# STORM SEWER IMPROVEMENTS FOR DILLONS FOOD STORE #96 NEW BUILDING CONSTRUCTION

## PRIVATE PROJECT NUMBER: 2028 PPS (607861)

## CITY OF WICHITA, SEDGWICK COUNTY, KANSAS

## CITY ENGINEER: JIM L. ARMOUR, P.E.

As Built Plans:
CONTRACTOR: Ewertz Exc.
INSPECTOR: Larry Gann
COMPANY: K E Miller Engineering
.PDF by: NWS, 10-21-2010

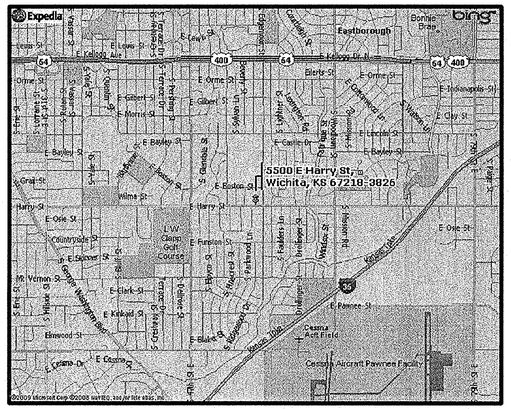
## INDEX OF DRAWINGS

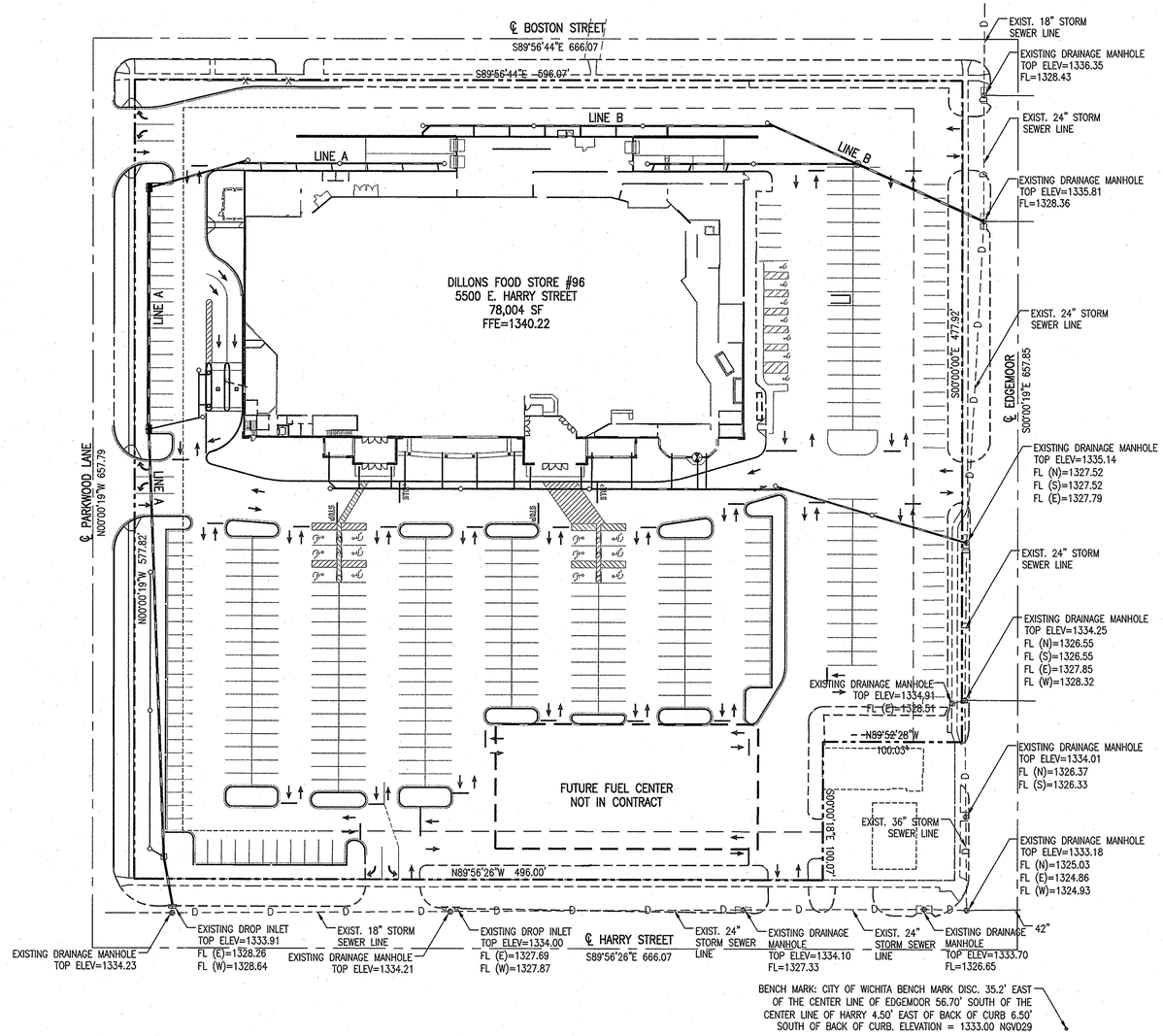
**DILLONS FOOD STORES NEW BUILDING CONSTRUCTION**


| | | |
|---|---|---|
| SHEET | 1/11 | COVER SHEET |
| SHEET | 2/11 | LINE A - STORM SEWER PLAN & PROFILE |
| SHEET | 3/11 | LINE B - STORM SEWER PLAN & PROFILE |
| SHEET | 4/11 | EROSION CONTROL PLAN |
| SHEET | 5/11 | STORM SEWER DETAILS - SHALLOW MANHOLES |
| SHEET | 6/11 | STORM SEWER DETAILS - MANHOLE FRAME AND COVER |
| SHEET | 7/11 | STORM SEWER DETAILS - TYPE 2 CURB-INLET SINGLE |
| SHEET | 8/11 | STORM SEWER DETAILS - COMMERCIAL DEVELOPMENT |
| SHEET | 9/11 | STORM SEWER DETAILS - CURB INLET PROTECTION & CONSTRUCTION ENTRANCE |
| SHEET | 10/11 | STORM SEWER DETAILS - SOIL EROSION BMP DETAILS |
| SHEET | 11/11 | RECORDED PLAT |


WICHITA, KS

VICINITY MAP




1A GENERAL LAYOUT
1"=50'
0 25 50 100
1 INCH = 50 FEET

### GENERAL NOTES:

1. UNLESS SHOWN OR OTHERWISE STATED ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS.
2. CONNECTING TO EXISTING STRUCTURES: PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING STRUCTURES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION , GRADE AND ALIGNMENT OF THE EXISTING STUB AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLAN. WHERE CONNECTION TO AN EXISTING STRUCTURE THAT DOES NOT HAVE AN EXISTING STUB OR THE STUB IS UNUSABLE DUE TO ELEVATION, GRADE OR ALIGNMENT, THE CONTRACTOR SHALL BORE CUT INTO EXISTING STRUCTURE WALL TO MAKE CONNECTION USING APPROVED WATER STOP GASKET, AND RESHAPE THE EXISTING INVERT TO PROVIDE SMOOTH FLOW. THE COST OF CONNECTING TO EXISTING STRUCTURES IS INCIDENTAL TO THE PROJECT.
3. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
4. COST OF EXCAVATION, HAULING AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.
5. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAW.
7. TREES TO BE REMOVED ARE MARKED ◯. ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.
8. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
9. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS, OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
10. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
11. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
12. ALL DISTURBED AREAS TO BE SEEDED WITH RYE GRASS AT A RATE OF 200 LBS. PER ACRE WITHIN 10 DAYS OF CONSTRUCTION. CONTRACTOR TO PREPARE GROUND PER CITY SPECIFICATIONS. COST IS SUBSIDIARY TO SITE PREPARATION AND RESTORATION.


PREPARED & SUBMITTED BY
PICKERING FIRM, INC.
6775 LENOX CENTER COURT, SUITE 300
MEMPHIS, TN 38115


CARA L. MARTIN LICENSED 17848 KANSAS PROFESSIONAL ENGINEER 2/4/10

ENGINEER — DATE 2/4/10

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA:

Julianne Kallman — 2-9-10
CHIEF ENGINEER — DATE

NOTE TO CONTRACTOR:
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 PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

**DEVELOPER:**

**DILLON STORES**
**2700 EAST 4TH STREET**
**P.O. BOX 1608**
**HUTCHINSON, KS 67501-1608**

UTILITY NOTE:
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES, CALL KANSAS ONE-CALL AT 811. THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

| | |
|---|---|
| POWER: | WESTAR<br>316-261-6512 |
| GAS: | KANSAS GAS SERVICE<br>316-832-3101 |
| WATER & SEWER: | CITY OF WICHITA<br>316-262-6000 |
| TELEPHONE: | SOUTHWESTERN BELL TELEPHONE CO.<br>800-870-8390 |
| CABLE: | COX COMMUNICATIONS<br>316-262-0661 |

BENCHMARK:

SITE TBM: CITY OF WICHITA BENCH MARK DISC. 35.2' EAST OF THE CENTER LINE OF EDGEMOOR 56.70' SOUTH OF THE CENTER LINE OF HARRY 4.50' EAST OF BACK OF CURB 6.50' SOUTH OF BACK OF CURB

ELEVATION: 1333.00 NGVD29

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.

LEGAL DESCRIPTION:
LOTS 1, DILLON 8TH ADDITION, WICHITA, KANSAS, AND LOTS 10, 11, 12, 13, 14, 15, 16, 17, AND 18, BLOCK 3, SOUTHEAST MANOR AN ADDITION TO WICHITA KANSAS.

ZONING NOTE:

| | |
|---|---|
| LOT 1, DILLON 8TH ADDITION | "LC-LIMITED COMMERCIAL" |
| LOTS 10 THRU 18, BLOCK 3, SOUTHEAST MANOR | "LC-LIMITED COMMERCIAL W/ PROTECTIVE OVERLAY" |

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.


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


| | | |
|---|---|---|
| DILLONS FOOD STORE #96 (PROJECT NAME) | | |
| COVER SHEET (SHEET TITLE) | | |
| GTW (DESIGN BY:) | GTW (DRAWN BY:) | CLM (CHECKED BY:) |
| 02-03-10 (DATE) | 21047-08 (JOB NUMBER) | 1 OF 11 (SHEET) |

R:\21047-08\Dwgs\DRAINAGE PLANS\04-09-09DRAINAGE-21-COVER.dwg
Plotted by: Cara Martin
Monday, February 04, 2010-3:02: PM