



PIPE SIZE	A	B	C	D	E	F
12 INCH PIPE	3'-0"	3'-0"	6"	#6 BARS @ 1'-0" O.C.	#4 TIE BARS @ 2'-0" O.C.	
16 INCH PIPE	3'-6"	3'-6"	6"	#6 BARS @ 7 1/2" O.C.	#4 TIE BARS @ 2'-0" O.C.	
24 INCH PIPE	4'-6"	4'-6"	6"	#6 BARS @ 14" O.C.	#5 TIE BARS @ 2'-0" O.C.	
30 INCH PIPE	4'-6"	4'-6"	6"	#6 BARS @ 14" O.C.	#5 TIE BARS @ 2'-0" O.C.	
36 INCH PIPE	6'-0"	6'-0"	6"	#7 BARS @ 12" O.C.	#5 TIE BARS @ 1'-0" O.C.	#5 DIAGONAL BARS
42 INCH PIPE	6'-0"	6'-0"	6"	#7 BARS @ 12" O.C.	#5 TIE BARS @ 1'-0" O.C.	#5 DIAGONAL BARS
48 INCH PIPE	7'-0"	7'-0"	6"	#7 BARS @ 9" O.C.	#5 TIE BARS @ 1'-0" O.C.	#5 DIAGONAL BARS

NOTES:

- 1) TIE BARS MAY BE PLACED AS 2-PIECE U-BARS WITH MINIMUM LAP LENGTH OF 20 INCHES.
- 2) LENGTH OF ENCASEMENT ESTABLISHED BY DESIGN ENGINEER.

C					
B					
A					
	DESCRIPTION	DRW	CKD	APP	DATE
REVISIONS					
DRAWN BY: S.D.A.					
CHECKED BY: S.D.A.					
APPROVED:					

ENCASEMENT, WATER DISTRIBUTION PIPE IN CONCRETE

SCALE: NONE

CITY OF DETROIT
WATER AND SEWERAGE
DEPARTMENT
ENGINEERING
DIVISION

SHEET 1 OF 1

DWG No. 02620-11