TAYLOR• WISEMAN & TAYLOR
ENGINEERS • SURVEYORS •PLANNERS
G.P.S.• SUBSURFACE UTILITY ENGINEERING
3500 REGENCY PARKWAY, SUITE H, CARY, N.C. 27511
TELEPHONE NO. (919)297-0085 FAX NO. (919)297-0090

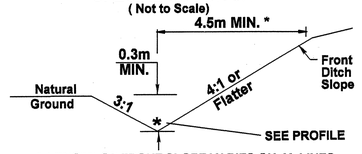
METRIC

PROJECT REFERENCE NO.	SHEET NO.
R-2514A	2E
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022393 ENGINEER JAMES H. JAKO

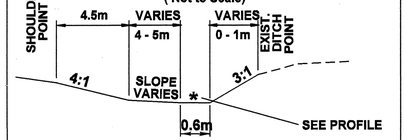
PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER RAY D. LOVINGGOOD
13 Oct 03

DITCH DETAIL 'A'
SPECIAL CUT DITCH
(Not to Scale)



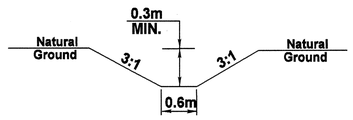
-L-: 100+60R TO 105+70R
100+85L TO 101+40L
102+60L TO 103+25L
103+34L TO 104+60L
104+80L TO 105+90L
106+10R TO 107+80R
107+90L TO 109+50L
109+80L TO 111+60L
114+60R TO 115+00R
118+00R TO 120+00R
123+40R TO 125+68R
130+20R TO 136+60R
137+80R TO 142+40R
144+20R TO 146+40R
148+00R TO 148+80R
153+60R TO 161+27R
163+40R TO 166+40R
169+25R TO 171+05R
173+60R TO 174+60R
175+40R TO 179+45R
179+60R TO 179+80R
181+80R TO 182+50R
186+00R TO 192+60R
185+70L TO 186+80L
193+00L TO 195+30L
193+00R TO 194+00R
195+60R TO 196+20R
-YA-REV 0+80R TO 1+02R
0+60L TO 0+96L
-YB- 0+50R TO 1+00R
0+22L TO 1+00L
-Y1- 0+45R TO 0+75R
-Y2- 0+80R TO 1+00R
0+30L TO 1+00L
-Y3- 0+25L TO 0+90L
-Y4- 0+30R TO 0+80R
0+40L TO 0+95L

DITCH DETAIL 'B'
SPECIAL 0.6m BASE LATERAL DITCH
(Not to Scale)



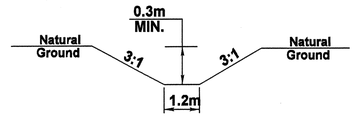
-L-: 99+60R TO 100+00R

DITCH DETAIL 'C'
0.6m BASE HEAD / TAIL DITCH
(Not to Scale)



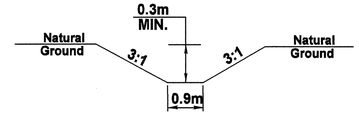
-L-: 100+46R
105+90L
114+77L
125+68L
136+06L
140+60L
140+60R
144+40L
144+40R
174+60L
176+73L

DITCH DETAIL 'D'
1.2m BASE TAIL DITCH
(Not to Scale)



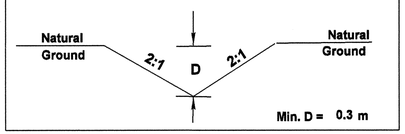
-L-: 119+57L
173+60L

DITCH DETAIL 'E'
0.9m BASE HEAD / TAIL DITCH
(Not to Scale)



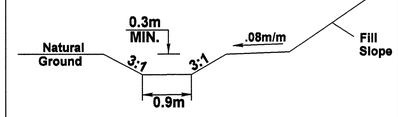
-L-: 132+60R
132+60L
163+97L
177+45L
179+27L

DETAIL 'F'
STANDARD 'V' DITCH
(Not to Scale)



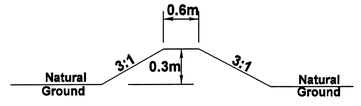
-L-: 111+85

DITCH DETAIL 'H'
LATERAL BASE DITCH
(Not to Scale)



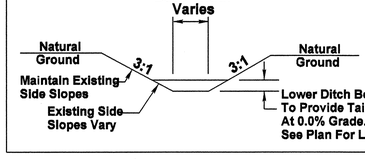
-L-: 194+20R TO 195+60R

DETAIL 'I'
EARTH DAM DETAIL
(Not to Scale)
PURPOSE: PREVENT DRAINAGE OF WETLAND DUE TO DITCH AT 123+20R.

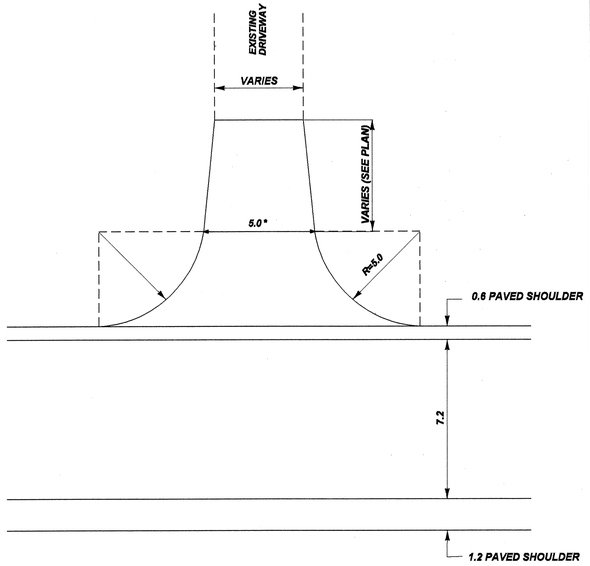


-L-: 123+20R

DETAIL 'J'
DRAINAGE DITCH CLEANOUT DETAIL
(Not to Scale)



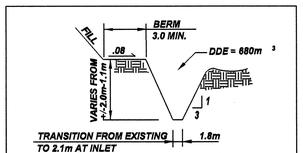
-L-: 103+25L TO 103+65L, BASE=1.2m
148+26L, BASE=0.6m
176+73L, BASE=0.6m



STANDARD DRIVEWAY DETAIL

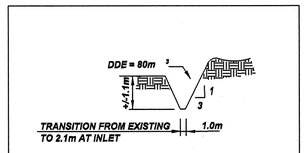
*TYPICAL FOR ALL DRIVEWAYS UNLESS OTHERWISE NOTED ON THE PLANS.

CHANNEL IMPROVEMENTS AT INLET FOR CULVERT ONE



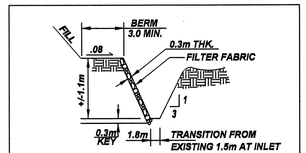
DETAIL 'K'

-L-: 112+07.7R TO 112+71R



DETAIL 'L'

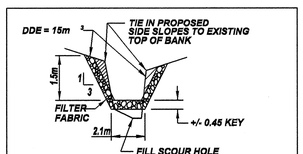
-L-: 111+79R TO 112+07.7R



DETAIL 'M'

-L-: 112+71R TO 112+77R

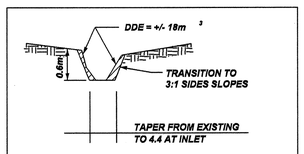
CHANNEL IMPROVEMENTS AT OUTLET FOR CULVERT ONE



DETAIL 'N'

-L-: +/- 112+07L

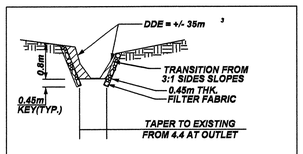
CHANNEL IMPROVEMENTS AT INLET FOR CULVERT TWO



DETAIL 'O'

-L-: +/- 161+24R

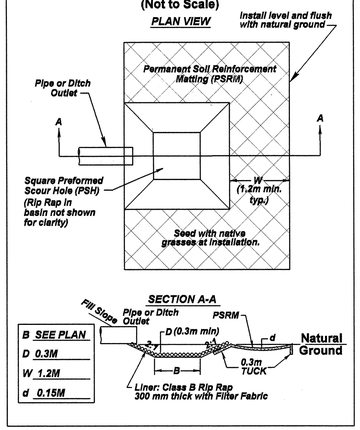
CHANNEL IMPROVEMENTS AT OUTLET FOR CULVERT TWO



DETAIL 'P'

-L-: +/- 161+40L

DETAIL "Q"
PREFORMED SCOUR HOLE WITH LEVEL SPREADER APRON
(Not to Scale)



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User: williamsm
AT WILLIAMSM