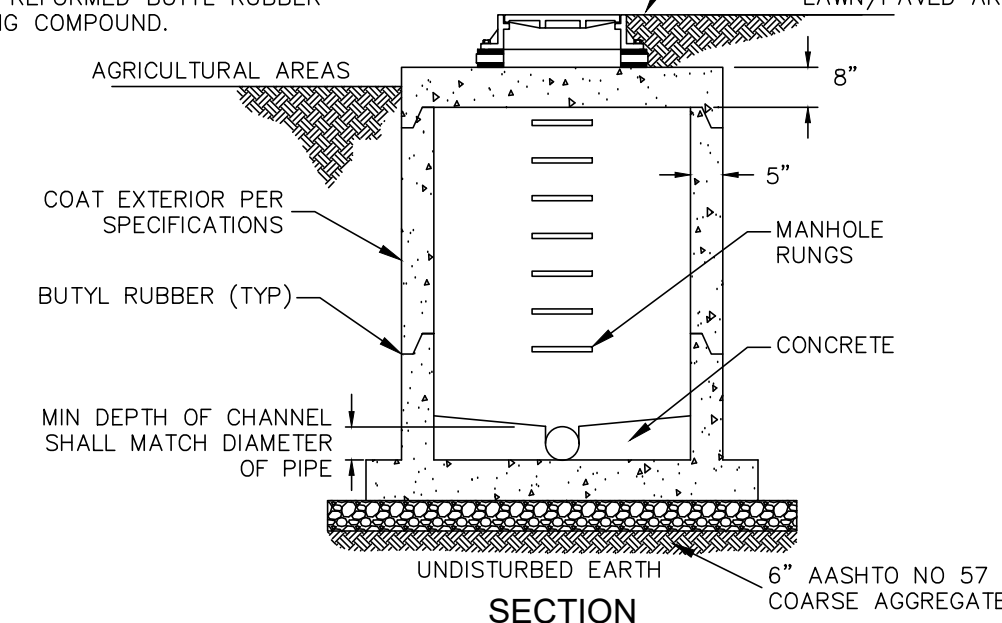
NOTES:  
 1. CONCRETE 28 DAY COMP. STRENGTH FC = 4000 PSI.  
 2. PRECAST STRUCTURES ARE PRODUCED TO MEET OR EXCEED ASTM SPECIFICATIONS.  
 3. CONTRACTOR TO VERIFY SIZE AND LOCATION OF ALL OPENINGS.  
 4. ALL INTERNAL PIPING DONE BY OTHERS.  
 5. JOINT SEALANT INCLUDED.  
 6. DIMENSIONS SHOWN ON DETAIL ARE BASED UPON AN 1500 GAL. TANK.  
 60"X120"X60"

**NOTES**

1. ADJUST TO GRADE WITH CAST IN PLACE CONCRETE. SEE STANDARD MANHOLE FRAME & COVER DETAIL.
2. MECHANICALLY VIBRATED PRECAST CONCRETE SHALL CONFORM TO A.S.T.M. C-478.
3. SEAL ALL JOINTS INSIDE & OUTSIDE WITH PREFORMED BUTYL RUBBER SEALING COMPOUND.

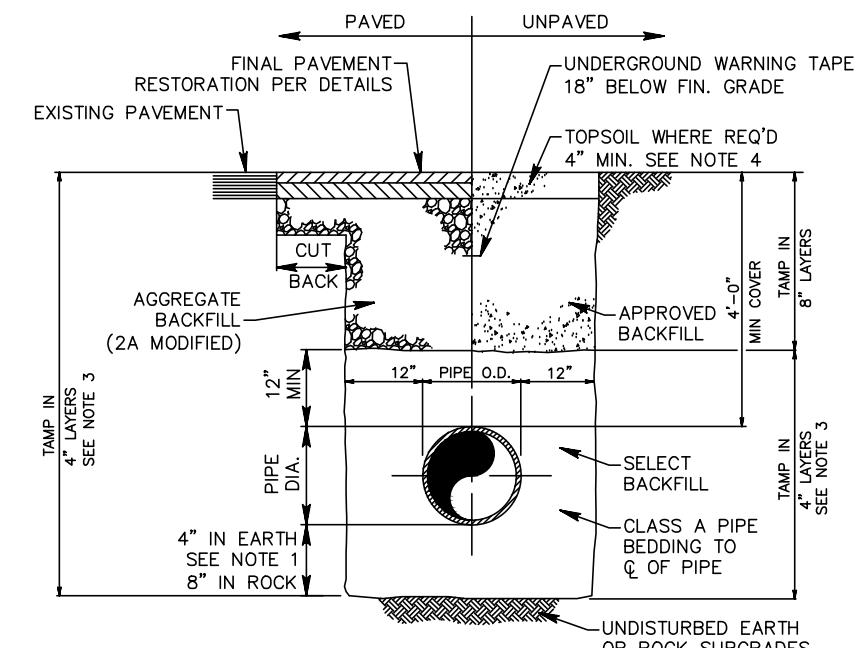


**PLAN**



**SAMPLING MANHOLE DETAIL**

NO SCALE

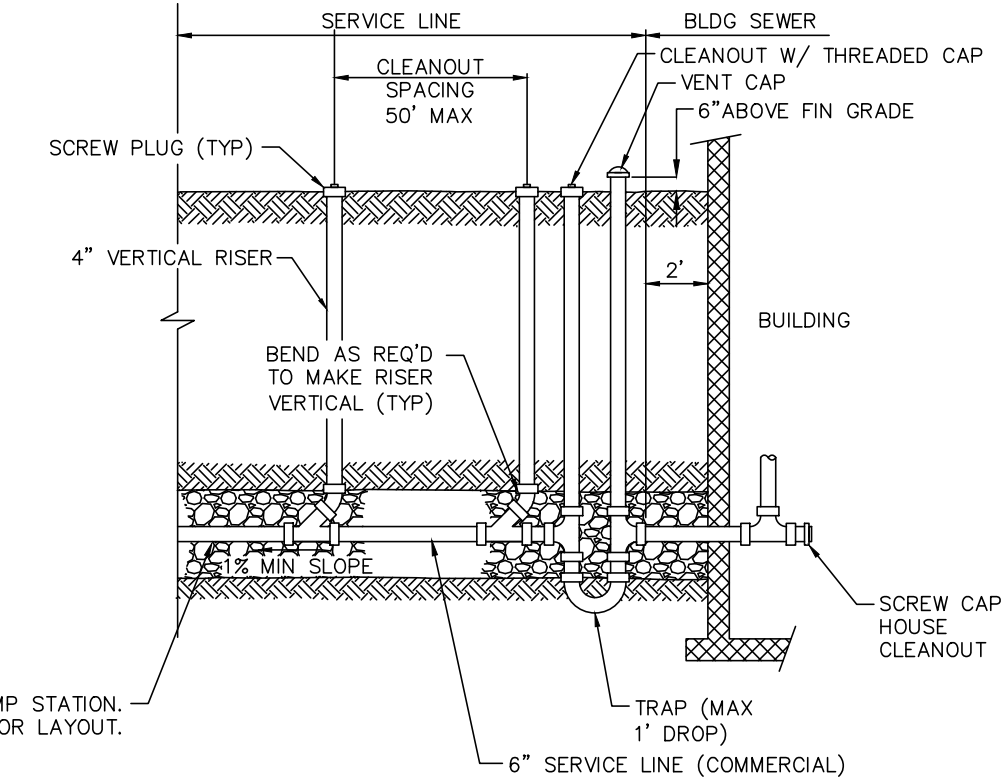


**TRENCH BACKFILL DETAIL**

NO SCALE

**TRENCH BACKFILL DETAIL**

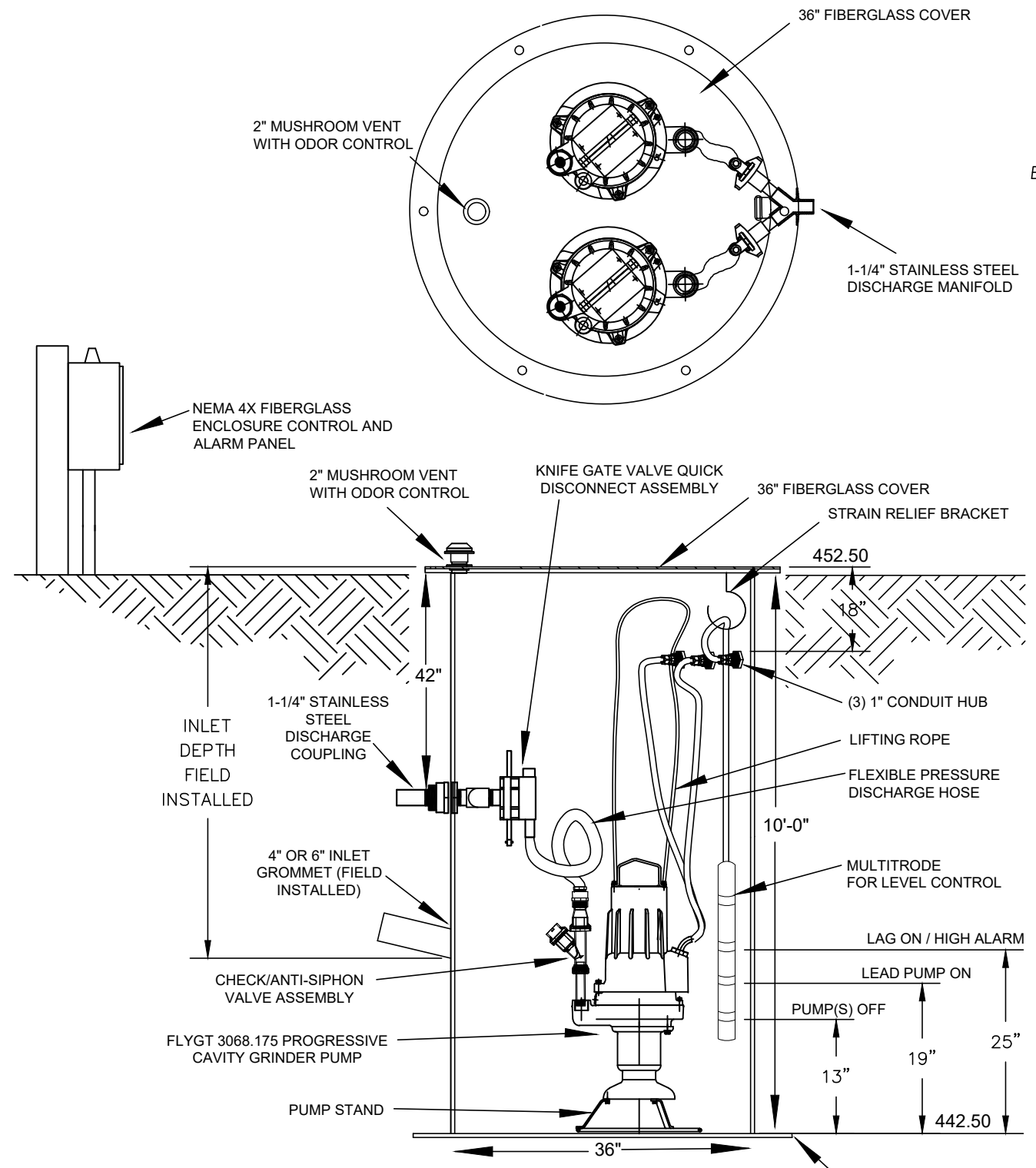
NO SCALE



**BUILDING SEWER DETAIL**

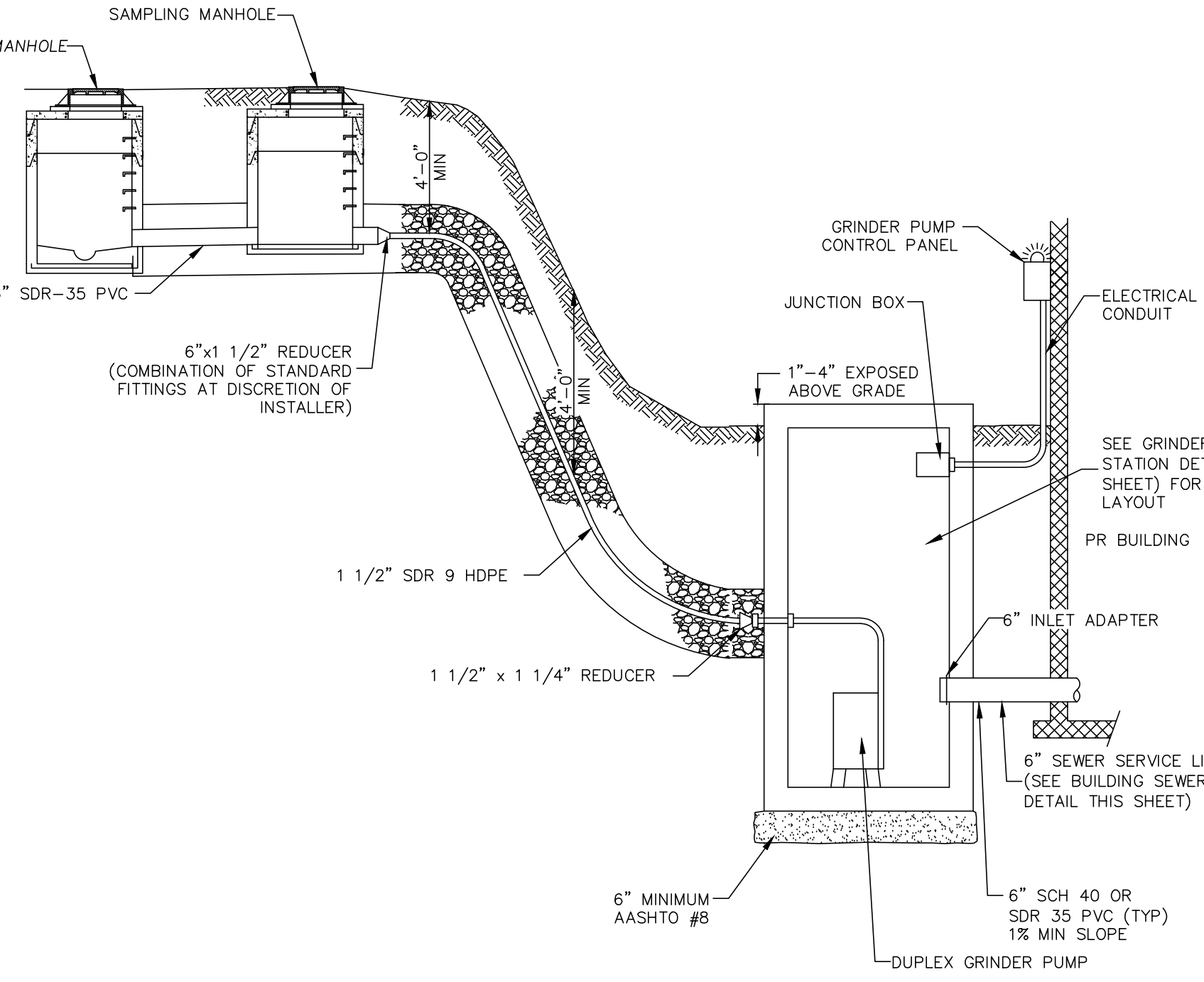
NO SCALE

WALLS	PIPE SIZE	PIPE INVERT	HOLE UP	HOLE UP	PRODUCTION YARDAGE	WEIGHTS	REINFORCEMENT
B	4" PVC	+3.92	4" RUBBER BOOT	47"	BASE 2.61 CYDS	11,361	#4 @ 10 O.C. W/ 2" COVER
D	6" PVC	+4.17	6" RUBBER BOOT	50"	WALL		VERT. #4 @ 12" V. (DEPTH)
					BAFFLE 0.24 CYDS	987	#4 @ 12" O.C. W/ 2" COVER
					MONO-TOP 2.68 CYDS	10,861	#4 @ 10 O.C. W/ 2" COVER
					CASTING	3170000	(2) USF 170 RINGS
						3000000	150 12" DIA. E. COARSE "CAL INTERLOCK"
REMARKS:							STEEL WGT. CONC. WGT.



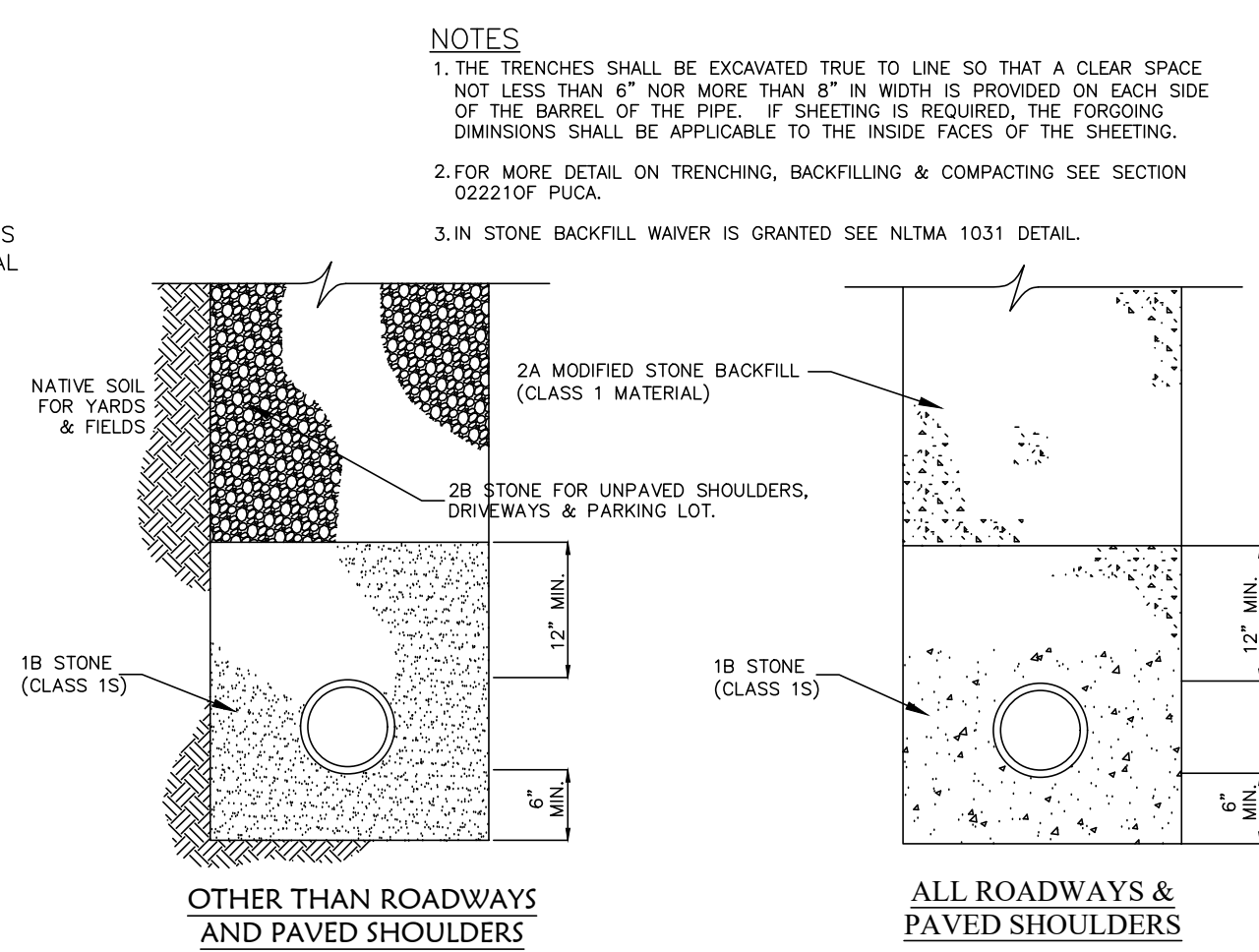
**DUPLEX GRINDER PUMP DETAIL**

NO SCALE



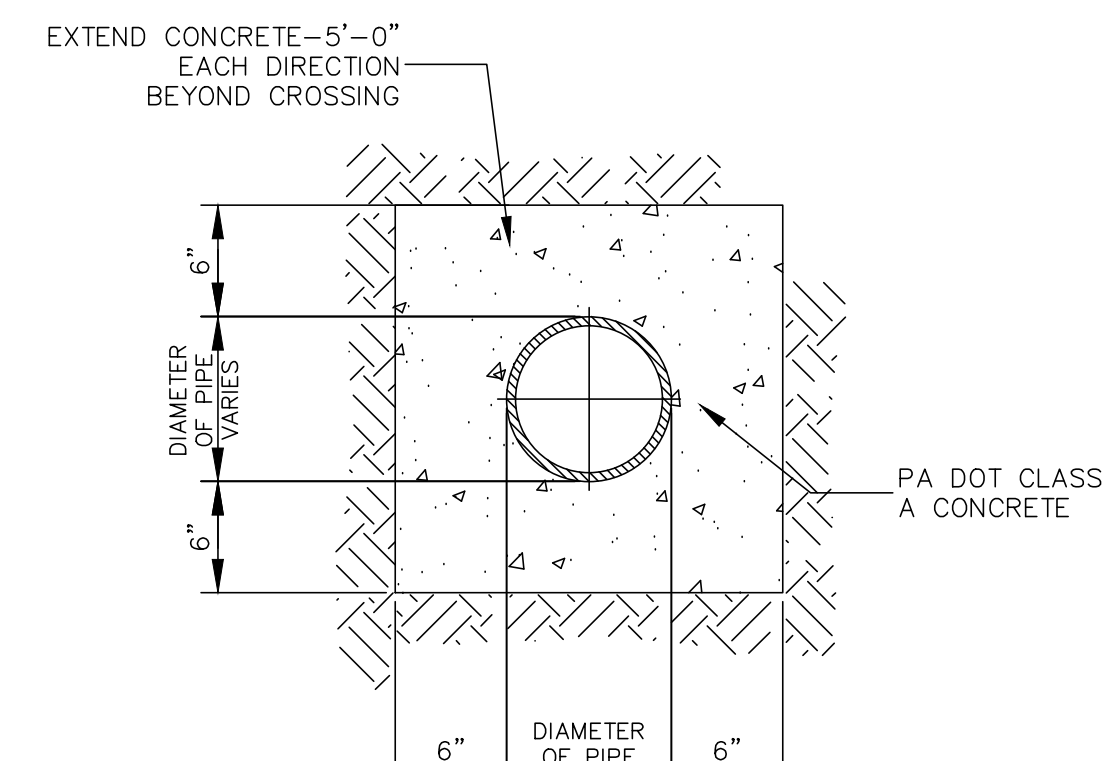
**GRINDER PUMP LATERAL CONNECTION DETAIL**

NO SCALE



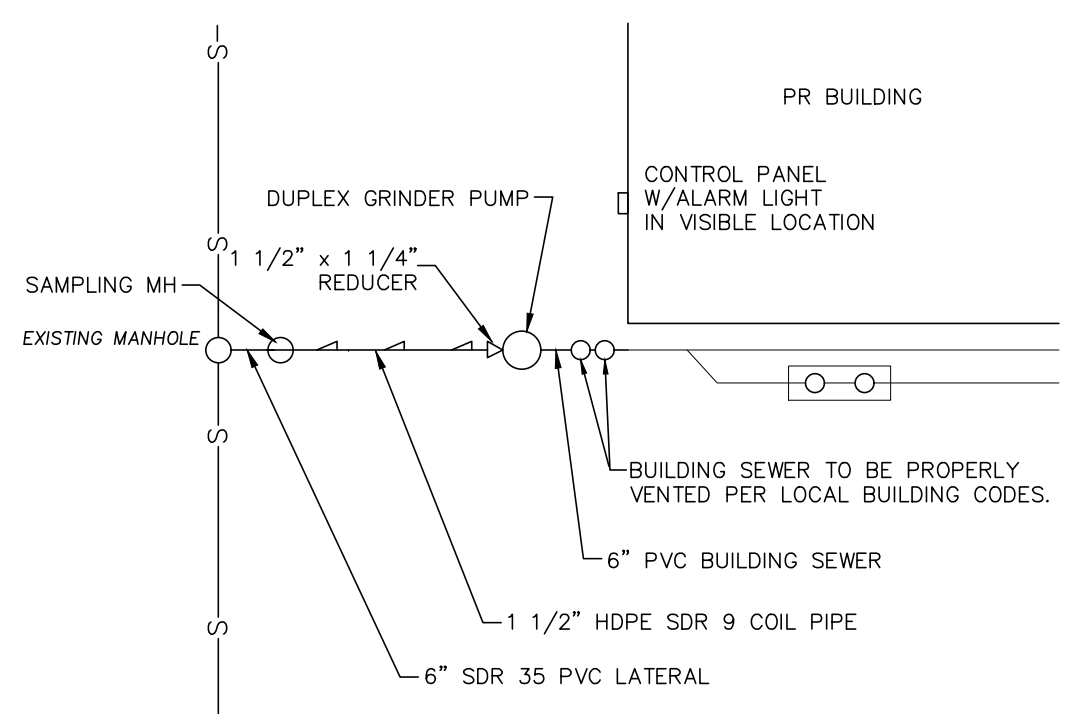
**TYPICAL TRENCH BACKFILL FOR SANITARY SEWER**

NO SCALE



**UTILITY ENCASEMENT DETAIL**

NO SCALE

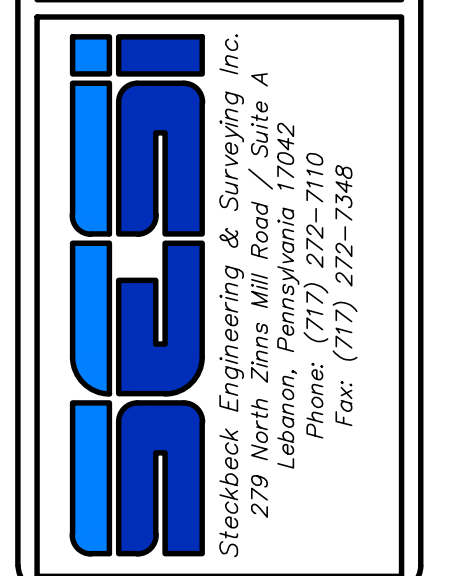


**GRINDER PUMP SCHEMATIC**

NO SCALE

NO.	DATE	BY	REVISION

**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania



FIELD CREW:	MOD, JEC
BASE MAP:	JEC
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SAS
DATE:	02/26/24
SCALE:	AS NOTED
PROJECT #	2368-23-001

**EROSION AND SEDIMENT CONTROL NOTES:**

FAILURE TO CORRECTLY INSTALL SEDIMENT CONTROL FACILITIES OR FAILURE TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE CONSTRUCTION SITE OR FAILURE TO TAKE CORRECTIVE ACTIONS TO IMMEDIATELY RESOLVE FAILURES OF SEDIMENT CONTROL FACILITIES MAY RESULT IN ADMINISTRATIVE, CIVIL AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AS DEFINED IN SECTION 602 OF THE CLEAN STREAMS LAW OF PENNSYLVANIA. THE CLEAN STREAMS LAW PROVIDES FOR UP TO \$10,000 PER DAY IN CIVIL PENALTIES, UP TO \$10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO \$25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.

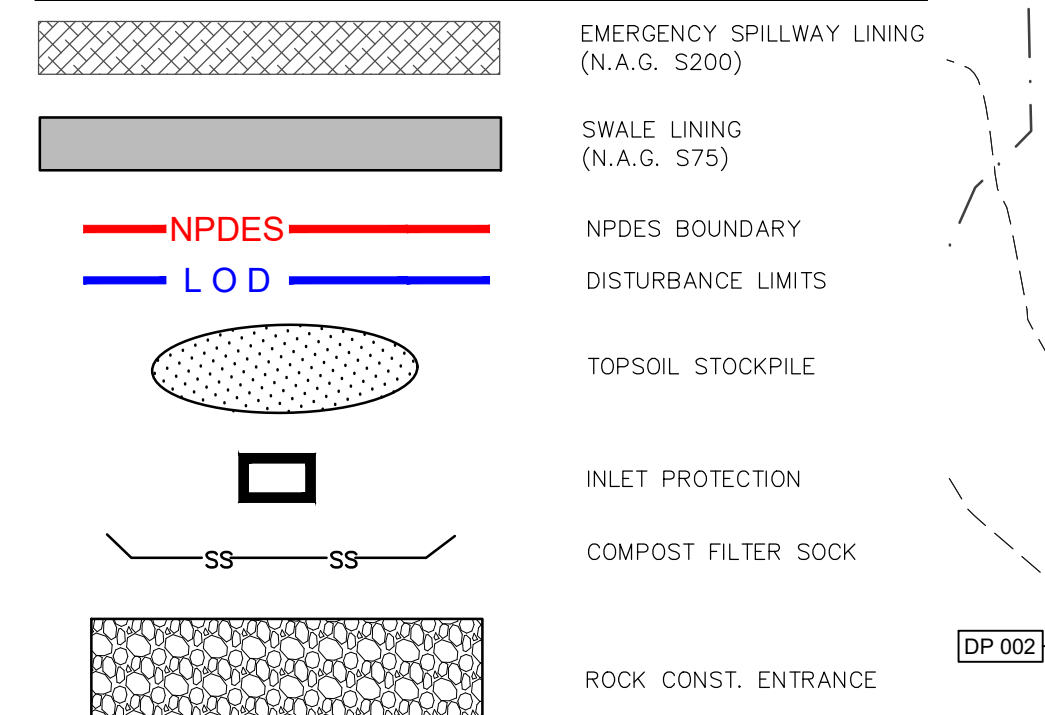
SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

THESE PLANS INDICATE CRITICAL AREAS FOR EROSION AND SEDIMENT CONTROL PLACEMENT BUT DO NOT RELIEVE THE CONTRACTOR FROM PROVIDING ADDITIONAL CONTROLS AS SITE CONDITIONS WARRANT. THE ENVIRONMENTAL COMPLIANCE MANAGER FOR THE PROJECT AND OR CONSERVATION DISTRICT MAY DIRECT THE CONTRACTOR TO INSTALL E&S BMPs NOT DEPICTED ON THESE DRAWINGS IN ORDER TO PROTECT DOWN GRADIENT AREAS FROM EROSION AND SEDIMENTATION DURING CONSTRUCTION.

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 MEASURABLE RAINFALL EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRAVING, RESEEDING, RE-MULCHING AND RE-NETTING MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMPs FAIL TO PERFORM AS EXPECTED REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED, THE VISUAL SITE INSPECTION REPORT FORM (3800-FM-BCW0271a), OR AN EQUIVALENT ELECTRONIC FORM PROVIDING THE SAME INFORMATION, MUST BE USED TO DOCUMENT THE REQUIRED SITE INSPECTIONS.

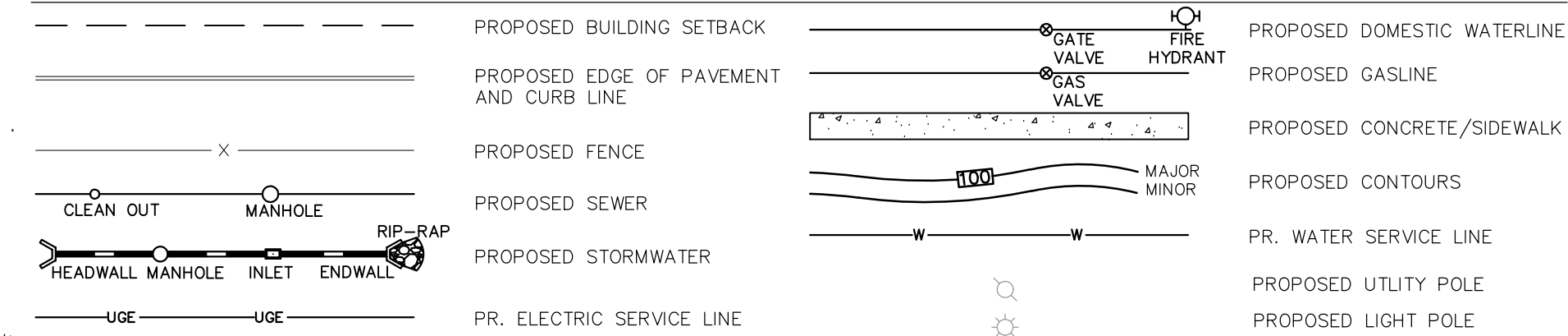
INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONDUCTED AND DOCUMENTED BY COMPLETING THE VISUAL SITE INSPECTION REPORT (PA DEP FORM 3800-FM-BCW0271a DATED 12/20/19). INSPECTIONS SHALL OCCUR WEEKLY AND AFTER EACH MEASURABLE RAINFALL EVENT (0.25" DEPTH OR GREATER).

**E&S FEATURES**

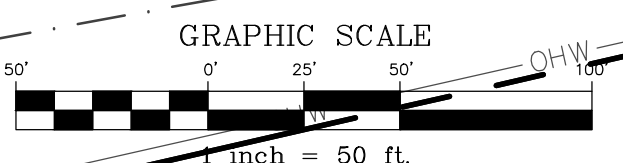
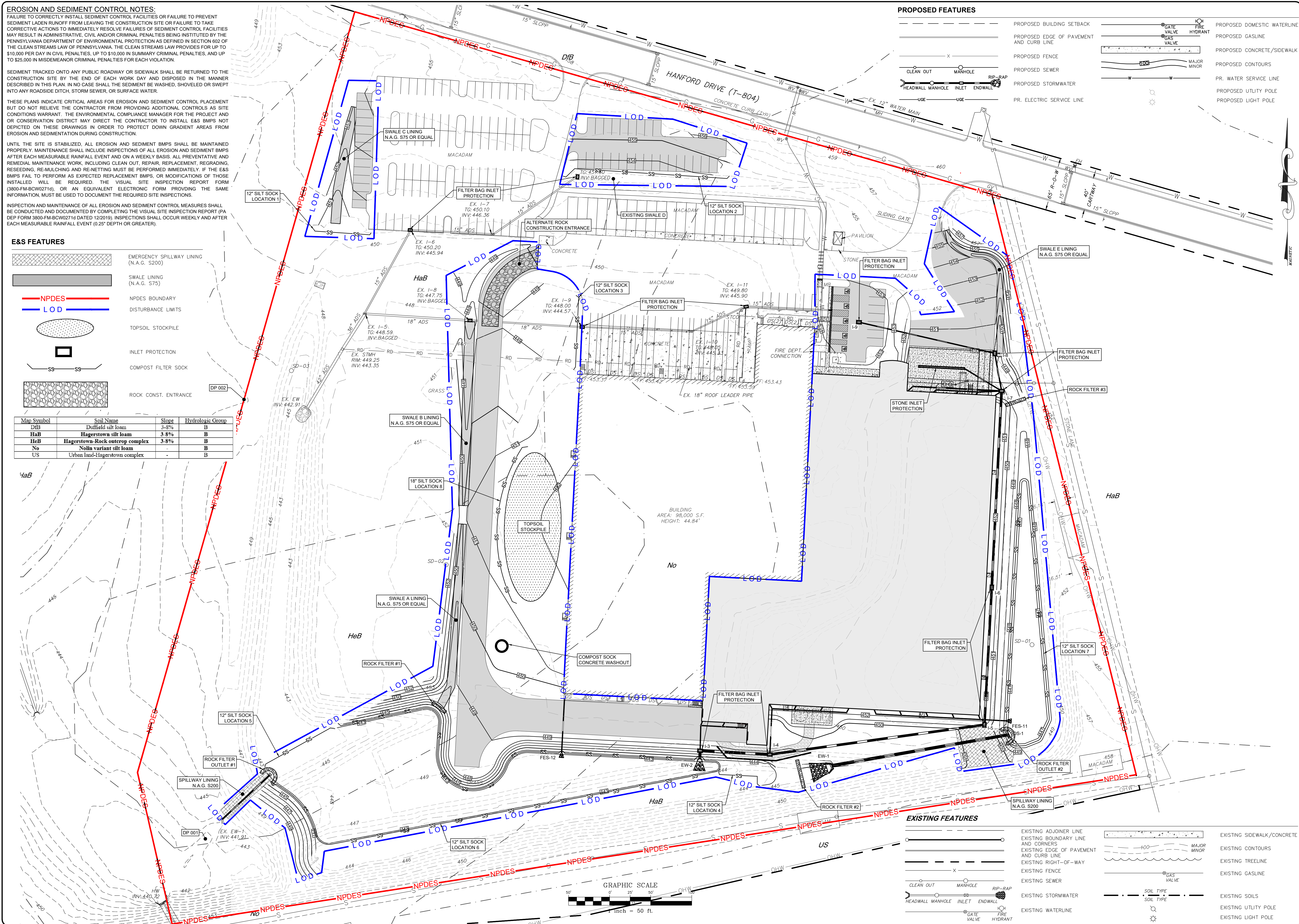
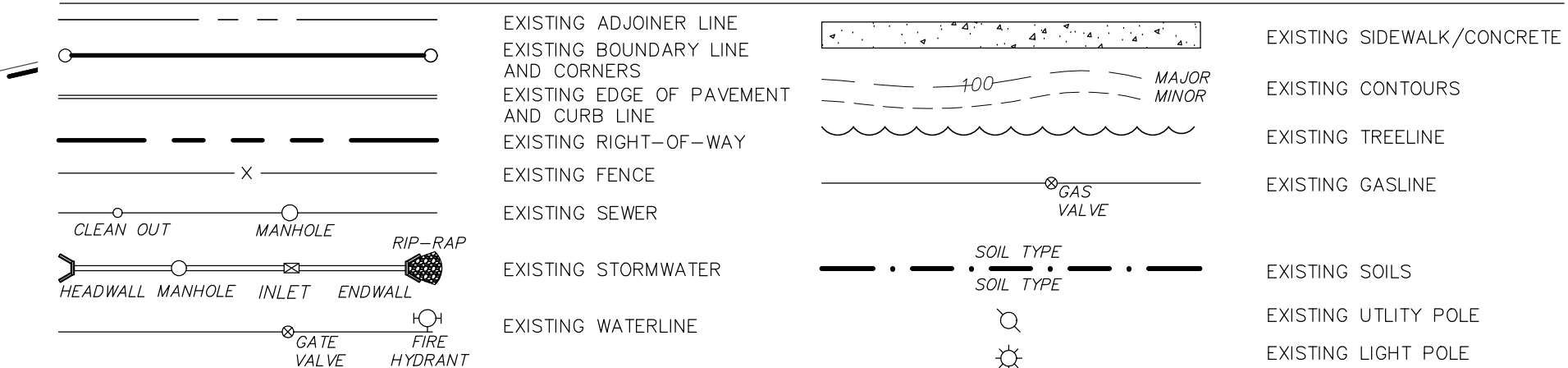


Map Symbol	Soil Name	Slope	Hydrologic Group
DIB	Duffield silt loam	3-8%	B
HaB	Hagerstown silt loam	3-8%	B
HeB	Hagerstown-Rock outcrop complex	3-8%	B
No	Noils variant silt loam	-	B
US	Urban land-Hagerstown complex	-	B

**PROPOSED FEATURES**



**EXISTING FEATURES**



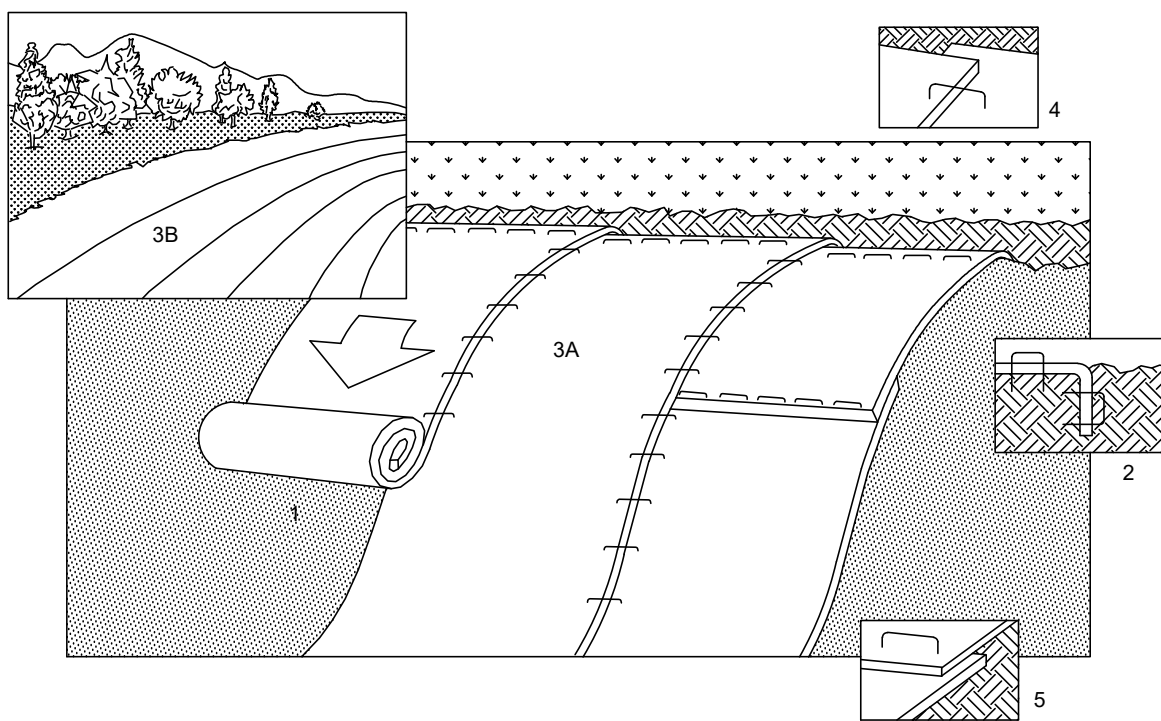
NO.	DATE	BY	REVISION

NO.	DATE	BY	REVISION

**EROSION & SEDIMENTATION POLLUTION CONTROL PLAN**  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania

FIELD CREW: MOD,JEC
BASE MAP: JEC
DRAWN: CDS
DESIGN: CDS
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DATE: 02/26/24
SCALE: 1" = 50'
PROJECT # 2368-23-001

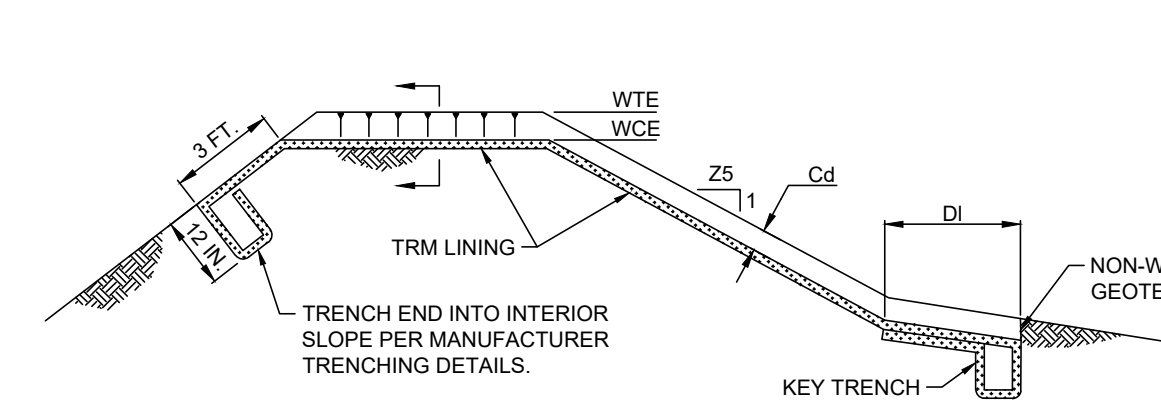




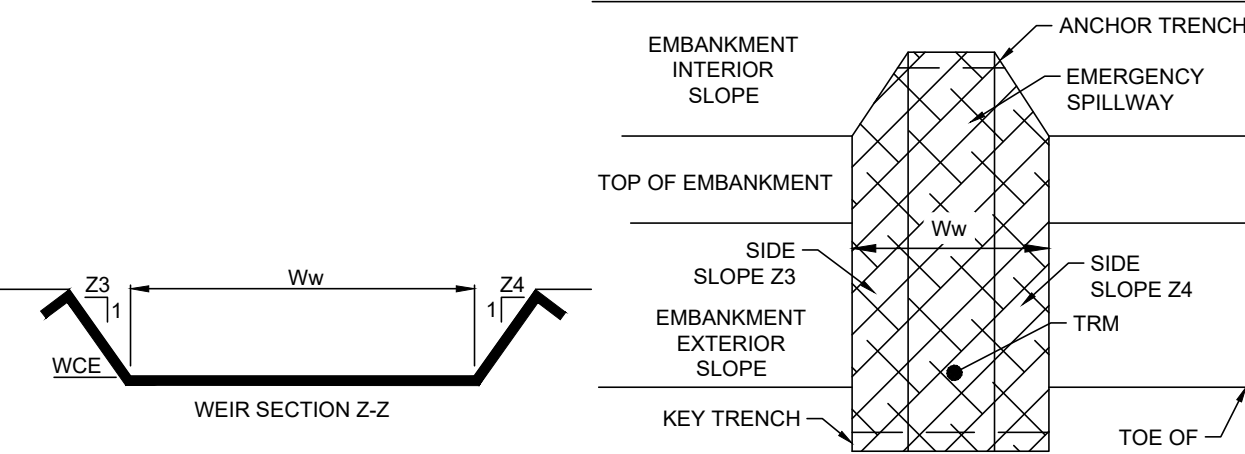
- NOTES:**
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
  2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. REFER TO THE GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.
  3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE.
  4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
  5. WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.

**SLOPE MATTING INSTALLATION DETAIL**

NO SCALE

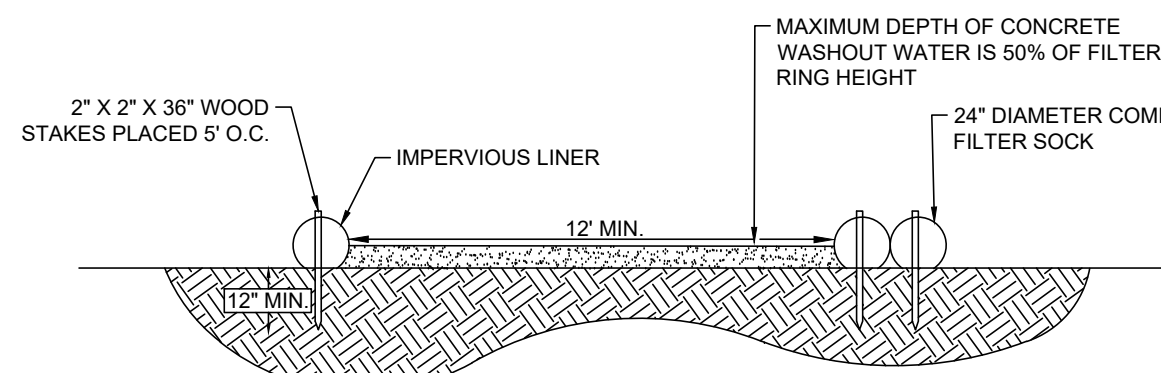


BASIN NO.	WEIR		TOP ELEV (FT)	CREST ELEV (FT)	WIDTH Ww (FT)	LINING TRM TYPE	STAPLE PATTERN	DEPTH Z5 (FT)	CHANNEL DEPTH Cd (FT)	LENGTH DI (FT)	DISSIPATOR	
	Z3 (FT)	Z4 (FT)									RIPRAP SIZE (R-)	RIPRAP THICK. (IN)
1	3	3	449.00	447.00	100	S200	E	3	2.00	15	N/A	N/A
2	3	3	451.50	449.75	40	S200	E	3	1.75	15	N/A	N/A

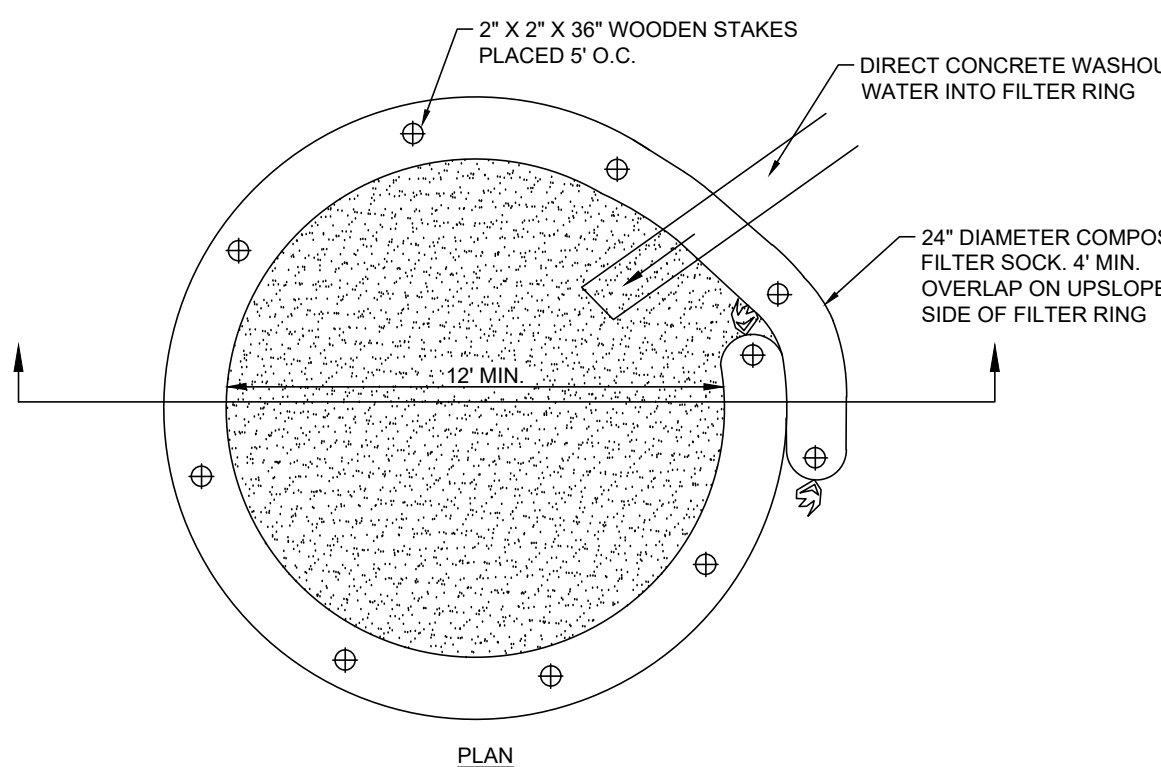


**BASIN EMERGENCY SPILLWAY DETAIL**

NO SCALE



- NOTES:**
1. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE
  2. 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

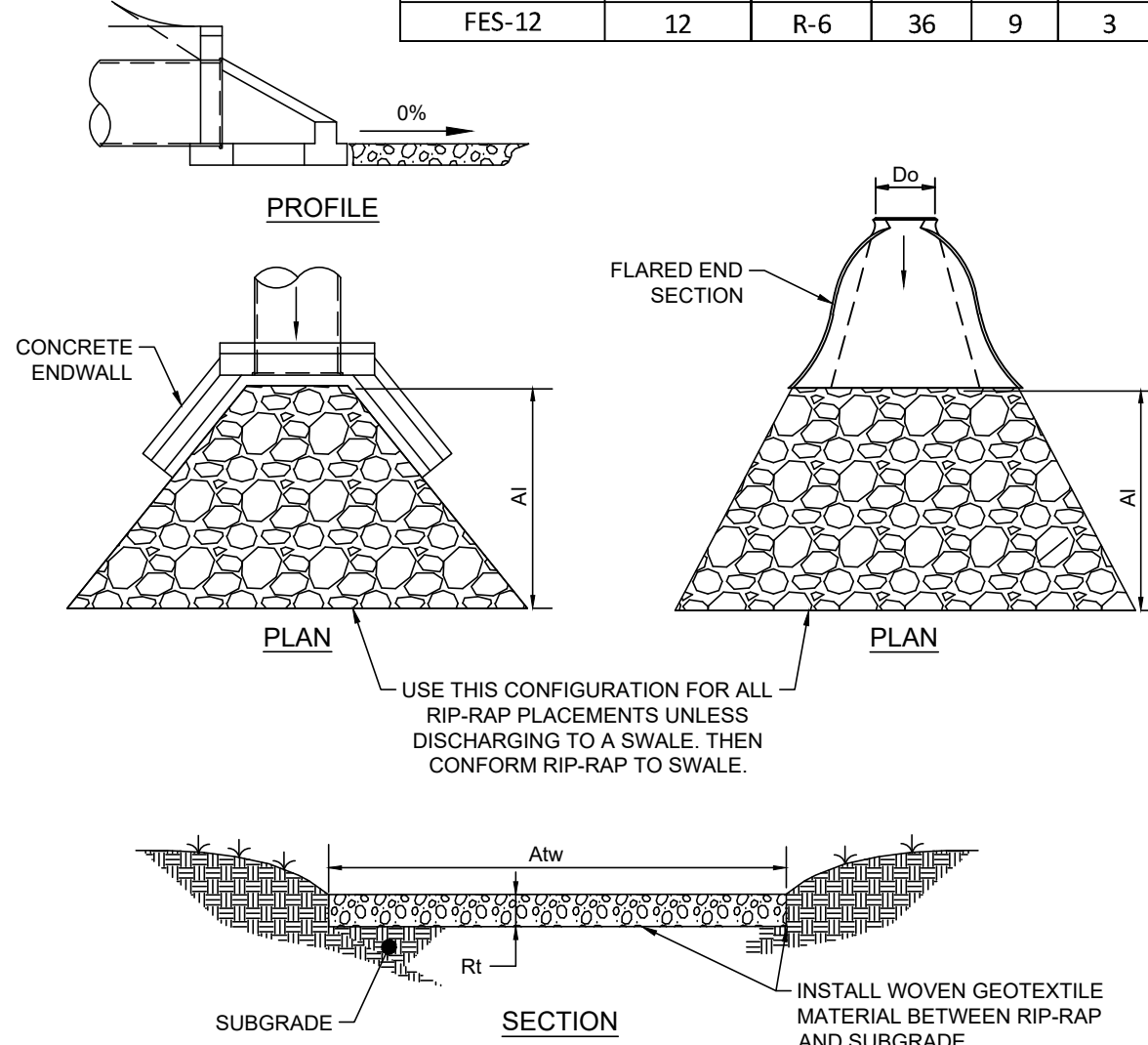


A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS. ADAPTED FROM FILTREX.

**TYPICAL COMPOST SOCK WASHOUT INSTALLATION**

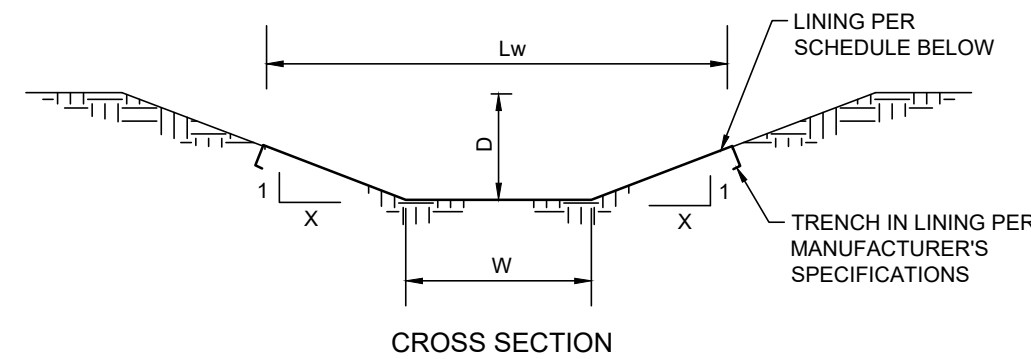
NO SCALE

PIPE NO.	PIPE DIA. Do (in.)	RIPRAP SIZE	Rt (in)	Al (ft)	Alw (ft)	Atw (ft)
EX. EW-1	18	R-4	18	12	5	17
FES-11	12	R-6	36	9	3	7
EW-2	36	R-5	27	13	9	14
EW-1 (2b)	18	R-4	18	10	9	13
FES-12	12	R-6	36	9	3	7



**FLARED END SECTION/ENDWALL RIP RAP DETAIL**

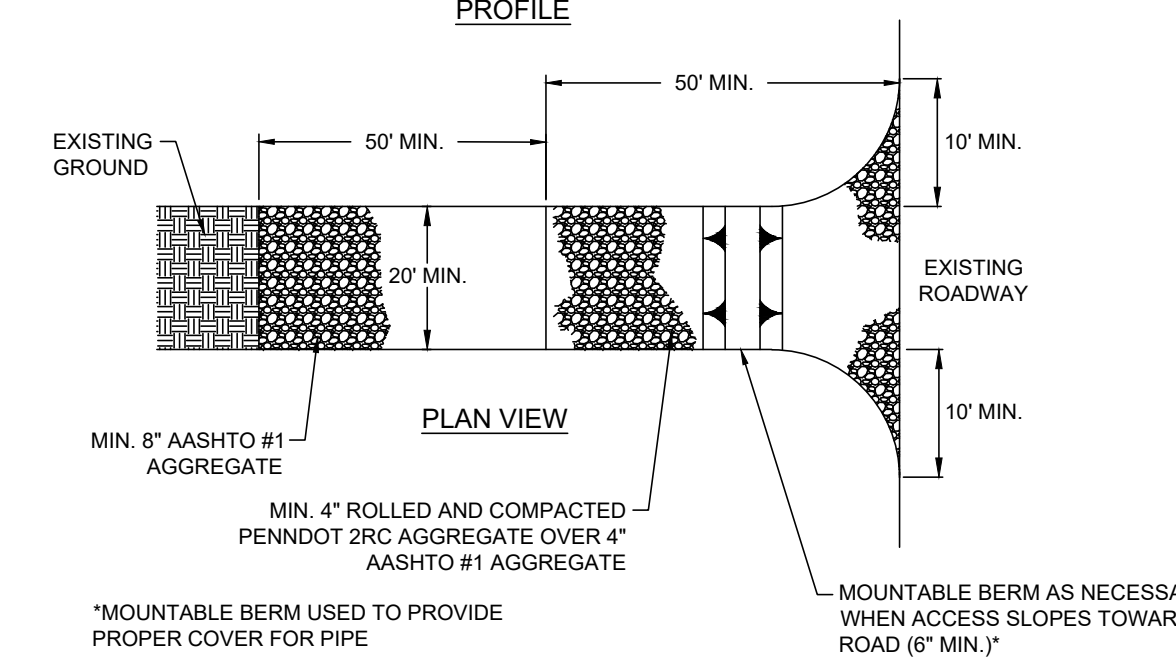
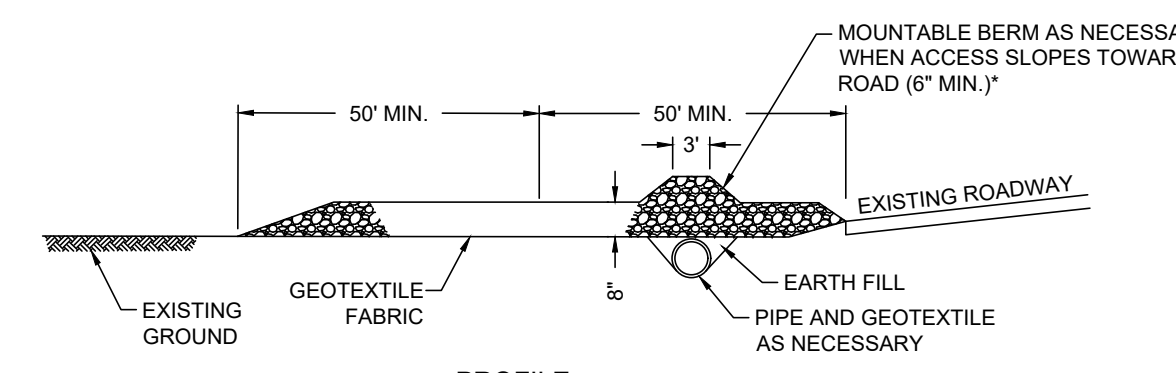
NO SCALE



SWALE NO.	WIDTH (W)	DEPTH (D)	SIDE SLOPE (X)	MAX. SLOPE	LINING WIDTH (Lw)	LINING	TEMPORARY LINING	STAPLE PATTERN
A	2'	1'	4	4%	10'	GRASS	N.A.G. S75	D
B	2'	1'	5	1%	12'	GRASS	N.A.G. S75	D
C	1.5'	1'	5	2%	11.5'	GRASS	N.A.G. S75	D
D	3'	1'	3	1.5%	N/A	GRASS	N/A	N/A
E	1.5'	1'	3	5%	7.5'	GRASS	N.A.G. S75	D

**STORMWATER SWALE DETAIL**

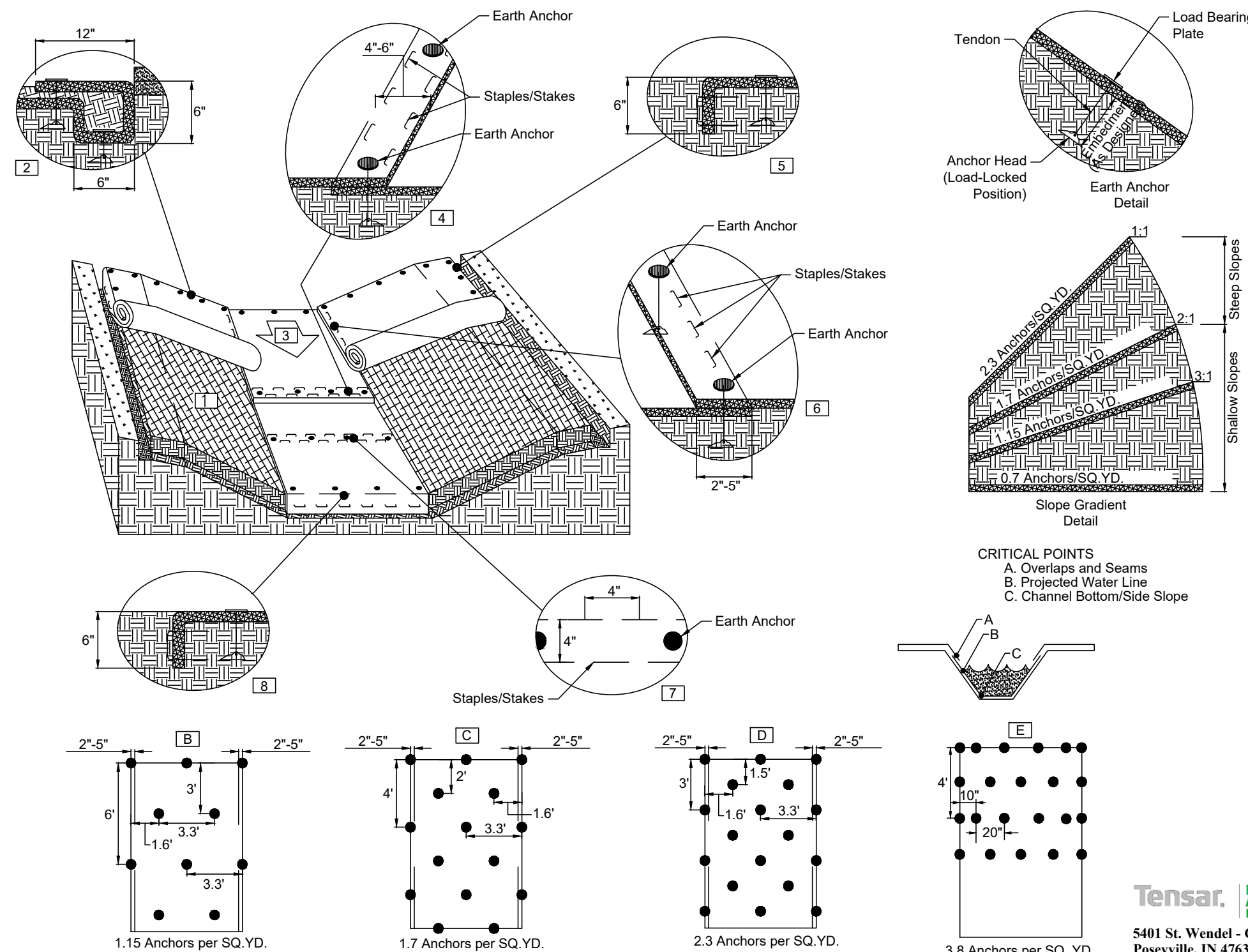
NO SCALE



- NOTES:**
1. REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.
  2. RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.
  3. MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY THE MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.
  4. MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY. EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK, WASHING ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

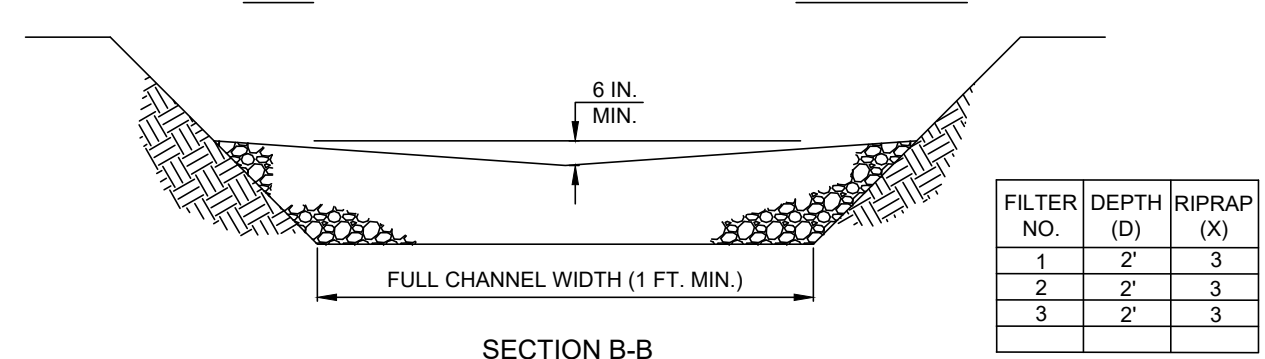
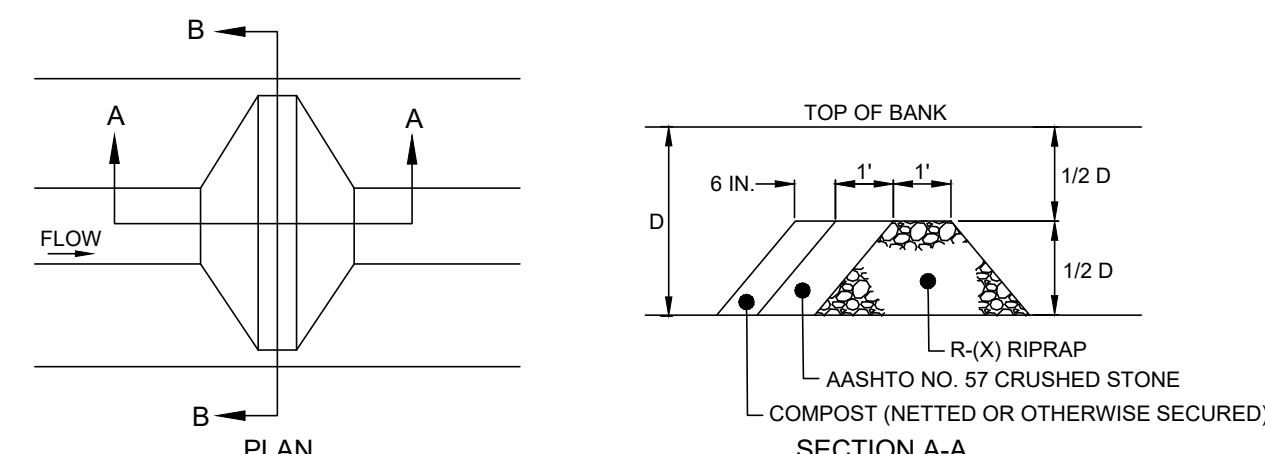
**ALTERNATE ROCK CONSTRUCTION ENTRANCE**

NO SCALE



**CHANNEL INSTALLATION EARTH ANCHOR DETAIL**

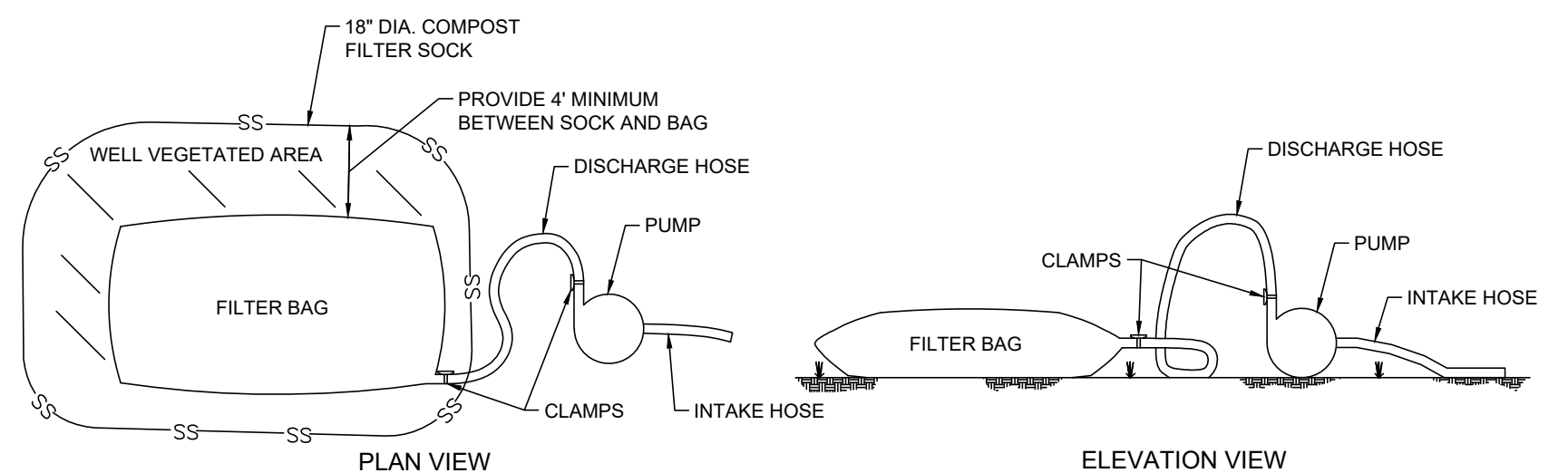
NO SCALE



- NOTES:**
1. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE HEIGHT OF THE FILTERS.
  2. IMMEDIATELY UPON STABILIZATION OF EACH CHANNEL, REMOVE ACCUMULATED SEDIMENT, REMOVE ROCK FILTER, AND STABILIZE DISTURBED AREAS.

**ROCK FILTER DETAIL**

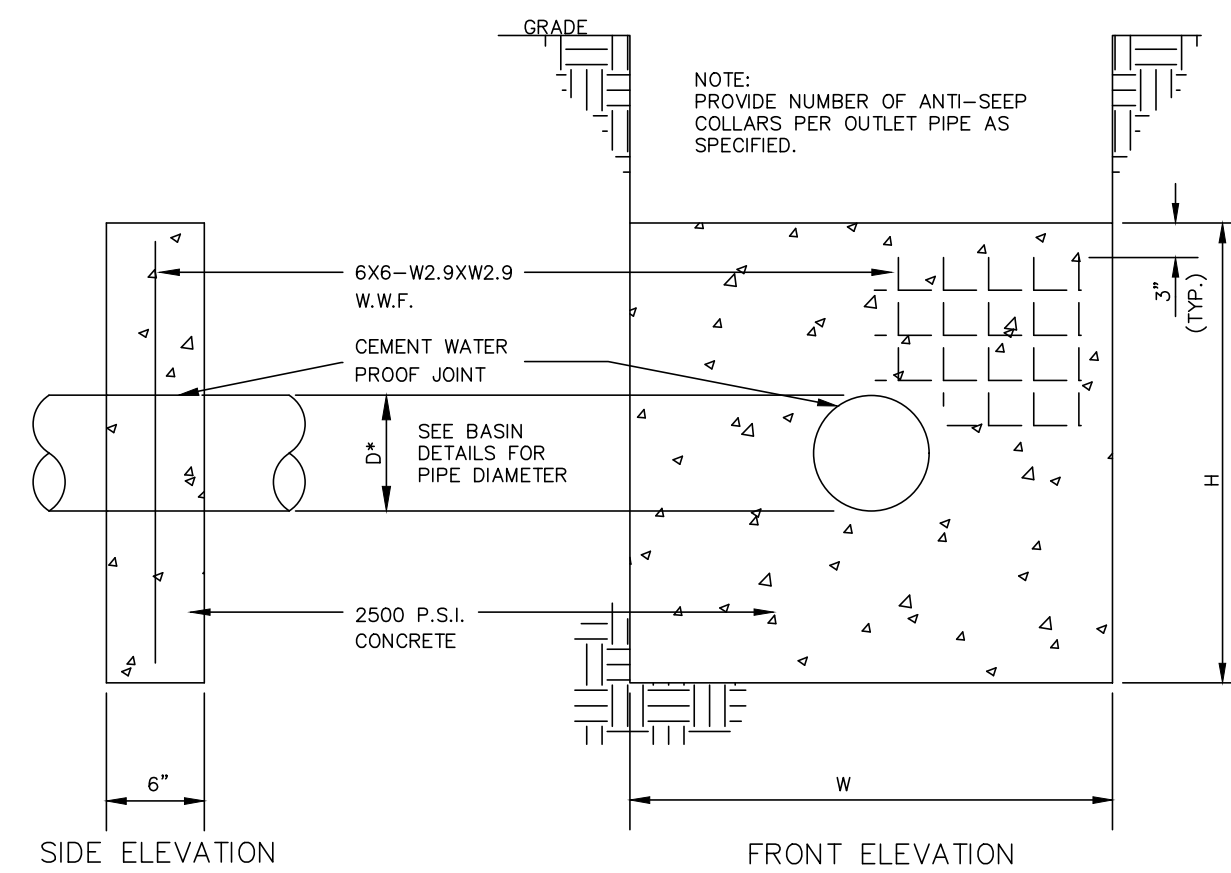
NO SCALE



- NOTES:**
1. 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.
  2. A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES MUST BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL.
  3. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%.
  4. THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED.
  5. THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHOULD BE FLOATING AND SCREENED.
  6. FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

**PUMPED WATER FILTER BAG DETAIL**

NO SCALE



BASIN	W	H	DIA.	# OF COLLARS
1	3.98'	3.98'	18"	2
2	3.35'	3.35'	18"	2

**CONCRETE ANTI-SEEP COLLAR DETAIL**

NO SCALE

- NOTES:**
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
  2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE TRM IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) OF TRM EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. USE SHOREMAX MAT AT THE CHANNEL/CULVERT OUTLET AS SUPPLEMENTAL SCOUR PROTECTION AS NEEDED. ANCHOR THE TRM WITH A ROW OF STAPLES AND ANCHORS APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF TRM BACK OVER SEED AND COMPACTED SOIL. SECURE TRM OVER SOIL WITH A ROW OF STAPLES AND ANCHORS SPACED APPROXIMATELY 12" (30 CM) ACROSS THE WIDTH OF THE TRM.
  3. ROLL CENTER TRM IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. TRM WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL TRM MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES AND ANCHORS IN APPROPRIATE LOCATIONS AS SHOWN IN THE FASTENER PATTERN GUIDE.
  4. PLACE CONSECUTIVE TRM END-OVER-END (SHINGLE STYLE) WITH A 4" - 6" (10 CM - 15 CM) OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" (10 CM) APART AND 4" (10 CM) ON CENTER TO SECURE TRM.
  5. FULL LENGTH EDGE OF TRM AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES AND ANCHORS APPROXIMATELY 12" (30 CM) APART IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
  6. ADJACENT TRM MUST BE OVERLAPPED APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) (DEPENDENT ON TRM TYPE) AND FASTENED.
  7. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT (9 M - 12 M) INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" (10 CM) APART AND 4" (10 CM) ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
  8. THE TERMINAL END OF THE TRM MUST BE ANCHORED WITH A ROW OF STAPLES AND ANCHORS APPROXIMATELY 12" (30 CM) APART IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

THE PERFORMANCE OF GROUND ANCHORING DEVICES IS HIGHLY DEPENDENT ON NUMEROUS SITE/PROJECT SPECIFIC VARIABLES. IT IS THE SOLE RESPONSIBILITY OF THE PROJECT ENGINEER AND/OR CONTRACTOR TO SELECT THE APPROPRIATE ANCHOR TYPE AND LENGTH. ANCHORING SHALL BE SELECTED TO HOLD THE MAT IN INTIMATE CONTACT WITH THE SOIL SUBGRADE AND RESIST PULL OUT IN ACCORDANCE WITH THE PROJECT'S DESIGN INTENT.

- ANCHOR PATTERN GUIDE CAN VARY BASED ON EARTH ANCHOR AND BLANKET SELECTION.
- IF DESIRED, THE SYSTEM CAN BE SOIL-FILLED AND SODDED AFTER TRM INSTALLATION. SOD SHOULD BE STAPLED/STAKED ACCORDING TO PLAN SPECIFICATIONS.

**Tensar**  
NORTH AMERICAN GREEN  
5401 St. Wendel - Cynthiana Rd.  
Poseyville, IN 47633  
PH: 800-772-2040  
www.tensarcorp.com

**STEEP SLOPE SEEDING SPECIFICATIONS**

NO SCALE

APPLICATION	SPECIES	% PURE LIVE SEED	APPLICATION RATE <sub>1</sub> (P.L.S. IN LBS/AC)	FERTILIZER (LBS/AC)	LIMING RATE <sub>2</sub>	FINAL SEEDING DATE
NURSE CROP	ANNUAL RYEGRASS	98%	64 LBS/AC	50-50-50 N-P205-K20	2000 LBS / AC	OCT. 15
PERMANENT	BIRDSFOOT TREFLOIL PLUS CROWN VETCH PLUS TALL FESCUE	98%	10	100-200-200 N-P205-K20	2000 LBS / AC	MARCH 15
	BIRDSFOOT TREFLOIL PLUS CROWN VETCH PLUS TALL FESCUE	98%	20	100-200-200 N-P205-K20	2000 LBS / AC	OCTOBER 15
	BIRDSFOOT TREFLOIL PLUS CROWN VETCH PLUS TALL FESCUE	98%	30	100-200-200 N-P205-K20	2000 LBS / AC	OCTOBER 15

- ALL SEEDING AREAS SHALL BE MULCHED WITH HAY OR STRAW APPLIED AT A RATE OF 3 TONS/ACRE. MULCH TO BE ANCHORED WITH WOOD CELLULOSE FIBER AT A RATE OF 750 LBS/ACRE.
1. PLS IS PURE LIVE SEED. PLS IS THE PRODUCT OF THE PERCENTAGE OF PURE SEED TIMES PERCENTAGE GERMINATION DIVIDED BY 100. TO SECURE THE ACTUAL PLANTING RATE, DIVIDE THE POUNDS PLS BY THE PLS PERCENTAGE AS SHOWN ON THE SEED TAG OR AS PREVIOUSLY DISCUSSED. THUS, IF THE PLS CONTENT OF FINE FESCUES IS 50%, DIVIDE 7 PLS BY 0.50 TO OBTAIN 140 LBS OF SEED PER ACRE.
  2. LIMING RATE SHALL BE IN ACCORDANCE WITH SOIL TEST RESULTS. APPLY 6 TONS OF AGRICULTURAL GRADE LIMESTONE PER ACRE OF LAND DISTURBED BY DIVERSIONS AND DAMS.
  3. ALL SEEDING AREAS SHALL BE MULCHED WITH HAY OR STRAW APPLIED AT A RATE OF 3 TONS PER ACRES. MULCH TO BE ANCHORED WITH WOOD CELLULOSE FIBER AT A RATE OF 750 LBS PER ACRE.
  4. ALL DIVERSIONS, CHANNELS, SED TRAPS, AND STOCKPILES MUST BE STABILIZED IMMEDIATELY.

**SEEDING & FERTILIZER SPECIFICATIONS**

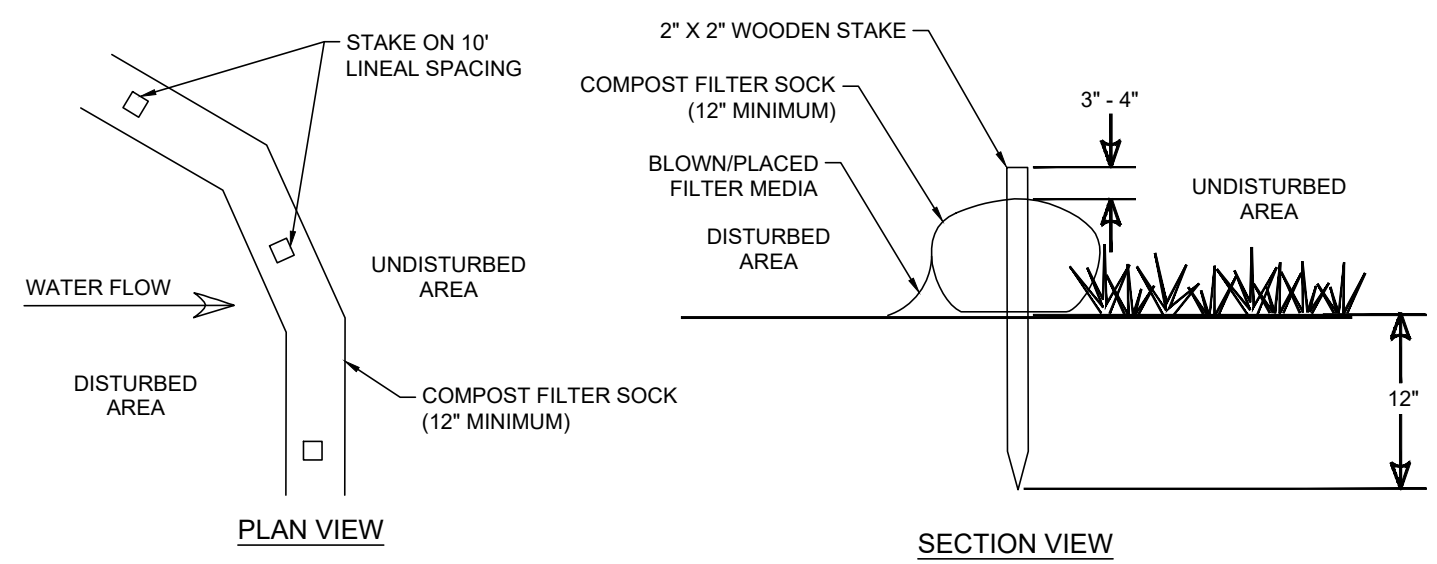
NO SCALE

DATE	BY	REVISION

**EROSION & SEDIMENTATION POLLUTION CONTROL DETAILS**  
**PRELIMINARY/FINAL LAND DEVELOPMENT PLANS**  
For  
**SCOUT COLD LOGISTICS, LLC**  
located in  
NORTH LEBANON TOWNSHIP  
LEBANON County, Pennsylvania



FIELD CREW: MOD,JEC
BASE MAP: JEC
DRAWN: CDS
DESIGN: CDS
CHECKED: SAS
DATE: 02/26/24
SCALE: AS NOTED
PROJECT #2368-23-001

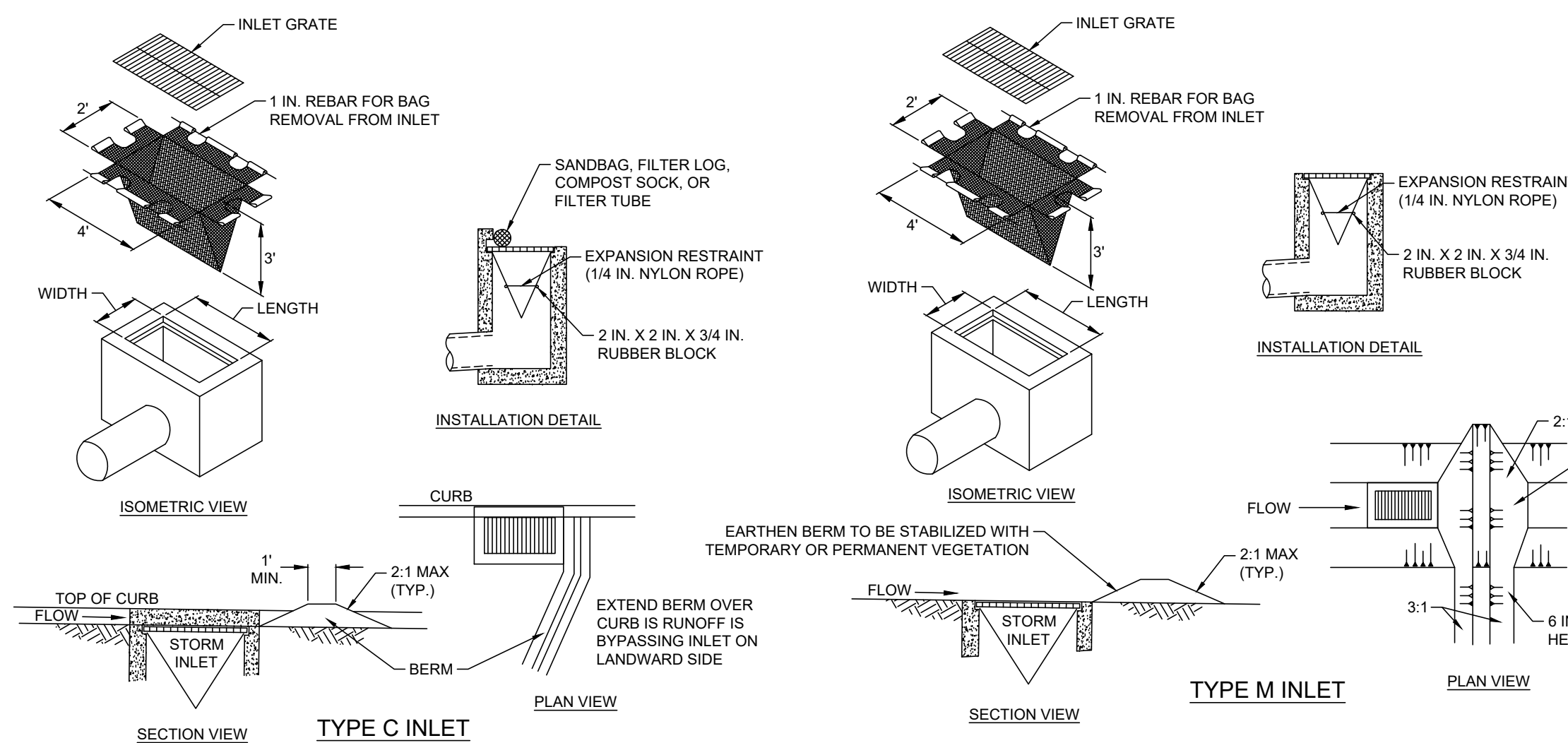


- INSTALLATION NOTES:**
1. ALL MATERIAL TO MEET FILLREXX SPECIFICATIONS.
  2. FILTER SOCK COMPOST/SOIL/ROCK/SEED FILL TO MEET APPLICATION REQUIREMENTS.
  3. FILTER SOCK DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER THE ENGINEER.
  4. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.

- MAINTENANCE NOTES:**
1. THE CONTRACTOR SHALL MAINTAIN THE FILTER SOCK IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
  2. IF THE FILTER SOCK HAS BEEN DAMAGED, IT SHALL BE REPAIRED, OR REPLACED IF BEYOND REPAIR.
  3. THE CONTRACTOR SHALL REMOVE SEDIMENT AT THE BASE OF THE UPSLOPE SIDE OF THE FILTER SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE FILTER SOCK, OR AS DIRECTED BY THE LOCAL COUNTY CONSERVATION DISTRICT. ALTERNATIVELY, A NEW FILTER SOCK CAN BE PLACED ON TOP OF AND SLIGHTLY BEHIND THE ORIGINAL ONE CREATING MORE SEDIMENT STORAGE CAPACITY WITHOUT SOIL DISTURBANCE.
  4. FILTER SOCK SHALL BE MAINTAINED UNTIL DISTURBED AREA ABOVE THE DEVICE HAS BEEN PERMANENTLY STABILIZED AND CONSTRUCTION ACTIVITY HAS CEASED.
  5. THE FILTER MEDIA WILL BE DISPERSED ON SITE ONCE DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED, CONSTRUCTION ACTIVITY HAS CEASED, OR AS DETERMINED BY THE LOCAL COUNTY CONSERVATION DISTRICT.
  6. FOR LONG-TERM SEDIMENT AND POLLUTION CONTROL APPLICATION, FILTER SOCK CAN BE SEEDED AT THE TIME OF INSTALLATION TO CREATE A VEGETATIVE FILTERING SYSTEM FOR PROLONGED AND INCREASED FILTRATION OF SEDIMENT AND SOLUBLE POLLUTANTS (CONTAINED VEGETATIVE FILTER STRIP). THE APPROPRIATE SEED MIX SHALL BE DETERMINED BY THE DESIGN PROFESSIONAL.

### COMPOST FILTER SOCK DETAIL

NO SCALE

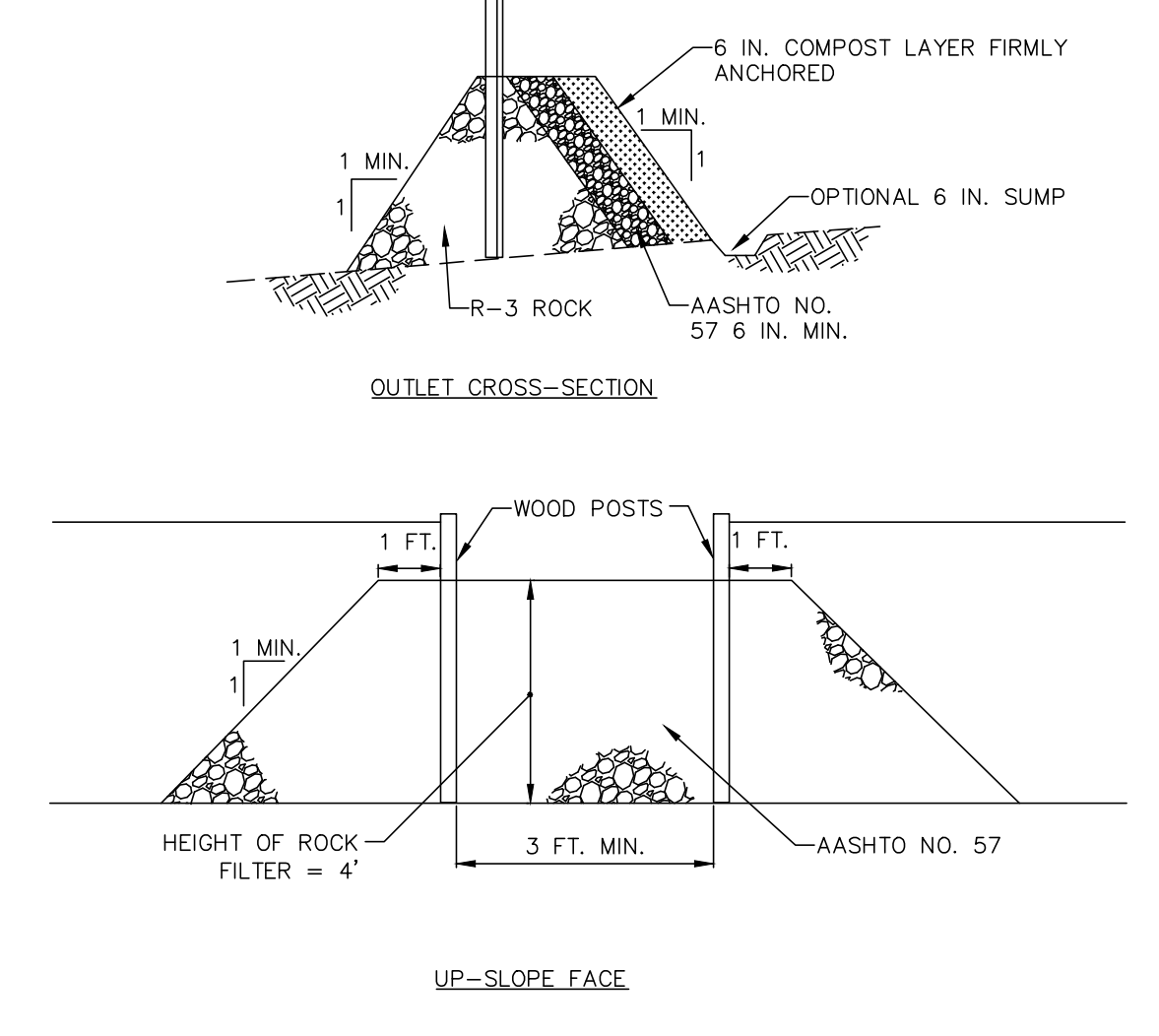


### FILTER BAG INLET PROTECTION DETAIL - TYPE M & C INLETS

NO SCALE

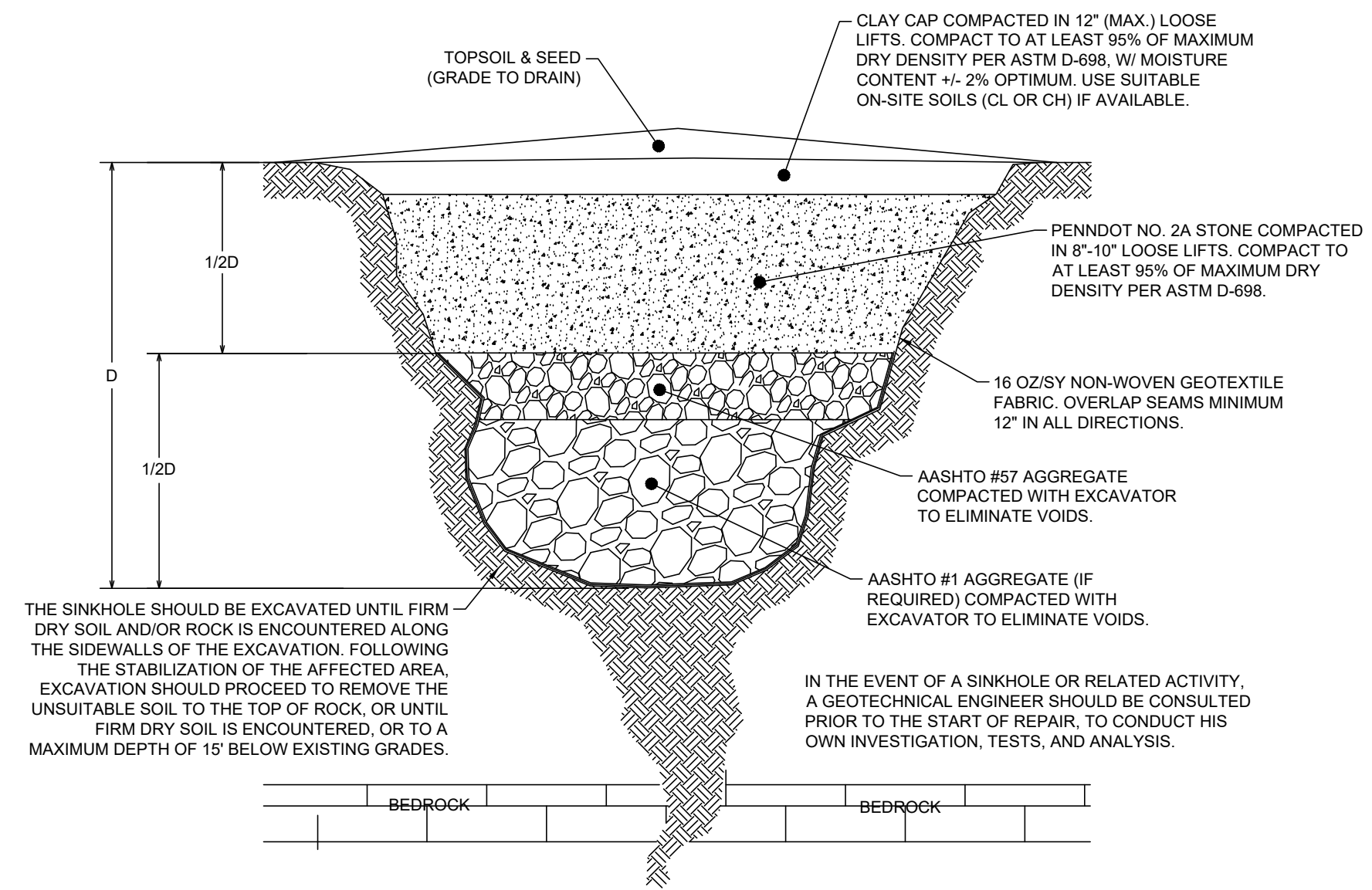
**NOTES:**

1. MAXIMUM DRAINAGE AREA = 1/2 ACRE.
2. INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.
3. ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT.
4. AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS. A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.
5. INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.
6. DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.



### ROCK FILTER OUTLET WITH COMPOST DETAIL

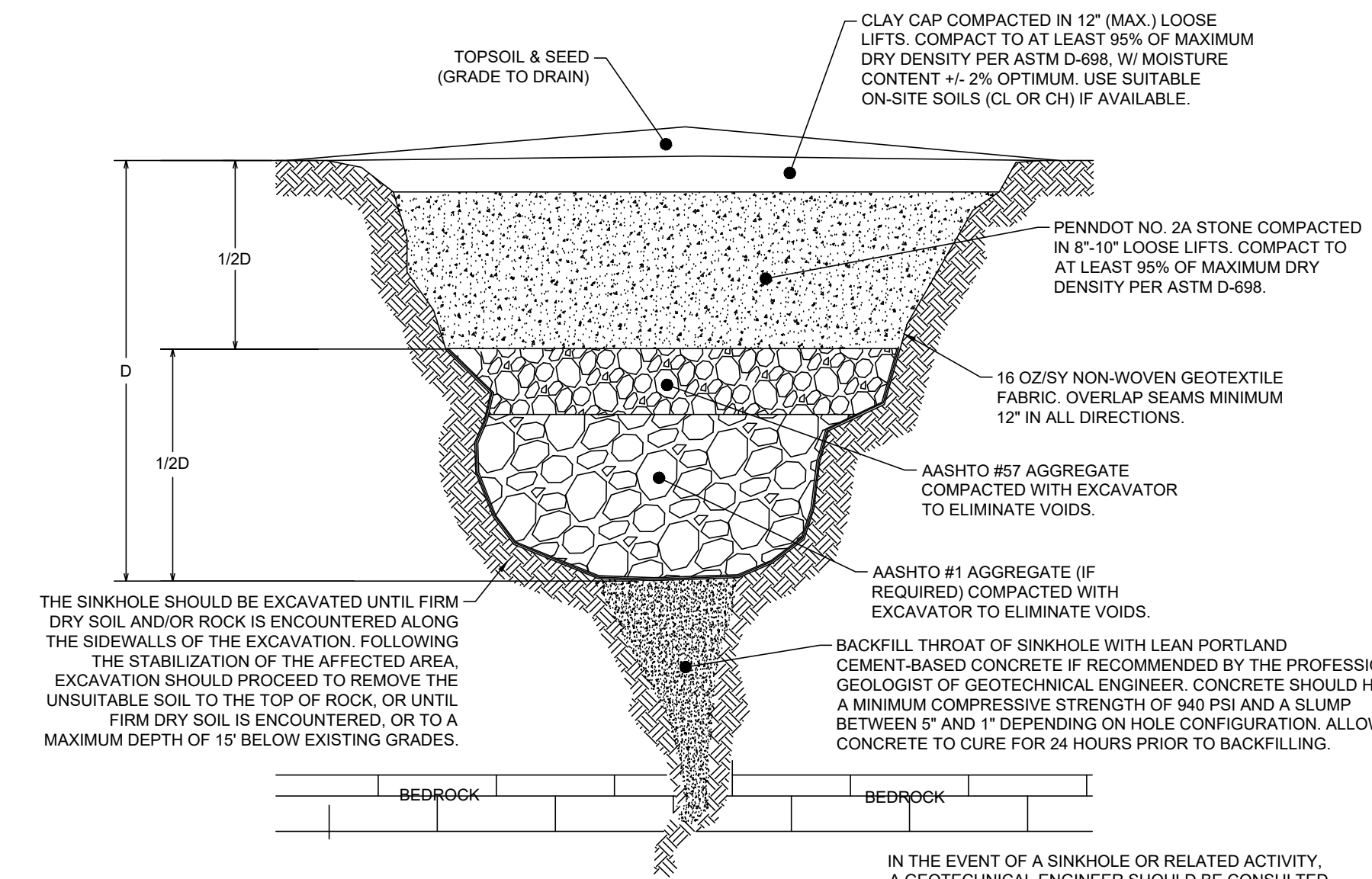
NO SCALE



\*NOTE: ALL SINKHOLE MITIGATION MEASURES SHALL BE APPROVED BY A QUALIFIED GEOLOGIST OR GEOTECHNICAL ENGINEER PRIOR TO IMPLEMENTATION.

### SINKHOLE REPAIR DETAIL-BEDROCK THROAT NOT ENCOUNTERED

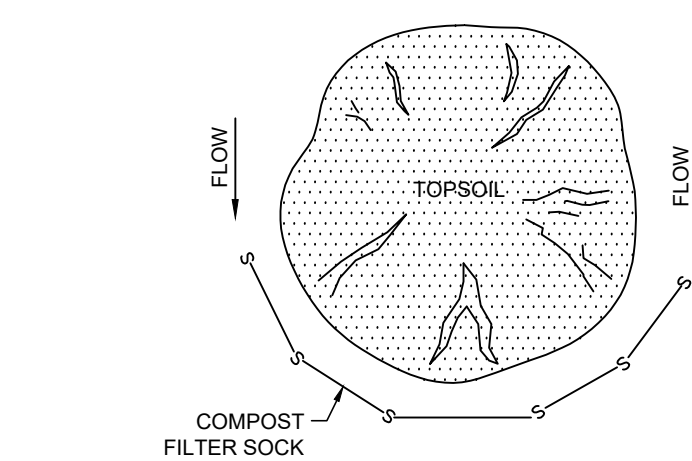
NO SCALE



\*NOTE: ALL SINKHOLE MITIGATION MEASURES SHALL BE APPROVED BY A QUALIFIED GEOLOGIST OR GEOTECHNICAL ENGINEER PRIOR TO IMPLEMENTATION.

### SINKHOLE REPAIR DETAIL-BEDROCK THROAT NOT ENCOUNTERED

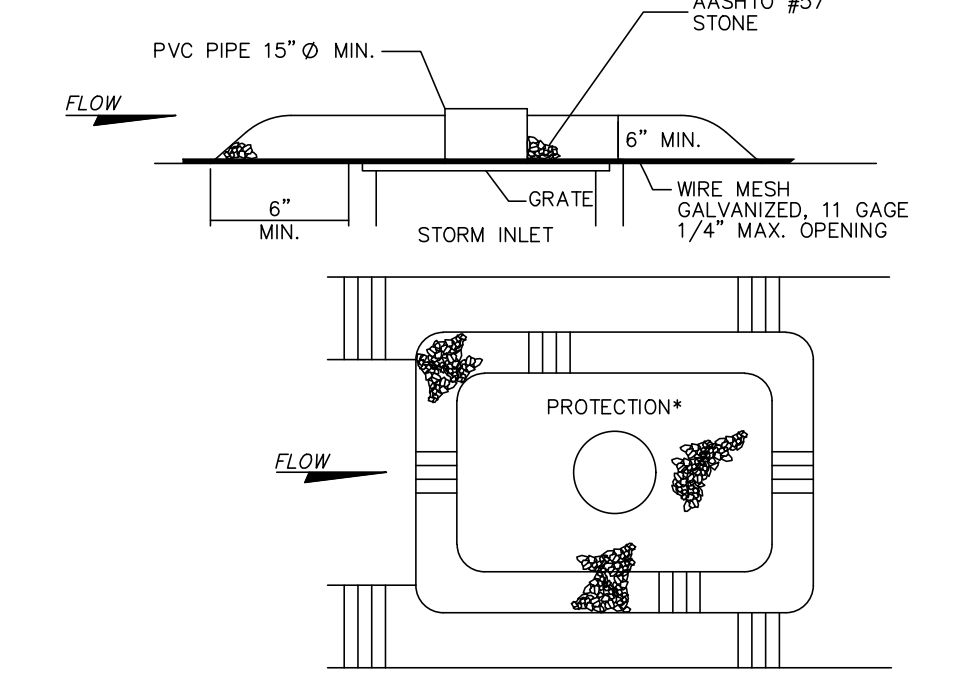
NO SCALE



- NOTES:**
1. A STOCKPILE SHALL BE USED TO CONTAIN ALL STRIPPED TOPSOIL IN A LIMITED AREA IN ORDER TO KEEP DISTURBANCE TO A MINIMUM.
  2. STOCKPILES ARE TO BE STABILIZED IMMEDIATELY.
  3. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET.
  4. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.
  5. STOCKPILES SHALL BE LOCATED SO THAT ALL SWALES CAN FUNCTION AS DESIGNED.

### TOPSOIL STOCKPILE

NO SCALE



### STONE INLET PROTECTION DETAIL

NO SCALE

EROSION & SEDIMENTATION POLLUTION CONTROL DETAILS  
 PRELIMINARY/FINAL LAND DEVELOPMENT PLANS  
 For  
**SCOUT COLD LOGISTICS, LLC**  
 located in  
 NORTH LEBANON TOWNSHIP  
 LEBANON County, Pennsylvania

**esi**  
 Steadbeck Engineering & Surveying, Inc.  
 279 Lebanon, Pennsylvania 17042  
 Phone: (717) 272-7110  
 Fax: (717) 272-7348

FIELD CREW: MOD, JEC  
 BASE MAP: JEC  
 DRAWN: CDS  
 DESIGN: CDS  
 CHECKED: SAS  
 DATE: 02/26/24  
 SCALE: AS NOTED  
 PROJECT # 2368-23-001