

- LEGEND**
- EXISTING SANITARY SEWER MANHOLE
  - PROPOSED SANITARY SEWER MANHOLE
  - PP ○ EXISTING POWER POLE w/ GUY ANCHOR
  - EXISTING FIRE HYDRANT
  - PROPOSED FIRE HYDRANT
  - EXISTING WATER METER
  - PROPOSED WATER METER
  - EXISTING MONUMENT SIGN
  - PROPOSED MONUMENT SIGN
  - EXISTING CURB INLET
  - PROPOSED CURB INLET
  - F.D.C. + PROPOSED FIRE DEPT. CONNECTION
  - EXISTING TRANSFORMER
  - PROPOSED TRANSFORMER
  - T EXISTING WATER VALVE
  - PROPOSED WATER VALVE
  - 8" SS — EXISTING SANITARY SEWER
  - 8" W — EXISTING WATER
  - 8" S — EXISTING STORM SEWER
  - 8" S — PROPOSED SANITARY SEWER
  - 8" W — PROPOSED WATER
  - 8" S — PROPOSED STORM SEWER
  - 8" S — PROPOSED FIRE LANE
  - 8" S — EXISTING FENCE
  - ▨ REMOVE & REPLACE EX. CONC. P.V.M.T.

- NOTES**
1. ALL METERS TO HAVE DOUBLE CHECK BACKFLOW DEVICE
  2. INSTALL BLUE EMS DISK ON WATER LINE AT EVERY BEND, VALVE, AND SERVICE.
  3. CONCRETE ENCASE 10 L.F. 6" S.S. UNDERNEATH WATER CROSSINGS, CENTERED ON CROSSING.
  4. CONTRACTOR MUST MAINTAIN ONE OPEN LANE OF TRAFFIC ALL TIMES DURING THE INSTALLATION OF THE 8" WATER LINE ACROSS RANCH TRAIL DRIVE.

**NOTICE!!**  
ALL POTENTIAL UNDERGROUND UTILITY CONFLICTS SHALL BE UNCOVERED & FIELD VERIFIED BEFORE CONSTRUCTION OF ANY & ALL UNDERGROUND UTILITIES.

CONTRACTOR TO OPEN CUT AND CONNECT TO EX. 8" WATER LINE BY TAPPING SLEEVE & VALVE. REMOVE & REPLACE FULL PAVEMENT PANEL W/ 10" 3,600 PSI CONCRETE. CONTRACTOR MUST MAINTAIN ONE OPEN LANE OF TRAFFIC AT ALL TIMES.

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**BENCHMARK:**  
60D NAIL IN POWER POLE ALONG HORIZON ROAD R.O.W. LINE ±208' SOUTHEAST OF RANCH TRAIL RD. ELEVATION: 542.51

**BENCHMARK:**  
RIM OF SEWER MANHOLE ±8' OFF HORIZON ROAD R.O.W. LINE ±307' SOUTHEAST OF RANCH TRAIL RD. ELEVATION: 538.00

STA 0+00.00 SS LN A CONST. 4" SSMH RIM = 539.50 FL 6" = 531.93 FL 8" EX. = 528.93

STA 0+09.14 SS LN A INSTALL DOUBLE CLEANOUT AT P.L. FL 6" = 532.32

1	09-16-09	INITIAL SUBMITTAL TO CITY OF ROCKWALL
2	10-15-09	REVISED SUBMITTAL TO THE CITY OF ROCKWALL

**Walls & Associates**  
Consulting Civil Engineers · Designers · Planners  
F-7663

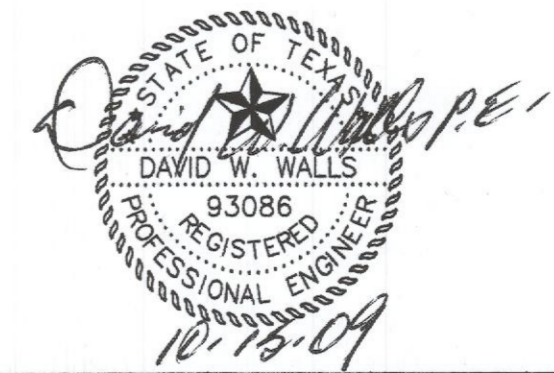
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**WATER & SANITARY SEWER PLAN**  
RANCH TRAIL CORNERS  
LOT 20, BLOCK A - RAINBO ACRES ADDITION  
N.E.C. HORIZON ROAD (F.M. 3097) AND RANCH TRAIL DR.  
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

DESIGN	DRAWN	CHECKED	SCALE	DATE	FILE	SHEET
Walls	Lovechio	Martinez	1" = 40'	08/15/09	9005	C-09

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAVID W. WALLS, P.E. 93086



REFERENCE SHEET C-10 FOR ALL WATER AND SANITARY SEWER GENERAL NOTES.