042307

REVISIONS

TAYLOR • WISEMAN & TAYLOR
ENGINEERS • SURVEYORS • PLANNERS
G.P.S. • SUBSURFACE UTILITY ENGINEERING
4917 WATERS EDGE DRIVE, SUITE 126, RALEIGH, N.C. 27606
TELEPHONE NO. (919)859-8232 FAX NO. (919)859-8236

METRIC
5 0 10

CONST.REV.
R/W REV.

PROJECT REFERENCE NO.	SHEET NO.
R2514-A	26
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

WHITE OAK COMMUNITY CHURCH
DB 827, PG 666

ONSLOW NURSERY
DB 600, PG 544

NAD 83

183+00 184+00 185+00 186+00

S21°51'07"W 30.281
S33°51'06"W 22.860
S57°36'07"W 71.859
S57°15'07"W 43.452
S31°20'37"W 52.730

11.5m BASE CHANNEL
33m @ 19%
SEE CHANNEL IMPROVEMENT DETAIL AT INLET

28.823
N73°13'31"E
54.855 W/R CURB

MARSH

(3) 3.7(W) x 2.7(H) RCBC

REMOVE EXISTING STRUCTURE

GRAU-350

N49°15'50.3"E

N49°03'15.9"E

BL

EXIST R/W

INV=10.26 INV=10.34
1450mm RCP

06 BST

US 17 80 BST

N 49°10'00.5" E

-L-

65°00'00" SKEW

12" DR DI DISMANTLED RR

CAT-1

ST A 182+87.5 -L-

LIMITS OF ORGANIC SOILS

11.5m BASE CHANNEL
30m ALONG EXISTING BED
SEE CHANNEL IMPROVEMENT DETAIL AT INLET.

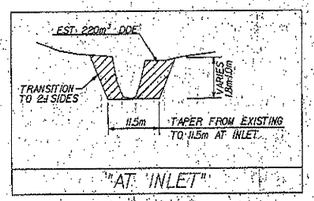
EST. 110 METRIC TONS (TOTAL)
CLASS I RIP RAP W/FILTER FABRIC
ALONG BANKS FOR 10m RT. AND 15m LT.

BARRUS CONSTRUCTION CO.
DB 443, PG 553
DB. 925, PG. 357

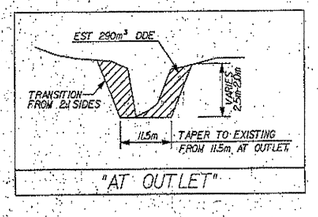
JAMES BENJAMIN & VASHA T. ALLMAN
DB. 346, PG. 580

DONALD E. & GLENDA T. WHITE
DB. 944, PG. 472
MB 26, PG 164, SLIDE E-192
DB. 925, PG. 357

CHANNEL IMPROVEMENTS LOOKING UPSTREAM



"AT INLET"



"AT OUTLET"

SEE SHEET NO. 53 FOR NB & SB GRADES AND PROFILES.

MATCHLINE STA 182+40 SEE SHEET 25

MATCHLINE STA 186+20 SEE SHEET 27

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