

GENERAL NOTES

- SANITARY SEWER LINES AND STRUCTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE CITY OF WICHITA STANDARD SPECIFICATIONS.
- ALL ELEVATIONS SHOWN ARE BASED ON NAVD 88 DATUM.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF THREE FULL WORKING DAYS (72 HOURS) TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE CALL	1-800-344-7233
	OR 1-316-687-2470

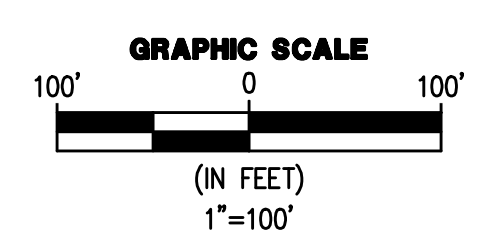
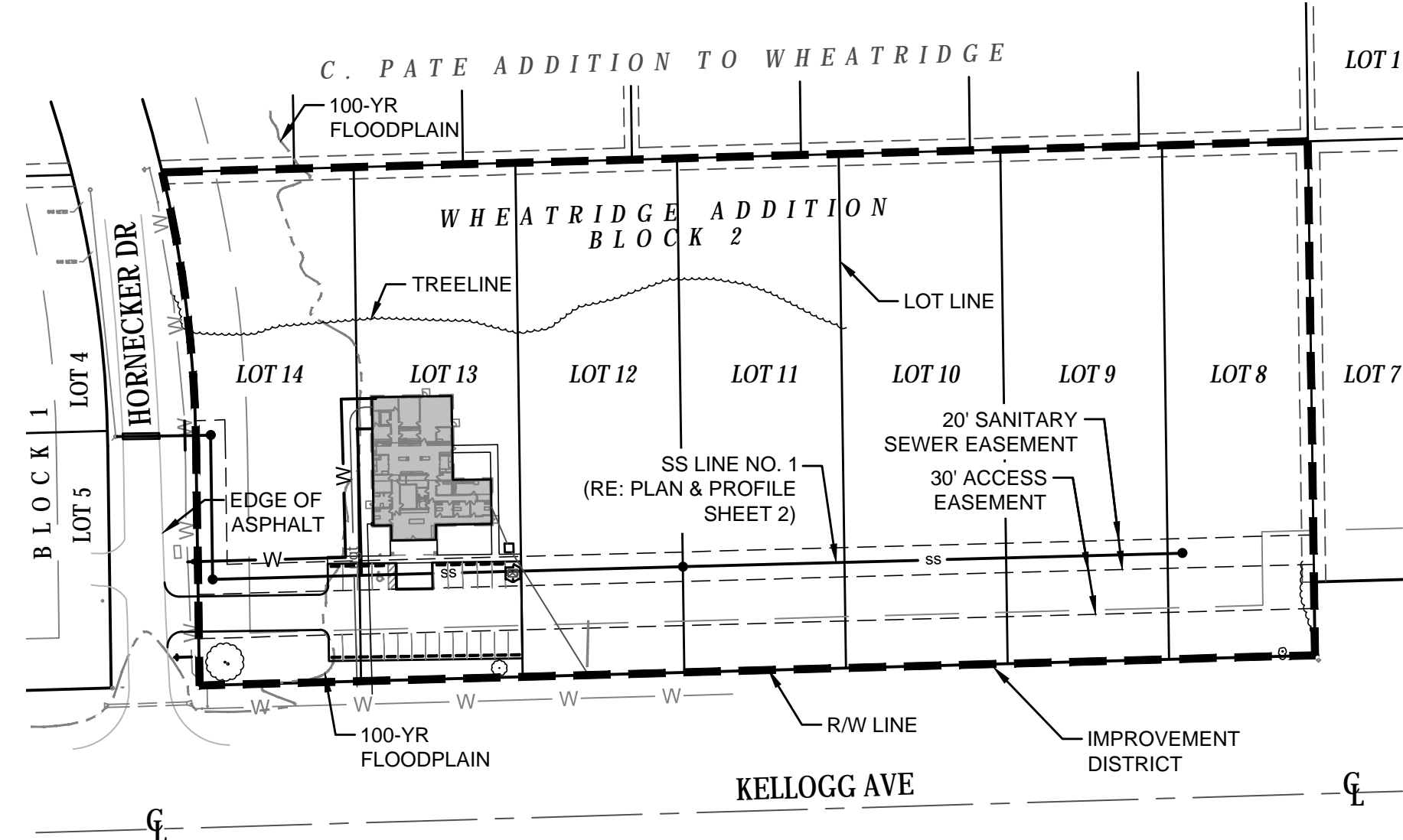
THE CONTRACTOR SHALL NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T	1-800-246-8464
BLACK HILLS ENERGY	1-800-694-8989
COX COMMUNICATIONS	1-888-249-3530
KANSAS GAS SERVICE	1-888-482-4950
WESTAR ENERGY	1-800-544-4857

THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED ACROSS AND/OR ADJACENT TO PIPELINES.

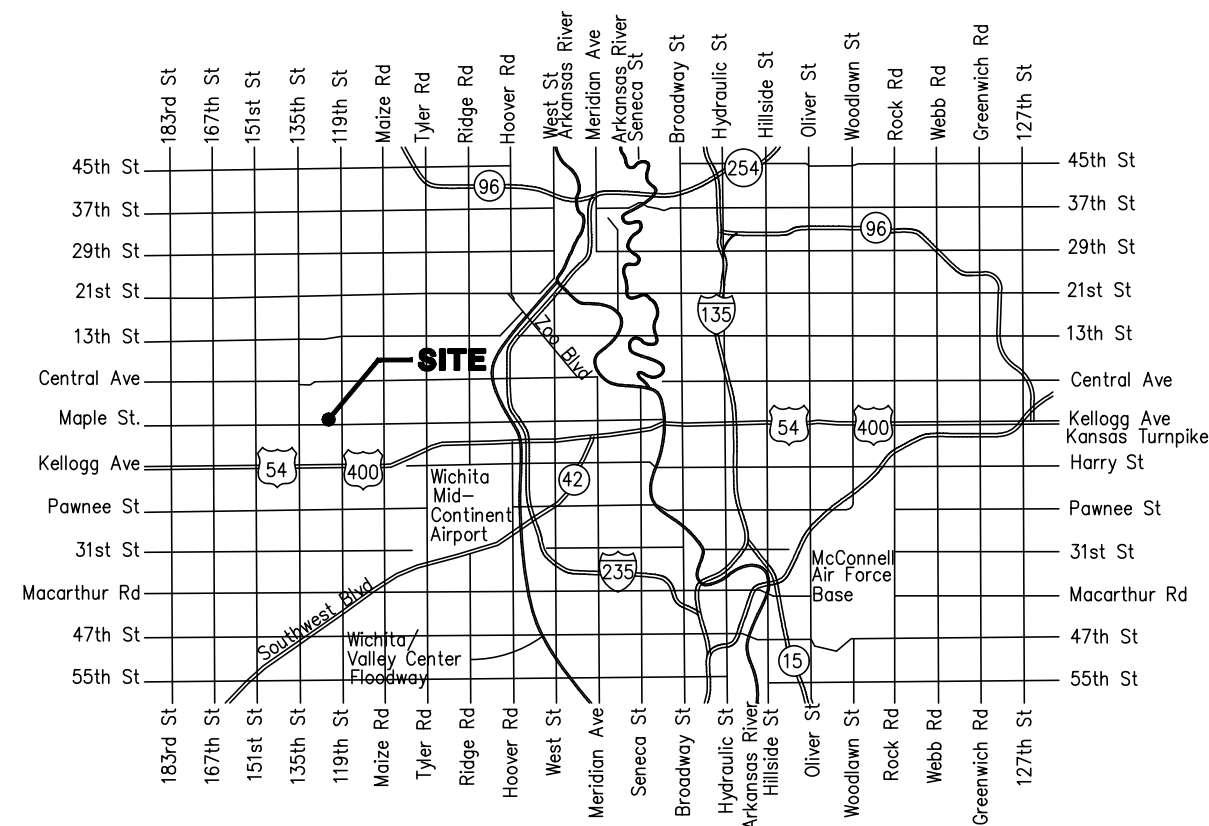
- THE CONTRACTOR SHALL NOTIFY THE INSPECTOR FOR THIS PROJECT 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT IS PRESENT ON SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING EXISTING PROPERTY IRONS AND RIGHT-OF-WAY MONUMENTS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS OR RIGHT-OF-WAY MONUMENTS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS OR MONUMENTS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- TRAFFIC AFFECTED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE HANDLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION. AFTER BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR OF THE NATURE FOR THE WORK TO BE COMPLETED
- COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO OTHER ITEMS OF WORK.
- SEEDING AND FERTILIZING OF ALL AREAS DISTURBED BY THE CONSTRUCTION OF THE SANITARY SEWER AS SHOWN ON THE PLANS SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS OF WORK.
- THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE. ALL AREAS DISTURBED BY CONSTRUCTION INCLUDING STAGING AREAS, SHALL BE REPLANTED WITH GRASS SEED AT THE APPROPRIATE RATES APPROVED BY THE ENGINEER.
- 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 FLOODPLAIN 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.
- PAVED SURFACES OR SIDEWALK AREAS REMOVED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- TREES IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED OR TRIMMED AS NECESSARY AT THE CONTRACTORS EXPENSE.
- EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION AVAILABLE 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 ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WHICH ARE ENCOUNTERED ON THIS PROJECT. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES. ANY LINES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- PROPERTIES WITHIN THE PROJECT LIMITS MAY HAVE UNDERGROUND SPRINKLER SYSTEMS IN THE PUBLIC RIGHT-OF-WAY WHICH CONFLICT WITH NEW CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REMOVE SUCH IMPROVEMENTS SHOULD THEY NOT BE REMOVED BY THEIR OWNER AT THE TIME OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SALVAGE ALL SPRINKLER HEADS AND/OR VALVES AND GIVE SUCH MATERIAL TO THEIR OWNER. PORTIONS OF UNDERGROUND SPRINKLER SYSTEMS NOT IN CONFLICT WITH NEW CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND SHALL REMAIN IN PLACE. ALL WORK IN CONNECTION WITH UNDERGROUND SPRINKLER SYSTEMS SHALL BE CONSIDERED AS SUBSIDIARY TO THE CONTRACT PAY ITEMS OF WORK.
- THE CONTRACTOR SHALL INSTALL DEWATERING SYSTEMS AS NECESSARY TO KEEP TRENCHES FREE OF WATER. IN NO CIRCUMSTANCE WILL PIPE BE LAID IN STANDING WATER. DEWATERING SYSTEMS SHALL REMAIN IN OPERATION UNTIL THE TRENCH HAS BEEN BACKFILLED. THE COST FOR THIS WORK SHALL BE SUBSIDIARY TO THE INSTALLATION OF THE PIPE.
- PRIOR TO LAYING THE NEW SANITARY SEWER LINES THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF THE EXISTING SANITARY SEWER AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES FROM THE PLAN.
- AT LEAST 24 HOURS BEFORE CONNECTING NEW SEWER PIPE TO THE EXISTING SEWAGE SYSTEM, THE CONTRACTOR SHALL CONTACT THE CITY OF WICHITA. THE CONTRACTOR SHALL KEEP ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION. TO PREVENT WATER OR DEBRIS FROM ENTERING THE EXISTING SEWER, A MECHANICAL PLUG SHALL BE INSTALLED AND MAINTAINED TO ISOLATE THE EXISTING SEWER FROM THE NEW CONSTRUCTION UNTIL THE NEW CONSTRUCTION IS CLEANED, TELEVIEWED, AND HAS BEEN ACCEPTED. THE WATER USED FOR CLEANING OR OTHERWISE ACCUMULATED WATER SHALL BE PUMPED OR OTHERWISE REMOVED PRIOR TO TELEVIEWING.
- ALL PIPE JOINTS SHALL BE LAID AND PUSHED 'FULL HOME', WITH THE BEVELED END OF THE SPIGOT MAKING FULL CONTACT WITH THE CHAMFERED AREA AT THE THROAT OF THE BELL OR SOCKET, WITH NO SEPARATION BETWEEN THEM. IF SEPARATION IS DETERMINED, THE PIPE SHALL BE EXCAVATED AND RE-LAID ACCORDING TO SPECIFICATIONS AT THE CONTRACTOR'S EXPENSE.
- ALL PROPOSED STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE.
- THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.

LATERAL 45, MAIN 1, CIS SANITARY IMPROVEMENTS TO SERVE PRAIRIE RIDGE ANIMAL HOSPITAL CITY OF WICHITA, SEDGWICK COUNTY, KANSAS DECEMBER 2017 468-85259 (744455) and 448-90878



**PROJECT LOCATED ALONG
SW1/4 OF THE SE1/4 OF SEC. 25, T27S, R2W
CITY OF WICHITA
SEDGWICK COUNTY, KANSAS**

DEVELOPER CONTACT:
TONY STRUNK
(316) 250-7290
USMCpatch69@gmail.com



Vicinity Map

McCullough Excavation - Contractor
J. Brand - City of Wichita, Field Project Engineer
T. Dvorak - City of Wichita, Inspector
As-built
Completion Date: 7/24/2018
pdf: 9/10/2018 apr

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15	SANITARY SEWER BUBBLE MAP

HORIZONTAL CONTROL POINTS		
C.P. #1	N 1677675.87 E 1605748.26	PROPERTY PIN FOUND LOCATED APPROX. 447' NORTH AND 1.5' EAST OF THE INTERSECTION OF KELLOGG AND HORNECKER
C.P. #2	N 1677488.61 E 1605711.40	PROPERTY PIN WITH SAVOY CAP LOCATED APPROX. 280' NORTH AND 35' WEST OF THE INTERSECTION OF KELLOGG AND HORNECKER

BENCHMARKS		
BM #1	N 1677782.00 E 1605667.02	CHISELED "X" CUT NORTH RIM EX SSMH LOCATED APPROX. 435' AND 43' WEST OF THE INTERSECTION OF KELLOGG AND HORNECKER
BM #2	N 1677665.18 E 1605699.33	CHISELED "X" CUT NORTH RIM EX SSMH LOCATED APPROX. 270' AND 17' WEST OF THE INTERSECTION OF KELLOGG AND HORNECKER

SURVEY DISCLAIMER:
TOPOGRAPHIC SURVEY USED IN PREPARING PLANS WAS DEVELOPED SOLELY FOR ENGINEERING PLANS. THE INFORMATION PROVIDED IS NOT A BOUNDARY SURVEY. ALL PROPERTY AND RIGHT OF WAY LINES ARE APPROXIMATE.

UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

NOTE: THE ENGINEER HAS NOT BEEN PROVIDED WITH TITLE INFORMATION. COORDINATION FOR ANY EASEMENTS AND ENCUMBRANCES, WHICH MAY CONFLICT WITH THE PROPOSED IMPROVEMENTS, THAT ARE NOT SHOWN ON THE PLANS SHALL BE THE RESPONSIBILITY OF THE OWNER AND/OR ARCHITECT.

FLOODPLAIN NOTE: THE ENTIRE PROPERTY IS LOCATED OUTSIDE OF A REGULATORY FLOODWAY; HOWEVER, A PORTION OF THIS PROPERTY LIES WITHIN ZONE "AE", AS SHOWN BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP FOR THE COUNTY OF SEDGWICK OF WICHITA, KS, COMMUNITY PANEL NUMBER 20173C0336G EFFECTIVE DATE DECEMBER 22, 2016.

REV.	DESCRIPTION	DATE

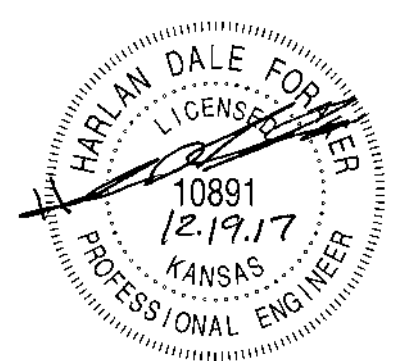
**PRAIRIE RIDGE ANIMAL
HOSPITAL
SANITARY
IMPROVEMENTS**

WHEATRIDGE ADDITION
WICHITA, SEDGWICK COUNTY, KS

CERTIFIED ENGINEERING DESIGN, P.A.
CIVIL ENGINEERING SERVICES



1935 WEST MAPLE STREET
WICHITA, KANSAS 67213
PH.(316)262-8808 FAX.(316)262-1669



PROJECT NO.: 20172416
ISSUE DATE: 12/19/17
CONTACT: L. MILLS / H. FORAKER
CHECKED BY: L. MILLS / H. FORAKER



COVER SHEET

FILE LOCATION: S:\Drawing Files\Land Projects\1-14-00\Prairie Ridge - Animal Hospital\DWG\Sanitary.dwg TAB NAME: Cover USER: ranganjan SAVED: 12/21/2017 10:35 AM PLOTTED: 12/21/2017 10:37 AM