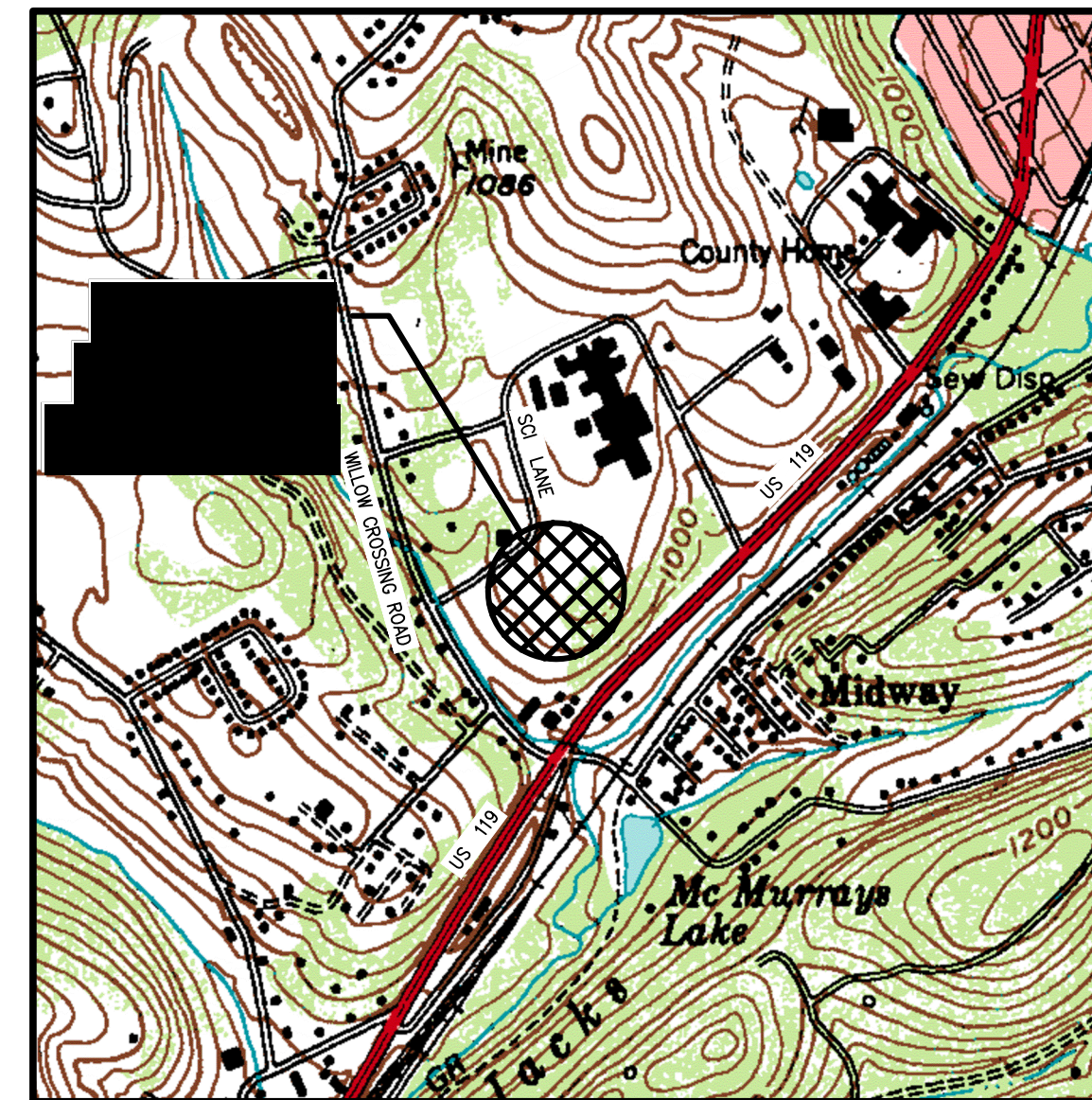


EROSION AND SEDIMENT CONTROL PLAN

FOR

HEMPFIELD TOWNSHIP, WESTMORELAND COUNTY, PENNSYLVANIA

JULY 27, 2018



SOURCE: BASE MAP FROM THE GREENSBURG, PA 7.5 MINUTE USGS TOPOGRAPHIC QUADRANGLE
LOCATION MAP
 SCALE: 1"=2000'

SHEET INDEX

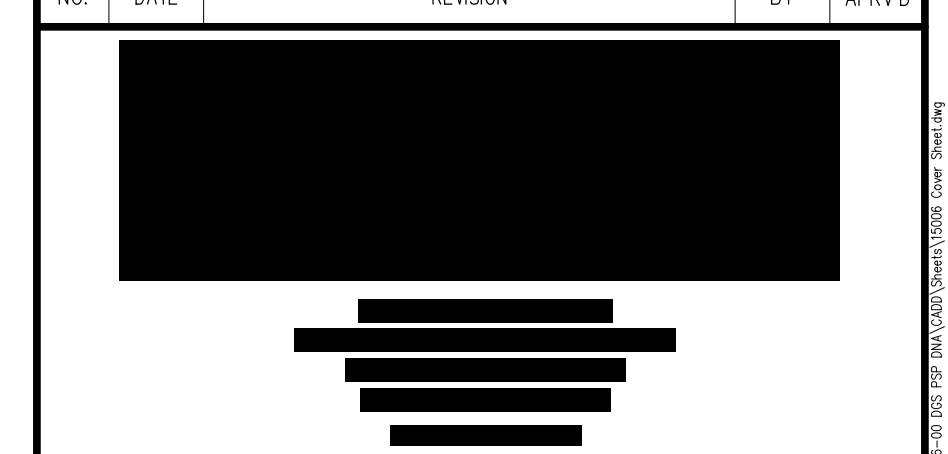
DRAWING NUMBER	DESCRIPTION
ESC-1	COVER SHEET
ESC-2	EXISTING CONDITIONS AND DEMOLITION PLAN
ESC-3	EROSION AND SEDIMENT CONTROL PLAN
ESC-4	EROSION AND SEDIMENT CONTROL DETAILS
ESC-5	EROSION AND SEDIMENT CONTROL NOTES



Know what's below.
 Call before you dig.

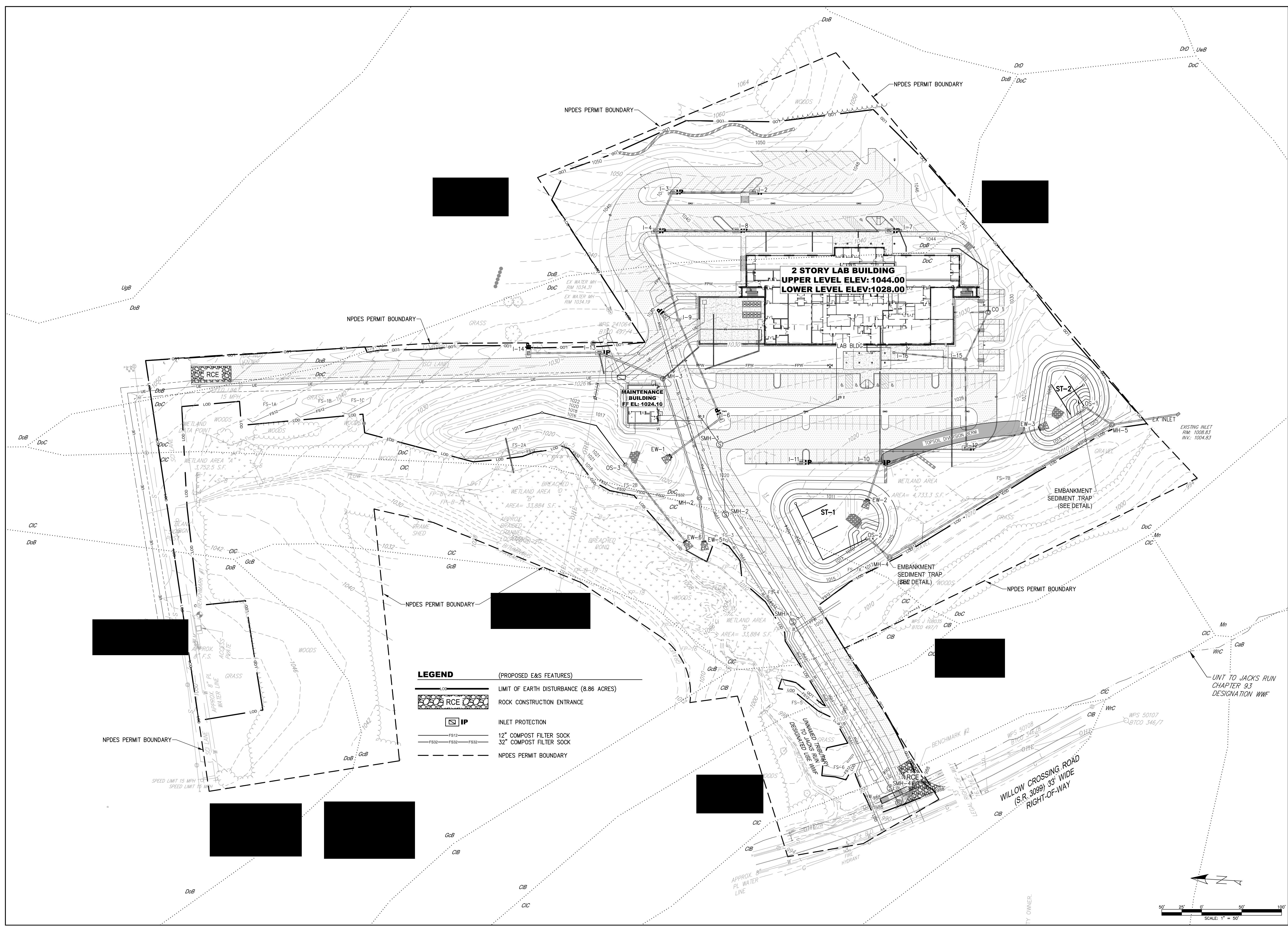
PENNSYLVANIA ACT 38(1991)/187(1996) REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH. PA ONE CALL SERIAL NO: 20160360536

NO.	DATE	REVISION	BY	APR'D



PROJECT NO.:	15006	DRAWING NUMBER	ESC - 1
DESIGNED BY:	DPG	SHEET 1 OF 5	
DRAWN BY:	BKK		
CHK'D BY:	DPG		
DATE:	07/27/2018		

FILE PATH: \\S:\3D\8082\8082.dwg PLOT DATE: 07/27/2018 11:47 AM PLOTTED BY: [redacted]
 LAST SAVED: 2018/07/27 08:27 AM PLOTTED: 2018/07/27 11:47 AM PLOTTED BY: [redacted]

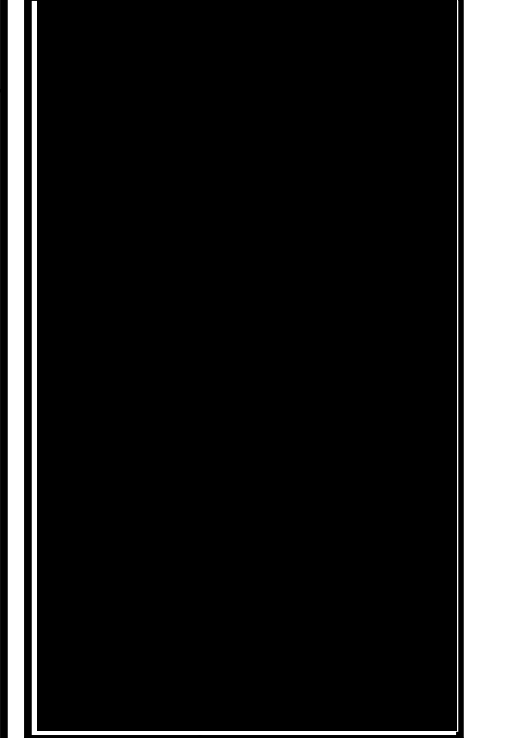


NO.	DATE	REVISION	BY	APP'D

THIS DRAWING AND INFORMATION IS AN INSTRUMENT OF SERVICE AND SHALL NOT BE COPIED OR USED IN ANY WAY WITHOUT WRITTEN AUTHORIZATION OF RADEBUSH ENGINEERING, INC. THIS DRAWING NOT FOR GENERAL USE AND ALL RIGHTS ARE RESERVED.

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND THE ARCHITECT/ENGINEER NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS.

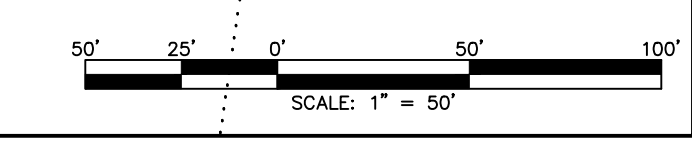
PROFESSIONAL CERTIFICATION
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF PENNSYLVANIA
LICENSE NO. _____
EXPIRATION DATE: _____



EROSION AND SEDIMENT CONTROL PLAN
HEMPFIELD TOWNSHIP WESTMORELAND COUNTY PA

REI PROJECT NO.: 15006
DESIGNED BY: DPG
DRAWN BY: BKK
CHK'D BY: DPG
DATE: 07/27/2018
SCALE: 1" = 50'

DRAWING NUMBER
ESC -3
SHEET 3 OF 5

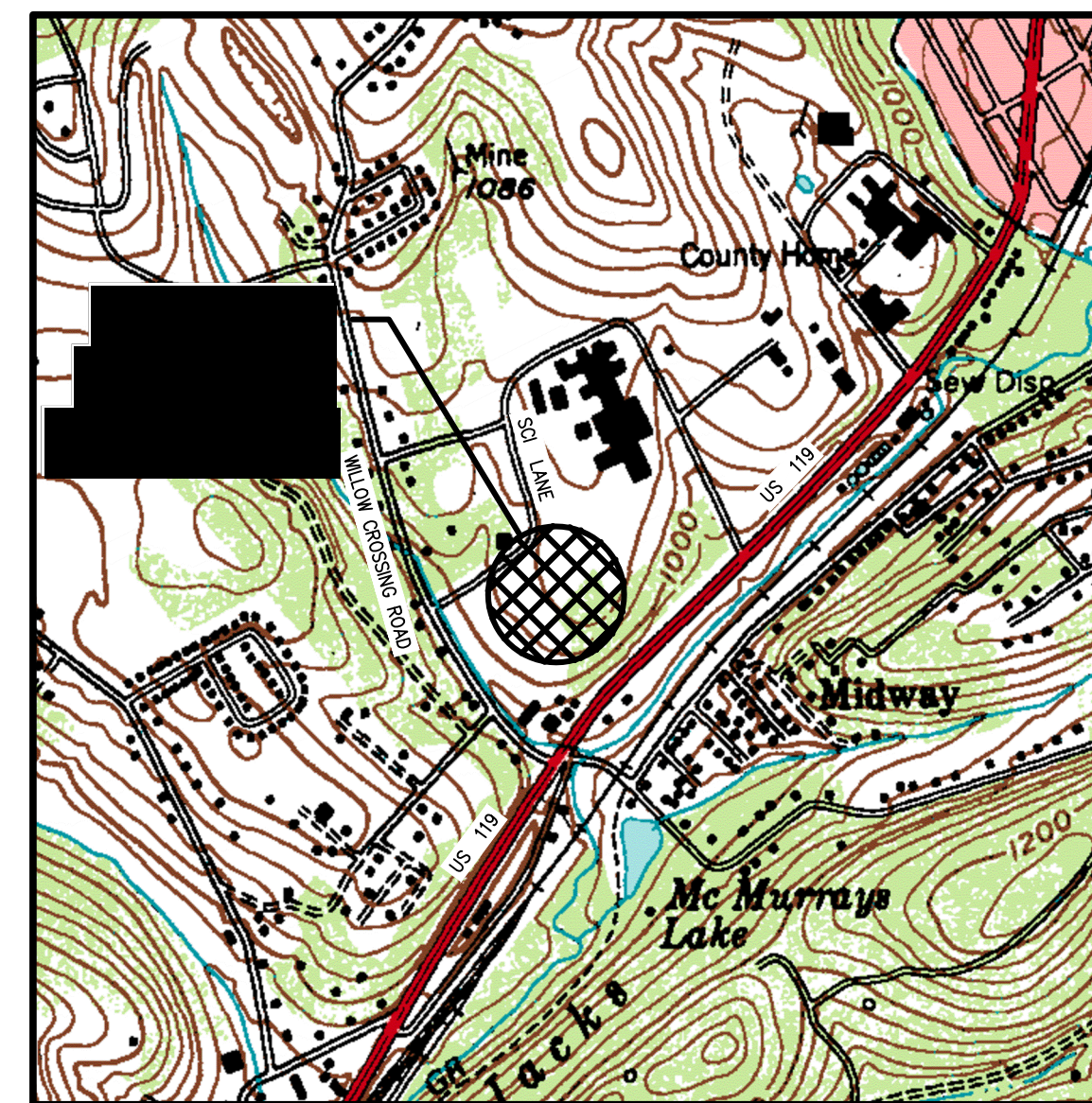


POST CONSTRUCTION STORMWATER MANAGEMENT PLAN

FOR

HEMPFIELD TOWNSHIP, WESTMORELAND COUNTY, PENNSYLVANIA

JULY 27, 2018



SOURCE: BASE MAP FROM THE GREENSBURG, PA 7.5 MINUTE USGS TOPOGRAPHIC QUADRANGLE
LOCATION MAP
 SCALE: 1"=2000'

SHEET INDEX

DRAWING NUMBER	DESCRIPTION
PCSM-1	COVER SHEET
PCSM-2	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
PCSM-3	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS AND NOTES



Know what's below.
Call before you dig.

PENNSYLVANIA ACT 38(1991)/187(1996) REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE COMMONWEALTH. PA ONE CALL SERIAL NO: 20160360536

NO.	DATE	REVISION	BY	APRVD

PROJECT NO.: 15006
 DESIGNED BY: DPG
 DRAWN BY: BKK
 CHK'D BY: DPG
 DATE: 07/27/2018

DRAWING NUMBER
PCSM-1
 SHEET 1 OF 3

FILE PATH: \\S:\15006\15006.dwg
 LAST SAVED: 2018/07/27 08:27 AM
 PLOTTED BY: [redacted]
 PLOTTED ON: [redacted]

LEGEND (PCSM FEATURES)

	OW	OBSERVATION WELL (SEE DETAIL)
	6" SOLID PVC UNDERDRAIN	
	6" PERFORATED PVC UNDERDRAIN	

NOTE:
FOR LEGEND AND ADDITIONAL INFORMATION OF EXISTING FEATURES, SEE OVERALL EXISTING CONDITIONS PLAN

POST CONSTRUCTION STORMWATER MANAGEMENT NOTES

- PCSM-1** INFILTRATION BASIN 1
- PCSM-2** INFILTRATION BASIN 2
- PCSM-3** INFILTRATION BASIN 3
- PCSM-4** INFILTRATION BASIN FOREBAY
- PCSM-5** EMERGENCY SPILLWAY (SEE DETAIL)
- PCSM-6** EARTHEN BERM WITH RIPRAP WINDOW
TOP OF BERM: 1012.00
RIPRAP: R-3
- PCSM-7** EARTHEN BERM WITH RIPRAP WINDOW
TOP OF BERM: 1012.00
RIPRAP: R-3
- PCSM-8** EARTHEN BERM WITH RIPRAP WINDOW
TOP OF BERM: 1018.00
RIPRAP: R-3

THIS DRAWING AND INFORMATION IS AN INSTRUMENT OF SERVICE AND SHALL NOT BE COPIED OR USED IN ANY WAY WITHOUT WRITTEN AUTHORIZATION OF RADEBUSH ENGINEERING, INC. THIS DRAWING NOT FOR GENERAL USE AND ALL RIGHTS ARE RESERVED.

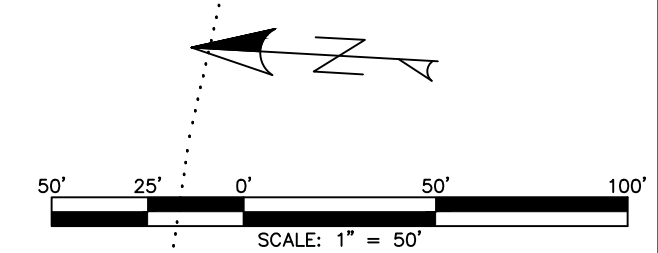
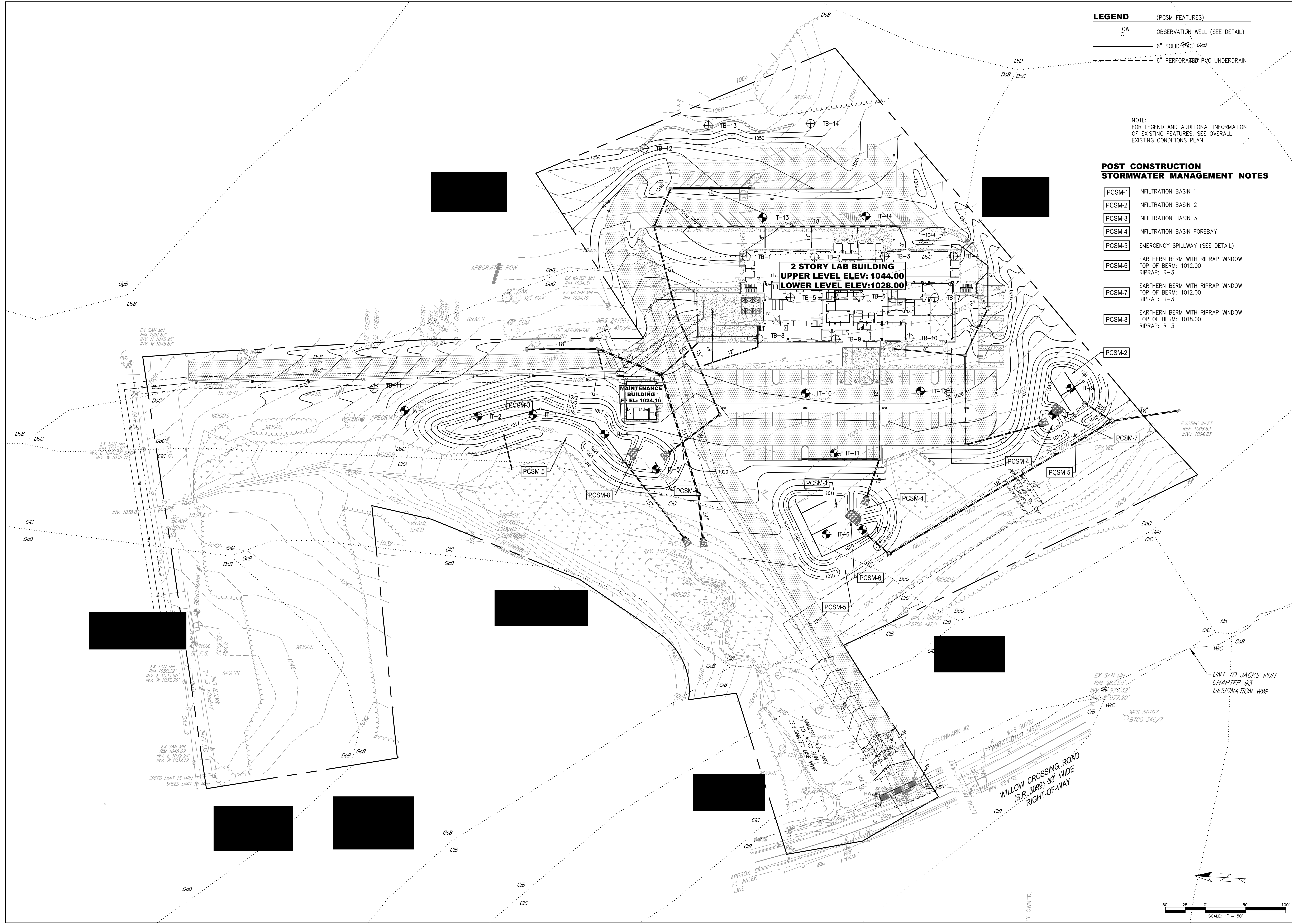
ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND THE ARCHITECT/ENGINEER NOTIFIED IF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.
DO NOT SCALE DRAWINGS.

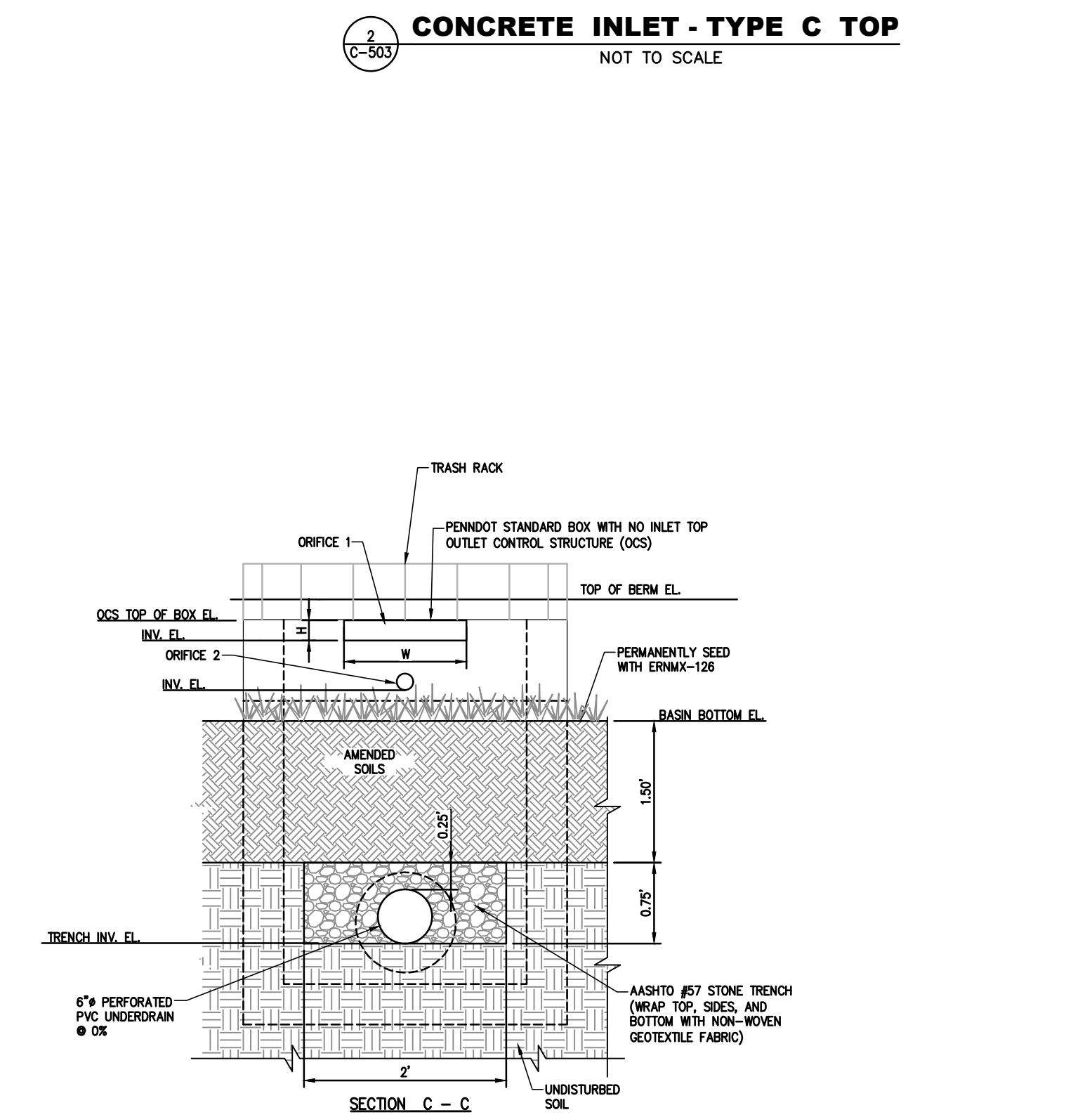
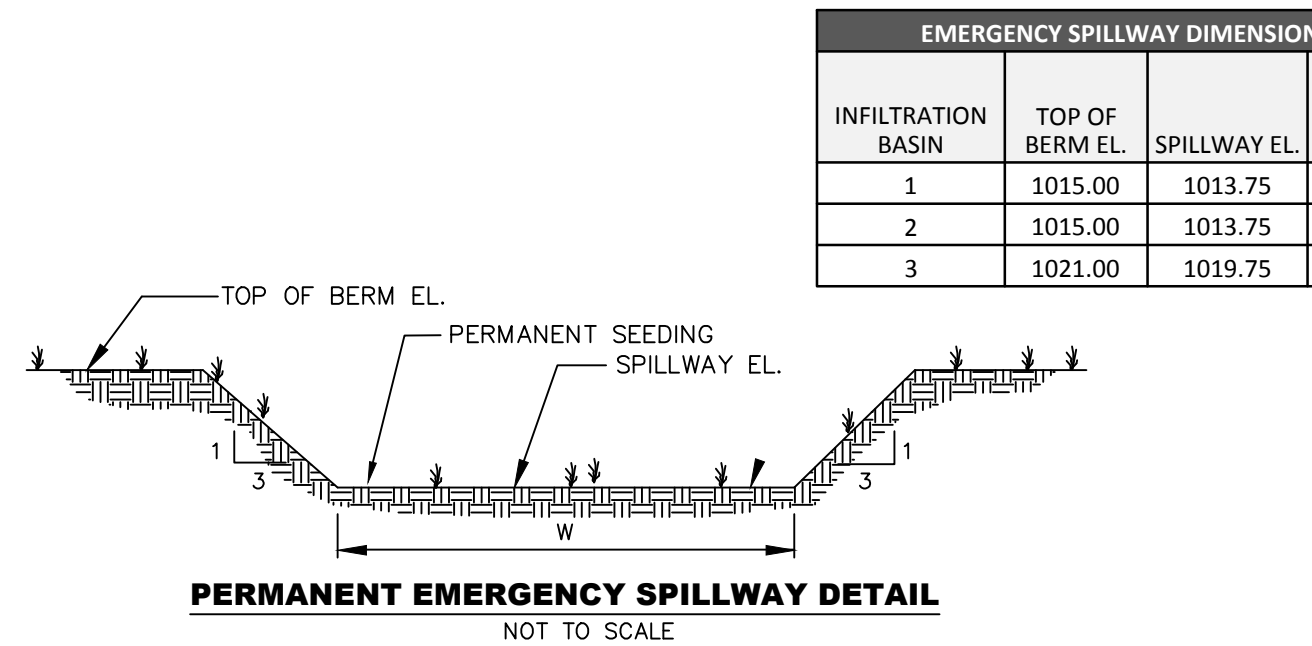
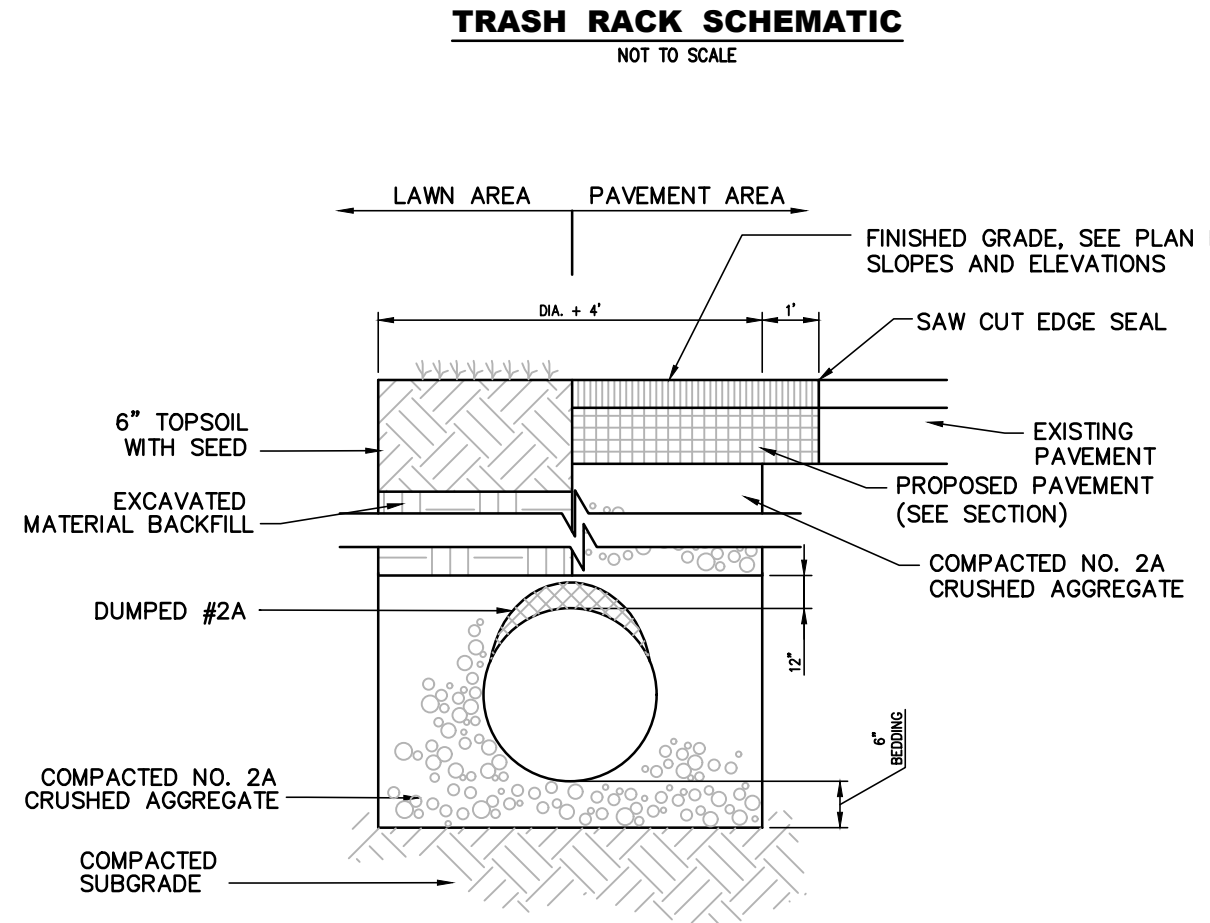
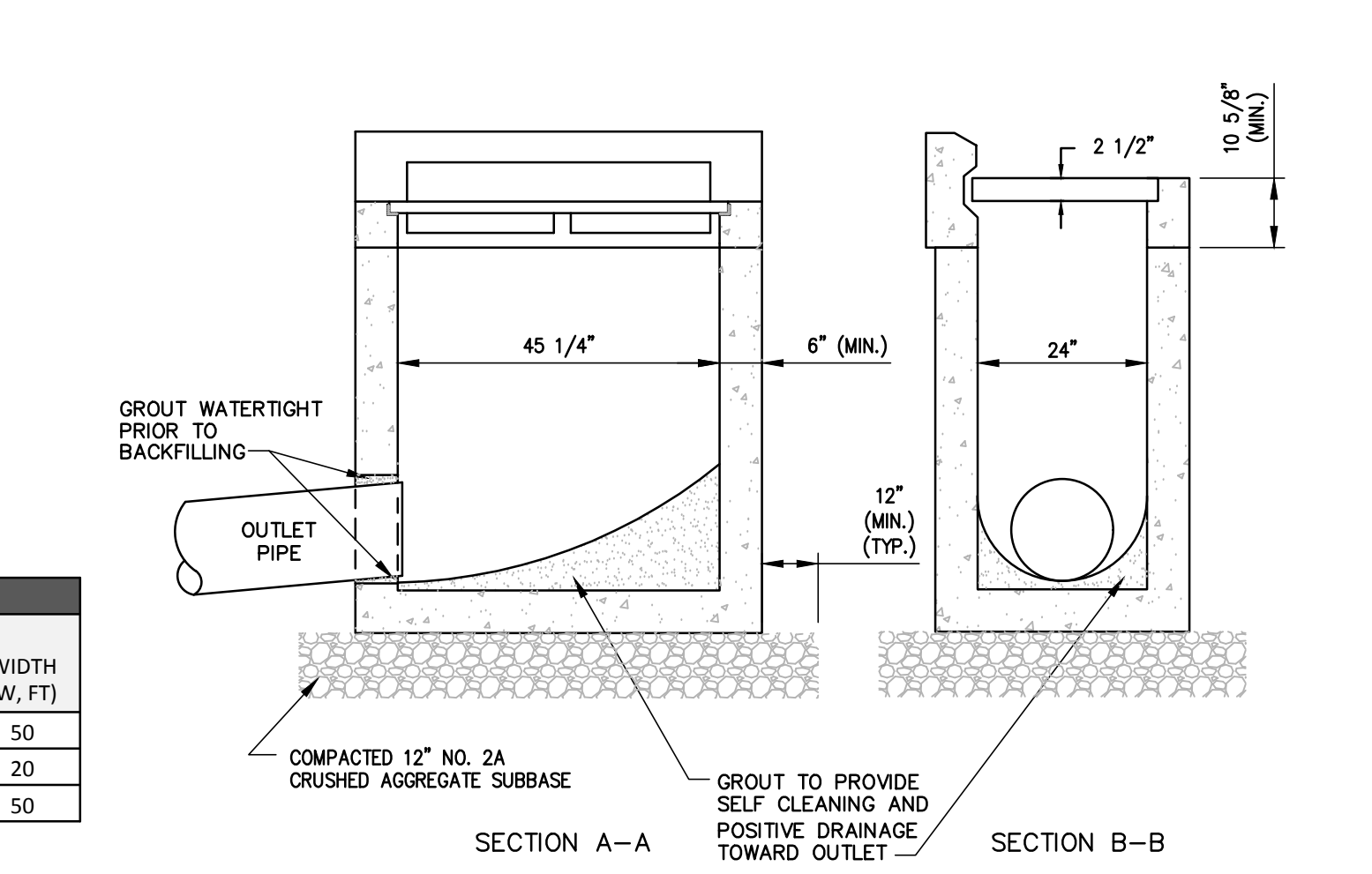
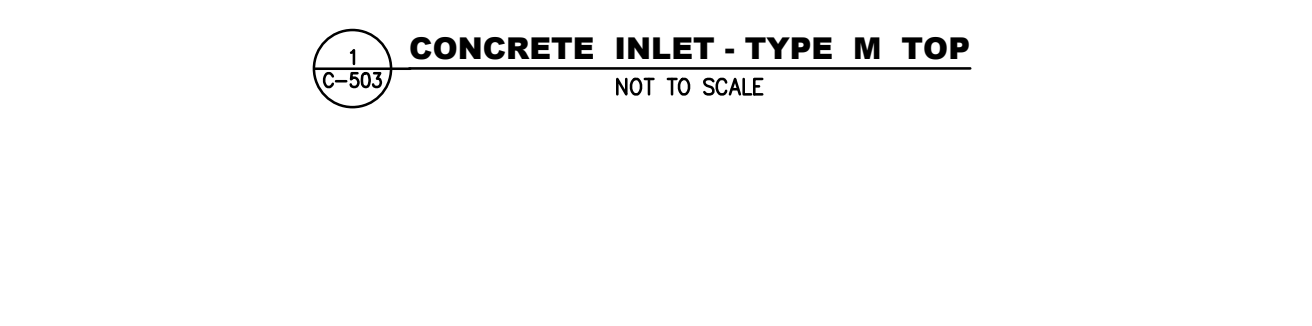
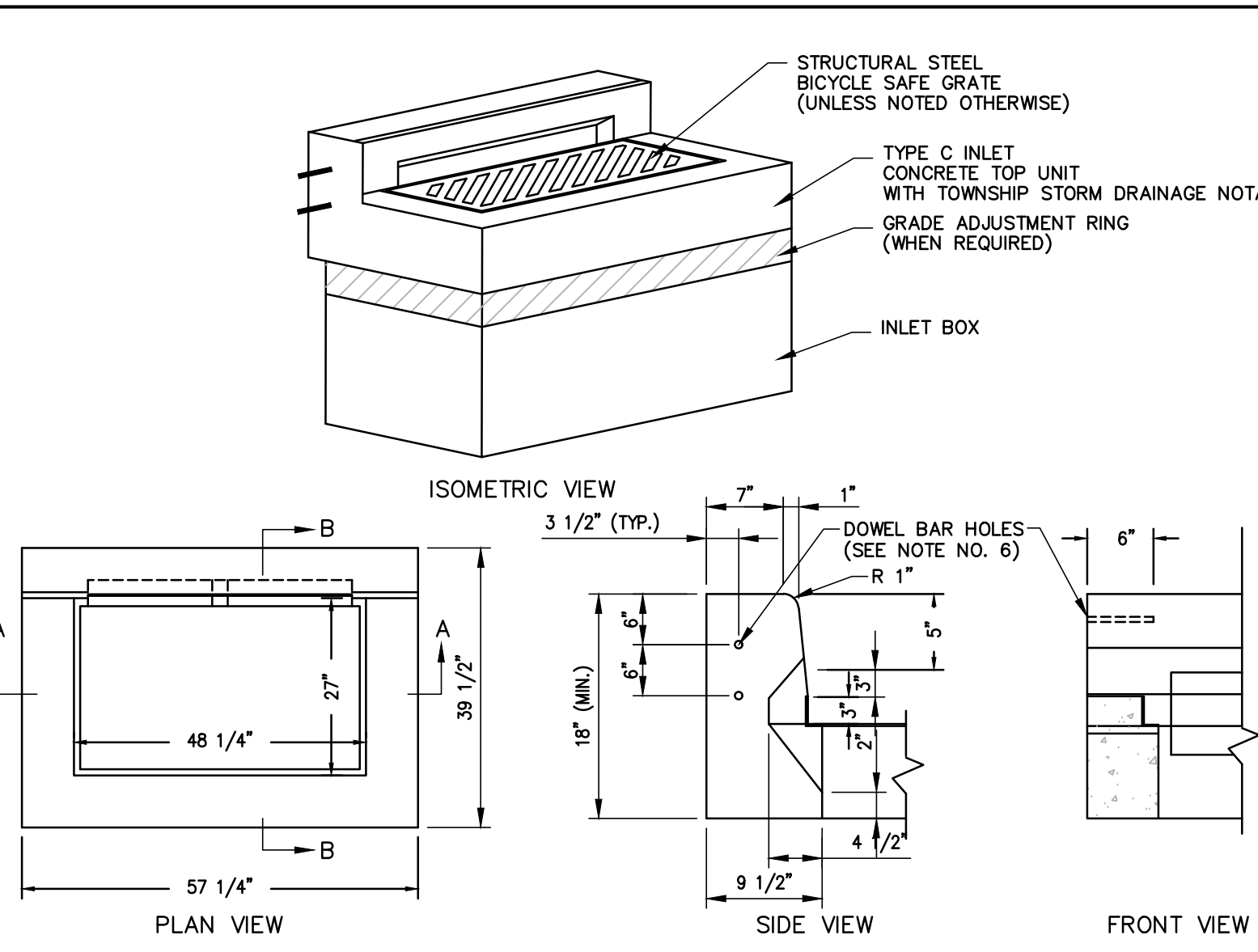
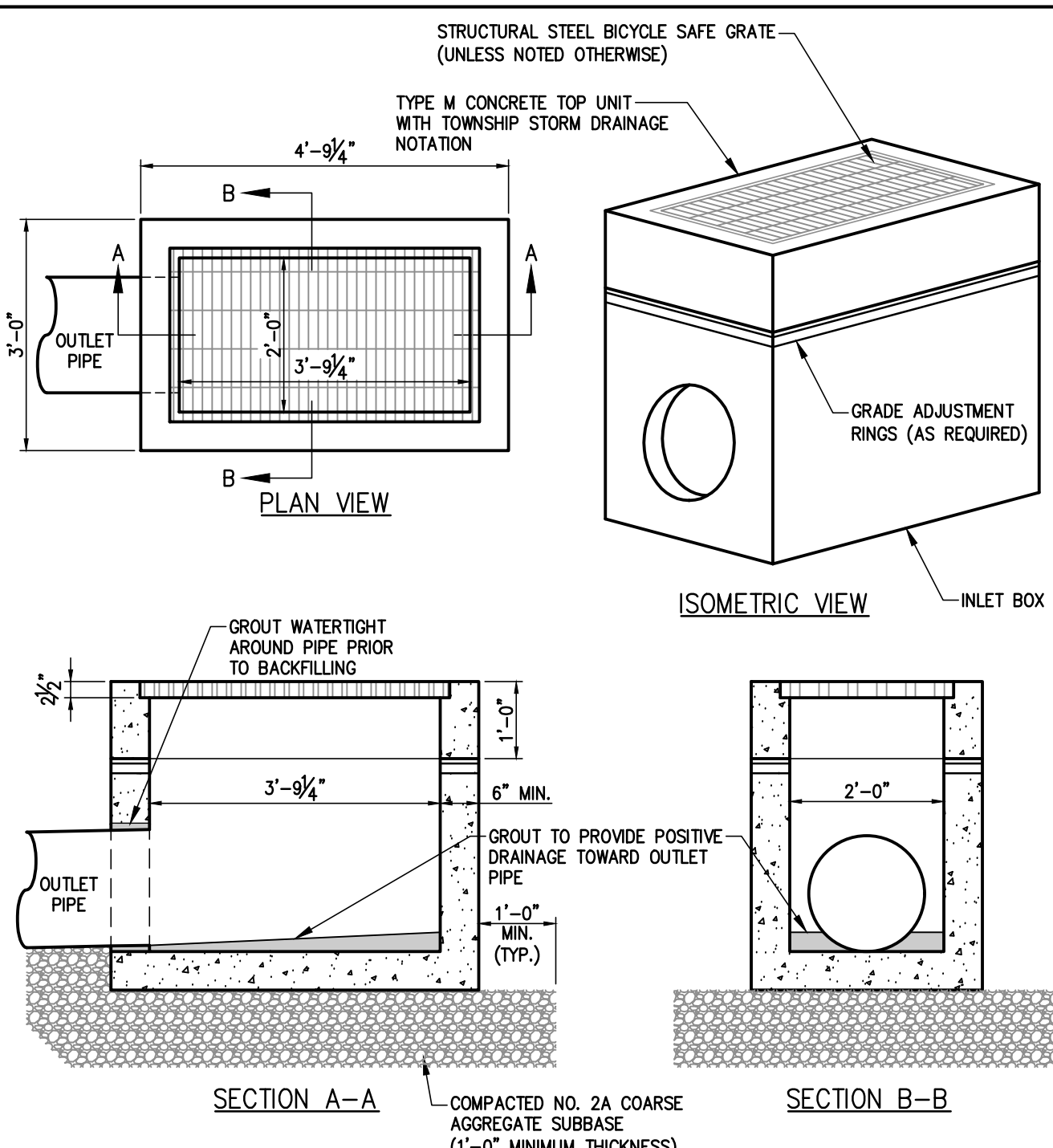
PROFESSIONAL CERTIFICATION
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF PENNSYLVANIA
LICENSE NO. [REDACTED]
EXPIRATION DATE: [REDACTED]

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
HEMPFIELD TOWNSHIP WESTMORELAND COUNTY PA

REI PROJECT NO.: 15006
DESIGNED BY: DPG
DRAWN BY: BKK
CHK'D BY: DPG
DATE: 07/27/2018
SCALE: 1" = 50'

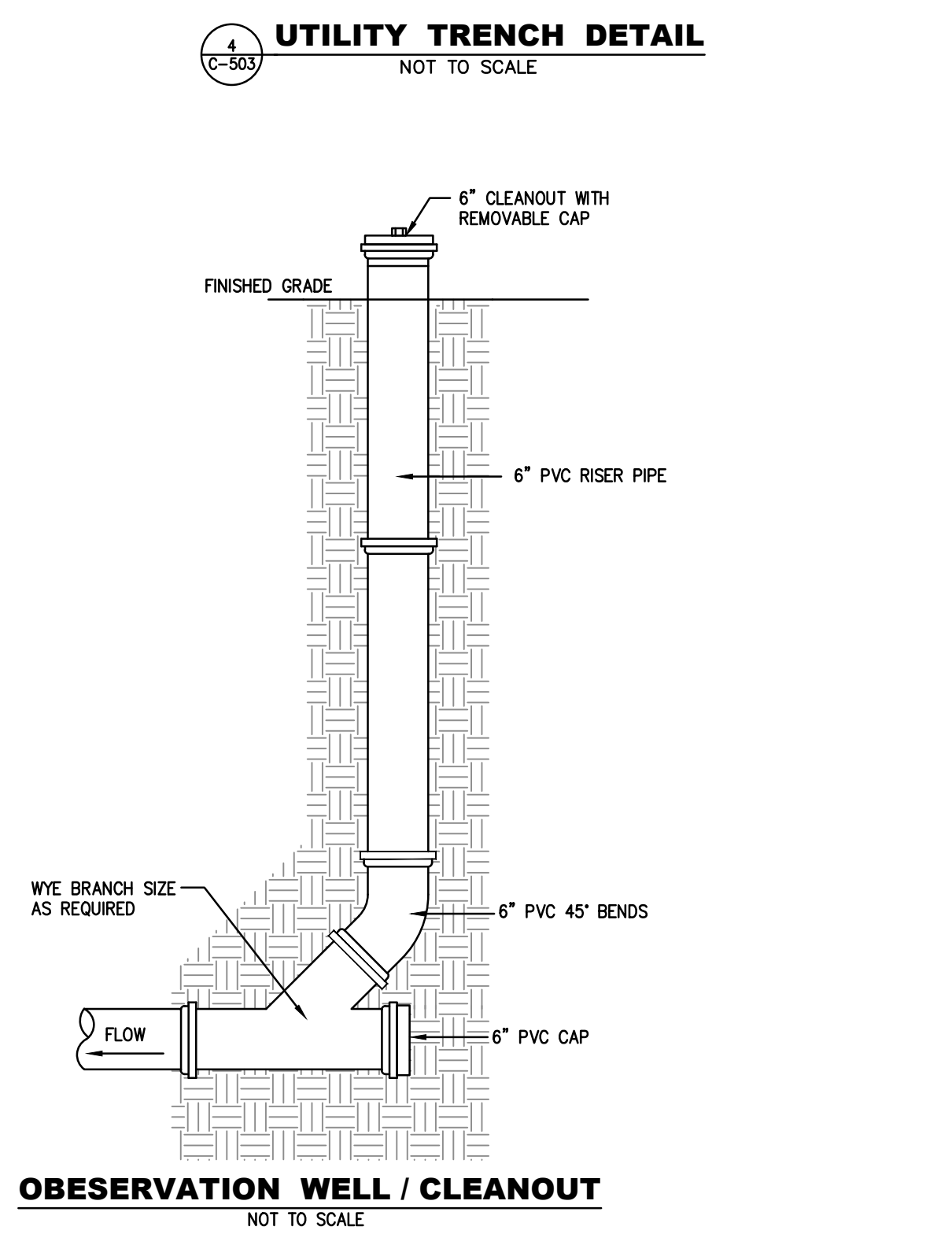
DRAWING NUMBER
PCSM-2
SHEET 2 OF 3





INFILTRATION BASIN	TOP OF BERM EL.	SPILLWAY EL.	WIDTH (W, FT)
1	1015.00	1013.75	50
2	1015.00	1013.75	20
3	1021.00	1019.75	50

INFILTRATION BASIN	TOP OF BERM EL.	OCS TOP OF BOX EL.	BASIN BOTTOM EL.	TRENCH INV. EL.	ORIFICE 1		ORIFICE 2		OCS DISCHARGE PIPE		
					W (IN)	H (IN)	INV. EL.	DIA. (IN)	INV. EL.	DIA. (IN)	INV. OUT EL.
1	1015.00	1012.00	1010.00	1007.75	6	3	1007.75	3	1010.50	15	1007.75
2	1015.00	1012.25	1010.00	1007.75	6	3	1007.75	3	1010.50	15	1007.75
3	1021.00	1018.00	1016.00	1013.75	6	3	1013.75	3	1017.00	15	1013.75



- GENERAL NOTES:**
- THE PURPOSE OF THIS POST-CONSTRUCTION STORMWATER MANAGEMENT (PCSM) PLAN IS TO PROTECT THE FUNCTION OF FLOODPLAINS, WETLANDS AND WOODED AREAS, PROTECT NATIVE PLANT COMMUNITIES, IMPROVE NATURAL DRAINAGE FROM EROSION, MINIMIZE THERMAL IMPACTS TO WATERS OF THE COMMONWEALTH, AND TO DISCONNECT IMPERVIOUS SURFACES BY DIRECTING RUNOFF TO PERVIOUS AREAS WHEREVER POSSIBLE. THE PLAN WILL PRESERVE THE INTEGRITY OF STREAM CHANNELS AND MAINTAIN THE PHYSICAL, BIOLOGICAL AND CHEMICAL QUALITIES OF THE RECEIVING STREAM. THE PLAN WILL MINIMIZE IMPERVIOUS AREAS AND MAXIMIZE THE PROTECTION OF EXISTING DRAINAGE FEATURES AND EXISTING VEGETATION. THE PLAN WILL MINIMIZE LAND CLEARING AND GRADING AND MINIMIZE SOIL COMPACTION.
 - THE DESIGN INTENT OF THIS PCSM PLAN IS TO PROTECT THE HEALTH, SAFETY AND WELFARE OF PEOPLE AND PROPERTY, AND TO MEET THE WATER QUALITY GOALS OF THE TOWNSHIP OF HEMPFIELD ORDINANCES CHAPTER 72 - STORMWATER MANAGEMENT AND LAND DISTURBANCE ACTIVITY (TOWNSHIP ORDINANCE) AND PA CODE TITLE 25, CHAPTER 102 (CHAPTER 102). THIS REPORT IDENTIFIES MEASURES TAKEN TO MEET THIS INTENT.
 - THE TOPOGRAPHIC SURVEY IS BASED ON A FIELD SURVEY PERFORMED BY RAUDENBUSH ENGINEERING, INC. IN FEBRUARY AND MAY OF 2016.
 - THE PROPERTY BOUNDARY DEPICTED ON THIS PLAN IS BASED ON A FINAL SUBDIVISION PLAN FOR THE LANDS OF COMMONWEALTH OF PENNSYLVANIA PREPARED BY NAVTECH, INC. DATED APRIL 21, 2014 AND RECORDED IN THE WESTMORELAND COUNTY RECORDER OF DEEDS OFFICE ON OCTOBER 9, 2014 TO INSTRUMENT NUMBER 2014009032897. RAUDENBUSH ENGINEERING, INC. DID NOT PERFORM A BOUNDARY SURVEY.
 - A PA ONE-CALL SYSTEM NOTIFICATION HAS BEEN MADE, SERIAL NO. 20160360536. THE CONTRACTOR SHALL CONTACT PA ONE-CALL BEFORE ANY CONSTRUCTION BEGINS.

- STAGING OF EARTHMOVING ACTIVITIES FOR CONSTRUCTION OF PCSM BMPs:**
- GENERAL NOTES:**
- A LICENSED PROFESSIONAL OR THEIR DESIGNEE SHALL BE PRESENT ON-SITE DURING CONSTRUCTION TO OBSERVE AND DOCUMENT THE FOLLOWING CRITICAL STAGES OF IMPLEMENTATION OF THE APPROVED PCSM PLAN, THE PCSM PLAN, INSPECTION REPORTS AND MONITORING RECORDS SHALL BE AVAILABLE FOR REVIEW AND INSPECTION BY THE PADEP OR LOCAL COUNTY CONSERVATION DISTRICT:
 - INFILTRATION BASIN 1 (IB-1)
 - INFILTRATION BASIN 2 (IB-2)
 - INFILTRATION BASIN 3 (IB-3)
 - AT LEAST 7 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, THE LANDOWNER, ALL APPROPRIATE MUNICIPAL OFFICIALS, AND A REPRESENTATIVE OF THE LOCAL COUNTY CONSERVATION DISTRICT TO AN ON-SITE PRE-CONSTRUCTION MEETING.
 - AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
 - ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SPECIFIC SEQUENCING. EACH STAGE SHALL BE COMPLETED AND IMMEDIATELY STABILIZED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING, GRUBBING AND TOPSOIL STRIPPING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE. ANY DEVIATION FROM THE FOLLOWING SEQUENCE MUST BE APPROVED IN WRITING BY THE LOCAL COUNTY CONSERVATION DISTRICT.
 - IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
 - IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE THE DISTURBED AREAS. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE RATES SPECIFIED ON THE APPROVED EROSION & SEDIMENT CONTROL PLAN. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE OR WHICH WILL BE RE-DISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY SEEDING VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINAL GRADE OR WHICH WILL NOT BE RE-DISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT SEEDING VEGETATIVE STABILIZATION SPECIFICATIONS.
 - ALL BUILDING MATERIALS AND WASTE SHALL BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1, AND 287.1 ET SEQ. NO BUILDING MATERIALS OR WASTE OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.
 - ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG OR EQUIVALENT SEDIMENT REMOVAL FACILITY, OVER UNDISTURBED VEGETATED AREAS.

- SPECIFIC STAGING OF EARTHMOVING ACTIVITIES:**
- STAGE 1. SEE THE APPROVED EROSION & SEDIMENT CONTROL PLAN FOR STAGING OF EARTHMOVING ACTIVITIES DURING CONSTRUCTION.
- STAGE 2. ALL CONSTRUCTION MUST BE COMPLETE, TEMPORARY EAS BMPs MUST BE PROPERLY REMOVED AND ALL DISTURBED AREAS MUST BE PERMANENTLY STABILIZED, IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE LISTED ON THE APPROVED E&S CONTROL PLAN, BEFORE FINAL CONSTRUCTION OF THE PCSM INFILTRATION BASINS (BASINS) MAY BEGIN.
- STAGE 3. BEFORE PROCEEDING WITH THIS CONSTRUCTION SEQUENCE, THE BOTTOM OF THE SEDIMENT TRAP / INFILTRATION BASINS MUST BE DRY AND PRECIPITATION SHOULD NOT BE ANTICIPATED WITHIN THE ESTIMATED TIMEFRAME FOR COMPLETION OF THE PCSM CONSTRUCTION SEQUENCE. IF PONDING WATER IS PRESENT IN THE SEDIMENT TRAP, THE CONTRACTOR MAY USE A PUMPED WATER FILTER BAG, IN ACCORDANCE WITH GENERAL NOTE 8 ABOVE, TO EXPEDITE THE DRYING PROCESS.
- STAGE 4. DURING THE FOLLOWING STAGES OF CONSTRUCTION, CAUTION MUST BE TAKEN TO AVOID EXCESSIVE SOIL COMPACTION OF THE BASIN BOTTOM, THE USE OF RELATIVELY LIGHT TRACK MOUNTED CONSTRUCTION EQUIPMENT AND AVOIDING THE USE OF LARGE HEAVY TIRE MOUNTED CONSTRUCTION EQUIPMENT IS RECOMMENDED.
- STAGE 5. REMOVE THE SEDIMENT TRAP EMBANKMENTS AND CONSTRUCT THE BASINS AS INDICATED ON THE PLAN AND ASSOCIATED DETAILS. REMOVE AND PROPERLY DISPOSE OF ANY ACCUMULATED SEDIMENT AND OVER EXCAVATE THE BOTTOM OF THE BASINS TO ALLOW FOR SOIL AMENDMENTS AS INDICATED BY THE BASIN DETAIL. PLACE THE AMENDED SOILS IN THE BOTTOM OF THE BASIN AND PERMANENTLY STABILIZE ALL DISTURBED AREAS AS INDICATED ON THE PLAN.
- STAGE 6. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATORS SHALL CONTACT THE LOCAL COUNTY CONSERVATION DISTRICT FOR AN INSPECTION PRIOR TO THE REMOVAL OF ANY REMAINING E&S CONTROL BMPs.
- STAGE 7. TEMPORARY EAS CONTROL BMPs CAN ONLY BE REMOVED WHEN THE WATERSHED DRAINING TO THE BMP IS PERMANENTLY STABILIZED AND REMOVAL IS AUTHORIZED BY THE LOCAL COUNTY CONSERVATION DISTRICT. PERMANENTLY STABILIZED IS DEFINED AS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY CAPABLE OF RESISTING ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS. UPON AUTHORIZATION BY THE LOCAL COUNTY CONSERVATION DISTRICT, PROPERLY REMOVE AND/OR DEMOLISH IN PLACE ALL REMAINING EAS CONTROL BMPs, INCLUDING TEMPORARY CONTROLS PLACED ON THE PERMANENT BASIN OUTLET STRUCTURE, AND IMMEDIATELY PERMANENTLY STABILIZE ALL DISTURBED AREAS.
- STAGE 8. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES, REMOVAL OF ALL TEMPORARY E&S CONTROL BMPs, INSTALLATION OF ALL PERMANENT PCSM BMPs, AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATORS SHALL CONTACT THE LOCAL COUNTY CONSERVATION DISTRICT FOR A FINAL INSPECTION.

- STORMWATER BMP OPERATION AND MAINTENANCE PLAN:**
- THE STORMWATER BEST MANAGEMENT PRACTICES (BMPs) AS SHOWN ON THIS PLAN SHALL BE MAINTAINED TO FUNCTION AS DESIGNED AS PER THE PROCEDURES DESCRIBED BELOW. FACILITIES SHALL BE OWNED AND MAINTAINED BY THE OWNER(S) OF THE LOT ON WHICH THE FACILITIES ARE LOCATED. THE FACILITIES ARE TO REMAIN PERMANENT AND CAN ONLY BE REMOVED OR ALTERED AFTER APPROVAL BY ONE OR MORE OF THE FOLLOWING ENTITIES WHICH MAY HAVE JURISDICTION: HEMPFIELD TOWNSHIP, WESTMORELAND CONSERVATION DISTRICT, AND/OR PADEP.
- FOR ANY STRUCTURAL FACILITY (PIPE, INLET), IT MUST BE REPAIRED OR REPLACED IF DAMAGED MORE THAN SUPERFICIALLY, IN A WAY THAT IS A SAFETY HAZARD, IF STRUCTURALLY UNSOUND, OR IF NOT SUBSTANTIALLY PERFORMING AS IT IS INTENDED PER THE ORIGINAL DESIGN. THE RESPONSIBLE OWNERS SHALL KEEP A RECORD OF ANY REPAIRED OR REPLACED FACILITY, INCLUDING COSTS, DATES, MATERIALS REMOVED, MATERIALS PLACED, AND THE CONTRACTOR(S) INFORMATION.
- INSPECTION AND MAINTENANCE TASKS FOR INFILTRATION BASINS & OUTLET CONTROL STRUCTURES:**
- BASINS TO BE INSPECTED ANNUALLY FOR THE FIRST FIVE (5) YEARS AND ONCE EVERY THREE (3) YEARS THEREAFTER.
 - BASINS TO BE INSPECTED DURING OR IMMEDIATELY AFTER THE CESSATION OF A 10-YEAR OR GREATER STORM.
 - ALL PIPES AND OUTLET CONTROL STRUCTURES TO BE KEPT FREE OF DEBRIS OR OTHER OBSTRUCTION AND IN ORIGINAL DESIGN CONDITION.
 - SCOURED AREAS OR AREAS WHERE VEGETATION HAS NOT BEEN SUCCESSFULLY ESTABLISHED SHALL BE RE-SEEDING IMMEDIATELY.

NO.	DATE	BY	REVISION

THIS DRAWING AND INFORMATION IS AN INSTRUMENT OF SERVICE AND SHALL NOT BE COPIED OR USED IN ANY WAY WITHOUT WRITTEN AUTHORIZATION OF RAUDENBUSH ENGINEERING, INC. THIS DRAWING NOT FOR GENERAL USE AND ALL RIGHTS ARE RESERVED.

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND THE ARCHITECT/ENGINEER NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.

DO NOT SCALE DRAWINGS.

PROFESSIONAL CERTIFICATION
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF PENNSYLVANIA.
LICENSE NO. _____
EXPIRATION DATE: _____

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS AND NOTES

WESTMORELAND COUNTY PA
HEMPFIELD TOWNSHIP

REI PROJECT NO.: 15006

DESIGNED BY: DPG

DRAWN BY: BKK

CHK'D BY: DPG

DATE: 07/27/2018

SCALE: AS SHOWN

DRAWING NUMBER

PCSM-3

SHEET 3 OF 3