

**RECORD DRAWINGS**

NOTE: THESE PLANS HAVE BEEN REVISED TO CONFORM WITH CONSTRUCTION RECORDS PROVIDED TO SPIARS ENGINEERING, INC. BY CONTRACTOR AND CITY STAFF AFTER AS-BUILTS WERE ORIGINALLY SUBMITTED TO THE CITY OF ROCKWALL BY OTHERS. MODIFICATIONS TO PAVING, PAD AND UTILITY ELEVATIONS, AS REFLECTED ON THESE PLANS, WERE VERIFIED BY FIELD SURVEY PERFORMED IN DECEMBER, 2008.

**BENCH MARK: #1**  
BRASS CAP IN CL. OF MEDIAN NORTH ON LAKESHORE DRIVE NORTH OF THE INTERSECTION OF NORTH ALAMO AND LAKESHORE DRIVE.  
ELEV. 524.78

**BENCH MARK: #2**  
BRASS CAP IN CL. OF MEDIAN ON LAKESHORE DRIVE BETWEEN TO STREETS, STONEBROOK AND AMESBURY BEING NORTH OF HAVEN HILL.  
ELEV. 518.83

NOTE:  
12" WATER LINE IN HIGHLAND DR. TO FACILITATE EX. 16" WATER AND REMAIN IN SERVICE UNTIL NEW 16" MAIN IS CONNECTED AT BOTH ENDS OF PROJECT.

CONNECT EX. 8" WATER TO PROP. 16" WATER

INSTALL:  
1-16"x8" TEE  
1-16" VALVE  
1-8" VALVE

INSTALL:  
1-FH 6" INSIDE R.O.W.  
1-8" VALVE

INSTALL:  
2-2" SERV.

INSTALL:  
1-16"x8" TEE  
1-16" VALVE  
1-8" VALVE

INSTALL:  
1-16"x8" TEE  
1-8" VALVE

INSTALL 16" WATER MAIN

INSTALL 8" WATER

INSTALL:  
1-16" HORIZ BENDS

INSTALL:  
1-16"x8" TEE  
1-8" VALVE

NOTE:  
ROUTE 16" WTR AROUND EX. 36" RCP.

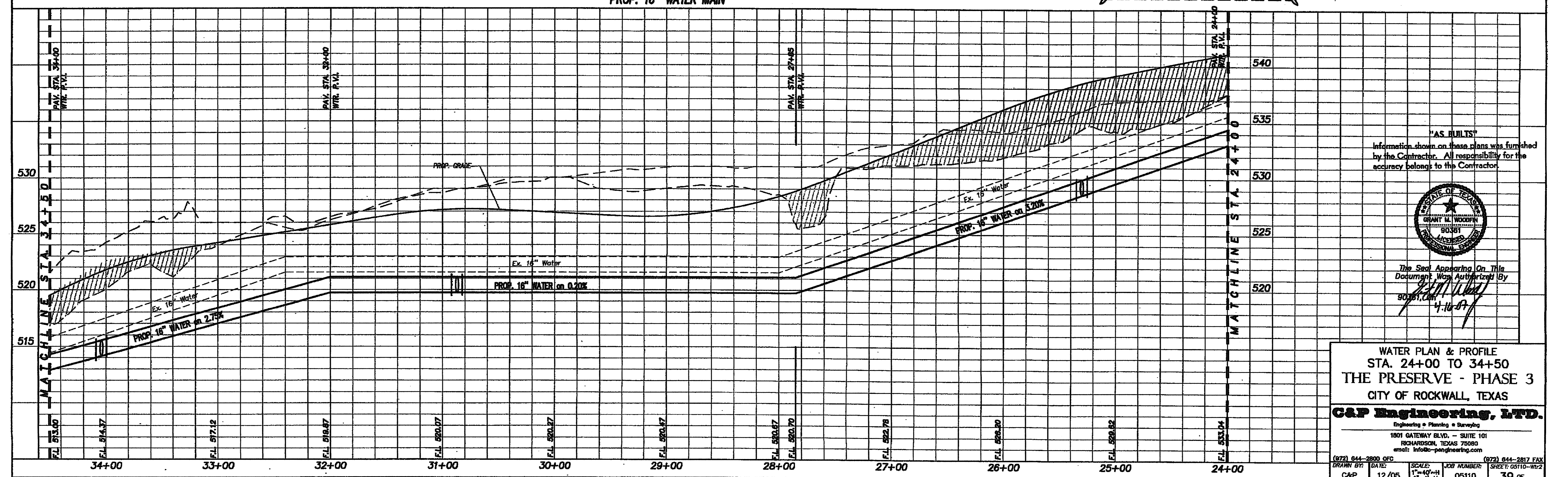
INSTALL:  
1-16" BUTTERFLY VALVE

CURVE DATA					
CURVE	RADIUS	DELTA	LENGTH	CHORD	BEARING
C1	888.50'	124.422°	148.64'	148.33'	S80°55'23"E
C2	888.50'	127.1142°	142.29'	142.02'	S89°27'41"E
C3	1500.00'	6'05'46"	159.60'	159.62'	N88°24'53"W
C4	3000.00'	2'13'13"	116.25'	116.24'	S87°20'40"E
C5	3000.00'	6'06'57"	320.23'	320.08'	S83°10'39"E
C6	3000.00'	1'12'11"	63.00'	63.00'	S89°31'01"E

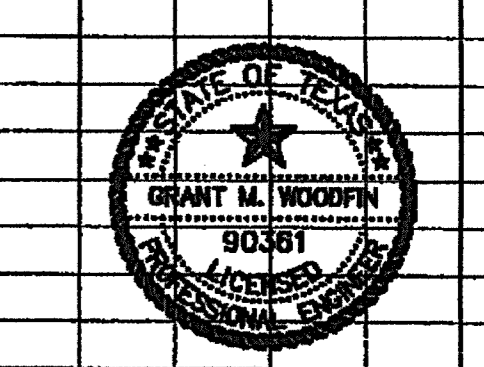
NOTE:  
CONTRACTOR SHALL CONNECT ANY & ALL SERVICES AND FIRE HYDRANT LEADS TO PROP. 16" WATER MAIN IF THOSE SERVICES WERE CONNECTED TO THE EXISTING 16" WATER.

**CAUTION EXISTING UTILITIES !!!**  
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 THE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

**PROP. 16" WATER MAIN**



"AS BUILTS"  
Information shown on these plans was furnished by the Contractor. All responsibility for the accuracy belongs to the Contractor.



The Seal Appearing On This Document Was Authorized By  
*Grant M. Woodruff*  
90361, 2/15/09  
4-10-07

**WATER PLAN & PROFILE**  
STA. 24+00 TO 34+50  
THE PRESERVE - PHASE 3  
CITY OF ROCKWALL, TEXAS

**C&P Engineering, LTD.**  
Engineering • Planning • Surveying  
1801 GATEWAY BLVD. - SUITE 101  
ROCKWALL, TEXAS 75080  
email: info@c-pengineering.com

(972) 644-2800 OFC  
DRAWN BY: DATE: SCALE: JOB NUMBER: SHEET: 05110-11/2  
C&P 12/05 1"=40'-H 1"=4'-V 05110 39 of