PROJECT MANAGER: DAVID D.WOOD
FIRM NAME: KAW VALLEY ENGINEERING
PROJECT No.: C08D4451
CFN: 4451UP.dwg

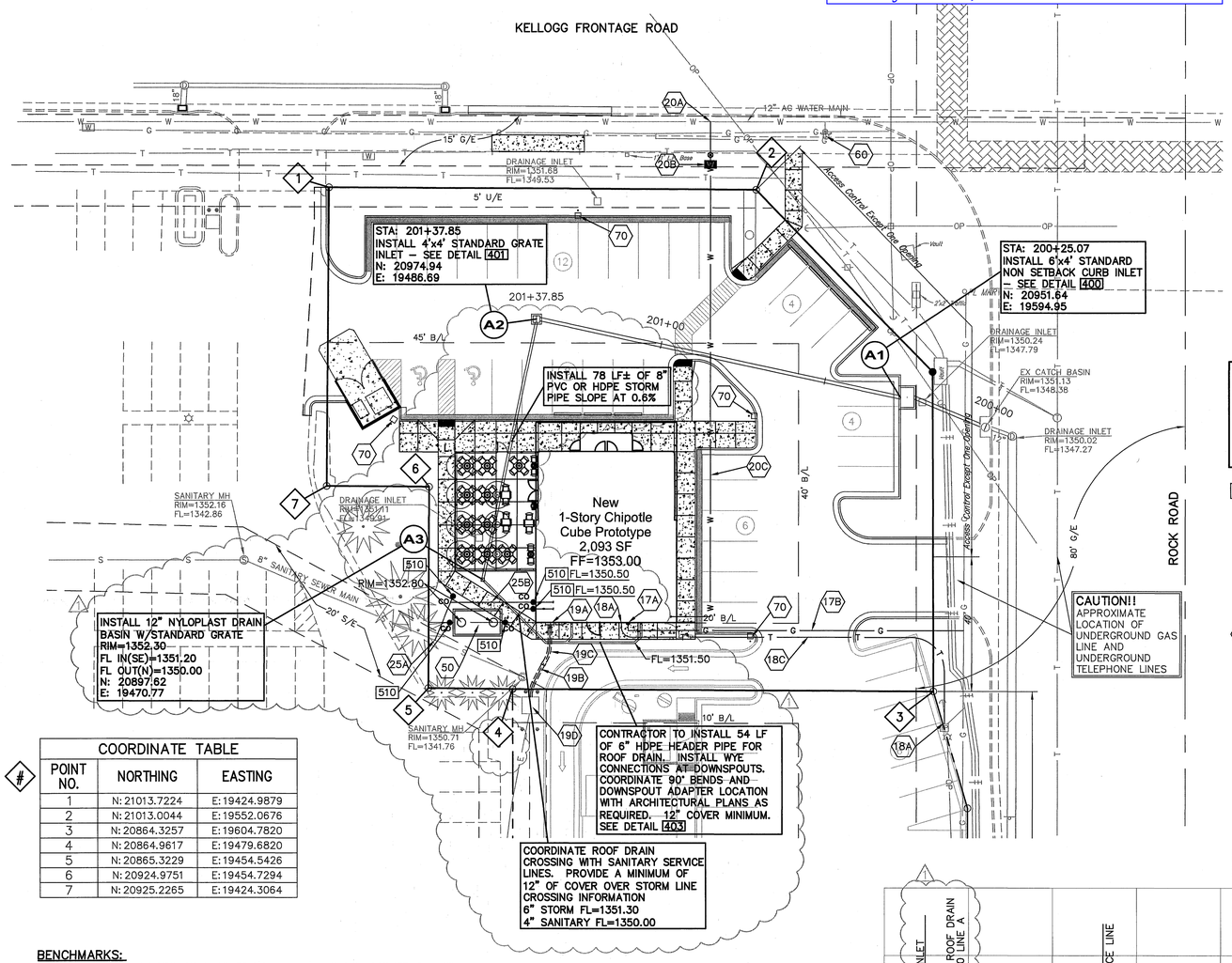
Kaw Valley Engineering, Inc.
14700 West 114th Terrace
Lenexa, Kansas 66215
(913) 894-5150 Fax (913) 894-5977
www.kveng.com

As Built Plans:

CONTRACTOR: A and D Total Plumbing
INSPECTOR: Larry Gann
COMPANY: K E Miller Engineering
.PDF by: NWS, 10-07-09

KELLOGG ST.
(U.S. – 54 CASE A–17549)

SCALE: 1" = 20'



COORDINATE TABLE		
POINT NO.	NORTHING	EASTING
1	N: 21013.7224	E: 19424.9879
2	N: 21013.0044	E: 19552.0676
3	N: 20864.3257	E: 19604.7820
4	N: 20864.9617	E: 19479.6820
5	N: 20865.3229	E: 19454.5426
6	N: 20924.9751	E: 19454.7294
7	N: 20925.2265	E: 19424.3064

BENCHMARKS:
"□" SQUARE CUT ON TOP OF CURB 58.9'S & 18.4'E OF S.W. CORNER OF LOT 4, EAST CENTER ADDITION.
ELEVATION = 1352.04 NAVD88

LEGAL DESCRIPTION:
LOTS 4 AND 5, EAST SIDE CENTER, AN ADDITION TO WICHITA, KANSAS, SEDGWICK COUNTY, KANSAS.

UTILITY CONTACTS:
WICHITA WATER UTILITIES (WATER AND SEWER)
CITY HALL, 8TH FLOOR
455 N. MAIN
WICHITA, KS 67202
PHONE: 316–268–4555 (WATER TAP REQUEST)

WICHITA PUBLIC WORKS (SEWER AND STREET)
CITY HALL, 8TH FLOOR
455 N. MAIN
WICHITA, KS 67202
PHONE: 316–268–4422

LEGEND:

- MONUMENT FOUND
- MONUMENT SET
- EXISTING GUARD POST
- EXISTING STORM SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- S — EXISTING SANITARY SEWER MAIN
- O.PL MKR — EXISTING GAS PIPE LINE MARKER
- G — EXISTING UNDERGROUND GAS MAIN
- EXISTING TELEPHONE PEDASTAL
- T — EXISTING UNDERGROUND TELEPHONE LINE
- FOC — EXISTING FIBER OPTICS SIGN
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING GUY ANCHOR
- OP — EXISTING OVERHEAD POWER
- E — EXISTING UNDERGROUND POWER
- W — EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- W — EXISTING UNDERGROUND WATER LINE
- PROPOSED HANDICAP SYMBOL
- ADA — PROPOSED ADA SIGN
- 8 — PROPOSED PARKING STALL COUNT
- HANDICAP RAMP LANDING

UTILITY NOTES:

1. CONSTRUCTION SHALL NOT START ON ANY WATER OR SANITARY SEWER SERVICE SYSTEM UNTIL WRITTEN APPROVAL OR PERMITS HAVE BEEN RECEIVED FROM THE OWNER.
2. ALL UTILITY AND STORM SEWER TRENCHES CONSTRUCTED UNDER AREAS THAT RECEIVE PAVING SHALL BE BACKFILLED TO 18 INCHES ABOVE THE TOP OF THE PIPE WITH CRUSHED STONE BASE MATERIAL PLACED ON EIGHT–INCH LIFTS, REMAINING FILL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY UNDER PAVEMENT AND 90% OUTSIDE PAVEMENT, A MINIMUM COVER OF 18" IS REQUIRED.
3. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCE OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. KAW VALLEY ENGINEERING AND OWNER ARE TO BE HELD HARMLESS.
4. DISINFECTION AND PRESSURE TESTING OF WATER LINES SHALL BE PERFORMED AND PAID FOR BY THE CONTRACTOR UNDER SUPERVISION OF A REPRESENTATIVE OF THE CITY OF WICHITA. CONTRACTOR SHALL NOTIFY THE CITY OF WICHITA 24 HOURS MINIMUM, PRIOR TO ANY TESTING.
5. LOCATIONS SHOWN FOR PROPOSED WATER LINES ARE APPROXIMATE. VARIATIONS MAY BE MADE, WITH APPROVAL OF THE ENGINEER, TO AVOID CONFLICTS.
6. CONTRACTOR TO INSTALL TRACING TAPE ALONG ALL NON–METALLIC WATER MAINS AND SERVICE LINES PER SPECIFICATIONS.
7. CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICT AND POINTS OF CONNECTION PRIOR TO ANY CONSTRUCTION OF NEW UTILITIES.
8. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER AND SANITARY SEWER LINES. WHEN IT IS NECESSARY FOR ANY WATER LINE TO CROSS A SANITARY SEWER LINE, THE SEWER LINE SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE AT LEAST 10 FEET EITHER SIDE OF THE WATER LINE UNLESS THE WATER LINE IS AT LEAST 2 FEET CLEAR DISTANCE ABOVE THE SANITARY SEWER LINE.
9. CONTRACTOR IS RESPONSIBLE FOR POWER LINE TRENCHING PER POWER COMPANY REGULATIONS.
10. CONTRACTOR TO REFER TO PLUMBING FLOOR PLAN FOR POINT OF CONNECTION AND ALL UTILITIES WITHIN 5 FEET OF BUILDING.
11. CONTRACTOR TO VERIFY CONDITION OF EXISTING SANITARY SYSTEM TO CONFIRM FLOWLINE ELEVATION AND LOCATION.

UTILITY NOTE:

1. THE UTILITIES AS SHOWN ON THIS DRAWING WERE DEVELOPED FROM THE INFORMATION AVAILABLE ON THE DATE OF THE SURVEY. THIS IS NOT IMPLIED NOR INTENDED TO BE THE COMPLETE INVENTORY OF UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE.
2. ALL UTILITY CONNECTIONS ARE TO BE DONE IN ACCORDANCE WITH THE CITY OF WICHITA TECHNICAL SPECIFICATIONS.

NOTE:

1. **CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.**
2. **THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.**

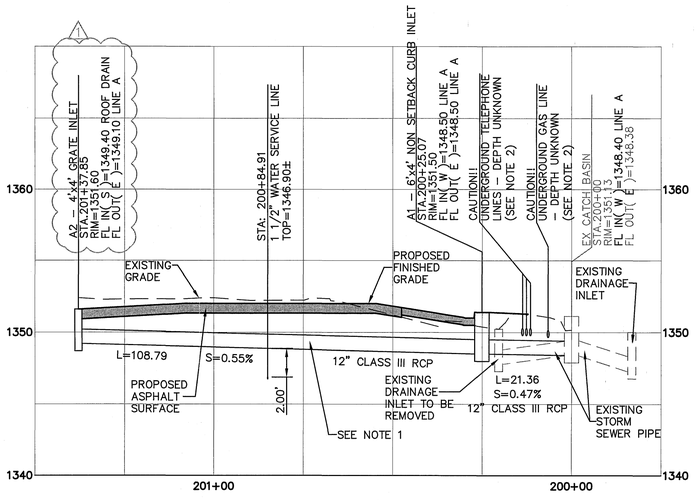
DETAILS – SEE DETAIL SHEETS C007 & C008 FOR THE FOLLOWING DETAILS

206 TRENCH & BEDDING
400 NON SETBACK CURB INLET
401 GRATE INLET
402 NYLOPLAST INLET
403 ROOF DRAIN
510 CLEAN–OUT
512 SEWER SERVICE CONNECTION

NOTES

17A POINT OF CONNECTION – GAS SERVICE
17B GAS SERVICE PER LOCAL GAS COMPANY
18A POINT OF CONNECTION – TELEPHONE SERVICE (BY OTHERS)
18C 2" CONDUIT INSTALLED BY CONTRACTOR – TELEPHONE SERVICE (AS REQUIRED BY TELEPHONE COMPANY)
19A POINT OF CONNECTION – ELECTRIC SERVICE
19B NEW UNDERGROUND POWER – ELECTRIC SERVICE
19C 4" CONDUIT INSTALLED BY CONTRACTOR – ELECTRIC SERVICE
19D EXISTING SERVICE PEDESTAL – ELECTRIC SERVICE
20A POINT OF CONNECTION (1–1/2" WATER SERVICE, CITY WILL MAKE TAP TO MAIN)
20B PROPOSED 1" WATER METER & PIT PER CITY OF WICHITA UTILITIES TECHNICAL SPECIFICATIONS & DESIGN CRITERIA
20C 1–1/2" TYPE K WATERLINE – DEFLECT WATER LINE BENEATH STORM SEWER TO PROVIDE 2' OF SEPARATION
25A POINT OF CONNECTION (4" SANITARY SERVICE) MINIMUM SLOPE = 2.0%
25B 4" SDR–26 RUBBER GASKETED SANITARY SEWER SERVICE LINE
50 2000 GALLON GREASE INTERCEPTOR – SEE MEP PLANS
60 EXISTING FIRE HYDRANT
70 PROPOSED PARKING LOT LIGHTING SEE SHEET C001

STORM WATER SEWER IMPROVEMENTS
TO SERVE
LOTS 4 & 5 EAST SIDE CENTER ADDITION
PRIVATE PROJECT No. 1941 PPS (607861)
CITY OF WICHITA, KS
JAMES L. ARMOUR, P.E. – CITY ENGINEER



STORM SEWER LINE A PROFILE
SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=5'

NOTE:

1. PROFILE BASED ON SURVEY PROVIDED BY SAVOY COMPANY, P.A. DATED 10/28/07. CONTRACTOR TO VERIFY ELEVATIONS OF EXISTING STORM SEWER PRIOR TO ORDERING STRUCTURES. CONTACT ENGINEER IF DISCREPANCIES OCCUR. POSITIVE DRAINAGE TO BE MAINTAINED IF STORM LINE IS FIELD ADJUSTED.
2. GAS AND TELEPHONE LINES MAY NEED TO BE RELOCATED, COORDINATE WITH LOCAL UTILITY COMPANY.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA
Storm Sewers Juliann Kallman 12-16-08

NOTE TO CONTRACTORS

Installation, 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 public right–of–way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

DUNGAN DESIGN GROUP
8826 Santa Fe Drive, Suite 304
Overland Park, KS 66212
913–341–2466

DAVID D. WOOD — LICENSED — 19434 — 12-08-08 — KANSAS — PROFESSIONAL ENGINEER

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Chipotle

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Wichita East
Store No. 1302
547 S. Rock Rd.
Wichita, KS 67207

Issue Record:
11/07/08 Permit Issue
1 11/19/08 City Comments
2 12/08/08 City Comments

Revisions:

DDG Project No. 01140

UTLITY PLAN/
STORM PLAN
AND PROFILES

C
006