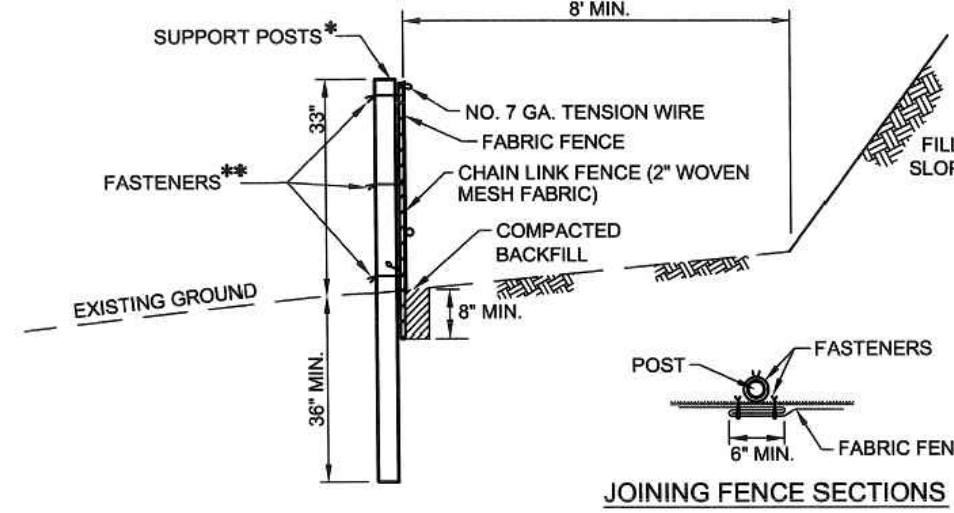


Diagram illustrating the installation of a silt fence. A wood post is angled 10° up-slope for stability and self-cleaning. The post is 36" high. The spacing between posts is 8". The backfill is compacted and 12" high. The diagram also shows the flow direction (FLOW) and the finish grade.

SILT FENCE, STANDARD
NOT TO SCALE



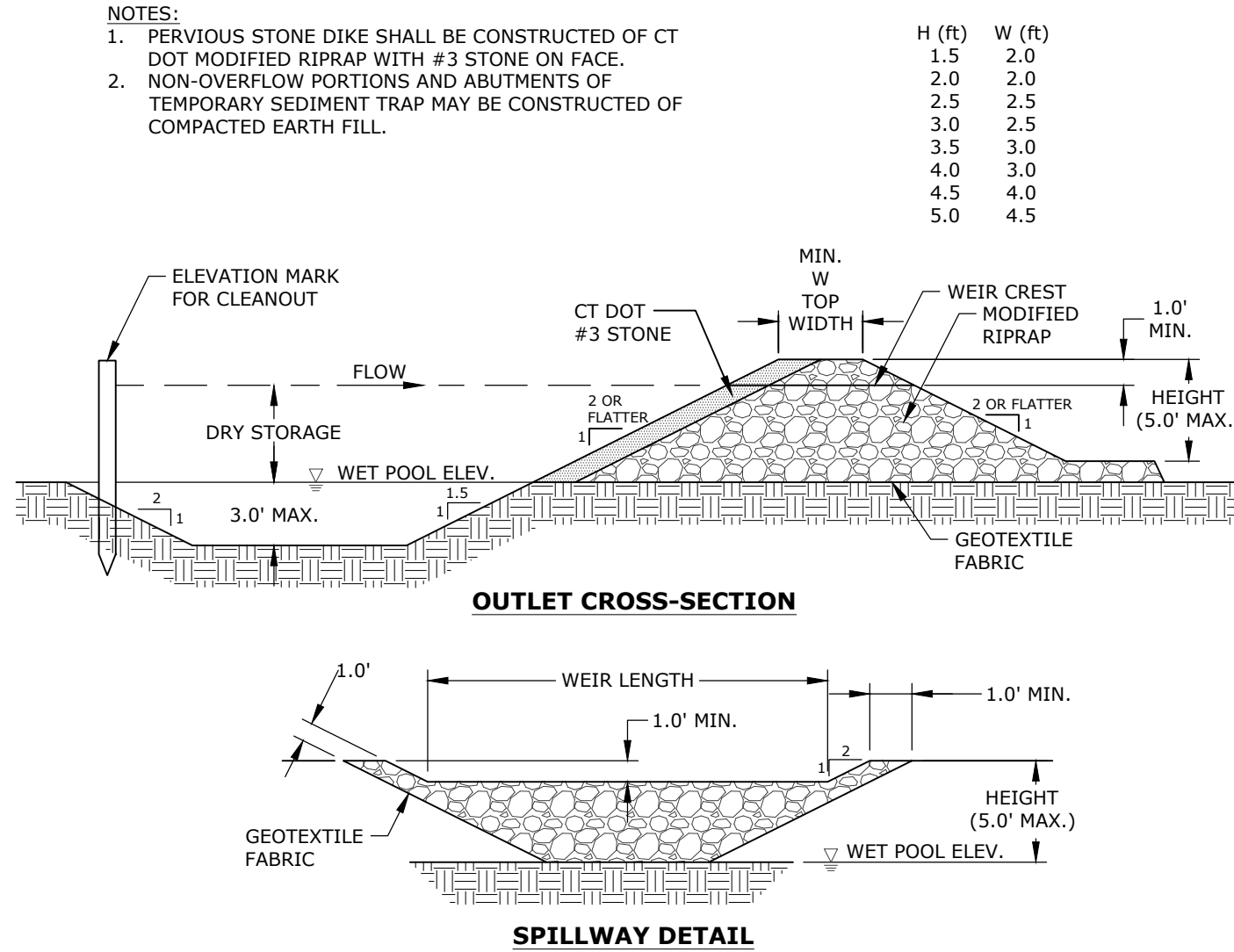
SILT FENCE, CHAIN LINK REINFORCED
NOT TO SCALE

[illegible]

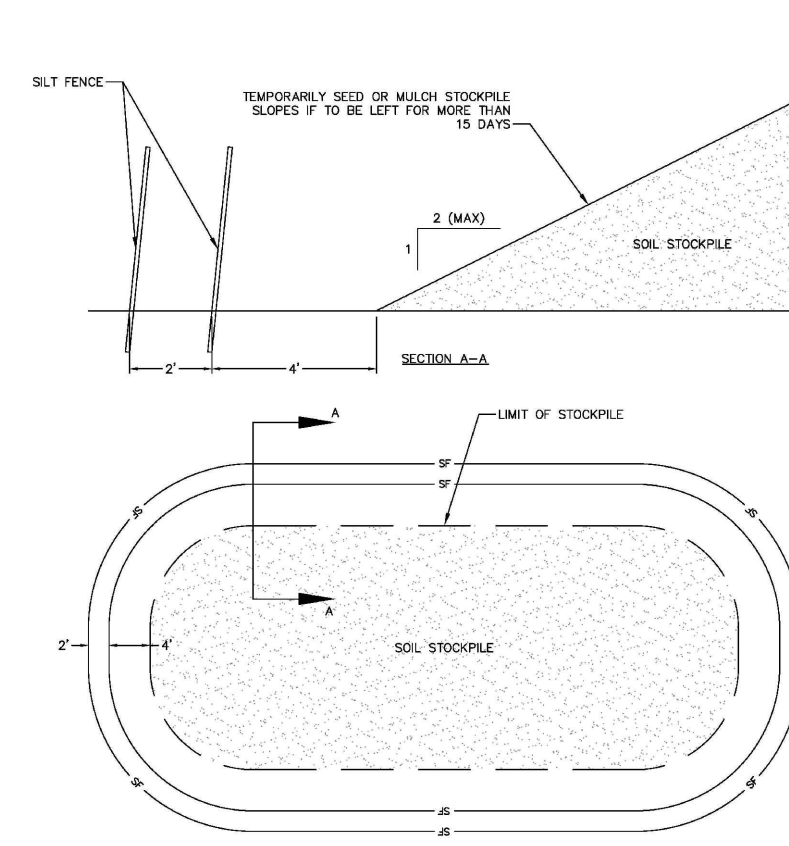
TYPICAL CROSS-SECTION

TOP WIDTH VS. HEIGHT

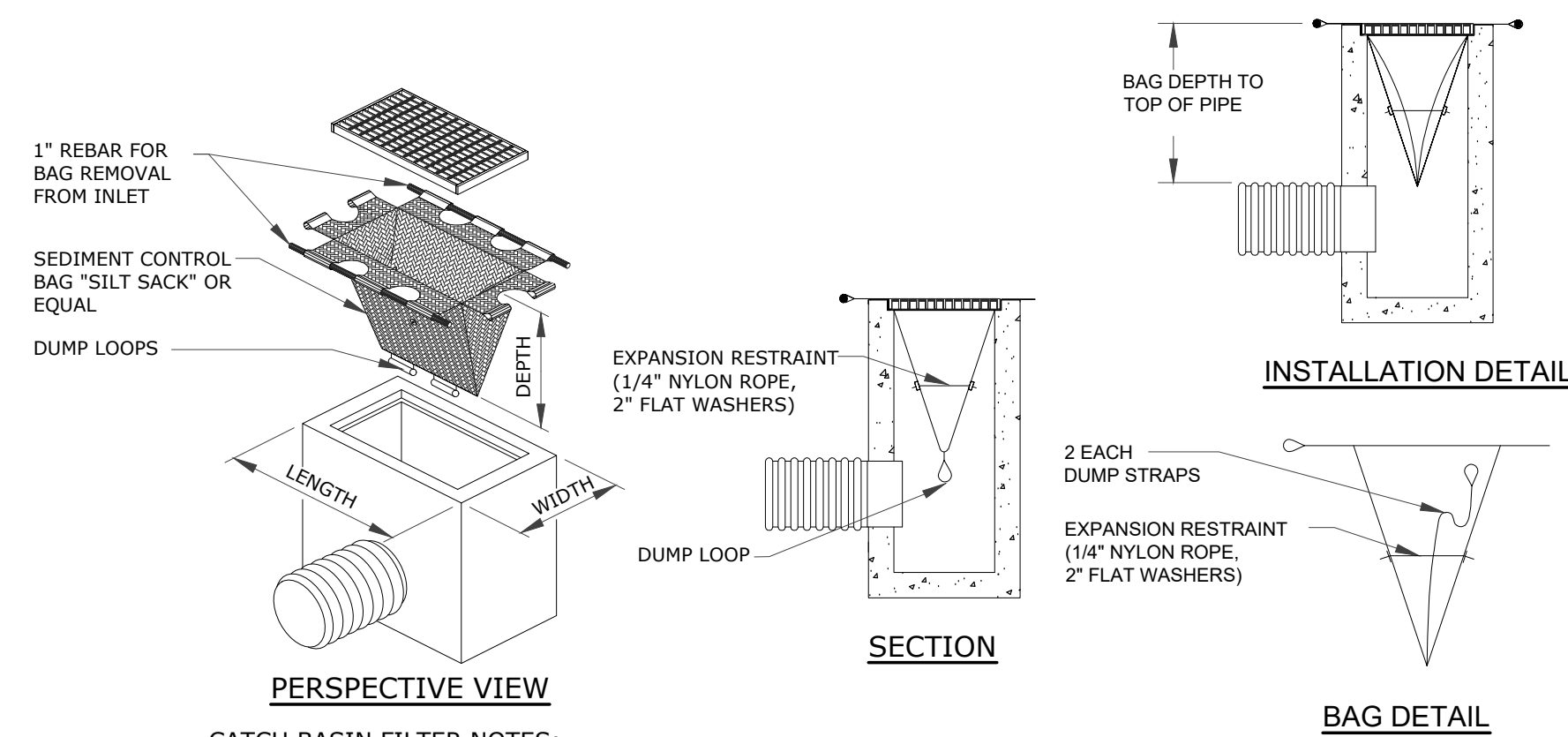
H = HEIGHT OF EMBANKMENT
W = MIN. TOP WIDTH OF EMBANKMENT



SEDIMENT BASIN/TRAP
NOT TO SCALE



TEMPORARY SOIL STOCKPILE
NOT TO SCALE

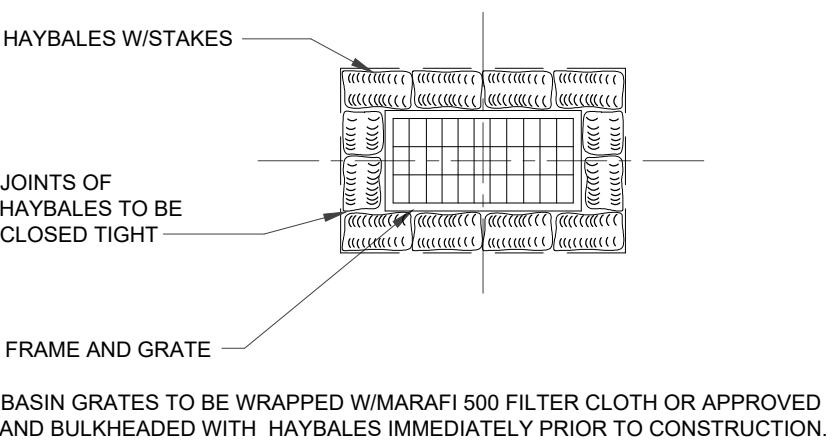


CATCH BASIN FILTER NOTES:

CATCH BASIN FILTER NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CORRECT SIZE DEVICE FOR EACH INLET. FOR STANDARD 18" DIA. CATCH BASIN 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 RECOMMENDATIONS.
3. THE SEDIMENT CONTROL DEVICE SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND CLEANED AND MAINTAINED A MINIMUM ONE 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 REPLACED WITH A NEW BAG THAT PROVIDES THE SAME REMOVAL EFFICIENCY.
4. SUBSTITUTION OF A SHEET OF FILTER FABRIC PLACED OVER THE OPENING OF THE INLET IS NOT APPROVED. RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACS, SIZE OF BAGS MUST BE 18" DIA. BY 48" LONG.
5. THE FILTER DEVICE SHALL BE MANUFACTURED BY ACF ENVIRONMENTAL OR APPROVED EQUAL.

INLET PROTECTION, SILT SACK
NOT TO SCALE

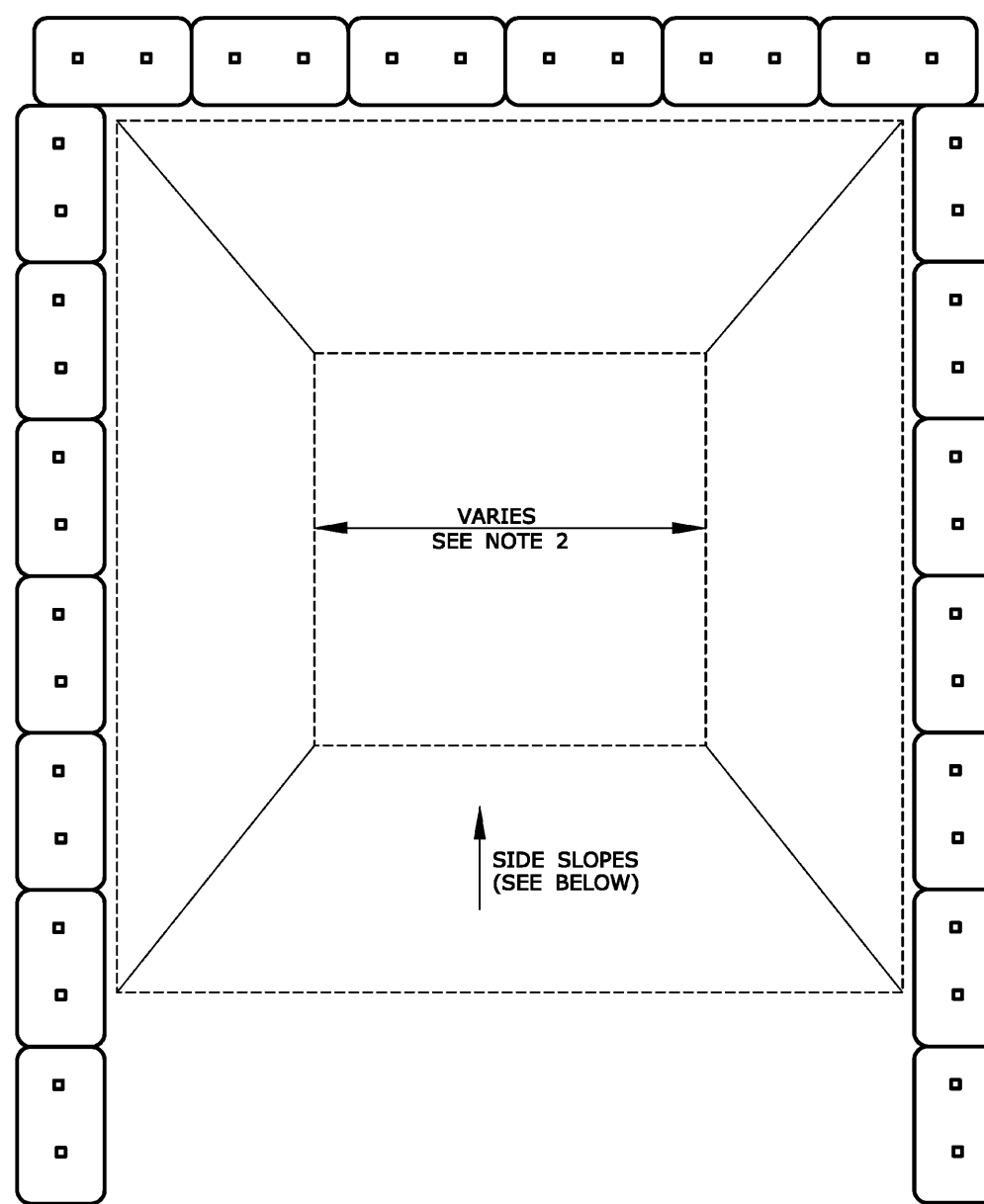


INLET PROTECTION, HAY BALE BARRIER
NOT TO SCALE

INLET PROTECTION, HAY BALE BARRIER

INLET PROTECTION, HAY BALE BARRIER

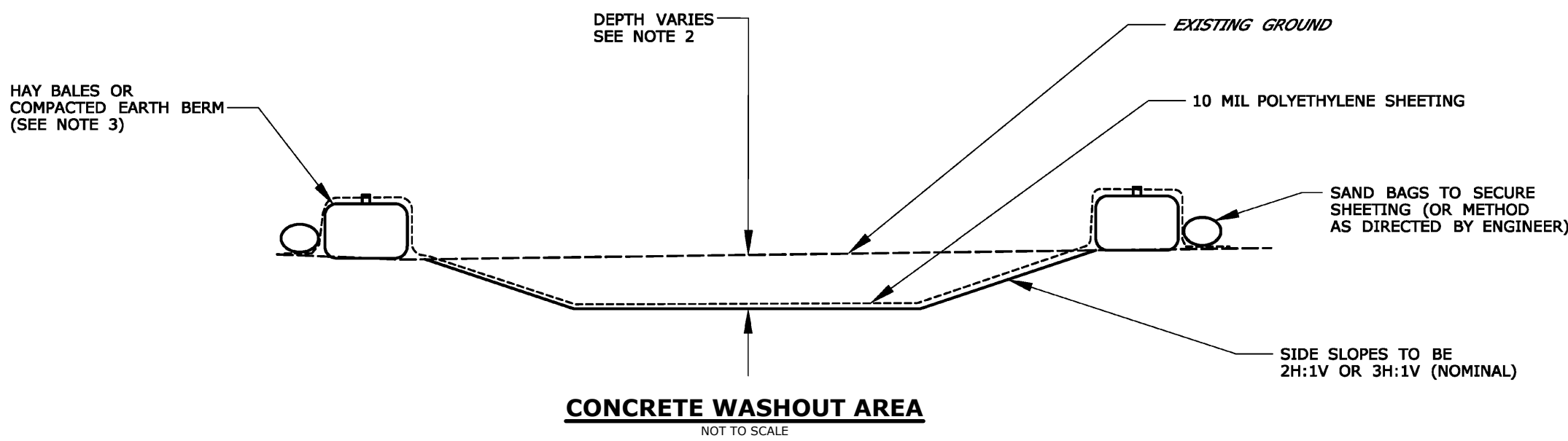
INLET PROTECTION, HAY BALE BARRIER



CONCRETE WASHOUT AREA NOTES:

1. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT IN SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF-CONTAINED.
2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROPOSED EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER.
3. LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM, WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY "PLAN" ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN.
4. SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, SURFACE DISCHARGE ASSOCIATED WITH THE MIXING AND WORTER.
5. SAFETY: THE WASHOUT IS UNACCEPTABLE, THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.
6. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND AT THE WASHOUT AREA(S) AS REQUIRED TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREAS SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.
7. MAINTENANCE: WASHOUT AREAS SHOULD BE MAINTAINED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY AND ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.
8. WASTE: CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S DEPTH. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF AT ANOTHER CONCRETE WASHOUT OR AT AN APPROVED LANDFILL, HAW, AND GUIDELINES.
9. PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.

PLAN



CONCRETE WASHOUT AREA
NOT TO SCALE

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

SILT FENCE GEOTEXTILE FABRIC PROPERTIES		
PHYSICAL PROPERTY	MIN REQUIREMENT	TEST METHOD
FILTERING EFFICIENCY	75% MIN	ASTM 5141
GRAB TENSILE STRENGTH	100 LBS	ASTM D4832
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

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

CHAIRMAN/SECRETARY DATE _____

SOIL EROSION AND SEDIMENT CONTROL DETAILS

SHANTOK VILLAGE
1758 ROUTE 32, MONTVILLE, CT 06382
PREPARED FOR:
1758 RTE 32, LLC
24 MAIN STREET, CENTERBROOK, CT 06409

DRAWING

C-17

SHEET NO.	19	NO. OF SHEETS	19
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