

**SANITARY SEWER**  
Contractor shall tie-in sewer line to existing service line. contractor shall verify location, invert & condition of line with landlor and report to civil engineer before laying sewer pipe. all work to conform to the current standard plumbing code and Townminimum requirements. Contractor shall install a 6" sanitary sewer line.

**ELECTRIC**  
Contractor shall install PVC conduits (size as required) from the service point to the building. contractor shall install schedule 40 PVC conduit a minimum of 3-feet below grade. Contractor shall coordinate the required number of conduit, conduit routing and connection point with telephone company. (ENTRANCE FACILITIES ONLY)

**TELEPHONE**  
Contractor shall install 4" PVC conduit from the building to the edge of the property. Contractor shall install schedule 40 PVC conduit a minimum of 3-feet below grade. Contractor shall coordinate the required number of conduit, conduit routing and connection point with telephone company. (ENTRANCE FACILITIES ONLY)

**GAS**  
Contractor shall provide gas service (size as req'd) from service point to the building. Contractor shall install gas line a minimum 3 feet below grade. Contractor shall contact gas company for exact location of gas service. General contractor to provide regulator to adjust gas pressure per owners gas appliance specifications.

**WATER**  
Contractor shall provide and install 2" domestic water service. contractor responsible for all connection fees and costs required for water main tap, service line, 2" meter, and DHI approved backflow device. Contractor shall provide the necessary tap for on site irrigation system to be located downstream of backflow preventer. Minimum cover of 36" for all lines.

**IRRIGATION**  
General contractor shall install all irrigation sleeves. General contractor shall coordinate the location of sleeves with the irrigation contractor. A third party contractor shall construct a complete irrigation system. General contractor is responsible for tap of main & installation of 2" meter & 2" backflow preventer (TYPE APPROVED BY TOWN CODE) as req'd by local water company. General contractor is also responsible for all fees, permits, and inspections.

Water Meter & Sewer Schedule				
I.D.	Type	Size	No.	Sewer
①	Ex. Dom.	2"	1	8"
②	Ex. Irr.	2"	1	-

**NOTE:**  
Prior to beginning any construction or construction staking, it shall be the Contractor's responsibility to contact the Civil Engineer to insure that all parties are in possession of the most current set of construction documents.

**LEGEND**

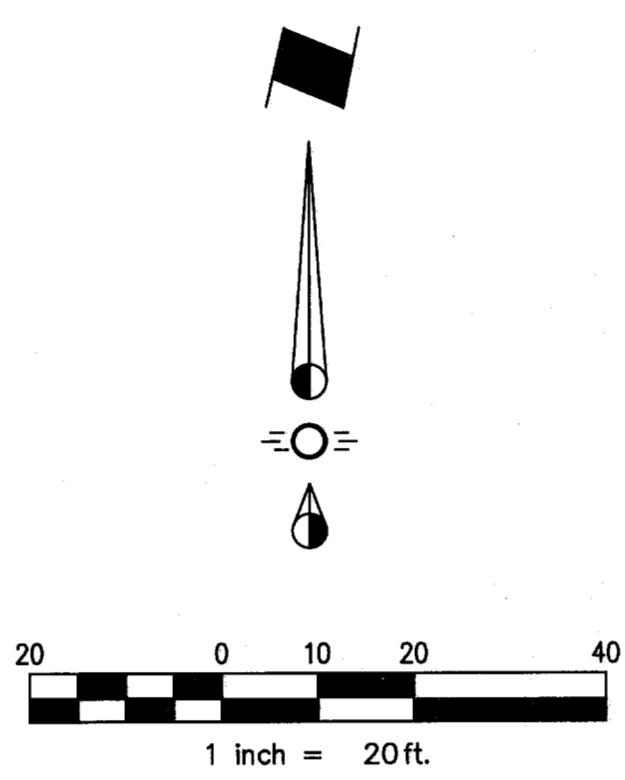
— UGE —	NEW UNDERGROUND ELECTRICAL SERVICE
— W —	NEW DOMESTIC WATER LINE
— GAS —	NEW GAS LINE
— TEL —	NEW SAN. SEWER LINE
— TEL —	NEW U.G. TELEPHONE LINE
⊙	GAS METER, VERIFY LOCATION
⊙	GREASE INTERCEPTOR (RE: PLUMBING PLANS)

**TEMPORARY BENCHMARK #1:**  
SOUTHWEST CORNER OF INLET BEING 11.3' EAST OF SOUTHEAST CORNER OF SUBJECT TRACT. ELEVATION = 617.27

**CITY BENCHMARK COA-11:**  
SOUTHWEST CORNER OF INLET 261' EAST AND 5.7' NORTH OF NORTHEAST CORNER OF SUBJECT TRACT. ELEVATION = 611.74

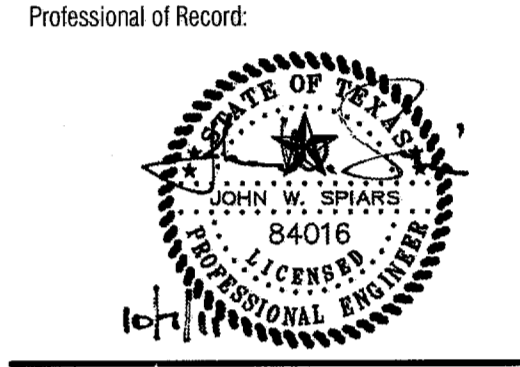
**UTILITY GENERAL NOTES**

- All materials and construction shall conform to the Town of Addison Standard Details and Specifications, except as noted herein and approved by the Town.
- Contractor shall be responsible for maintaining trench safety requirements in accordance with Town 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.
- The Contractor shall be responsible for obtaining permits, inspections, and approval of the completed utility work from all of the approving authorities and each utility company before back filling and/or paving over any of the utility work.
- The Contractor shall be responsible for payment of all connection fees for temporary connections. deposits and any impact fees issues by utility companies for utility service will be paid by Owner.
- The contractor shall verify utility service entrance points and meter locations with the architect prior to the installation of any service lines.
- 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 mains shall be C-900 PVC SDR 18. Domestic and fire water service lines shall be per Town of Addison Building Code requirements.
- 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 8" and smaller water mains shall have a minimum cover of 42"; all 8" and larger 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 Town approved and color coded.
- All gate valves shall be Town approved.
- All water and sanitary mains and services shall have a 10' min. lateral separation.
- Sanitary sewer manholes shall be constructed of cast-in-place concrete or precast concrete with cast iron frames and cover per Town of Addison details.
- Concrete blocking shall be provided on water mains at all tees, fire hydrants, and bends per Town of Addison standards. Payment for concrete blocking shall be subsidiary to pipe installation and shall be included in the bid price thereof.
- 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 Plumbing Plans for exact water and sewer service locations.
- Fire sprinkler line shall be sized and installed by a State Licensed Fire Sprinkler Contractor.
- Reference Sheets C11 & C12 for Site Details.



6900 TENNYSON PARKWAY, SUITE 200  
Addison, TX 75001  
Tel: 972-769-3357 Fax: 972-769-3101

Store: **Raising Cane's**  
**Store # 98**  
**Belt Line Road**  
**Addison, TX 75001**  
**Prototype 2**



CSRS, Inc.  
6767 Perkins Road Suite 200 Balcon Rouge, LA 70008  
Tel: 225 769-0546 Fax: 225 767-0060  
www.csronline.com

Prototype Issue Date: August 1, 2010  
Design Bulletin Updates:  
Date Issued: Bulletin Number:

**FOR CONSTRUCTION**

Revisions:

#	Date	Description
△	10-07-2011	PERMIT/OWNER REVIEW

**UTILITY PLAN**

Date: October 07, 2011  
Project Number: SEI No. 11-101  
Drawn By: MPC  
Sheet Number: