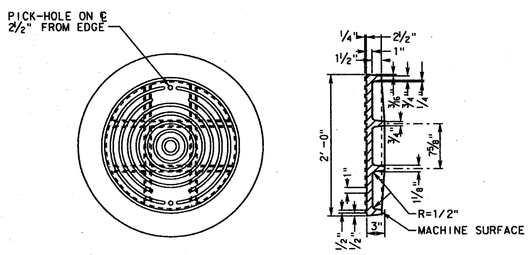
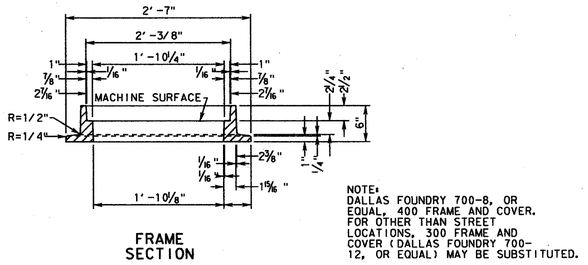
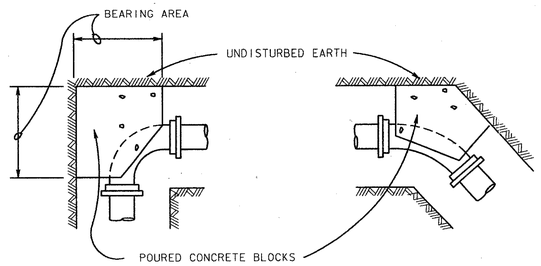




NOTE:
DALLAS FOUNDRY 700-8, OR EQUAL, 400 FRAME AND COVER. FOR OTHER THAN STREET LOCATIONS, 300 FRAME AND COVER (DALLAS FOUNDRY 700-12, OR EQUAL) MAY BE SUBSTITUTED.

MANHOLE COVER AND FRAME
STANDARD

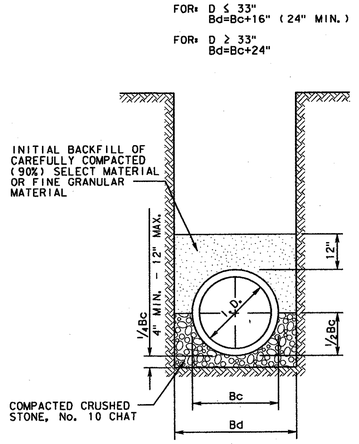


BEARING AREA OF BLOCK IN SQ. FT.					
FITTING SIZES	TEE & END	90° BEND	45° BEND	22½° BEND	11¼° BEND
6"	3.6	5.4	2.5	1.5	0.8
8"	6.3	8.9	4.8	2.5	1.3
10"	9.9	13.9	7.6	3.9	2.0
12"	14.2	20.0	10.9	5.6	2.8

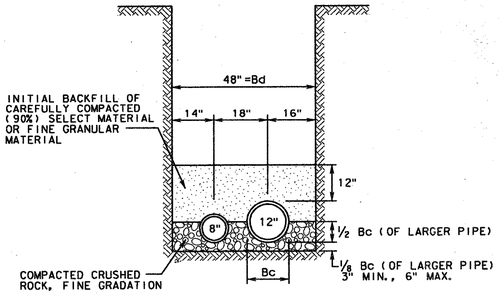
NOTE:
AREAS BASED ON PIPE BURST PRESSURE OF 250 PSI.

SOIL BEARING PRESSURE	MULTIPLIER
1000	2.0
1500	1.33
2000	1.0
3000	0.67

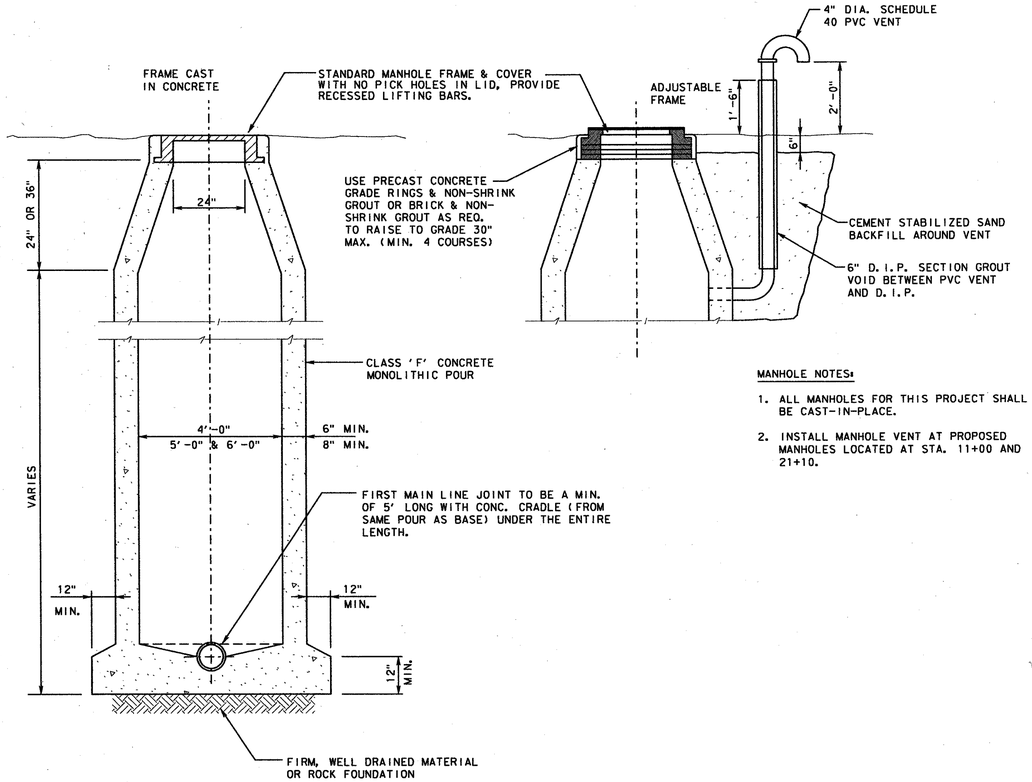
THRUST BLOCK DETAILS
NOT TO SCALE



BEDDING DETAIL
CLASS "B"



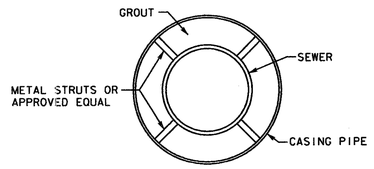
PVC FORCEMAIN EMBEDMENT DETAIL



MANHOLE NOTES:

1. ALL MANHOLES FOR THIS PROJECT SHALL BE CAST-IN-PLACE.
2. INSTALL MANHOLE VENT AT PROPOSED MANHOLES LOCATED AT STA. 11+00 AND 21+10.

STANDARD CAST-IN-PLACE CONCRETE MANHOLE
NOT TO SCALE



CARRIER PIPE (DIA.)	CASING PIPE (DIA.)	STEEL PIPE WALL THICKNESS
8"	16"	¼"
12"	20"	5/16"
15"	24"	⅜"

CASING DETAIL
FOR BORING

STATE OF TEXAS
JOHN H. LINDNER
64694
REGISTERED PROFESSIONAL ENGINEER
3/24/95

NO.	DATE	REVISION	APPROV.
4			
3			
2			
1			

TOWN OF ADDISON, TEXAS
MIDWAY/BELTLINE SANITARY SEWER
SANITARY SEWER DETAILS
( )

Carter::Burgess
Consultants in Engineering, Architecture, Planning and the Environment
CARTER & BURGESS, INC.
7950 ELMBROOK DRIVE, SUITE 250
DALLAS, TX 75247-4961

Unit		Scale: 1" = 2'	Date 03-23-95
Designed	D. Moore	Checked J. Lindner	Job No. 933276010
Drawn	B. Sowels	Approved J. Lindner	Sheet 10 of 11