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PROJECT REFERENCE NO.	SHEET NO.
W-5512	16
R/W SHEET NO.	

PLANS PREPARED BY:
PARSONS
5540 CENTERVIEW DR., SUITE 217
RALEIGH, NORTH CAROLINA 27606
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER: P-0671

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 37874 ENGINEER TIMOTHY D. GOINS
Jim D. Goins, PE
3/26/2015

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 038683 ENGINEER MELANIE QUE CHI NGUYEN
Melanie Nguyen
3/26/2015

8/17/99

REVISIONS

-L-

PI Sta 216+04.01
△ = 0° 13' 02.6" (LT)
D = 0° 28' 38.9"
L = 45.53'
T = 22.77'
R = 12,000.00'
SE = NC

NAD 83

MATCH LINE -L- STA 210+00 SEE SHEET 15

-L- STA.213+00.00 END WEDGING
BEGIN RESURFACING

28
COLD STREAM DEVELOPERS, LLC
DB 9457 PG 674

DETAIL G
RIP RAP AT PIPE OUTLET

100' TAPER LT.& RT.

REMOVE

1602

EXISTING R/W

N 87° 24' 58.9" E

TO NC 87

TOM STARLING RD SR 2220

GAS LINE MARKER

GRAU-350

36" RCP-III

GRAU-350

1601

TIE TO EXISTING DITCH

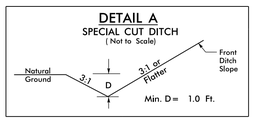
+12.00 -L-
48.00 RT &
EX. R/W

DETAIL A
PROPOSED SPECIAL CUT DITCH

29
A.E.TOLAR JR
DB 5966 PG 163

N 17°11'18" W
378.95'

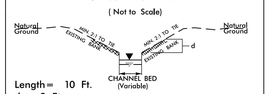
DETAIL A
SPECIAL CUT DITCH
(Not to Scale)



Min. D= 1.0 Ft.

FROM STA. 207+50 TO STA. 213+00 -L- RT

DETAIL G
PIPE OUTLET CHANNEL
(Not to Scale)



Length= 10 Ft.
d= 2 Ft.
Est.= 8 Tons of Class I Rip-Rap, 12 S.Y. GEOTEXTILE

STA. 214+22 -L- LT
DDE=5 C.Y.

NOTE:
SEE SHEET 22 FOR -L- PROFILE

*NOTE: RESURFACING TO END -L- STA.245+23.91 (SEE T.S.NO.1 SHEET 2)

09-MAR-2015 11:41
J:\W-5512\Roadway\Proj\W-5512_Rdy_PSH_16.DGN
$$$$USERNAME$$$$