



NOTES:

1. ALL STREAM WORK TO BE PERFORMED "IN THE DRY" EITHER BY PUMP-AROUND OR STREAM DIVERSION WITH SILT CURTAIN.
2. IMPERVIOUS DIKES ARE TO BE USED TO ISOLATE WORK FROM STREAM FLOW.
3. THE CONTRACTOR SHALL NOT DISTURB MORE AREA THAN CAN BE STABILIZED THE SAME WORKING DAY.
4. MAINTENANCE OF STREAM FLOW OPERATION SHALL BE INCIDENTAL TO THE WORK. THIS INCLUDES PUMPS AND HOSES.
5. PUMPS AND HOSES SHALL BE OF SUFFICIENT SIZE TO DEWATER THE WORK AREA.
6. GRADED STREAM BANKS SHALL BE STABILIZED, WITH MATTING, PRIOR TO PREDICTED RAIN FALL EVENTS. THE EXIT LOCATION SHALL BE CHOSEN TO PREVENT EROSION.
7. GRAVITY-BASED GEOTEXTILE BAG (SPECIAL STILLING BASIN) FILTERS SHALL BE USED TO COLLECT SILT AND SEDIMENT FROM WORK AREA DEWATERING.
8. A STABILIZED OUTLET SHALL BE USED TO CONTROL THE EFFLUENT FROM ALL PUMPING OPERATIONS, UNLESS NATIVE STREAMBED STONE MATERIAL IS DEEMED SUITABLE BY DESIGNER AT DISCHARGE LOCATION.
9. TYPE II FABRIC SHALL BE USED UNDERNEATH ALL STONE/RIP-RAP PLACED FOR SEDIMENT BAGS, STABILIZED OUTLETS, AND SPLASH PADS.
10. REFER TO THE CONTRACT DOCUMENTS FOR ADDITIONAL NOTES.
11. STABILIZE WORK AREA AT THE END OF EACH DAY.
12. REFER TO SPECIAL PROVISIONS FOR PUMP AROUND OPERATION, SPECIAL STILLING BASIN, AND IMPERVIOUS DIKE FOR MORE DETAILS.

TEMPORARY STABILIZED OUTLET

DESIGN VARIABLES			
	REACH _	REACH _	REACH _
SPLASH PAD/STABILIZED OUTLET WIDTH	--	--	--
SPLASH PAD LENGTH	--	--	--
SPLASH PAD/STABILIZED OUTLET THICKNESS	--	--	--
IMPERVIOUS DIKE LENGTH	--	--	--
IMPERVIOUS DIKE HEIGHT	--	--	--
D50 OF STABILIZED OUTLET STONE/IMPERVIOUS DIKE STONE	--	--	--

*ENGINEER TO ADJUST AS NECESSARY, MINIMUMS CANNOT BE ADJUSTED WITHOUT CITY APPROVAL

NOT TO SCALE



CHARLOTTE-MECKLENBURG
STORM WATER SERVICES
GENERIC DETAIL REQUIREMENTS

PUMP AROUND CONFIGURATION

DRAFT - NOT TO BE USED FOR CONSTRUCTION

REVISION DATE	
1/7/2022	
STD. NO.	REV.
XX.XX	