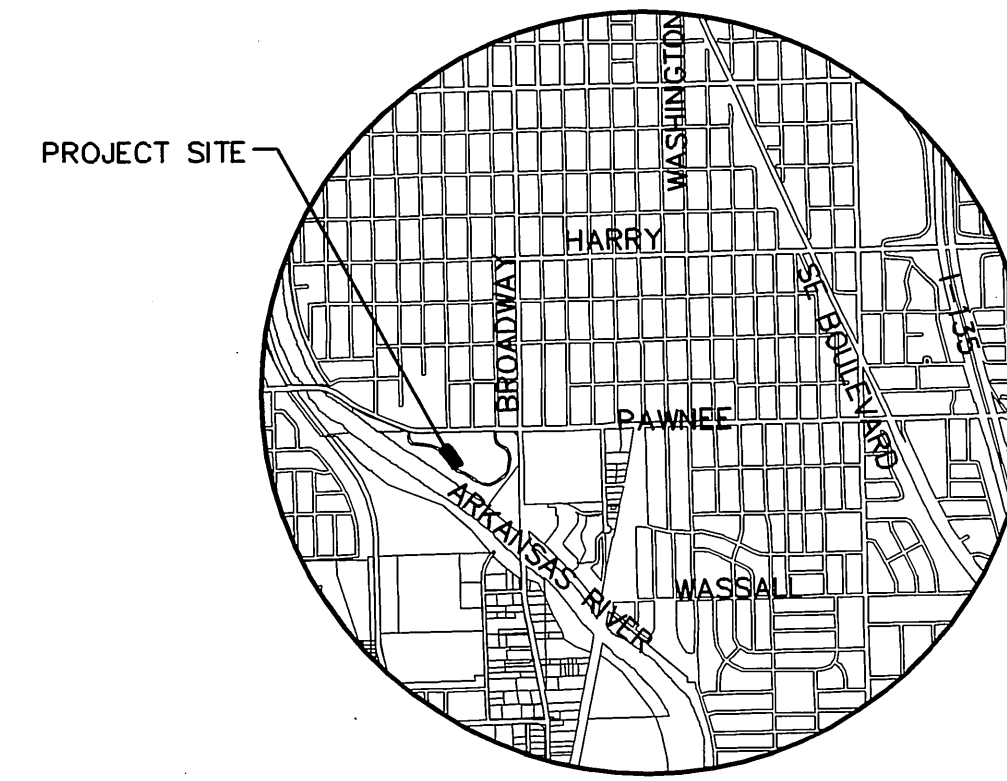


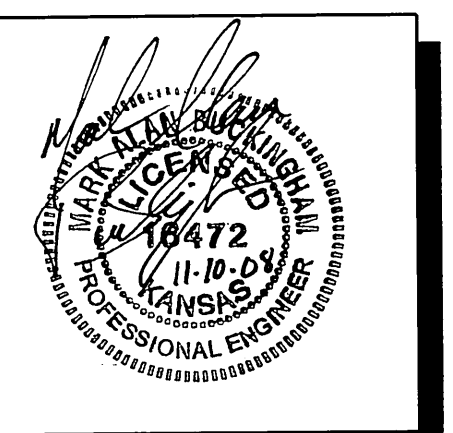
PARKING LOT RECONFIGURATION
WICHITA WATER CENTER
LOW IMPACT DEVELOPMENT
 THE CITY OF WICHITA, SEDGWICK COUNTY, KANSAS
STORM SEWER PROJECT NO. 468-84450
 JIM ARMOUR, P.E. - CITY ENGINEER
STORM SEWER OCA NO. 660531



VICINITY MAP
NTS

CH2MHILL
1717 ARCH STREET SUITE 400
PHILADELPHIA, PA 19103
215-563-4220

MKEC
ENGINEERING
CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, K.S. 67206
316-684-9600



GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATIONS.
2. 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	1-800-344-7233
OR LOCAL (WICHITA)	687-2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

SBC (TELEPHONE)	800-870-8390
COX COMMUNICATIONS (CABLE)	262-0661
KANSAS GAS SERVICE (GAS)	832-3101
CITY OF WICHITA WATER & SEWER	262-6000
WESTAR (ELECTRIC)	261-6512
AQUILA (GAS)	800-303-0357
KANEB PIPELINE	1-316-773-9000
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL 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.
4. 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 UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
5. 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.
6. EQUIPMENT AND CONSTRUCTION MATERIALS SHALL REMAIN OUT OF AND AWAY FROM TREE DRIFLINES SO AS TO NOT COMPACT THE ROOT ZONE OR DAMAGE THE TREE. CHEMICAL SPILL DAMAGE SHALL BE PREVENTED BY FILLING GAS TANKS. CLEANING TOOLS & REPAIRING EQUIPMENT WELL OUTSIDE TREE PROTECTION ROOT ZONES. MIXING TRUCKS SHALL BE RINSED OUT OFF SITE. WHERE IT OCCURS WITHIN A TREE'S PROTECTED ROOT ZONE, IT MAY BE NECESSARY, DEPENDENT UPON THE TYPE OF CONSTRUCTION AND EQUIPMENT USED, TO INSTALL A ROOT PROTECTION BRIDGE OR APPROVED EQUIVALENT. THIS MAY BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
7. IN PAVED AREAS, NOT UNDER POROUS PAVEMENT, THE UPPER 6" OF SUBGRADE PRIOR TO FILL PLACEMENT AND CONSTRUCTION OF THE GRANULAR BASE, AND ALL NEW FILL (PLACED IN LIFTS WITH A MAXIMUM THICKNESS OF 6") SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY (BY ASTM D-698). CONTRACTOR TO PROVIDE ADEQUATE COMPACTION TESTING TO CONFIRM COMPACTION.
8. SEE PAVING DETAILS FOR SUBGRADE AND PAVEMENT THICKNESS REQUIREMENTS.



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PAVING DETAILS
3	GENERAL DETAILS
4	SITE GRADING AND PAVING PLAN
5	LANDSCAPE PLAN
6	JOINT LAYOUT AND DETAILS
7	EROSION CONTROL PLAN
8-12	EROSION CONTROL DETAILS

BENCHMARKS

- BM#1 "□" CUT TC, NORTH SIDE OF PARK DRIVE, EAST OF SITE, SOUTH OF 42" COTTONWOOD (SITE BM) NGVD 29
ELEV.=1285.92
- BM#2 "□" CUT TOP OF LP BASE, NORTH & EAST OF EXIST. PARKING.
ELEV.=1290.62

QUANTITIES RECAPITULATION

ITEM	QUANTITY	UNIT
CONCRETE PAVEMENT (6") REINFORCED	849	SY
REINFORCED CRUSHED ROCK BASE (5")	861	SY
6" POROUS CONCRETE PAVEMENT	239	SY
1" AGGREGATE - CHOKER COURSE	239	SY
12" GRADED COARSE AGGREGATE	253	SY
WATERPROOF LINER	165	LF
WATER LEVEL MONITOR	1	LS
COMPACTED FILL (90% DENSITY)	283	CY
CONTROL JOINT-POROUS	450	LF
SAWED JOINT-STANDARD	1650	LF
PAVEMENT REMOVAL	1117	SY
EXCAVATION	425	CY
SITE CLEARING/RESTORATION	1	LS
3" RIVER ROCK	39	SY
BOLLARDS REMOVED/REPLACED	1	LS
PAVEMENT MARKING	1	LS
INFORMATIONAL SIGNAGE	1	LS
RAIN GARDEN PLANTINGS & SEEDING	1	LS
STABILIZED CONSTRUCTION ENTRANCE	1	EA
SEDIMENT BARRIER, LINEAR	60	LF
BACK OF CURB PROTECTION	125	LF

PARKING LOT RECONSTRUCTION
WICHITA WATER CENTER
LOW IMPACT DEVELOPMENT

TITLE SHEET

SHEET TITLE
07800
PROJECT NUMBER

TMH | TMH | MAB
DESIGNED DRAWN CHECKED

ISSUED
SEPTEMBER 2008
REVISED
OCTOBER 2008

SHEET NO.
1 of 12