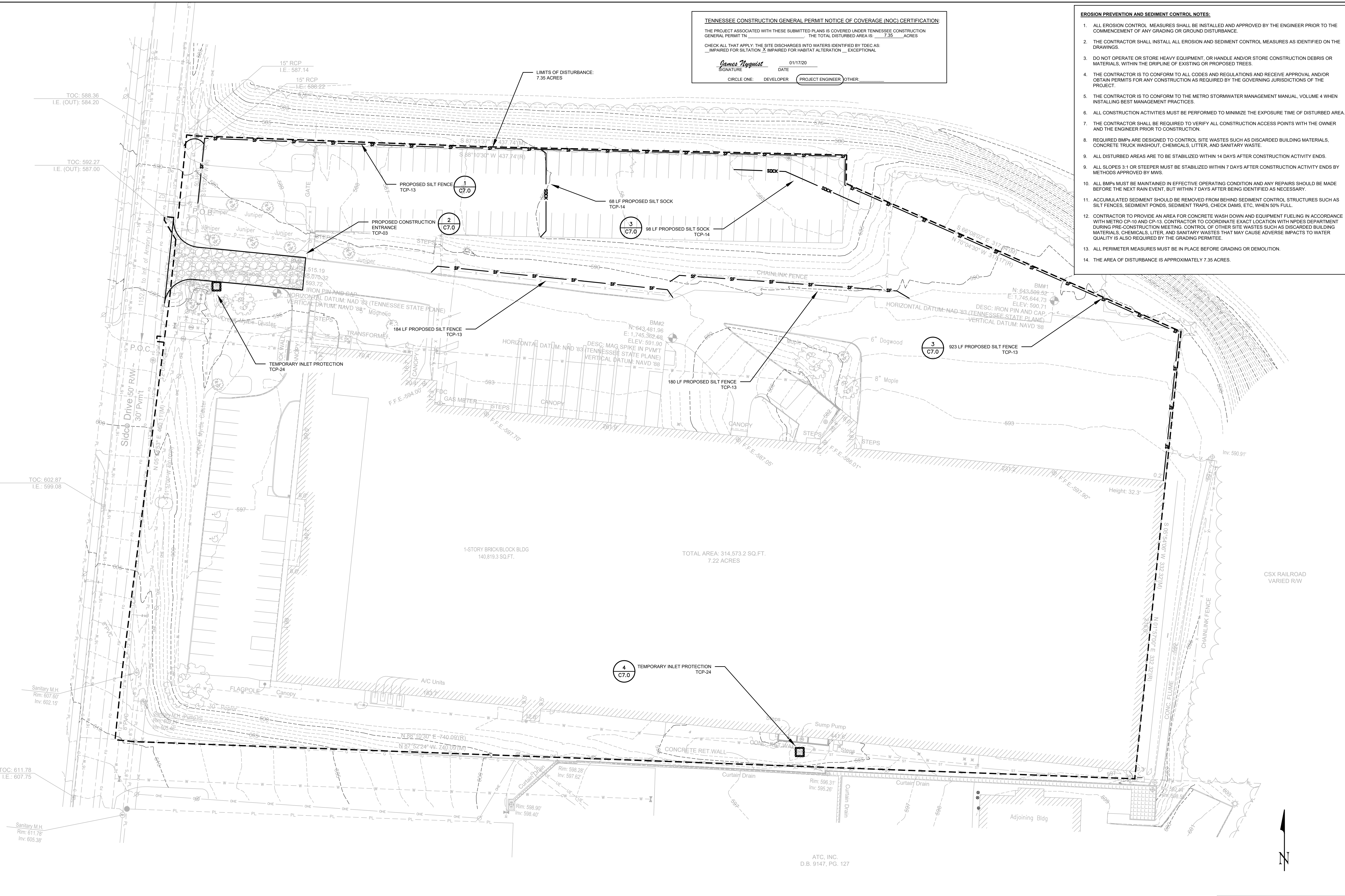


TENNESSEE CONSTRUCTION GENERAL PERMIT NOTICE OF COVERAGE (NOC) CERTIFICATION:
 THE PROJECT ASSOCIATED WITH THESE SUBMITTED PLANS IS COVERED UNDER TENNESSEE CONSTRUCTION GENERAL PERMIT TN _____ THE TOTAL DISTURBED AREA IS: 7.35 ACRES
 CHECK ALL THAT APPLY: THE SITE DISCHARGES INTO WATERS IDENTIFIED BY TDEC AS:
 IMPAIRED FOR SILTATION IMPAIRED FOR HABITAT ALTERATION EXCEPTIONAL

James Nyoquist 01/17/20
 SIGNATURE DATE
 CIRCLE ONE: DEVELOPER PROJECT ENGINEER OTHER: _____

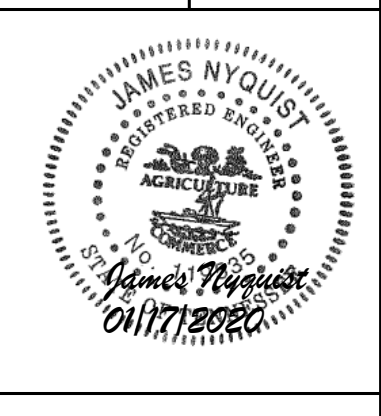
- EROSION PREVENTION AND SEDIMENT CONTROL NOTES:**
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND APPROVED BY THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY GRADING OR GROUND DISTURBANCE.
 - THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS IDENTIFIED ON THE DRAWINGS.
 - DO NOT OPERATE OR STORE HEAVY EQUIPMENT, OR HANDLE AND/OR STORE CONSTRUCTION DEBRIS OR MATERIALS, WITHIN THE DRIPLINE OF EXISTING OR PROPOSED TREES.
 - THE CONTRACTOR IS TO CONFORM TO ALL CODES AND REGULATIONS AND RECEIVE APPROVAL AND/OR OBTAIN PERMITS FOR ANY CONSTRUCTION AS REQUIRED BY THE GOVERNING JURISDICTIONS OF THE PROJECT.
 - THE CONTRACTOR IS TO CONFORM TO THE METRO STORMWATER MANAGEMENT MANUAL, VOLUME 4 WHEN INSTALLING BEST MANAGEMENT PRACTICES.
 - ALL CONSTRUCTION ACTIVITIES MUST BE PERFORMED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED AREA.
 - THE CONTRACTOR SHALL BE REQUIRED TO VERIFY ALL CONSTRUCTION ACCESS POINTS WITH THE OWNER AND THE ENGINEER PRIOR TO CONSTRUCTION.
 - REQUIRED BMPs ARE DESIGNED TO CONTROL SITE WASTES SUCH AS DISCARDED BUILDING MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER, AND SANITARY WASTE.
 - ALL DISTURBED AREAS ARE TO BE STABILIZED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY ENDS.
 - ALL SLOPES 3:1 OR STEEPER MUST BE STABILIZED WITHIN 7 DAYS AFTER CONSTRUCTION ACTIVITY ENDS BY METHODS APPROVED BY MWS.
 - ALL BMPs MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION AND ANY REPAIRS SHOULD BE MADE BEFORE THE NEXT RAIN EVENT, BUT WITHIN 7 DAYS AFTER BEING IDENTIFIED AS NECESSARY.
 - ACCUMULATED SEDIMENT SHOULD BE REMOVED FROM BEHIND SEDIMENT CONTROL STRUCTURES SUCH AS SILT FENCES, SEDIMENT PONDS, SEDIMENT TRAPS, CHECK DAMS, ETC. WHEN 50% FULL.
 - CONTRACTOR TO PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT FUELING IN ACCORDANCE WITH METRO CP-10 AND CP-13. CONTRACTOR TO COORDINATE EXACT LOCATION WITH NPDES DEPARTMENT DURING PRE-CONSTRUCTION MEETING. CONTROL OF OTHER SITE WASTES SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTES THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY IS ALSO REQUIRED BY THE GRADING PERMITEE.
 - ALL PERIMETER MEASURES MUST BE IN PLACE BEFORE GRADING OR DEMOLITION.
 - THE AREA OF DISTURBANCE IS APPROXIMATELY 7.35 ACRES.



DATE	DESCRIPTION OF REVISION
12/16/19	ISSUED FOR PERMIT & CONSTRUCTION

FORSTONE CAPITAL
 750 EAST MAIN STREET
 STAMFORD, CT 06902

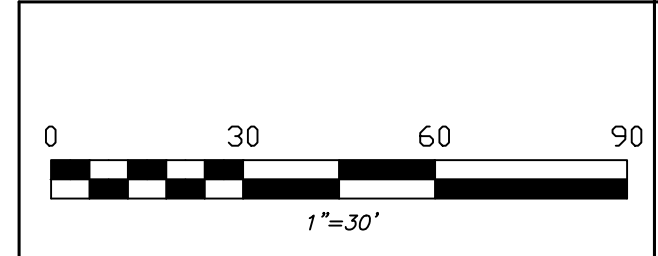
3040 SIDCO DRIVE
 INITIAL EPSC PLAN



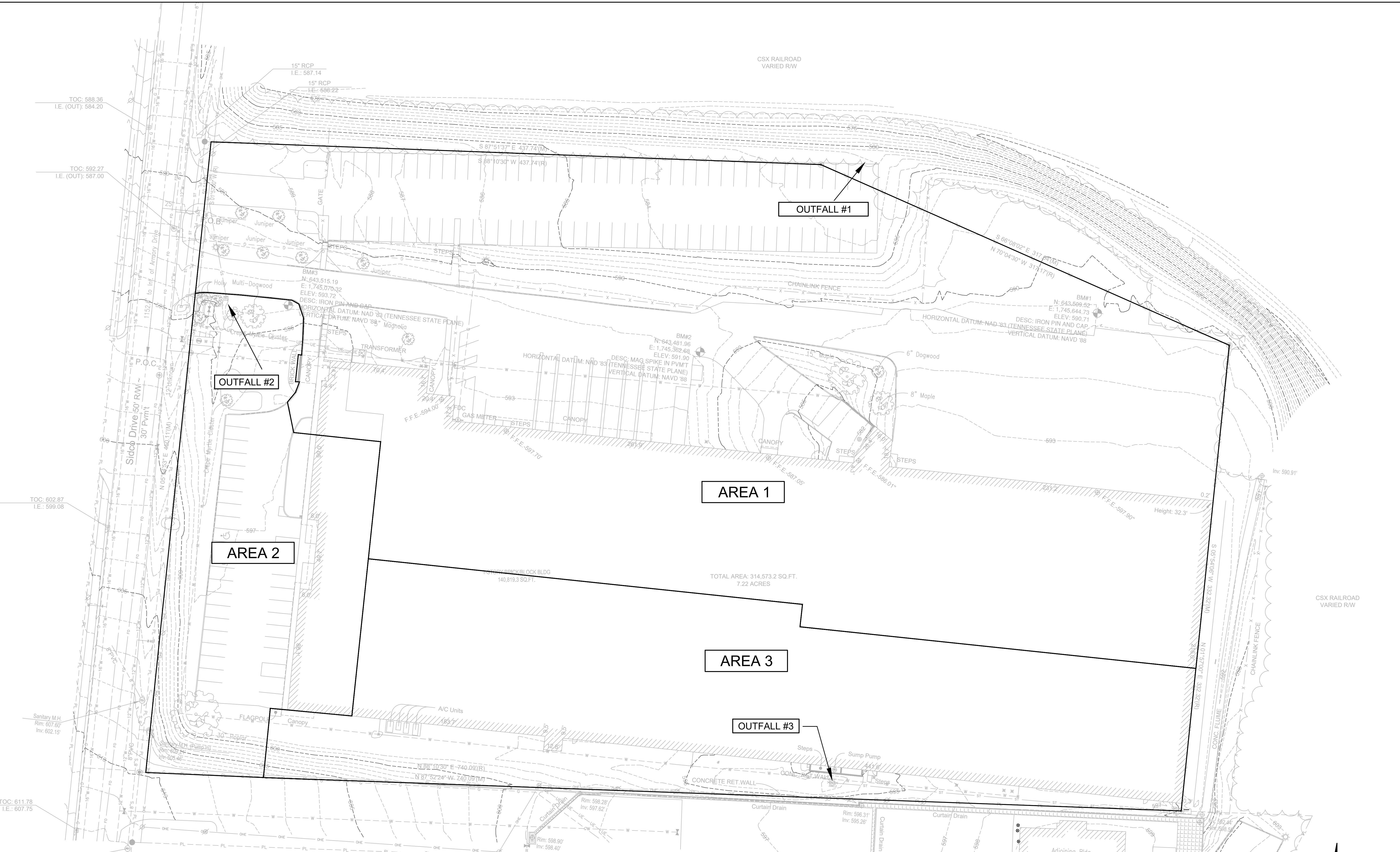
S + H ENGINEERING DESIGN CONSULTING
 2606 EUGENIA AVENUE
 NASHVILLE, TN 37211 SUITE D
 TEL: 615.645.1500

DATE:	12/16/19
SCALE:	1" = 30'
DRAWN BY:	JSN
REVIEWED BY:	

SHEET NUMBER:
C2.0



ATC, INC.
 D.B. 9147, PG. 127



AREA 1

AREA 2

AREA 3

OUTFALL #1

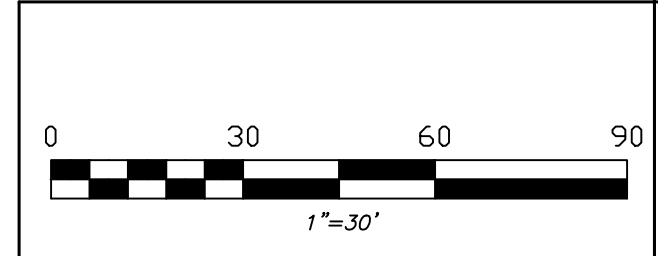
OUTFALL #2

OUTFALL #3

PRE-DEVELOPED DRAINAGE AREAS						
	IMPERVIOUS		PERVIOUS		TOTAL	
	SQUARE FEET	ACRES	SQUARE FEET	ACRES	SQUARE FEET	ACRES
AREA 1	152,810	3.51	40,604	0.93	193,414	4.44
AREA 2	22,560	0.52	16,743	0.38	39,303	0.90
AREA 3	62,576	1.44	17,439	0.40	80,015	1.84
TOTAL	237,946	5.47	74,786	1.71	312,732	7.18

ATC, INC.
D.B. 9147, PG. 127

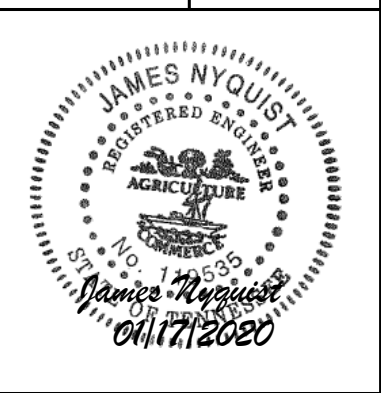
DRAINAGE AREA 1 OUTLET - NE
DRAINAGE AREA 2 OUTLET - NW
DRAINAGE AREA 3 OUTLET - E



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750 EAST MAIN STREET
STAMFORD, CT 06902

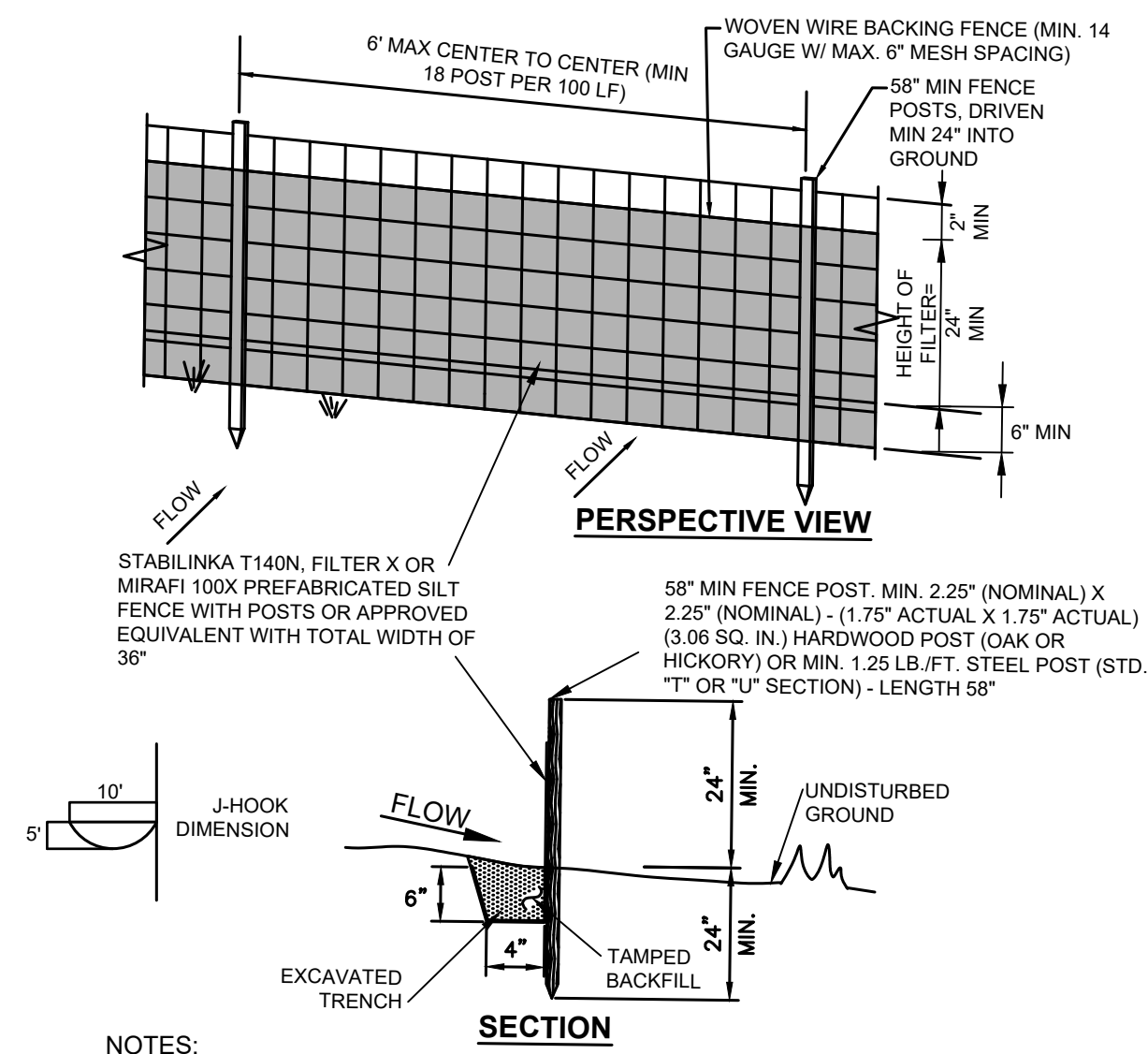
3040 SIDCO DRIVE
PRE-DEVELOPMENT DRAINAGE MAP



S + H ENGINEERING
DESIGN
CONSULTING
2608 EUGENIA AVENUE
NASHVILLE, TN 37214 SUITE D
TEL: 615.645.1500

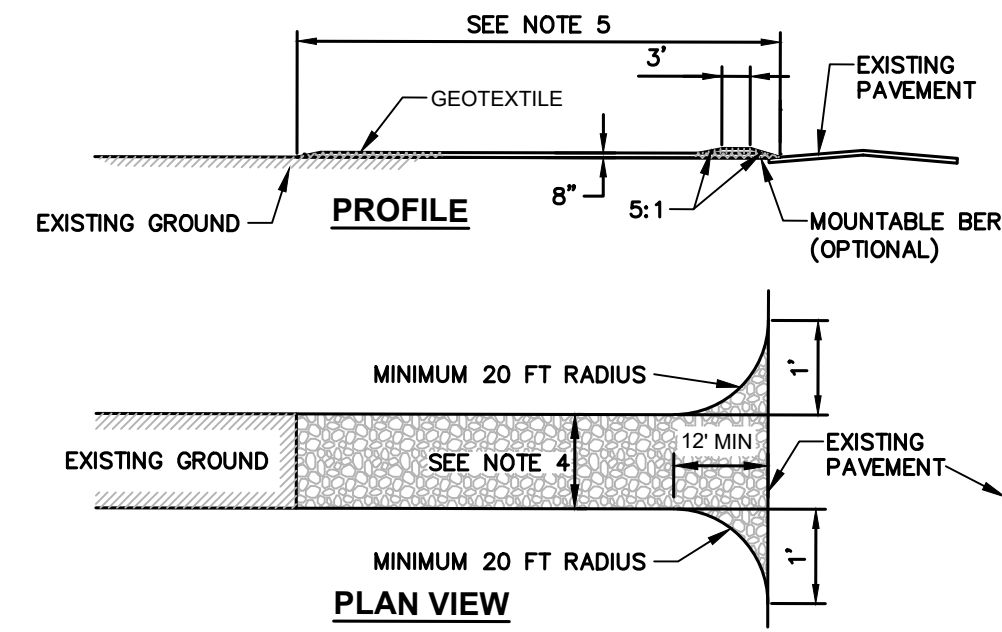
DATE: 12/16/19
SCALE: 1" = 30'
DRAWN BY: JSN
REVIEWED BY:

SHEET NUMBER:
C5.3



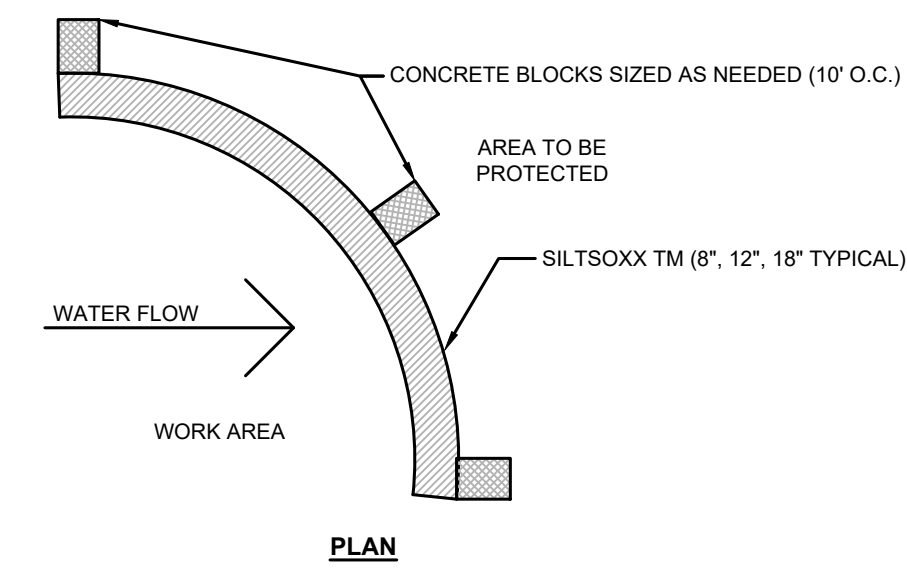
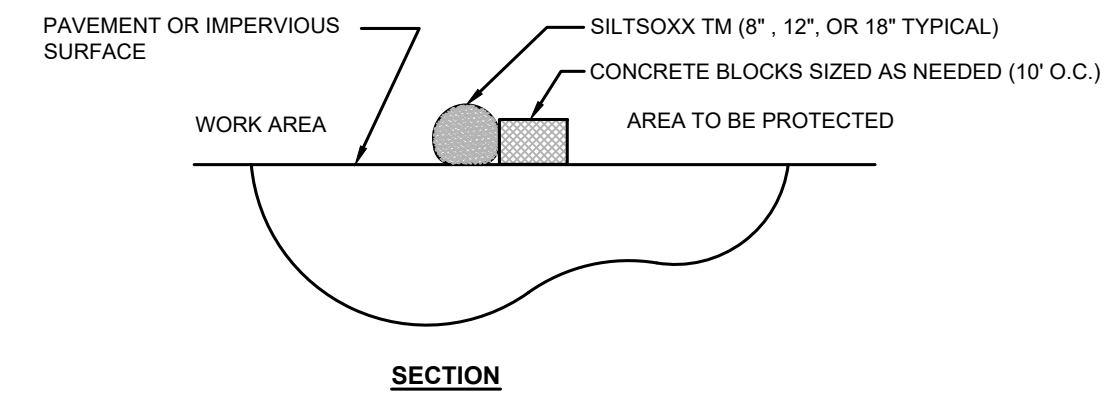
- NOTES:**
- SILT FENCE INSTALLATION SHALL BE IN ACCORDANCE WITH MWS TCP-13.
 - TYPICAL J-HOOK DIMENSIONS SHOULD BE AT A MINIMUM WIDTH (PARALLEL TO CONTOUR) AT 10 FT WITH A DEPTH OF (PERPENDICULAR TO CONTOUR) OF 5 FT. WHERE SPACE IS LIMITED, NARROWER HOOK MAY BE USED WITH A HIGHER SPACING FREQUENCY. J-HOOKS SHOULD BE 20'-30' O.C.
 - WOVEN WIRE BACKING FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL "T" OR "U" TYPE OR HARDWOOD.
 - FILTER FABRIC TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAX MESH OPENING.
 - WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.
 - MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED 1/4 ACRE PER 100 FEET OF FENCE.
 - SILT FENCE SHALL BE USED WHERE EROSION COULD OCCUR IN THE FORM OF SHEET EROSION.
 - SILT FENCE SHALL NOT BE USED WHEN A CONCENTRATION OF WATER IS FLOWING TO THE BARRIER.
 - TIEBACKS ARE ONLY NECESSARY WHEN REQUIRED BY THE ENGINEER OR NOTED IN THE PLANS.
 - MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUN-OFF TO A SILT FENCE ARE:
- | SLOPE STEEPNESS | MAXIMUM SLOPE LENGTH (FT) |
|-----------------|---------------------------|
| 2:1 | 25 |
| 3:1 | 50 |
| 4:1 | 75 |
| 5:1 OR FLATTER | 100 |

1 SILT FENCE DETAIL TCP-13
SCALE: NOT TO SCALE



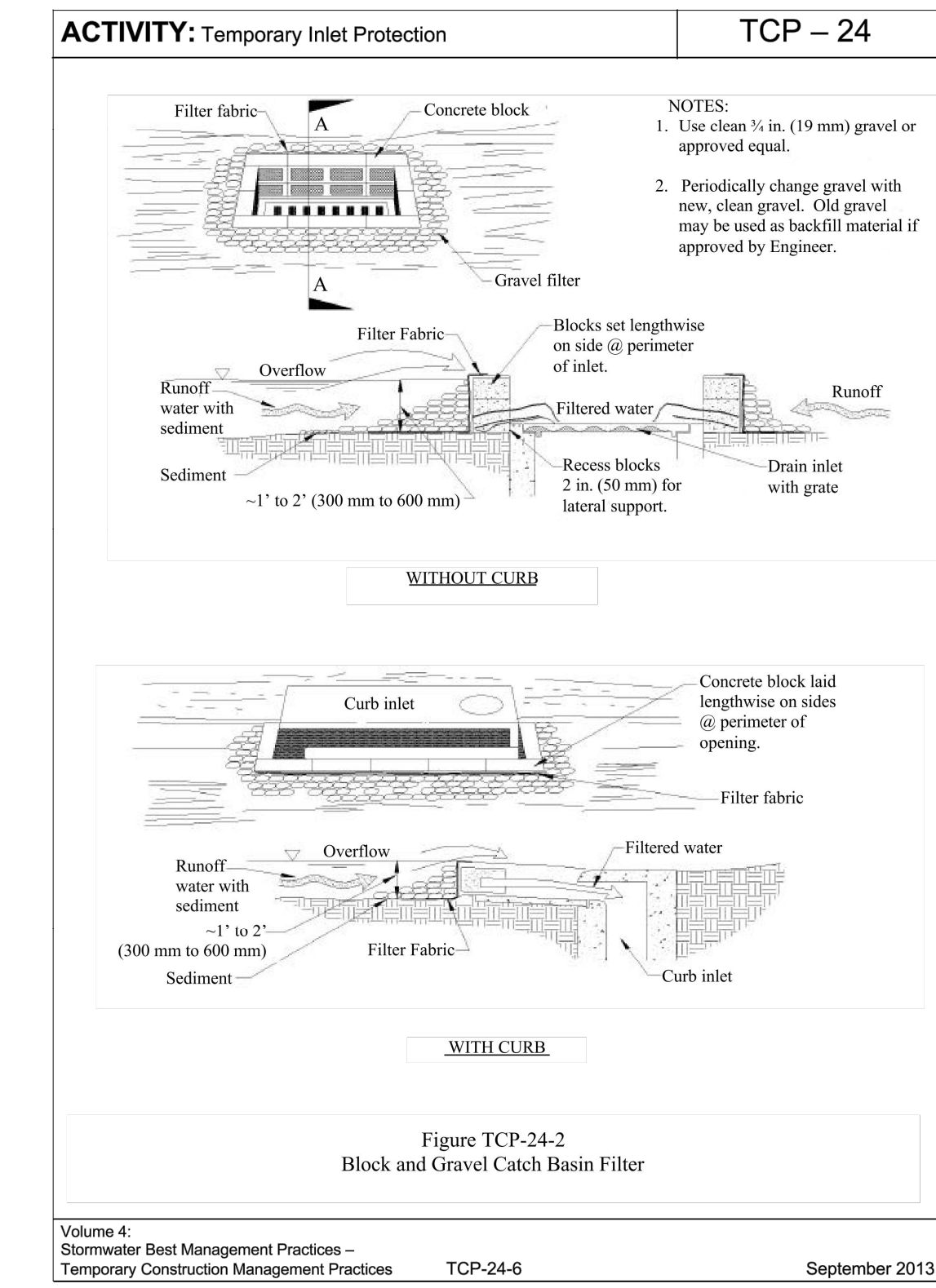
- CONSTRUCTION ENTRANCE SPECIFICATIONS:**
- TEMPORARY CONSTRUCTION ENTRANCES SHALL BE IN ACCORDANCE WITH MWS TCP-03.
 - STONE SIZE - USE 2" STONE (AASHTO #57 STONE), OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT UPON MWS APPROVAL.
 - THICKNESS - NOT LESS THAN EIGHT (8) INCHES.
 - WIDTH - 20 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY (20) FEET IF SINGLE ENTRANCE TO SITE.
 - LENGTH - 100' MINIMUM LENGTH WOULD APPLY.
 - GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
 - CONTRACTOR TO PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT FUELING IN ACCORDANCE WITH METRO CP-10 AND CP-13 RESPECTIVELY. CONTRACTOR TO COORDINATE EXACT LOCATION WITH NPDES DEPARTMENT DURING PRECONSTRUCTION MEETING. CONTROL OF OTHER SITE WASTES SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTES THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY IS ALSO REQUIRED BY THE GRADING PERMITTEE. LOCATION OF AND/OR NOTES REFERRING TO THESE BMP'S SHALL BE SHOWN ON THE EPSC PLAN.

2 STABILIZED CONSTRUCTION ENTRANCE DETAIL TCP-03
SCALE: NOT TO SCALE

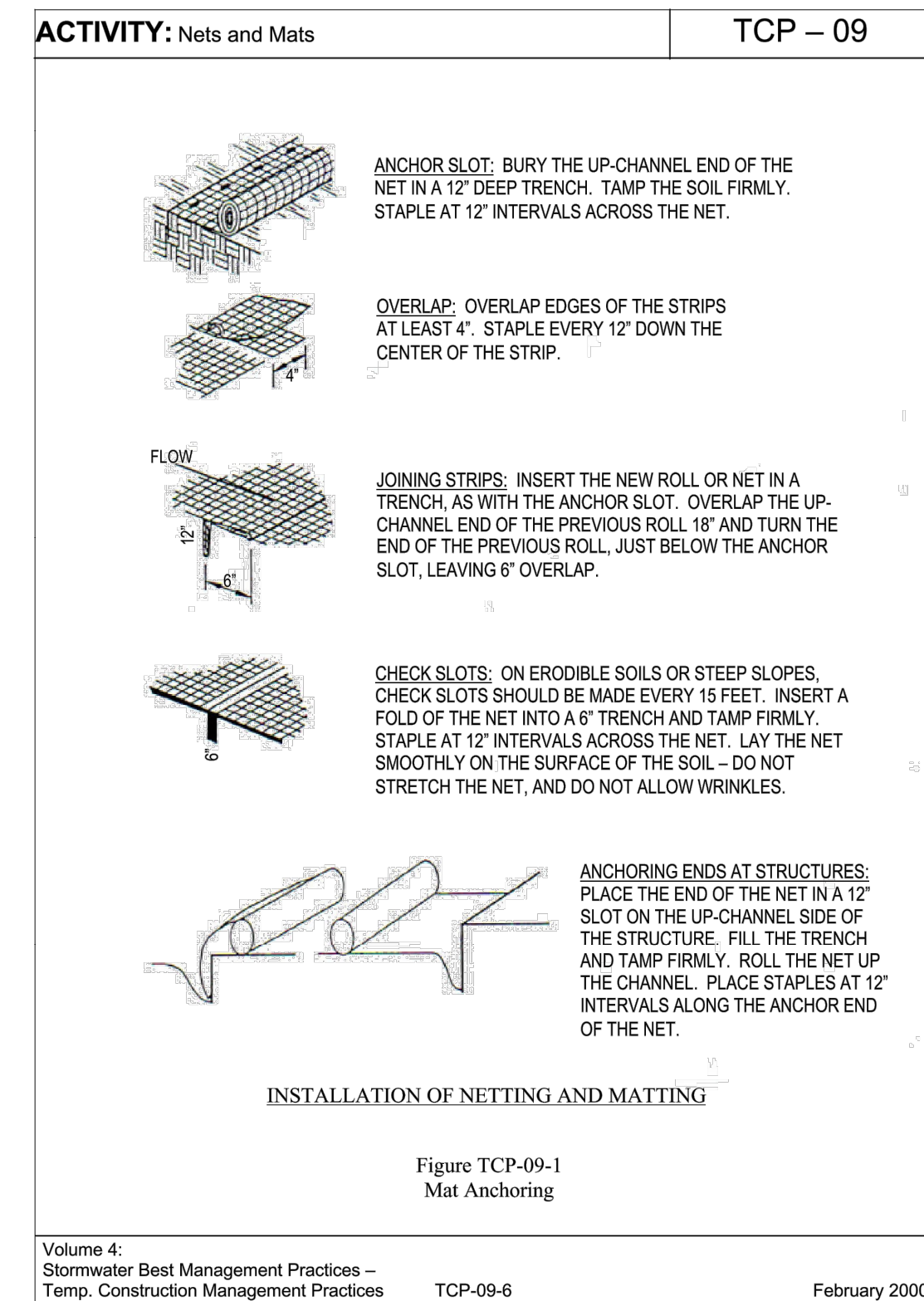


- NOTES:**
- ALL MATERIAL TO MEET SPECIFICATIONS.
 - FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
 - FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

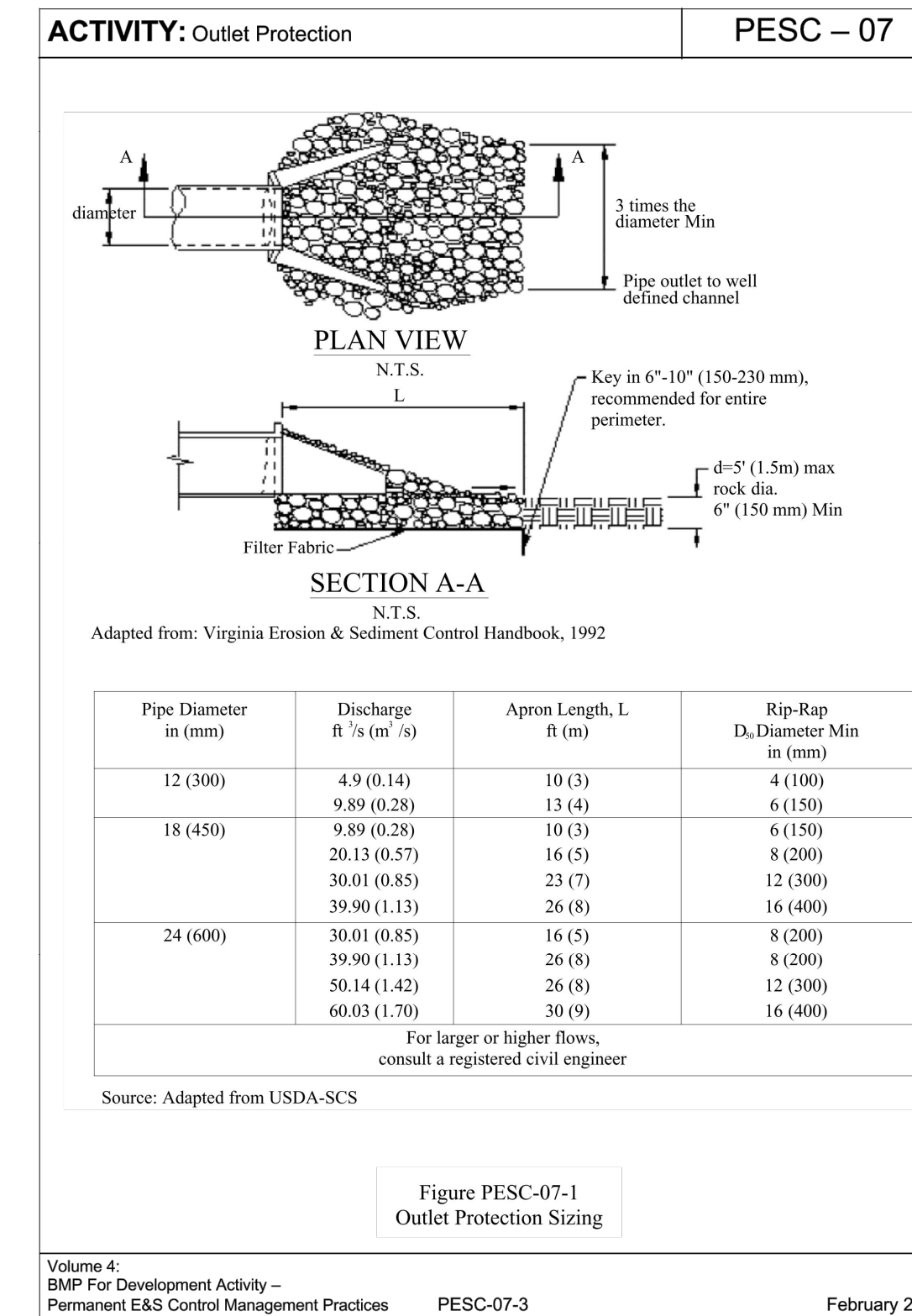
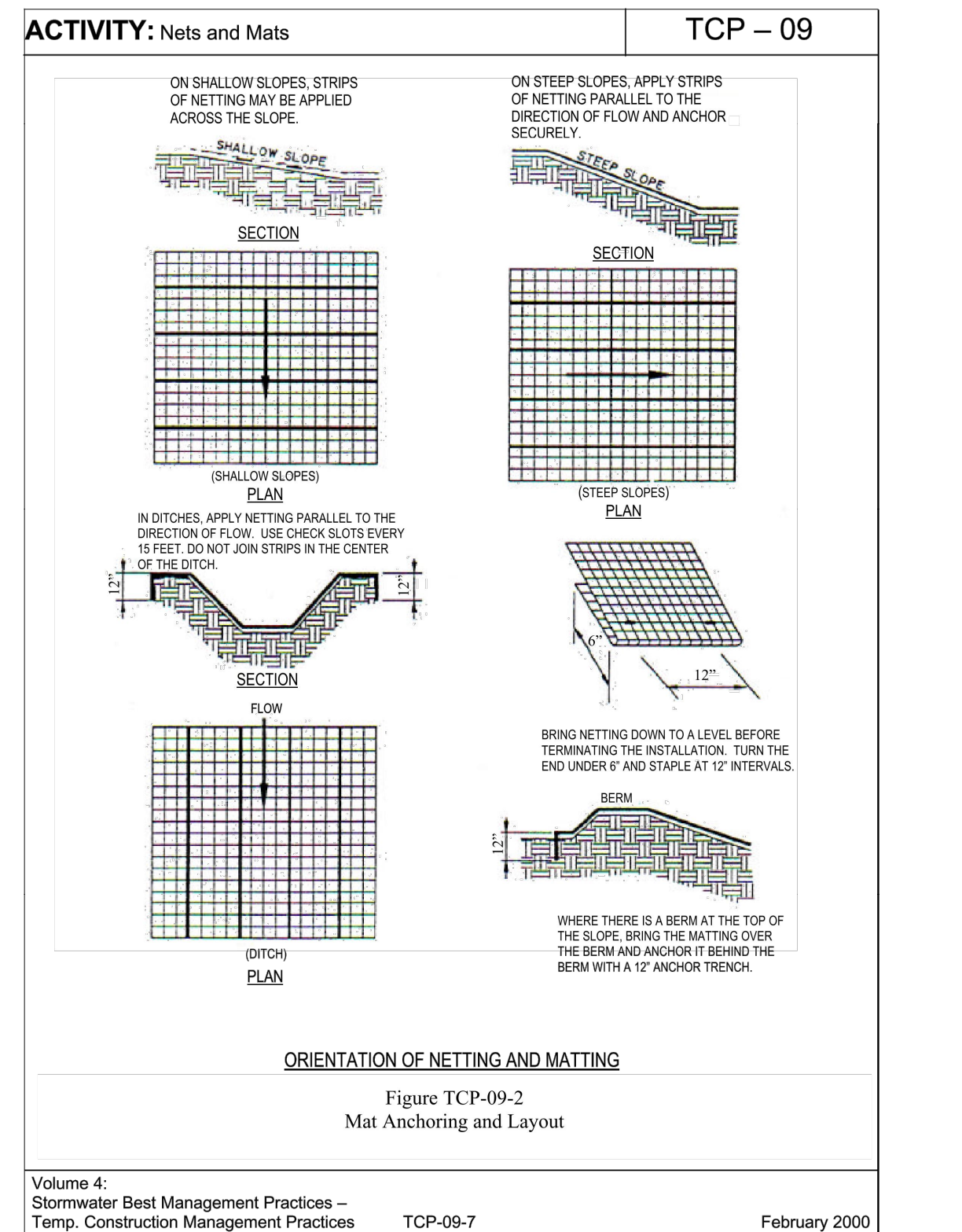
3 SILT SOCK DETAIL TCP-14
SCALE: NOT TO SCALE



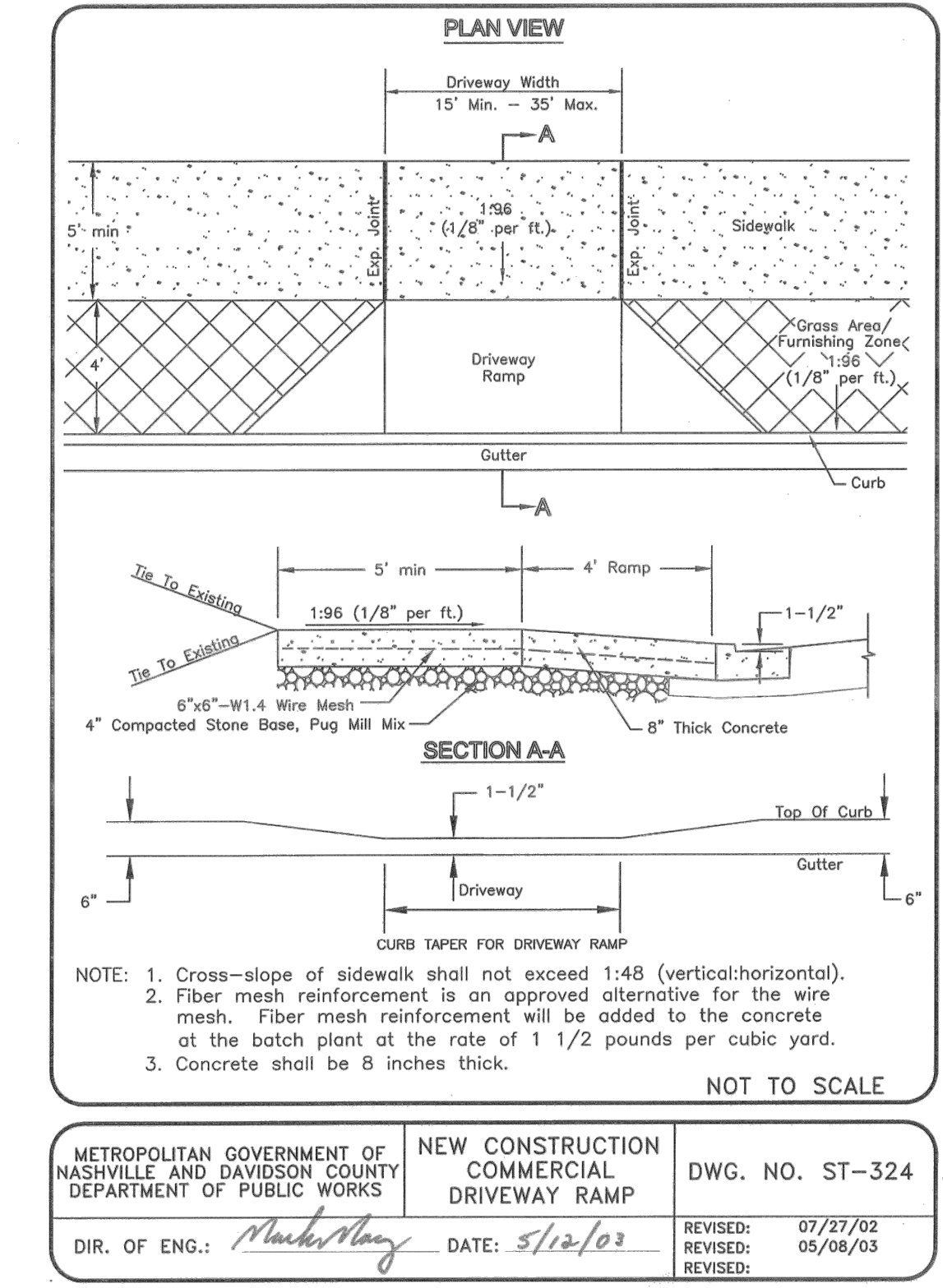
4 TEMPORARY INLET PROTECTION DETAIL TCP-24
SCALE: NOT TO SCALE



5 FINAL STABILIZATION - NETTING OR MATTING (TCP-09)
SCALE: NOT TO SCALE



6 OUTLET PROTECTION
SCALE: NOT TO SCALE



7 COMMERCIAL DRIVEWAY ENTRANCE
SCALE: NOT TO SCALE

DESCRIPTION OF REVISION

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DATE

12/16/19

FORSTONE CAPITAL
750 EAST MAIN STREET
STAMFORD, CT 06902

3040 SIDCO DRIVE

DETAILS



S+H ENGINEERING DESIGN CONSULTING
2606 EUGENIA AVENUE
NASHVILLE TN 37211 SUITE D
TEL: 615.645.1500

DATE: 01/23/20

SCALE: NTS

DRAWN BY: JSN

REVIEWED BY:

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