THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY THE CONSTRUCTION MANAGER AND ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN SCOPE OF CONSTRUCTION . IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT HIS OWN EXPENSE. CALL 1-800-DIG-TESS AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION IN VICINITY.

EXISTING DRAINAGE EASEMENT FOR DETENTION AREA CABINET G, SLIDE 153-155

STA: 1+00.00 WL-B CONNECT TO PROP. 12" WATER MAIN (BY OTHERS)

STA: 1+32.41 WL-B INSTALL: 1-12" 11.25° BEND

STA: 2+21.43 WL-B INSTALL: 1-12"X8" TEE 1-8" GATE VALVE 1-FH W/ 8" LEAD

STA: 1+09.17 WL-B INSTALL 1-12" 22.5° BEND

STA: 1+91.76 WL-C CONNECT TO PROP. 12" WATER MAIN (BY OTHERS)

STA: 1+08.93 WL-C INSTALL: 1-12" 45° BEND

STA: 6+56.77 LINE A CONSTRUCT 4' DIA. SSMH REFER TO CITY OF ROCKWALL DETAILS RIM 539.84 FL 8" (OUT) 530.24 FL 8" (IN) 530.44

STA: 5+95.95 LINE A CONSTRUCT 4' DIA. SSMH REFER TO CITY OF ROCKWALL DETAILS RIM 539.24 FL 8" (OUT) 529.85 FL 8" (IN) 530.05

STA: 5+59.09 WL-B INSTALL: 1-12"X6" TEE 1-12" GATE VALVE 1-6" GATE VALVE 1-FH W/ 6" LEAD

STA: 5+91.97 WL-B INSTALL 1-12" 45° BEND

STA: 5+26.21 LINE A INSTALL 27 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 4+96.81 LINE A INSTALL 42 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 4+75.19 WL-C INSTALL: 1-12"X12 TEE 1-12"X6" REDUCER 1-12" GATE VALVE 1-6" GATE VALVE 1-FH W/ 6" LEAD

STA: 2+56.82 LINE A INSTALL 15 LF OF 4" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 6+20.12 WL-C INSTALL: 1-12" 45° BEND

STA: 1+00.00 LINE A = STA: 1+00.00 LINE B CONNECT TO PROP. 4' DIA. SSMH BY OTHERS REFER TO CITY OF ROCKWALL DETAILS RIM 540.43 FL 10" (OUT) (S) 524.90 FL 8" (IN) (N,E) 525.10 FL 8" (IN) (W) 530.50

STA: 7+27.06 WL-C INSTALL: 1-12" 45° BEND

STA: 2+15.58 LINE B INSTALL 7 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 2+73.88 LINE B INSTALL 7 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 7+09.74 WL-B INSTALL: 1-12"X6" TEE 1-12" GATE VALVE 1-6" GATE VALVE 1-6" 45° BEND 1-FH W/ 6" LEAD

STA: 7+21.21 WL-B INSTALL 1-12" 45° BEND

STA: 7+68.93 LINE A INSTALL 40 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 8+03.93 LINE A INSTALL 10 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 8+34.22 LINE A INSTALL 40 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

STA: 8+91.99 WL-B INSTALL: 1-12"X8" TEE 1-8" GATE VALVE 38 LF 8" FIRE SERVICE

STA: 9+94.40 WL-B INSTALL: 1-12"X8" TEE 1-6" GATE VALVE 1-FH W/ 6" LEAD

STA: 1+00.00 WL-A INSTALL 1-12" PLUG

STA: 11+30.45 LINE A END & PLUG 8" SANITARY SEWER FL 8" 535.30

STA: 10+39.40 WL-B= STA: 1+96.34 WL-A INSTALL: 1-12"X12" TEE 3-12" GATE VALVES

STA: 10+19.10 LINE A CONSTRUCT 4' DIA. SSMH W/ INTERNAL DROP CONNECTION REFER TO CITY OF ROCKWALL DETAILS RIM 540.76 FL 8" (OUT) 531.63 FL 8" (IN) 534.94

GREASE TRAP REFER TO MEP PLANS

FDC CONNECTION SEE MEP FOR CONTINUATION OF LINE

END AND PLUG WW SERVICE FL 6" 536.00

END AND PLUG WW SERVICE FL 6" 536.50

END AND PLUG WW SERVICE FL 6" 535.00

STA: 9+78.04 LINE A INSTALL 40 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

END AND PLUG WW SERVICE FL 6" 535.50

STA: 4+67.00 WL-A INSTALL: 1-12"X6" TEE 1-12" GATE VALVE 1-6" GATE VALVE 1-FH W/ 6" LEAD

COSTCO WHOLESALE

148K USA

FF = 541.50

END AND PLUG WW SERVICE FL 4" 536.50

Removed

STA: 5+50.00 WL-C INSTALL: 1-AIR RELEASE VALVE

STA: 7+56.44 WL-C INSTALL: 1-12"X8" TEE 1-12" GATE VALVE 1-6" GATE VALVE 1-FH W/ 6" LEAD

END AND PLUG WW SERVICE FL 6" 536.50

STA: 2+50.00 LINE B CONSTRUCT 4' DIA. SSMH W/ INTERNAL DROP CONNECTION REFER TO CITY OF ROCKWALL DETAILS RIM 541.13 FL 6" (OUT) 526.58 FL 8" (IN) 531.09

STA: 3+77.48 LINE B INSTALL 20 LF OF 6" PVC SEWER SERVICE AND CONNECT TO SERVICE LINE

END AND PLUG WW SERVICE FL 6" 536.50

END AND PLUG WW SERVICE FL 6" 536.50

GREASE TRAP REFER TO MEP PLANS

END AND PLUG WW SERVICE FL 6" 536.50

STA: 9+94.77 WL-C INSTALL: 1-2" DOM. SERVICE W/ METER 1-3"x2" REDUCER

STA: 9+97.70 WL-C INSTALL: 1-2" IRR. SERVICE W/ METER

STA: 10+10.18 WL-C INSTALL: 1-12"X6" TEE 1-12" GATE VALVE 1-6" GATE VALVE 1-FH W/ 6" LEAD

STA: 4+58.59 LINE B CONSTRUCT 4' DIA. SSMH REFER TO CITY OF ROCKWALL DETAILS INSTALL 48 LF OF 6" PVC SEWER SERVICE RIM 540.48 FL 8" (OUT) 534.97 FL 6" (IN) 535.17

STA:10+54.27 WL-C= STA: 7+66.84 WL-A INSTALL: 1-12"X12" TEE 2-12" GATE VALVE

STA: 14+22.67 WL-C INSTALL: 1-12" PLUG

STA: 13+47.43 WL-C INSTALL: 1-12" 90° BEND

PROPOSED STEEL FENCE ATOP RETAINING WALL (BY OTHERS)

PROP. FIRE HYDRANT (BY OTHERS)

PROP. 12" WATER (BY OTHERS)

PROP. FIRE HYDRANT AND UTILITY EASEMENT (BY OTHERS)

ELECTRIC CONDUIT

ELECTRIC CONDUIT AND GAS LINE

PROP. 8" SAN. SWR. (BY OTHERS)

2" POLY GAS LINE

PROP. 10" SAN. SWR. (BY OTHERS)

EX. 8" SAN. SWR.

GAS LINE

GAS STATION

COMMUNICATION CONDUIT

GAS CONTROLLER

SEE CONDUIT SCHEDULE SHEET C-14

8" SAN. SWR. LINE A

8" SAN. SWR. LINE B

12" WATER LINE WL-A

12" WATER LINE WL-B

12" WATER LINE WL-C

12" WATER LINE WL-C

30.00' ACCESS AND UTILITY ESMT.

10' ELECTRIC ESMT.

15' W.E.

FH

STATE HIGHWAY 276

N

W E

S

0 50' 100'

GRAPHIC SCALE 50'

03/06/09

RECORD DRAWING

THIS RECORD DRAWING HEREIN REFLECTS TO THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE, THE APPROXIMATE LOCATION OF THE CONSTRUCTED WORK, USING INFORMATION AS PROVIDED BY THE CONTRACTORS AND SURVEYED GRADES.

LEGEND

- EX. WATER
- PROP. WATER
- PROP. FIRE ASSEMBLY
- PROP. GATE VALVE
- PROP. GATE VALVE
- PROP. WATER METER
- EX. SANITARY SEWER
- PROP. SANITARY SEWER
- PROP. SANITARY LATERAL
- PROP. GREASE TRAP SEE MEP PLANS
- EX. STORM SEWER
- PROP. STORM SEWER

WATER METER SCHEDULE

I.D.	TYPE	SIZE	NO.	SAN. SEW
1	DOMESTIC	2"	1	10-6" 1-4"
2	IRRIGATION	2"	1	N/A

NOTES

1. SEE MEP PLANS FOR ALL UTILITY CONNECTIONS INTO BUILDING.
2. WATER AND SEWER LINES STUB 5 FEET FROM BUILDING FOR SERVICE CONNECTIONS UNLESS OTHERWISE NOTED.
3. ALL METERS SHALL HAVE BACKFLOW PREVENTION AND A DOUBLE DETECTOR CHECK ASSEMBLY. VERIFY LOCATION WITH MEP PLANS.
4. FOR INFORMATION ON "BY OTHERS" REFER TO "SITE IMPROVEMENT PLANS FOR ROCKWALL CENTRE CORNERS" PREPARED BY C.P.H. ENGINEERS, INC.
5. UNLESS OTHERWISE NOTED, ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO APPLICABLE SPECIFICATIONS OF THE CITY OF ROCKWALL, WITH AMENDMENTS, THE NORTH CENTRAL COUNCIL OF GOVERNMENTS "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" PARTS II AND III, LATEST EDITION.
6. ALL FIRE HYDRANTS SHALL HAVE 5' MINIMUM CLEARANCE AROUND, INCLUDING PARKED CARS AND LIGHT POLES.
7. AN APPROVED WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW OF 6,000 GPM FOR FIRE PROTECTION SHALL BE PROVIDED TO PREMISES UPON WHICH FACILITIES, BUILDING, OR PORTIONS OF BUILDINGS ARE HEREAFTER CONSTRUCTED OR MOVED INTO OR WITHIN JURISDICTION. THE FIRE CODE OFFICIAL SHALL BE NOTIFIED PRIOR TO THE WATER SUPPLY TEST. WATER SUPPLY TESTS SHALL BE WITNESSED BY THE FIRE CODE OFFICIAL AND APPROVED DOCUMENTATION OF THE TEST SHALL BE PROVIDED TO THE FIRE CODE OFFICIAL PRIOR TO FINAL APPROVAL OF THE WATER SUPPLY SYSTEM.

BM: SQUARE CUT W/ "X" SET ON TOP OF CONCRETE HEADWALL 15' ± NORTH OF THE NORTH EDGE OF PAVEMENT OF FM 276, 375' WEST OF SOUTHWEST PROPERTY CORNER ELEV. = 552.00

BM: CITY OF ROCKWALL CONTROL MONUMENT #2 ELEV. = 609.39

BM: 60d SET ON TOP OF CONCRETE HEADWALL 400' NORTH HWY 30 ELEV. = 552.00

STOP!

CALL BEFORE YOU DIG

DIG TESS

1-800-DIG-TESS

(at least 72 hours prior to digging)

No.	Date	Revisions	App.

Kimley-Horn and Associates, Inc.
5750 Genesis Court, Suite 200
Frisco, Texas 75034
Tel. No.(972) 335-3580
Fax No.(972) 335-3779

STATE OF TEXAS
DAVID K. KOCHALKA
87781
LICENSED
PROFESSIONAL ENGINEER
8-14-08

COSTCO WHOLESALE
ROCKWALL, TEXAS

WATER AND SEWER PLAN

Scale:	AS SHOWN
Designed by:	RCG
Drawn by:	RCG
Checked by:	DKK
Date:	August 14, 2008
Project No.	060000025

SHEET

C-11

OF 21

IMAGES
XREFS
PLOTTED BY
PLOTTED ON
LAST SAVED

XREF cAdd_-_XREF cTopo_-_XREF dBndy_-_XREF dEasmt_-_XREF S31217 - SGP_-_KHA_-_XREF dCPH_-_XREF cTopo-cEdge_-_XREF dBench_-_XREF dUtil_-_XREF dSite_-_XREF dSwrs_-_XREF dBurn_-_XREF dEls-Striping SH 276_-_XREF dEls-Striping SH 276_-_XREF dEls-Striping SH 276