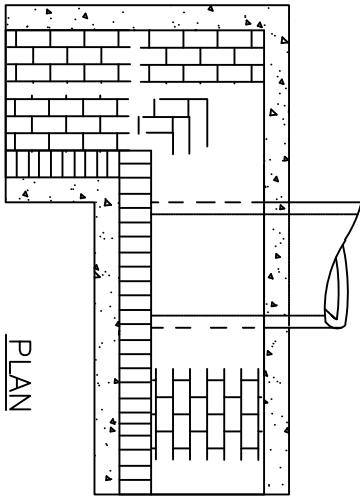
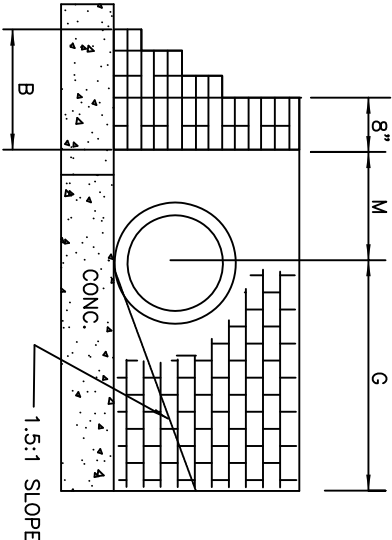
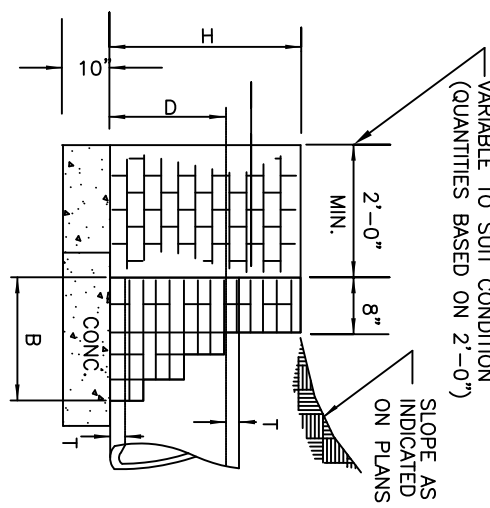




PLAN

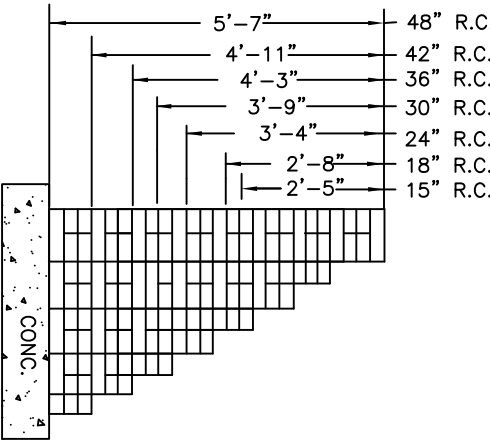


ELEVATION



END ELEVATION

- GENERAL NOTES:**
1. ALL MORTAR JOINTS ARE TO BE 1/2" (+/-) 1/8".
 2. BRICKWORK SHALL BE BONDED WITH FULL HEADERS EVERY THREE COURSES. ALL EXPOSED JOINTS SHALL BE CONCAVE TOOLED.
 3. ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
 4. CONCRETE BRICK MAY BE USED IN LIEU OF HARD COMMON BRICK.
 5. JUMBO BRICK WILL BE PERMITTED.
 6. WALL THICKNESS (T) SHOWN IS NOT TO BE INTERPRETED TO MEAN THE THICKNESS ACCEPTABLE, BUT IS USED ONLY IN COMPUTING ENDWALL DIMENSIONS AND QUANTITIES.



TYPICAL SECTION THRU WALL

DIMENSIONS AND QUANTITIES									
COMMON DIMENSIONS					USING RC PIPE				
D	H	B	G	M	T	BRICK CU. YD.	CONC. CU. YD.	H	M
15"	2'-5"	1'-8"	2'-10"	1'-0"	1 7/8"	0.562	0.386	2'-3"	1'-4"
18"	2'-8"	1'-8"	3'-2"	1'-2"	2"	0.691	0.412	2'-5"	1'-8"
24"	3'-4"	2'-0"	4'-1"	1'-5"	2 1/2"	1.123	0.586	2'-11"	3'-9"
30"	3'-9"	2'-4"	4'-8"	1'-9"	2 3/4"	1.513	0.774	3'-4"	4'-5"
36"	4'-3"	2'-4"	5'-5"	2'-0"	3"	1.958	0.846	3'-9"	5'-0"
42"	4'-11"	2'-8"	6'-4"	2'-4"	3 1/2"	2.841	1.097	4'-5"	6'-0"
48"	5'-7"	3'-0"	7'-3"	2'-8"	4"	3.865	1.381	4'-11"	6'-9"

APPROVED DATE _____

REVISIONS		 BRICK "L" ENDWALL FOR SINGLE PIPE CULVERTS 15" THRU 48" PIPE		CITY OF MONROE UNION COUNTY NORTH CAROLINA PREPARED BY: ENGINEERING DEPARTMENT		FILE: I:/Maps-Details/Detail Manual/Details	
NO.	DATE					DRAWN BY: JAM	DATE: 08-07-01
						CHECKED BY: JNL	SCALE: N.T.S.
						DETAIL 04.03.05	