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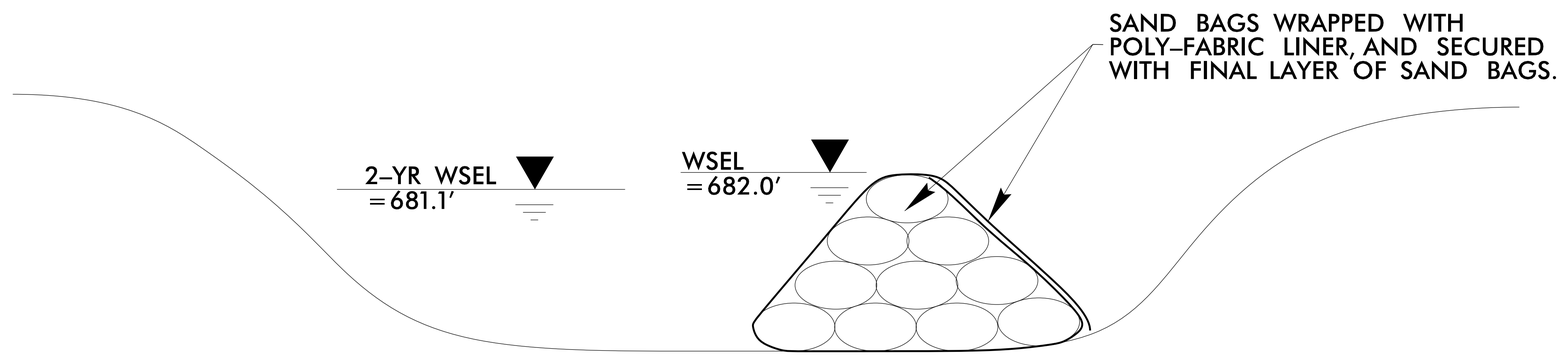
5/14/99

PROJECT REFERENCE NO.	SHEET NO.
17BP.9.R.25	EC-2A
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

IMPERVIOUS DIKE – SAND BAGS

*NOT TO SCALE



NOTES:

1. CONTRACTOR MAY PROPOSE ALTERNATE IMPERVIOUS DIKE TO BE APPROVED BY ENGINEER IN CHARGE.

2. DIKE INSTALLATION:

   i. REMOVE BRANCHES AND LARGE ROCKS FROM AREA WHERE THE SAND BAGS WILL BE PLACED.
   ii. LAY OUT THE IMPERVIOUS POLY–FABRIC LINER WITH THE CENTER OF THE LINER LOCATED OVER THE CENTER OF THE SAND BAG DIKE.
   iii. PLACE THE SAND BAGS TO THE DESIRED HEIGHT. THE DIKES SHALL HAVE A WIDTH SUITABLE TO SUPPORT THE HEIGHT. EACH ROW SHALL BE OFFSET SO THE JOINTS ARE STAGGERED. PACK SAND BAGS TIGHTLY TOGETHER.
   iv. WRAP IMPERVIOUS POLY–FABRIC LINER AROUND SAND BAG DIKE AND SECURE WITH FINAL LAYER OF SAND BAGS.

3. DEWATER CONSTRUCTION AREA USING PUMP–AND–TREAT TECHNIQUE. SILT SOCK OR SILT BASIN ARE ACCEPTABLE TREATMENT METHODS. RETURN TREATED, NON–TURBID, WATER BACK TO STREAM.

4. CONTRACTOR MAY RE–USE FILTERED SOIL ON SITE, AND STABILIZE.

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