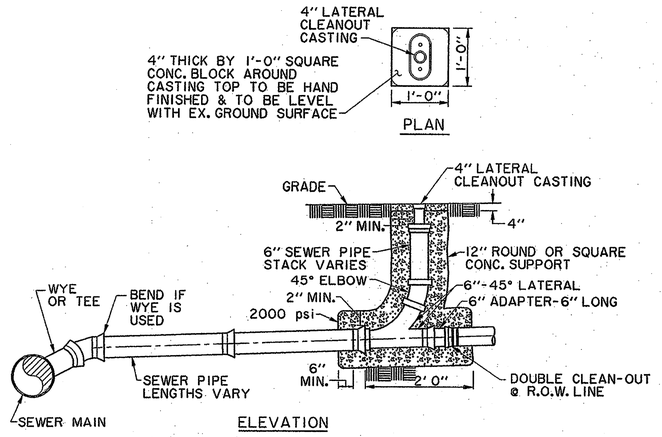
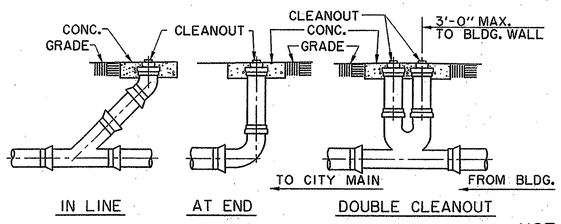


SANITARY SEWER CLEANOUT DETAIL

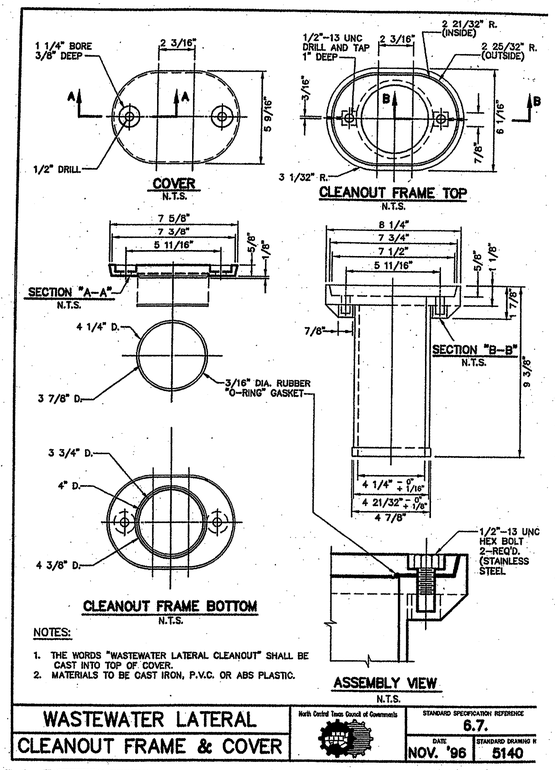
NTS

PVC SANITARY SEWER PIPE TO BE SDR 35 OR SDR 26 (AS NOTED ON PLANS) WITH INTEGRAL BELL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD LOCATE HORIZONTALLY EACH SERVICE IN RELATION TO THE SANITARY SEWER STATIONING.

FIELD TIES ARE TO BE INCLUDED & RECORDED ON ALUMINIZED SANITARY SEWER TAPE. THIS TAPE, GREEN OR RED IN COLOR IS TO BE ATTACHED TO THE 6" SERVICE AT THE R.O.W. LINE AND BROUGHT TO THE SURFACE TO BE USED AS A PERMANENT MARKER.



TYPICAL CLEANOUTS



NOTES:

1. THE WORDS "WASTEWATER LATERAL CLEANOUT" SHALL BE CAST INTO TOP OF COVER.
2. MATERIALS TO BE CAST IRON, P.V.C. OR ABS PLASTIC.

WASTEWATER LATERAL CLEANOUT FRAME & COVER	North Central Texas Council of Governments	STANDARD SPECIFICATION REFERENCE 6.7.	
		DATE NOV. '96	STANDARD DRAWING # 5140

EMBEDMENT DETAILS FOR SANITARY SEWER

TABLE OF QUANTITIES OF 2000 psi CONCRETE, GRAVEL OR CRUSHED STONE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT

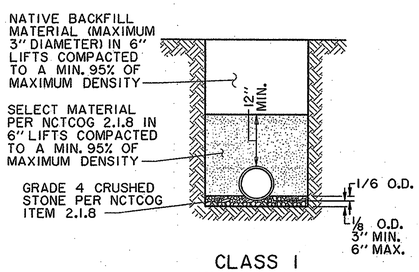
TABLE OF QUANTITIES PER 100 LINEAR FEET REINFORCED CONCRETE PIPE

SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 1 EMBEDMENT CRUSHED STONE	CLASS 2 EMBEDMENT CONCRETE	CLASS 3 EMBEDMENT CONCRETE	CONCRETE ENCASEMENT
12	16.00	32	2.67	4.1	6.5	4.8	15.8
15	19.50	36	3.00	4.8	7.8	6.4	19.2
18	23.00	39	3.25	5.7	9.2	8.2	21.2
21	26.50	43	3.58	6.9	11.0	10.2	24.9
24	30.00	46	3.83	8.3	13.1	12.4	28.7
27	33.50	51	4.25	10.3	16.1	14.4	32.8
30	37.00	57	4.75	12.7	20.1	17.0	34.8
33	40.50	62	5.17	15.1	23.8	19.3	39.2
36	44.00	67	5.58	18.0	28.6	22.1	43.8

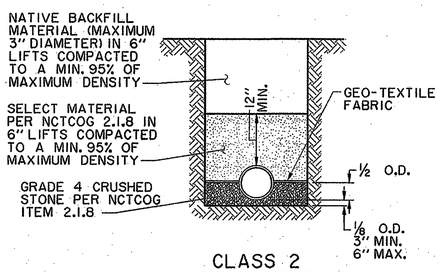
TABLE OF QUANTITIES PER 100 LINEAR FEET-PVC PIPE (IN CUBIC YARDS)

SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 4 EMBEDMENT CRUSHED STONE	CONCRETE ENCASEMENT
6	6.28	24	2.00	8.0	11.7
8	8.16	24	2.00	8.7	12.4
10	10.20	26	2.18	10.2	14.2
12	12.24	28	2.35	11.7	15.9
16	15.30	31	2.61	14.0	18.8
24		36	3.0		
30		42	3.5		

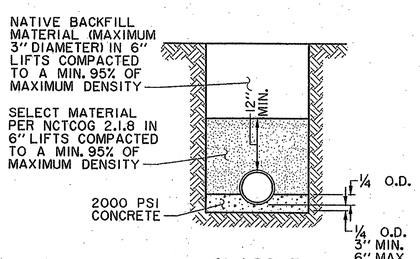
USE CLASS 2 EMBEDMENT UNLESS OTHERWISE NOTED



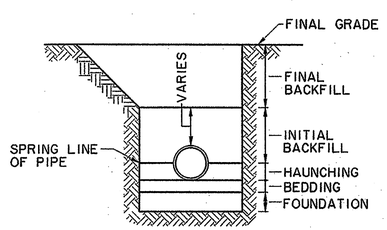
CLASS 1 EMBEDMENT
LOAD FACTOR = 1.5
N.T.S.



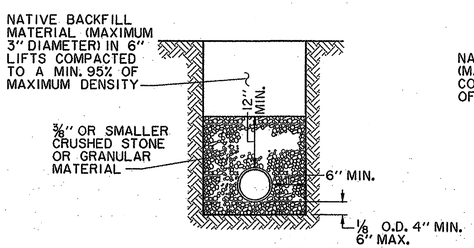
CLASS 2 EMBEDMENT
LOAD FACTOR = 1.9
N.T.S.



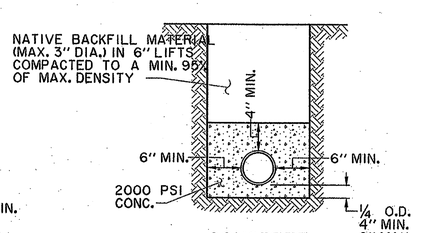
CLASS 3 EMBEDMENT
LOAD FACTOR = 2.8
N.T.S.



EMBEDMENT ZONES
NTS



CLASS 4 EMBEDMENT
(SDR35 AND SDR26 P.V.C. PIPE ONLY)
LOAD FACTOR = 2.0
NTS



CONCRETE ENCASEMENT
LOAD FACTOR = 4.2
N.T.S.

TYPICAL NATIVE MATERIAL COMPACTED TO:
95% OF STANDARD PROCTOR DENSITY @ OPTIMUM MOISTURE 0 TO +3% UNDER PVMT.
95% OF STANDARD PROCTOR DENSITY @ OPTIMUM MOISTURE 0 TO +3% OUTSIDE CURB LINES JETTING IS NOT ALLOWED BACKFILL TO BE COMPACTED IN 6"+/- LIFTS
TYPICAL NATIVE MATERIAL (MAX. 3" DIA.)

DATE	DESCRIPTION	REF NO.

WASTEWATER DETAILS

QUORUM DRIVE

TOWN OF ADDISON, TEXAS

Huitt - Zollars, Inc.
3131 Mckinney Ave., Suite 600, Dallas, TX 75204
Phone (214) 871-3311/Fax (214) 871-0757

DESIGN	CHECKED	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI		N.T.S.	01/12/07		C17a

h:\proj\0134080l\dgn\3408WWDET2.DGN