

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 CHANNEL PLUG SHALL BE CONSTRUCTED OF A BACKFILL MATERIAL TO THE DIMENSIONS AND SLOPES SHOWN. THE DESIGNER SHALL SPECIFY BACKFILL PROPERTIES, COMPACTION METHOD, DENSITY, MOISTURE CONTENT, CLAY CONTENT, AND/OR OTHER REQUIREMENTS.
3. THE REMAINING EXISTING CHANNEL (OUTSIDE OF THE LIMITS OF THE CHANNEL PLUG) MAY BE ABANDONED TO BECOME AN OXBOW LAKE OR IT MAY BE PARTIALLY OR COMPLETELY BACKFILLED. IF BACKFILLED, THE DESIGNER SHALL SPECIFY BACKFILL MATERIAL PROPERTIES, BACKFILL LIMITS, COMPACTION METHOD, AND DENSITY REQUIREMENTS. IF LEFT AS AN OXBOW LAKE, THE DESIGNER SHALL SPECIFY A TYPICAL SECTION (INCLUDING BANK STABILIZATION, ETC.) OF THE OUTLET CHANNEL OF THE OXBOW LAKE INTO THE PROPOSED CHANNEL AND INCORPORATE SUCH INFORMATION INTO THIS DETAIL BY REFERENCE.
4. INFORMATION REGARDING ACTIVITIES REQUIRED TO GRADE THE PROPOSED CHANNEL AND FINISH THE STREAM BANK (FRONT SLOPE OF THE CHANNEL PLUG) SHALL BE ADDED TO THE CHANNEL PLUG DETAIL OR DETAILED SEPARATELY AND REFERENCED HEREIN.

THIS FIGURE IS ONLY MEANT TO DEFINE THE MINIMUM INFORMATION REQUIRED BY THE CITY OF CHARLOTTE TO BE INCLUDED IN A DETAIL FOR THIS TYPE OF TECHNIQUE. THIS FIGURE IS NOT MEANT TO REPRESENT A STANDARD DESIGN METHOD FOR THIS TYPE OF TECHNIQUE AND SHALL NOT BE USED AS SUCH.

NOT TO SCALE

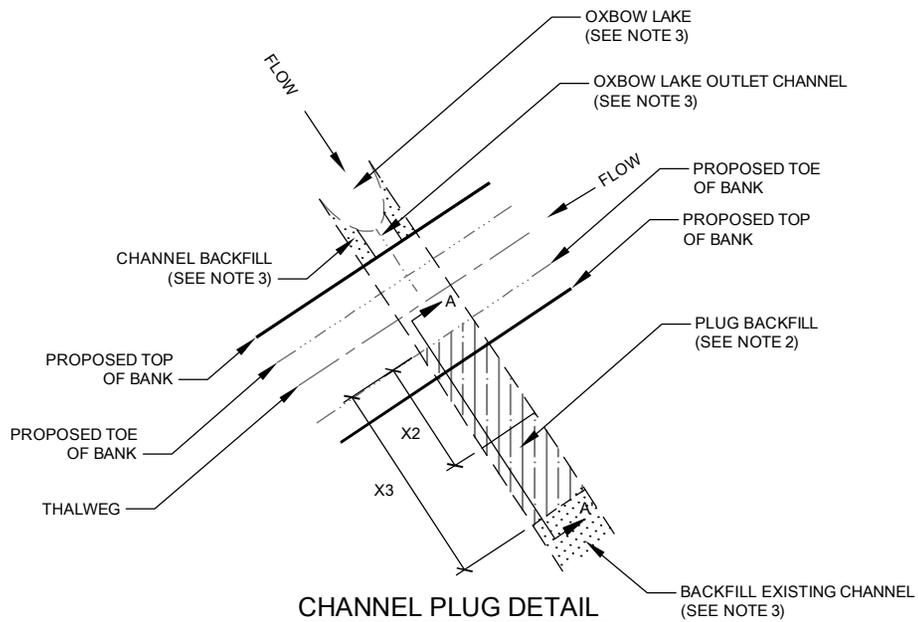


CHARLOTTE-MECKLENBURG
STORM WATER SERVICES
GENERIC DETAIL REQUIREMENTS

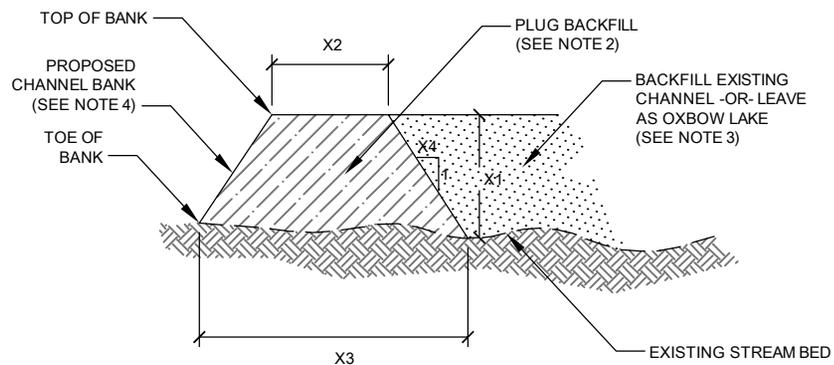
CHANNEL PLUG

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DIMENSIONS (VALUES TO BE PROVIDED BY DESIGNER)			
VARIABLE	VALUES	TYPICAL UNIT	DESCRIPTION
X1		FT.	CHANNEL PLUG HEIGHT
X2		FT.	CHANNEL PLUG TOP WIDTH
X3		IN. OR FT.	CHANNEL PLUG BASE WIDTH
X4		NONE	CHANNEL PLUG BACK SLOPE RATIO (HORIZONTAL COMPONENT)



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CHANNEL PLUG

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