PROJECT REFERENCE NO.	SHEET NO.
U-5748	EC-11A/CONST.11
R/W SHEET NO.	

Prepared in the Office of: AECOM
NC FIRM LICENSE No: F-0342
5438 Wade Park Blvd, Suite 200
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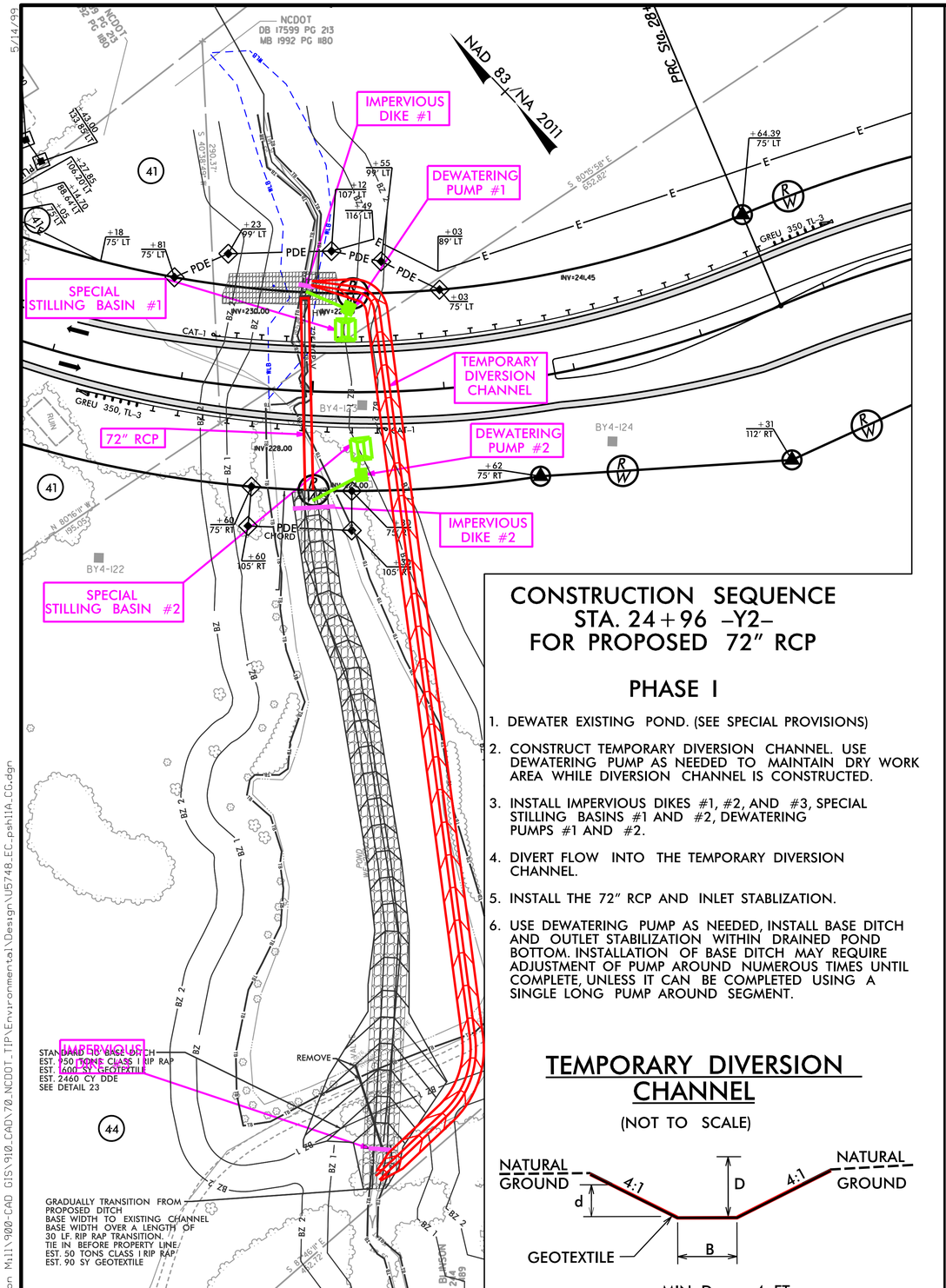
PLANS



CONSTRUCTION SEQUENCE
STA. 24+96 -Y2-
FOR PROPOSED 72" RCP

PHASE I

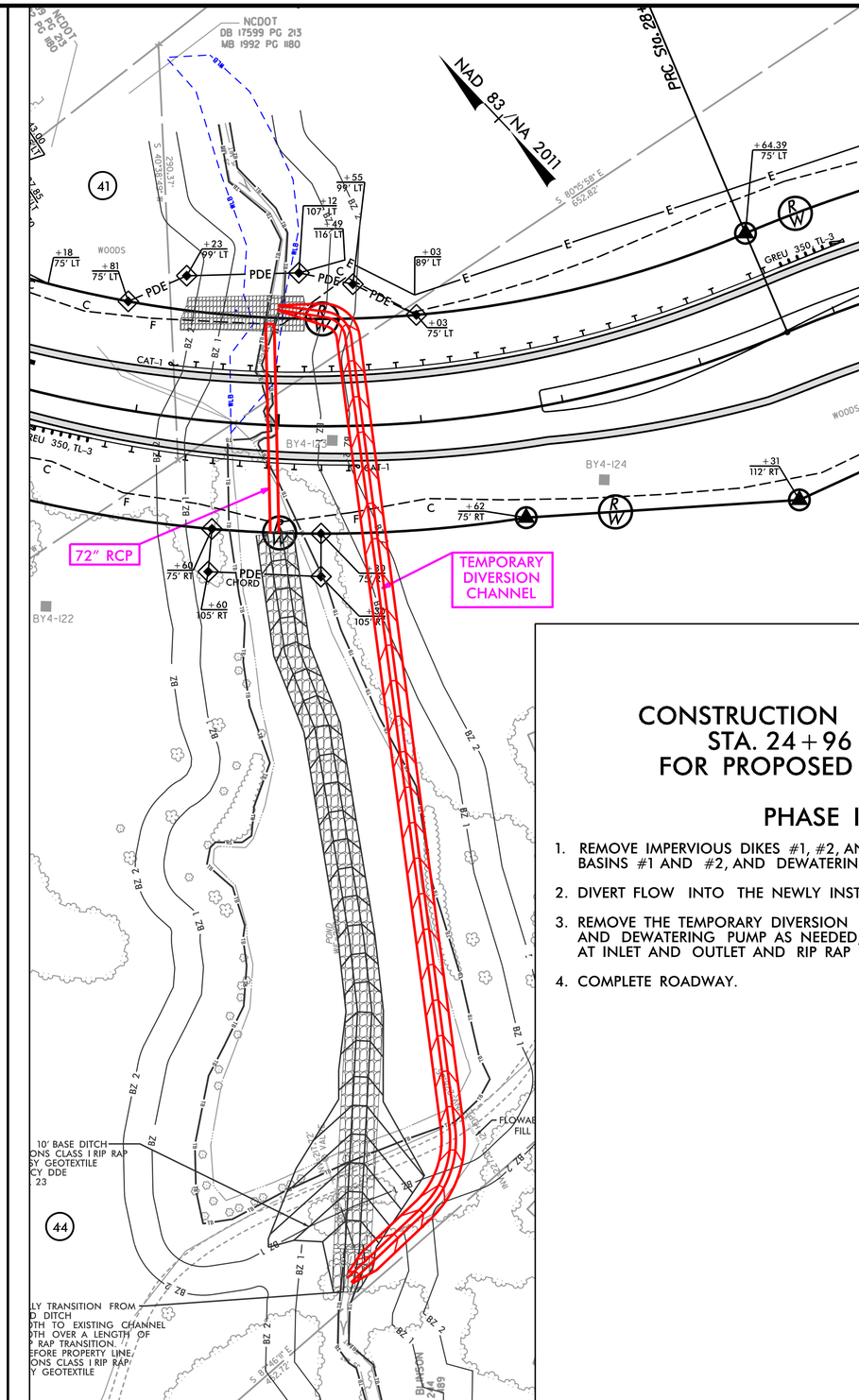
1. DEWATER EXISTING POND. (SEE SPECIAL PROVISIONS)
2. CONSTRUCT TEMPORARY DIVERSION CHANNEL. USE DEWATERING PUMP AS NEEDED TO MAINTAIN DRY WORK AREA WHILE DIVERSION CHANNEL IS CONSTRUCTED.
3. INSTALL IMPERVIOUS DIKES #1, #2, AND #3, SPECIAL STILLING BASINS #1 AND #2, DEWATERING PUMPS #1 AND #2.
4. DIVERT FLOW INTO THE TEMPORARY DIVERSION CHANNEL.
5. INSTALL THE 72" RCP AND INLET STABLIZATION.
6. USE DEWATERING PUMP AS NEEDED, INSTALL BASE DITCH AND OUTLET STABILIZATION WITHIN DRAINED POND BOTTOM. INSTALLATION OF BASE DITCH MAY REQUIRE ADJUSTMENT OF PUMP AROUND NUMEROUS TIMES UNTIL COMPLETE, UNLESS IT CAN BE COMPLETED USING A SINGLE LONG PUMP AROUND SEGMENT.

TEMPORARY DIVERSION CHANNEL

(NOT TO SCALE)

MIN. D = 4 FT
MAX. d = 3.5 FT
B = 6 FT

TYPE OF LINER = GEOTEXTILE FOR SOIL STABILIZATION



CONSTRUCTION SEQUENCE
STA. 24+96 -Y2-
FOR PROPOSED 72" RCP

PHASE II

1. REMOVE IMPERVIOUS DIKES #1, #2, AND #3, SPECIAL STILLING BASINS #1 AND #2, AND DEWATERING PUMPS #1 AND #2.
2. DIVERT FLOW INTO THE NEWLY INSTALLED 72" RCP.
3. REMOVE THE TEMPORARY DIVERSION CHANNEL. USE IMPERVIOUS DIKES AND DEWATERING PUMP AS NEEDED, WHILE DIVERSION IS BEING FILLED AT INLET AND OUTLET AND RIP RAP BANKS PROTECTIONS INSTALLED.
4. COMPLETE ROADWAY.

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