STORM SEWER IMPROVEMENTS
to serve
TEXTRON AVIATION
EAST CAMPUS - B82
CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
2021-000714 PPD (133119)

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

2. CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY–TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:

   KANSAS ONE–CALL 687–2470

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T	1–800–246–8464
BLACK HILLS ENERGY	1–800–694–8989
CITY OF WICHITA WATER & SEWER	1–316–219–8921
CITY OF WICHITA STORMWATER	1–316–268–4090
CITY OF WICHITA TRAFFIC	1–316–268–4034
COX COMMUNICATIONS	1–888–249–3530
KANSAS GAS SERVICE	1–888–482–4950
EVERGY	1–800–544–4857

3. UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT–OF–WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

4. 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, IN THE OPINION OF THE ENGINEER, THAT 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 WILL 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 WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

5. 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 CITY ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

6. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.

7. 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.

8. THE ENGINEERING DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FINAL GRADES BY THE CONTRACTOR.

9. THE CONTRACTOR SHALL NOTIFY THE INSPECTING ENGINEER AND TOM MASON AT 316–268–4574 WITH THE CITY OF WICHITA WITH THE ANTICIPATED CONSTRUCTION START DATE AND NOTIFY THEM OF PROJECT COMPLETION. STAKING AND INSPECTION FOR THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, MIKE ARMOUR AT TRAFFIC@WICHITA.GOV BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTORS RESPONSIBILITY.

11. ALL ELEVATIONS SHOWN ARE NAVD 88.

12. ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.

13. ANY SIDEWALK, DRIVE APPROACH, OR STREET PAVEMENT REMOVED TO CONSTRUCT PROJECT MUST HAVE A PAVEMENT CUT PERMIT AND BE REPLACED BY THE CITY CONTRACTOR. PERMITS CAN BE OBTAINED BY CALLING 316–268–4501 OR 316–268–4480.

14. CITY MAINTENANCE OF STORM SEWER ENDS AT THE LAST STRUCTURE IN THE EASEMENT OR RIGHT–OF–WAY.

15. CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPENINGS OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.

16. THE INSPECTING FIRM SHALL SUBMIT TO THE CITY STORMWATER MAINTENANCE DIVISION A DIGITAL COPY OF THE CCTV INSPECTION OF THE CONDUITS AND STRUCTURES FOLLOWING CONSTRUCTION. THE DIGITAL FILE FORMATION SHALL BE COMPATIBLE WITH THE CITY INPUT TEMPLATE. A COPY OF THE TEMPLATE IS AVAILABLE UPON REQUEST AT 316–268–4090.

17. THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.

18. A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDED AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUND SHALL BE CONSTRUCTED WITH NEW DEVELOPMENT AS A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.

Vicinity Map

SHEET INDEX

SHEET NO. CU101	TITLE SHEET & KEY MAP
SHEET NO. CU102	SWS LINE NO. 1 PLAN & PROFILE
SHEET NO. CU103	SWS LINE NO. 2 PLAN & PROFILE
SHEET NO. CG101	GRADING PLAN
SHEET NO. CU501	AREA INLET DETAILS

SEE CITY'S WEBSITE
(HTTPS://WWW.WICHITA.GOV/PWU/PAGES/REGULATIONS.ASPX)
FOR EROSION CONTROL BMP DETAILS.

Stormwater Certification:

New Development or Redevelopment (Circle One)
Stormwater Permit # N/A
NOI State Permit # N/A
NOI Federal Permit # N/A

These construction plans were prepared in accordance with the current Stormwater management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.

Site Area (Acres) = 0.21
Disturbed Area (Acres) = 0.21
Water Quality Treatment: N/A
Downstream Channel Protection: N/A
Detention: N/A
The BMP used for this development is SILT FENCE

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering BEN FERGUSON 09/30/2021
Stormwater JOE HICKLE 09/30/2021

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 in the state of Kansas. No work shall be performed the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the current City of Wichita Specifications and Standards and Special Provisions. (on file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on–site.

BENCHMARKS

BMK > 201
TOP OF A BOLT ON A FIRE HYDRANT, N OF THE LOBBY ENTRANCE, BOLT NEXT TO THE "E" IN "VALVE"
EL= 1390.38

BMK > 202
N CORNER OF THE E END OF THE BLAST PAD
EL= 1388.0799

BMK > 203
PUNCHED "X" ON THE N SIDE OF THE STORM DRAIN MANHOLE AT THE WESTERLY CORNER OF BUILDING B–82
EL= 1388.34

CONTROL POINTS

CP–101
N: 1688256.4279 E: 1684899.2578
1/2" REBAR W/ PEC CP CAP NEAR THE N EDGE OF APRON
1. 3.90' SW TO THE CORNER OF THE APRON AT THE SIDEWALK
2. 47.20' WNW TO A CHISELED SQUARE ON THE N SIDE OF THE E END OF THE BLAST PAD
3. 26.50' NE TO A SIGN "EVACUATION ASSEMBLY AREA G"

CP–102
N: 1688206.9866 E: 1684692.2196
1/2" REBAR W/ PEC CP CAP, ON LINE W/ THE W END OF THE BLAST PAD SHIELD
1. 6.00' SW TO THE EDGE OF THE APRON
2. 47.50' NNE TO THE CORNER OF THE BLAST PAD
3. 95.00' SW TO THE N CORNER OF THE AREA INLET

CP–103
N: 1687966.2453 E: 1684791.4412
PUNCHED "X" ON THE N RIM OF A STORM DRAIN MANHOLE
1. 15.22' ESE TO THE W CORNER OF BUILDING B–82
2. 1.25' S TO THE CENTER OF THE MANHOLE

CP–104
N: 1688215.1338 E: 1685023.8512
MAG NAIL IN CONCRETE JOIN, N OF THE LOBBY ENTRANCE
1. 9.30' S TO THE W END OF THE HANDRAIL
2. 10.65' SW TO THE CENTER OF AN AREA INLET
3. 17.00' SSW TO THE HINDGE SIDE OF THE LOBBY DOOR

OCTOBER 2021

AS BUILTS

N
200 0 200

Contractor:
McCullough Excavation

Project Inspector:
Eric Miner 13 July 22
KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264–0242

MABCD REVIEWER:

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

DARWIN R. CRONE LICENSED 14896 KANSAS PROFESSIONAL ENGINEER

GLMVArchitecture
Wichita 316.265.9367 • Kansas City 816.444.4200 • Houston 281.870.1914 • www.glmv.com

Date	Description

TEXTRON AVIATION
EAST CAMPUS - B82
DELIVERY EXPANSION AND WEST HANGAR DOOR REPLACEMENT
WICHITA, KS

JOB NUMBER:	218003-012
DATE:	10/15/2021
DRAWN:	SAW
CHECKED:	DRC

CONSTRUCTION DOCUMENTS

PPD TITLE SHEET & KEY MAP

CU101
EAST CAMPUS - B82

Saved 10–14–2021 1:14:11 PM by SAMANTHA.WARKINS
Plot Scale 1:1 10–14–2021 1:44:34 PM by ###
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MABCD REVIEWER:

AS BUILTS

KEMILLER ENGINEERING PA
117 E. Lewis,
Wichita, KS 67202
(316)264-0242

PER PLAN

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CONSTRUCTION DOCUMENTS

SWS LINE NO. 1 PLAN & PROFILE

CU102
EAST CAMPUS - B82

AS BUILTS

KEMILLER ENGINEERING PA
117 E. Lewis,
Wichita, KS 67202
(316)264-0242

PER PLAN

PEC
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DARWIN R. CRONK
LICENSED
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CONSTRUCTION DOCUMENTS

SWS LINE NO. 2 PLAN & PROFILE

CU103

EAST CAMPUS - B82