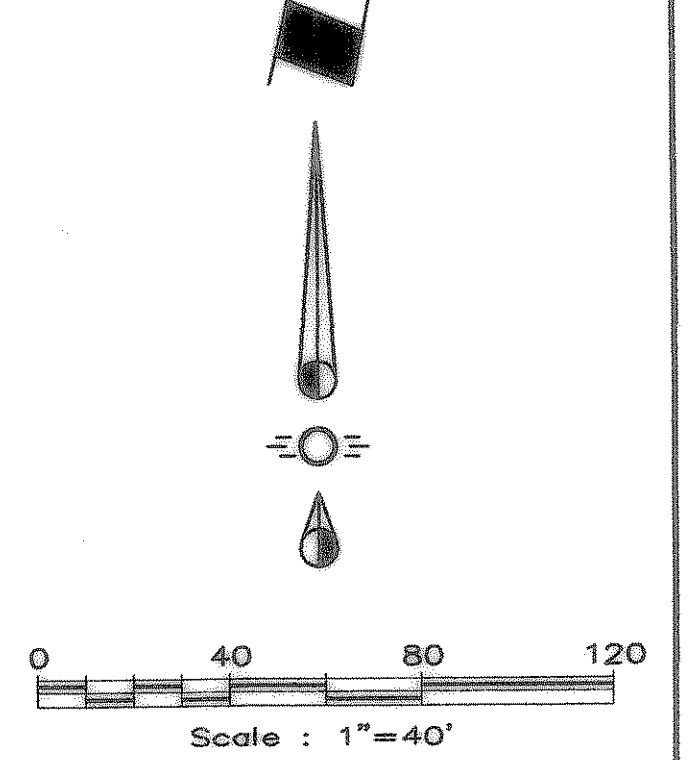


**WATER & SEWER GENERAL NOTES**

- All materials and construction shall conform to the 3rd edition of the NCTCOG Standard Specifications for Public Works Construction dated January 1998 as modified by the City of Rockwall Special Provisions, except as noted herein and approved by the City.
- Contractor shall be responsible for maintaining trench safety requirements in accordance with City Standards, Texas State Law, and O.S.H.A. Standards for all excavation in excess of five feet in depth.
- The location of all utilities located on these plans are taken from existing public records. The exact location and elevation of all public utilities must be determined by the Contractor. It shall be the duty of the Contractor to ascertain whether any additional facilities other than those shown on the plans may be present.
- It shall be the responsibility of the Contractor to protect all public utilities in the construction of this project.
- Any utility installed outside of an easement shall be installed by a plumber and inspected by Code Enforcement.
- Backfill for utility lines should be carefully placed so that the utility will be stable. Where utility lines cross the parking lot, the top 6" should be compacted similarly to the remainder of the lot. Utility ditches should be visually inspected during the excavation process to ensure that undesirable fill is not used.
- If rock is encountered in the trench, rock spoil shall not be used in the upper 1.5 feet of the trench. The upper 1.5 feet of the trench is to be backfilled only with quality topsoil.
- All water lines shall be C-900 PVC SDR 14.
- All ductile iron fittings shall be of the mechanical joint type or slip joint and shall be Class D, or Class 250 on sizes 12" and smaller in accordance with A.W.W.A. Specification C-110-64 and C-111-64.
- All water mains shall have a minimum cover of 48", or sufficient cover to clear other utilities as measured from top of pipe to existing ground level or finished grade, whichever is greater.
- Fire hydrants shall be placed 2' to 6' from back of curb located as shown on the plans.
- Fire hydrants shall be City approved.
- All gate valves shall be City approved.
- The slope for sanitary sewer laterals shall be 2%, or 1/4" per foot, or greater.
- All water meters to be placed in a non-traffic area.
- Refer to Mechanical Plans for exact water and sewer service locations.
- All fire hydrants shall have a 5' perimeter clearance from structures, fencing, and parking.
- All domestic and irrigation services shall have double check valves and backflow preventers.
- Any existing water meters, meter box's, etc. damaged during construction shall be replaced at the developer's expense.
- EMS disks shall be provided by the City and installed by the contractor.
- All work shall conform to "City of Rockwall Standard Details"
- All Fire Service lines shall be 200 PSI rated pvc.



**LEGEND**

- Existing Curb
- - - Proposed Curb
- - - Sawcut
- Existing Water Line
- - - Proposed Water Main
- - - - - Proposed Water Service Line
- Existing Sanitary Sewer Line
- - - Proposed Sanitary Sewer Line
- - - - - Proposed Sanitary Sewer Lateral
- XXXXXXX Existing Storm Sewer Line
- ==== Proposed Storm Sewer Line

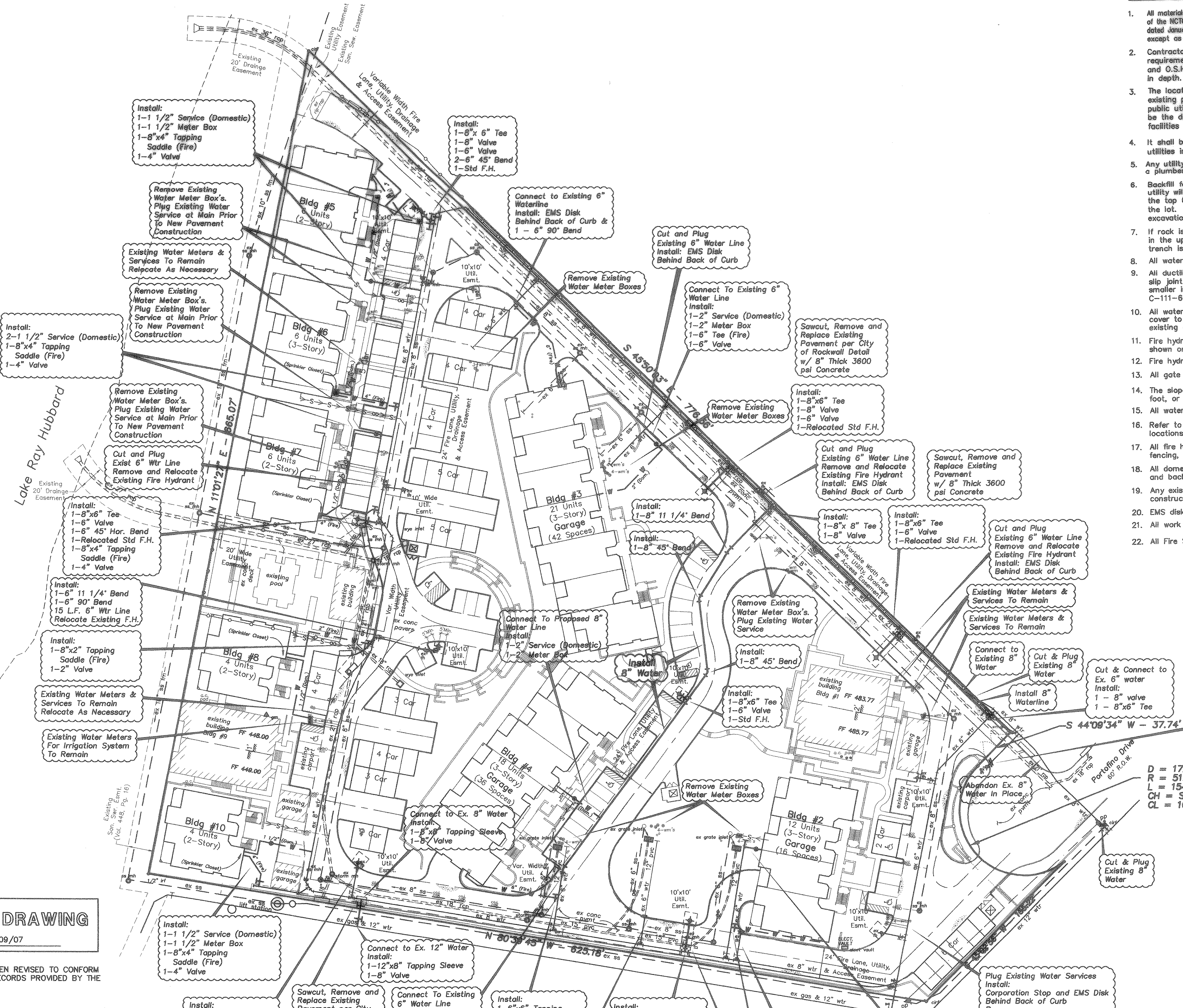
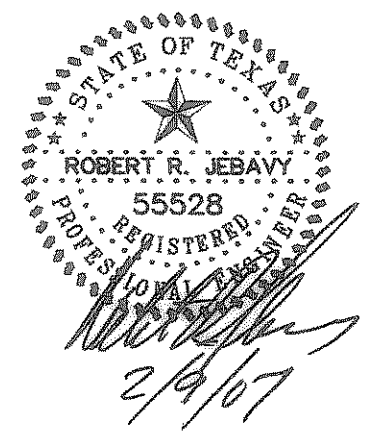
**NOTES:**  
 A) Contractor shall determine which existing water meters are in service and relocate as necessary  
 B) Contractor shall adjust existing water meters and water valve cover stacks to match proposed grades as necessary.

**Benchmark:**  
 "□" Cut At South Side Of Sanitary Sewer Lift Station. Located 100 Ft. East and 10 Ft.± South From The Southwest Corner Of This Property  
 Elevation : 450.45

**WATER PLAN**  
**WATER'S EDGE RESIDENCES AT LAKE RAY HUBBARD**  
**CITY OF ROCKWALL, TEXAS**

**BROCKETTE • DAVIS • DRAKE, INC.**  
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 Civil & Structural Engineering • Surveying  
 4144 North Central Expressway, Suite 1100 • Dallas, Texas 75204  
 (214) 824-3647 • fax (214) 824-7064

DESIGNED	DRAWN	DATE	SCALE	NOTES	FILE	NO.
RRJ	STL	10/04	1"=40'	BDD	C04207	C12



**RECORD DRAWING**  
 02/09/07

**NOTE:**  
 THESE PLANS HAVE BEEN REVISED TO CONFORM WITH CONSTRUCTION RECORDS PROVIDED BY THE CONTRACTOR.

**CAUTION!!!**  
 EXISTING PHONE, GAS, ELECTRICAL & CATV LINES IN PROJECT AREA. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.  
 TEXAS ONE CALL: 1-800-245-4545

INDICATES INFORMATION PROVIDED TO BROCKETTE/DAVIS/DRAKE, INC., BY RAYMOND ENGINEERING, INC., HOUSTON, TX.

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