

**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 (5th 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 72 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. Proposed water lines shall be AWWA C900-16 PVC Pipe (blue in color) for all sizes, DR 14 (PC 305) for pipeline sizes 12-inch and smaller, and DR-18 (PC 235) for 14-inch and larger water pipelines unless otherwise shown on water plan and profile sheets. Proposed water lines shall be constructed with minimum cover of 4 feet for 6-inch through 8-inch, 5 feet for 12-inch through 18-inch and 6 feet for 20-inch and larger.
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. Fire Line shown for reference only.
9. Fire protection rooms shall have no roof access, mopsinks, electrical panels, storage. Fire Protection rooms are for Fire Alarm and Control systems uses.
10. Must install green EMS disks on all sewer changes (turns, sizes, etc), connections to main, manholes, and cleanouts.
11. Must install blue EMS disks on all water line changes (turns, sizes, etc), every 250', valves, and service connections.
12. All manholes to be Raven Lined or City approved equal, including existing manholes to be connected to.

**Note:**  
Water Line B Must Be Connected to Prop 8" WL By Others To Complete the Water Loop Prior to TCO or CO Release

Install 66 LF 16" Steel Encasement Pipe For 8" WL. Maintain Min. 2" Vertical Clearance Btwn Top Encasement Pipe and Bottom of Retaining Wall. Steel Encasement Pipes Shall Extend Min 5' Past Wall & Footing.

**LEGEND**

	Property Line
	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 Undergroud Elec
	Existing Gas Line
	Proposed Retaining Wall

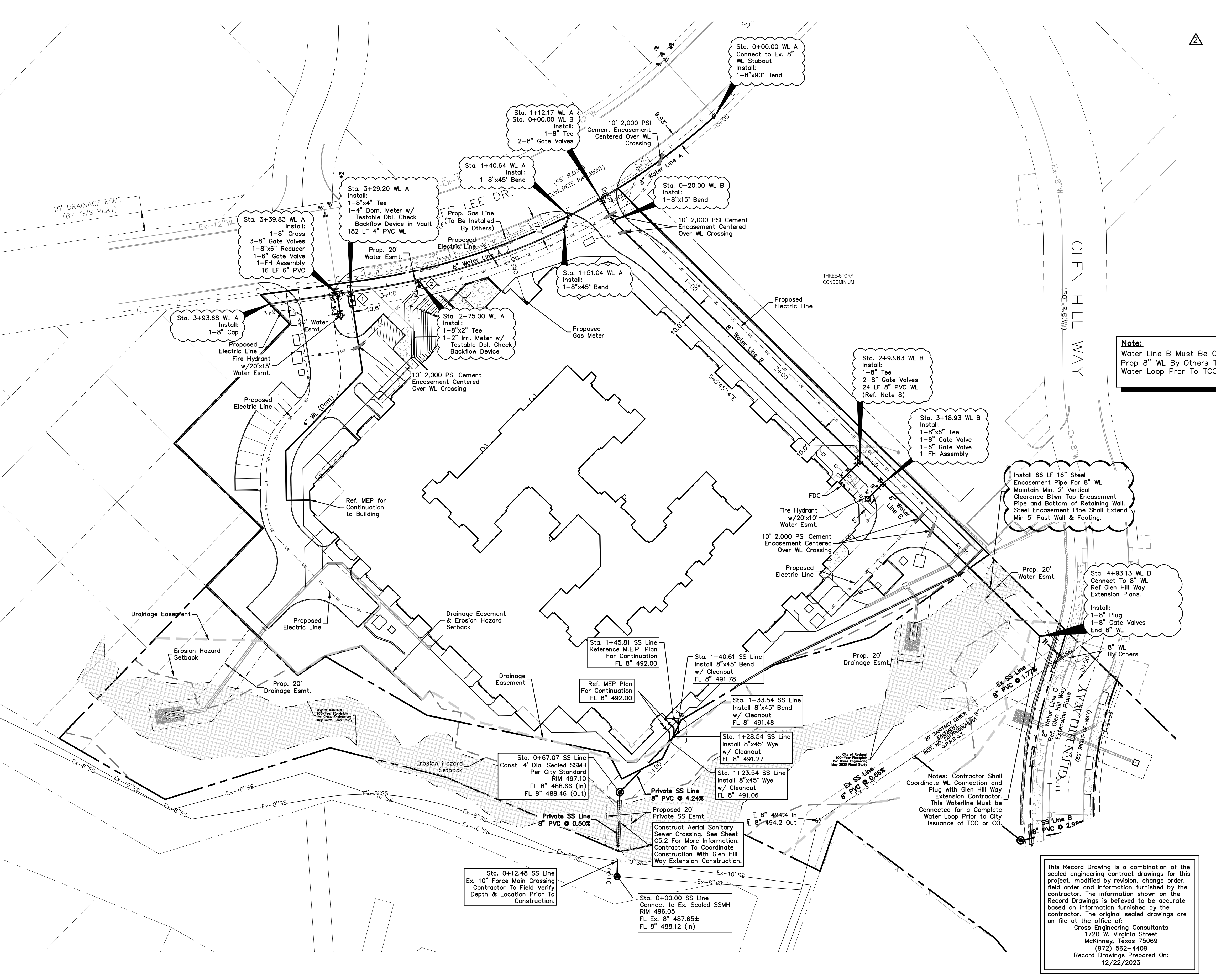
**Note:**  
Existing Utilities Shown Per As-Built Documents. Contractor to Field Verify Location and Depth of All Utilities Prior to Construction and Notify Engineer of any Discrepancies.

**WATER METER CHART**

No.	Proposed Meter	Size
1	Domestic Meter	4"
2	Irrigation Meter	2"



(@ least 72 hours prior to digging)



This Record Drawing is a combination of the sealed engineering contract drawings for this project, modified by revision, change order, field order and information furnished by the contractor. The information shown on the Record Drawings is believed to be accurate based on information furnished by the contractor. The original sealed drawings are on file at the office of:  
Cross Engineering Consultants  
1720 W. Virginia Street  
McKinney, Texas 75069  
(972) 562-4409  
Record Drawings Prepared On:  
12/22/2023

- Added Elec. Lines & Crossings
- Revised Water Line Notes

Issue Dates:	Revisions:	Date:
5 11/30/2020	1	05/17/2021
6 12/23/2020	2	01/28/2022
7 01/22/2021	3	02/25/2022
8 01/29/2021	4	10/31/2023
9 04/19/2021	5	
10 12/22/2023	6	

**CROSS ENGINEERING CONSULTANTS**  
1720 W. Virginia Street  
972.562.4409  
McKinney, Texas 75069  
Texas P.E. Firm No. F-5935

Drawn By: C.E.C.I.      Checked By: C.E.C.I.      Scale: 1"=40'

The seal that originally appeared on this document was authorized by T. Zachary Grimes, Texas No. 122013 on 1/28/2022. Alteration of a sealed document without proper notification of the responsible Engineer is an offense under the Texas Engineering Practice Act.

Issued for Construction: 04-19-2021

**UTILITY PLAN**

**HARBOR HILL RESIDENCES**

SUMMER LEE DRIVE  
ROCKWALL, TEXAS

Sheet No.  
**C5.1**  
Project No.  
18090

**BENCHMARK:**

City Benchmark:  
COR-7-Aluminum Disk Stamped " City of Rockwall Survey Monument" Located on the south side of Summer Lee Dr. ±275 feet west of intersection of Summer Lee Dr and Ridge Road, ±1 foot south of curb line.  
ELEVATION: 567.52

Site Benchmark:  
No. 1-"X" Cut on rim of water valve located on the north side of Summer Lee Dr. approx. 915 feet easterly from the intersection of Sunset Ridge Dr. ELEVATION: 548.55

No. 2-"X" Cut on southeast corner of curb inlet located on the east side of Shoreline Tr. approx. 480 feet northerly from the north side of Summer Lee Dr.  
ELEVATION: 474.56

HARBOR HILL RESIDENCES - ROCKWALL