



- General Notes:**
- Where water pipelines either cross or otherwise come within 9 feet of a Sanitary Sewer Pipeline the sewer pipeline shall be either cast iron or PVC pipe with a minimum working pressure Class of 150 PSI.
  - It shall be the responsibility of the contractor to locate and verify all existing utilities prior to the beginning of construction to insure no conflicts between all utility lines.
  - Water to be class 200.
  - Electrical Trench across road shall be compacted to 75% compaction.
  - Sanitary sewer shall be TV'd & pressure tested.
  - Water shall be pressure tested.
  - Manholes shall be vacuum tested.
- B.M.  
Top Nut of F.H. at Intersection of Yacht Club Drive & Harbor Landing Drive  
Elev. 514.57

**SANITARY SEWER CURVE DATA**

NO.	DELTA	RADIUS	TANGENT	CHORD	LENGTH
S1	12°32'10"	443.25'	48.09'	96.77'	96.98'
S2	18°55'06"	171.50'	28.57'	56.37'	56.63'
S3	15°05'43"	821.50'	108.85'	215.81'	216.43'
S4	11°28'42"	150.0'	15.08'	30.0'	30.05'
S5	14°50'06"	150.0'	19.53'	38.73'	38.84'
S6	18°18'32"	150.0'	24.17'	47.73'	47.93'
S7	10°57'11"	150.0'	13.94'	27.70'	27.80'
S8	39°02'35"	150.0'	53.18'	102.25'	102.21'
S9	23°11'15"	150.0'	30.71'	60.29'	60.70'

**SANITARY SEWER FORCE MAIN CURVE DATA**

NO.	DELTA	RADIUS	TANGENT	CHORD	LENGTH
F1	10°37'11"	150.0'	13.94'	27.70'	27.80'
F2	18°10'52"	150.0'	24.17'	47.73'	47.93'

\* 2 CONDUITS SAME TRENCH, (32x40)  
\* LOCATE TRANSFORMER BEHIND FIRE HYDRANT.

REVISION DESCRIPTION	DATE	SCALE	DESIGN	DRAWN
1. Revisions	10-02-96			
2. Revisions per City of Rockwall review	11-03-98			
3. Revisions	11-20-98			
4. Revisions	12-29-98			
	4-14-87	1"=50'	D.M.H.	D.M.H.

**HAROLD L. EVANS & ASSOCIATES**  
Consulting Engineers  
P.O. Box 28355  
2331 Gus Thomasson Road, Suite 102  
Dallas, Texas 75228 (214) 328-8133

**WATER & SANITARY SEWER**  
**HARBOR LANDING PHASE TWO**  
**CITY OF ROCKWALL**  
**ROCKWALL COUNTY, TEXAS**

**SHEET NO.**  
7/10

**JOB NO.**  
8755

9873