



- GENERAL NOTES
- All water mains shall be manufactured in accordance with the requirements of A.W.W.A. C-900-75, PVC pipe with cast iron outside dimensions and rubber ring joints. Pipe shall have a minimum wall thickness equal to, or exceeding Standard Dimension Ratio (SDR) 18. Pipe fittings shall meet the same requirements as the pipe.
 - Water mains shall be installed with minimum cover as listed below (measured from the lowest property line grade of street) or sufficient cover to clear other utilities and inlets. 6" and 8" - 48" Min. Cover.
 - Fire hydrants shall be placed adjacent to the back of curb located as shown on the plans. Hydrants shall be "Centurion" and painted in accordance with the state insurance board code.
 - All water services shall be located 10-feet upstream from sanitary sewer laterals unless otherwise noted.
 - PVC pipe fittings shall have either a solvent joint or elastomeric gasket joint to be approved by the City of Addison. The spigot ends of the pipe and fittings shall be marked so that the Contractor may readily determine when the spigot has reached the proper depth in the socket.
 - The PVC sewer pipe shall be installed in accordance with ASTM Designation D-2321-74. Bell holes shall be excavated in the bedding material to allow for unobstructed assembly of the joint.
 - All sanitary sewer laterals shall be 6" PVC pipe and include wye, bend, stopper and embedment, installed in accordance with the detail shown on the plans.
 - Water and sanitary sewer mains shall be installed in embedment as shown on the "Water and Sanitary Sewer Embedment Detail", unless otherwise specified.
 - Sanitary sewer manholes and cleanouts shall be constructed in accordance with the City of Addison Standard Specifications. All manholes shall be constructed without steps; PVC pipe to manhole connection shall be made with special couplings designed for this purpose.
 - Unless otherwise noted, all materials and construction shall conform to the Standard Specifications of the City of Addison.
 - All PVC water pipe shall have an insulated 18 gage copper trace wire installed directly on top of the pipe and attached permanently to the Fire Hydrants. The contractor shall be responsible for the accurate placement of the trace wire during backfill operations.

CURVE DATA

Station	Δ	R	T	L	Station	Δ	R	T	L
1	45° 16' 48"	243.00'	101.35'	168.33'	4	20° 36' 10"	300.00'	54.53'	107.88'
2	44° 55' 18"	245.36'	101.35'	168.72'	5	89° 46' 09"	20.00'	14.92'	31.34'
3	69° 37' 50"	20.00'	13.91'	24.31'	6	23° 24' 39"	300.00'	54.53'	122.58'

NOTE: install locking corrugated iron meter box over Curb Stop of 8" Water Valve slack on Envel 8" Water Main Connections.

Additional costs resulting from changes, alterations and/or additions not approved by the Owners Engineer shall be at the expense of the Contractor.

B.M.: "□" Top Hdwl. @ W. Side Midway Rd. @ 1150' N. of Midway Rd. & Keller Springs. Elev. 602.40'

"As Built" 7-20-79



WATER & SEWER PLAN
BELTWOOD NORTH PHASE 2
 GEO. SYMS SURVEY, ABSTRACT 1344
 ADDISON, TEXAS

Rev. 10-20-78 - 8" Water of 3/4" Serv. on Envel 8" D.I.P. Water
 Rev. 10-3-78 - 6" Water Service to Lots 3 & 9
 Rev. 9-18-78 - LINE "A" - Last Curve

DATE MAY, 1978 SCALE 1" = 100' SHEET 6
DONALD C. MOREAU CONSULTING ENGINEER
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