

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4694	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

DAVIDSON COUNTY

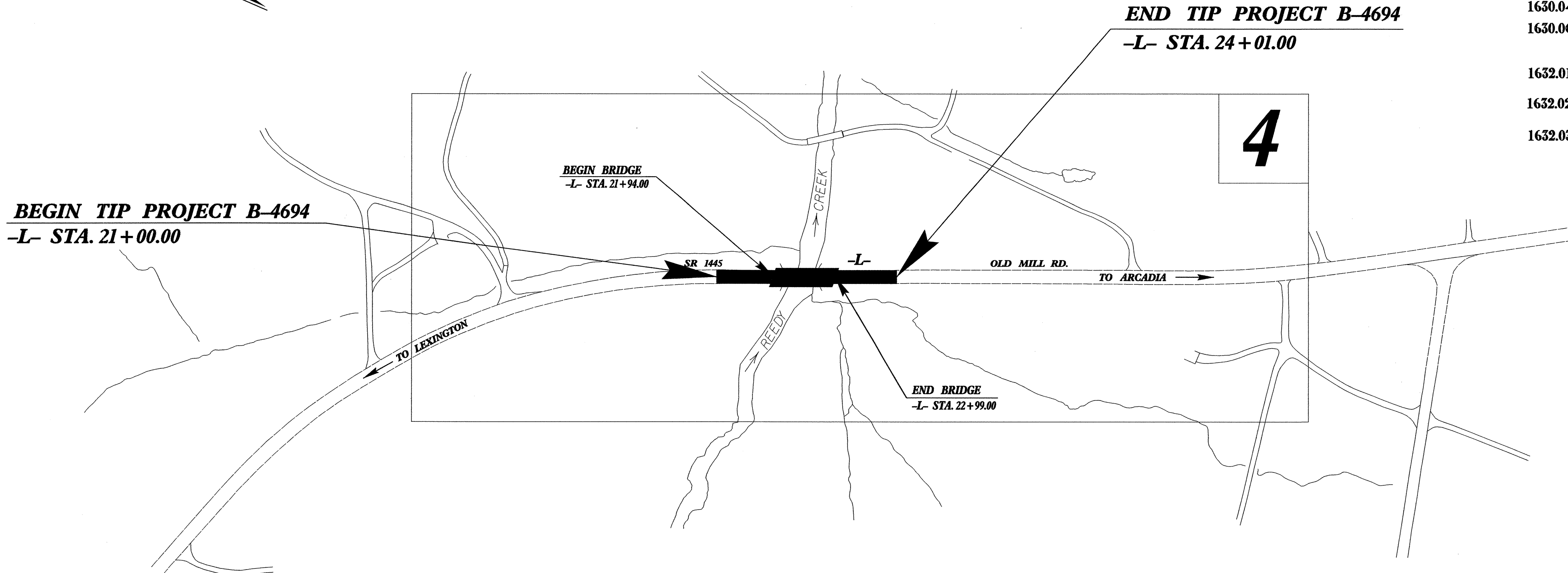
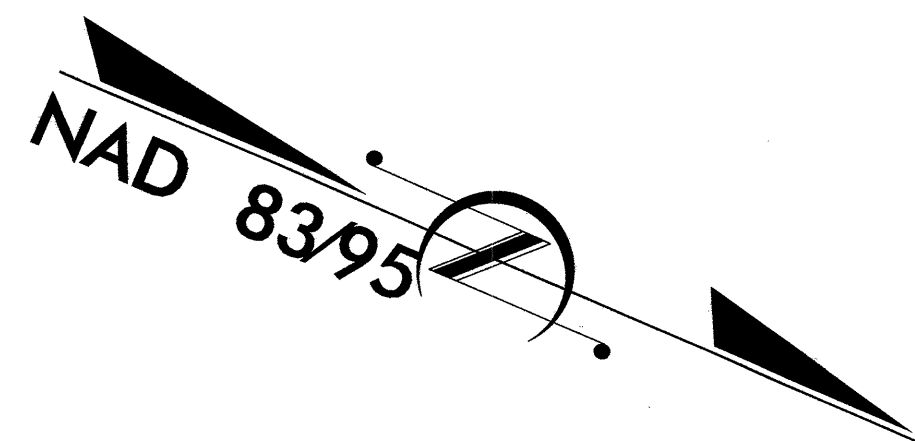
**LOCATION: BRIDGE NO. 52 OVER REEDY CREEK ON
SR 1445 (OLD MILL RD.)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING AND
STRUCTURE.**

EROSION AND SEDIMENT CONTROL MEASURES

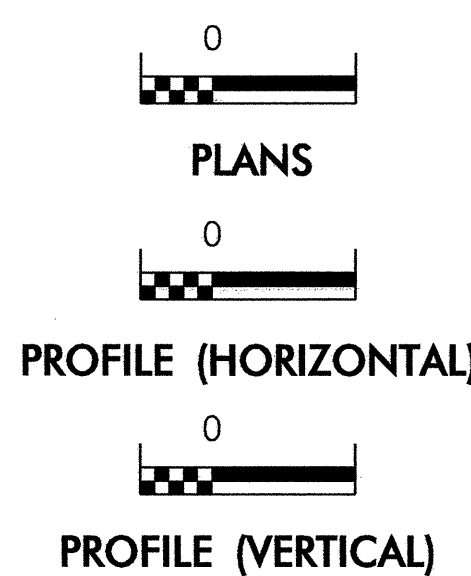
Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	▲▲▲▲▲
1622.01	Temporary Berms and Slope Drains	▲
	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	⊗
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	⊗
	Temporary Rock Silt Check Type-B	▶
	Wattle/Coir Fiber Wattle	⌒
	Wattle/Coir Fiber Wattle with Polyacrylamide (PAM)	⌒
1634.01	Temporary Rock Sediment Dam Type-A	▨
1634.02	Temporary Rock Sediment Dam Type-B	▨
1635.01	Rock Pipe Inlet Sediment Trap Type-A	⊓
1635.02	Rock Pipe Inlet Sediment Trap Type-B	⊓
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭

TIP PROJECT: B-4694



**THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.**

GRAPHIC SCALE



ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

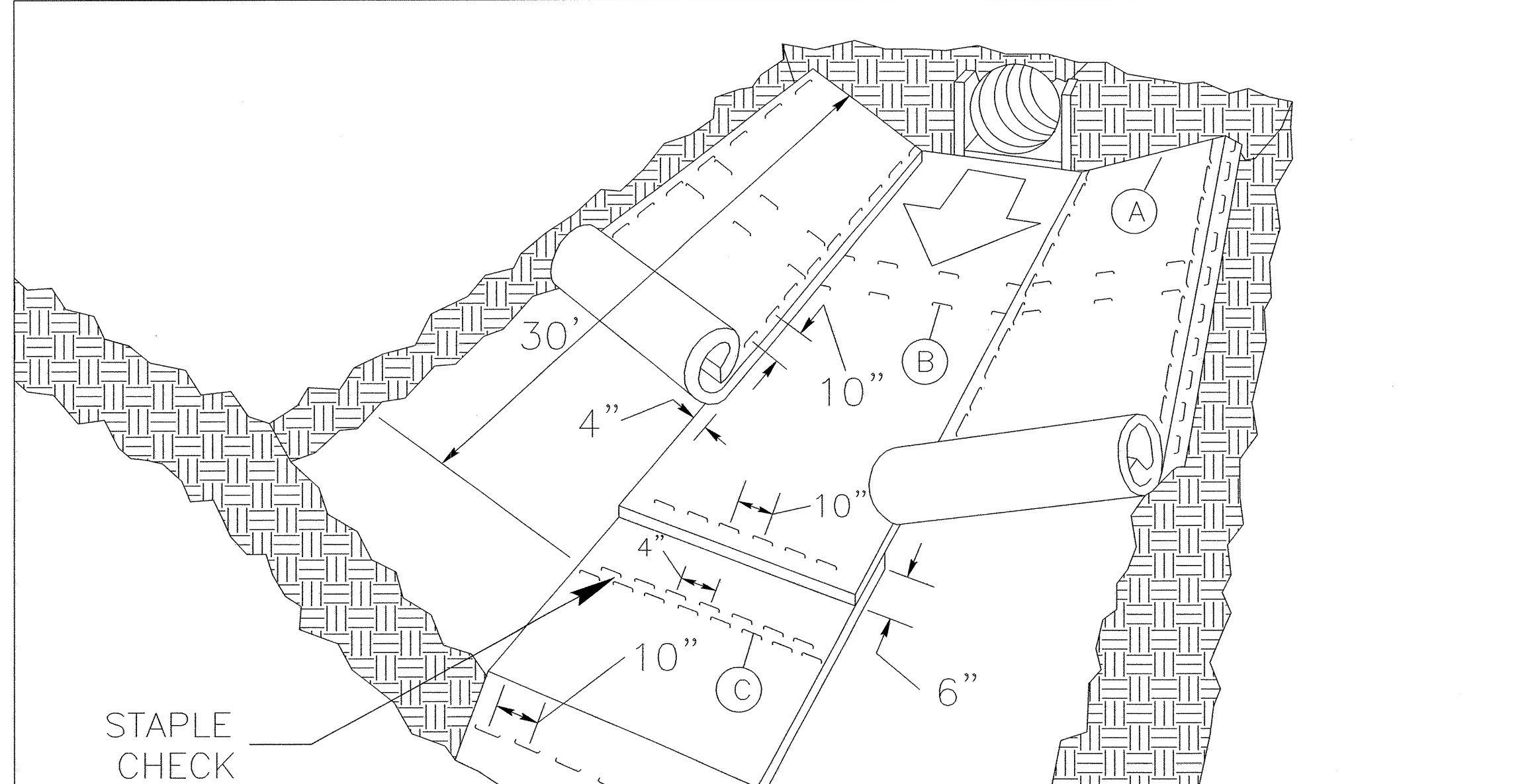
Prepared in the Office of:
ROADSIDE ENVIRONMENTAL UNIT
1 South Wilmington St.
Raleigh, NC 27611
2006 STANDARD SPECIFICATIONS

Roadway Standard Drawings
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated July 18, 2006 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

- | | |
|--|--|
| 1605.01 Temporary Silt Fence | 1622.01 Temporary Berms and Slope Drains |
| 1606.01 Special Sediment Control Fence | 1632.03 Rock Inlet Sediment Trap Type C |
| 1607.01 Gravel Construction Entrance | 1633.01 Temporary Rock Silt Check Type A |

PROJECT REFERENCE NO. B-4694	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATTING INSTALLATION DETAIL



MATTING IN DITCHES

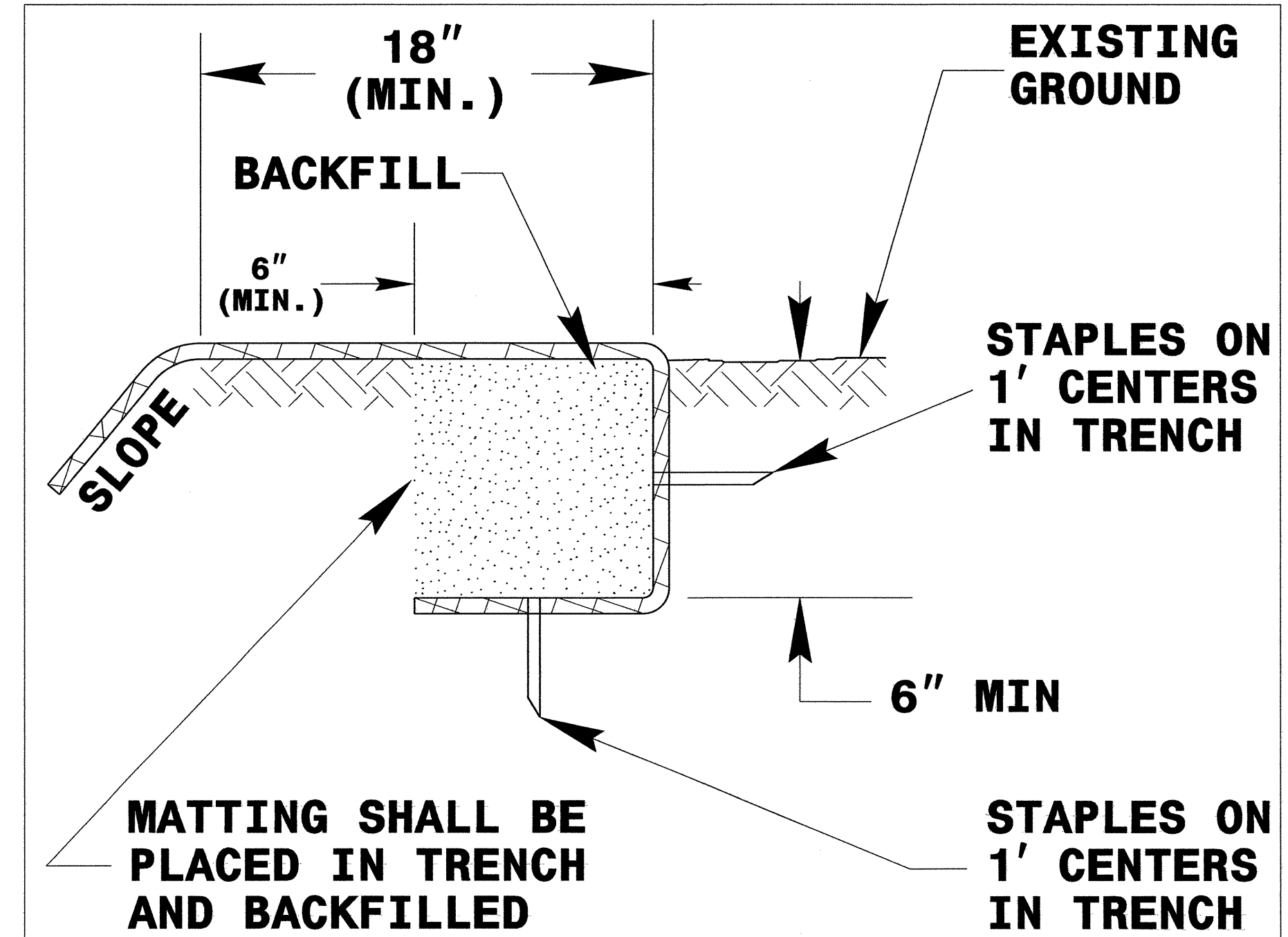
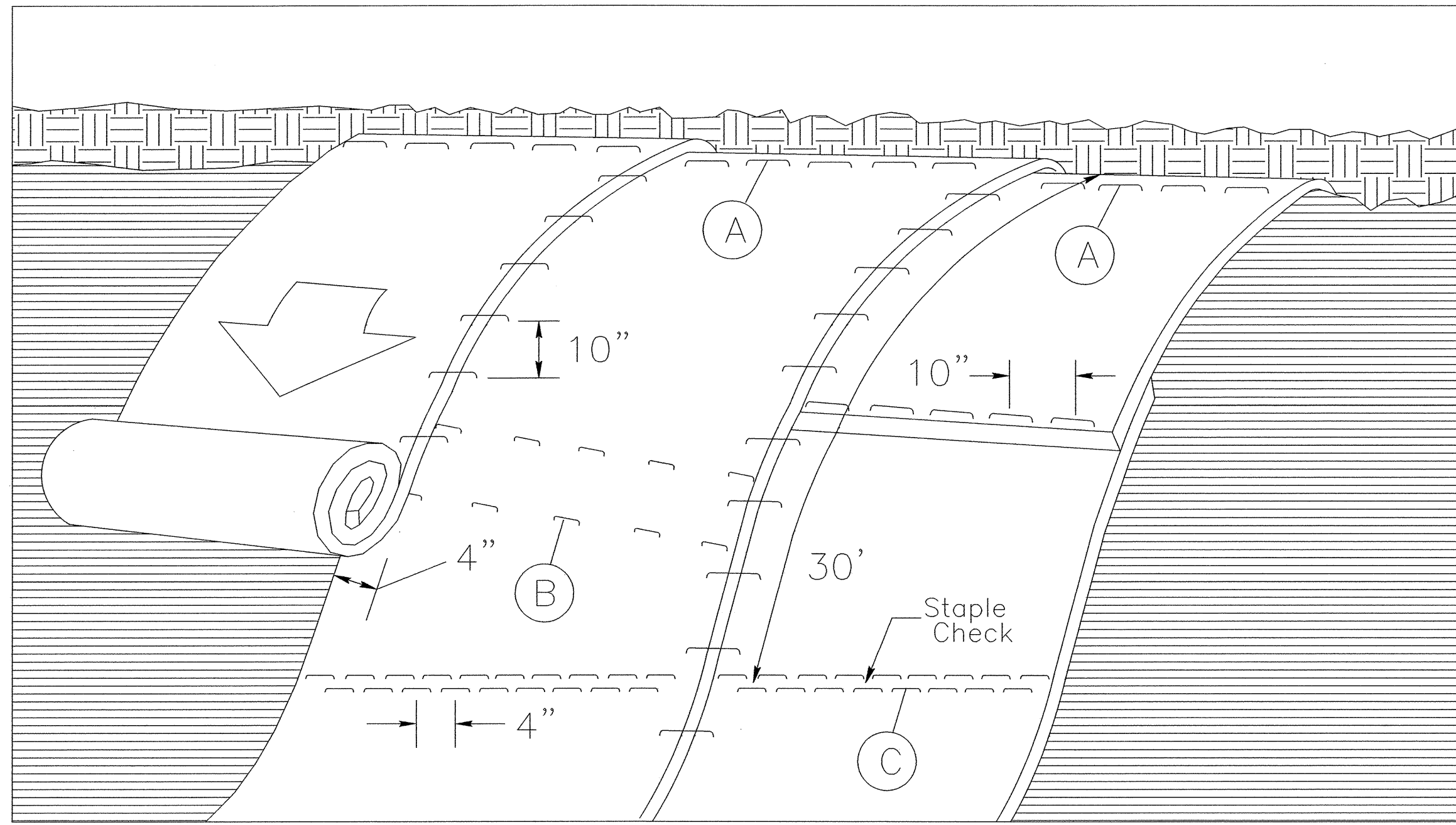


DIAGRAM (A)



MATTING ON SLOPES

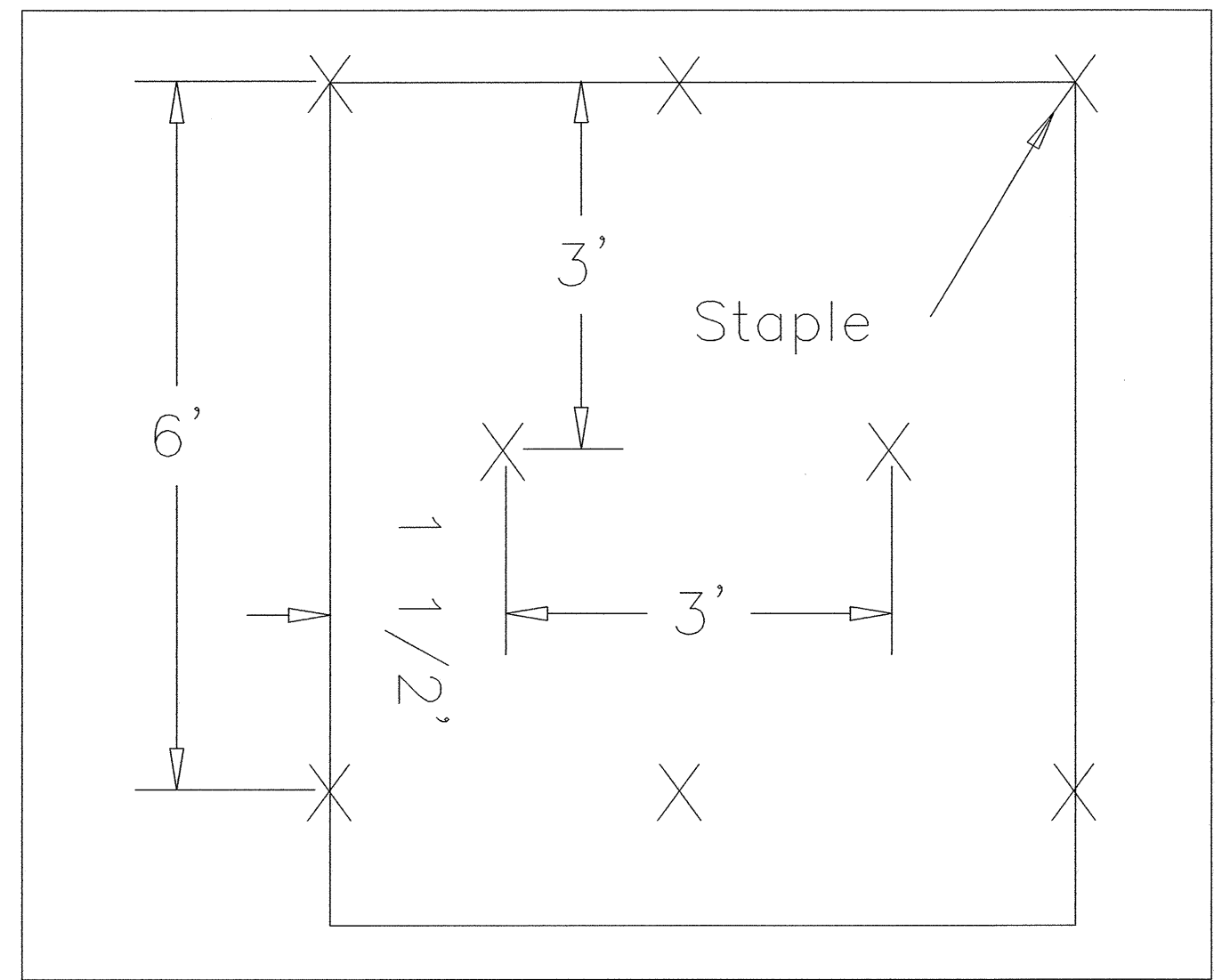


DIAGRAM (B)

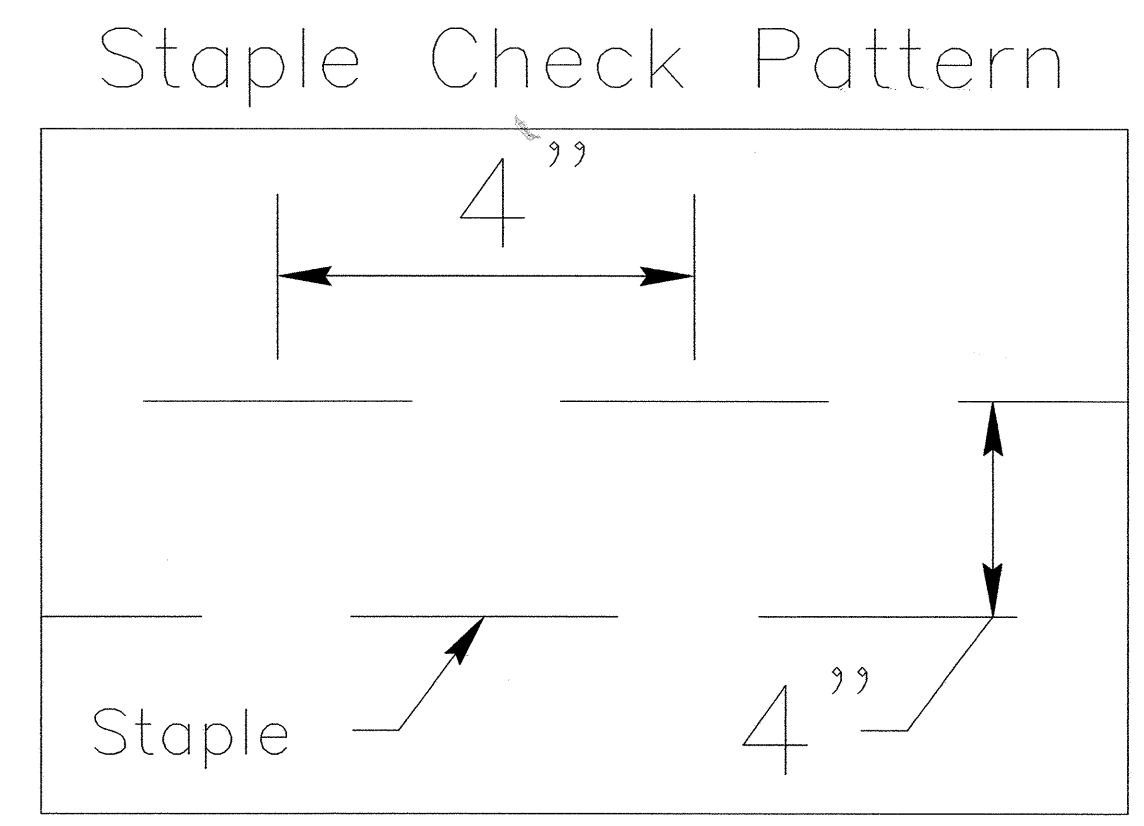


DIAGRAM (C)

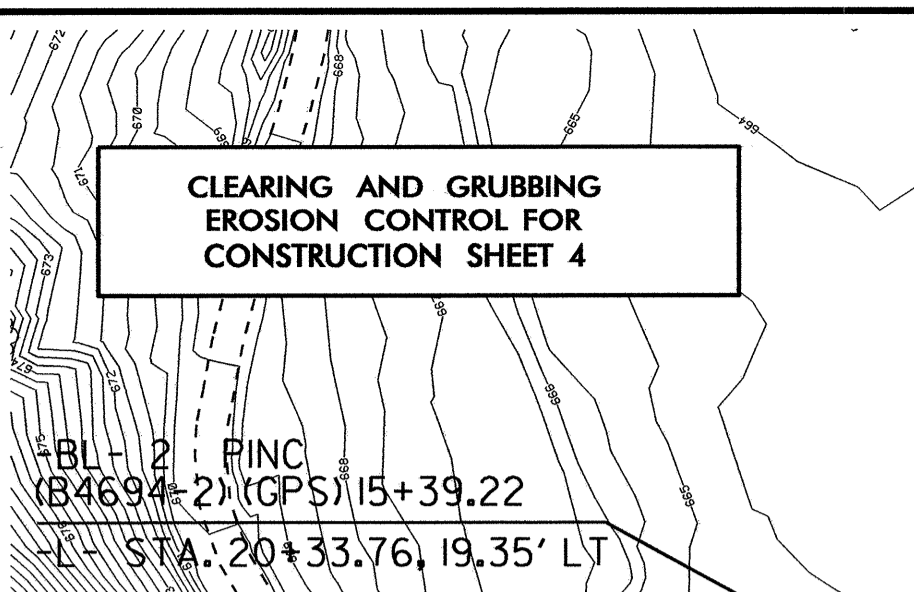
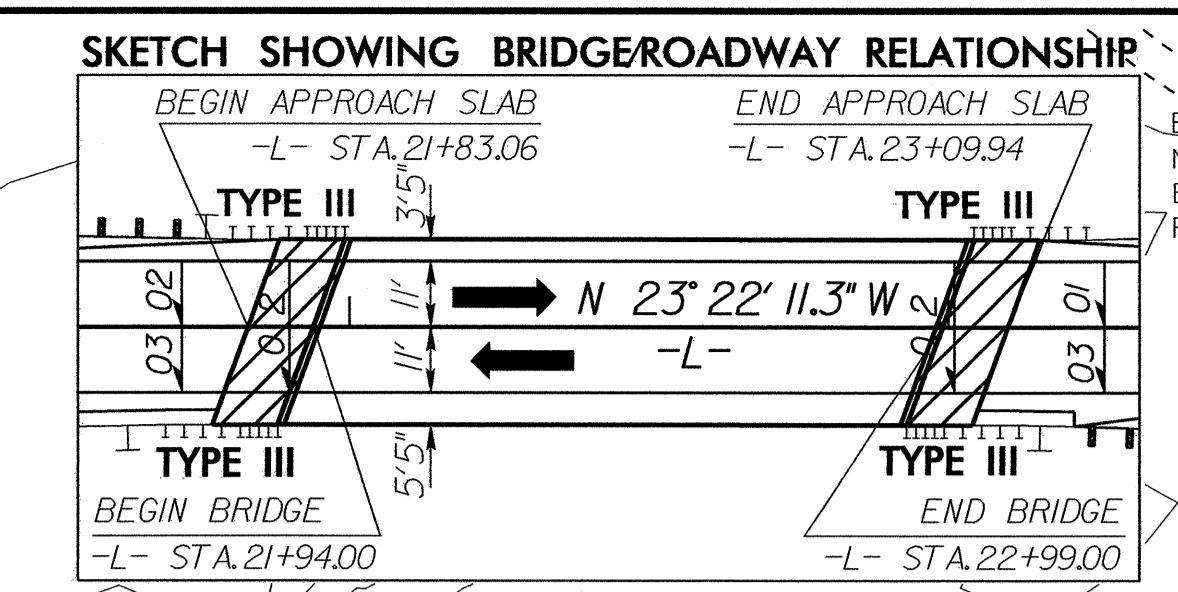
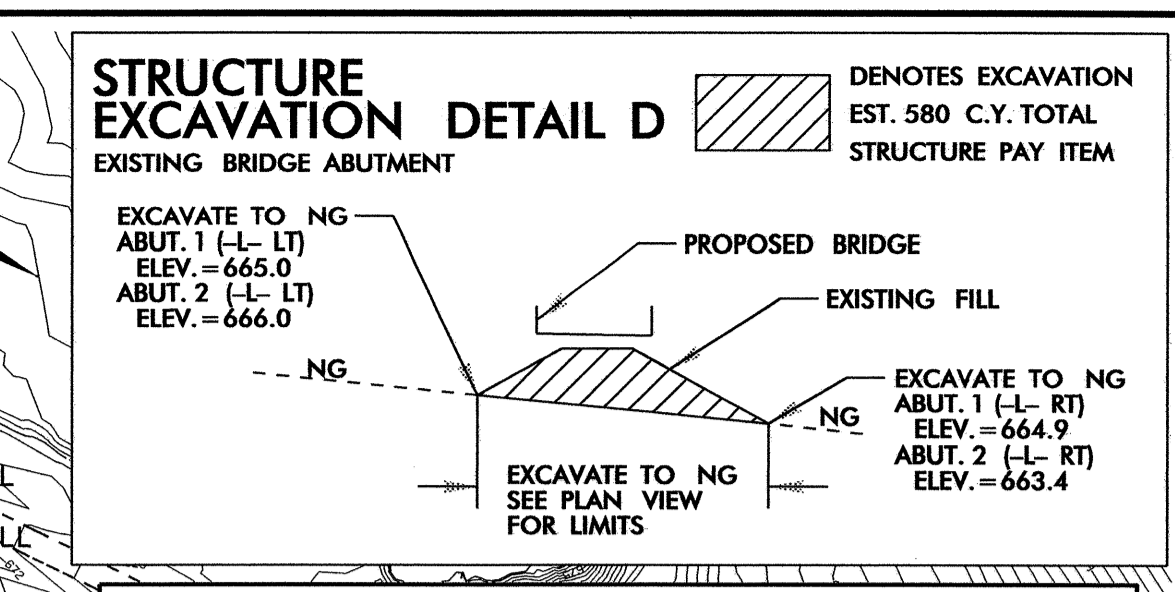
NOTES:

THIS DETAIL APPLIES TO STRAW, EXCELSIOR, AND PERMANENT SOIL REINFORCEMENT MAT (PSRM) INSTALLATION.

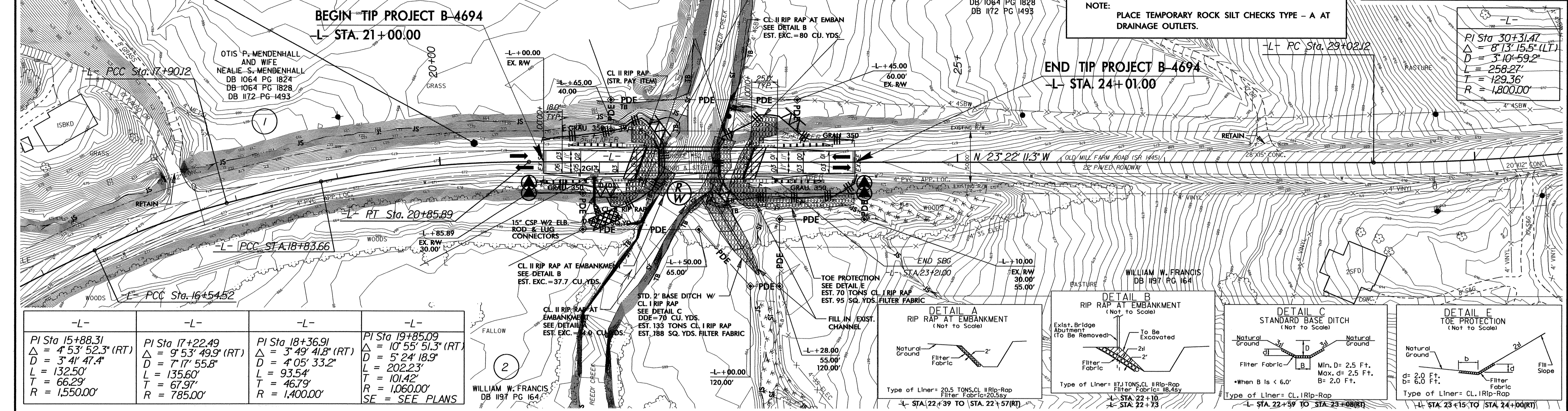
STAPLES SHALL BE NO. 11 GAUGE STEEL WIRE FORMED INTO A "U" SHAPE WITH A MINIMUM THROAT WIDTH OF 1 INCH AND NOT LESS THAN 6 INCHES IN LENGTH.

NOT TO SCALE

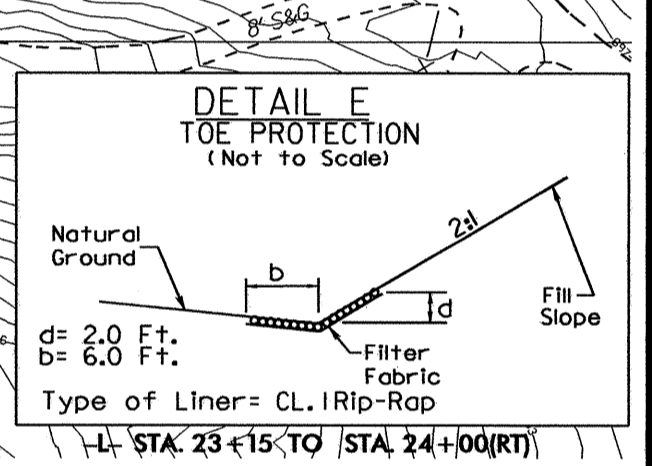
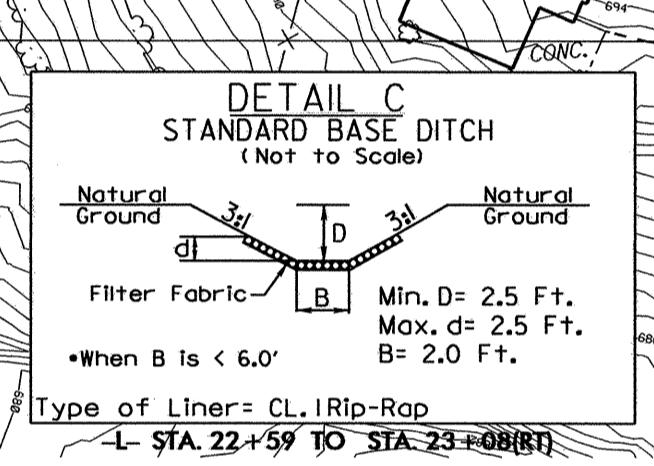
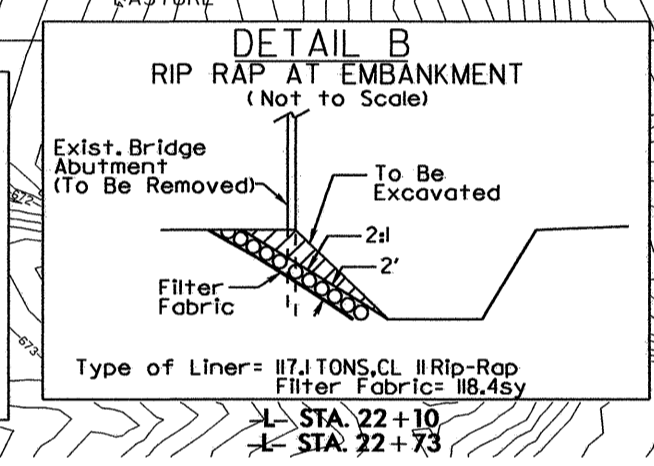
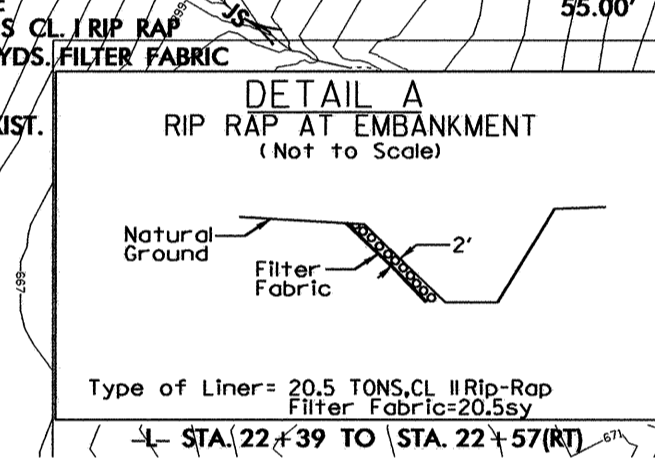
PROJECT REFERENCE NO.	SHEET NO.
B-4694	EC-03/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



B-17/99



-L-	-L-	-L-	-L-
PI Sta 15+88.31 Δ = 4° 53' 52.3" (RT) D = 3' 41' 47.4" L = 132.50' T = 66.29' R = 1,550.00'	PI Sta 17+22.49 Δ = 9° 53' 49.9" (RT) D = 7' 17' 55.8" L = 135.60' T = 67.97' R = 785.00'	PI Sta 18+36.91 Δ = 3° 49' 41.8" (RT) D = 4' 05' 33.2" L = 93.54' T = 46.79' R = 1,400.00'	PI Sta 19+85.09 Δ = 10° 55' 51.3" (RT) D = 5' 24' 18.9" L = 202.23' T = 101.42' R = 1,060.00' SE = SEE PLANS

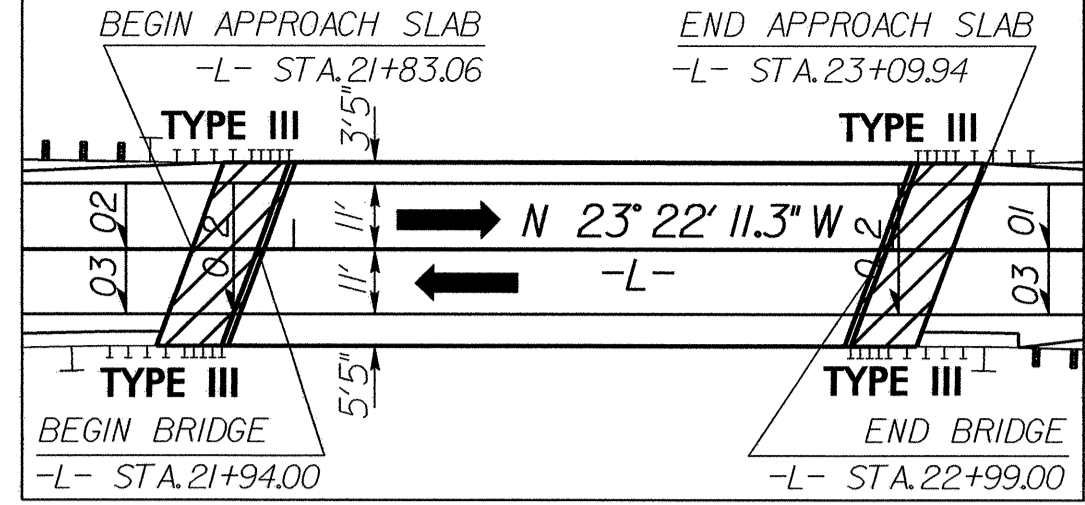


REVISIONS

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REVISIONS

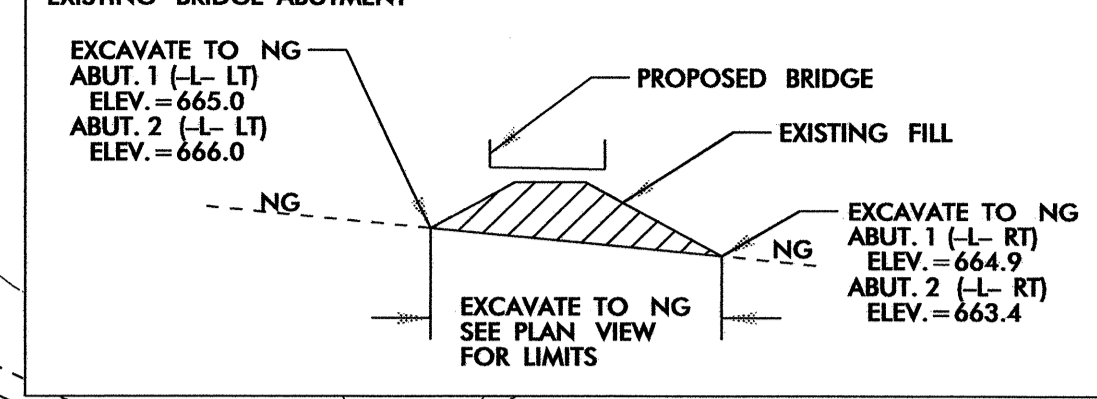
8/17/99

SKETCH SHOWING BRIDGEROADWAY RELATIONSHIP



BM #2 ELEVATION = 667.57
N 78°45' E 1597.618
BL STATION 17+44 183 LEET
RAILROAD STRIKE-IN BASE OR 363 SYCAMORE TREE

STRUCTURE EXCAVATION DETAIL D



DENOTES EXCAVATION
EST. 580 C.Y. TOTAL
STRUCTURE PAY ITEM

PROJECT REFERENCE NO. B-4694	SHEET NO. EC-04/CONST.04
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-BL- 2 PINC
(B4694-2) (GPS) 15+39.22
-L- STA. 20+33.76, 19.35' LT

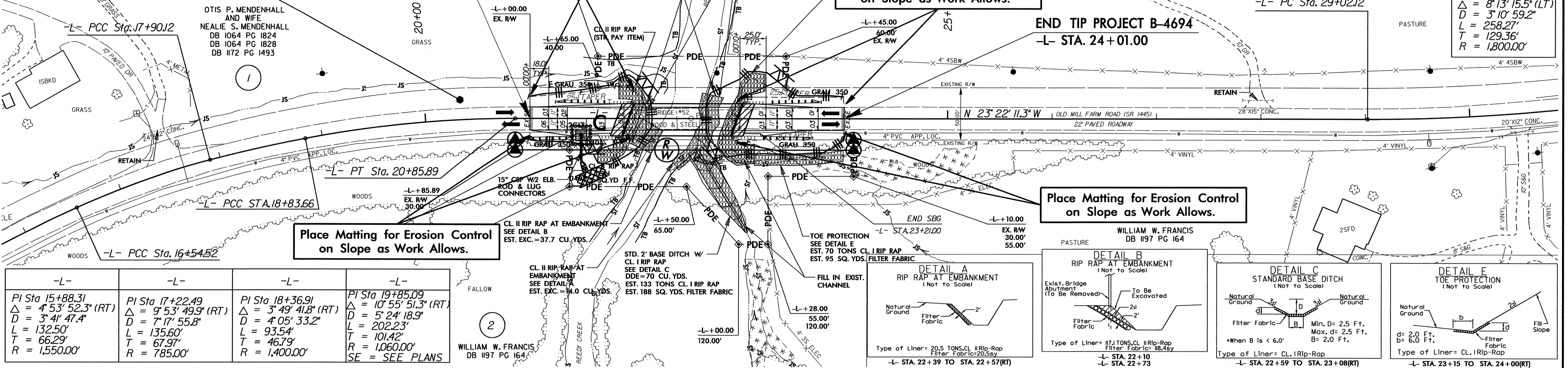
BEGIN TIP PROJECT B-4694
-L- STA. 21+00.00

Place Matting for Erosion Control
on Slope as Work Allows.

Place Matting for Erosion Control
on Slope as Work Allows.

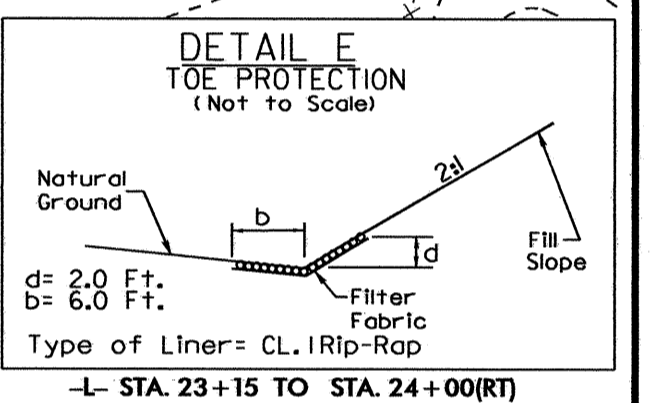
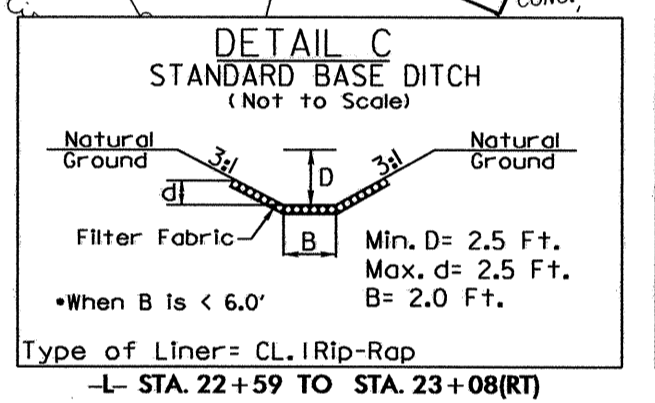
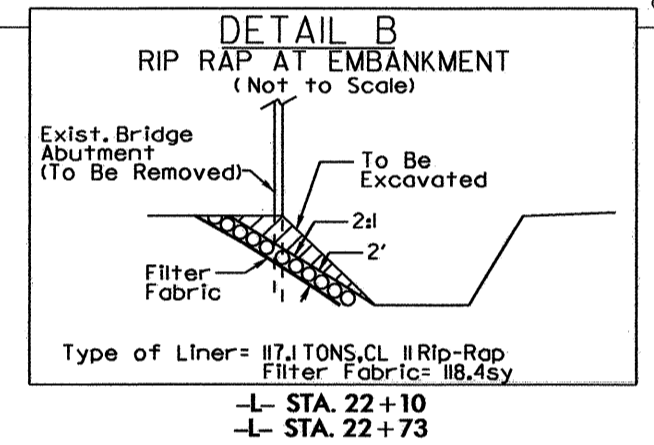
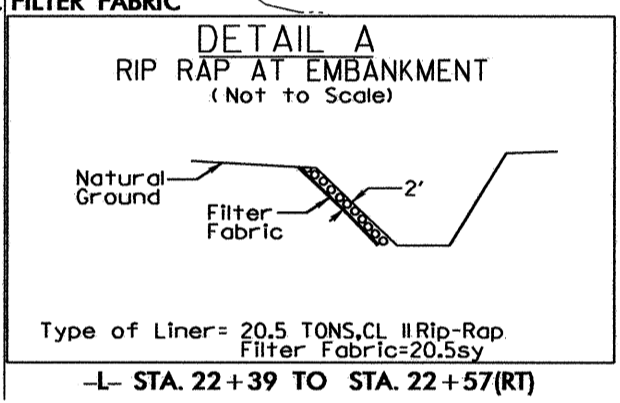
END TIP PROJECT B-4694
-L- STA. 24+01.00

-L-
PI Sta 30+31.47
Δ = 8'13" 15.5' (LT)
D = 3'10" 59.2"
L = 258.27'
T = 129.36'
R = 1,800.00'



-L- PI Sta 15+88.31 Δ = 4'53" 52.3" (RT) D = 3'41" 47.4" L = 132.50' T = 66.29' R = 1,550.00'	-L- PI Sta 17+22.49 Δ = 9'53" 49.9" (RT) D = 7'17" 55.8" L = 135.60' T = 67.97' R = 785.00'	-L- PI Sta 18+36.91 Δ = 3'49" 41.8" (RT) D = 4'05" 33.2" L = 93.54' T = 46.79' R = 1,400.00'	-L- PI Sta 19+85.09 Δ = 10'55" 51.3" (RT) D = 5'24" 18.9" L = 202.23' T = 101.42' R = 1,060.00' SE = SEE PLANS
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WILLIAM W. FRANCIS
DB 1197 PG 164



REVISIONS

22-JUL-2011 12:31
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REVISIONS