

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

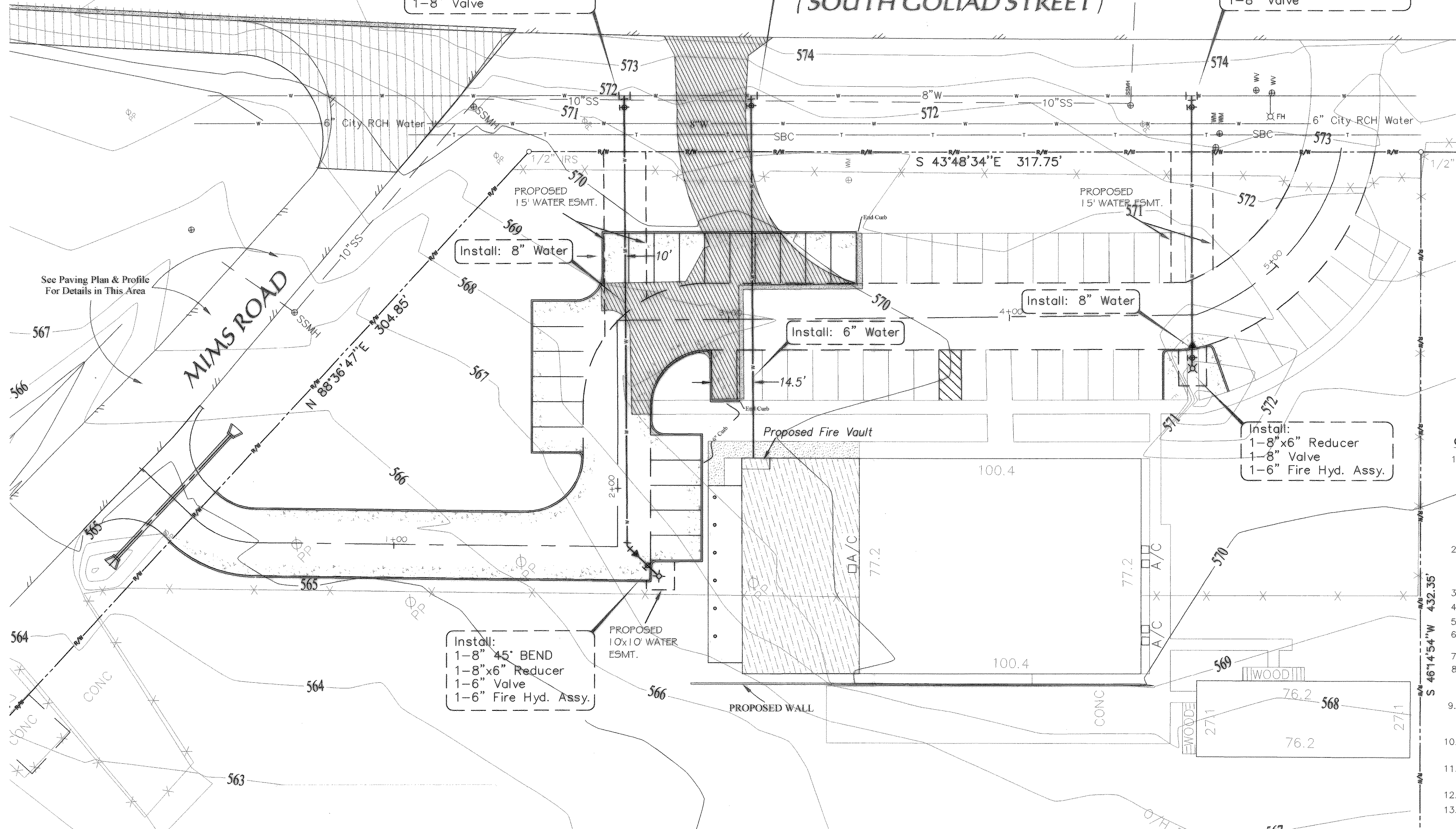
CAUTION !!!
EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

Connect to Exist. 8" Water
Install:
1-6"x8" Tapping Sleeve
1-6" Valve
1-Backflow Preventer
& Double Check Valve

Connect to Exist. 8" Water
Install:
1-8"x8" Tapping Sleeve
1-8" Valve

Connect to Exist. 8" Water
Install:
1-8"x8" Tapping Sleeve
1-8" Valve

**STATE HIGHWAY 205
(SOUTH GOLIAD STREET)**



Install:
1-8" 45° BEND
1-8"x6" Reducer
1-6" Valve
1-6" Fire Hyd. Assy.

Install: 6" Water

Install: 8" Water

Install: 8" Water

Install:
1-8"x6" Reducer
1-8" Valve
1-6" Fire Hyd. Assy.

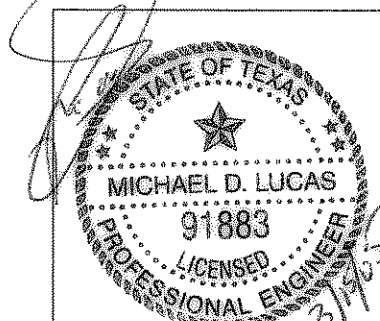
GENERAL NOTES:

- LOCATIONS OF UTILITIES SHOWN HEREIN WERE DERIVED FROM BEST AVAILABLE SOURCES AND FIELD SURVEYS; ENGINEERS DO NOT WARRANT THE EXISTENCE OR NON-EXISTENCE OF UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTHS AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION AND SHALL BE LIABLE FOR ANY DAMAGES OR DOWN-TIME CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
- CONTRACTOR SHALL REFERENCE MECHANICAL, PLUMBING AND IRRIGATION PLANS IN THIS SET FOR COORDINATION OF OTHER EXISTING AND PROPOSED UTILITIES TO BE INSTALLED AS PART OF THIS PROJECT.
- SANITARY SEWER P.V.C. SHALL BE SDR 35.
- ALL WATER MAIN P.V.C. SHALL BE CLASS 200 (PRESSURE PIPE).
- MINIMUM COVER FOR WATER MAIN SHALL BE 48 INCHES.
- FITTINGS FOR P.V.C. WATER PIPE SHALL BE MEGA LUG FLANGE.
- WATER SERVICES = 1"; SEWER SERVICES = 6"
- TESTING FOR WATER & SEWER LINE SHALL BE PROVIDED BY THE CONTRACTOR AND REQUIRED BY THE CITY OF ROCKWALL AND INCLUDED IN THE BID PRICE.
- ALL WATER & SEWER SERVICE INSTALLATIONS INCLUDING EMBEDMENT SHALL BE PER CITY OF ROCKWALL & NCTCOG CODE STANDARDS.
- BLUE EMS DISKS SHALL BE INSTALLED FOR WATER LINES AT EVERY CHANGE IN DIRECTION, VALVE, AND SERVICE.
- GREEN EMS DISKS SHALL BE INSTALLED FOR SANITARY SEWER AT EVERY MANHOLE, CLEAN OUTS, AND SERVICES.
- 5' CLEARANCE AROUND ALL FIRE HYDRANTS.
- CONTRACTOR SHALL PROVIDE A TRENCH SAFETY PLAN PREPARED BY A REGISTERED ENGINEER.
- ALL BUILDING SERVICE LINES SHALL TERMINATE 5' FROM BUILDING LOCATIONS
- BUILDING FIRE PROTECTION, FIRE VAULT AND APPURTENANCES TO BE DESIGNED BY PROJECT M.E.P. ENGINEER.

RECORD DRAWING:
These plans to the best of our knowledge and based on information supplied by the contractor represent the general conditions that were constructed. Any changes or modifications shown which differ from the City approved plans are based on information supplied by the contractor. As Lucas Consulting Services did not perform any construction inspection on this project, Lucas Consulting Services makes no certification or approval as to the quality or correctness of the construction of the facilities shown on these plans.
[Signature]
LUCAS CONSULTING SERVICES
DATE: 8/26/05

BENCHMARK =
TOP RIM OF SANITARY SEWER MANHOLE ON SOUTH SIDE OF MIMS ROAD, LOCATED 100 FEET WEST AND 20 FEET NORTH OF THE NORTHEAST CORNER OF LOT 1, BLOCK 1 TRUCK STOP ADDITION. ELEVATION=566.55, NGVD 29

TOP OF STANDARD USGS MON STAMPED 'M 929 1946' AT THE NORTHWEST CORNER OF A CONCRETE BRIDGE OVER SH. 205 IN THE TOP OF THE CONCRETE GUARDRAIL BASE 17 FT. SOUTHWEST OF THE CENTERLINE OF HIGHWAY AND 3 FT. SOUTHWEST OF THE NORTHWEST END OF GUARDRAIL BASE. ELEV. = 524.60 NGVD 29



revisions	date
REMOVED MIMS ROAD PAVEMENT IMPROVEMENTS	03/03/05

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TEXAS STAR EXPRESS WATER PLAN ROCKWALL, TEXAS					sheet no.
design	drawn	scale	date	notes	4
LCS	LCS	1"=20'	Oct. 2004	-	6
					job number
					#022-01-04