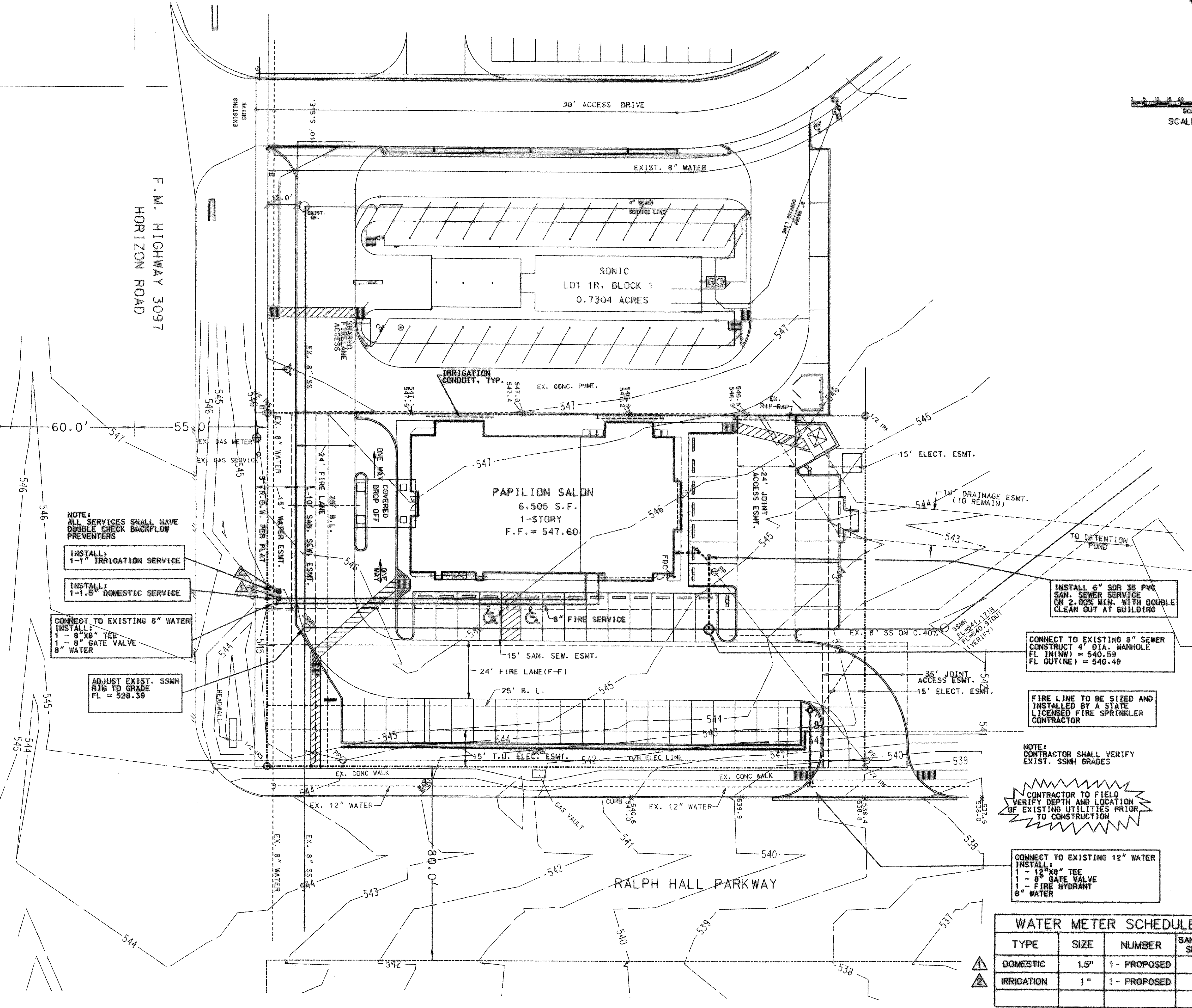


F.M. HIGHWAY 3097
HORIZON ROAD



UTILITY CONSTRUCTION GENERAL NOTES

1. All water and sanitary sewer construction shall conform to the City of Rockwall Standard Construction Details and Standard Specifications for Public Works Construction. In the event an item is not covered, the contractor shall bring the problem to the attention of the Engineer for a decision, approval or modification.
2. All water mains shall be class 200, AWWA C900 PVC pipe.
3. All gate valves shall be City approved resilient Seat Gate Valves (A-2370-series).
4. All fire hydrants must meet City of Rockwall Specifications.
5. Hose/pumper nozzles on fire hydrants shall be 18" above top of curb, or finished grade and shall face the streets or firelane. Fire hydrant shall not be placed less than 2.0' nor more than 6.0' behind the curb. All fire hydrants must have 3' of clearance on all sides.
6. All water mains shall have a minimum cover of 48" below finished grade.
7. All water mains shall be pressure tested in accordance with the specifications. The Contractor shall flush and sterilize all water mains.
8. The location of existing utilities shown on these plans is approximate. All utilities may not be shown. It is the responsibility of the contractor to contact all area utilities that may conflict with construction prior to beginning work.
9. All sanitary sewer pipe outside of the building shall be SDR35 PVC pipe.
10. All concrete blocking and embedment for water and sewer line shall be in accordance with the City of Rockwall construction standards.
11. Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Rockwall and the owner.
12. Contractor shall be responsible for Trench Safety in compliance with the Occupational Safety and Health Administration's trench safety standards.

Topography and field surveying provided by Rockwall Surveying Co., Inc.

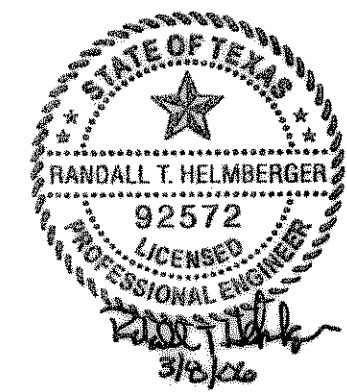
Asbuilt utilities, paving and drainage information obtained from record drawings on file with the City of Rockwall.

RECORD DRAWING
MARCH 08, 2006

OWNER:
CECIL HASTINGS
732 WINDSONG
ROCKWALL, TX 75032
PH. 214-923-9052

ARCHITECT:
MATTHEW KING, AIA
ROCKWALL, TEXAS 75087
PH. 972-772-7995

ENGINEER:
HELMBERGER ASSOCIATES, INC.
124 HOOPER ROAD
WYLLIE, TEXAS 75098
RANDALL T. HELMBERGER, PE
(972) 442-7459



INSTALL 6" SDR 35 PVC
SAN. SEWER SERVICE
ON 2.00% MIN. WITH DOUBLE
CLEAN OUT AT BUILDING

CONNECT TO EXISTING 8" SEWER
CONSTRUCT 4" DIA. MANHOLE
FL IN(NW) = 540.59
FL OUT(NE) = 540.49

FIRE LINE TO BE SIZED AND
INSTALLED BY A STATE
LICENSED FIRE SPRINKLER
CONTRACTOR

NOTE: CONTRACTOR SHALL VERIFY
EXIST. SSMH GRADES

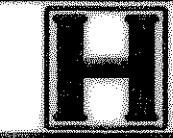
CONTRACTOR TO FIELD
VERIFY DEPTH AND LOCATION
OF EXISTING UTILITIES PRIOR
TO CONSTRUCTION

CONNECT TO EXISTING 12" WATER
INSTALL:
1 - 12"x8" TEE
1 - 8" GATE VALVE
1 - FIRE HYDRANT
8" WATER

WATER METER SCHEDULE			
TYPE	SIZE	NUMBER	SANITARY SEWER
DOMESTIC	1.5"	1 - PROPOSED	6"
IRRIGATION	1"	1 - PROPOSED	NA

UTILITY PLAN

PAPILLION SALON
HORIZON VILLAGE ADDITION, LOT 3 BLOCK 1
ROCKWALL, TEXAS



HELMBERGER ASSOCIATES, INC.
CIVIL AND ENVIRONMENTAL ENGINEERS
124 HOOPER ROAD, WYLLIE TEXAS 75098 (972) 442-7459

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
HELM.	CADD	DEC. 2005	1"=20'	PBORDER	0477	C3