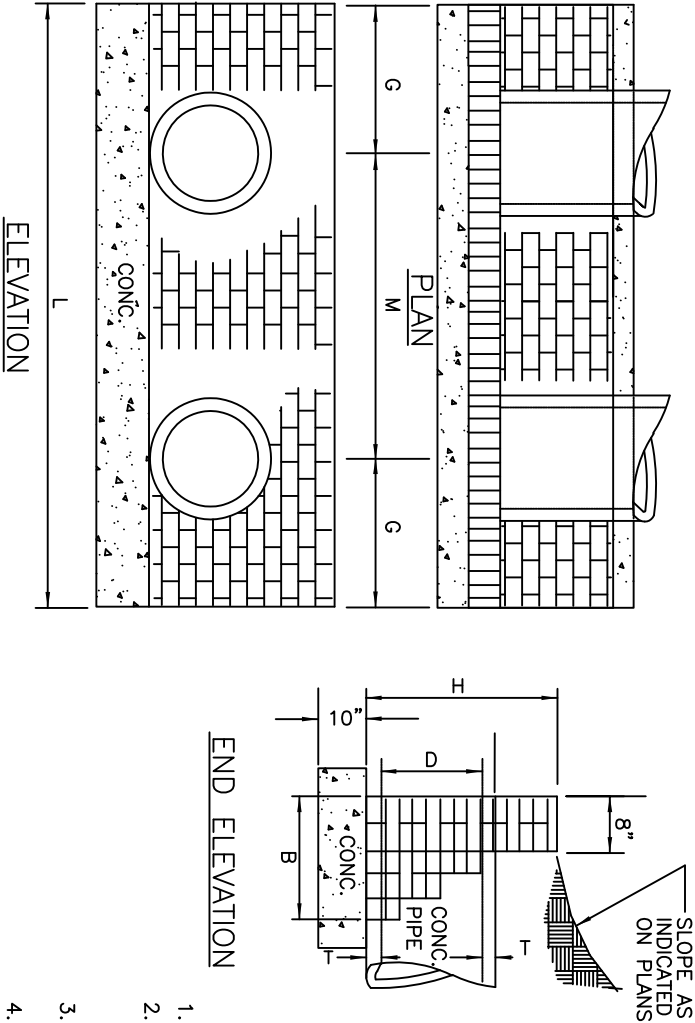


DIMENSIONS AND QUANTITIES																					
COMMON DIMENSIONS					DOUBLE PIPE				COMMON DIMENSIONS				SINGLE PIPE			DOUBLE PIPE					
D	H	B	G	T	L	BRICK CU. YD.	CONC. CU. YD.	M	L	BRICK CU. YD.	CONC. CU. YD.	H	B	G	L	BRICK CU. YD.	CONC. CU. YD.	M	L	BRICK CU. YD.	CONC. CU. YD.
15"	2'-5"	1'-8"	2'-10"	1 7/8"	5'-8"	0.441	0.291	2'-2"	7'-10"	0.555	0.403	2'-3"	1'-4"	2'-9"	5'-6"	0.384	0.226	1'-11"	7'-5"	0.482	0.305
18"	2'-8"	1'-8"	3'-2"	2"	6'-4"	0.562	0.326	2'-7"	8'-11"	0.722	0.459	2'-5"	1'-8"	3'-0"	6'-0"	0.478	0.309	2'-3"	8'-3"	0.605	0.424
24"	3'-4"	2'-0"	4'-1"	2 1/2"	8'-2"	1.008	0.504	3'-5"	11'-7"	1.285	0.715	2'-11"	1'-8"	3'-9"	7'-6"	0.749	0.386	3'-0"	10'-6"	0.954	0.540
30"	3'-9"	2'-4"	4'-8"	2 3/4"	9'-4"	1.391	0.672	4'-3"	13'-7"	1.820	0.976	3'-4"	2'-0"	4'-5"	8'-10"	1.090	0.545	3'-9"	12'-7"	1.399	0.777
36"	4'-3"	2'-4"	5'-5"	3"	10'-10"	1.895	0.780	5'-0"	15'-10"	2.462	1.140	3'-9"	2'-4"	5'-0"	10'-0"	1.503	0.720	4'-6"	14'-6"	1.965	1.044
42"	4'-11"	2'-8"	6'-4"	3 1/2"	12'-8"	2.867	1.043	5'-10"	18'-6"	3.729	1.523	4'-5"	2'-8"	6'-0"	12'-0"	2.373	0.988	5'-3"	17'-3"	3.062	1.420
48"	5'-7"	3'-0"	7'-3"	4"	14'-6"	4.032	1.343	6'-8"	21'-2"	5.184	1.960	4'-11"	2'-8"	6'-9"	13'-6"	3.102	1.111	6'-0"	19'-6"	4.002	1.605



END ELEVATION

TYPICAL SECTION THRU WALL

- 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. ALL CONCRETE TO BE 3600 P.S.I. COMPRESSIVE STRENGTH.
 3. CONCRETE BRICK MAY BE USED IN LIEU OF HARD COMMON BRICK.
 4. JUMBO BRICK WILL BE PERMITTED.
 5. WALL THICKNESS (T) SHOWN IS NOT TO BE INTERPRETED TO MEAN THE THICKNESS ACCEPTABLE, BUT IS USED ONLY IN COMPUTING ENDWALL DIMENSIONS AND QUANTITIES.

APPROVED DATE _____

REVISIONS	
NO.	DATE



BRICK ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS
15" THRU 48" PIPE

CITY OF MONROE UNION COUNTY NORTH CAROLINA		FILE: I:/Maps-Details/Detail Manual/Details
ENGINEERING DEPARTMENT		DRAWN BY: JAM
PREPARED BY: _____		DATE: 08-07-01
CHECKED BY: JNL		SCALE: N.T.S.
DETAIL		04.03.04