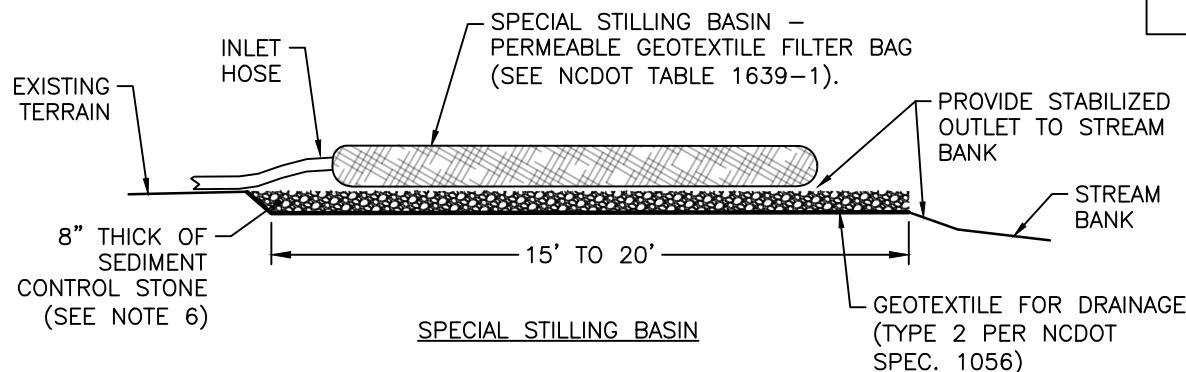


PUMP-AROUND PLAN



" NOT TO SCALE "

NOTES:

1. ALL EXCAVATION SHALL BE PERFORMED IN ONLY DRY OR ISOLATED AREAS OF THE WORK ZONE.
2. IMPERVIOUS DIKES ARE TO BE USED TO ISOLATE WORK FROM STREAM FLOW WHEN NECESSARY.
3. MAINTENANCE OF STREAM FLOW OPERATIONS SHALL BE INCIDENTAL TO THE WORK. THIS INCLUDES POLYETHYLENE SHEETING, DIVERSION PIPES, PUMPS AND HOSES.
4. PUMPS AND HOSES SHALL BE OF SUFFICIENT SIZE TO DEWATER THE WORK AREA.
5. SPECIAL STILLING BASIN(S) SHALL BE PER NCDOT STANDARD SPECIFICATION 1639
6. EROSION CONTROL STONE SHALL BE NO. 5 OR NO. 57 STONE. WOOD PALLET MAY BE USED IN LIEU OF STONE AS DIRECTED – A SUFFICIENT NUMBER OF PALLET MUST BE PROVIDED TO ELEVATE THE ENTIRE SPECIAL STILL BASIN ABOVE NATURAL GROUND.

SEQUENCE OF CONSTRUCTION FOR TYPICAL WORK AREA:

1. INSTALL SPECIAL STILLING BASIN(S).
2. INSTALL UPSTREAM PUMP AND TEMPORARY FLEXIBLE HOSE
3. PLACE UPSTREAM IMPERVIOUS DIKE AND BEGIN PUMPING OPERATIONS FOR STREAM DIVERSION.
4. PLACE UPSTREAM IMPERVIOUS DIKE AND PUMPING APPARATUS. DEWATER ENTRAPPED AREA. AREA TO BE DEWATERED SHALL BE EQUAL TO ONE DAY'S WORK.
5. INSTALL CULVERT(S) IN ACCORDANCE WITH THE PLANS.
6. EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES. REMOVE IMPERVIOUS DIKES (DOWNSTREAM DIKE FIRST), PUMPS AND TEMPORARY FLEXIBLE HOSE.
7. REMOVE SPECIAL STILLING BASIN(S) AND BACKFILL, STABILIZE DISTURBED AREA WITH SEED AND MULCH.



DATE: 03/2024

TOWN OF CHAPEL HILL
STANDARD DETAIL

REVISIONS

TEMPORARY STREAM
DIVERSION
(PUMP-AROUND)

EC-19.00