PROJECT REFERENCE NO.	SHEET NO.
U-2913B	22
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC 2.5 0 5

CONST.REV.

R/W REV.

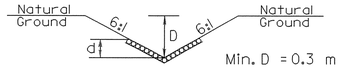
NORTH CAROLINA PROFESSIONAL SEAL 14571 ENGINEER JAMES A. SPEER — 10/20/04

NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER RAY D. LOVINGGOOD — 20 OCT 04

REVISIONS

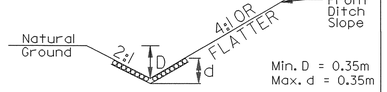
8/17/99

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



Min. D = 0.3 m
Max. d = 0.3 m
Type of Liner = PERM. SOIL REINF. MAT

DETAIL H
SPECIAL CUT DITCH
(Not to Scale)



Min. D = 0.35m
Max. d = 0.35m
Type of Liner = PERM. SOIL REINF. MAT

-Y14- STA 14+22 LT
DDE = 38 m^3

FROM -Y14- STA 15+00 LT TO STA 15+16 LT

OSYJWEWE ZYNZULU & WIFE YVELLA S. BRADSHAW
DB 5914 PG 1661
PB 57 PG 17

64

+20.000 –Y14–
15.000m (49.21')
18.000m (59.06')
29.000m (95.14')

+19.000 –Y14–
29.000m (95.14')
@ TDE
20.000m (65.62')
'V' DITCH SEE DETAIL J

+30.000 –Y14–
15.000m (49.21')

+40.000 –Y14–
23.000m (75.46')

TROY LEE YOW
DB 2762 PG 767
PB 25 PG 6

66

STEVE & MICHELLE BEST
DB 3719 PG 347

65

+60.000 –Y14–
19.000m (62.34')

@ EXIST. R/W
28.000m (91.86')

@ PROP. R/W
18.000m (59.06')

+02.000
15.000m (49.21')
TYPICAL CUT DITCH WITH PSRM SEE DETAIL G

160m LANE TRANSITION

30m TAPER

RETAIN

GRADE TO DRAIN

CL B RIPRAP
EST. 5 TONS
EST. 12 SM FABRIC

SPECIAL CUT DITCH SEE DETAIL H

END 750mm C & G
–Y14– STA. 14+40.000

REMOVE

S 84°13'44.6" E –Y14–

SR 1424 HILLTOP RD BST

CL B RIPRAP
EST. 2 TONS
EST. 6 SM FABRIC

1200 mm WD RAIL

BLK WALL

TELEPHONE BOXES

PLUG AND FILL FULL WITH FLOWABLE GROUT

FOR DETAIL SEE SHEET 2-V & 2-W

200m LANE TRANSITION

160m TAPER

TYPICAL CUT DITCH WITH PSRM SEE DETAIL G

200mm X 300mm CURB & GUTTER –Y14– STA. 14+07.000 TO STA. 14+18.430
RETAINING WALL –Y14– STA. 14+06.000 TO STA. 14+20.000

END 750mm C & G
END 1.5m CONC. SIDEWALK
–Y14– STA. 14+40.000
+20.000 –L–
24.000m (78.74')

+40.000 –Y14–
17.000m (55.77')
@ EXIST. R/W
16.000m (52.49')

BASE DITCH SEE DETAIL I

CL B RIPRAP
EST. 10 TONS
EST. 24 SM FABRIC

+40.000 –Y14–
16.000m (52.49')

+50.000 –Y14–
@ EXIST. R/W

11m INC. TYPICAL

END CONST.
–Y14– STA. 15+50.000

+38.784
3.917m LT

+12.880
4.489m LT

15+00

14+00

MATCH-LINE –Y14– STA. 14+00 SEE SHEET 21

MATCH-LINE SEE SHEET 23

69 CLIFTON FIELDS
DB 1695 PG 674
PB 25 PG 6

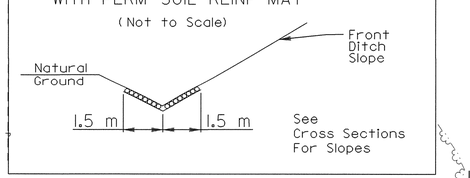
DANIEL W. & FAYE P. VADEN
DB 2659 PG 178
PB 25 PG 6

68 RICHARD CATES
DB 2658 PG 765
PB 25 PG 6

67 SUSAN FLANIGAN AND HUSBAND ANTHONY ANDREWS-SPEED
DB 5183 PG 438

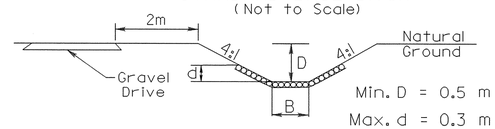
50 UNITARIAN UNIVERSALIST CHURCH OF GREENSBORO
DB 4360 PG 1985

DETAIL G
TYPICAL CUT DITCH
WITH PERM SOIL REINF MAT
(Not to Scale)



FROM -Y14- STA 14+43 LT TO STA 15+00 LT
FROM -Y14- STA 14+30 RT TO STA 15+48 RT

DETAIL I
STANDARD BASE DITCH
(Not to Scale)



Min. D = 0.5 m
Max. d = 0.3 m
B = 0.9 m
Type of Liner = PERMANENT SOIL REINFORCEMENT MAT

-Y14- STA 15+50 RT
L = 86m, SLOPE = 2.24 %
DDE = 240 m^3

PAINT STRIPING

SEE SHEET 38 FOR –Y14– PROFILE

NOTE: FINAL LIFT OF 35mm S9.5C FROM –Y14– STA. 14+20 TO STA. 15+50 WILL BE PLACED UNDER THE U-3612 PROJECT.

19-OCT-2004 15:11
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DWGardner
ATT RD212399

RD212399 Tuesday October 19 2004 u2913bs22 DWGardner rd-07oce34