

CULVERT SIZE	WALL THICKNESS	SLAB THICKNESS	A	B	C	D	E	F	G	H	I	J	K
			11'5" X 7'-3"	12"	8"	17'0"	30'8"	13'5"	14'11"	2'0"	2'0"	14'5"	8"
12'10" X 8'4"	12"	8"	19'0"	34'7"	14'10"	17'5"	2'0"	2'0"	16'11"	8"	18'7"	9'4"	2'0"
14'1" X 8'9"	12"	8"	20'6"	36'10"	16'1"	18'5"	2'0"	2'0"	17'11"	8"	19'6"	9'9"	2'0"
7'8" X 5'5"	12"	6"	13'0"	24'2"	9'9"	12'1"	1'6"	2'0"	11'7"	8"	13'6"	7'0"	2'0"
16'6" X 11'0"	16"	10"	23'1"	41'8"	18'10"	19'9"	3'0"	3'0"	19'3"	8"	22'1"	12'4"	4'0"

CULVERT SIZE	MAIN REIN. BACK FACE	TEMPERATURE REIN. FRONT FACE	SLAB REIN.
11'5" X 7'3"	VERT. #8 @ 6" O.C. HORIZ. #4 @ 12" O.C.	VERT. #3 @ 12" O.C. HORIZ. #3 @ 12" O.C.	6-6 X 6-6 W.W. MESH
12'10" X 8'4"	VERT. #9 @ 6" O.C. HORIZ. #4 @ 12" O.C.	DO	DO
14'1" X 8'9"	VERT. #10 @ 5" O.C. HORIZ. #4 @ 12" O.C.	DO	DO
7'8" X 5'5"	VERT. #7 @ 6" O.C. HORIZ. #4 @ 12" O.C.	DO	DO
16'6" X 11'0"	VERT. #11 @ 5" O.C. HORIZ. #3 @ 12" O.C.	VERT. #5 @ 5" O.C. HORIZ. #3 @ 12" O.C.	DO

REVISED	F.B.	PG.	DATE: 4-20-74
			SCALE: NONE
			DRAWN BY: RMN
			CHECKED BY: NBM
			CITY ENGINEER: FRW

## STANDARD DETAIL

### DIMENSIONS FOR A SINGLE PIPE HEADWALL

OFFICE OF THE  
CITY ENGINEER  
GASTONIA, N.C.

FILE NO. **71C-23**