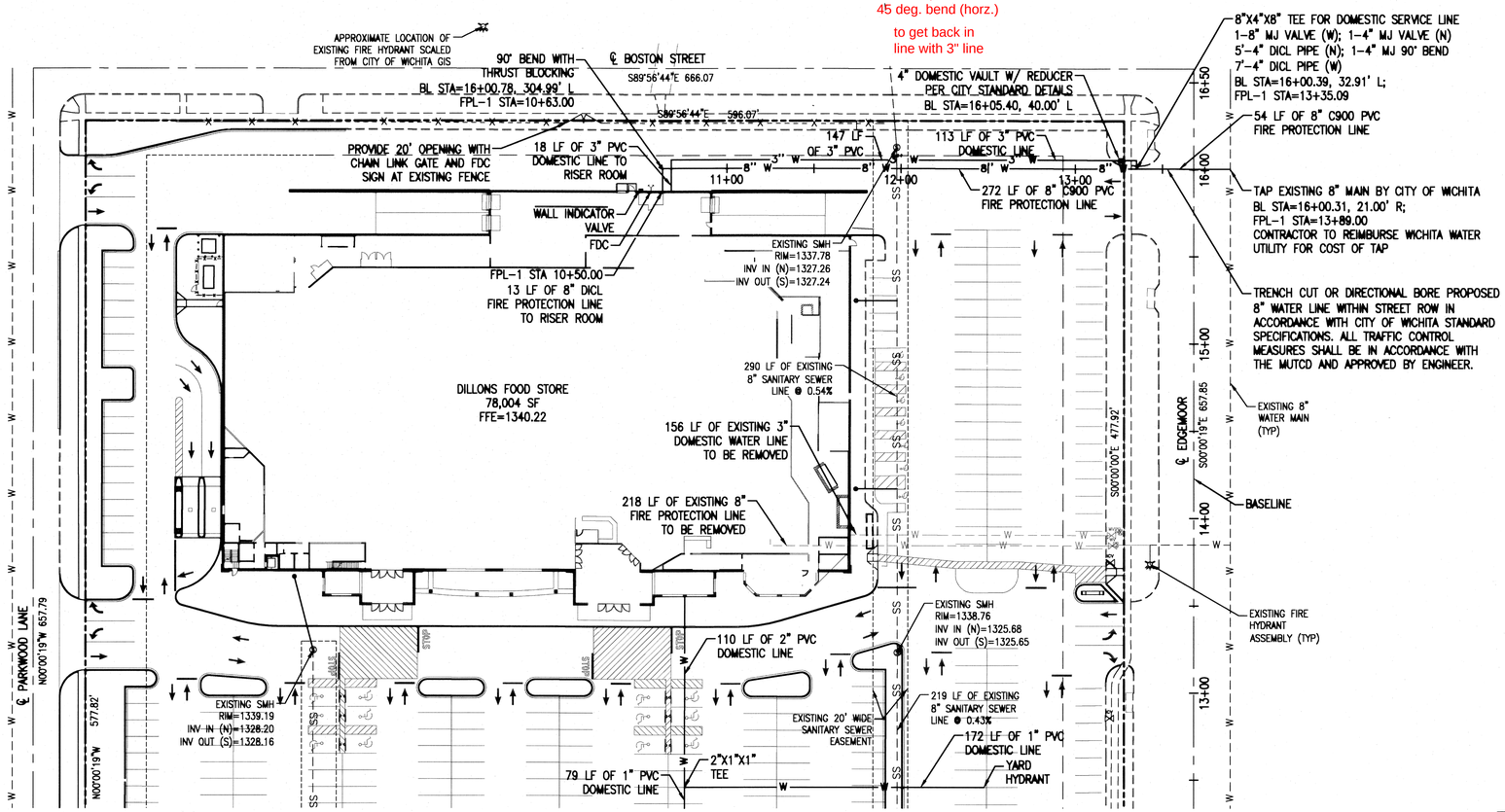
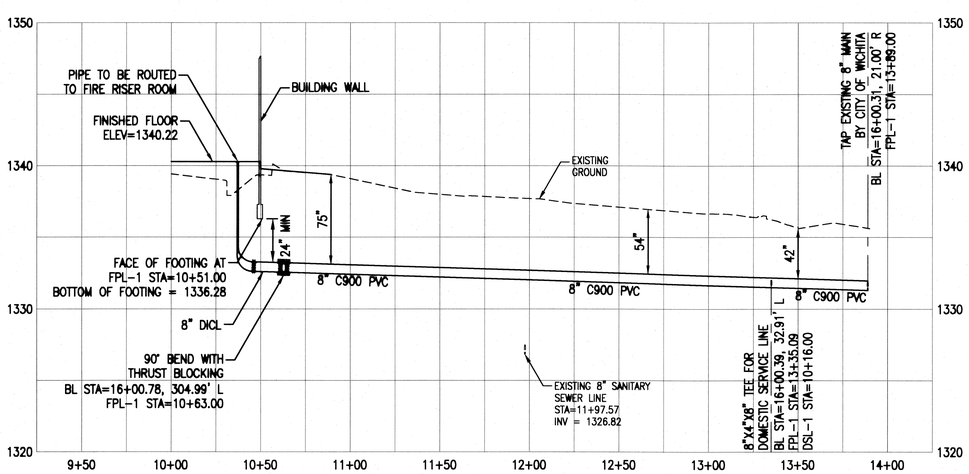
On Westside of vault - 4" to 3" Reducer -
45 deg. bend (horz.)
10' of 3" pvc.
45 deg. bend (horz.)

to get back in
line with 3" line



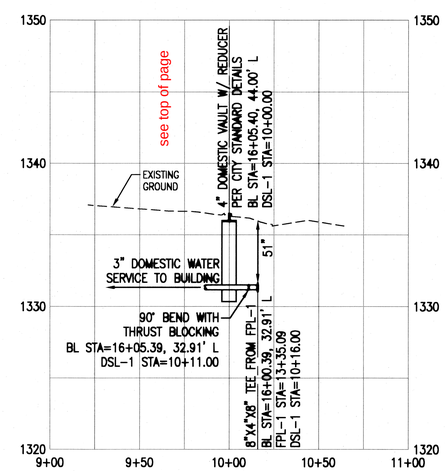
1 FIRE PROTECTION LINE PLAN

SCALE: 1"=40'



2 LINE 1 - FIRE PROTECTION LINE PROFILE

SCALE: 1"=40' HORIZONTAL, 1"=5' VERTICAL



3 LINE 2 - DOMESTIC SERVICE LINE PROFILE

SCALE: 1"=40' HORIZONTAL, 1"=5' VERTICAL

NORTH

0 20 40 80

1 INCH = 40 FEET

SITE DATA:

DILLONS STORE #96
5500 E HARRY ST
WICHITA, KS 67218

ZONING: LC (LIMITED COMMERCIAL) W/ PROTECTIVE OVERLAY

PARCEL SIZE: 7.5± ACRES

PICKERING FIRM INCORPORATED UNDERGROUND UTILITIES DISCLAIMER

INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS AND HIS CONTRACTORS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE ENGINEER IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION REGARDING THE UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES SHOWN HEREON.

SPECIAL FLOOD HAZARD STATEMENT

ACCORDING TO THE FEMA/FIRM COMMUNITY PANEL NO. 200328 0030 B, EFFECTIVE MAY 15, 1986, THE PROPERTY SHOWN HEREON IS LOCATED IN ZONE C, AN AREA OF MINIMAL FLOODING.

WATER/SEWER SEPARATION NOTES:

1. WATER MAINS SHALL BE LAID AT LEAST 10' HORIZONTALLY AND 24" VERTICALLY FROM ANY SEWER OR MANHOLE (WATER OVER SEWER).
2. WHERE LOCAL CONDITIONS PREVENT ADEQUATE VERTICAL SEPARATION, THE SANITARY SEWER MUST BE CONSTRUCTED OF DUCTILE IRON, PVC, OR REINFORCED CONCRETE, THE SEWER LINE MUST MEET REQUIREMENTS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS, AND MUST BE PRESSURE TESTED PURSUANT TO CHAPTER VI OF THE KDHE MINIMUM STANDARD OF DESIGN OF WATER POLLUTION CONTROL FACILITIES.
3. JOINTS IN THE SEWER PIPE SHALL BE LOCATED A MINIMUM OF 10' FROM THE INTERSECTED WATER MAIN.
4. WHERE A WATER MAIN IS LAID BELOW THE SANITARY SEWER, REGARDLESS OF CLEAR SPACE, THE SANITARY SEWER SHALL BE REINFORCED CONCRETE ENCASED FOR A DISTANCE OF TEN FEET EACH WAY FROM THE WATER LINE CROSSING.

WATER NOTES:

1. ALL MATERIALS AND INSTALLATION, TESTING, DISINFECTING, AND INSPECTIONS SHALL CONFORM TO THE CITY OF WICHITA TECHNICAL SPECIFICATIONS, AND THE REQUIREMENTS OF THE STATE OF KANSAS.
2. ALL PIPE LINES, FIRE HYDRANTS, VALVES, AND FITTINGS ARE TO BE BLOCKED WITH CONCRETE THRUST BLOCKS OR APPROVED EQUAL IN ACCORDANCE WITH CITY OF WICHITA STANDARD DETAILS.
3. WATER LINES, VALVES, FITTINGS AND HYDRANTS SHALL BE INSTALLED, DISINFECTED, PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS.
4. WATER LINES SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL AND VERTICAL CLEARANCE FROM SANITARY SEWER LINES AS REQUIRED BY THE CITY OF WICHITA.
5. ALL PVC PIPE SHALL BEAR THE NSF SEAL OF APPROVAL.

UTILITY NOTE:

CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING NATURAL GAS, WATER, AND STORM SEWER LINES WHERE CROSSING PROPOSED SANITARY SEWER LINES OR ANY SANITARY SEWER CONSTRUCTION. CONTRACTOR SHALL PROVIDE ELEVATIONS OF EXISTING UTILITIES TO THE ENGINEER TO VERIFY ADEQUATE CLEARANCE.

CARA L. MARTIN
LICENSED
11642
KANSAS
PROFESSIONAL ENGINEER
5-30-10

SYMBOL LEGEND

- LIGHT POLE
- ELECTRIC BOX
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- WATER VALVE
- FIRE HYDRANT
- CURB INLET
- DRAIN INLET
- STORM SEWER MANHOLE
- MONITOR WELL
- RECOVERY WELL
- GAS METER
- ELECTRIC METER
- VALVE BOX
- CLEAN OUT
- UTILITY ACCESS COVER
- VAULT

ABBREVIATIONS

EP	EDGE OF PAVEMENT
ROW	RIGHT OF WAY
℄	CENTERLINE
RCP	REINFORCED CONCRETE PIPE
CONC.	CONCRETE
CMP	CORRUGATED METAL PIPE
⅊	SUBJECT PROPERTY LINE
TC	TOP OF CURB
BC	BOTTOM OF CURB
POB	POINT OF BEGINNING
HCR	HANDICAP RAMP
	HANDICAP PARKING/ACCESS

LINE LEGEND

—OHE— —OHE— —OHE—	EXIST. OVERHEAD ELECTRIC LINES
—UGE— —UGE— —UGE—	EXIST. UNDERGROUND ELECTRIC LINES
—G— —G— —G— —G—	EXIST. GAS LINE
—W— —W— —W— —W—	EXIST. WATER LINE
—SS—SS—SS—SS—SS—	EXIST. SANITARY SEWER LINE
—OT— —OT— —OT— —OT—	EXIST. OVERHEAD TELEPHONE LINE
—UGT—UGT—UGT—UGT—	EXIST. UNDERGROUND TELEPHONE LINE
	EXIST. DRAINAGE/STORM SEWER LINE
—X—X—X—X—X—X—X—	FENCE
	SUBJECT AREA BOUNDARY
—OHE— —OHE— —OHE—	OVERHEAD ELECTRIC LINES
—UGE— —UGE— —UGE—	UNDERGROUND ELECTRIC LINES
	GAS LINE
	WATER LINE
	SANITARY SEWER LINE
	OVERHEAD TELEPHONE LINE
	UNDERGROUND TELEPHONE LINE
	DRAINAGE/STORM SEWER LINE
	FENCE

NOTE: ALL SYMBOLS, ABBREVIATIONS, OR LINESTYLES DO NOT NECESSARILY APPEAR ON DRAWING(S). USE ONLY AS APPLICABLE.

NOTE:

REPAIR ALL EXIST. ASPHALT PAVEMENT, CONCRETE CURB AND GUTTER, AND REPLACE SOD AND LANDSCAPING AS REQUIRED FOR UTILITY CONSTRUCTION

UTILITY NOTE:

EXISTING CONDITIONS AND UTILITY INFORMATION WAS PROVIDED BY THE SAVOY COMPANY, P.A.

UTILITY NOTE:

CONTRACTOR SHALL SUPPLY AND INSTALL ALL ITEMS AND PERFORM ALL WORK NOT COVERED BY UTILITY COMPANIES. VERIFY INSTALLATION PROCEDURE WITH UTILITY COMPANY.

Pickering Firm Incorporated
Architecture • Engineering • Planning • Surveying
6775 Lenox Center Court, Suite 300
Memphis, TN 38115
901.726.0810

DILLONS FOOD STORE #96
PROJECT TITLE

FIRE PROTECTION LINE PLAN & PROFILE
SHEET TITLE

GTW	GTW	CLM
DESIGNED BY	DRAWN BY	CHECKED BY
03-30-10	21047-08	2 OF 6
DATE	JOB NUMBER	SHEET

K:\21047-08\Dwg\WATER PLANS\21047-08-WATER-C2-PLAN & PROFILE.dwg
Plot Scale: 1=40
Model: March 30, 2010 9:22 AM