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. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT PAVING IMPROVEMENTS.

3. 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 EXISTING STUBS 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.

4. ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.

5. COST OF EXCAVATION, HAULING AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.

6. ALL ... SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.

7. 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 LAWS.

8. TREES TO BE REMOVED ARE MARKED ⊗. ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.

9. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.

10. 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.

11. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY-TWO (72) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL	800-344-7233 OR 587-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

COX COMMUNICATIONS (CABLE)	262-0661
WESTAR (ELECTRIC)	261-6512
KANSAS GAS SERVICE (GAS)	832-3101
SBC (TELEPHONE)	800-670-8390
CITY OF WICHITA WATER & SEWER	262-6000

12. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE 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 DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

13. 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.

14. 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.

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 OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

STORM WATER SEWERS VRH 6/2/05

PRIVATE STORMWATER SEWER PLANS

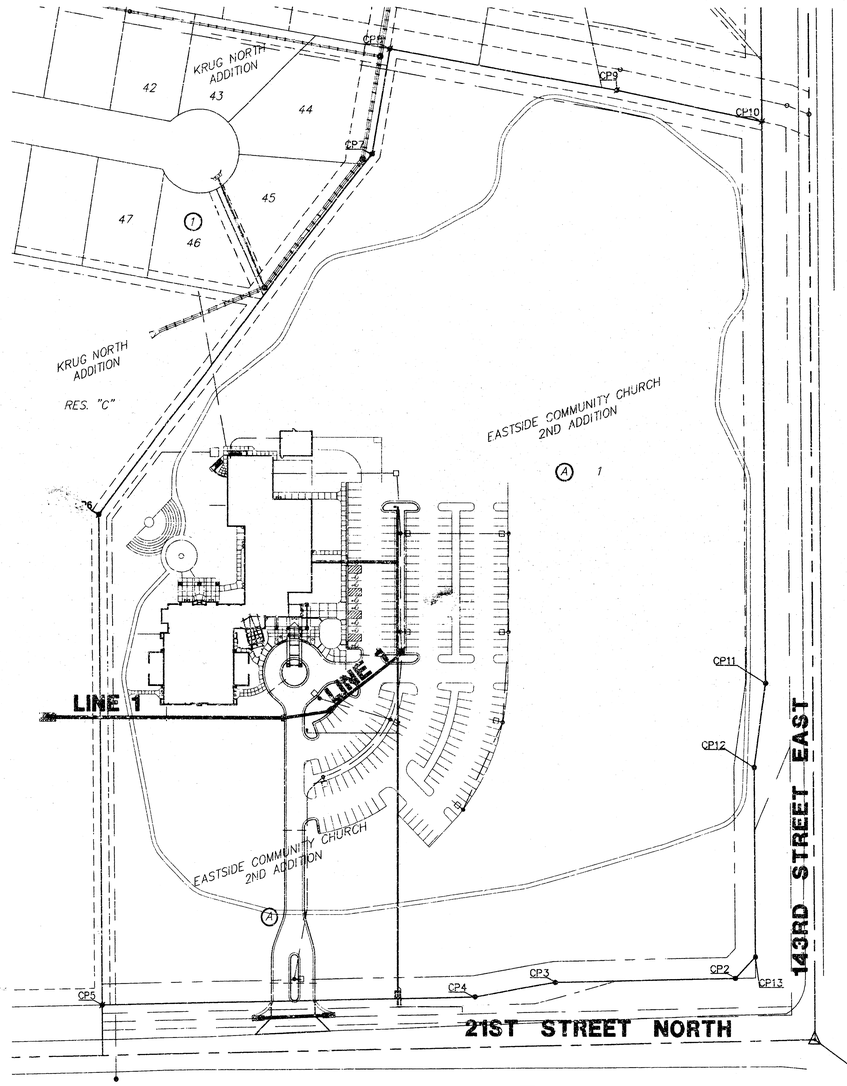
TO SERVE

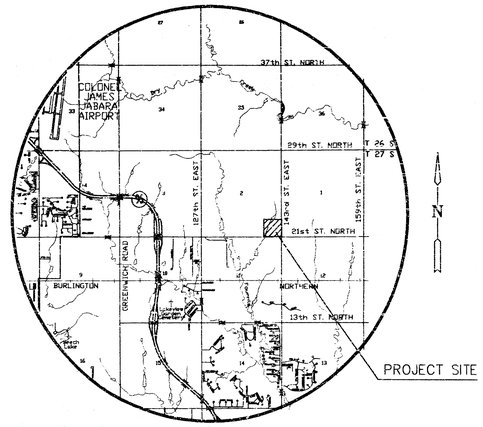
EASTSIDE COMMUNITY CHURCH

PROJECT NO. 1547PPS

THE CITY OF WICHITA, KANSAS
JIM ARMOUR, CITY ENGINEER

OCA NO. 607861





LOCATION MAP

N

CP1	N20063.48	E12645.99
CP2	N20136.02	E12545.43
CP3	N20130.62	E12320.50
CP4	N20113.23	E12220.89
CP5	N20102.10	E11757.09
CP6	N20685.07	E11752.92
CP7	N21114.13	E12092.46
CP8	N21239.00	E12113.96
CP9	N21190.31	E12397.05
CP10	N21153.42	E12578.15
CP11	N20486.71	E12582.92
CP12	N20386.61	E12568.64
CP13	N20161.62	E12570.25

BENCHMARKS

BM 1 "T" CUT IN THE MIDDLE OF THE N. HEADWALL OF R.C.B.C. ON 21ST ST. NORTH. 1004.3' W. & 22.1' N. OF THE SE COR., SE1/4, SEC. 2, T27S, R2E.
ELEV.=13060.63 NGVD29
173.23 CITY DATUM

AS-BUILT
8/16/05
By K.E. Miller
Signed

JEFFREY T. CARTWRIGHT LICENSED 15-6-05 14371 KANSAS PROFESSIONAL ENGINEER

MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

WDM architects

Wilson Darnell Mann P.A.
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eastside community church WICHITA, KANSAS

PRINTS ISSUED
MARCH 7, 2005 PROGRESS SET
MARCH 21, 2005 PERMIT
APRIL 1, 2005 FOR CONSTRUCTION

WDM No. 04049 drawn: DAC checked: JTC

SITE UTILITIES NOTES - SWS

SU2.2

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Xrefs
CHURCH\CIVIL\SWS\04554_IDT.DWG

KRUG NORTH ADDITION
RES. "C"

EXIST. POND
ELEV.=171.0
100 YR. ELEV.=173.7

INSTALL 19.0 S.Y. LIGHT STONE RIP-RAP

67.02'

343.53'

STA. 0+00, LINE 1
INSTALL END SECTION
N20444.06, E11687.62

10' UTILITY EASEMENT
10' UTILITY EASEMENT
PROP. COMMUNICATION LINE
PROP. ELECTRICAL LINE
PROP. GAS LINE

PROP. BLDG.
FF=182.00

FG=181.50
FG=181.50

CAUTION: GAS LINE

FG=186.50

LINE 1
24" RCP
229.87

STA. 2+96.92, LINE 1
CONST. STD. TYPE 1
CURB INLET (5' X 3').
INLET TOP=~~178.10~~ 178.23
INSTALL SEDIMENT BARRIER
N20444.06, E11984.54

STA. 3+55.84, LINE 1
CONST. STD. TYPE 1 CURB INLET
(5' X 3'). INLET TOP=~~178.50~~ 178.44
INSTALL SEDIMENT BARRIER
N20453.71, E12042.17

STA. 4+66.57, LINE 1
CONST. STD. TYPE 1 CURB INLET
(TWO SIDED 5'X4'). INLET TOP=~~178.50~~ 178.43
INSTALL SEDIMENT BARRIER
N20522.71, E12127.54

PROPOSED PAVING
6" SLEEVE
6" SLEEVE
6" SLEEVE
LINE 1
15" RCP
150°30'43"
171°44'17"
LINE 1
18" RCP
37.71
85.84
PROP. 8" WATER
417.60
PROPOSED PAVING
336.46'
344.68'
PROP. 8" FIRE SERVICE WATER
PROP. 4" WATER SERVICE
FUTURE PAVING

EASTSIDE COMMUNITY CHURCH
2ND ADDITION

A 1

PL
PL
PL

NOTE: CONTRACTOR TO VERIFY DEPTH & LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

N

SCALE: 1"=20'
20 10 0 20

PLAN LINE 1

PROFILE LINE 1

SCALE: 1"=20'

STA. 0+00, LINE 1
INSTALL TYPICAL END SECTION

PROP. GRADE
EXIST. GROUND
PROPERTY LINE
PROP. ELEC. LINES
PROP. GAS LINE

100-YR EL=173.1
NORM. POOL EL=171.0

296.92 L.F. OF 24" RCP @ 0.37%

STA. 2+96.92, LINE 1
CONST. STD. TYPE 1 CURB INLET
TOP=~~178.10~~ 178.23

58.92 L.F. OF 18" RCP @ 0.51%

STA. 3+55.84, LINE 1
CONST. STD. TYPE 1 CURB INLET
TOP=~~178.50~~ 178.44

PROP. GRADE

PROP. WATER LINES TOP ELEV.=177

110.73 L.F. OF 15" RCP @ 1.81%

STA. 4+66.57, LINE 1
CONST. STD. TYPE 1 CURB INLET
TOP=~~178.50~~ 178.43

FL OUT=171.60 (24")
FL=171.97
FL=172.34
FL OUT=172.70 (24"W)
FL IN=173.20 (18"E)
FL OUT=173.50 (18"W)
FL IN=174.00 (15"E)
FL=174.80
FL OUT=176.00 (15"SW)

180 175 170 165

0 1 2 3 4

K:\MEPS_2004\04554-EASTSIDE COMMUNITY CHURCH\CIVIL\SWC\04554D1.DWG

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SITE UTILITIES PLAN & PROFILE - SWS

SU1.2

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