

WATER & SANITARY SEWER NOTES

1. All materials and construction shall be in accordance with the City of Rockwall Standard Specifications and Construction Standards, and Standard Specifications for Public Works Construction prepared by North Central Texas Council of Governments (3rd Edition), and to the regulations of The Texas Commission on Environmental Quality.
2. Existing utilities are shown schematically and are for the contractors guidance only. The location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies, and, where possible, measurements taken in the field. The contractor must call the appropriate utility company at least 48 hours prior to any excavation to request exact field location of utilities.
3. The contractor shall be responsible for protecting all existing improvements in the construction of this project. The contractor is responsible for repairs of damage to any existing improvements during construction. Repairs shall be equal to or better than condition prior to construction.
4. All sewer lines shall be PVC SDR-35.
5. All manhole rim grades must match finished grade in paved areas. Manholes constructed in landscape areas must have a final rim grade six inches (6") above final grade.
6. All water pipe 8" and larger shall be Class 150 DR 18 PVC water pipe, conforming to AWWA C900 standards.
7. Contractor shall be responsible for maintaining trench safety requirements in accordance with the latest standards of O.S.H.A. or any other agency having jurisdiction for excavation and trenching procedures. Contractor shall provide and implement a trench safety plan complying with O.S.H.A.
8. Fire sprinkler line shall be sized and installed by a state licensed contractor and inspected by the fire department.
9. Fire protection rooms shall have no roof access, mopsinks, electrical panels, storage. Fire Protection rooms are for Fire Alarm and Control systems uses.

Note:
Fire Line Requires Separate Permit from Fire Department and Shall be a Minimum 10' Separation from all other Utilities.

Connect to Ex. 8" Water with 62 LF 6" Water Line Install:
1-8"x6" TS&V Line to Building Shown for Informational Purposes Only See Note 8.

Pipe Crossing:
Ex. 8" SS FL = 526.67±
6" Water FL = 532.85
Since a Min. 10' Clearance cannot be Achieved,
Contractor to Concrete Encase 6" Fire Line where it Crosses the Storm and Sanitary Sewer Lines.

Cut Ex. 2" Waterline and Install Domestic Meter w/ Backflow Preventer on Ex. 2" Water Service

Cut & Remove 43 LF of Ex. 2" Water Line. Install 1" Irrigation Meter w/ Backflow Preventer on Ex. 2" Water Service

Install:
1-6"x90" Bend
15 LF 6" PVC Water Line
Relocate Existing Fire Hydrant to Proposed Location.

Cut & Remove 11 LF of Existing Water Line. Ref. MEP for Continuation.

Cut & Remove Cleanouts and 31 LF of Existing 6" SS and Plug. Reference MEP for Continuation to Building.

Ref. MEP for Continuation

SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND LAYOUT

Note:
Existing Utilities Shown Per As-Built Documents. Contractor to Field Verify Location and Depth of All Utilities Prior to Construction and Notify Engineer of any Discrepancies.

WATER METER CHART		
No.	Proposed Meter	Size
1	Domestic Meter	2"
2	Irrigation Meter	1"

LEGEND	
	Proposed S.S. Line
	Proposed Water Line
	Proposed Fire Hydrant
	Proposed Water Tee
	Proposed Water Valve
	Proposed Water Bend
	Proposed Blow Off Valve
	Existing Fire Hydrant
	Existing S.S. Line
	Existing Water Line
	Existing Underground Elec
	Existing Gas Line
	Proposed Retaining Wall
	Fire Department Connection

Private Utility Note:
"ALL SANITARY SEWER WORK DESIGNATED AS "PRIVATE" IN THIS SET OF PLANS SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE, PERMITTED AND INSPECTED BY THE CITY BUILDING INSPECTION DEPARTMENT AND INSTALLED BY A LICENSED PLUMBER."

Responsibility Note:
"ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN."

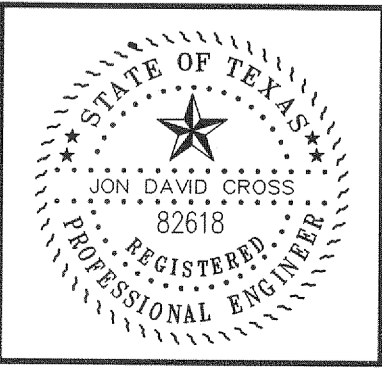
BENCHMARK:
Benchmark:
CITY OF ROCKWALL CONTROL MONUMENT NO. R016, LOCATED ON AIRPORT ROAD AT THE CITY OF ROCKWALL SERVICE CENTER.
ELEVATION = 556.72'

AS BUILT
REVISED TO CONFORM TO CONSTRUCTION RECORDS
JON DAVID CROSS, P.E.
12/11/2014
DATE

Issue Dates:	Revisions:	Date:
1	1 Asbuilt	12-8-14
2	2	
3	3	
4	4	
5	5	
6	6	

CROSS ENGINEERING CONSULTANTS
131 S. Tennessee St. McKinney, Texas 75069
972.562.4409 Texas P.E. Firm No. F-9335

Drawn By:	Checked By:	Scale:
C.E.C.I.	C.E.C.I.	1" = 20'



UTILITY PLAN
ROCKWALL BUSINESS PARK - LOT 8
EAST SUBDIVISION
City of Rockwall, Texas

Sheet No.
C4
of
6
Project No.
13104

STOP!
CALL BEFORE YOU DIG

Know what's below.
(@ least 72 hours prior to digging)

ROCKWALL BUSINESS PARK - LOT 8