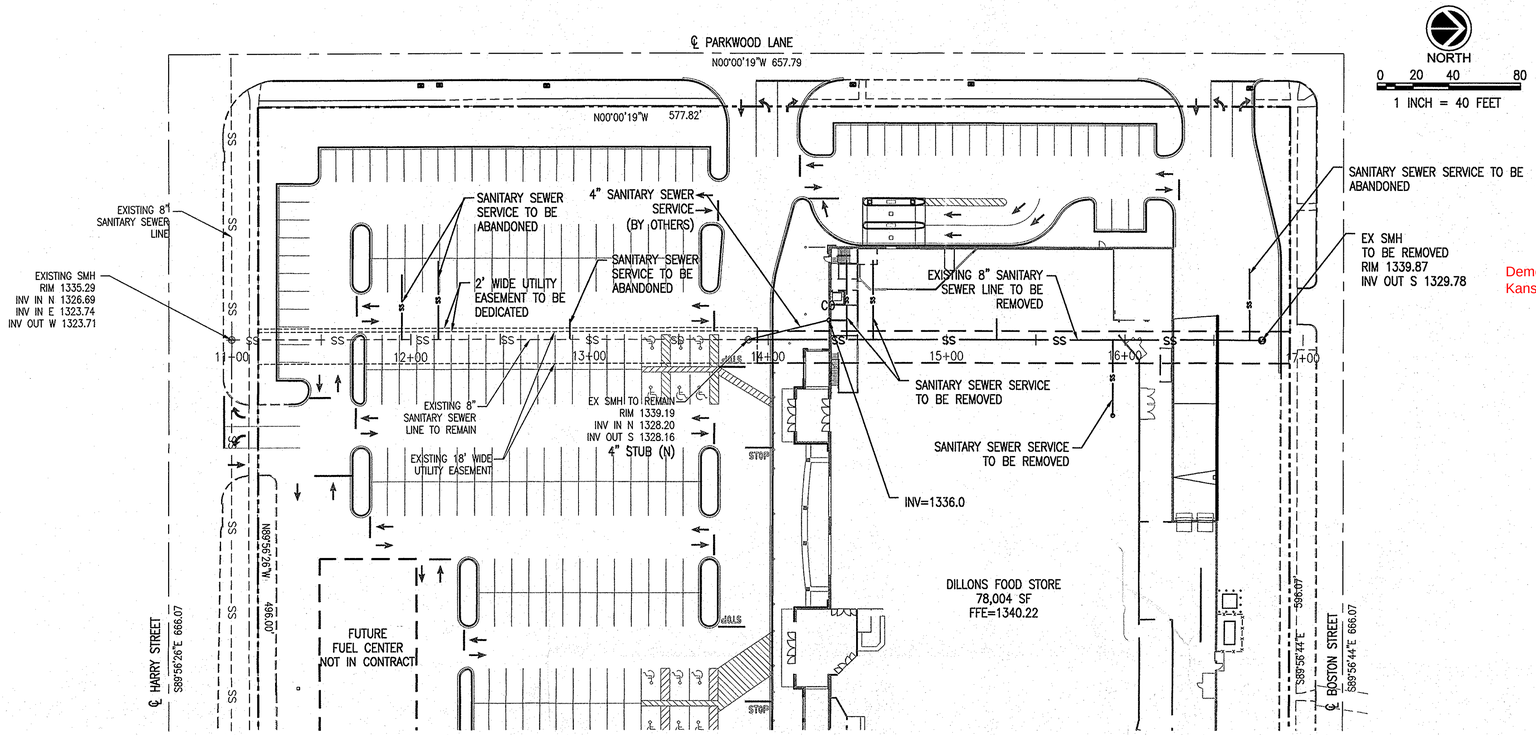
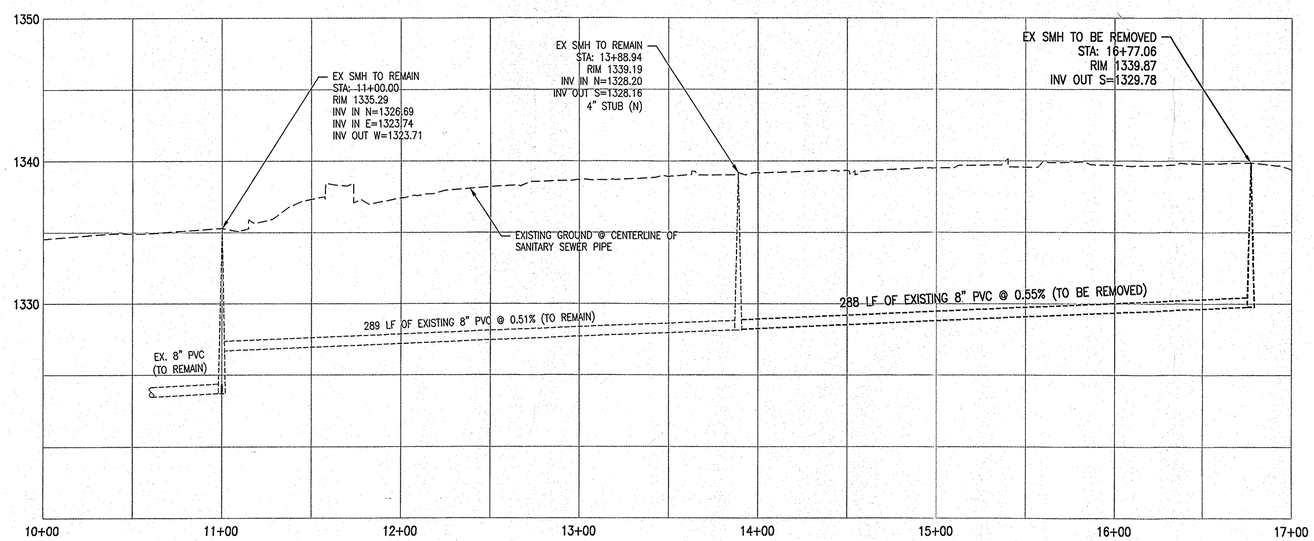


1 SANITARY SEWER PLAN
SCALE: 1"=40'



2 SANITARY SEWER PROFILE
SCALE: 1"=40' HORIZONTAL, 1"=5' VERTICAL

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.

SEWER NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ANY UTILITY COMPANY WHICH MAINTAINS A UTILITY LINE WITHIN THE BOUNDARIES OF THE PROJECT PRIOR TO THE INITIATION OF ANY CONSTRUCTION ON THE PROJECT OR IN THE STREETS BORDERING THE PROJECT. THE CONTRACTOR SHALL ALSO ASSUME THE RESPONSIBILITY FOR ANY DAMAGE INCURRED BY ANY UTILITY COMPANY, TO THEIR LINES, WHETHER SHOWN ON THE CONSTRUCTION PLANS OR NOT, DURING WORK ON THE PROJECT.
2. ALL SANITARY SEWER MATERIALS, TESTING, INSPECTION, AND INSTALLATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF WICHITA AND STATE OF KANSAS SPECIFICATIONS. 8" SANITARY SEWERS ARE REQUIRED TO BE VISUALLY INSPECTED OR WITH A TELEVISION CAMERA AND AIR TESTING BY THE CITY OF WICHITA.
3. SEVENTY-TWO (72) HOURS BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL KANSAS ONE CALL AT 316-687-2470.
4. THE CONTRACTOR SHALL FIELD VERIFY SANITARY SEWER ELEVATIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
5. ALL PVC SEWER LINES SHALL RATED AS SCH 40.

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.

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

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.

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

UTILITY NOTE:

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

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DILLONS FOOD STORE #96 (PROJECT NAME)		
PLAN & PROFILE OF SANITARY SEWER (SHEET TITLE)		
GTW (DESIGN BY)	GTW (DRAWN BY)	CLM (CHECKED BY)
12-07-09 (DATE)	21047-08 (JOB NUMBER)	2 OF 3 (SHEET)

K:\21047-08\Proj\SEWER PLANS\04-09-SEWER-Co-Plan & PROFILE.dwg
Pen Table: Full
Plot Scale: 1=40
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