

CURVE NO.	DELTA	RADIUS	ARC	CHORD BEARING	CHORD
C1	14°02'46"	200.00'	49.03'	S89°58'31"E	48.91'
C2	09°56'06"	200.00'	34.68'	N85°58'03"E	34.64'
C3	33°19'58"	200.00'	119.35'	N69°47'28"E	114.72'
C4	09°19'24"	135.00'	87.01'	S00°13'48"E	86.98'
C5	04°45'06"	563.50'	46.73'	S00°03'21"W	46.72'

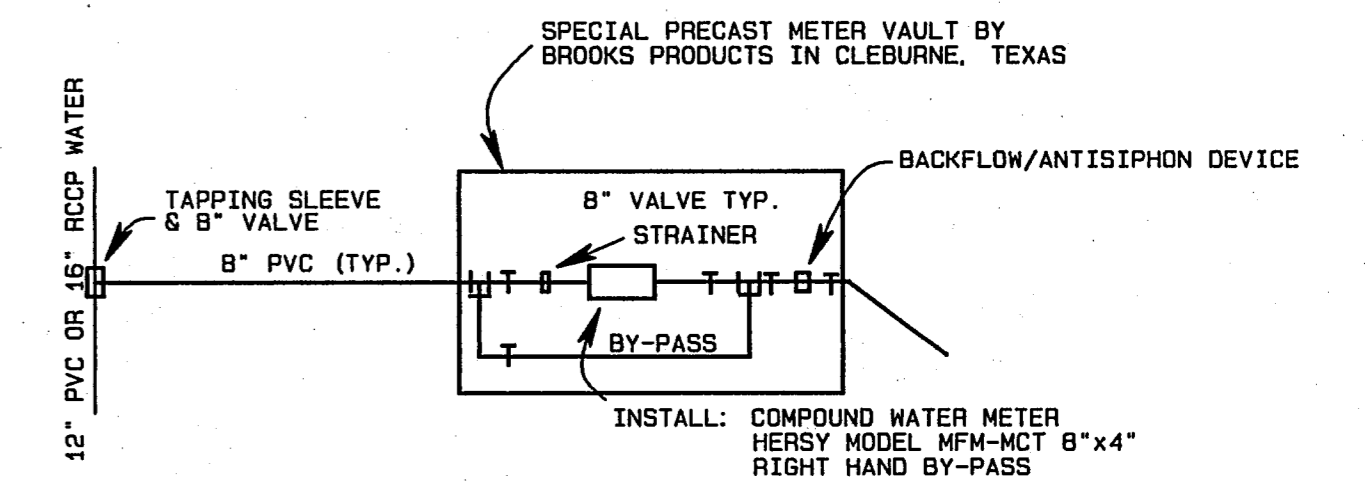
REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY

**WATER & SANITARY GENERAL NOTES**

- Unless otherwise noted all material and construction shall conform to applicable specifications of the Town of Addison with amendments - The North Central Texas Council of Governments "Standard Specifications for Public Works Construction", Parts I and II, latest edition.
- All water mains shall be PVC SDR-18 water pipe.
- Except as noted, all sanitary sewer mains shall be PVC SDR-35 and shall have integral wall bell and spigot joints.
- All water mains shall have a minimum cover below finished grades as follows: 6" & 8" - 48", 12" - 60", or as required to clear other utilities.
- The location of all existing utilities are taken from existing public records. The exact location must be determined by the Contractor. It is the responsibility of the contractor to ascertain whether any other facilities (additional), other than those shown on the plans are present.
- All utility and service laterals trenches shall be backfilled and compacted to 95% Standard Proctor Density.
- All manholes, cleanouts, valve boxes, fire hydrants, etc., must be adjusted to proper line and grade by the Contractor after placing of permanent paving.
- All fire hydrants shall be Mueller Centurion.
- No. 12 plastic coated wire shall be placed in the trench over all water lines. The wire will be tied to all valves and fire hydrants and attached directly to the top of pipe and extend to six (6") inches above finished grade along the outside of all valve stacks and fire hydrants.
- The utility Contractor shall be responsible for trench safety and details as required.
- All sanitary sewer laterals will be 6" PVC SDR-35. Sanitary sewer laterals will be constructed to a point 5 feet from the building and laid on a minimum 1.00% grade. The remaining lateral will be installed by the Plumber.
- Installation, maintenance and removal of traffic safety devices for all construction in Marsh Lane and Les Lacs Avenue will be at the expense of the contractor and will follow the Manual of Uniform Traffic Control Devices (Latest Edition). Notify the City of Addison 48 hours prior to commencing any work in Marsh Lane.
- Install 6" water service line to a point 5 feet from the building. Reference Mechanical Plans for domestic & fire service connection.
- All cleanouts shall be identified as Sanitary Sewer.
- All project water and sewer facilities within the boundary of Waterford Court Apartments are private and will be maintained by the owner.

**WATER METER VAULT NOTES**

- Size vault in accordance with meter manufacturer and City of Addison requirements. Submit vault meter and piping diagram for approval prior to fabrication to Bruce Ellis, City of Addison Water Department. (469-2073)
- Bico Spring Lid in the top of the vault will be 4'x4'. Lid painted with 43-38 TNEMC diffused aluminum paint or approved equal.
- All meters, valves, by-pass and backflow preventers will be installed inside the vault.
- All piping inside the vault will be ductile iron with flanged fittings. The outside dimension of the piping shall be within the following ranges: 8" Ductile Iron Pipe, 8.98-9.20 & 4" Ductile Iron Pipe, 4.74-4.90.
- Vault will have a gravel sump. Seal all joints to reduce seepage.
- Meter and all valves will have a concrete support.



**TYPICAL WATER METER VAULT PLAN**

N.T.S.

**AS BUILT**

Based on visual inspection of the completed improvements, it appears this project was constructed in general conformance with these construction plans and will function as designed.

Clyde L. Sifford, P.E.  
THE NELSON CORPORATION  
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Dallas, Texas 75252



**LEGEND**

- WATER SERVICE
- PROPOSED WATER LINE
- PROPOSED SAN. SEWER
- PROPOSED STORM SEWER
- PROPOSED SAN. SWR. SER.

**BENCHMARKS:**  
SQUARE CUT ON CENTERLINE OF 14" INLET AT THE N.E. CORNER OF THE INTERSECTION OF BELTWAY DRIVE AND MARSH LANE. ELEV. 565.20  
SQUARE CUT IN CENTER OF THIRD INLET WEST OF THE EAST ADDITION LINE OF WATERFORD PARK II AND ON THE NORTH SIDE LES LACS AVENUE. ELEV. 567.61

<b>WATER &amp; SANITARY SEWER PLAN</b>					
<b>WATERFORD COURT APARTMENTS</b>					
<b>TOWN OF ADDISON, TEXAS</b>					
<b>THE NELSON CORPORATION</b> PLANNING • ENGINEERING • SURVEYING 5999 SUMMERSIDE DRIVE SUITE 202 DALLAS, TEXAS 75252 (214) 390-2605					
DESIGN	DRAWN	DATE	SCALE	FILE	SHEET NO.
TNC	TNC	MAR. 31, 1994	1"=40'	86126.10	8

