



- NOTES:**
1. CHANNEL PLUGS SHALL BE INSTALLED AT LOCATIONS INDICATED ON THE PLANS WHERE THE PROPOSED CHANNEL ALIGNMENT DIVERGES FROM THE EXISTING CHANNEL ALIGNMENT. CHANNEL PLUGS SHALL BE OF SUFFICIENT DESIGN TO PREVENT CHANNEL FLOW FROM REVERTING BACK INTO THE ORIGINAL ALIGNMENT.
 2. THE MATERIAL USED IN THE CHANNEL PLUG SHALL BE SUCH THAT THE PLASTICITY INDEX SHALL EQUAL OR EXCEED THAT OF THE NATURAL SOILS SURROUNDING THE STREAM. THE MATERIAL IN THE CHANNEL PLUG SHALL BE COMPACTED TO A DENSITY OF AT LEAST 90% AS OBTAINED BY COMPACTING A SAMPLE OF MATERIAL IN ACCORDANCE WITH AASHTO T99. LIFT THICKNESS SHALL NOT EXCEED 1.0 FOOT. COMPACTION SHALL BE ACHIEVED BY HEAVY EQUIPMENT OR COMPACTION EQUIPMENT. ORGANIC MATERIAL IN THE PLUG SHALL NOT EXCEED 10% OF THE TOTAL VOLUME OF FILL USED.

SECTION A-A

DESIGN VARIABLES			
	EXAMPLE	REACH	REACH
CHANNEL PLUG HEIGHT	4'	--	--
CHANNEL PLUG TOP WIDTH	3'	--	--
CHANNEL PLUG SLOPE	2:1	--	--

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

NOT TO SCALE



CHARLOTTE-MECKLENBURG
STORM WATER SERVICES
GENERIC DETAIL REQUIREMENTS

CHANNEL PLUG

DRAFT - NOT TO BE USED FOR CONSTRUCTION

SHEET NUMBER	
1 OF 1	
STD. NO.	REV.
XX.XX	