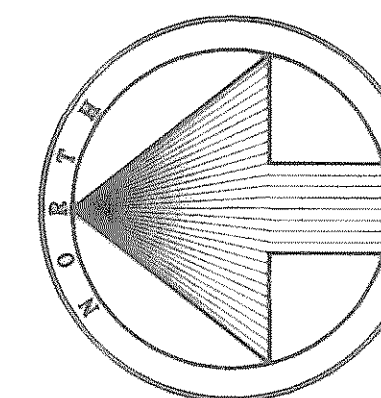




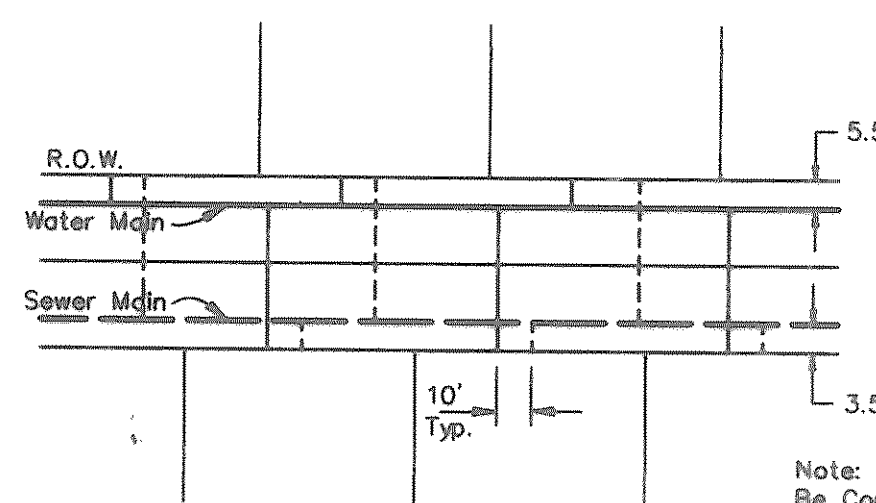
Water Line In Wrong Place
Rockwall Info

GENERAL NOTES

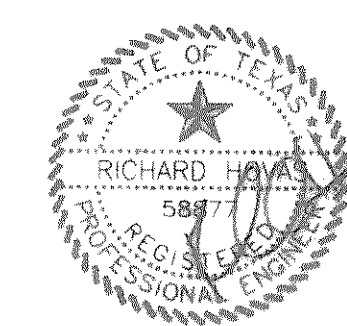
- All water lines shall be PVC Class 150 DR 18. Alternate may be D.I. Class 51 with Polywrap.
- All water lines to have 42" minimum cover below approved street grades as required to clear other utilities.
- All water services to be 1" polyethylene 200 PSI SDR bullheads located on the lot line with cut-offs 3'-6" behind curb.
- All sanitary sewer laterals shall be 4" and located in the center of the lot, unless otherwise shown on plans.
- All water mains shall pass a four (4) hour 200 psi pressure test in accordance with the City of Rockwall Specifications. Test to be made by the Contractor.
- The Contractor shall record the location of all water and sewer services relative to lot corners. He shall also record any additions, deletions, or revisions to the plans which take place in the field. This information is to be furnished to the Engineer immediately after installation for the purpose of preparing "as-built" plans.
- Meter boxes will be supplied & installed by the Contractor.
- The Contractor shall be responsible for coordinating line and grade for all water, sanitary sewer, and storm sewer and appurtenances. The Engineer shall furnish this information upon request.
- Plastic tape for utility to be attached to the end of all water and sewer service lines, and extended above ground level. The tape shall meet the following specifications:
 - "Allen Marking Tape" or equal
 - Toll marked continuously "Caution - Water Line" or "Caution - Sewer Line"
 - Six (6) inches in width
 - Red tape for sewer services
 - Blue tape for water services
- All existing underground facilities, such as existing water lines, sanitary sewer lines, gas lines, storm sewer lines, telephone conduits, electrical conduits, etc., that might conflict with our proposed underground facilities must be uncovered and the location verified with the Contractor prior to any underground construction for this project. The Engineer shall assist the Contractor in determining locations and elevations of these existing underground facilities.
- Ductile iron pipe shall be used at all utility crossings, 10 feet on each side.
- Where ductile iron pipe is used at utility crossings, pipe shall be Class 51 with Polywrap.

Sanitary Sewer Curves

SS Crv. 1 A=2115'05" R=200' T=37.52' L=74.18'	SS Crv. 2 A=1525'55" R=228.50' T=30.96' L=61.54'	SS Crv. 3 A=4504'12" R=271.50' T=112.65' L=213.57'
SS Crv. 4 A=3516'31" R=228.50' T=72.65' L=140.68'	SS Crv. 5 A=4223'51" R=230.50' T=89.40' L=170.56'	SS Crv. 6 A=4625'45" R=228.50' T=98.00' L=185.16'
SS Crv. 7 A=1001'05" R=200' T=17.53' L=34.97'	SS Crv. 8 A=1107'58" R=271.50' T=26.46' L=52.75'	SS Crv. 9 A=4258'44" R=271.50' T=106.80' L=203.50'
SS Crv. 10 A=1642'04" R=271.50' T=39.85' L=79.14'	SS Crv. 11 A=2356'09" R=250.00' T=52.99' L=104.44'	SS Crv. 12 A=6016'39" R=250.00' T=145.15' L=263.01'



TYPICAL WATER & SEWER
SERVICE DETAIL



The seal appearing on this document was authorized by Richard Hovav, P.E. 58877

2-6-95 4032WS

WATER & SEWER PLAN						
RANDOM OAKS AT THE SHORES						
City of Rockwall, Texas						
TIPTON ENGINEERING, INC.						
6330 Belt Line Rd. ~ Suite C ~ Garland, Texas 75043						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
T.E. Inc.	T.E. Inc.	11/94	1"=100'		4032	11