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8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-3620	17
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 25873 ENGINEER GARY R. LOVERING
DocuSigned by: Gary Lovering 4/3/2014
DFD76F34A6BD425...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22000 ENGINEER GALEN CAIL
DocuSigned by: Galen Cail 4/7/2014
D275B26E60EC454...

-Y1- CURVE DATA

PI Sta 21+01.40
△ = 53° 51' 27.2" (RT)
D = 3° 57' 05.2"
L = 1,362.99'
T = 736.54'
R = 1,450.00'

-Y2- CURVE DATA

PI Sta 12+48.58
△ = 63° 43' 07.1" (RT)
D = 14° 19' 26.2"
L = 444.84'
T = 248.58'
R = 400.00'

PI Sta 15+39.12
△ = 50° 28' 38.2" (LT)
D = 28° 38' 52.4"
L = 176.20'
T = 94.28'
R = 200.00'

NAD 83

DETAIL B
LATERAL 'V' DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, b, 1'/Ft., Fill Slope
Min. D=1.0 Ft.
b=2.0 Ft.

FROM STA. TO STA.
-Y2- 10+50 LT TO 16+00 LT
-Y2- 14+00 RT TO 16+00 RT

DETAIL C
LATERAL BASE DITCH
(Not to Scale)
Natural Ground, 3:1, D, 3:1, b, 1'/Ft., B, Fill Slope
Min. D=1.0 Ft.
B=5.0 Ft.
b=2.0 Ft.

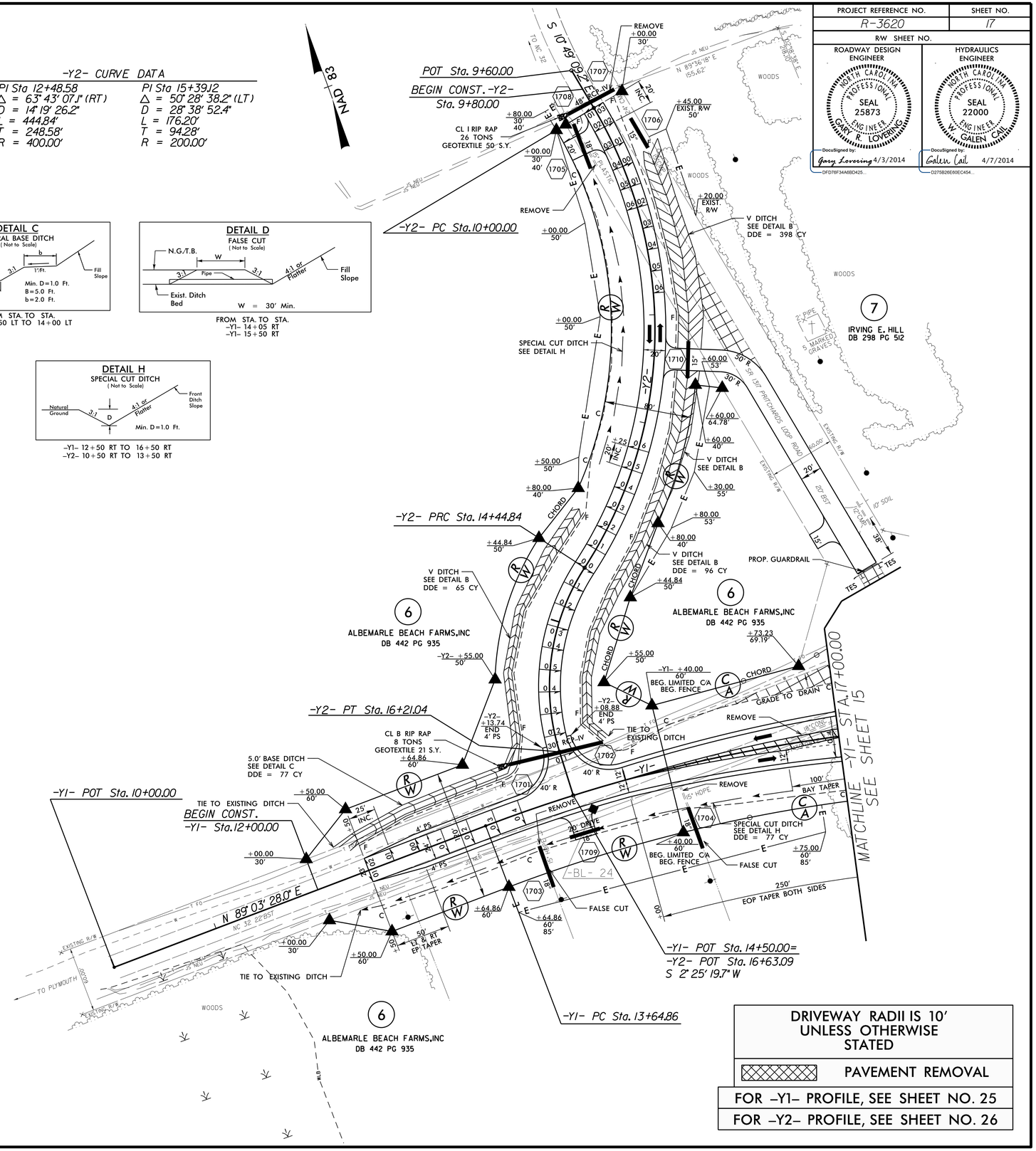
FROM STA. TO STA.
-Y1- 12+50 LT TO 14+00 LT

DETAIL D
FALSE CUT
(Not to Scale)
N.G./T.B., W, 3:1, Pipe, 3:1, 4:1 or Flatter, Fill Slope, Exist. Ditch Bed
W = 30' Min.

FROM STA. TO STA.
-Y1- 14+05 RT
-Y1- 15+50 RT

DETAIL H
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground, 3:1, D, 4:1 or Flatter, Front Ditch Slope
Min. D=1.0 Ft.

-Y1- 12+50 RT TO 16+50 RT
-Y2- 10+50 RT TO 13+50 RT



DRIVEWAY RADII IS 10' UNLESS OTHERWISE STATED

PAVEMENT REMOVAL

FOR -Y1- PROFILE, SEE SHEET NO. 25

FOR -Y2- PROFILE, SEE SHEET NO. 26

17-MAR-2014 14:53
R:\Roadway\Proj\R3620_Rdy_psh_17.dgn
$$$$USERNAME$$$$