

HYDRAULIC TABLE

SECTION No.	PIPE (inches)	SLOPE (%)	Q ₁₀₀ (cfs)	C (cfs)	V ₁₀₀ (fps)	V ² /2g	n	S _f (ft/ft)
1	18	0.40	7.18	6.67	4.06	0.25634	0.013	0.0046
2	24	0.50	34.94	101.57	2.78	0.12001	0.013	0.0006
3	24	0.50	9.59	16.05	3.05	0.14469	0.013	0.0018
4	24	0.50	3.82	16.05	1.22	0.02296	0.013	0.0003
5	18	0.50	3.92	7.45	2.16	0.07256	0.013	0.0013
6	24	0.50	1.70	7.45	0.16	0.01437	0.013	0.0003
7	24	0.44	5.77	16.05	1.84	0.05257	0.013	0.0007
8	24	0.50	5.77	16.05	1.84	0.05257	0.013	0.0007
9	24	0.50	3.56	16.05	1.13	0.01983	0.013	0.0002
10	30	1.56	17.80	51.23	3.63	0.20461	0.013	0.0019
11	30	1.56	15.09	51.23	3.07	0.14635	0.013	0.0014
12	24	1.56	15.09	28.26	4.80	0.35776	0.013	0.0044
13	24	1.56	8.56	28.26	2.72	0.11488	0.013	0.0014
14	24	1.56	6.95	28.26	2.21	0.07584	0.013	0.0009
15	18	1.56	6.95	13.12	3.93	0.23983	0.013	0.0044
16	18	1.39	2.71	12.38	1.53	0.03636	0.013	0.0007
17	18	0.56	6.53	7.86	3.70	0.21258	0.013	0.0039
18	18	0.56	3.48	7.86	1.97	0.06026	0.013	0.0011
19	18	0.20	5.00	2.83	2.83	0.12431	0.013	0.0023
20	18	0.40	7.55	6.83	4.27	0.2844	0.013	0.0041
21	18	0.40	5.68	6.67	3.21	0.16042	0.013	0.0029
22	18	0.40	3.90	6.67	2.21	0.07563	0.013	0.0014
23	18	0.40	1.78	6.67	1.01	0.01575	0.013	0.0003
24	18	1.00	3.73	10.50	2.11	0.06918	0.013	0.0013
25	18	0.20	7.44	3.73	30.24	2.11	0.06918	0.013
26	18	2.85	7.44	1.24	0.2407	0.02407	0.013	0.0004
27	18	2.85	2.20	17.73	1.24	0.02407	0.013	0.0004
28	18	3.24	3.65	18.91	2.07	0.06654	0.013	0.0012
29	18	3.24	1.70	18.91	0.96	0.01431	0.013	0.0003

PARTIAL FLOW
Dp (feet) | Vp (fps)
0.44 | 8.53
0.30 | 6.84

RECORD DRAWING
THIS DRAWING HAS BEEN REVISED TO REFLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT.
CONTRACTOR: THE HUBBLE GROUP
DATE REVISED: 11/10/98

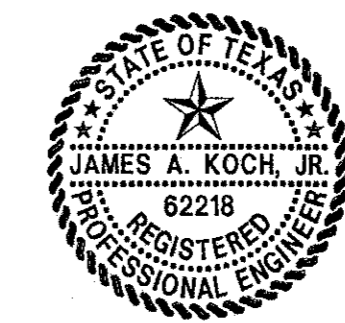
CONTACT:
MR ED KEAH, OPERATING SUPPORT SECTION
DISTRIBUTION DEPARTMENT, 2 WORKING
DAYS PRIOR TO EXCAVATING T.U. ELECTRIC
FACILITIES.
PHONE: (214)698-7239 OR (214)698-7207

CAUTION!!
UNDERGROUND TELEPHONE
IN AREA - CONTACT S.W.B.T.
48 HOURS PRIOR TO CONSTRUCTION
PHONE: 1-800-315-0440

CAUTION!!
GAS LINE IN AREA - CONTACT
LONE STAR GAS 48 HOURS
PRIOR TO CONSTRUCTION
PHONE: (214)263-DIGG

- BENCHMARK LIST**
- "□" CUT ON TOP OF CURB IN FRONT OF FIRE HYDRANT ON NORTH SIDE OF BELTWAY DRIVE, 160± FEET EAST OF CENTERLINE OF LA GRANDE DRIVE. EL = 629.57
 - "□" CUT ON TOP OF CURB ON NORTH WEST CORNER OF PARKING LOT AT 14833 MIDWAY ROAD. EL = 630.53
 - "□" CUT ON TOP OF CURB OF SOUTHWEST CORNER OF PARKING LOT AT 14833 MIDWAY ROAD. EL = 628.75

REVISED: FEBRUARY 2, 1997



PACHECO KOCH Consulting Engineers, Inc. 9401 LBJ Freeway, Suite 300 Dallas, Texas 75243 (972) 235-3031

DRAINAGE PROFILE
TOWNE LAKE ADDITION
THOMAS L. CHENOWETH SURVEY
ABSTRACT No. 273
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
JAK	BB	02/10/97	1"=40'H 1"=5'V			C-3.2