

- * BENCH MARKS ***
- BOX CUT IN CONC. BASE OF CIVIL DEFENSE SIREN 30.8' RT. ST. STA. 3+22 SUMMER LEE DRIVE. ELEV. 520.33
 - RAILROAD SPIKE SET IN 25' PECAN TREE 76.4' LT. ST. STA. 11+37 SUMMER LEE DRIVE. ELEV. 471.34

NOTE:
SEE SHEET 9 FOR F.H. RELOCATION AT 1H-30 & LAKEFRONT TRAIL

SANITARY SEWER & WATER LINE CROSSING TABLE

POINT	I.S.S.	T.O.P. W.L.
①	8" S.S. = 508.96	10' W.L. = 521.3
②	8" S.S. = 488.43	6" W.L. = 486.2
③	8" S.S. = 482.97	8" W.L. = 491.8
④	6" S.S. = 546.77	8" W.L. = 549.5
⑤	8" S.S. = 501.54	8" W.L. = 512.0
⑥	6" S.S. = 524.28	6" W.L. = 529.7

SANITARY SEWER & STORM DRAIN CROSSING TABLE

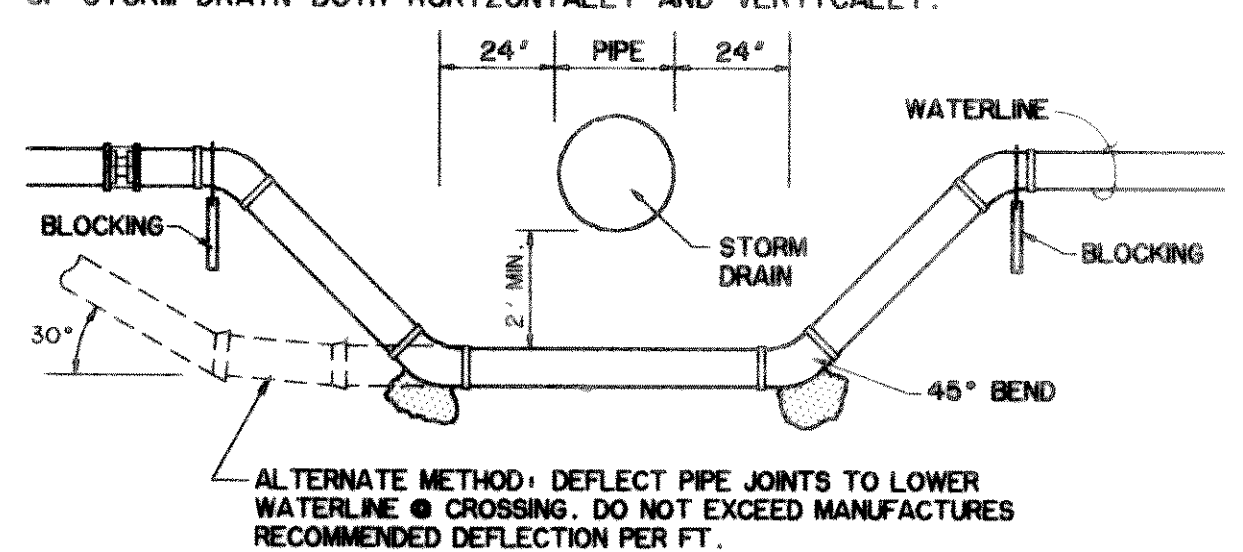
POINT	I.S.S.	T.O.P. S.D.
①	8" S.S. = 490.57	18" S.D. = 492.95
②	8" S.S. = 487.90	24" S.D. = 489.45
③	8" S.S. = 485.08	18" S.D. = 488.24
④	8" S.S. = 482.61	18" S.D. = 486.22
⑤	8" S.S. = 497.90	36" S.D. = 505.53
⑥	8" S.S. = 499.81	27" S.D. = 507.26

WATER LINE & STORM DRAIN CROSSING TABLE

POINT	T.O.P. W.L.	I.S.D.
①	6" W.L. = 487.8	21" S.D. = 489.94
②	8" W.L. = 482.6	36" S.D. = 484.69
③	6" W.L. = 480.5	36" S.D. = 482.49
④	8" W.L. = 510.50	30" S.D. = 506.42
⑤	18" SLEEVE = 467.16	45" S.D. = 468.56

*SEE NOTE NO. 18

- GENERAL NOTES**
- UNLESS OTHERWISE NOTED, ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CURRENT CITY OF ROCKWALL "STANDARD SPECIFICATIONS FOR CONSTRUCTION, STANDARD DETAILS FOR THE CITY OF ROCKWALL" MANUAL.
 - ALL DUCTILE IRON FITTINGS SHALL BE OF THE MECHANICAL JOINT TYPE OR SLIP JOINT, EXCEPT AS NOTED, AND SHALL BE CLASS "D" OR CLASS 250 ON SIZES 12" AND SMALLER IN ACCORDANCE WITH ANWA SPECIFICATION C-111-64.
 - WATER MAINS SHALL HAVE A MINIMUM COVER OF 36".
 - FIRE HYDRANTS SHALL BE EITHER MUELLER, AMERICAN DARLING OR AN APPROVED EQUAL CONFORMING TO THE REQUIREMENTS SET FORTH IN THE CITY OF ROCKWALL "STANDARD SPECIFICATIONS FOR CONSTRUCTION". ALL FIRE HYDRANTS SHALL BE INSTALLED WITH A 6-INCH GATE VALVE ON THE HYDRANT LEAD AND WILL BE PLACED 7 FEET FROM BACK OF CURB UNLESS OTHERWISE INDICATED ON THE PLANS OR AS REQUIRED TO CLEAR SIDEWALK. DO NOT PLACE FIRE HYDRANTS IN STREET CURB RETURNS.
 - FIRE HYDRANT BONNETS AND CAPS WILL BE PAINTED TO CONFORM WITH CITY SPECIFICATIONS FOR COLOR CODE AS SET FORTH IN THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION".
 - GATE VALVES SHALL BE MANUFACTURED BY MUELLER OR KENNEDY, OR AN APPROVED EQUAL AND SHALL CONFORM TO AND SHALL BE INSTALLED ACCORDING TO THE CITY OF ROCKWALL "STANDARD SPECIFICATIONS FOR CONSTRUCTION".
 - FLUSH VALVES OR AN APPROVED EQUAL SHALL BE INSTALLED ON ALL DEAD-END WATER LINES AND SHALL COMPLY WITH THE CITY OF ROCKWALL STANDARD DETAILS.
 - WHENEVER SANITARY SEWER MAINS ARE LOCATED IN THE STREET, IT SHALL BE PLACED 7 FEET BACK OF CURB, UNLESS OTHERWISE SHOWN ON PLANS. ALL WATER AND SANITARY SEWER MAINS SHALL HAVE A 10.0 FEET MINIMUM LATERAL SEPARATION.
 - SEWER PIPE AND SERVICES SHALL BE SDR35 P.V.C. GRAVITY PIPE UNLESS SHOWN OTHERWISE ON THESE PLANS.
 - IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY OF ROCKWALL "STANDARD SPECIFICATIONS FOR CONSTRUCTION", THE CITY ENGINEER'S DECISION SHALL APPLY.
 - AT WATER AND SEWER MAIN CROSSINGS, SEWER PIPE JOINTS SHALL NOT BE LOCATED CLOSER THAN TEN HORIZONTAL FEET FROM THE WATER MAIN. THIS CONDITION CANNOT BE ADHERED TO, THE SEWER PIPE JOINTS SHALL BE PRESSURE TYPE. (150 P.S.I. MINIMUM)
 - THE GENERAL CROSSING LOCATIONS FOR STORM DRAIN PIPES ARE SHOWN AND DENOTED HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE STORM DRAIN CROSSING FROM THE PLAN INFORMATION PROVIDED HEREON AND ELSEWHERE IN THESE PLANS. THE VERTICAL CLEARANCES BETWEEN WATER, SANITARY SEWER, AND STORM DRAIN PIPE LINES SHOWN ON THESE PLANS SHALL BE ADHERED TO.
 - ALL SANITARY SEWER SERVICE LATERALS SHALL INCLUDE 4" WYE, BEND, PIPE, AND STOPPER INSTALLED 10.0 FEET DOWNSTREAM OF THE CENTERLINE OF LOTS, UNLESS OTHERWISE SHOWN ON PLANS.
 - ALL WATER SERVICE LINES SHALL BE LOCATED AT THE CENTERLINE OF LOTS UNLESS OTHERWISE SHOWN ON PLANS.
 - ALL 1" WATER SERVICES WILL CONSIST OF MINIMUM 1" MUELLER CORPORATION STOP NO. H-15008 OR HAYS EQUAL. MINIMUM TYPE "K" COPPER TUBING, 1" ANGLE METER STOP MUELLER NO. H-14253, MUELLER H-10899 OR HAYS EQUAL, AND METER BOX, UNLESS OTHERWISE INDICATED ON THE PLANS. ANGLE STOPS WILL BE LOCATED WITHIN THE METER BOX AND FACING TOWARD THE LOT PER CITY OF ROCKWALL STANDARD CONSTRUCTION DETAILS.
 - METER BOX SHALL BE 18" DIAMETER BY 14" DEEP CORRUGATED GALVANIZED SLOTTED METAL BOX WITH CAST IRON TOP AND 1.0" METER BOX SHALL BE LOCATED 5 FEET 6 INCHES (5'-6") BEHIND THE CURB AND INSTALLED AFTER STREET PAVEMENT HAS BEEN PROPERLY BACKFILLED.
 - TRENCH WALLS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE LATEST OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS AND MAY BE SLOPED OR VERTICAL ABOVE THE PIPE EMBEDMENT AT THE CONTRACTOR'S OPTION. IN SOME LOCATIONS, THE AVAILABLE WORKING AREA MAY BE INADEQUATE TO ALLOW FOR FULLY SLOPED TRENCH WALLS. IN THESE AREAS, THE CONTRACTOR SHALL PROVIDE TEMPORARY SHEETING, SHORING OR BRACING OF TRENCH WALLS, AS NECESSARY, IN STRICT ACCORDANCE WITH O.S.H.A. STANDARDS, TO PREVENT SLIDES, CAVE-INS, SETTLEMENT OR MOVEMENT OF THE BANKS AND TO PROVIDE SAFE WORKING CONDITIONS FOR WORKMEN. PAYMENT FOR SLOPED OR SHEETED, SHORED OR BRACED TRENCH WALLS CONSTRUCTED IN ACCORDANCE WITH O.S.H.A. STANDARDS SHALL BE LIMITED TO THE BID ITEMS IN THE PROPOSAL FOR TRENCH SAFETY SYSTEMS. TRENCH CONSTRUCTION SHALL BE LIMITED TO THE STREET RIGHT-OF-WAY. PERMANENT EASEMENTS AND AREAS DELINEATED AS LIMITS OF CONSTRUCTION AS SHOWN ON THE PLANS.
 - CAUTION: SANITARY SEWER LINE IS IN CLOSE PROXIMITY OF STORM DRAIN BOTH HORIZONTALLY AND VERTICALLY.



RECORD PLANS
12-18-95

STORM DRAIN CROSSING DETAIL

N.T.S.

SANITARY SEWER CURVE DATA

NO.	RADIUS	DELTA	ARC	TANGENT	CHORD	BEARING
312	250.00	04°26'50"	19.40	9.71	19.40	S 47°38'15"W
313	523.50	08°20'06"	76.15	38.14	76.09	S 41°14'47"W
314	278.50	26°26'45"	128.55	65.44	127.41	S 32°25'39"E
315	523.50	12°35'24"	115.03	57.75	114.80	S 12°54'35"E
316	321.50	08°40'56"	48.72	24.41	48.67	S 50°56'01"E
317	471.50	06°56'35"	32.90	16.47	32.88	S 43°07'16"E
318	478.50	06°56'35"	57.98	29.03	57.95	S 43°07'16"E
319	253.50	07°13'57"	32.00	16.02	31.98	S 50°12'32"E
320	521.50	08°22'34"	76.24	38.19	76.17	S 42°24'16"E
322	228.50	02°51'04"	11.37	5.69	11.37	S 39°38'31"E
323	250.00	34°42'56"	151.48	78.14	149.17	S 27°02'00"W
324	523.50	43°41'38"	399.22	209.88	389.62	S 15°13'56"W

ROCKWALL HARBOR JOINT VENTURE
VOL. 617, PG. 106

4.0470 ACRES
LAKESIDE NATIONAL BANK
VOL. 406, PG. 240

3.423 ACRES
TRACT I
PROVIDENCE TRUST Co. TTEE
FBO GEORGE R. ROLAND MD PSP H 3585
VOL. 695, PG. 122

6.7891 ACRES
ROBERT R. & CECILIA J. HAWK
VOL. 776, PG. 271

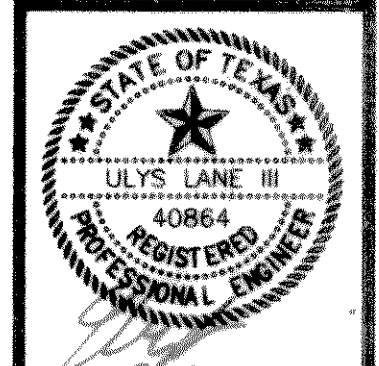
SIGNAL RIDGE No. 1



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CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

WATER & SEWER
SANITARY SEWER
LAYOUT



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