



TYPICAL NATIVE MATERIAL COMPACTED TO:
95% OF STANDARD PROCTOR DENSITY AT OPTIMUM MOISTURE 0 TO +3% UNDER PAVEMENT
95% OF STANDARD PROCTOR DENSITY AT 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.)

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		

RECORD DRAWING

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAVID E. MEYERS, P.E. 81512



DATE	DESCRIPTION	REF NO.
6/23/99	ISSUED FOR CONSTRUCTION	N/A
5/17/99	ISSUED FOR BID	N/A

WASTEWATER DETAILS						
ADDISON CIRCLE						
PHASE II-B PUBLIC INFRASTRUCTURE						
TOWN OF ADDISON, TEXAS						
<small>HUTT - Zoltars, Inc. 3131 McKinney Ave., Suite 600, Dallas, TX 75204 Phone (214) 871-3311/Fax (214) 871-0757</small>						
DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI	DEM	N.T.S.	MAR. 99	01-1822-50	WW3

B:\AUC31Y12\01-1822-50\DWG\AUC31Y12.DWG
 DATE PLOTTED: 03/23/99 10:00 AM
 PLOTTER: HP DesignJet 500
 PLOTTER DRIVER: HPGL2
 PLOTTER MODEL: HP DesignJet 500
 PLOTTER SERIAL: 123456789
 PLOTTER PORT: LPT1
 PLOTTER SCALE: 1:1
 PLOTTER SHEETS: 1
 PLOTTER SHEET NO.: 1
 PLOTTER SHEET TOTAL: 1
 PLOTTER SHEET NAME: AUC31Y12.DWG
 PLOTTER SHEET TITLE: WASTEWATER DETAILS
 PLOTTER SHEET SUBTITLE: ADDISON CIRCLE
 PLOTTER SHEET PROJECT: PHASE II-B PUBLIC INFRASTRUCTURE
 PLOTTER SHEET TOWN: TOWN OF ADDISON, TEXAS
 PLOTTER SHEET DRAWN BY: HZI
 PLOTTER SHEET CHECKED BY: DEM
 PLOTTER SHEET DATE: MAR. 99
 PLOTTER SHEET SCALE: N.T.S.
 PLOTTER SHEET PROJECT NO.: 01-1822-50
 PLOTTER SHEET NO.: WW3