PROJECT: U-2306A

TIP No.

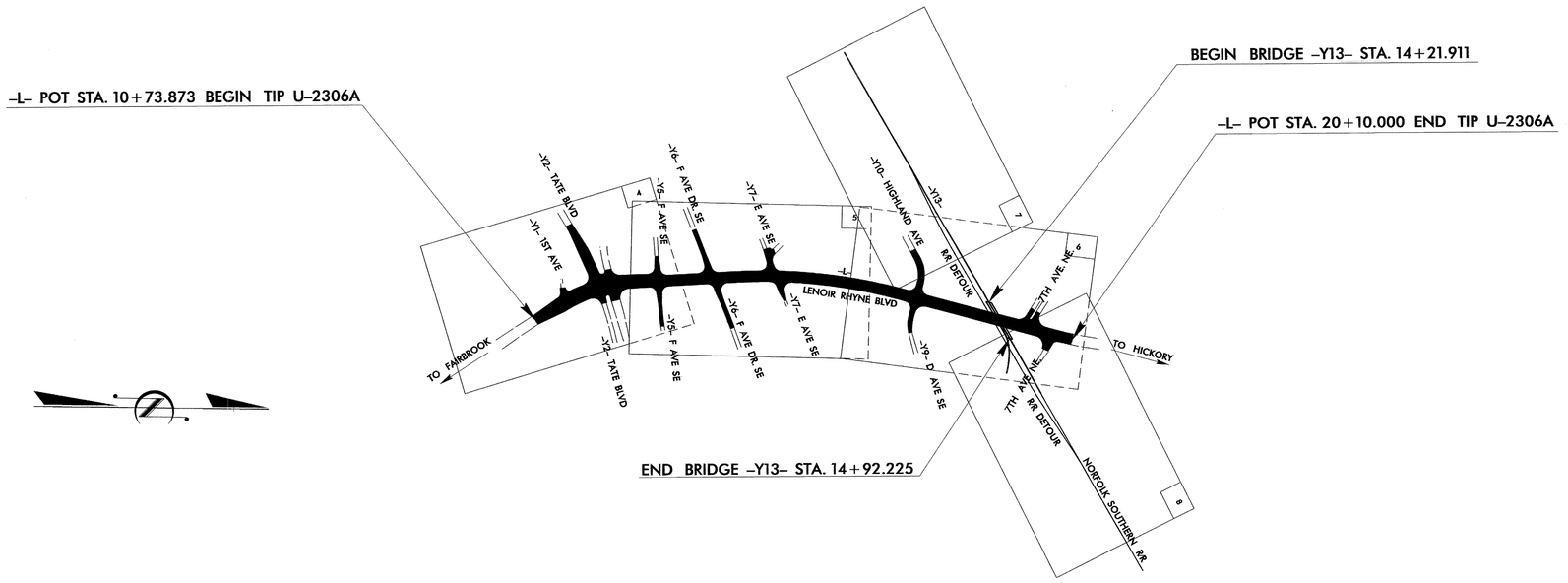
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

CATAWBA COUNTY

LOCATION: HICKORY – LENOIR RHYNE BLVD. EXTENSION FROM TATE BLVD. TO 7TH AVE. NE.

TYPE OF WORK: WIDENING, GRADING, DRAINAGE, PAVING, STRUCTURES, SIGNALS, SIGNING AND TRACKWORK



METRIC

ALL DIMENSIONS IN THESE PLANS ARE IN METERS UNLESS OTHERWISE SHOWN

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-2306A	EC-1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

EROSION AND SEDIMENT CONTROL MEASURES

Sed. #	Description	Symbol
	Streambank Reforestation	
1630.03	Temporary Silt Ditch	TSD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.01	Riser Basin	
1630.02	Silt Basin Type B	
1633.01	Temporary Rock Silt Check Type-A	
1633.02	Temporary Rock Silt Check Type-B	
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	
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	
	Tiered Skimmer Basin	

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

GRAPHIC SCALE

0
PLANS
0
PROFILE (HORIZONTAL)
0
PROFILE (VERTICAL)

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

2002 STANDARD SPECIFICATIONS

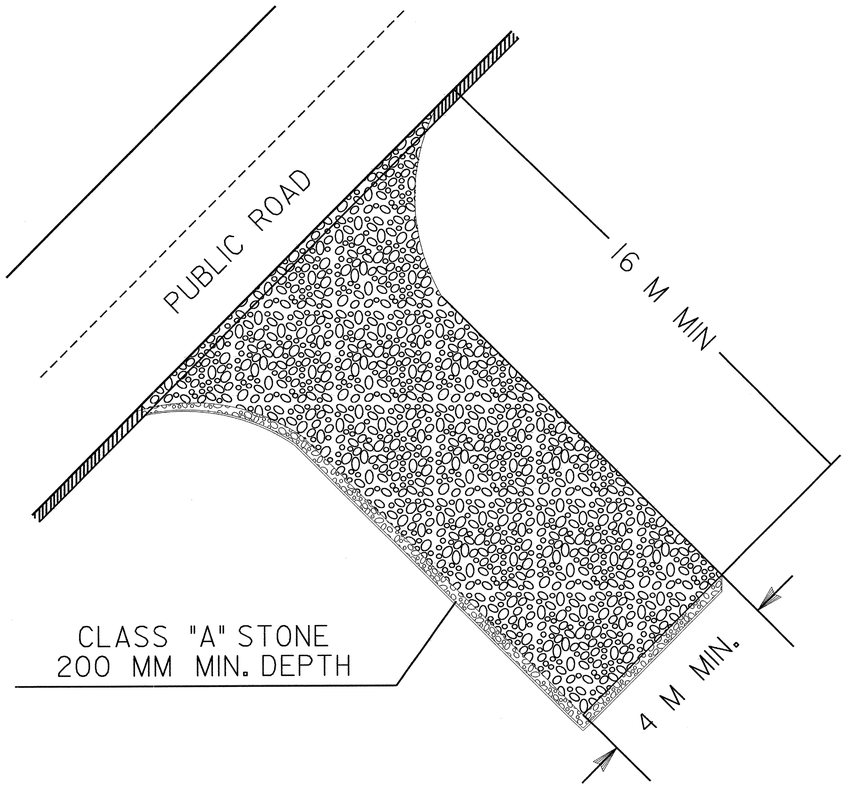
Roadway Standard Drawings

The following roadway metric standards as appear in "Roadway Standard Drawings"– Roadway Design Unit – N. C. Department of Transportation – Raleigh, N. C., dated January 20, 2002 and the latest revison 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
1630.02 Silt Basin Type B
1630.03 Temporary Silt Ditch
1632.03 Rock Inlet Sediment Trap Type C
1633.01 Temporary Rock Silt Check Type A
1633.02 Temporary Rock Silt Check Type B
1635.01 Rock Pipe Inlet Sediment Trap Type A
1635.02 Rock Pipe Inlet Sediment Trap Type B

METRIC	PROJECT REFERENCE NO.	SHEET NO.
	U-2306A	EC-2
	R /W SHEET NO.	
	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



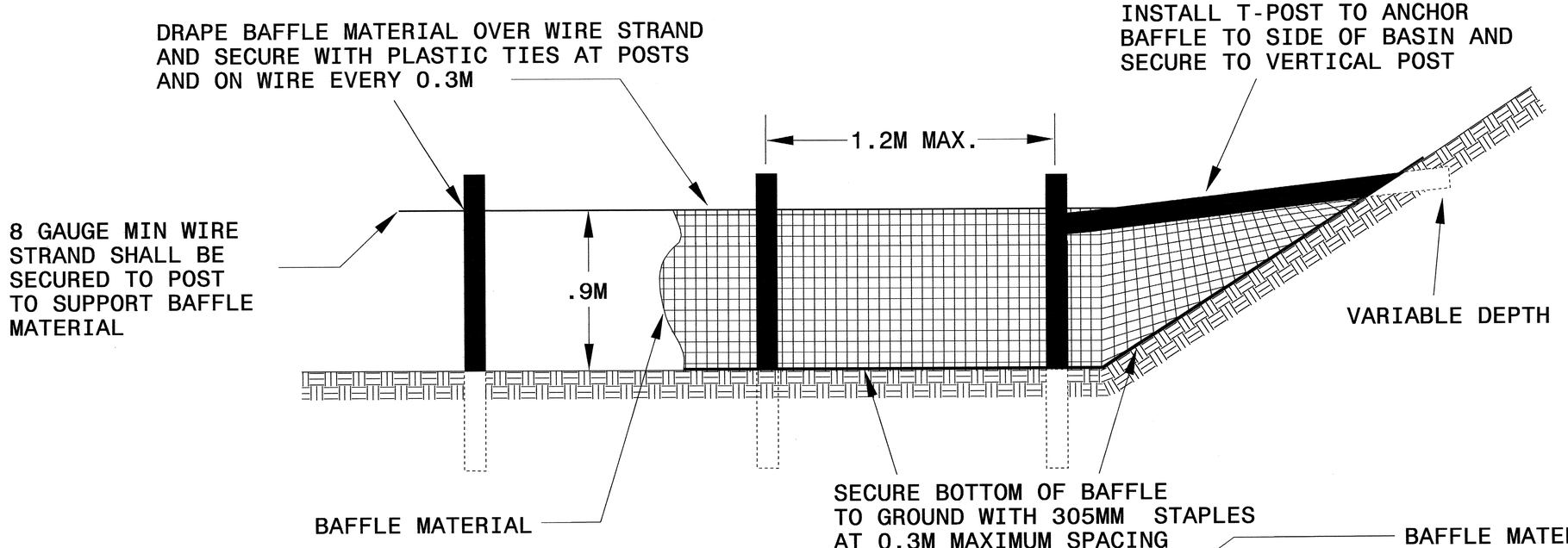
NOTES:

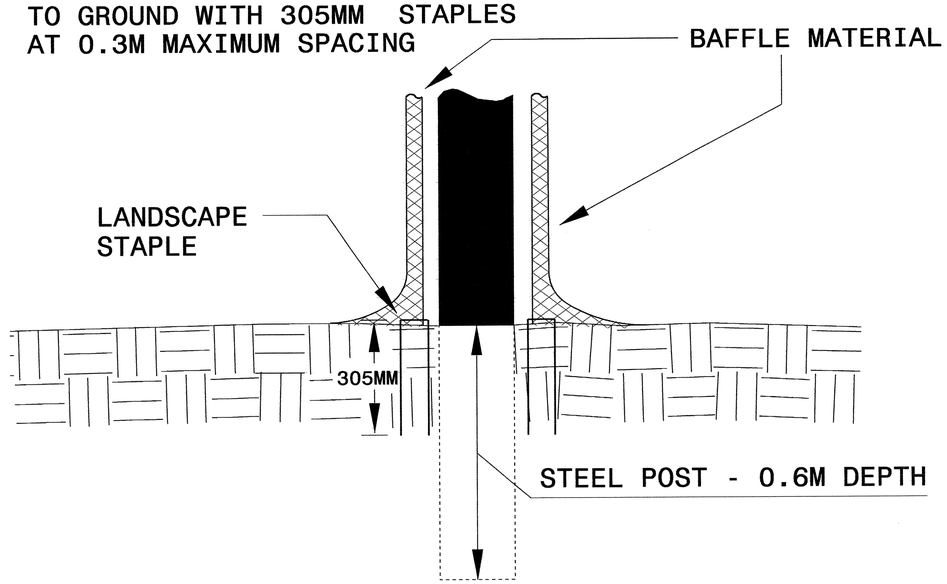
1. TURNING RADIUS SUFFICIENT TO ACCOMODATE LARGE TRUCKS SHALL BE PROVIDED.
2. ENTRANCE(S) SHOULD BE LOCATED TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
3. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
4. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
5. GRAVEL CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE MUST BE PROVIDED.
6. NUMBER AND LOCATION OF CONSTRUCTION ENTRANCES TO BE DETERMINED BY THE ENGINEER

NOTE: FILTER FABRIC TO BE PLACED BENEATH STONE

METRIC	PROJECT REFERENCE NO.	SHEET NO.
	U-2306A	EC-2A
	R /W SHEET NO.	
	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

COIR FIBER BAFFLE DETAIL



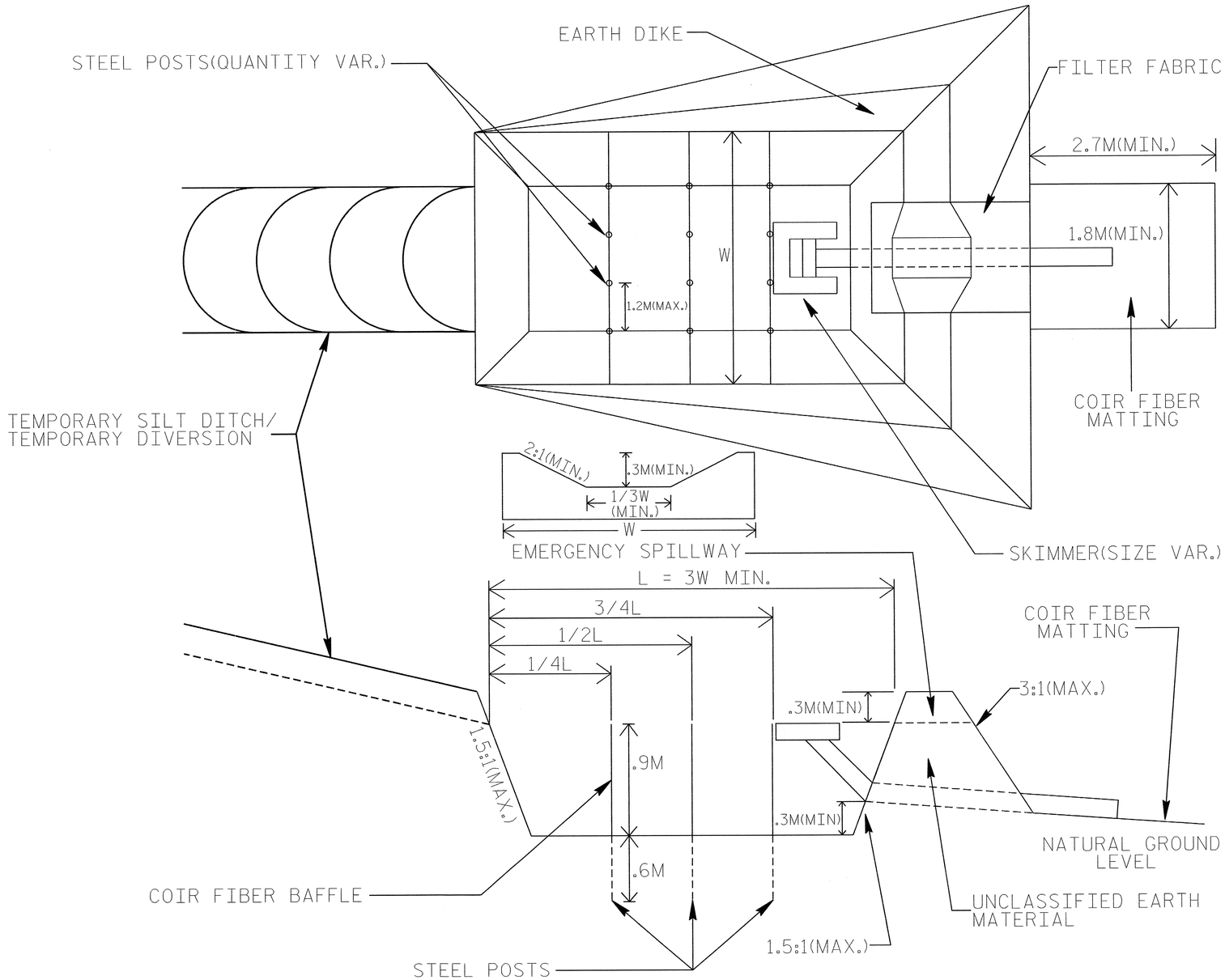


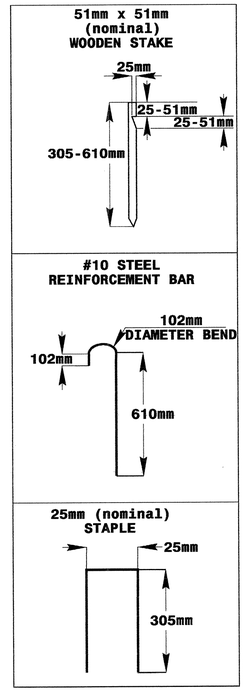
BAFFLE MATERIAL SHALL BE SECURED TO THE BOTTOM AND SIDES OF BASIN USING 305MM LANDSCAPE STAPLES

NOTE: INSTALL THREE(3) COIR FIBER BAFFLES IN SILT BASINS AT DRAINAGE OUTLETS WITH A SPACING OF 1/4 THE BASIN LENGTH. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS LESS THAN 6 M IN LENGTH WITH A SPACING OF 1/3 THE BASIN LENGTH.

SKIMMER BASIN WITH BAFFLES DETAIL

METRIC	PROJECT REFERENCE NO.	SHEET NO.
	U-2306A	EC-2B
	R /W SHEET NO.	
	ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



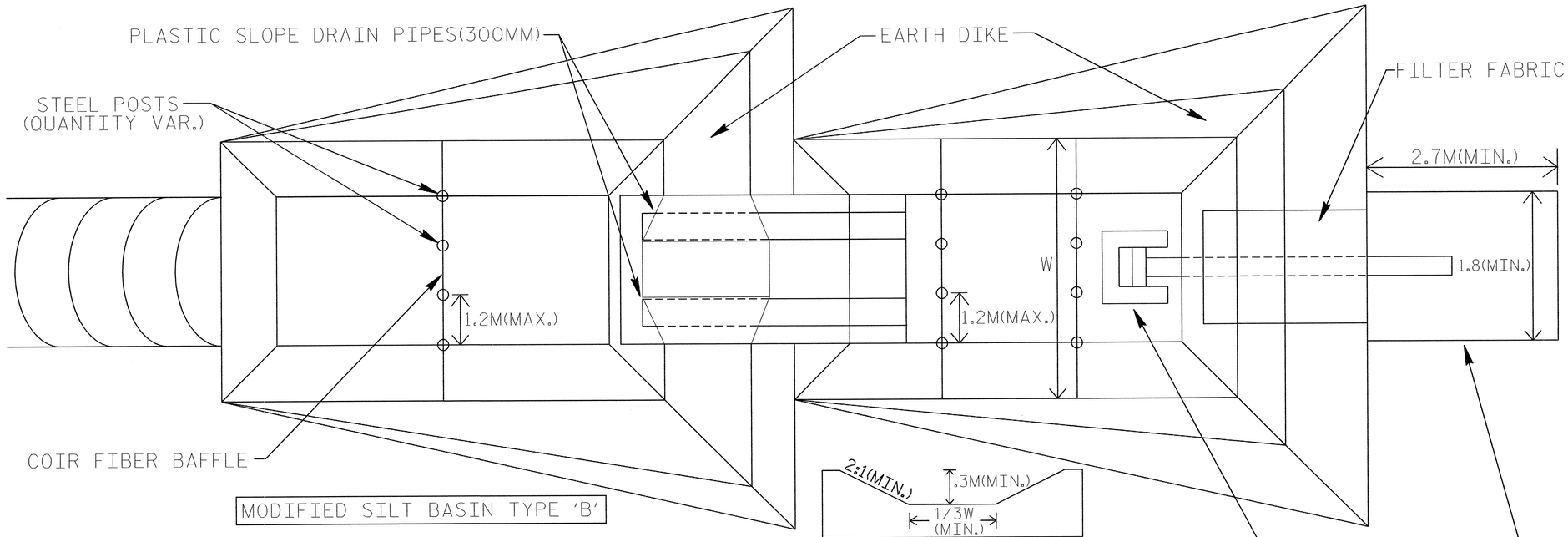


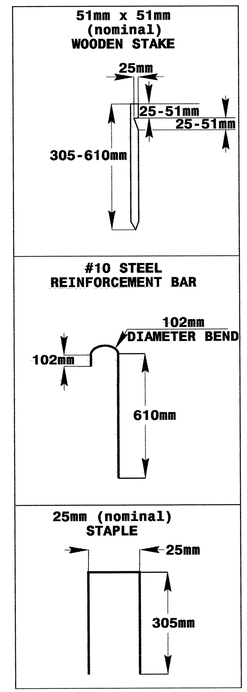
COIR FIBER MAT ANCHOR OPTIONS

METRIC

PROJECT REFERENCE NO.	SHEET NO.
U-2306A	EC-2C
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TIERED SKIMMER BASIN DETAIL





COIR FIBER MAT ANCHOR OPTIONS

NOTE

ADDITIONAL MODIFIED SILT BASINS TYPE 'B' MAY BE NEEDED DEPENDING ON SLOPE.

PROJECT REFERENCE NO.	SHEET NO.
U-2306A	EC-3
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

STATE OF NORTH CAROLINA

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SM)
5	-Y6-	11+60	12+15	LT	175
6	-L-	16+02	16+40	RT	170
5	-Y6-	10+75	11+07	LT	165
				SUBTOTAL	510
MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER					1455
				TOTAL	1965
				SAY	2000

MATTING FOR EROSION CONTROL

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SM)

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.

PROJECT REFERENCE NO.	SHEET NO.
U-2306A	EC-04/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CONST.REV.

R/W REV.

BEGIN PROJECT U-2306A
-L- POT Sta. 10+73.873
BEG.CONSTRUCTION
-Y2- POS Sta.11+21.082
-Y2- SC Sta.11+40.424
-Y1- POT Sta.10+00.000
BEGIN CONSTRUCTION
-Y1- POT Sta.10+55.000
-L- POT Sta.10+00.000
-L- PC Sta.11+27.626
-Y1- POT Sta.10+92.147=
-L- POC Sta.11+29.337
-L- POC Sta.11+94.96=
-Y2- POC Sta.12+37.46
-Y2- STA.12+85.000
END CONSTRUCTION
-L- POC Sta.11+94.962=
-Y2- POC Sta.12+37.461
-L- PT Sta.12+40.542
MATCHLINE SEE SHEET 5 -L- STA 12+66.383
N 28° 01' 30.9" W
UNIFORM TAPER 50M LT.& RT.
50m UNIFORM TAPER LT.& RT.
95m UNIFORM TRANSITION TO STA 12+75
125mm CONCRETE ISLAND
PAINTED ISLAND
LENOIR RHYNE BLVD
2ND AVE SE
TRUSTEES OF CLINTON CHAPEL METHODIST CHURCH A.M.E.ZION CHURCH IN AMERICA
TRUSTEES OF CLINTON TABERNACLE
FRED & ANNIE CORNWELL
JAMES TARLTON CONSTRUCTION L.L.C.
BOB HULLET REALTY, INC.
JAMES P.PETREE
KATIE SUDDETH
CECIL & VIOLA BUMGARNER
LOYD BUMGARNER
MADELINE MITCHELL
SIMPSON BUMGARNER
RUTH HAROLD
WALTER & EVA THOMPSON
BROOKS & MINNIE GILES
BLAKE L.WATTS
GILBERT & LOUISE GRIER
CATAWBA COUNTY
BLAKE L.WATTS,SR.
ULA BUMGARDNER & FRANK BOAT
AUDREY JOHNSTON
JOE L.RANKIN
ULA & ESTER BUMGARNER
OTIS & ANNIE WISE
CATHERINE MORRISON
MARY MORRISON
INTER-FAITH HOUSING DEVELOPMENT CORP. OF HICKORY
JAMES RENDLEMAN
WILLIAM & ALICE WORKMAN
RANSOM & MABEL JENKINS
JAMES & DOROTHY KILLIAN
GUY W. LONG III & MARY M. DOBBIN
BOBBY C. THOMPSON & GLENN E. RHONEY
FANNIE PINKSTON
JONNY & ROSIE PARKER
LA PROPERTIES A N C GENERAL PARTNERSHIP
CLASSTINE T.SLOAN
REPLACE CB WITH TBJB
RETAIN & ADJUST LID
REMOVE
GRADE TO DRAIN


PROJECT REFERENCE NO. U-2306A
SHEET NO. EC-05/CONST.05
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
METRIC
CONST.REV.
R/W REV.
DETAIL A
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground
Front Ditch Slope
4:1 or Flatter
Min. D=0.45 m
FROM STA 11+60 TO STA 12+15 -Y6- LT.
DETAIL B
LATERAL BASE DITCH
(Not to Scale)
Natural Ground
Fill Slope
Min. D = 0.45 m
b = 0.60 m
B = 0.60 m
FROM STA 10+75 TO STA 11+07 -Y6- LT.
DETAIL C
TOE PROTECTION
(Not to Scale)
Natural Ground
Fill Slope
Filter Fabric
d = 0.45 m
Type of Liner = CL. "B" RIP RAP
FROM STA 14+03 TO STA 14+30 -L- LT.
DETAIL E
LATERAL BASE DITCH
(Not to Scale)
Natural Ground
Fill Slope
Filter Fabric
Min. D = 0.3 M
Max. d = 1.0 M
B = 0.6 M
b = 0.6 M
Type of Liner = CLASS B RIP RAP
FROM STA. 15+91 TO STA. 16+02 -L- RT.
BEGIN CONSTRUCTION -Y7- POT STA. 10+80
BEGIN CONSTRUCTION -Y5- POT STA. 10+90
BEGIN CONSTRUCTION -Y6- POT STA. 10+40
END CONSTRUCTION -Y7- POT STA. 11+75
END CONSTRUCTION -Y5- POC STA. 12+10.000
END CONSTRUCTION -Y6- POC STA. 12+20
-L- POT Sta. 13+41.988 = DR.1 POT Sta. 10+00
-L- PC Sta. 14+27.704
DR.1 PC Sta. 10+25.663
DR.1 PT Sta. 10+42.308
TOE PROTECTION SEE DET. C EST. 15 TONS CLASS B RIP RAP, EST. 30 SM F.F.
LAT. BASE DITCH SEE DET. B DDE 75 M3
SPECIAL CUT DITCH SEE DETAIL A
CLASS 'B' RIP RAP 4.5 TONS 11.7 SM FF
CLASS 'B' RIP RAP 12.5 TONS 22.5 S.M. FF
GRADE TO DRAIN
REMOVE EXIST. GRATE & FRAME REPLACE W/ STD. 840.16
9 x 3 x 1 50 Skimmer with 26 mm Orifice Diameter 2 m weir ID 4.1
11 x 4 x 1 50 mm Skimmer with 50 mm Orifice Diameter 2 m weir (See Tiered Skimmer Basin Detail) ID 4.2
Modified Silt Basin Type 'B' 11 x 4 x 1 (See Tiered Skimmer Basin Detail) ID 4.2
NARROW SKIMMER BASIN INLET TO FIT WITHIN EASEMENT LIMITS
MATCHLINE SEE SHEET 4 -L- STA 12+66.383
MATCHLINE SEE SHEET 6 -L- STA 16+38.523
CENTEL CELLULAR COMPANY
MORETZ MILLS, INC.
ROSIE MAE CONNOR
GARFIELD CONNOR
GRACE M. KANIPE
RICHARD G. SIPE & WILLIAM E. BURTON, JR.
FLORINE & THELMA HUFFMAN
BETTY H. SHELL
BUILDING SYSTEMS OF CATAWBA
DUMONDE INC.
JACK SIPE CONSTRUCTION
FRANKLIN ROSS JONES
STANLEY & JEAN MESSICK
R.G. SIPE & WILLIAM E. BURTON, JR. & WAYNE R. KIRBY
ROBERT FAMBROUGHT
EVA JENNINGS
SIPE - KIRBY PARTNERSHIP RICHARD G. SIPE & JAMIE H. KIRBY
WAYNE REAVIS KIRBY & HARRY E. MONK
GRACE M. KANIPE
VANDA R. WILLIAMS & DONNA W. WILLLIAMS
WILLIAM LEWIS FAMBROUGH DB 1824 PG 1476-1477
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 05
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.
08-FEB-2007 10:14

PROJECT REFERENCE NO.	SHEET NO.
U-2306A	EC-06/CONST.06
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5 0 10

CONST.REV.

R /W REV.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 06

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.

MATCHLINE SEE SHEET 7

MATCHLINE SEE SHEET 5 -L- STA 16+38.523

MATCHLINE SEE SHEET 8 -L- STA 20+23.215

MATCHLINE SEE SHEET 8

BEG.CONSTRUCTION -Y10- POT Sta.10+00.000

-Y10- POT Sta.13+12.437

-Y10- PC Sta.10+14.09

BEGIN BRIDGE -Y13- 14+21.911

END PROJECT U-2306A -L- POT Sta.20+10.000

-L- PT Sta.17+06.878

-Y10- PT Sta.10+59.899

-Y9- PC Sta.10+36.497

BEG.CONSTRUCTION -Y9- POC Sta.10+60

-Y9- PT Sta.10+64.750

-Y9- POT Sta.10+96.053

-L- POT Sta.17+37.50=

-Y10- POT Sta.10+86.106

-Y9- POT Sta.10+00.000

-L- POT STA.18+83.139=

-Y13- POT STA.14+57.318

END BRIDGE -Y13- STA.14+92.225

-L- PCSta.19+82.905

-Y13- POT Sta.15+61.163

DESIGN EXCEPTION FOR VERTICAL CLEARANCE ON RAILROAD STRUCTURE AT -Y13-

OBLITERATION OF EXIST. ROAD

PROPOSED CURB & GUTTER

TAPER CURB TO BE TO (NEW) EXIST. CB

DETAIL D
LATERAL 'V' DITCH
(Not to Scale)

Natural Ground 2:1 D 2:1 b 8% Fill Slope

Min. D = 0.45 m
b = 1.5 m

FROM STA 16+02 TO STA 16+40 -L- RT.

NOTE: ACCESS WILL BE CLOSED.

METRIC
PROJECT REFERENCE NO. U-2306A
SHEET NO. EC-07/CONST.04
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
CONST.REV.
R/W REV.
5 0 10
BEG. CONSTRUCTION
-Y2- POS Sta.11+21.082
-Y2- SC Sta.11+40.424
-Y1- POT Sta.10+00.000
BEGIN CONSTRUCTION
-Y1- POT Sta.10+55.000
BEGIN PROJECT U-2306A
-L- POT Sta. 10+73.873
-L- POT Sta.10+00.000
-L- PT Sta.12+40.542
MATCHLINE SEE SHEET 5 -L- STA 12+66.383
-L- PC Sta.11+27.626
-Y1- POT Sta.10+92.147=
-L- POC Sta.11+29.337
-L- POC Sta.11+94.96=
-Y2- POC Sta.12+37.46
-L- POC Sta.11+94.962=
-Y2- POC Sta.12+37.461
-Y2- STA.12+85.000
END CONSTRUCTION
95m UNIFORM TRANSITION TO STA 12+75
UNIFORM TAPER 50M LT.& RT.
50m UNIFORM TAPER LT. & RT.
N 28° 01' 30.9" W
N 1° 36' 41.6" E
125mm CONCRETE ISLAND
PAINTED ISLAND
REPLACE CB WITH TBJB
REPLACE WITH TBJB
RETAIN & ADJUST LID
REMOVE
NOTE: AT TIME OF FIELD INVESTIGATION PO CABLE DOES NOT CONTINUE PAST THIS (TS) MH
NO ASSOCIATED PIPING FOUND FOR THIS WM.
LENOIR RHYNE BLVD
2ND AVE SE
INTER-FAITH HOUSING DEVELOPMENT CORP. OF HICKORY
MARY MORRISON
CATHERINE MORRISON MARY MORRISON
OTIS & ANNIE WISE
ULA & ESTER BUMGARNER
JOE L.RANKIN
AUDREY JOHNSTON
TRUSTEES OF CLINTON CHAPEL METHODIST CHURCH A.M.E.ZION CHURCH IN AMERICA
FRED & ANNIE CORNWELL
BOB HULLET REALTY,INC.
JAMES TARLTON CONSTRUCTION LLC.
CECIL & VIOLA BUMGARNER
LOYD BUMGARNER
MADELINE MITCHELL
SIMPSON BUMGARNER
RUTH HAROLD
WALTER & EVA THOMPSON
TRUSTEES OF CLINTON TABERNACLE
JAMES P.PETREE
KATIE SUDDETH
ULA BUMGARNER & FRANK BOAT
BLAKE L.WATTS
BLAKE L.WATTS,SR.
BROOKS & MINNIE GILES
GILBERT & LOUISE GRIER
CATAWBA COUNTY
GUY W. LONG III & MARY M. DOBBIN
BOBBY C. THOMPSON & GLENN E. RHONEY
JAMES RENDLEMAN
WILLIAM & ALICE WORKMAN
RANSOM & MABEL JENKINS
JAMES & DOROTHY KILLIAN
FANNIE PINKSTON
JOHNY & ROSIE PARKER
LA PROPERTIES A N C GENERAL PARTNERSHIP
CLASSTINE T.SLOAN


PROJECT REFERENCE NO. U-2306A
SHEET NO. EC-08/CONST.05
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
METRIC
CONST.REV.
R/W REV.
DETAIL A
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground
Front Ditch Slope
4:1 or Flatter
Min. D=0.45m
FROM STA 11+60 TO STA 12+15 -Y6- LT.
DETAIL B
LATERAL BASE DITCH
(Not to Scale)
Natural Ground
Fill Slope
Min. D = 0.45 m
b = 0.60 m
B = 0.60 m
FROM STA 10+75 TO STA 11+07 -Y6- LT.
DETAIL C
TOE PROTECTION
(Not to Scale)
Natural Ground
Fill Slope
Filter Fabric
d= 0.45 m
Type of Liner= CL. "B" RIP RAP
FROM STA 14+03 TO STA 14+30 -L- LT.
DETAIL E
LATERAL BASE DITCH
(Not to Scale)
Natural Ground
Fill Slope
Filter Fabric
Min. D = 0.3 M
Max. d = 1.0 M
B = 0.6 M
b = 0.6 M
Type of Liner = CLASS B RIP RAP
FROM STA. 15+91 TO STA. 16+02 -L- RT.
BEGIN CONSTRUCTION -Y5- POT STA. 10+90
BEGIN CONSTRUCTION -Y6- POT STA. 10+40
BEGIN CONSTRUCTION -Y7- POT STA. 10+80
END CONSTRUCTION -Y5- POC STA. 12+10.000
END CONSTRUCTION -Y6- POC STA. 12+20
END CONSTRUCTION -Y7- POT STA. 11+75
-L- POT Sta.13+41.988= DR.1 POT Sta.10+00
-L- PC Sta.14+27.704
DR.1 PC Sta.10+25.663
DR.1 PT Sta.10+42.308
LAT.BASE DITCH SEE DET. B DDE 75 M3
8 x 3 x 1 ID 5.3
TOE PROTECTION SEE DET. C EST. 15 TONS CLASS B RIP RAP. EST. 30SM F.F.
SPECIAL CUT DITCH SEE DETAIL A
CLASS 'B' RIP RAP 4.5 TONS 11.7 SM FF
CLASS 'B' RIP RAP 12.5 TONS 22.5 S.M. FF
LAT. "V" DITCH SEE DETAIL D DDE 30 M3
9 x 3 x 1 50 Skimmer with 26 mm Orifice Diameter 2 m weir ID 4.1
NARROW SKIMMER BASIN INLET TO FIT WITHIN EASEMENT LIMITS
11 x 4 x 1 50 mm Skimmer with 50 mm Orifice Diameter 2 m weir (See Tiered Skimmer Basin Detail) ID 4.2
Modified Silt Basin Type 'B' 11 x 4 x 1 (See Tiered Skimmer Basin Detail) ID 4.2
REMOVE EXIST. GRATE & FRAME REPLACE W/ STD. 840.16
REMOVE FRAME & GRATE, FILL W/ CRUSH & RUN
COLLAR & EXTEND 375
TIE TO EX. DI
GRADE TO DRAIN
MATCHLINE SEE SHEET 4 -L- STA 12+66.383
MATCHLINE SEE SHEET 6 -L- STA 16+38.523
CENTEL CELLULAR COMPANY
MORETZ MILLS,INC.
ROSIE MAE CONNOR
GARFIELD CONNOR
RICHARD G.SIPE & WILLIAM E.BURTON,JR.
GRACE M. KANIPE
FLORINE & THELMA HUFFMAN
BETTY H.SHELL
BUILDING SYSTEMS OF CATAWBA
DUMONDE INC.
JACK SIPE CONSTRUCTION
FRANKLIN ROSS JONES
STANLEY & JEAN MESSICK
ROBERT FAMBROUGHT
SIPE - KIRBY PARTNERSHIP RICHARD G.SIPE & JAMIE H.KIRBY
R.G.SIPE & WILLIAM E.BURTON,JR.& WAYNE R.KIRBY
WAYNE REAVIS KIRBY & HARRY E.MONK
EVA JENNINGS
VANDA R.WILLIAMS & DONNA W.WILLIAMS
WILLIAM LEWIS FAMBROUGH DB 1824 PG 1476-1477
09-FEB-2007 10:15


METRIC
PROJECT REFERENCE NO.
SHEET NO.
U-2306A
EC-09/CONST.06
R /W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
5 0 10
CONST.REV.
R /W REV.
MATCHLINE SEE SHEET 7
MATCHLINE SEE SHEET 5 -L- STA 16+38.523
MATCHLINE SEE SHEET 8 -L- STA 20+23.215
MATCHLINE SEE SHEET 8
DESIGN EXCEPTION FOR VERTICAL CLEARANCE ON RAILROAD STRUCTURE AT -Y13-
OBLITERATION OF EXIST. ROAD
END PROJECT U-2306A
-L- POT Sta.20+10.000
BEG.CONSTRUCTION
-Y10- POT Sta.10+00.000
-Y13- POT Sta.13+12.437
-Y10- PC Sta.10+14.109
-Y10- PT Sta.10+59.899
-L- PT Sta.17+06.878
-L- POT Sta.17+37.50=
-Y10- POT Sta.10+86.106
-Y9- POT Sta.10+00.000
-Y9- PC Sta.10+36.497
BEG.CONSTRUCTION
-Y9- POC Sta.10+60
-Y9- PT Sta.10+64.750
-Y9- POT Sta.10+96.053
BEGIN BRIDGE
-Y13- 14+21.911
END BRIDGE
-Y13- STA.14+92.225
-L- POT STA.18+83.139=
-Y13- POT STA.14+57.318
-Y13- POT Sta.15+61.163
-L- PCSta.19+82.905
* DETOUR MAINLINE TRACK -Y13-DET.
RAILROAD DETOUR SLOPE STAKES
NOTE: ACCESS WILL BE CLOSED.
ABANDONED EXCESS R/W
100m MEDIAN TAPER LT.& RT.
100m TRANSITION LT.& RT.
OPEN END 375mm CSP W/ELBOW DEPRESS INVERT 0.6m BELOW NATURAL GROUND
PROPOSED CURB & GUTTER
TAPER CURB TO TIE TO (NEW) EXIST. CB
TIE PROPOSED C & G TO EXISTING C & G AT EXISTING CB
TIE TO EXIST. STA.20+10
REPLACE EXIST.JB WITH NEW JBW/MHL
DO NOT TO DISTURB BILLBOARD SIGNS IN THIS AREA
DO NOT TO DISTURB DURING CONSTRUCTION
DO NOT TO DISTURB SIGN
DO NOT DISTURB SAW DUST COLUMN
CONVERT CB TO JBW/MHC
REMOVE EXIST. GRATE & FRAME REPLACE W/ STD. 840.16
COLLAR & EXTEND
CLASS "B" RIP RAP 2.7 TONS 8.4 S.M. FF
CLASS "B" RIP RAP 1.8 TONS 5.9 S.M. FF
CLASS "B" RIP RAP 4.5 TONS 11.7 S.M. FF
ADJUST FILL SLOPE
JACK SIPE CONSTRUCTION DB 1223 PG 6
WESTOVER/ HIGHLAND, INC. DB 1864 PG 822
DAVID & NANCY ZAGAROLI DB 1907 PG 1192-1193
D.W.WILCOX DB 1197 PG 708
DANLEY & DOROTHY WILCOX DB 1716 PG 156
WILCOX PROPERTIES DB 1525 PG 449
PERRY & INEZ STARNES DB 1073 PG 134-135
KING HICKORY FURNITURE,CO. DB 1632 PG 959
HWS COMPANY INC.
STANLEY & JEAN MESSICK
HAROLD W.SHERRILL,JR.
DETAIL D
LATERAL 'V' DITCH
(Not to Scale)
Natural Ground
Fill Slope
Min. D= 0.45 m
b= 1.5 m
FROM STA 16+02 TO STA 16+40 -L- RT.