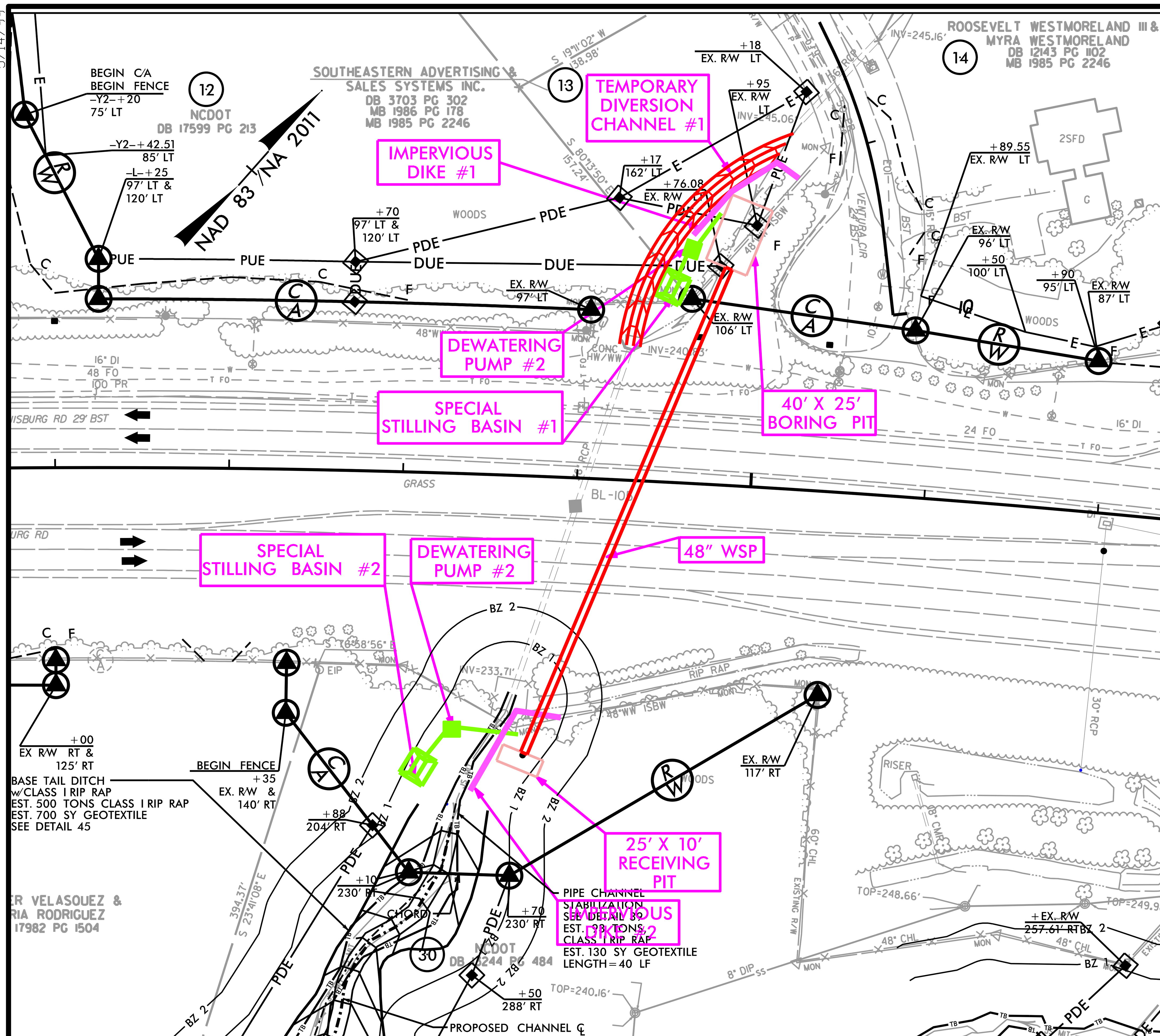
PROJECT REFERENCE NO.	SHEET NO.
U-5748	EC-06A/CONST.6
R/W SHEET NO.	

Prepared in the Office of: AECOM — NC FIRM LICENSE No: F-0342, 5438 Wade Park Blvd, Suite 200, Raleigh, NC 27607, (919) 854-6200 - (919) 854-6259(FAX)

50 25 0 50 100
PLANS



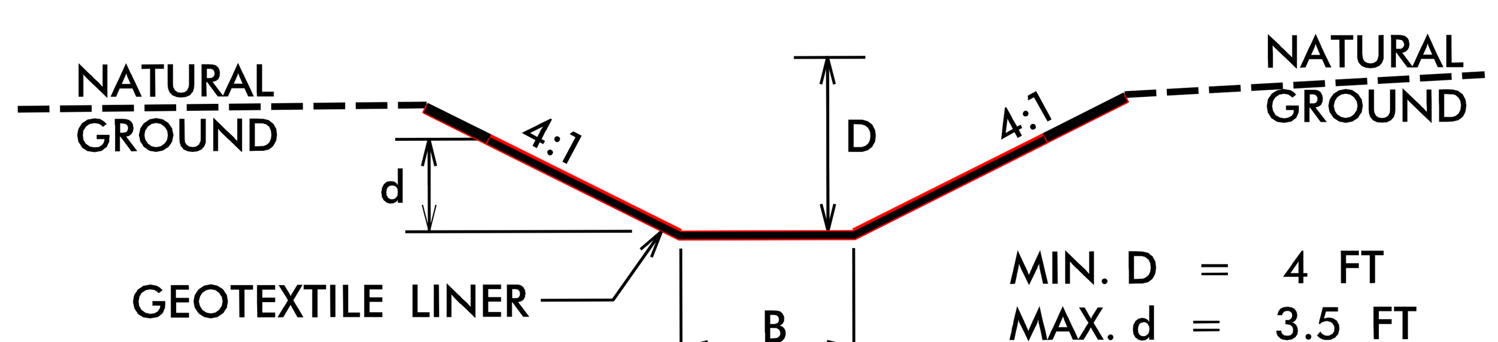
CONSTRUCTION SEQUENCE
STA. 54+35 -L-
FOR PROPOSED 48" WSP

PHASE I

1. CONSTRUCT TEMPORARY DIVERSION CHANNEL #1. USE DEWATERING PUMP AS NEEDED TO MAINTAIN DRY WORK AREA WHILE DIVERSION CHANNEL IS CONSTRUCTED.
2. DIVERT FLOW INTO THE TEMPORARY DIVERSION CHANNEL.
3. INSTALL IMPERVIOUS DIKES #1 AND #2, SPECIAL STILLING BASINS #1 AND #2, DEWATERING PUMPS #1 AND #2.
4. CONSTRUCT THE 40' X 25' BORING PIT AND THE 25' X 10' RECEIVING PIT.
5. INSTALL THE 48" WSP (TRENCHLESS INSTALLATION).
6. REMOVE THE BORE PIT, SPECIAL STILLING BASIN #1, DEWATERING PUMP #1, AND INSTALL INLET BANK STABILIZATION.

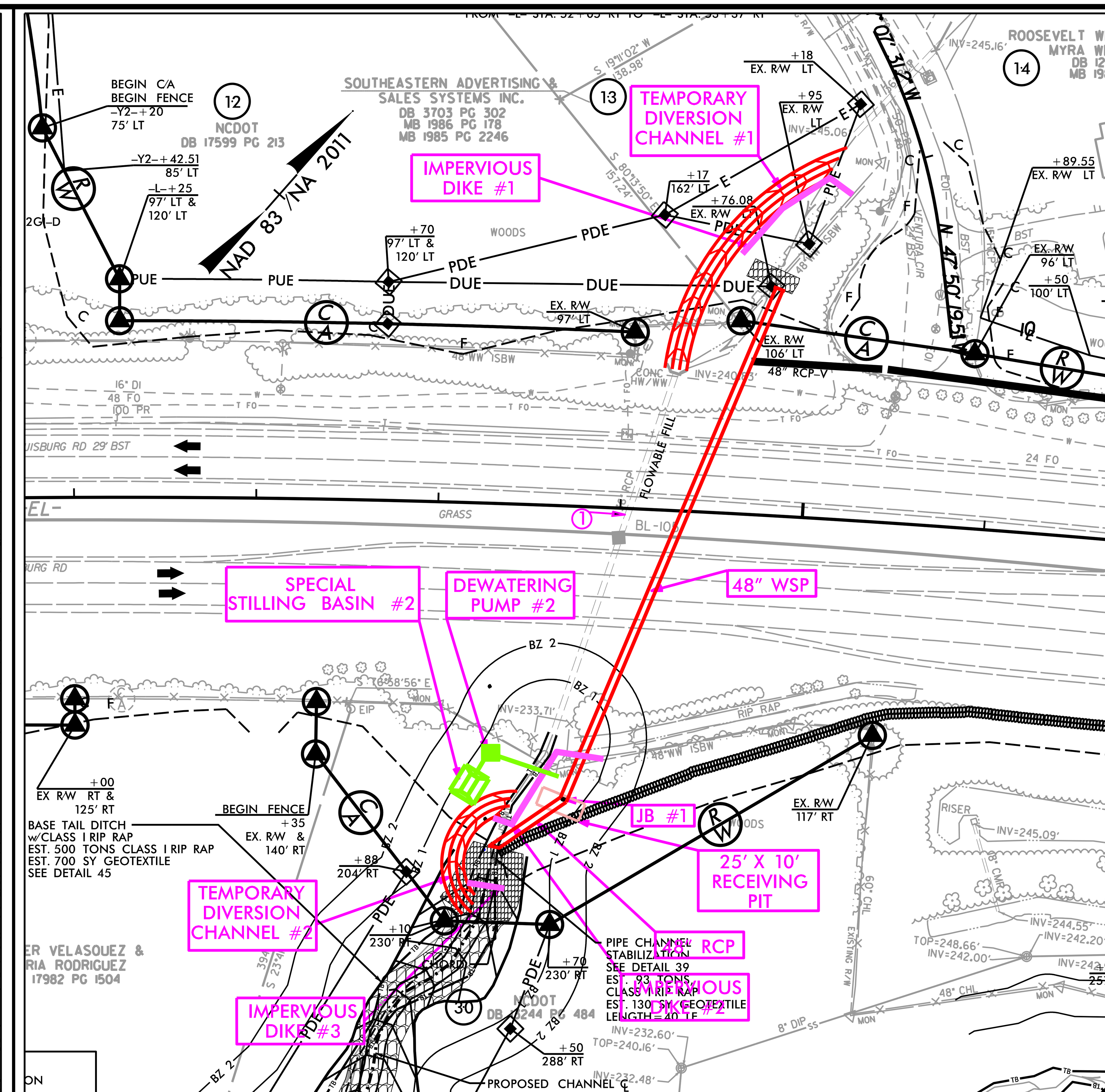
TEMPORARY DIVERSION CHANNEL

(NOT TO SCALE)



MIN. D = 4 FT
MAX. d = 3.5 FT
B = 4 FT

TYPE OF LINER = GEOTEXTILE FOR SOIL STABILIZATION



CONSTRUCTION SEQUENCE
STA. 54+35 -L-
FOR PROPOSED 48" WSP

PHASE II

1. CONSTRUCT TEMPORARY DIVERSION CHANNEL #2.
2. USE DEWATERING PUMP AS NEEDED, RECONFIGURE IMPERVIOUS DIKE #2 AND INSTALL IMPERVIOUS DIKE #3.
3. REMOVE THE RECEIVING PIT, INSTALL MANHOLE JUNCTION BOX AND THE 48" RCP.
4. INSTALL THE SECTION OF THE OUTLET BANK STABILIZATION INSIDE IMPERVIOUS DIKE #2 AND TEMPORARY DIVERSION CHANNEL #2.
5. REMOVE IMPERVIOUS DIKES #2 AND #3, SPECIAL STILLING BASIN #2, AND DEWATERING PUMP #2.
6. USE DEWATERING PUMP AS NEEDED, REMOVE THE TEMPORARY DIVERSION CHANNEL #1 AND A SECTION OF TEMPORARY DIVERSION CHANNEL #2 UP TO THE RIP RAP OUTLET STABILIZATION. DIVERT FLOW INTO THE NEWLY INSTALLED 48" WSP. LINE RECONSTRUCTED CHANNEL BANK ON UPSTREAM SIDE OF ROADWAY WITH MATTING.
7. USE IMPERVIOUS DIKES AND DEWATERING PUMP AS NEEDED, WHILE REMAINING SECTION OF TEMPORARY DIVERSION CHANNEL #2 IS BEING FILLED AND RIP RAP BANKS PROTECTION INSTALLED.
8. PLUG AND FILL EXISTING 36" RCP #1.
9. COMPLETE ROADWAY.