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Latest Revision: JANUARY 201



TRENCH DAM (ANTI-SEEP COLLAR) DETAIL
(NOT TO SCALE)

PROJECT NO.: AQB105
CAD DWG FILE: AQB105_100_0036

SUBMITTAL DATE: DECEMBER 2020
PLOT DATE: 12/9/2020



NOT TO SCALE



ELECTRICAL LINE TRENCH

NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



TYPICAL HYDRANT INSTALLATION

NOT TO SCALE

APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION ON _____ DATE _____
APPROVAL EXPIRES FIVE (5) YEARS FROM APPROVAL DATE

DATE _____

CHAIRMAN/SECRETARY

DATE _____

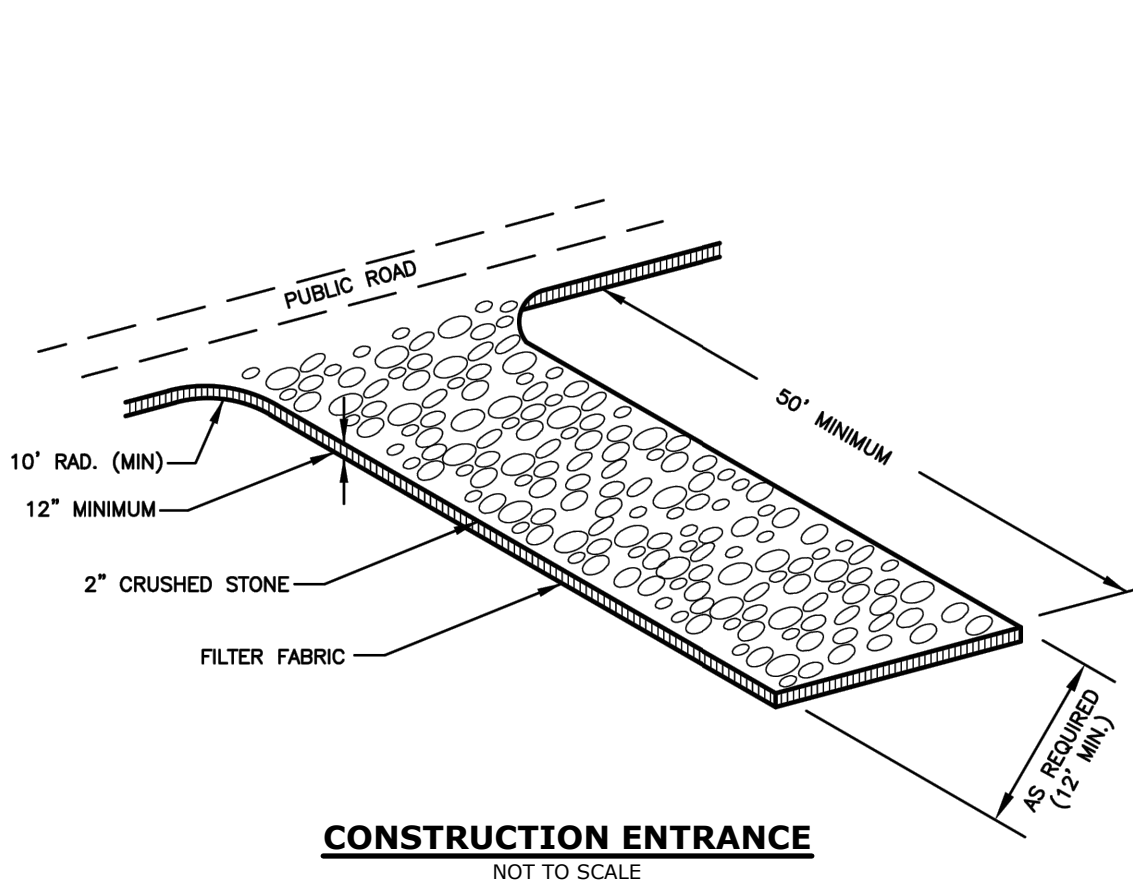
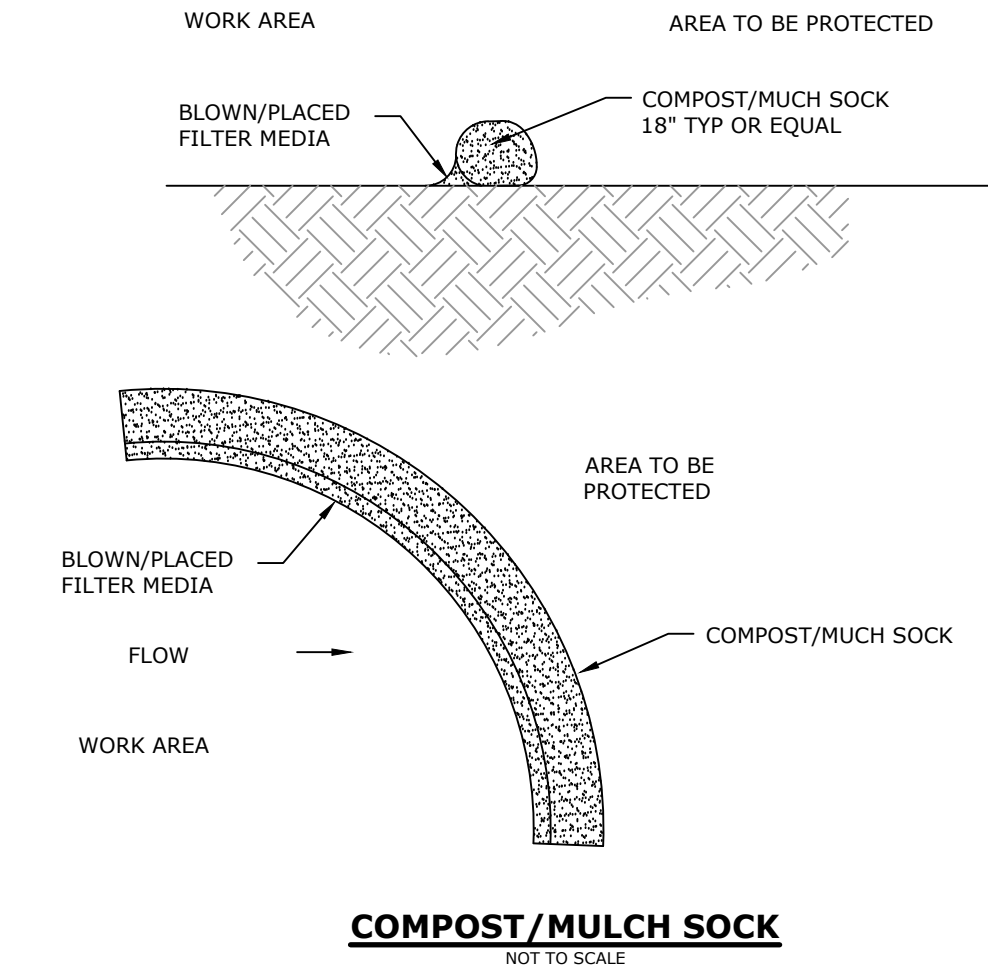
SHANTOK VILLAGE
1758 ROUTE 32, MONTVILLE, CT 06382
1758 RTE 32, LLC
PREPARED FOR:
24 MAIN STREET, CENTERBROOK, CT 06400

1750 KILBZ, LLC
24 MAIN STREET, CENTERBROOK, CT 06409

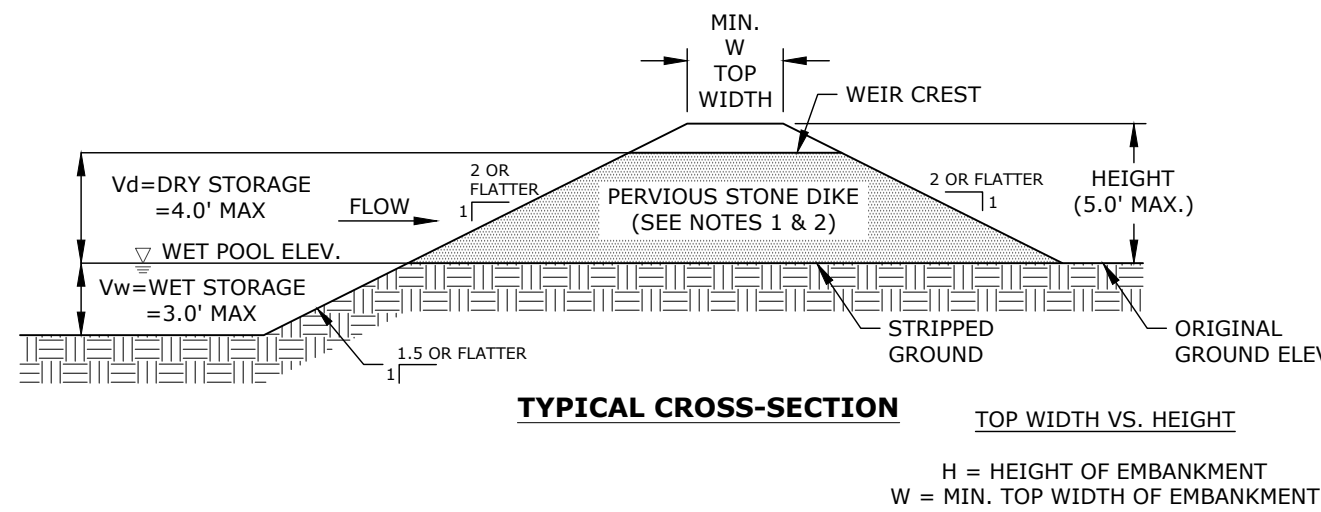
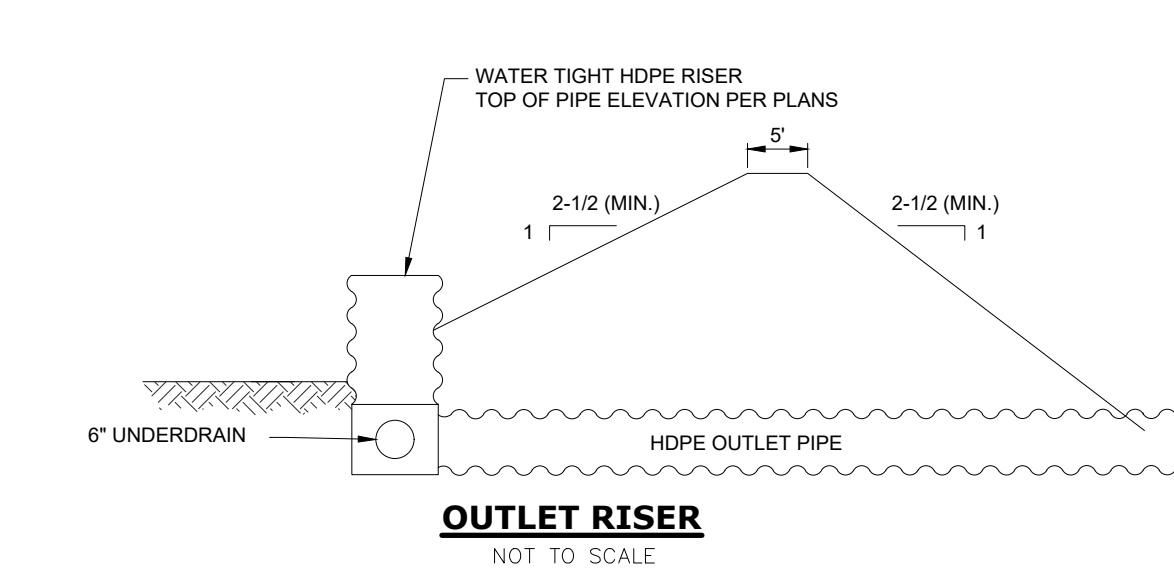
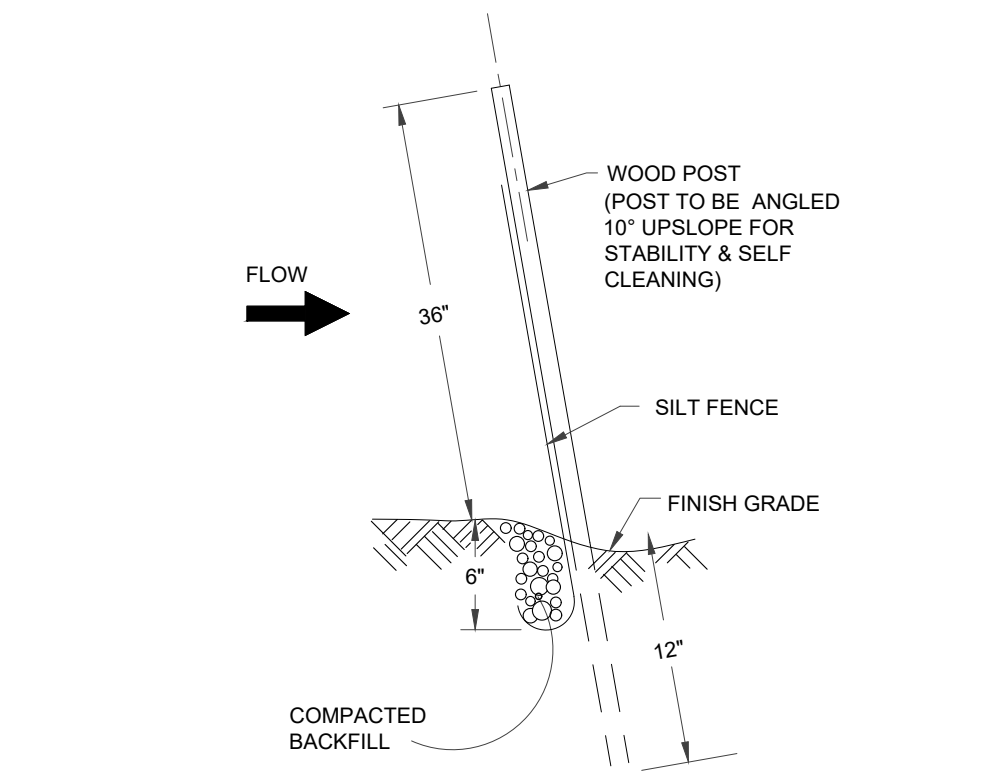
DRAWING
C-10

SHEET NO.	18	NO. OF SHEETS	19
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V:\CT\MONTVILLE\ROUTE 32-1758\1758 RTE 32 - ILLC - 0646404\DWG\SS\CT\DETAILS.DWG Date: 12/10/2024 1:31 PM by: ARNOLDY Printed: 12/10/2024 1:38 PM



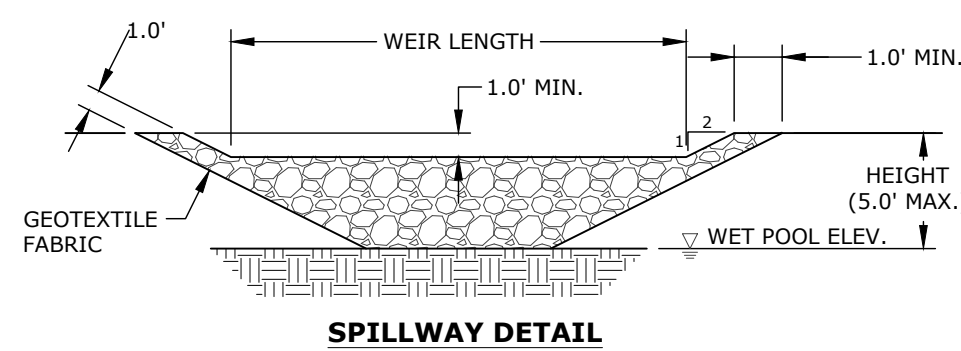
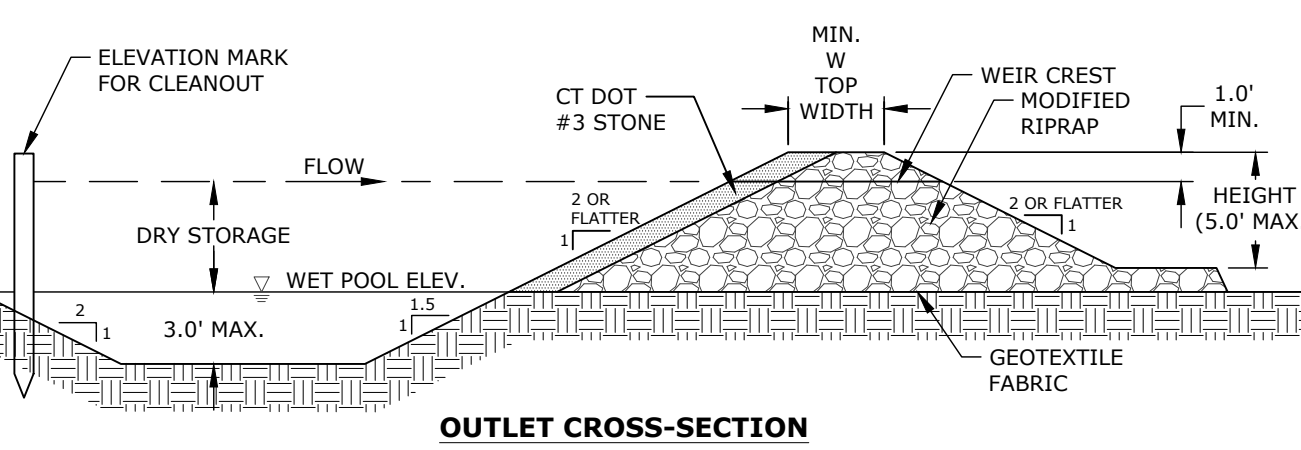
- CONSTRUCTION ENTRANCE NOTES:**
1. ALL CONSTRUCTION ENTRANCE ANTI-TRACKING PADS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH 2024 CT GUIDELINES FOR SOIL EROSION & SEDIMENT CONTROL, AS AMENDED.
 2. MAINTAIN CONSTRUCTION ENTRANCE IN GOOD CONDITION THROUGHOUT CONSTRUCTION PERIOD.
 3. ROADWAY SHALL BE SWEEP DAILY TO REMOVE ANY MATERIAL THAT MAY BE TRACKED ONTO THE PAVEMENT.



TOP WIDTH VS. HEIGHT

H (ft)	W (ft)
1.5	2.0
2.0	2.0
2.5	2.5
3.0	2.5
3.5	3.0
4.0	3.0
4.5	4.0
5.0	4.5

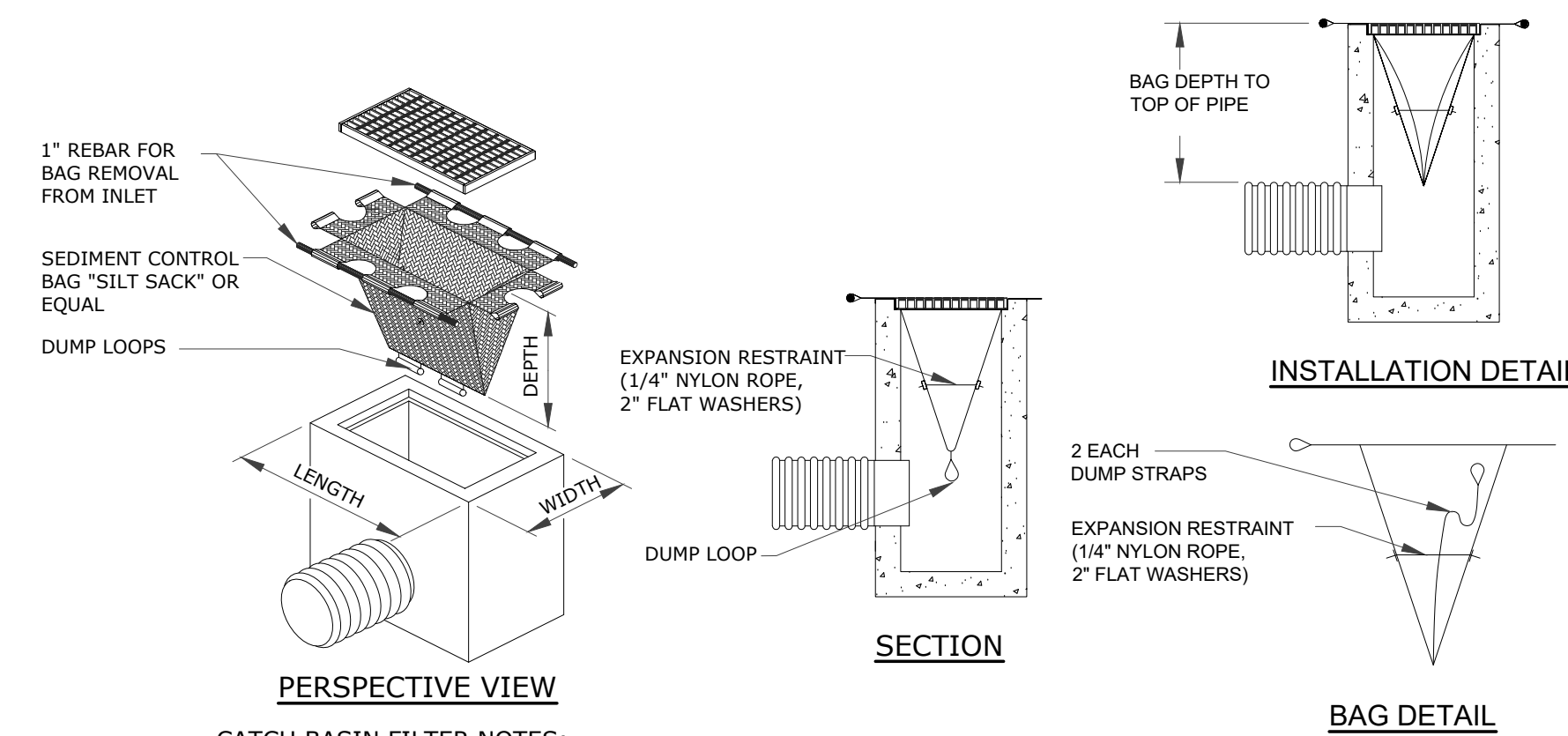
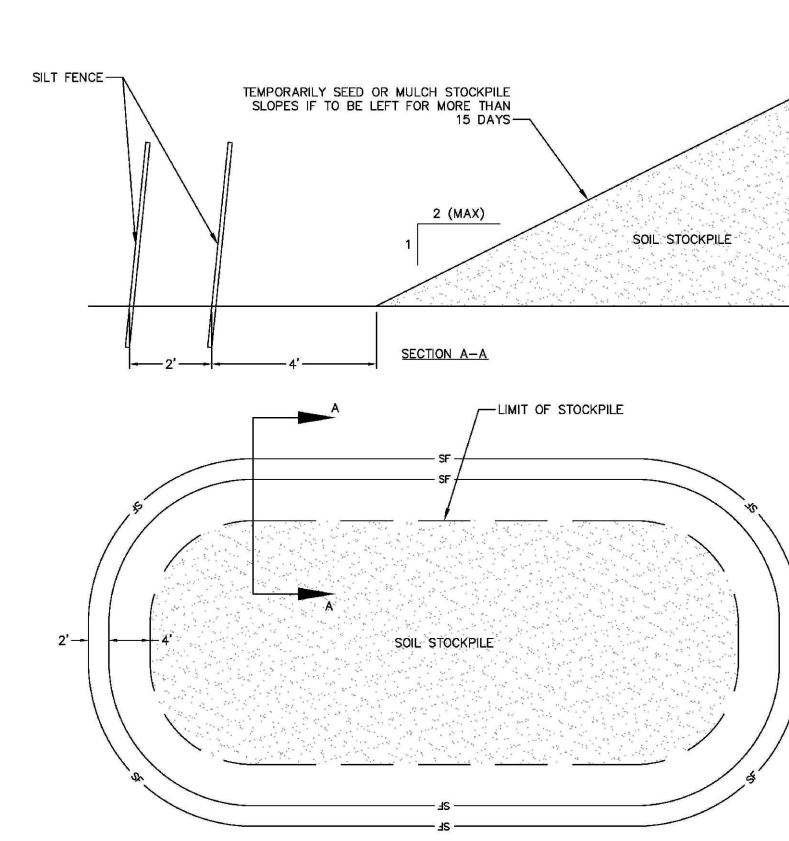
H = HEIGHT OF EMBANKMENT
W = MIN. TOP WIDTH OF EMBANKMENT



TEMPORARY SEDIMENT TRAP SHALL BE SIZED BASED ON A MINIMUM OF 134 CUBIC YARDS OF WATER STORAGE PER ACRE DRAINED, A MINIMUM WET STORAGE VOLUME EQUAL TO HALF OF THE TOTAL STORAGE VOLUME AND A MINIMUM DRY STORAGE VOLUME EQUAL TO HALF OF THE TOTAL STORAGE VOLUME.

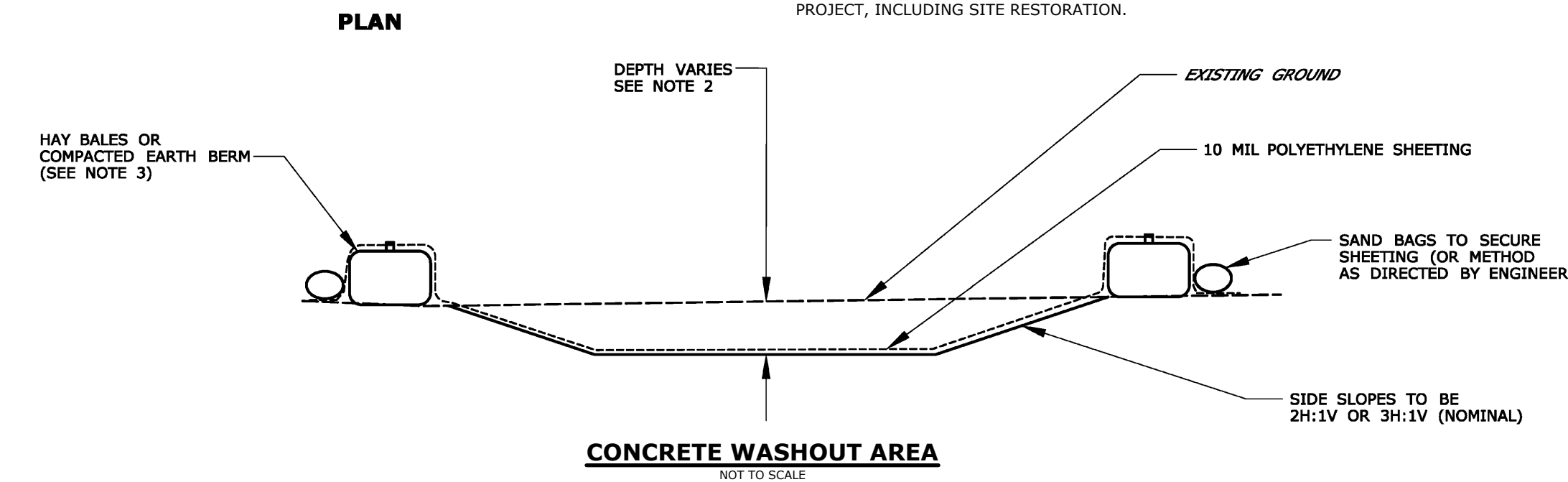
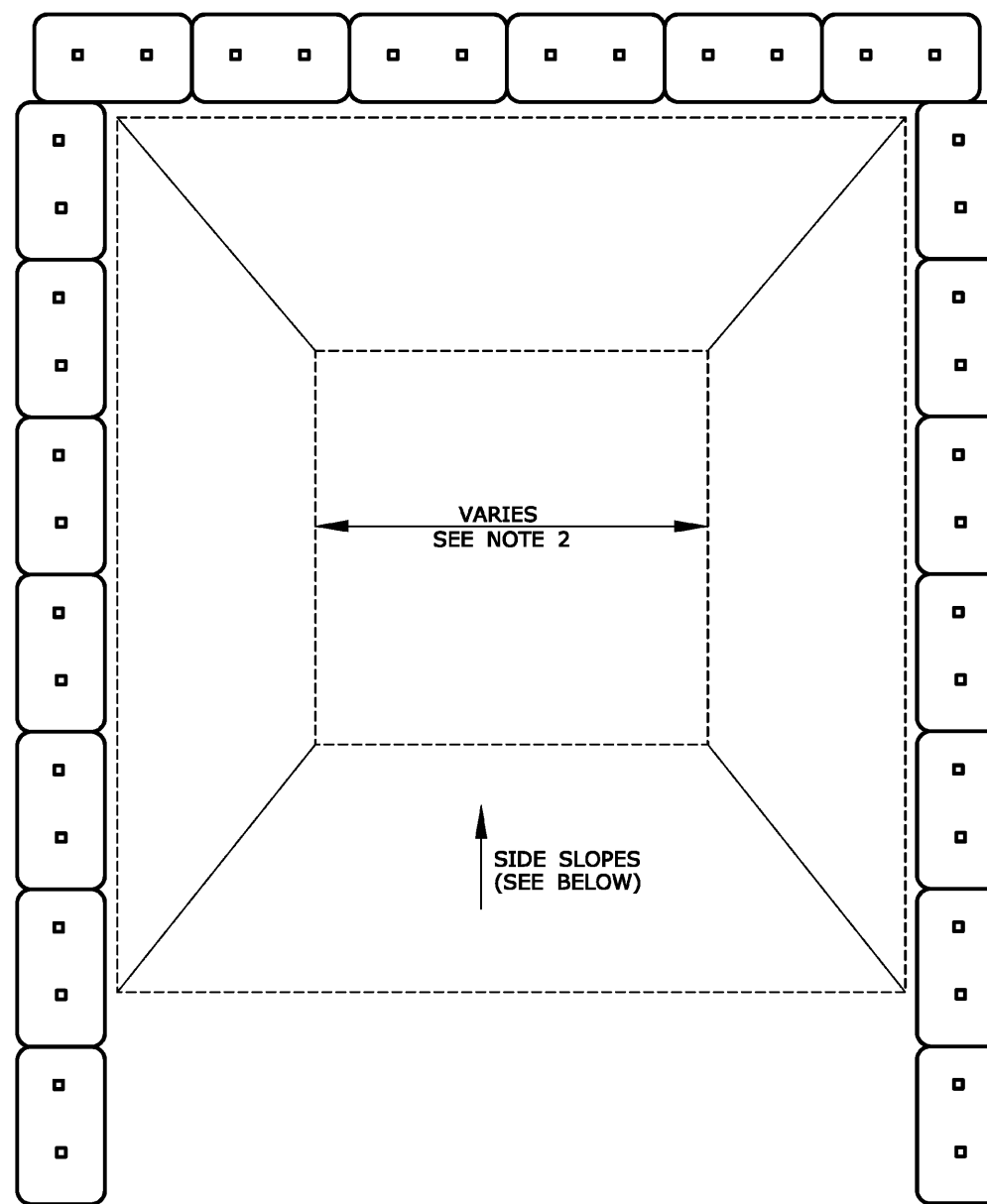
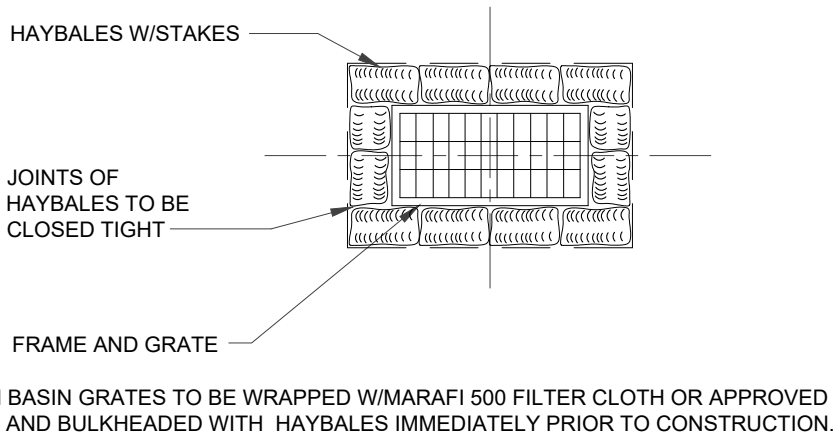
SEDIMENT BASIN/TRAP
NOT TO SCALE

SILT FENCE GEOTEXTILE FABRIC PROPERTIES		
PHYSICAL PROPERTY	MIN REQUIREMENT	TEST METHOD
FILTERING EFFICIENCY	75% MIN	ASTM 5141
GRAB TENSILE STRENGTH	100 LBS	ASTM D4632
ELONGATION AT FAILURE	15% MAX	ASTM D4632
MULLEN BURST STRENGTH	250 PSI	ASTM D3786
PUNCTURE STRENGTH (LB)	50 LBS	ASTM 4833
APPARENT OPENING SIZE	0.60 MM TO 0.90 MM	ASTM D4751
FLOW RATE (GAL/SF/MIN)	0.2 GAL/SF/MIN	ASTM D4491
PERMITTIVITY (MIN)	0.05 SEC -(MIN)	ASTM D4491
ULTRAVIOLET RADIATION STABILITY	70% AFTER 500 HOURS OF EXPOSURE	ASTM G-26



- CATCH BASIN FILTER NOTES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CORRECT SIZE DEVICE FOR EACH INLET. FOR NON-STANDARD CATCH BASINS AND INLETS, THE CONTRACTOR SHALL MEASURE DIMENSIONS IN THE FIELD AND ORDER THE APPROPRIATE SIZE(S).
 2. THE INLET SEDIMENT CONTROL DEVICE SHALL BE OF HIGH FLOW DESIGN (200 GAL/MIN/FT), AS PER THE MANUFACTURER'S SPECS.
 3. THE SEDIMENT CONTROL DEVICE SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND CLEANED AND MAINTAINED A MINIMUM ONCE PER MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT. THE FILTER SHALL BE REPLACED OR CLEANED WHEN THE BAG BECOMES HALF FULL. THE FILTER SHALL BE CLEANED IN A MANNER WHICH ENSURES THAT ALL SEDIMENT REMAINS ON SITE.
 4. SUBSTITUTION OF A SHEET OF FILTER FABRIC PLACED OVER THE OPENING OF THE INLET IS NOT APPROVED.
 5. RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS, SIZE OF FILTER INLET SACK TO BE DETERMINED BY MANUFACTURER.
 6. THE FILTER DEVICE SHALL BE MANUFACTURED BY ACF ENVIRONMENTAL OR APPROVED EQUAL.

INLET PROTECTION, SILT SACK
NOT TO SCALE



NOTES:
REFER TO SHEET 2 NOTES, LEGEND, AND ABBREVIATIONS FOR EROSION & SEDIMENTATION CONTROL NARRATIVE.

APPROVED BY THE MONTVILLE PLANNING AND ZONING COMMISSION ON APPROVAL EXPIRES FIVE (5) YEARS FROM APPROVAL DATE
CHAIRMAN/SECRETARY
DATE

SOIL EROSION AND SEDIMENT CONTROL DETAILS

SCALE AS NOTED 064MC4.01		DRAWN BY ESF	DATE 10/29/2024	APPROVED BY GFA	DATE 10/29/2024
SHANTOK VILLAGE 1758 ROUTE 32, MONTVILLE, CT 06382 1758 RTE 32, LLC 24 MAIN STREET, CENTERBROOK, CT 06409		DRAWING C-17		NO. OF SHEETS 19	
STAMP SEAL OF THE STATE OF CONNECTICUT OFFICE OF THE REGISTERED PROFESSIONAL ENGINEER No. 10681 J. LOUREIRO, P.E.		REVISIONS		DESCRIPTION OF REVISION	
		3	PER REVIEW COMMENT LETTER	12/10/2024	GFA
		2	PER REVIEW COMMENT LETTERS	12/02/2024	GFA
		1	PER STAFF TECHNICAL REVIEW COMMENTS	11/12/2024	GFA
		REV.		DATE	APPR.