

$\Delta = U \frac{1}{2}$
 $R = 518.69$
 $L = 114.22$
 $Ch L = 113.99$
 $Ch B = N31^{\circ}18'09'' E$

RIDGE ROAD
 (60' RIGHT-OF-WAY)
 $N 37^{\circ}36'40'' E$

LOT 18, BLOCK A
 HORIZON RIDGE ADDITION
 CABINET F, SLIDE 215

UNDERGROUND
 ELECTRIC LINE
 FROM KIOSK TO
 POWER POLE

LOT 1, BLOCK A
 WALGREENS R.D.
 RETAIL ADDITION
 CABINET D, SLIDE
 369

$N65^{\circ}00'28'' N$
 $49.668'$
 $N44^{\circ}22'43'' E$
 $20.34'$
 $N 45^{\circ}37'17'' W$
 $149.37'$
 $236.88'$

$N 45^{\circ}37'17'' W$
 $236.88'$

SEE OVERALL SITE PLAN
 FOR CONNECTION TO EXISTING WATER LINE

LEGEND

EXISTING	
---	BOUNDARY LINE
---	RIGHT OF WAY LINE
---	STORM DRAIN
X" G	GAS
OHE	OVERHEAD ELECTRIC
OHE&T	OVERHEAD ELECTRIC AND TELEPHONE
OHT	OVERHEAD TELEPHONE
OHTV	OVERHEAD TV
X"S	SEWER
UGE	UNDERGROUND ELECTRIC
UGE&T	UNDERGROUND ELECTRIC AND TELEPHONE
UGT	UNDERGROUND TELEPHONE
UGTV	UNDERGROUND TV
X"W	WATER
o	EAST OR ELECTRIC
n	NORTH
oh	OVERHEAD
s	SOUTH OR SEWER
t	TELEPHONE
ug	UNDERGROUND
w	WEST OR WATER
IRS	Iron Rod Set
SS	Sanitary Sewer
SW	Storm Sewer
CM	Control Monument
GV	Gas Valve
GM	Gas Meter
WM	Water Meter
FH	Fire Hydrant
LP	LIGHT POLE & PULL BOX
IV	Irrigation Valve
CO	Clean Out
AC	Air Conditioner
TV	Cable Box
SB	Signal Box
SP	Signal Pole
EB	Electric Box
PP	Power Pole
GW	Guy Wire
MH	Manhole
WV	Water Valve
TP	Telephone Pedestal
SN	Sign
IRF	Iron Rod Found

PROPOSED	
---	BOUNDARY LINE
---	LIMITS OF CONSTRUCTION
X"W	WATER SERVICE
UGE	UNDERGROUND ELECTRIC SERVICE
FOC	FIBER OPTIC COMMUNICATIONS SERVICE

GENERAL UTILITY NOTES

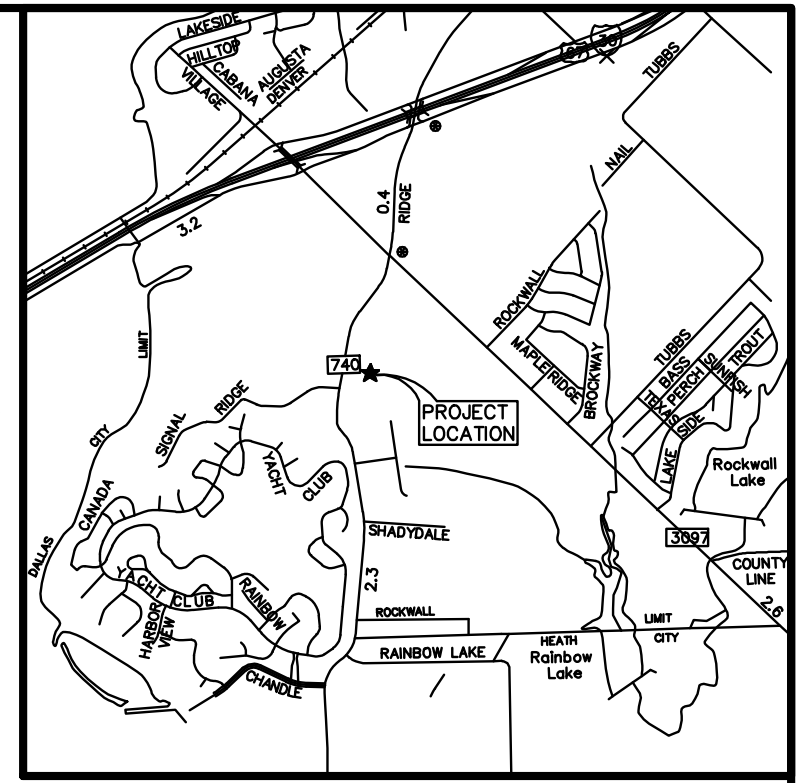
- ALL WATER LINES SHALL BE 3/4" TYPE K COPPER WITH 36" MIN. COVER.
- CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
- ALL ELECTRIC, TELEPHONE AND GAS EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
- PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM CEI ENGINEERING AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. CEI ENGINEERING AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
- UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREON OR WITHIN SPECIFICATIONS:
ALL WATER LINE PIPE BEDDING SHALL BE INSTALLED PER DETAIL 73A.
CONTRACTOR SHALL REMOVE/REPLACE CURB & GUTTER, PAVEMENT, STRIPING FOR ALL UTILITY EXTENSIONS.

UTILITY NOTES

- METERED DOMESTIC WATER SERVICE ENTRANCE PER ARCH. PLANS (SEE SIZES THIS SHEET)
- POINT OF CONNECTION FOR ELECTRICAL SERVICE (PER ONCOR REQUIREMENTS)
- PROPOSED POLE MOUNTED ELECTRIC TRANSFORMER (BY ONCOR)
- VERIFY LOCATION OF EXISTING UTILITY BEFORE CONSTRUCTING PROPOSED UTILITY.
- LOCATION FOR THIS UTILITY AS SHOWN IS FOR DRAWING PURPOSES ONLY. CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN FIELD PRIOR TO THE CONSTRUCTION OF THE PROPOSED UTILITY LINE TO BE CONNECTED. CONTRACTOR SHALL NOTIFY CEI ENGINEERING ASSOCIATES, INC. IF THE DESIGN AS SHOWN IS NOT ACHIEVABLE.
- ALL PULL BOXES LOCATED IN PAVED AREAS SUBJECT TO TRUCK TRAFFIC SHALL BE H-20 LOAD RATED. THE TYPICAL PULL BOX SIZE SHALL BE 18 INCHES X 24 INCHES X 24 INCHES OR DEEPER WHEN THE CONDUIT ALIGNMENT IS AFFECTED BY OTHER UTILITIES. ACCEPTABLE FOR MOST LOCATIONS IS A QUARTZITE PG1730B24 BOX WITH PG1730H400 LID (STRONGWELL LENOIR CITY DIVISION 800-346-3026) OR APPROVED EQUAL. THE PULL BOX SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATION WITH A CONCRETE COLLAR AND A MINIMUM OF 8 INCHES OF GRAVEL COMPACTED PER PROJECT SPECIFICATIONS. IF USING A PULL BOX TO CHANGE DIRECTION THE MINIMUM BOX SIZE SHALL BE 48 INCHES X 48 INCHES X 24 INCHES PRECAST CONCRETE WITH SEPARATE MANHOLE LID AND COLLAR.
- DIRECTIONAL BORINGS PER LOCAL CODES.
- WATER SERVICE CONNECTION (PER CITY STANDARDS)
- BACKFLOW PREVENTER (PER LOCAL CODES AND SPECIFICATIONS)
- PROVIDE AND INSTALL 3/4" HOSE BIB. ATTACH HOSE BIB TO KIOSK WALL. CONTRACTOR TO PROVIDE INSULATION FOR THE PIPE ABOVE GROUND.
- 3/4" WATER LINE FOR HOSE BIB CONNECTION.
- COMMUNICATION SERVICE ENTRY (PER ARCH. PLANS)
- ELECTRIC SERVICE ENTRY (PER ARCH. PLANS)
- PROVIDE & INSTALL (1) 3/4" CONDUITS WITH PULL STRINGS FROM KIOSK TO VENT RISER
- PROVIDE & INSTALL (1) 3/4" CONDUIT FROM KIOSK TO AIR/WATER
- FUEL CONTRACTOR RESPONSIBLE FOR INSTALLING ELECTRICAL WIRING AND CABLES IN CONDUITS.
- PROVIDE & INSTALL (2) 2" CONDUITS WITH PULL STRINGS FROM KIOSK TO EXISTING KROGER BUILDING. (1) CONDUIT FOR COMMUNICATION CABLES.
- CONTRACTOR TO INSTALL CONDUITS FOR FOC COMMUNICATIONS SERVICE FROM KIOSK TO ECR ROOM (CABLES AND CONNECTION BY OTHERS).
- CONTRACTOR TO AVOID CONFLICT WITH GAS PRODUCT LINES.
- ONCOR TO INSTALL A NEW POWER POLE, POLE MOUNTED TRANSFORMER, WIRES FROM KIOSK TO POWER POLE, AND ALL ABOVEGROUND POWER LINES AND CONDUITS CONNECTIONS. CONTRACTOR IS RESPONSIBLE TO INSTALL 1 - 3" GREY CONDUIT WITH PULL TAPES PER ONCOR STANDARD FROM THE KIOSK TO THE BOTTOM OF THE POWER POLE AND COORDINATE WITH PHILLIP DICKINSON (972-551-6712) WITH ONCOR FOR POWER CONNECTION SCHEDULE. CONTRACTOR TO COORDINATE WITH ONCOR FOR METER LOCATION. METER IS PROVIDED BY ONCOR AND INSTALLED BY CONTRACTOR.

APPROVED PULL TAPES	CONDUIT SIZE	MANUFACTURER	CATALOG NO.
3"	ARCO	DL WP 25	
	FIBERTEK	WP2500	
	NEPTCO, INC.	WP2500P	

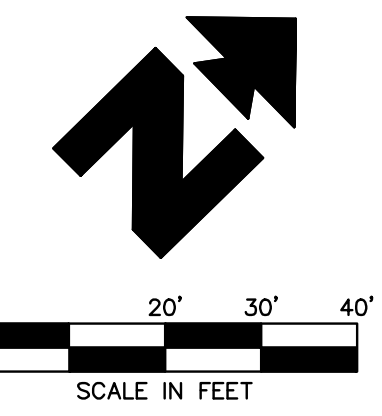
- CONTRACTOR TO REROUTE EXISTING LIGHTING CONDUITS AND WIRES AVOID FUEL STATION.
- ONCOR CONDUIT MUST HAVE MINIMUM OF 1 FOOT VERTICAL SEPARATION AND 5 FEET HORIZONTAL SEPARATION WITH OTHER UTILITY LINES.



Vicinity Map
Not to Scale



TEXAS EXCAVATION
 SAFETY SERVICES
 1-800-344-8377



BENCHMARK INFORMATION:
 BM #1 - AN "X" CUT FOUND ELEVATION = 563.79
 BM #2 - A PK NAIL FOUND ELEVATION = 558.80

ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN
 REMAINS WITH THE DESIGN ENGINEER. THE CITY OF
 ROCKWALL, IN REVIEWING AND RELEASING PLANS
 FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY
 FOR ADEQUACY OR ACCURACY OF DESIGN.

AS-BUILT

INITIAL DESIGN	11/28/11	LWY	CWO	TJA	TJA
DATE	PRN	PM	DES	DRW	
KROGER SW-575 FUEL CENTER					
CEI Engineering Associates, Inc.					
ENGINEERS • PLANNERS • SURVEYORS LANDSCAPE ARCHITECTS • ENVIRONMENTAL SCIENTISTS					
3030 LBJ Freeway, Suite 100 Dallas, TX 75234			(972)488-3737 (972)488-6732		
UTILITY PLAN 2935 RIDGE ROAD ROCKWALL, TEXAS				DATE 12/1/11 10:07 AM	SHEET NO. C6 OF 11 AS-BUILT



F-7524