PROJECT REFERENCE NO.	SHEET NO.
R-3620	15
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 25873 ENGINEER GARY R. LOVERING
DocuSigned by: Gary Lovering 5/1/2014
DFD76F34A6BD425...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22000 ENGINEER W. GALEN CAIL
DocuSigned by: Galen Cail 5/6/2014
D275B26E60EC454...

FOR –L– PROFILE, SEE SHEET NO. 24
FOR –Y1– PROFILE, SEE SHEET NO. 26

PAVEMENT REMOVAL

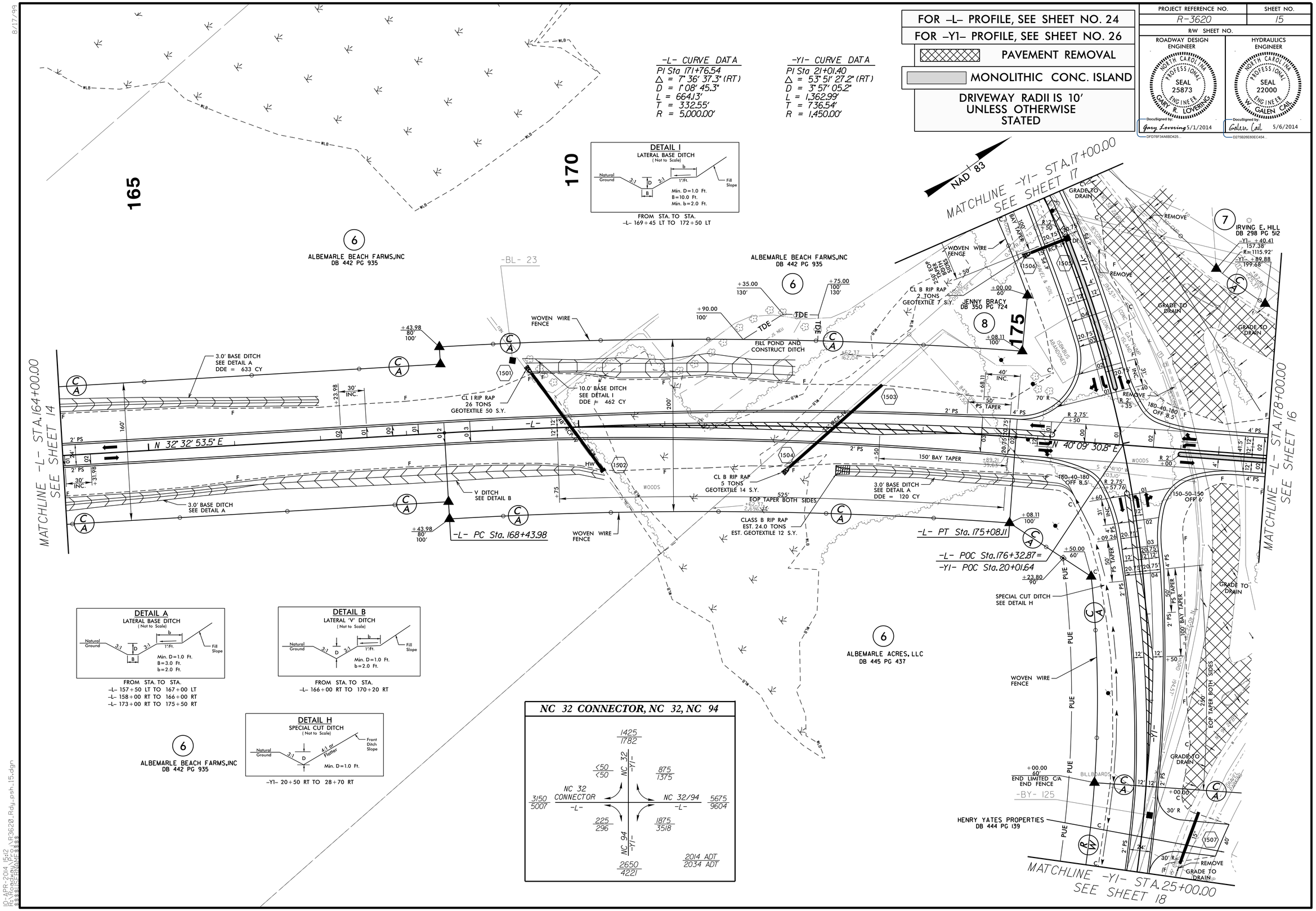
MONOLITHIC CONC. ISLAND

DRIVEWAY RADII IS 10' UNLESS OTHERWISE STATED

–L– CURVE DATA
PI Sta 171+76.54
Δ = 7° 36' 37.3" (RT)
D = 1° 08' 45.3"
L = 664.13'
T = 332.55'
R = 5,000.00'

–Y1– CURVE DATA
PI Sta 21+01.40
Δ = 53° 51' 27.2" (RT)
D = 3° 57' 05.2"
L = 1,362.99'
T = 736.54'
R = 1,450.00'

DETAIL I
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 = 10.0 Ft.
Min. b = 2.0 Ft.
FROM STA. TO STA.
–L– 169 + 45 LT TO 172 + 50 LT



DETAIL A
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 = 3.0 Ft.
b = 2.0 Ft.
FROM STA. TO STA.
–L– 157 + 50 LT TO 167 + 00 LT
–L– 158 + 00 RT TO 166 + 00 RT
–L– 173 + 00 RT TO 175 + 50 RT

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.
–L– 166 + 00 RT TO 170 + 20 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– 20 + 50 RT TO 28 + 70 RT

NC 32 CONNECTOR, NC 32, NC 94

	1425 / 1782	
	<50 / <50 NC 32 –Y1–	875 / 1375
3150 / 5007	NC 32 CONNECTOR –L–	NC 32/94 –L– 5675 / 9604
	225 / 296	1875 / 3518
	NC 94 –Y1– 2650 / 4221	

2014 ADT / 2034 ADT

8/17/99

10-APR-2014 15:12
R:\Roadway\Proj\R3620_Rdy_psh_15.dgn
$$USER$$ $$DATE$$ $$TIME$$