

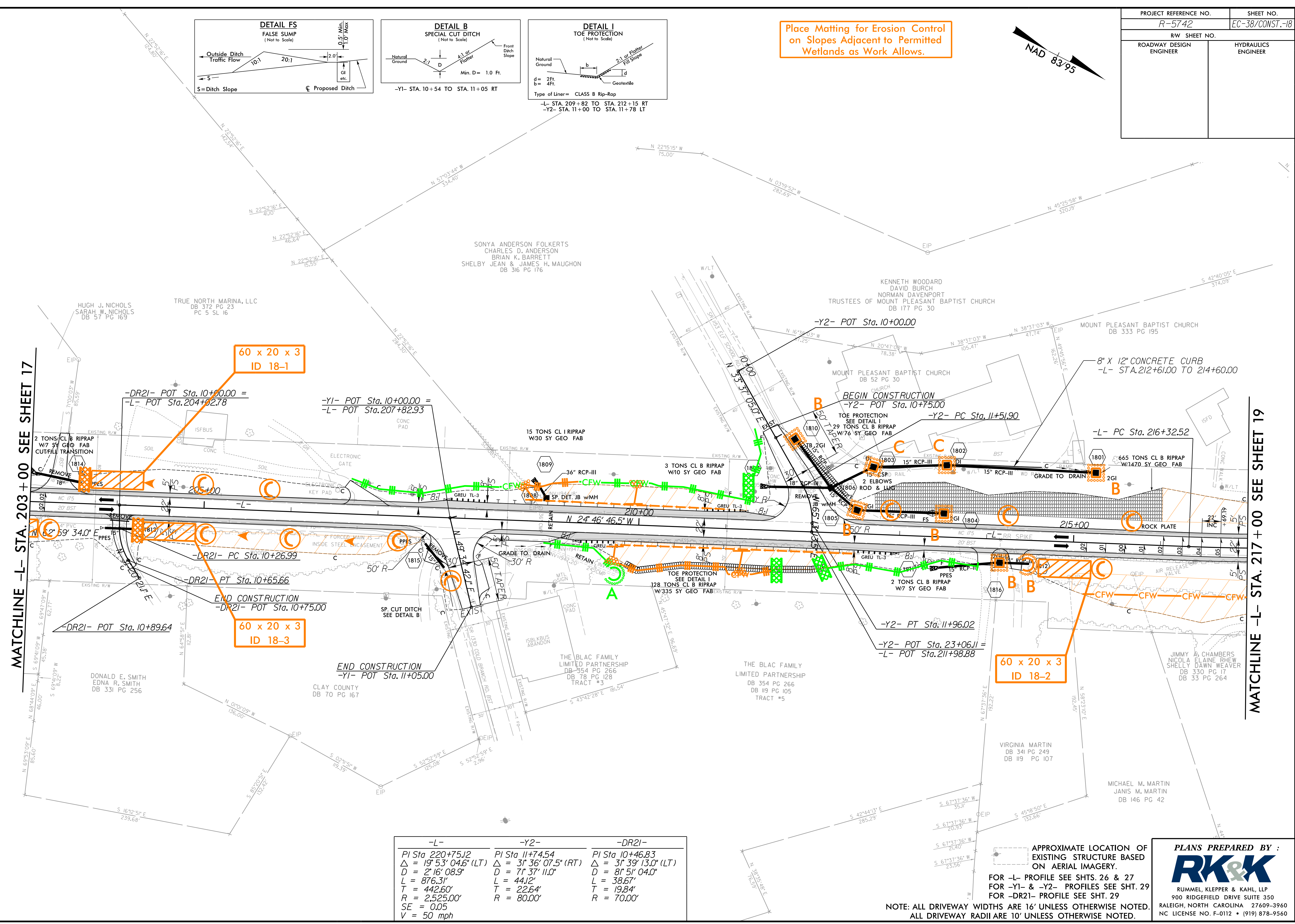
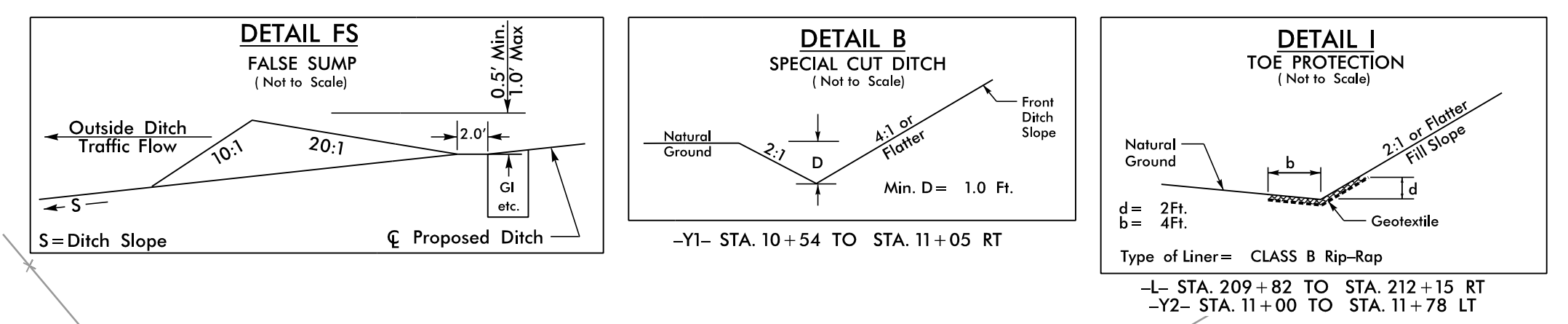
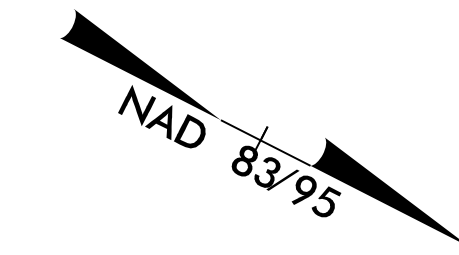
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PROJECT REFERENCE NO.	SHEET NO.
R-5742	EC-38/CONST.-18
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.



MATCHLINE -L- STA. 203 + 00 SEE SHEET 17

MATCHLINE -L- STA. 217 + 00 SEE SHEET 19

60 x 20 x 3  
ID 18-1

60 x 20 x 3  
ID 18-3

60 x 20 x 3  
ID 18-2

-L-	-Y2-	-DR21-
PI Sta 220+75.12	PI Sta 11+74.54	PI Sta 10+46.83
$\Delta = 19' 53' 04.6''$ (LT)	$\Delta = 31' 36' 07.5''$ (RT)	$\Delta = 31' 39' 13.0''$ (LT)
D = 2' 16' 08.9"	D = 71' 37' 11.0"	D = 81' 51' 04.0"
L = 876.31'	L = 44.2'	L = 38.67'
T = 442.60'	T = 22.64'	T = 19.84'
R = 2,525.00'	R = 80.00'	R = 70.00'
SE = 0.05		
V = 50 mph		

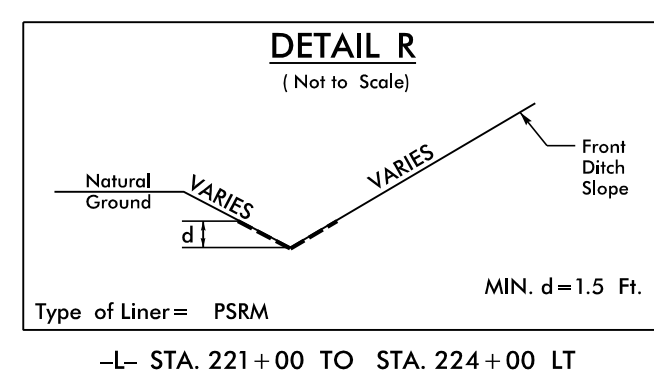
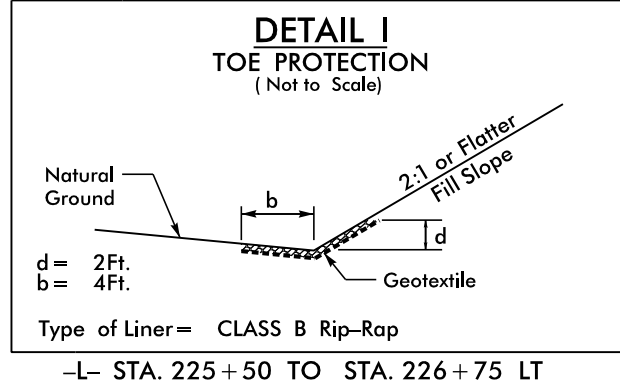
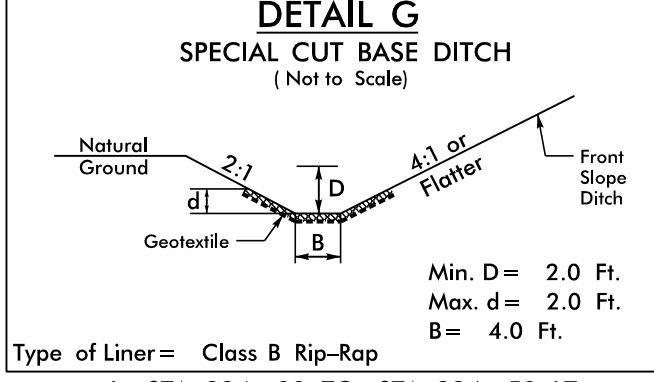
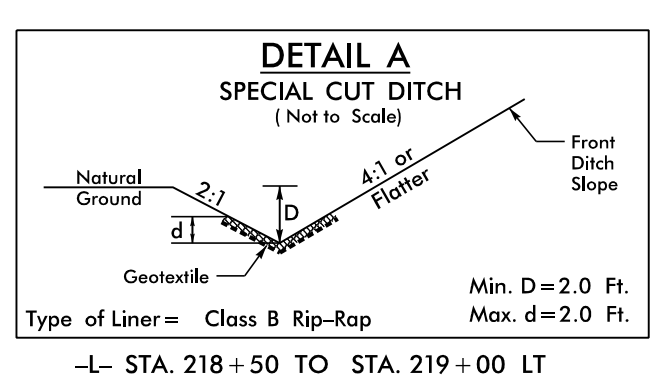
APPROXIMATE LOCATION OF EXISTING STRUCTURE BASED ON AERIAL IMAGERY.  
FOR -L- PROFILE SEE SHTS. 26 & 27  
FOR -Y1- & -Y2- PROFILES SEE SHT. 29  
FOR -DR21- PROFILE SEE SHT. 29

NOTE: ALL DRIVEWAY WIDTHS ARE 16' UNLESS OTHERWISE NOTED.  
ALL DRIVEWAY RADII ARE 10' UNLESS OTHERWISE NOTED.

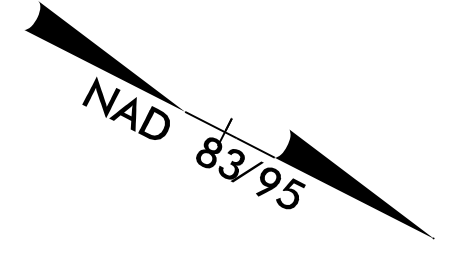
PLANS PREPARED BY :

RUMMEL, KLEPPER & KAHL, LLP  
900 RIDGEFIELD DRIVE SUITE 350  
RALEIGH, NORTH CAROLINA 27609-3960  
NC LICENSE NO. F-0112 • (919) 878-9560

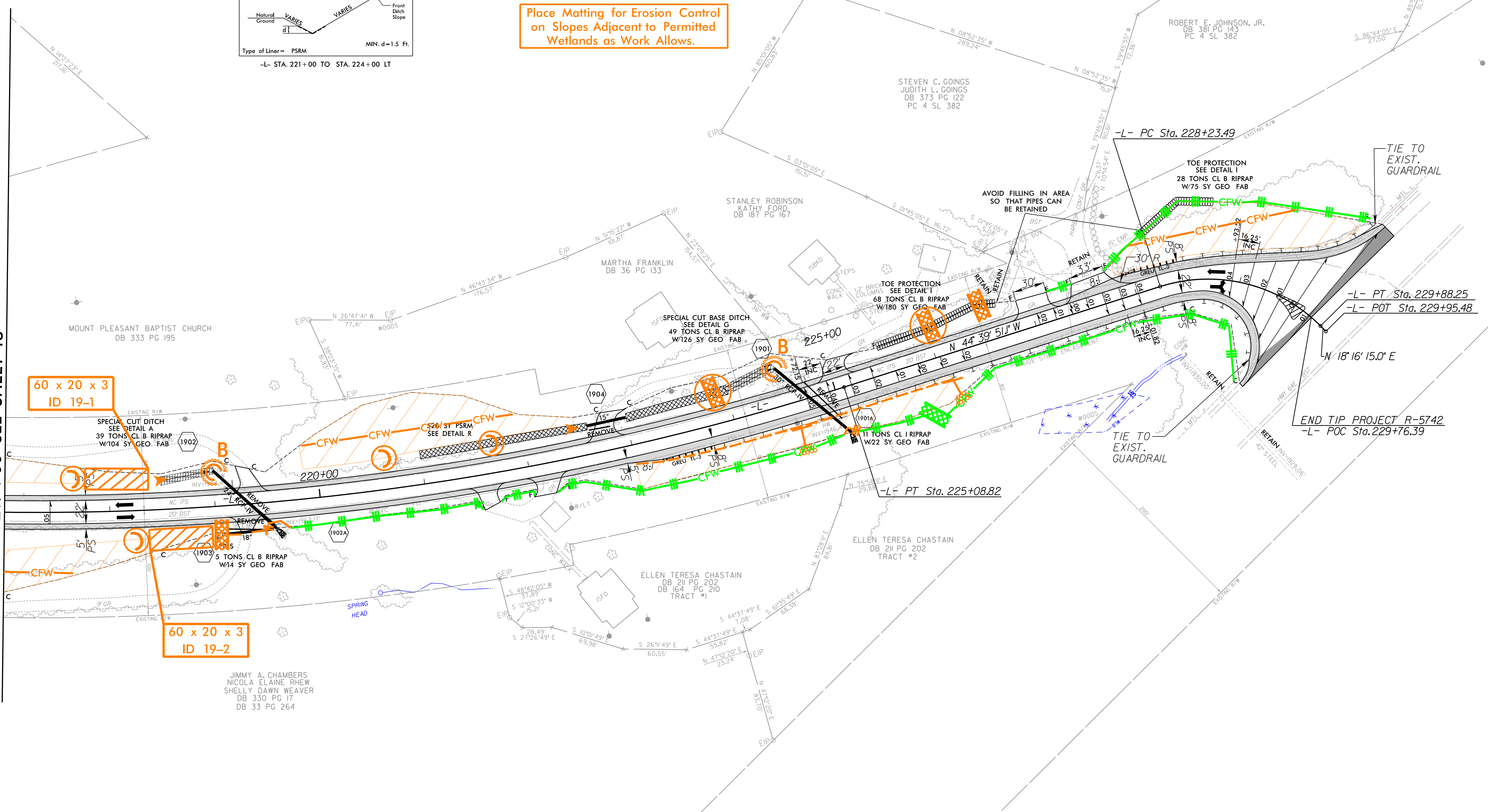
8/17/99  
R:\Hydro\plans\EC-38\Const\Control\N-5742-EC.psh.34.dgn  
12/21/2018



Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.



MATCHLINE -L- STA. 217+00 SEE SHEET 18



60 x 20 x 3  
ID 19-1

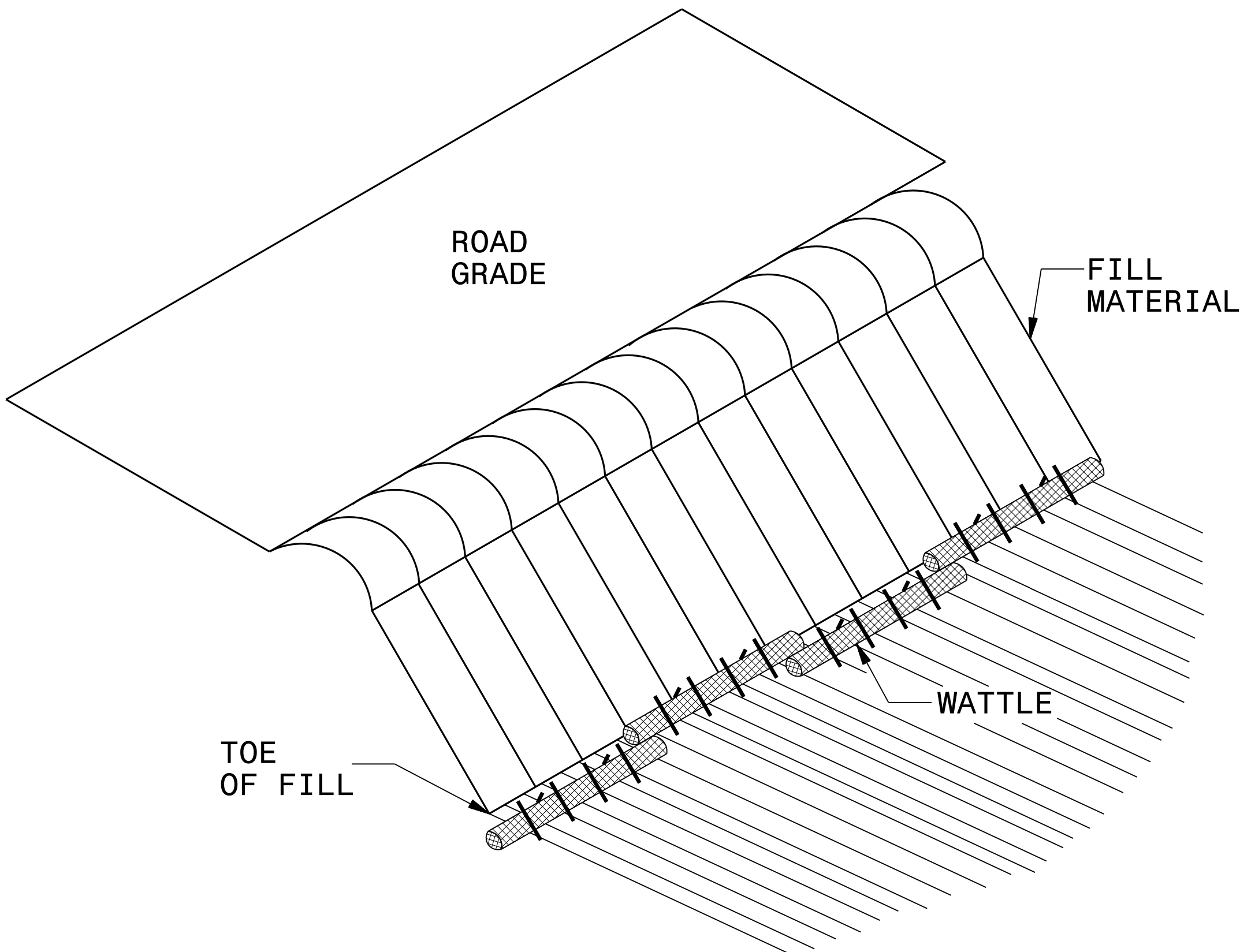
60 x 20 x 3  
ID 19-2

-L-	
PI Sta 220+75.12	PI Sta 229+15.29
$\Delta = 19^{\circ} 53' 04.6''$ (LT)	$\Delta = 62^{\circ} 56' 06.1''$ (RT)
$D = 2^{\circ} 16' 08.9''$	$D = 38^{\circ} 11' 49.9''$
$L = 876.31'$	$L = 164.76'$
$T = 442.60'$	$T = 91.80'$
$R = 2,525.00'$	$R = 150.00'$
$SE = 0.05$	$SE = 0.04$
$V = 50$ mph	$V = 25$ mph

8/17/99  
R:\2108\Projects\CADD\PSH\ER-oson\_Contr-1\R-5742\_EC\_psh35.dgn

PROJECT REFERENCE NO. <i>R-5742</i>	SHEET NO. <i>EC-2E</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

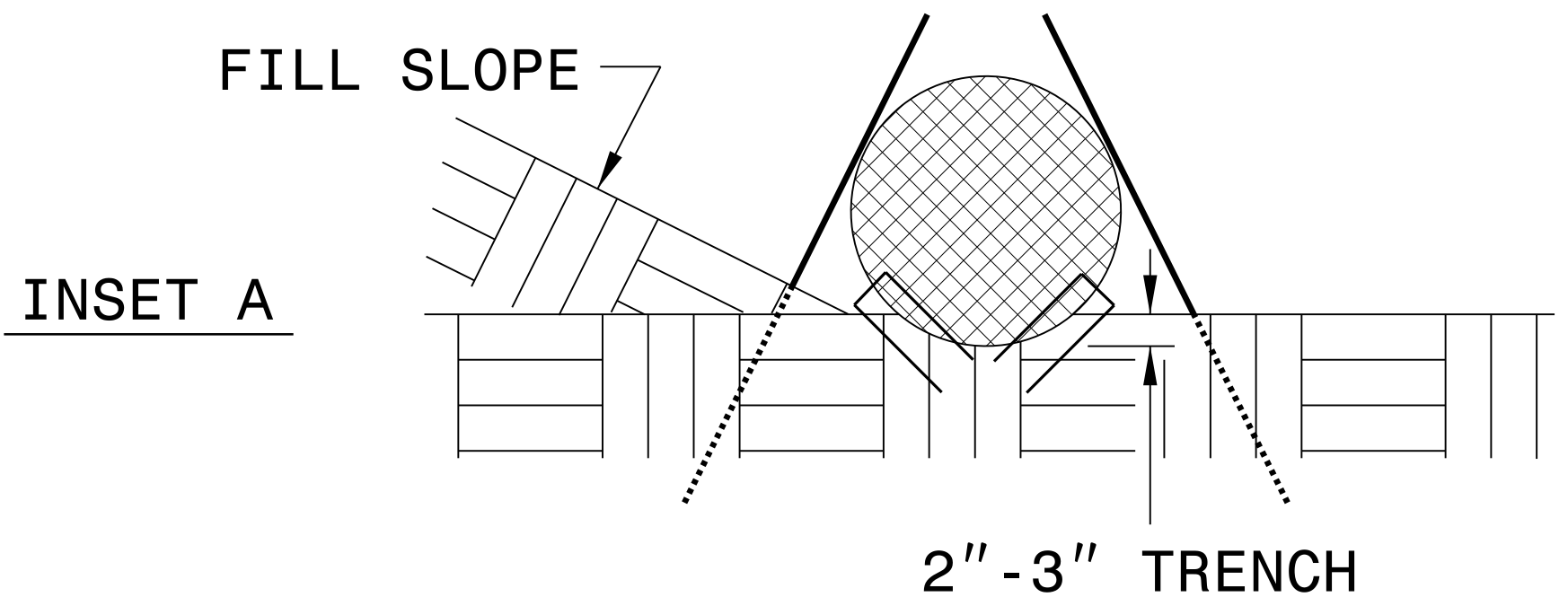
# COIR FIBER WATTLE BARRIER DETAIL



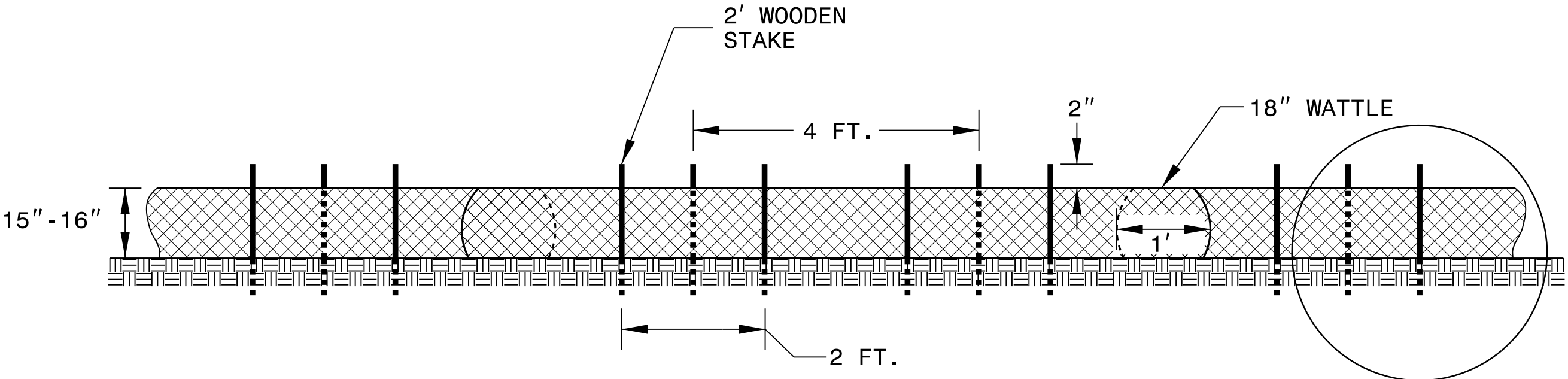
**ISOMETRIC VIEW**

**NOTES:**

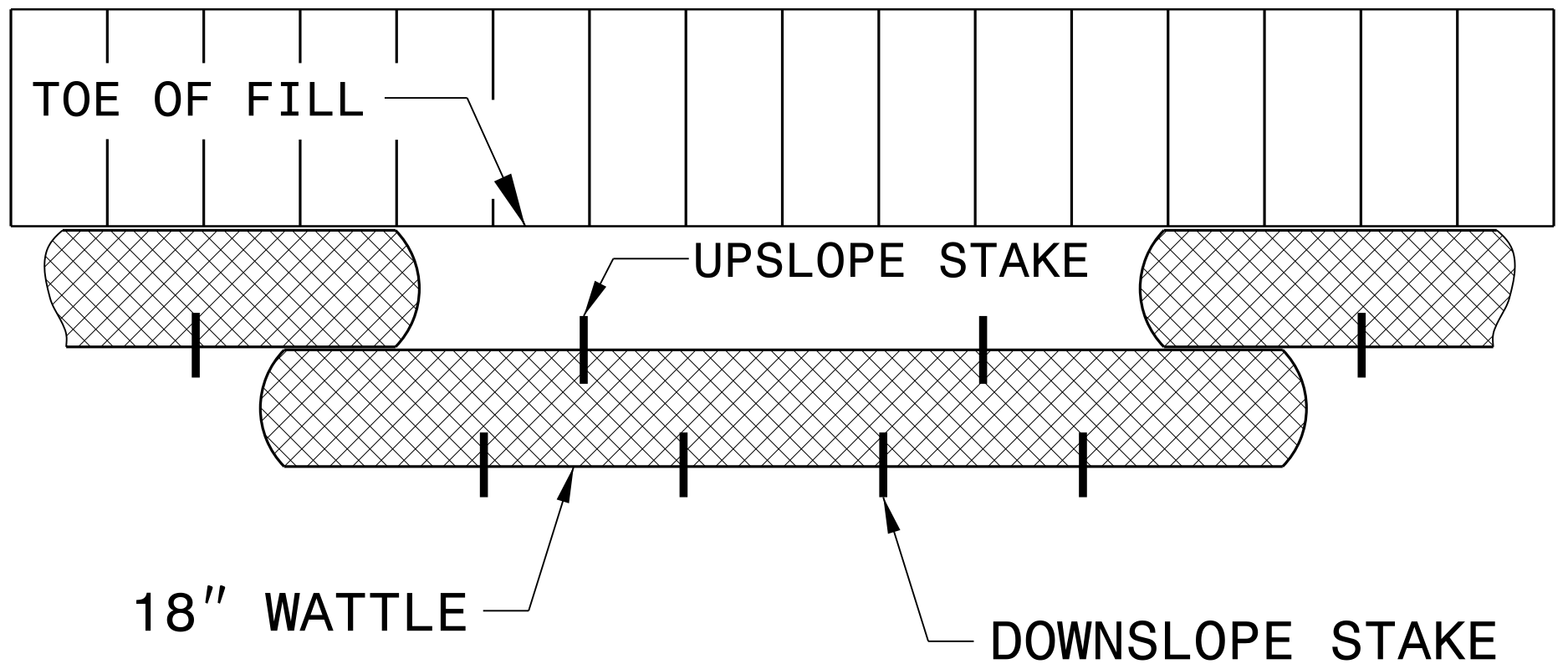
- USE MINIMUM 18 IN. NOMINAL DIAMETER COIR FIBER (COCONUT) WATTLE AND LENGTH OF 10 FT.
- EXCAVATE A 2 TO 3 INCH TRENCH FOR WATTLE TO BE PLACED.
- DO NOT PLACE WATTLES ON TOE OF SLOPE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.
- PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.
- INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
- FOR BREAKS ALONG LARGE SLOPES, USE MAXIMUM SPACING OF 25 FT.



**INSET A**



**FRONT VIEW**



**TOP VIEW**