

PRINTED: 8/23/2011 @ 7:45AM

FILE NAME: I:\3827-Lobelville\00-General Eng\Working Drawings\Crooked Creek Rd\Design Drawings\CrookedCk_C-07.dwg

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

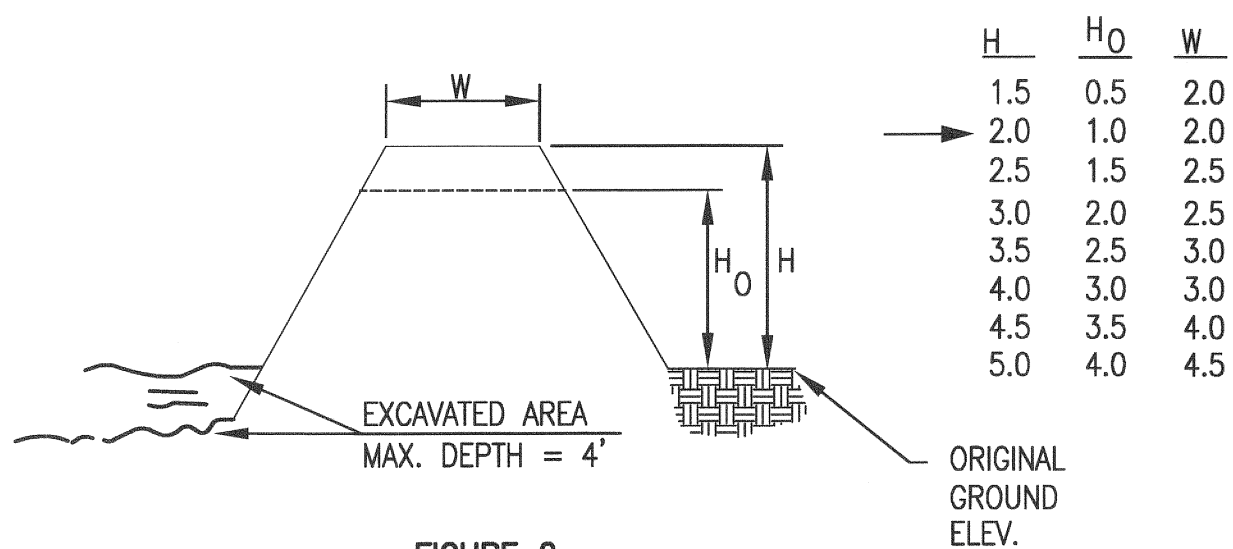
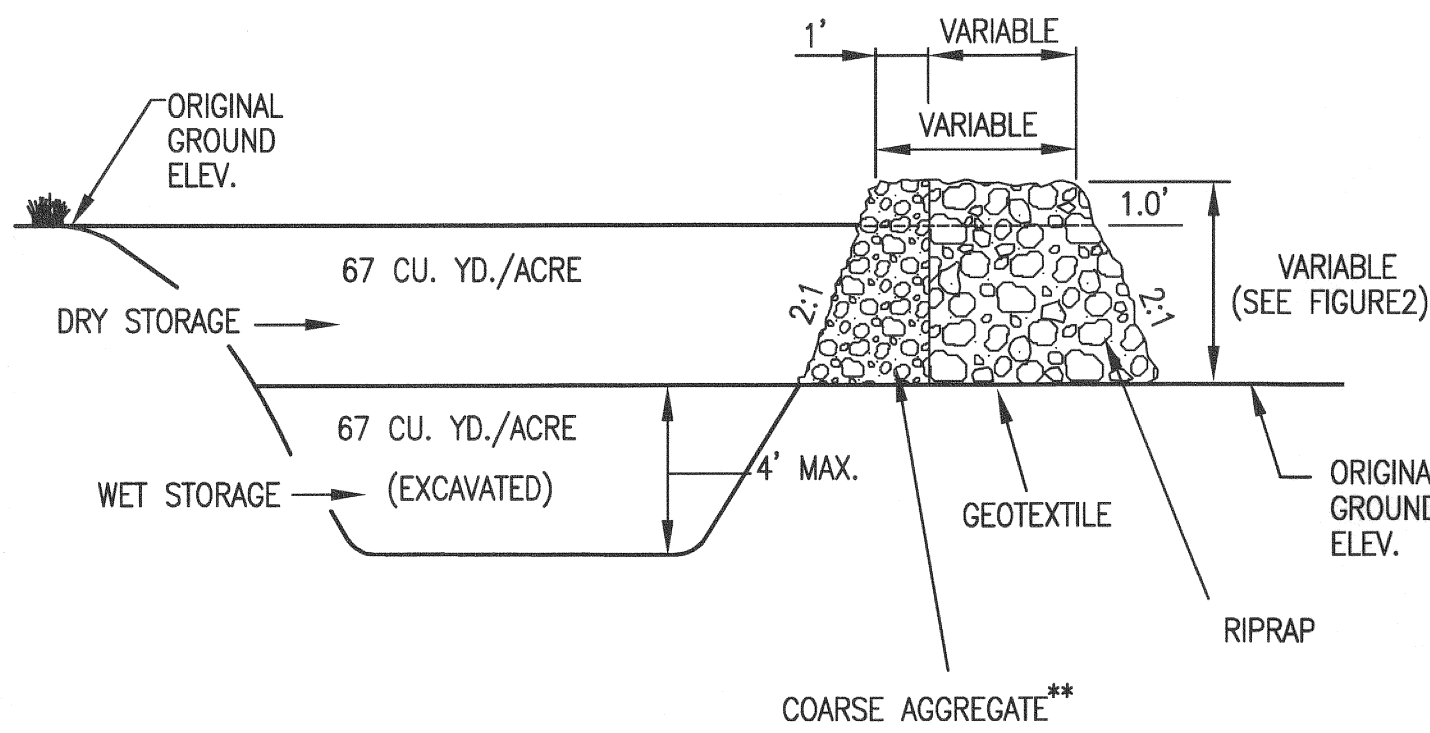
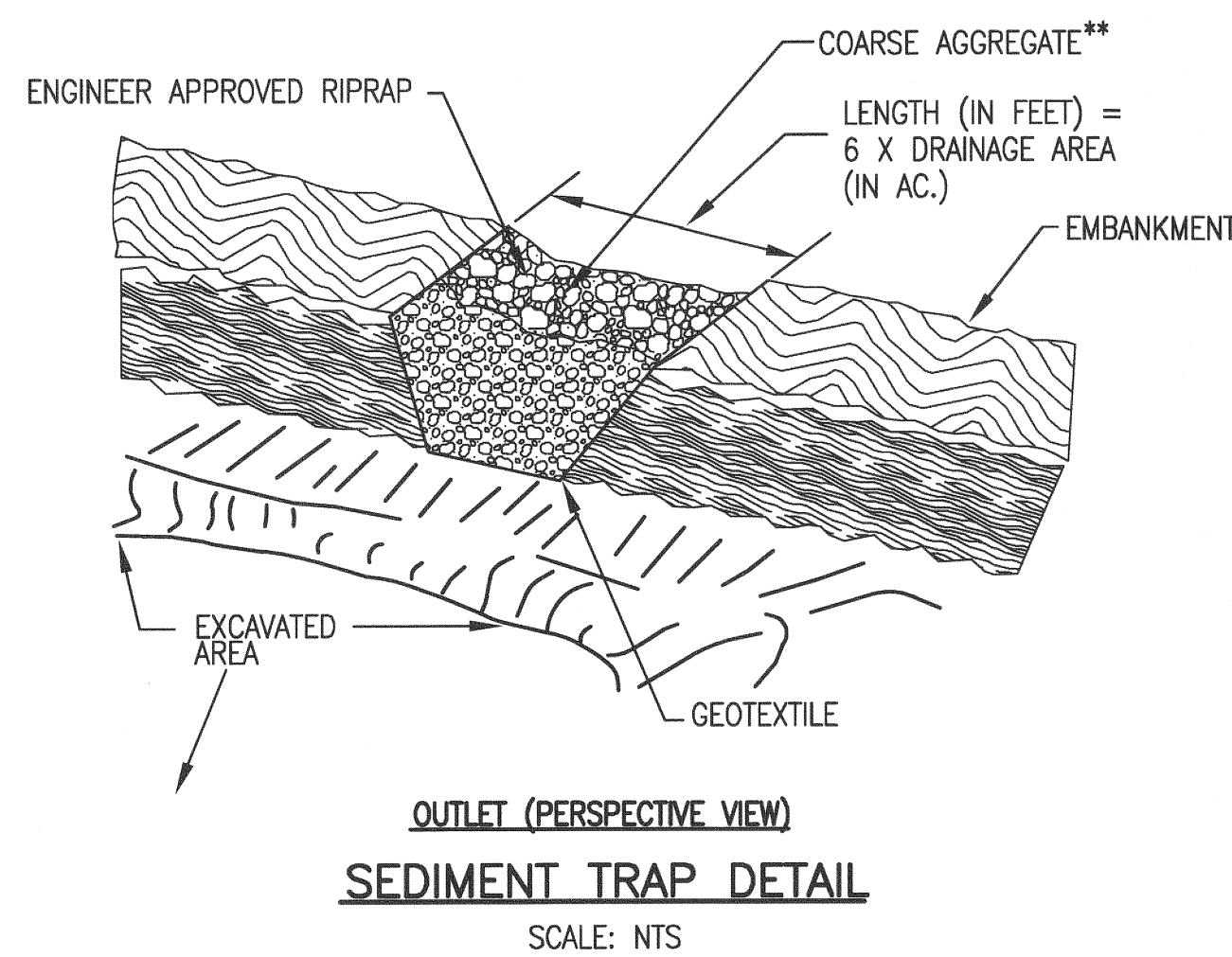


FIGURE 2



**COARSE AGGREGATE SHOULD BE ENGINEER APPROVED

CROSS SECTION OF OUTLET

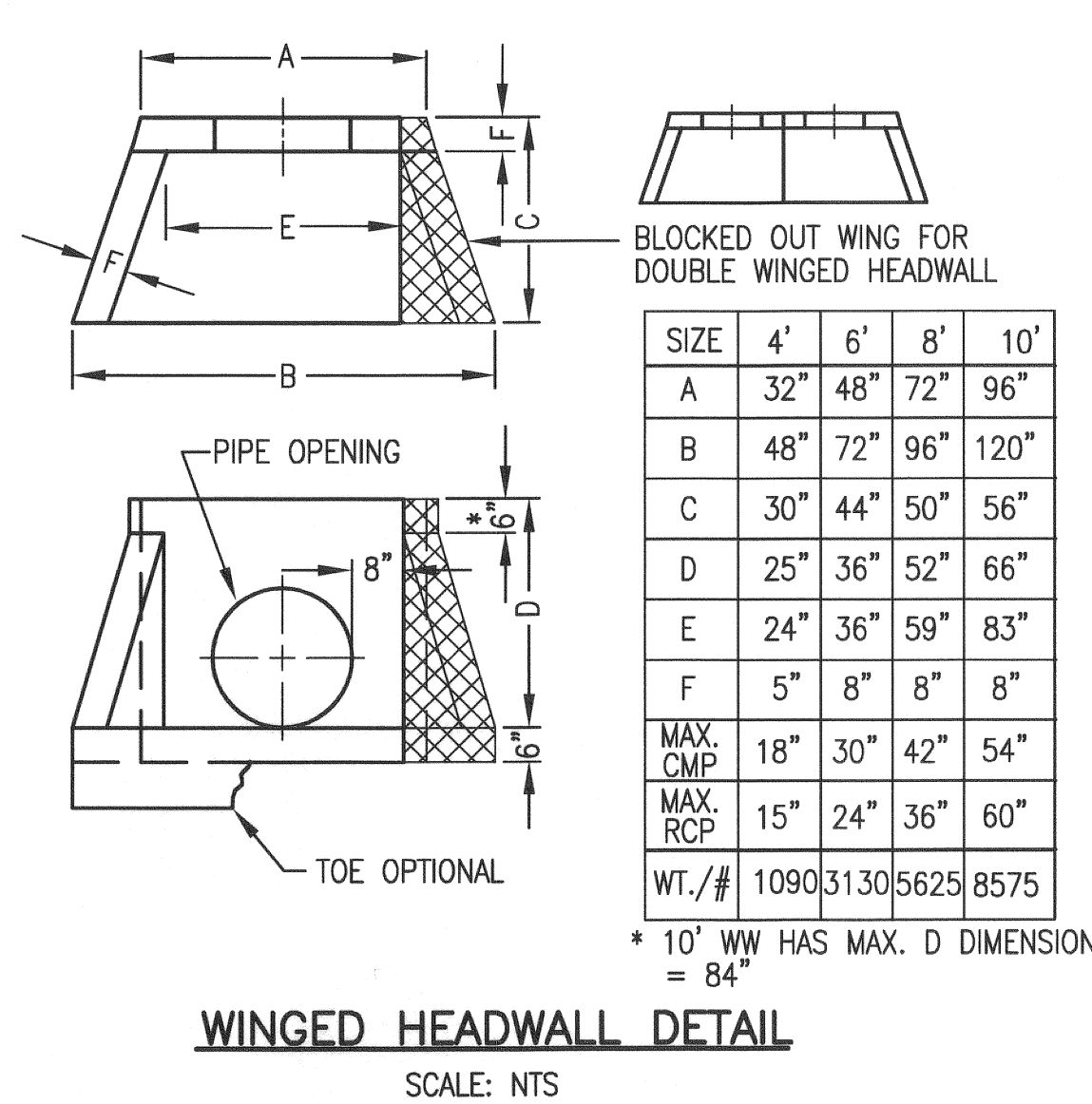


NOTES:

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.

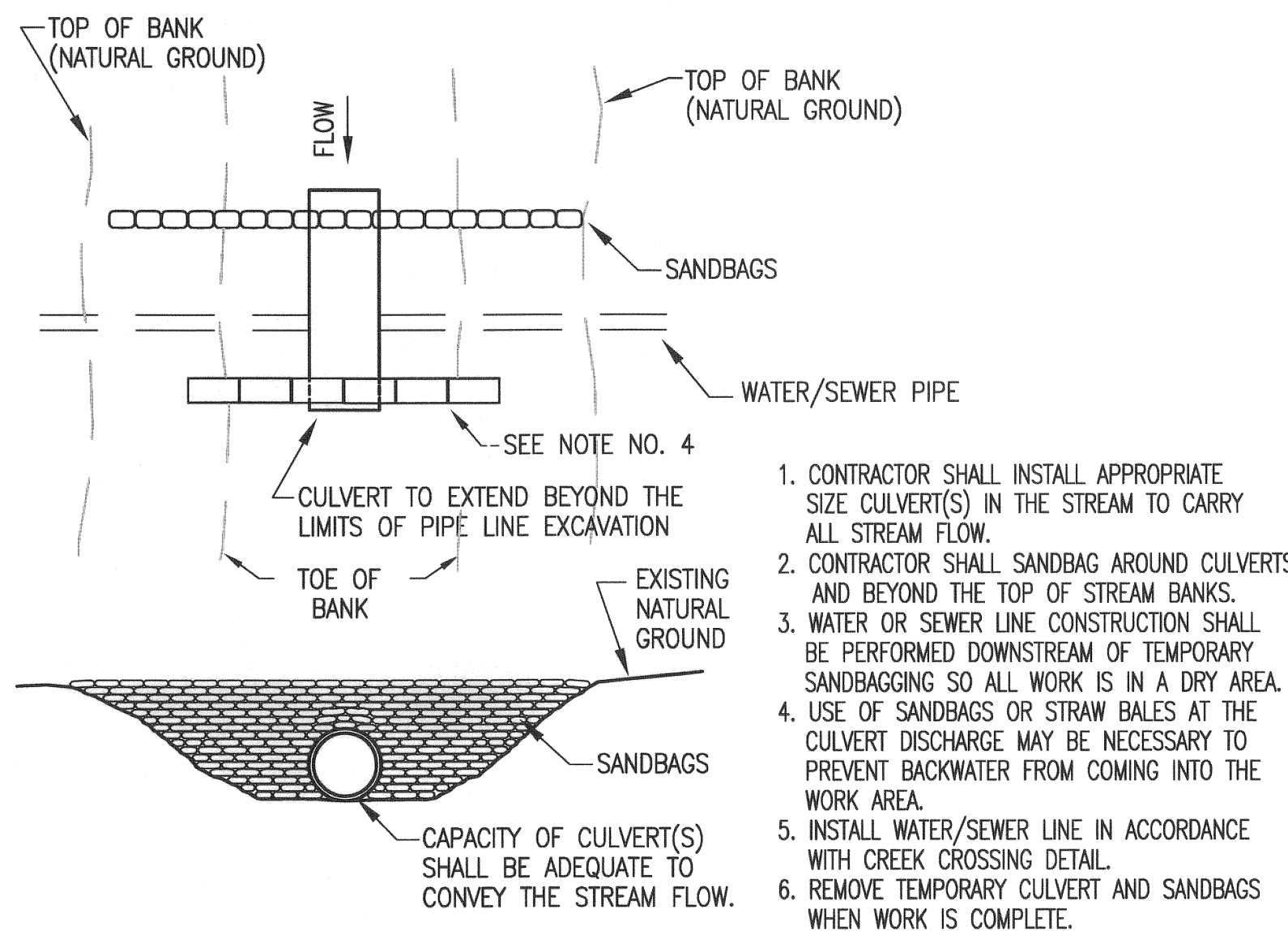
TERRACED SLOPE DETAIL
SCALE: NTS

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

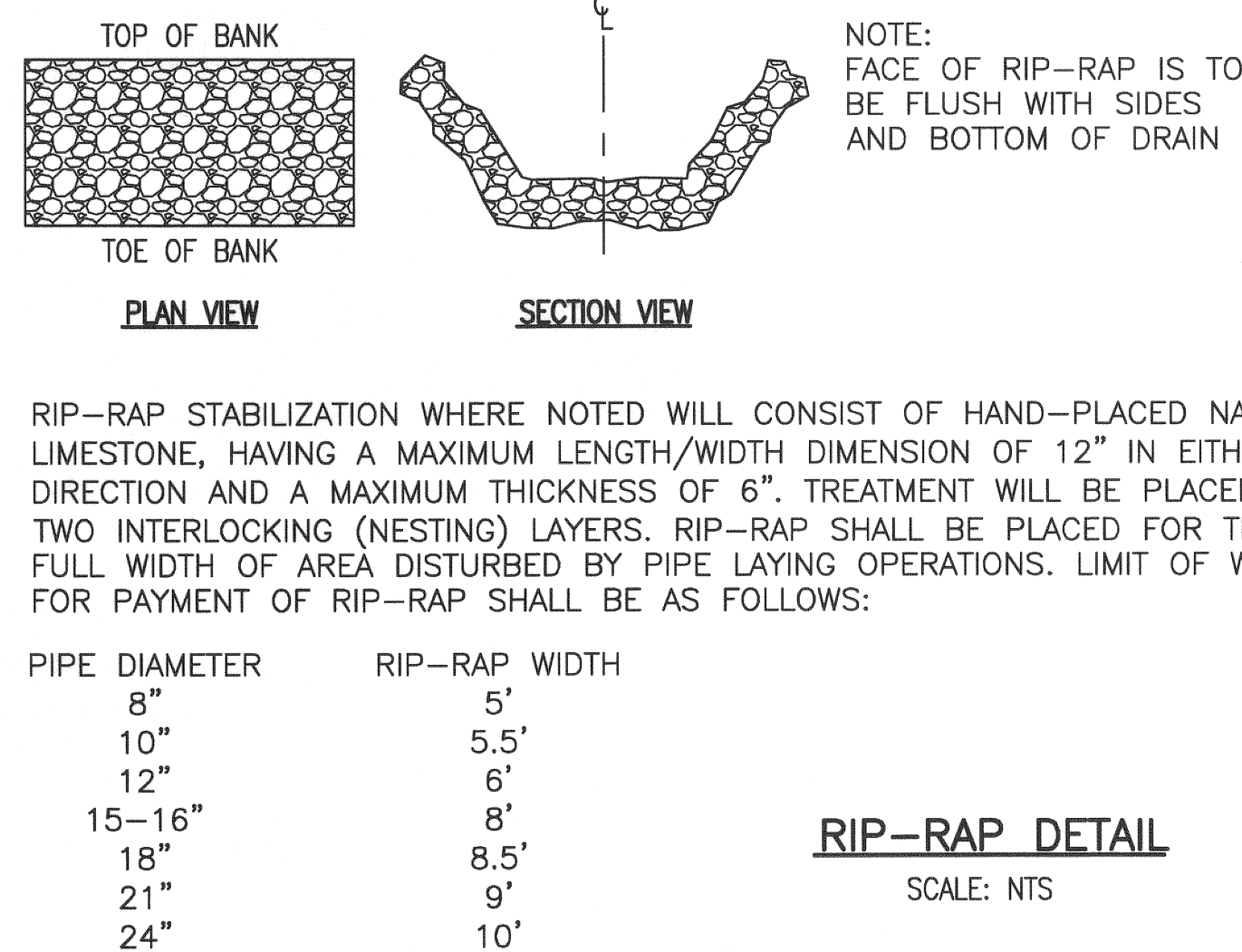


WINGED HEADWALL DETAIL

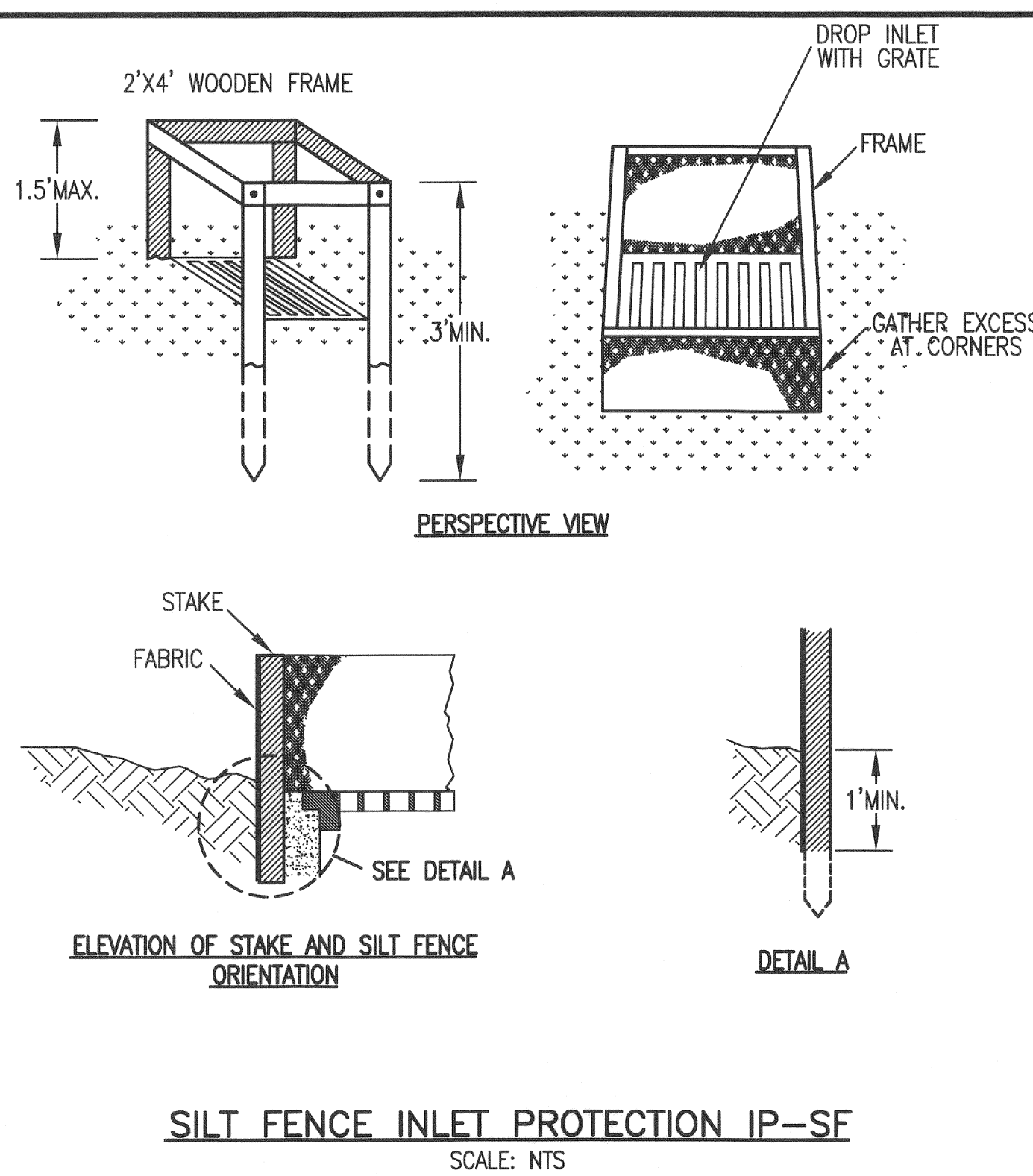
SCALE: NTS



TEMPORARY STREAM DIVERSION
WATER/SEWER LINE CONSTRUCTION
NOT TO SCALE



RIP-RAP DETAIL
SCALE: NTS



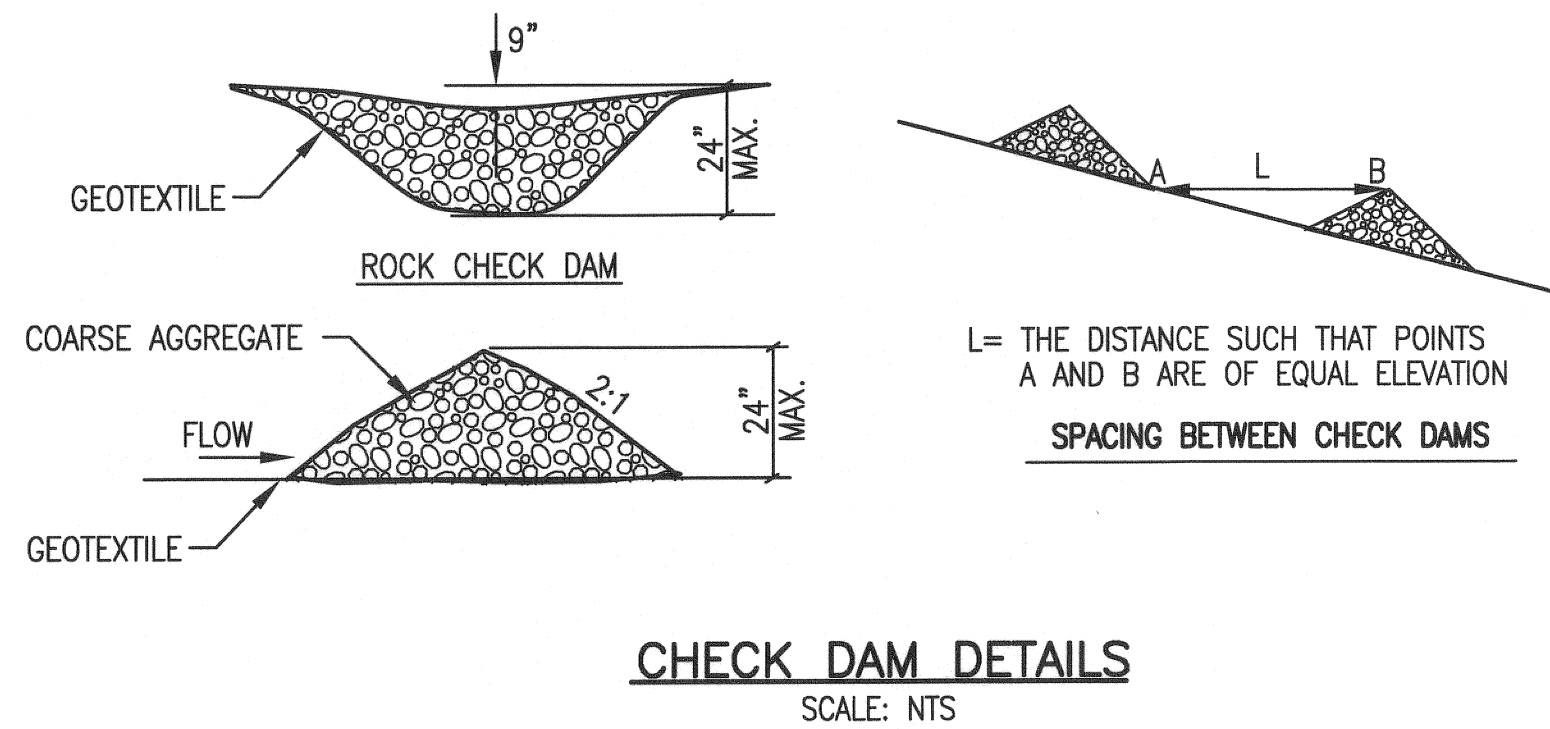
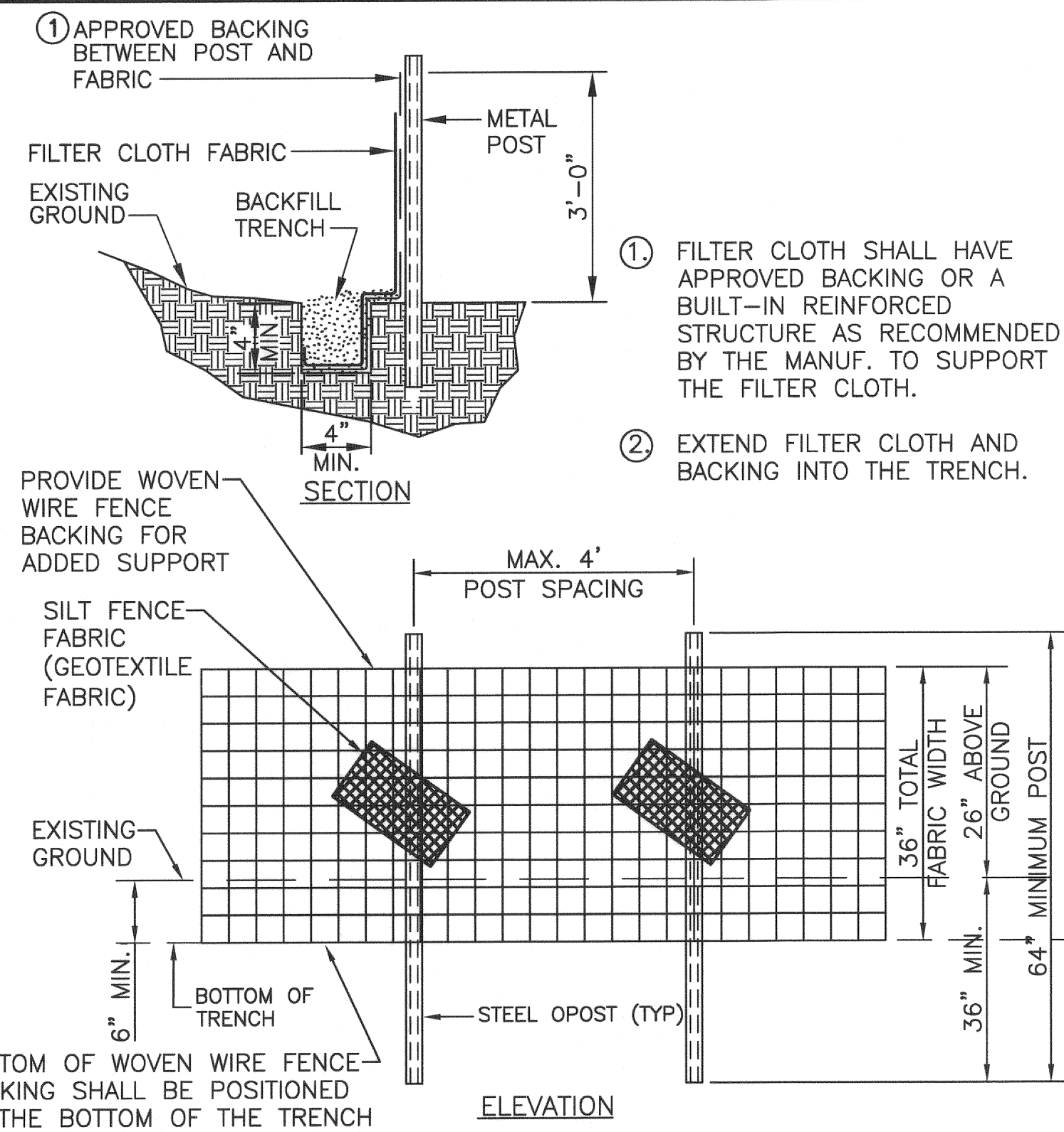
SILT FENCE INLET PROTECTION IP-SF
SCALE: NTS

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 - 280 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



CHECK DAM DETAILS
SCALE: NTS

STATE SUBMITTAL

GRV PROJECT NO. 3827-00

ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF GILBERT ARCHITECTS - PLANNERS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION.

GILBERT ARCHITECTS - PLANNERS

ENGINEERS - ARCHITECTS - PLANNERS

www.grvintc.com

EROSION CONTROL STANDARD DETAILS

DESIGNED: JWH
DRAWN: DM
REVIEWED: JWH
APPROVED: JWH

REVISIONS

NO.	DESCRIPTION	DATE
1		

DATE: AUGUST 2011

SCALE: AS NOTED

SHEET NO. C-07

WATER LINE EXTENSIONS
CITY OF LOBELVILLE, TENNESSEE