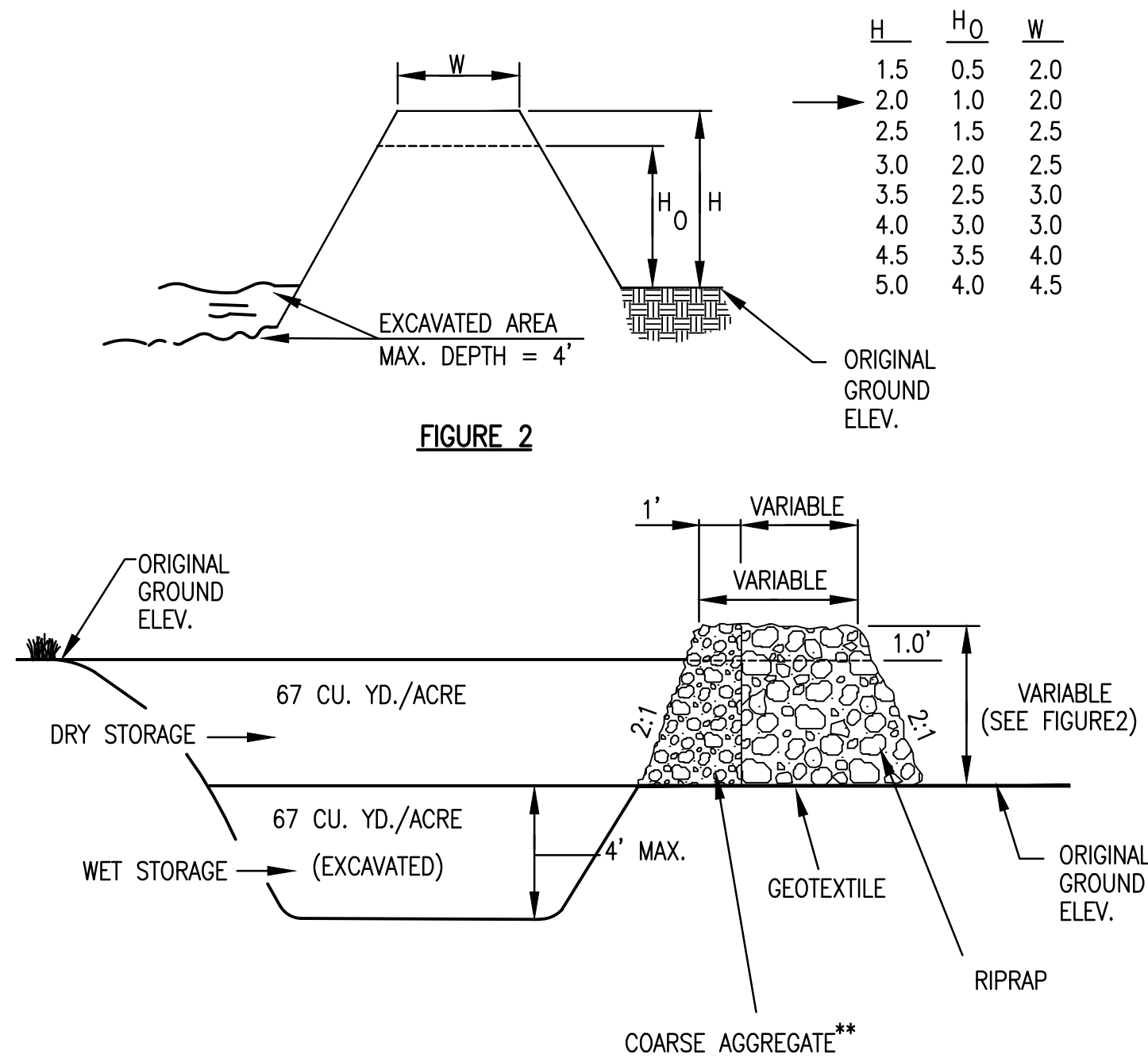
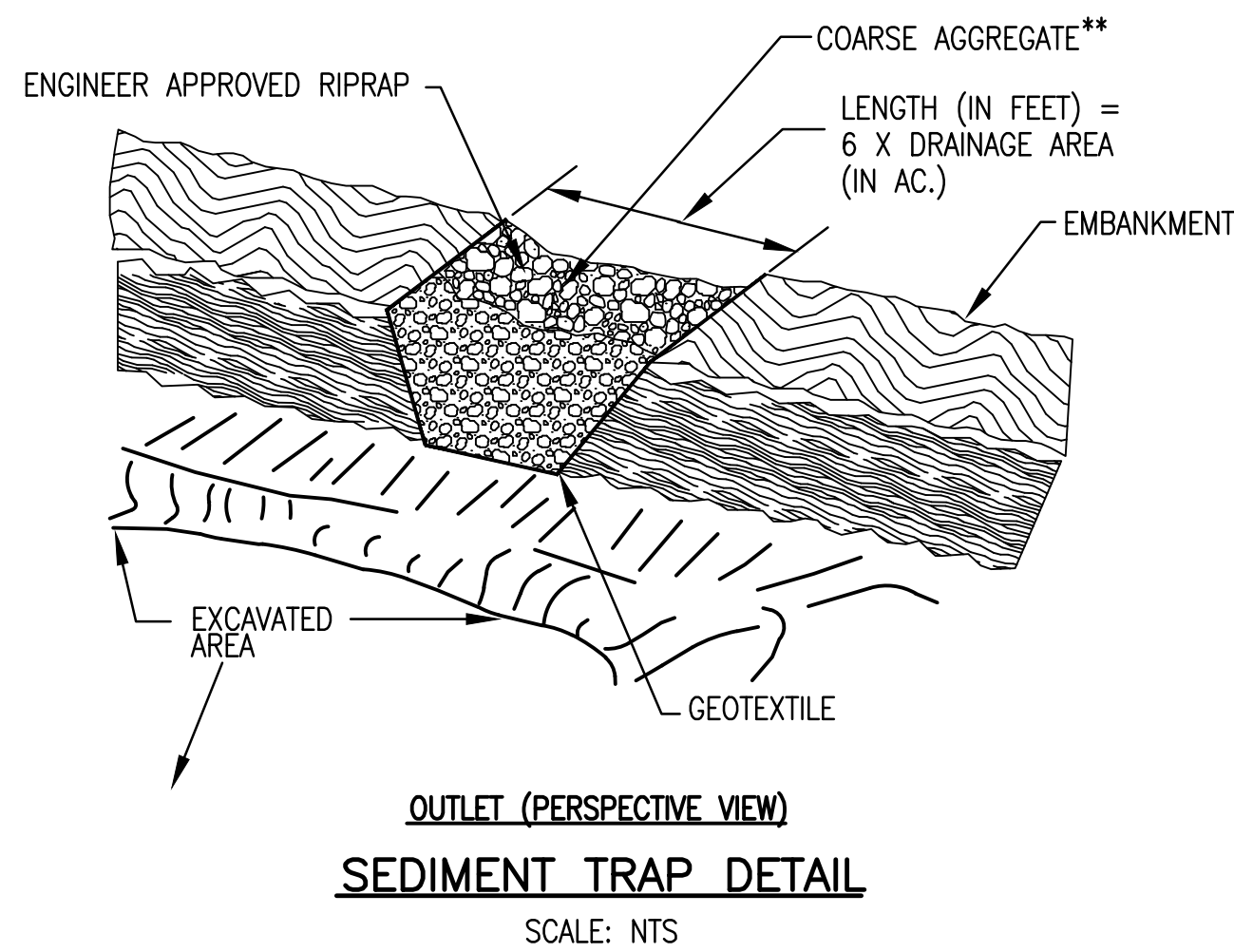


MINIMUM TOP WIDTH (W) REQUIRED FOR SEDIMENT TRAP EMBANKMENTS ACCORDING TO HEIGHT OF EMBANKMENT (FEET)

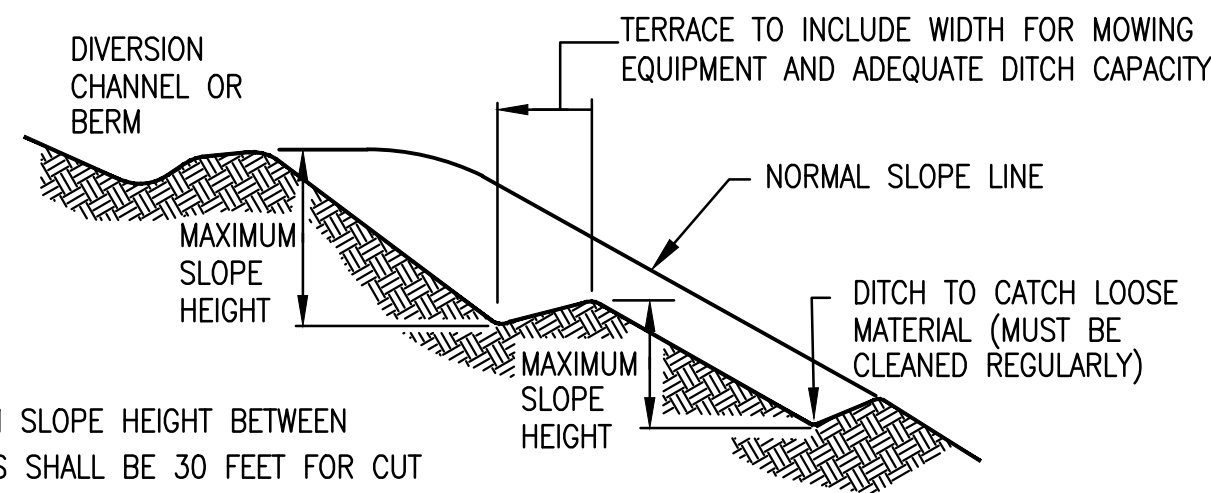


**COARSE AGGREGATE SHOULD BE ENGINEER APPROVED

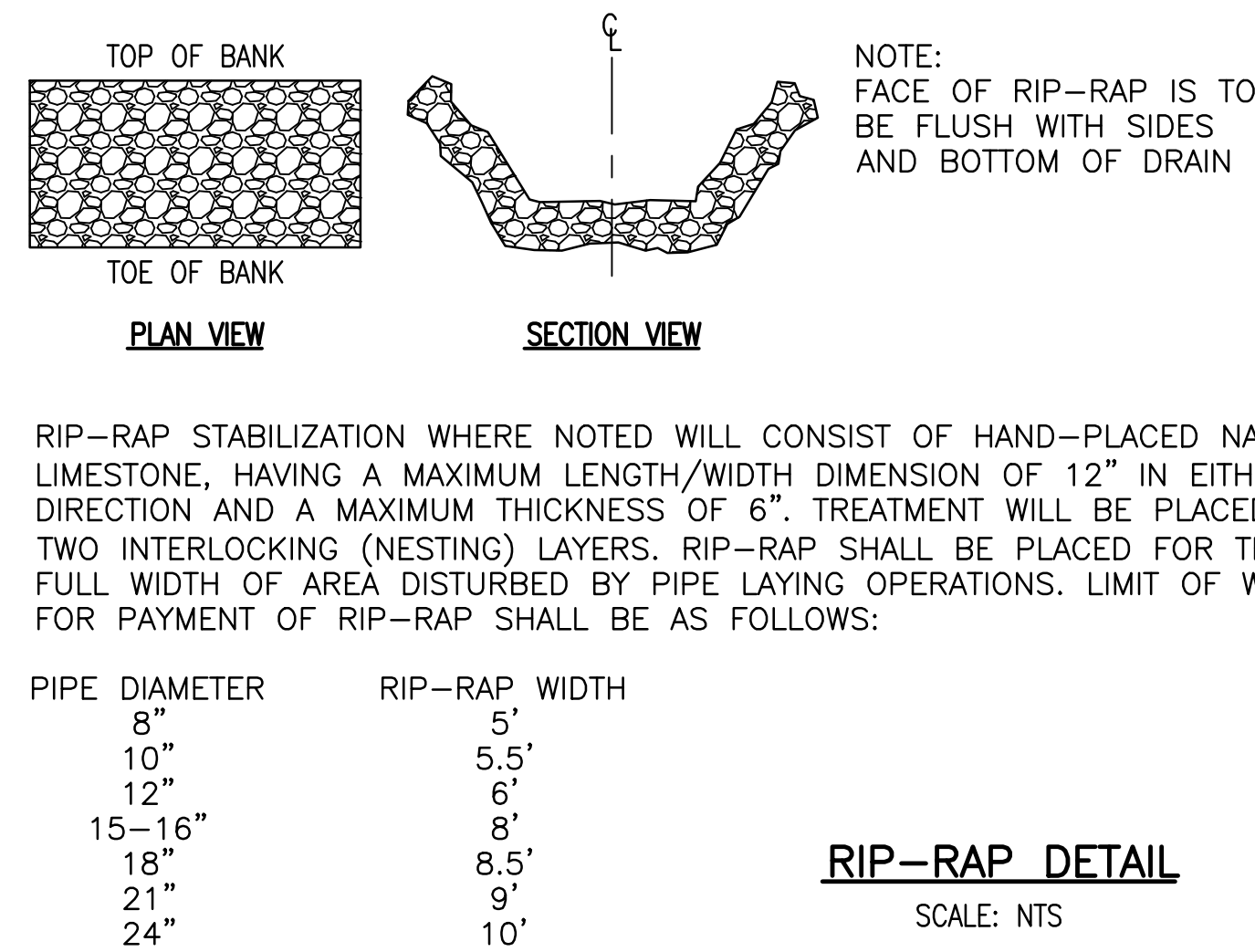
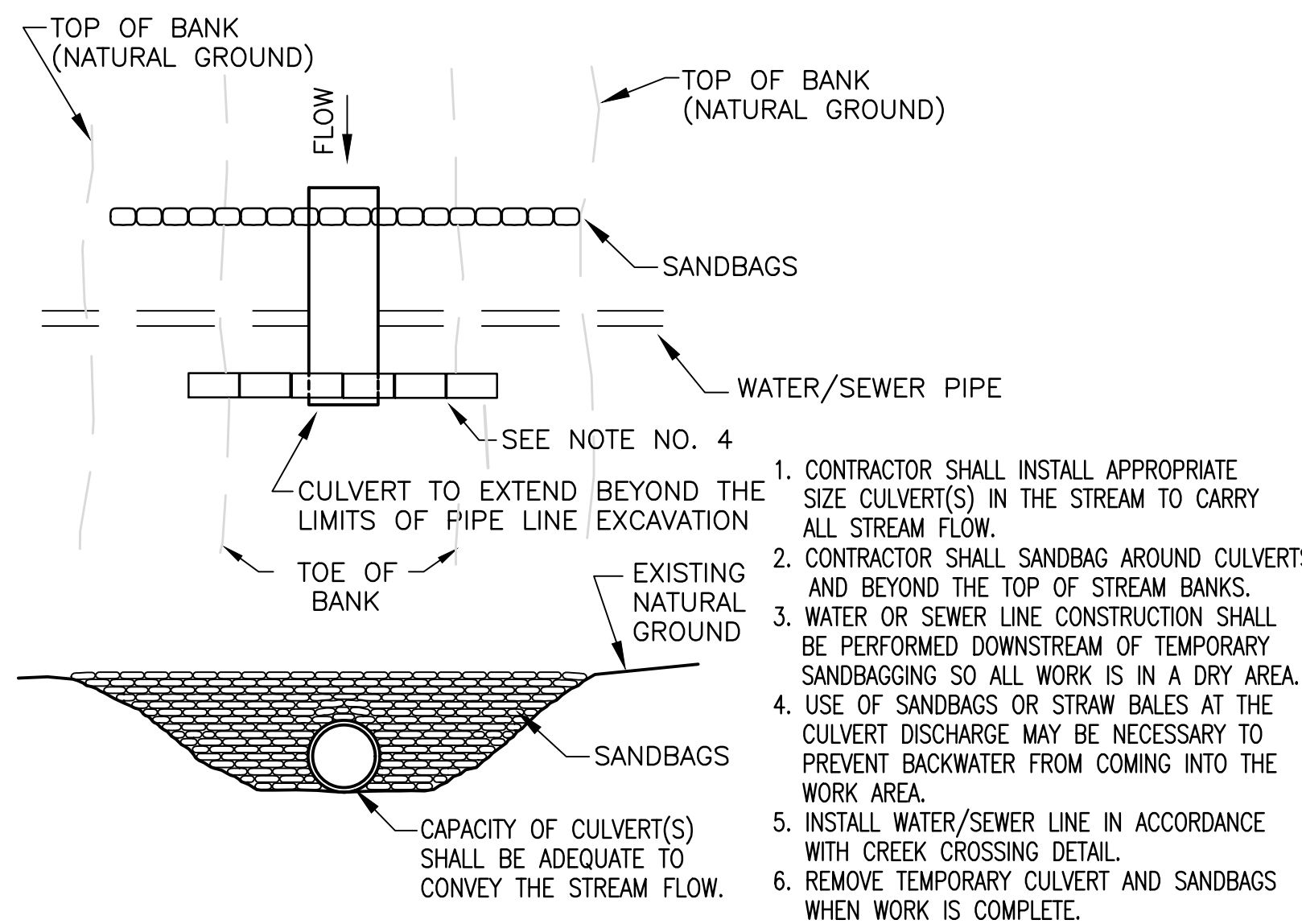
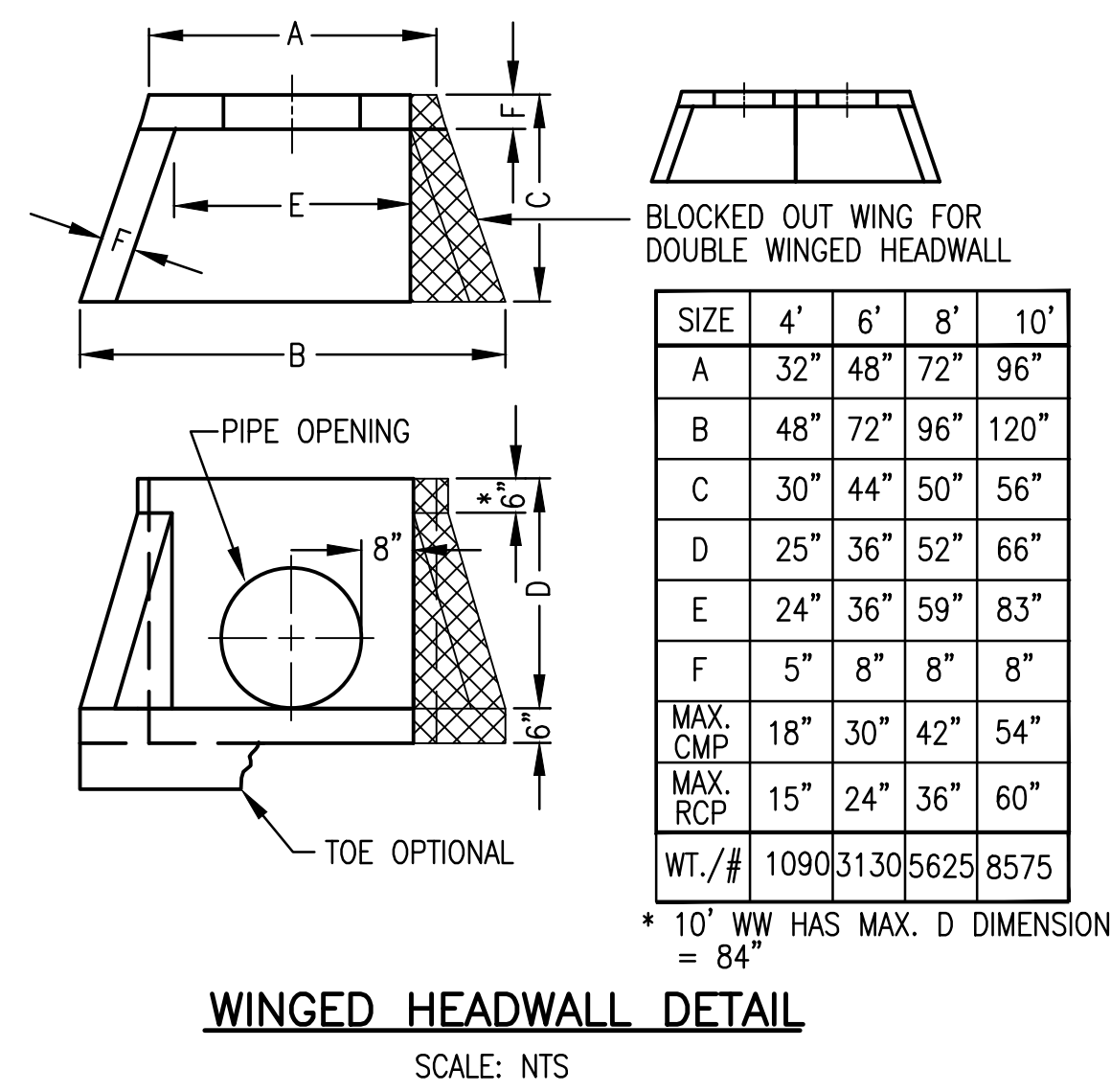


NOTES:

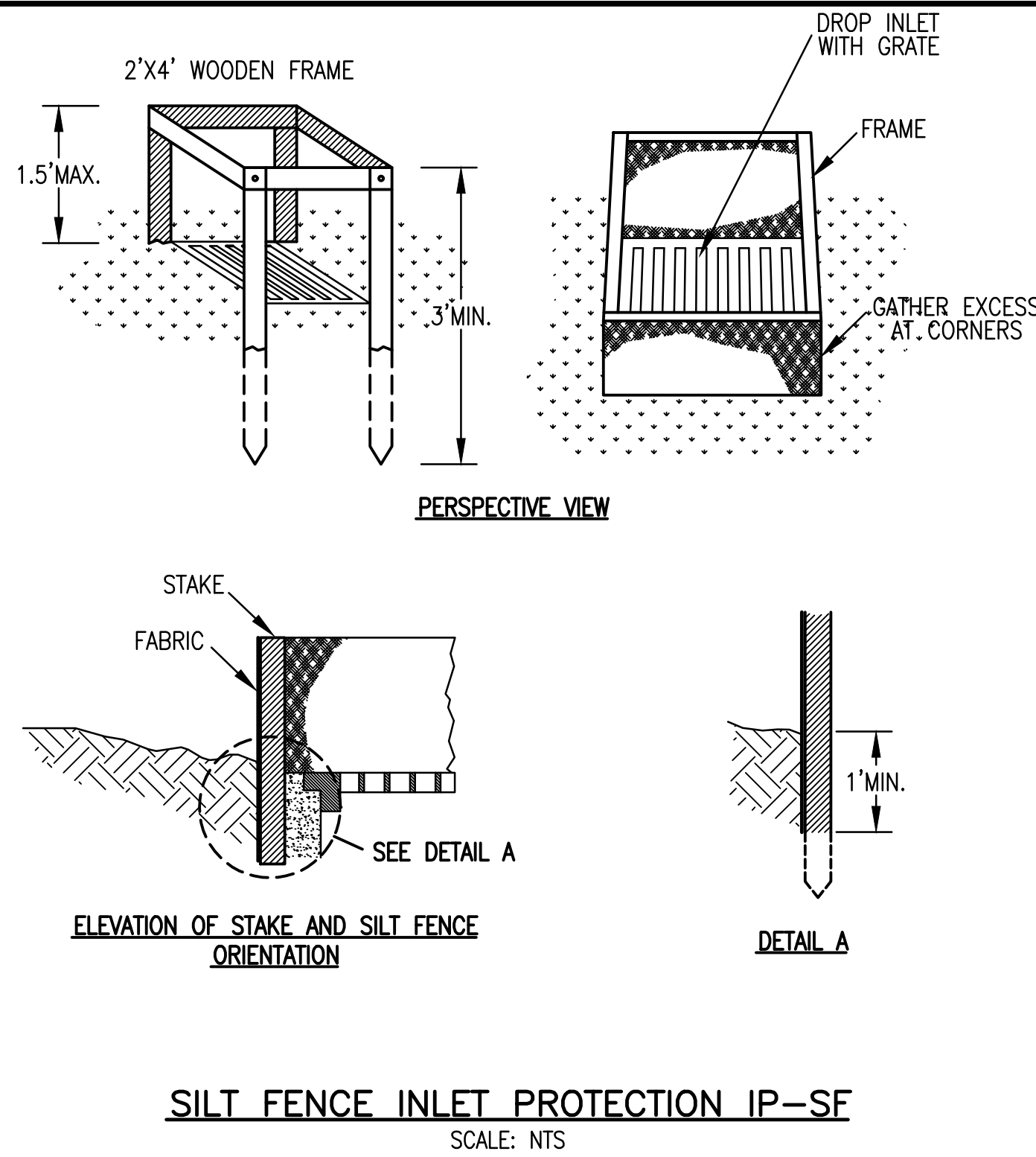
1. MAXIMUM SLOPE HEIGHT BETWEEN TERRACES SHALL BE 30 FEET FOR CUT SLOPES AND 25 FEET FILL SLOPES.
2. TERRACE WIDTH(S) SHOULD BE AT LEAST 6 FEET WIDE. DESIGN TERRACE DITCHES TO DRAIN AT NON-EROSIVE VELOCITIES.
3. TERRACED SLOPES SHOULD BE DESIGNED BY A PROFESSIONAL, BASED UPON ACTUAL SITE CONDITIONS.



ONCE THE WALLS ARE INSTALLED IN THE FIELD THEY ARE ATTACHED WITH 2 - 1/2" THICK BOLT PLATES (20"x6") IN THE BACK W/HILT WEDGE BOLTS



PIPE DIAMETER	RIP-RAP WIDTH
8"	5'
10"	5.5'
12"	6'
15-16"	8'
18"	8.5'
21"	9'
24"	10'



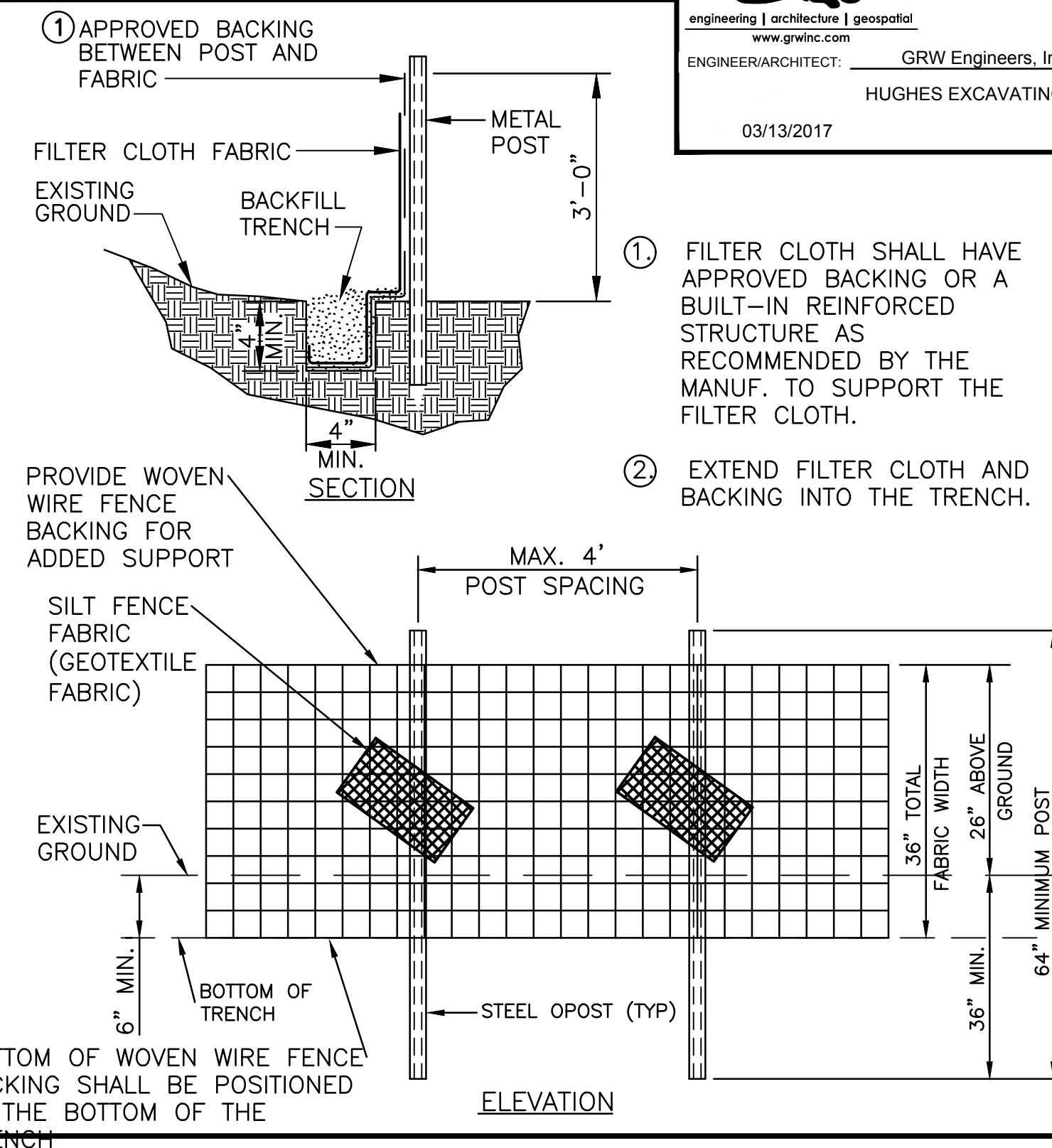
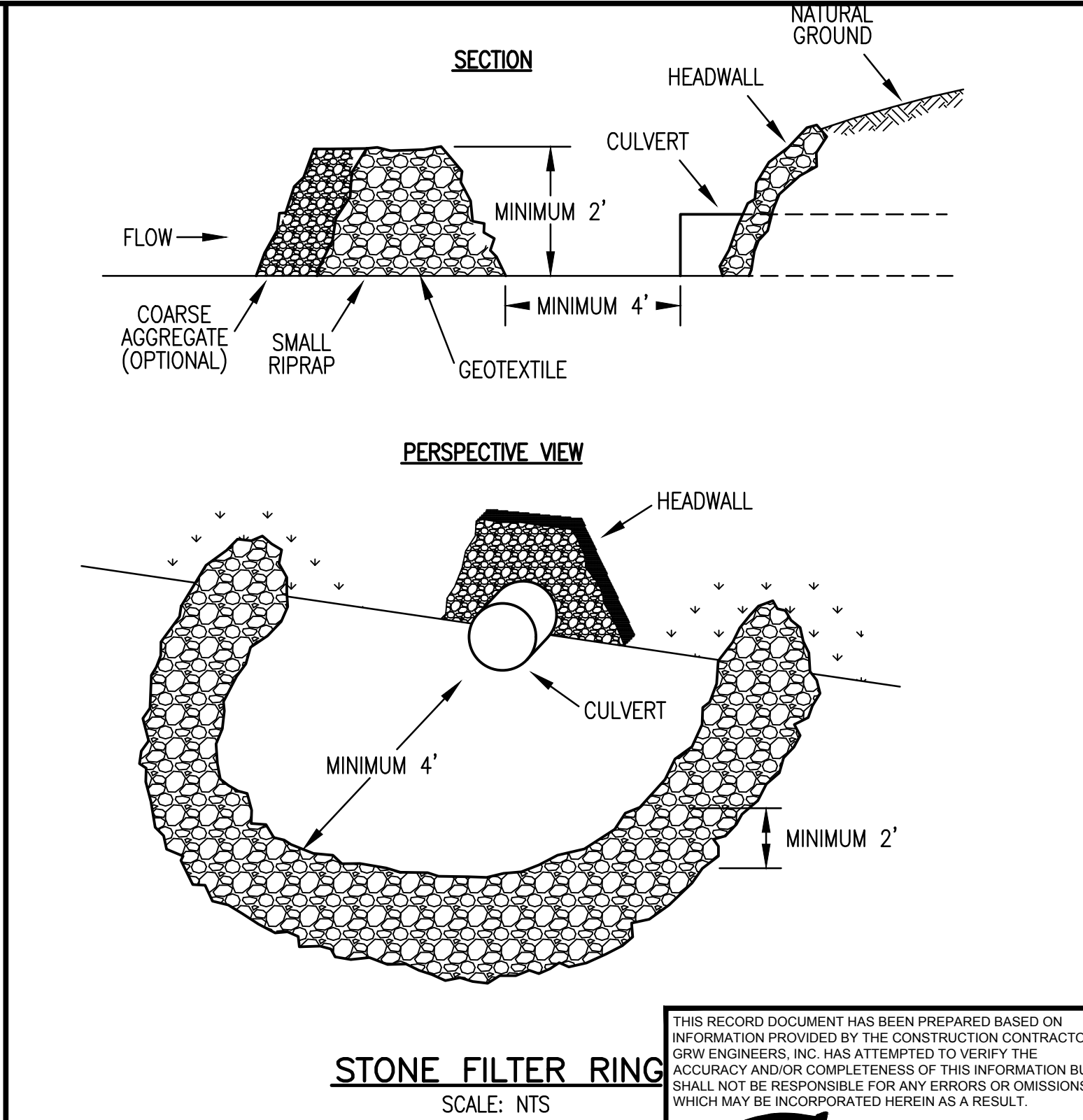
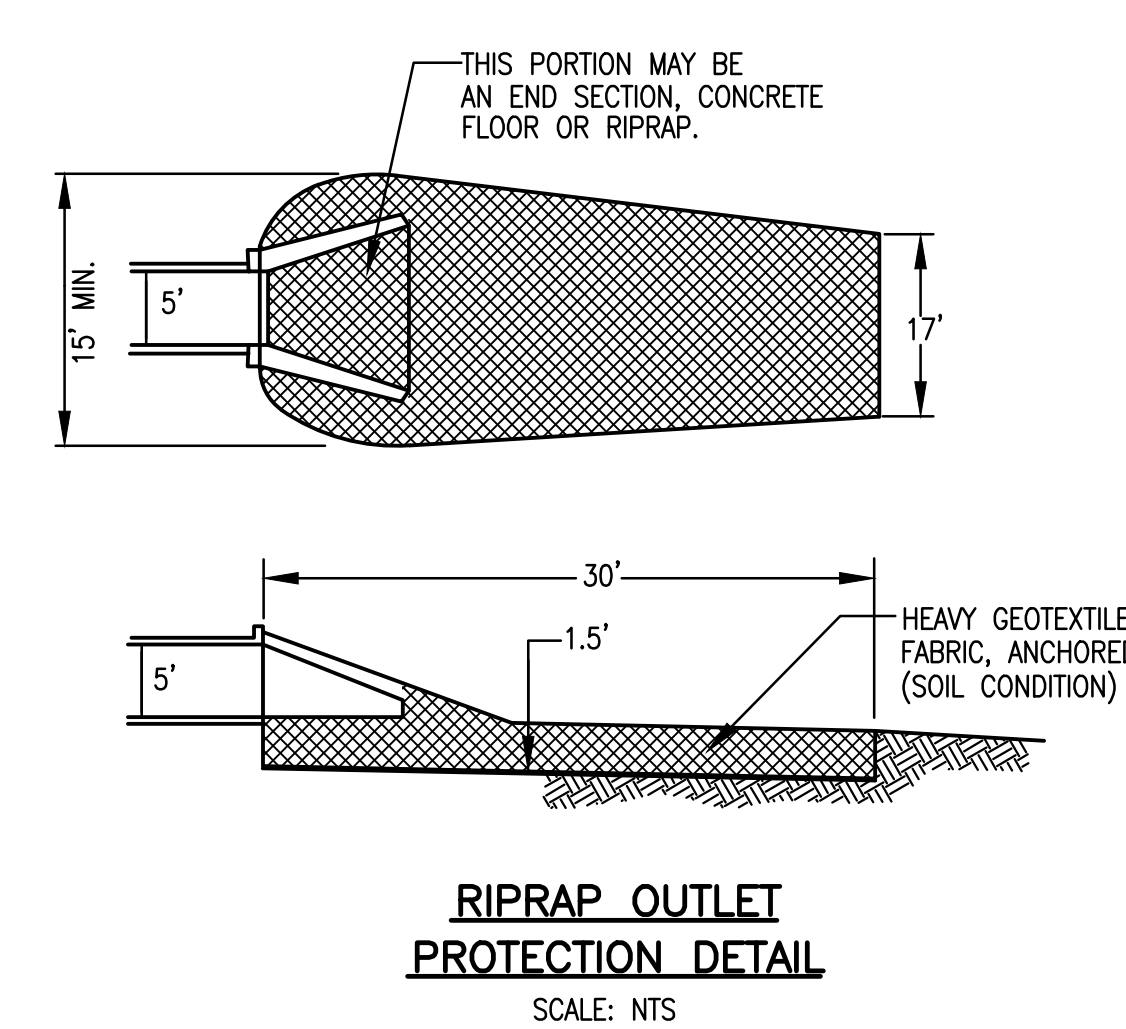
SILT FENCE SPECIFICATIONS

TYPE FENCE	A	B	C
TENSILE STRENGTH (LBS. MIN.) (1) (ASTM D-4632)	WARP - 120 FILL - 100	WARP - 120 FILL - 100	WARP - 260 FILL - 180
ELONGATION (% MAX.) (ASTM D-4632)	40	40	40
AOS (APPARENT OPENING SIZE) (MAX. SIEVE SIZE) (ASTM D-4751)	#30	#30	#30
FLOW RATE (GAL/MIN/SQ. FT.) (GDT-87)	25	25	70
ULTRAVIOLET STABILITY (2) (ASTM D-4632 AFTER 300 HOURS WEATHERING IN ACCORDANCE WITH ASTM D-4355)	80	80	80
BURSTING STRENGTH (PSI MIN.) (ASTM D-3786 DIAPHRAGM BURSTING STRENGTH TESTER)	175	175	175
MINIMUM FABRIC WIDTH (INCHES)	36	22	36

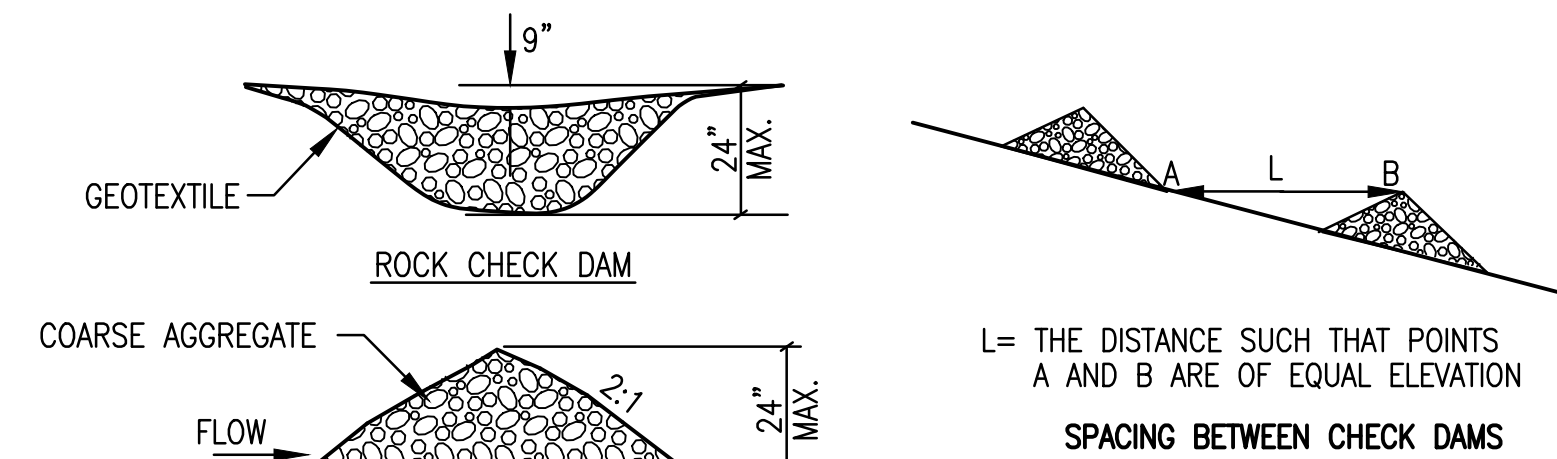
(1) MINIMUM ROLL AVERAGE OF FIVE SPECIMENS.
(2) PERCENT OF REQUIRED INITIAL MINIMUM TENSILE STRENGTH.

SILT FENCE DETAIL

SCALE: NTS



BOTTOM OF WOVEN WIRE FENCE BACKING SHALL BE POSITIONED AT THE BOTTOM OF THE TRENCH



This document, originally issued, sealed, and signed by Barry L. Cloyd, Tennessee Professional Engineer, No. 100893, on December 14, 2015, shall not be used in lieu of a certified document.

GRW PROJECT NO. 4349-01

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GRW ENGINEERS, INC. ARCHITECTS - PLANNERS

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EROSION CONTROL STANDARD DETAILS

ROAN & CROOKED CREEK RDS. WATER LINE EXTENSIONS

CDBG CONTRACT NO. 2737

PERRY COUNTY, TENNESSEE

DESIGNED	BLC	DRAWN	DM	REVIEWED	BLC	APPROVED	BLC
DATE							
DESCRIPTION							
NO.							
DATE:	JANUARY 2015						
SCALE:	AS NOTED						
SHEET NO.							

EC-08