

INFORMATION REGARDING THE REPATED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES SHOWN HEREON. THAT NO CERTAINLY 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 AND SHOW MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, AND HIS CONTRACTORS SHALL BE RESPONSIBLE TO OBTAIN THE NECESSARY INFORMATION TO DETERMINE THE LOCATION OF UTILITIES AND STRUCTURES. THE DISTANCE BETWEEN THE UTILITIES AND STRUCTURES SHOWN HEREON IS NOT NEARLY AS CLOSE AS IT MAY BE. THE USER OF THIS DRAWING IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION REGARDING THE UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES SHOWN HEREON.

1. ALL SANITARY SEWER MATERIALS, TESTING, INSPECTION, AND INSTALLATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF LAWRENCE AND STATE OF KANSAS SPECIFICATIONS.
2. SEVENTY-TWO (72) HOURS BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL KS ONE CALL AT 811.
3. THE CONTRACTOR SHALL FIELD VERIFY SANITARY SEWER ELEVATIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
4. ALL PVC SEWER LINES SHALL BE RATED AS SCH 40 OR SDR-26 IN ACCORDANCE WITH ASTM D-3034.
5. CONTRACTOR SHALL ENSURE UNINTERRUPTED SEWER SERVICE TO EXISTING SEWER AND SERVICE CONNECTIONS BY PROVIDING AMPLE TEMPORARY WASTEWATER PUMPING AND/OR BYPASSING.
6. TREES SHALL BE PLANTED NO CLOSER THAN 8' FROM ANY EXISTING OR PROPOSED SEWER LINE.

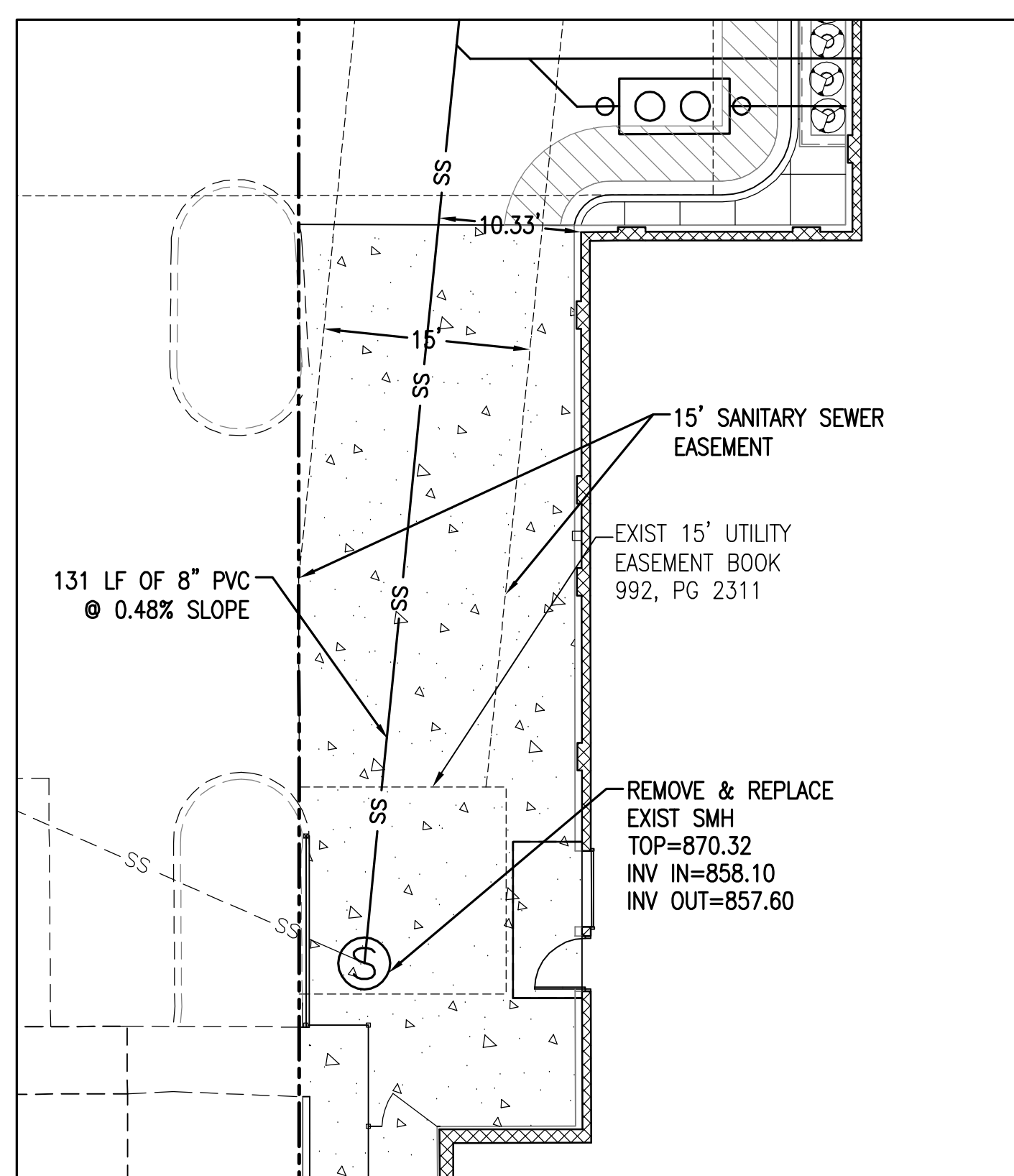
1. ALL UTILITY CONSTRUCTION TO CONFORM TO WESTAR ENERGY, BLACK HILL ENERGY, AND AT&T UTILITY STANDARDS AND SPECIFICATIONS.
2. GAS, ELECTRIC, & TELEPHONE SERVICE SHOWN IS SCHEMATIC ONLY. GAS SERVICE TO BE PROVIDED BY BLACK HILLS ENERGY; ELECTRIC SERVICE TO BE PROVIDED BY WESTAR ENERGY; TELEPHONE SERVICE TO BE PROVIDED BY AT&T. SITE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY PROVIDERS AND THE BUILDING CONTRACTOR FOR GAS, ELECTRIC AND TELEPHONE SERVICE.
3. SITE WORK CONTRACTOR SHALL ENSURE THAT SLEEVES FOR SITE LIGHTING AND IRRIGATION ARE INSTALLED PRIOR TO PAVING.
4. PROVIDE PULLWIRE IN ALL EMPT CONDUITS.

----- D ----- D ----- D	EXISTING STORM DRAINAGE
----- T ----- T ----- T	EXISTING OVERHEAD TELEPHONE LINES
----- UGT ----- UGT ----- UGT	EXISTING UNDERGROUND TELEPHONE LINES
----- OHE ----- OHE ----- OHE	EXISTING OVERHEAD ELECTRIC LINES
----- UGE ----- UGE ----- UGE	EXISTING UNDERGROUND ELECTRIC LINES
----- G ----- G ----- G	EXISTING NATURAL GAS LINE
----- W ----- W ----- W	EXISTING WATER LINE
----- SS ----- SS ----- SS	EXISTING SANITARY SEWER LINE
----- X ----- X ----- X	EXISTING FENCE
----- T ----- T ----- T	OVERHEAD TELEPHONE LINES
----- UGT ----- UGT ----- UGT	UNDERGROUND TELEPHONE LINES
----- OHE ----- OHE ----- OHE	OVERHEAD ELECTRIC LINES
----- UGE ----- UGE ----- UGE	UNDERGROUND ELECTRIC LINES
----- G ----- G ----- G	NATURAL GAS LINE
----- W ----- W ----- W	WATER LINE
----- SS ----- SS ----- SS	SANITARY SEWER LINE
----- X ----- X ----- X	FENCE

- POWER POLE
- METAL TRAFFIC POLE
- LIGHT POLE
- ELECTRIC BOX
- ANCHOR GUY
- TELEPHONE PEDESTAL
- SANITARY SEWER MANHOLE
- GAS VALVE
- WATER VALVE
- WATER METER/WATER SHUTOFF
- FIRE HYDRANT
- CURB INLET
- DRAIN INLET
- STORM SEWER MANHOLE
- MONITOR WELL
- FOUND IRON PIN/NAIL/SPIKE
- SET IRON PIN/NAIL/SPIKE
- FOUND CONCRETE MONUMENT
- SIGN
- TREE, SHRUB, PLANTING
- FIRE DEPARTMENT CONNECTION
- MONITOR WELL

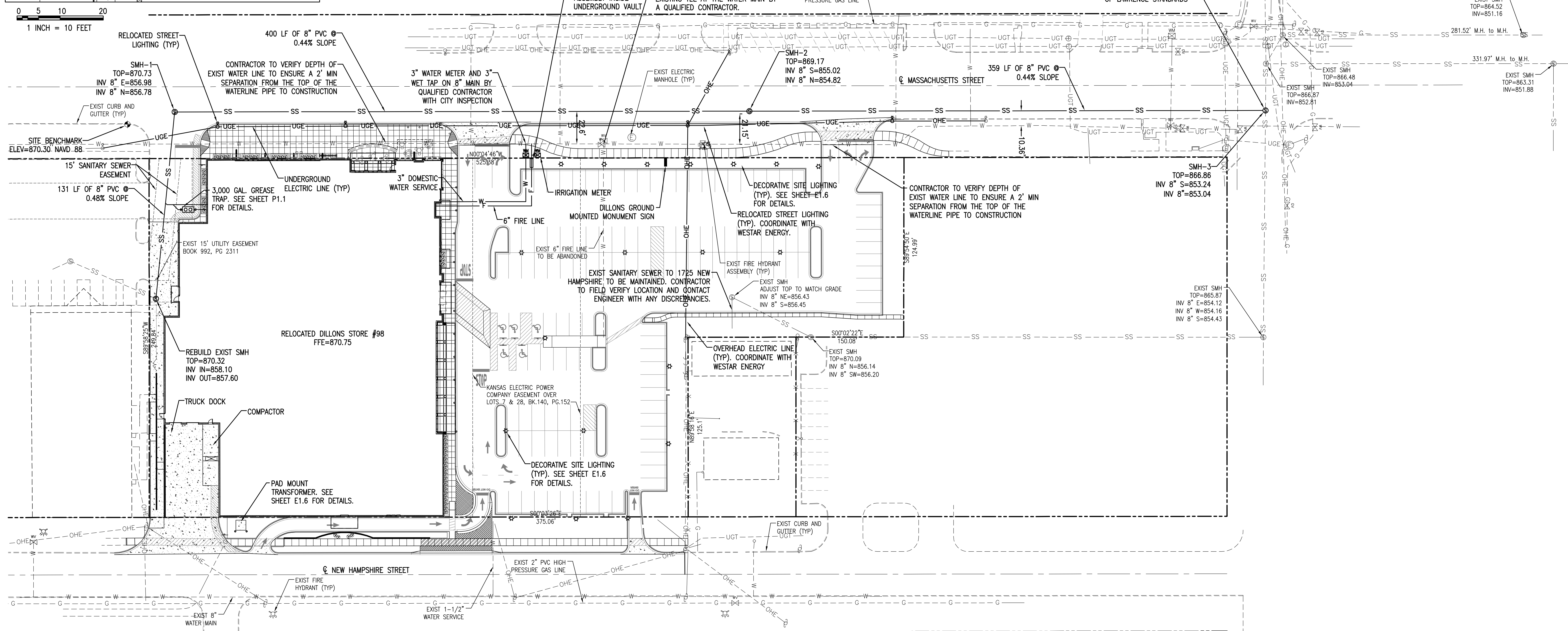
EP	EDGE OF PAVEMENT
ROW	RIGHT OF WAY
C	CENTERLINE
RCP	REINFORCED CONCRETE PIPE
CONC	CONCRETE
CMP	CORRUGATED METAL PIPE
E	SUBJECT PROPERTY LINE
TC	TOP OF CURB
B	BOTTOM OF CURB
POB	POINT OF BEGINNING
HCR	HANDICAP RAMP
	HANDICAP PARKING/ACCESS
SCO	SEWER CLEANOUT
INLET	INLET
HOWL	HEADWALL
PB	PLAT BOOK
PG	PAGE
C=	DEED CALL
C&M=	CALL & MEASURED DISTANCE
ESMT	EASEMENT

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



1. ALL MATERIALS AND INSTALLATION, TESTING, DISINFECTING, AND INSPECTIONS SHALL CONFORM TO THE CITY OF LAWRENCE TECHNICAL SPECIFICATIONS, AND THE REQUIREMENTS OF THE STATE OF KANSAS. WATER LINES, FITTINGS AND CONNECTIONS ARE TO BE TESTED FOR WATER TIGHTNESS BY PRESSURE TESTING.
2. ALL PIPE LINES, FIRE HYDRANTS, VALVES, AND FITTINGS ARE TO BE BLOCKED WITH CONCRETE THROST BLOCKS IN ACCORDANCE WITH CITY OF LAWRENCE STANDARD DETAILS.
3. SLEEVES FOR IRRIGATION AND LIGHT SIGHTING SHALL BE INSTALLED PRIOR TO PAVING.
4. ALL PVC PIPE SHALL BEAR THE NSF SEAL OF APPROVAL.
5. THE WATER PLAN SHOWN IS DIAGRAMATIC ONLY. THE STEWOK CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS INCLUDING MATERIALS, INSTALLATION, TESTING, AND INSPECTION. COORDINATE CITY OF LAWRENCE WATER UTILITY.
6. ALL WATER LINES SHALL HAVE A MINIMUM OF 30" COVER FROM FINISHED GRADE. WATER LINES SHALL BE PVC C900, CLASS 200.
7. TREES SHALL BE PLANTED NO CLOSER THAN 8' FROM ANY EXISTING OR PROPOSED WATER LINE.

SEE SHEET CD1 EXISTING CONDITION & DEMOLITION PLAN
FOR ABANDONMENT AND REMOVAL OF EXISTING UTILITIES.



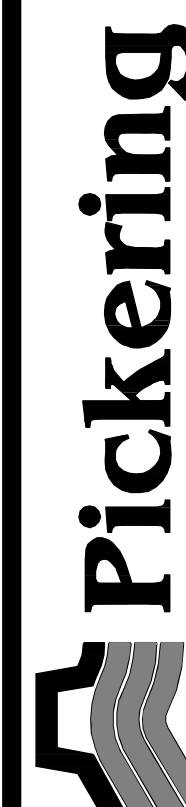
1A $1" = 20'$

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DESIGNER:	JMI
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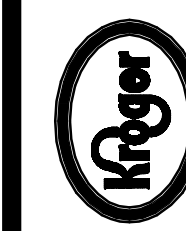
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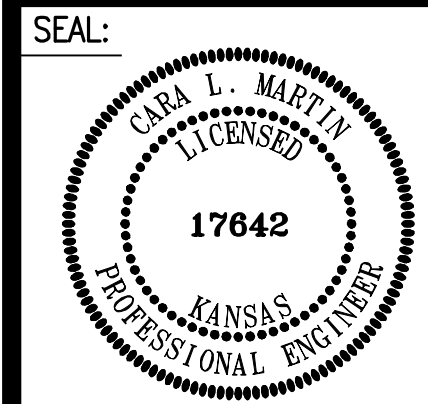
**2700 E. 4TH
HUTCHINSON, KS 67501**

DILLONS STORE #98

**1740 MASSACHUSETTS STREET
LAWRENCE, KS 66044**



THE KROGER CO.
GENERAL OFFICE
1014 VINE STREET
CINCINNATI, OHIO



C1.3

UTILITY PLAN