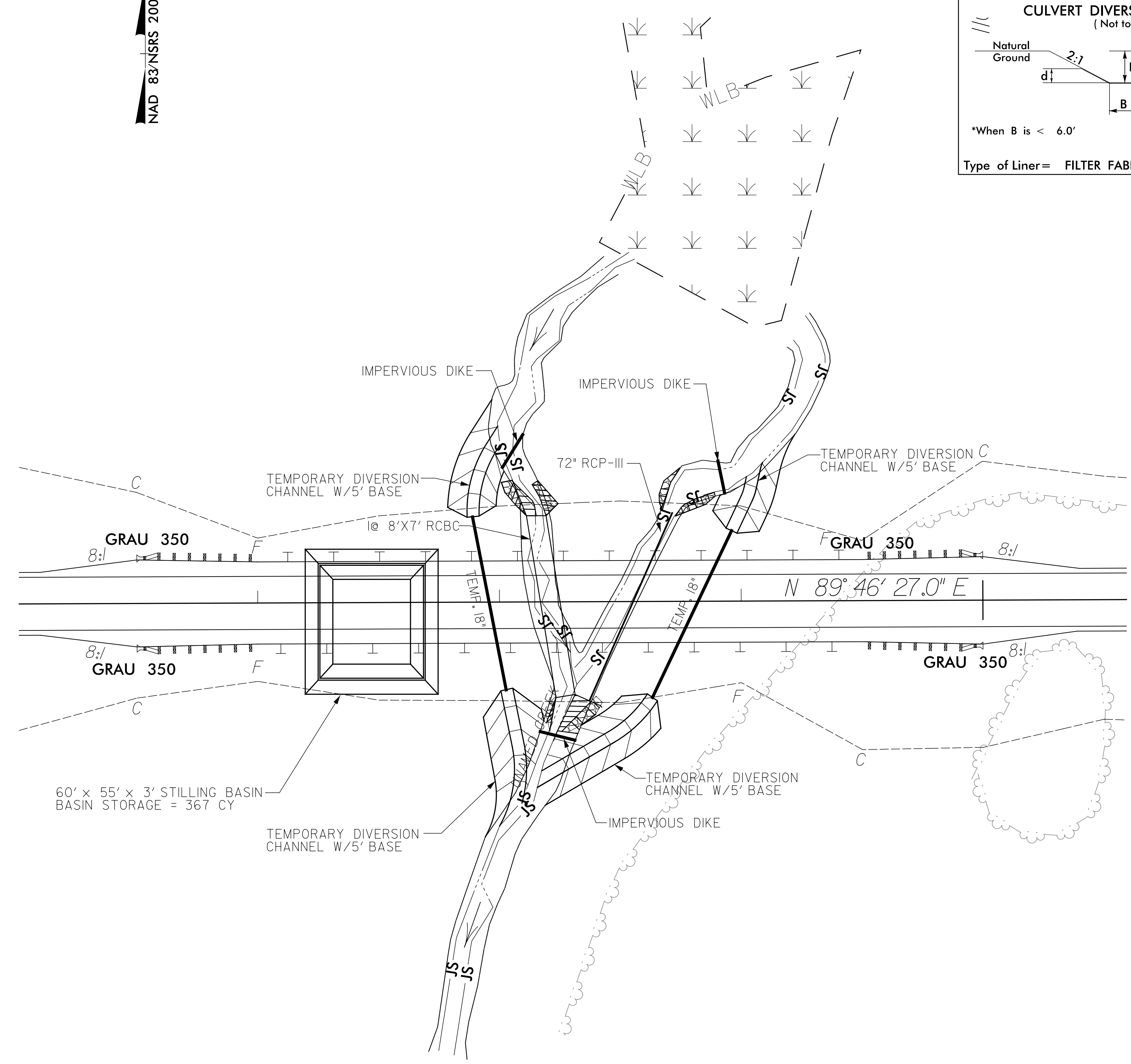
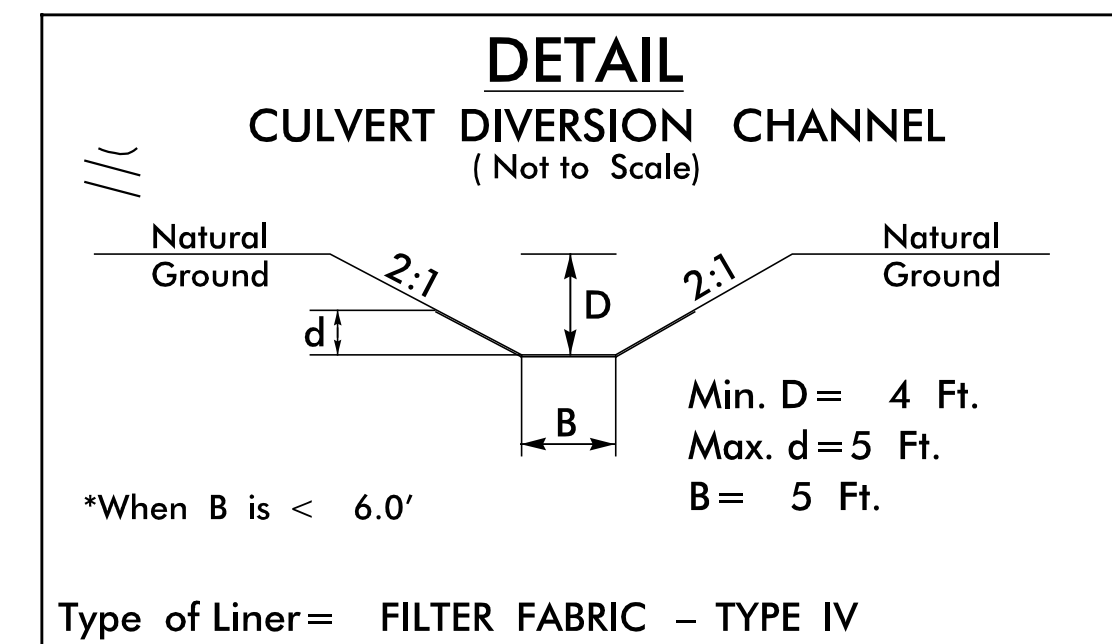


5/14/99

NAD 83/NSRS 2007

ICA
Engineering
5121 Kingdom Way,
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Raleigh, NC 27607
NC License No: F-0258

PROJECT REFERENCE NO.	SHEET NO.
W-5516	EC-11A/CONST.11
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: STACEY H. BAILEY, PE CERTIFICATION NUMBER: 3074 ISSUED: MAY 26, 2015	



NOTES

- CULVERT CONSTRUCTION SHALL BE PERFORMED IN ONLY DRY OR ISOLATED SECTIONS OF CHANNEL.
- IMPERVIOUS DIKES ARE TO BE USED TO ISOLATE WORK FROM STREAM FLOW AS NECESSARY.
- ALL GRADED AREAS SHALL BE STABILIZED WITHIN 24 HOURS.
- MAINTENANCE OF STREAM FLOW OPERATIONS SHALL BE INCIDENTAL TO THE WORK. THIS INCLUDES POLYETHYLENE SHEETING, DIVERSION PIPES, PUMPS AND HOSES.
- PUMPS AND HOSES SHALL BE SUFFICIENT SIZE TO DEWATER THE WORK AREA.
- THE CONTRACTOR SHALL NOT PUMP SEDIMENT-LADEN WATER DIRECTLY INTO STREAM. FOR DEWATERING OF CULVERT SITES, THE CONTRACTOR SHALL FILTER SEDIMENT-LADEN WATER THROUGH STILLING BASIN AND/OR SPECIAL STILLING BASIN.

CONSTRUCTION SEQUENCE

- EXCAVATE TEMPORARY DIVERSION CHANNEL (~170 LF), INSTALL 18" TEMPORARY PIPES (152 LF) AND IMPERVIOUS DIKES (45 LF) AS SHOWN. DIVERT CHANNEL FLOW THROUGH TEMPORARY DIVERSION DITCHES AND TEMPORARY PIPES.
- CONSTRUCT STILLING BASIN TO SIZE SPECIFIED AT LOCATION SHOWN.
- CONSTRUCT 10'x8'x7' RCBC W/SILLS AND BEVELED INLET AND 72" RCP-III.
- CONSTRUCT UPSTREAM AND DOWNSTREAM CHANNEL IMPROVEMENTS AND PLACE REQUIRED RIP RAP.
- REMOVE IMPERVIOUS DIKES, STILLING BASIN, TEMPORARY PIPES, AND TEMPORARY DITCHES.
- CONSTRUCT PROPOSED ROADWAY.

FOR -L- PROFILE, SEE SHEET 18

6/1/2015 10:00:00 AM ICA ENGINEERING, INC. \\caeda\5516_hyd_const_seq_2.dgn