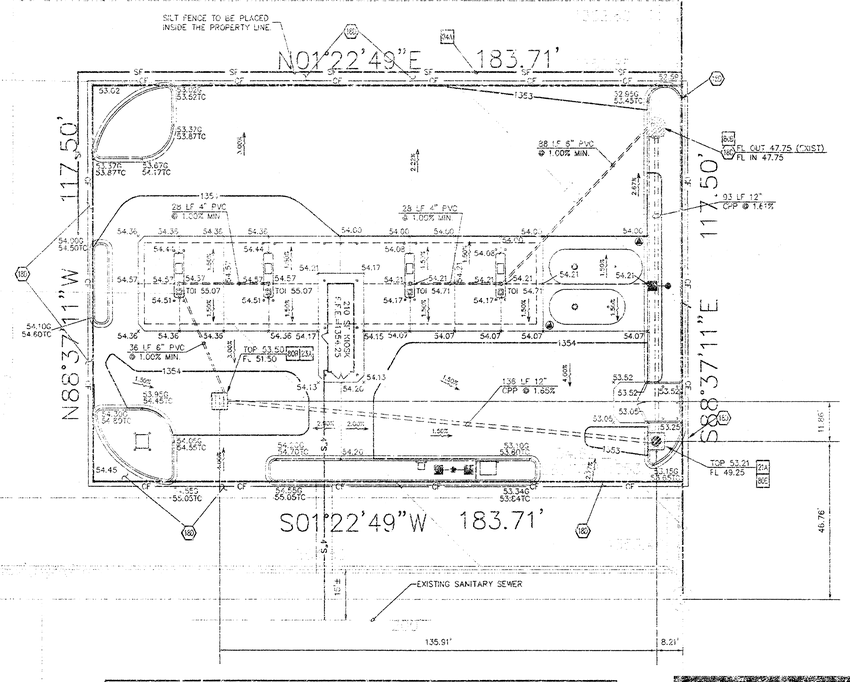
1121PPS

PRIVATE STORM WATER SERVICE FOR PART OF LOT 1, BLOCK 1, NEW MARKET SQUARE.

CITY OF WICHITA PRIVATE PROJECT NO. 1121PPS, OCA #607861
MICHAEL E. LINDEBAK, P.E. CITY ENGINEER

ROOF LEADS ARE NOT A PART OF THIS PROJECT AND WILL REQUIRE OCI'S REVIEW AND PERMIT.



TESORO GENERAL NOTES:

1. CONTRACTOR TO INSTALL PREFABRICATED BUILDING, CANOPY, UTILITY ENTRANCES, AND UNDERGROUND FUEL TANKS IN ACCORDANCE WITH THE ASSOCIATED PLANS.
2. CONTRACTOR SHALL INFORM/CONTACT LOCAL UTILITY LOCATOR SERVICE PRIOR TO PERFORMING ANY CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE TO TAKE ANY NECESSARY MEASURES TO PREVENT SEDIMENT FROM ENTERING THE WAL-MART PARKING LOT.
4. CONTRACTOR TO OBTAIN SCHEMATIC OF EXISTING IRRIGATION SYSTEM. CONTACT CEI ENGINEERING AND TESORO FOR RE-ROUTING OF EXISTING IRRIGATION TO REVISED LANDSCAPE ISLANDS.
5. CONTRACTOR TO START RELOCATION OF ANY WAL-MART LIGHT POLES PRIOR TO CONSTRUCTION ON FUELING STATION. LIGHTS ARE TO BE OUT OF SERVICE FOR AS MINIMAL TIME AS POSSIBLE. VERIFY CONDUIT ROUTING BETWEEN LIGHTS PRIOR TO ANY EXCAVATION.
6. CONTRACTOR TO PROVIDE SIGN POLE, PAINTING OF POLE, INSTALLATION AND WIRING OF LIGHTS.
7. VENT LINE LOCATION ON PIPING PLAN TO BE COORDINATED WITH CANOPY CONTRACTOR. THERE SHALL BE NO DRAIN LINES, CONDUITS, ETC. WITHIN VENT LINE COLUMN.
8. CONTRACTOR TO PROVIDE ADA PARKING SIGN, POLE, FOUNDATION, ETC.
9. CONTRACTOR TO PROVIDE AND MOUNT FIRE EXTINGUISHERS APPROVED BY LOCAL AUTHORITIES IN LOCATIONS WHICH ARE APPROVED BY AUTHORITIES.

Site Benchmark: Elevation=1351.34
CHISELED CROSS AT THE EASTERN MOST SOUTHEAST CORNER OF LOT 1, BLOCK 1, NEWMARKET SQUARE.

NOTE
THE BASIS FOR THESE PLANS ARE THE ELECTRONIC FILES PROVIDED BY CEI ENGINEERING DATED 11/3/00 WHICH WERE PART OF THE CONSTRUCTION DOCUMENTS FOR THE CONSTRUCTION OF THE WAL-MART STORE NUMBER 3283-00. CONSTRUCTION MAY HAVE BEEN IN PROGRESS DURING PREPARATION OF THIS PLAN. THE CONTRACTOR SHALL VERIFY THAT THE IMPROVEMENTS HAVE BEEN MADE PER THE WAL-MART CONSTRUCTION PLANS AND SHALL NOTIFY THE OWNERS REPRESENTATIVE OF ANY DEVIATION OR OMISSIONS THAT MAY AFFECT THE CONSTRUCTION OF THE PROPOSED FUELING STATION.

N

0 20 40
SCALE IN FEET

LEGEND

EXISTING

- E — EAST OR ELECTRIC
- N — NORTH
- OHP — OVERHEAD
- S — SOUTH OR SEWER
- T — TELEPHONE
- UG — UNDERGROUND
- W — WEST OR WATER
- BOUNDARY LINE
- RIGHT OF WAY LINE
- STORM DRAIN
- GAS
- OHE — OVERHEAD ELECTRIC
- OHE/T — OVERHEAD ELECTRIC AND TELEPHONE
- OHT — OVERHEAD TELEPHONE
- OHTV — OVERHEAD TV
- SEWER
- UGE — UNDERGROUND ELECTRIC
- UGE/T — UNDERGROUND ELECTRIC AND TELEPHONE
- UGT — UNDERGROUND TELEPHONE
- UGTV — UNDERGROUND TV
- WATER
- TREE INFO
  .5 = DIAMETER OF TRUNK IN FEET
  10 = HEIGHT OF TREE IN FEET
  11 = CANOPY DIAMETER IN FEET
  50.5 = ELEVATION AT BASE OF TREE
- ELECTRICAL RISER

PROPOSED

- BOUNDARY LINE
- RIGHT OF WAY LINE
- GRADE BREAK
- XXX — CONTOUR ELEVATIONS
- STORM DRAIN
- XX.XX — SPOT ELEVATIONS:
  TC = TOP OF CURB
  S = GUTTER

GENERAL GRADING NOTES

A. PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT THE ENGINEER IS NOT NOTIFIED OF DESIGN CONFLICTS.

B. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS (SEE LANDSCAPE PLAN FOR SEED MIX AND PROPER APPLICATION RATE). ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

C. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.

D. UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREIN, OR WITHIN THE SPECIFICATIONS:

ALL STORM DRAIN PIPE BEDDING SHALL BE INSTALLED PER DETAIL 28A

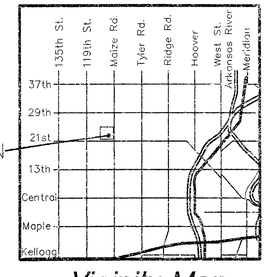
ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF FLARED END SECTIONS.

GRADING DETAILS

- 21A CURB INLET
- 23A CRATE INLET
- 80B TEMPORARY STRAW BALE INLET SEDIMENT FILTER
- 80E TEMPORARY GRAVEL CURB INLET SEDIMENT FILTER
- 84A TEMPORARY SILT FENCE

GRADING NOTES

- 18C CONNECT TO EXISTING STORM DRAIN MANHOLE OR INLET
- 18D MATCH EXISTING PAVEMENT ELEVATIONS



Vicinity Map
NOT TO SCALE

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

SANITARY SEWERS _____

STORM SEWERS _____

DRIVEWAY APPROACHES _____

WATER MAINS _____

PAVING _____

NOTE TO CONTRACTORS

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

THE STORM SEWER FOR THIS PROJECT, WICHITA #1121 PPS(OCA#607861) HAS BEEN CERTIFIED BY "CERTIFIED ENGINEERING DESIGN, P.A. ATTN: HARLAN FORAKER" PER THE ATTACHED CERTIFICATE OF COMPLETION, INSPECTION REPORTS, CONTRACTOR RED-LINES AND VIDEO TAPES.

JOHN ROURKE LICENSED 15/01 KANSAS PROFESSIONAL ENGINEER

WAL-MART SUPERCENTER #3283

INITIAL DESIGN	1-16-01	JAN	DMT	CEW	CEW
	DATE	PRN	P.M.	DES.	DRW.

Mirastar #64046

CEI ENGINEERING ASSOCIATES, INC
ENGINEERS • PLANNERS • SURVEYORS

3371 S. "J" ST. (501) 273-9472 JOB NO.: 15939.0
Bentonville, AR 72712 FAX (501) 273-0844 DWG NAME: 5939PROJ

STORM SEWER AS-BUILT
21st ST. & MAZE RD.
WICHITA KANSAS

DATE 08-21-01 10:12 AM
STSAsBLT
SHEET NO. 1 OF 1

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