

© 21ST STREET NORTH = SECTION LINE

NE Cor. NW 1/4
Sec. 10, T27S, 2E

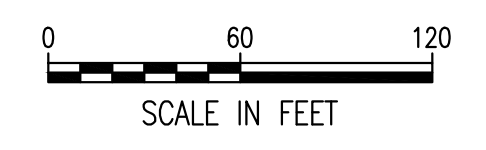
GENERAL NOTES

- ALL CONSTRUCTION WORK AND MATERIAL IN THIS PROJECT SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF WICHITA, KANSAS STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- ALL ELEVATIONS SHOWN ARE NAVD88
- 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 687-2470 or 811

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

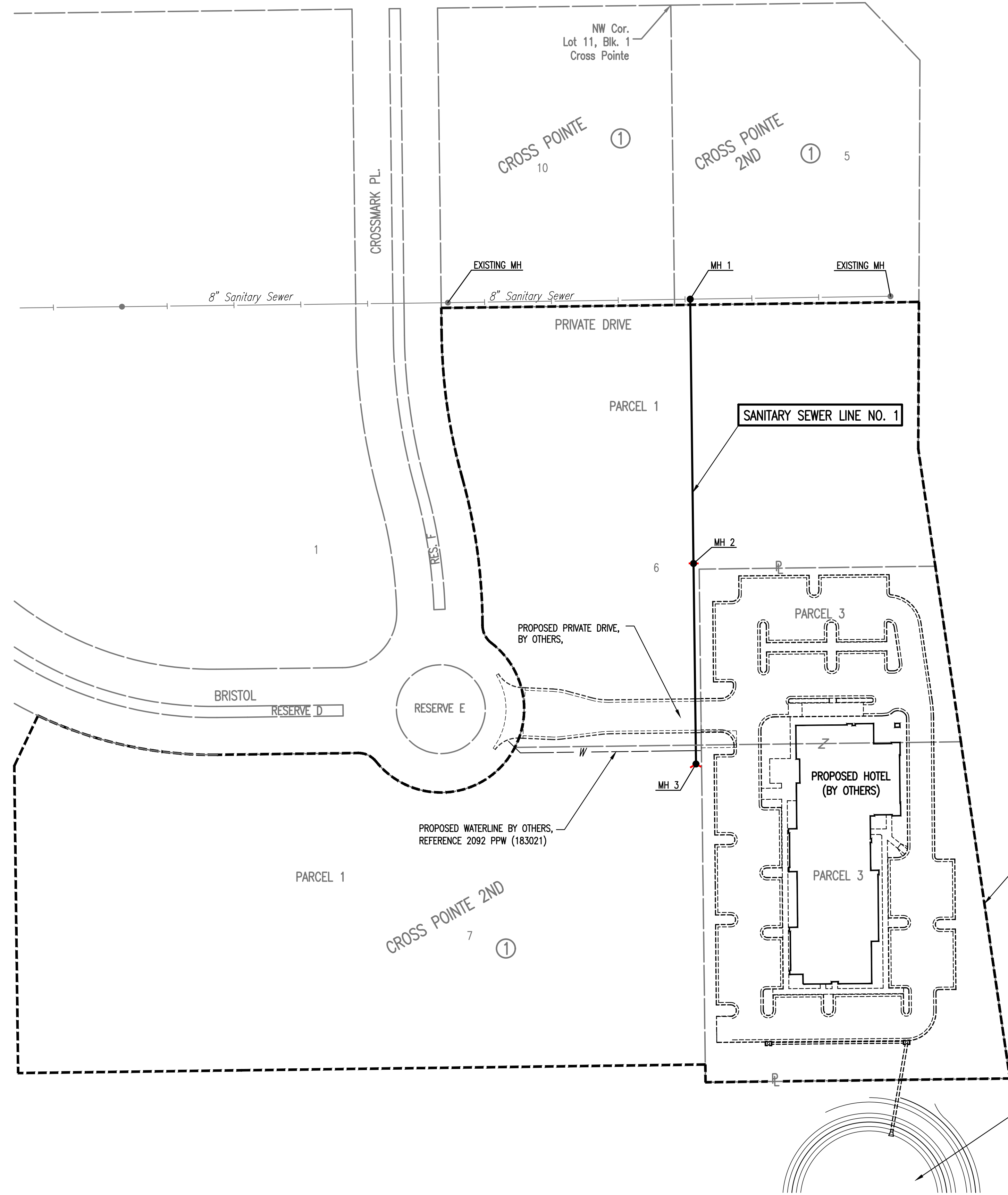
EMERGENCY DISPATCH 911
COX COMMUNICATIONS 800-778-9140
KANSAS GAS SERVICE 888-482-4950
WESTAR ENERGY 800-383-1183
BLACK HILLS ENERGY 800-694-8989
AT&T 800-286-8313
WICHITA WATER UTILITIES (SS AND WL) 262-6000
- THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
- AT LEAST 72 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 OR 811 TO REQUEST THE LOCAL UTILITY COMPANIES MARK ANY EXISTING LINES WITHIN THE PROJECT AREA.
- UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE DRAWINGS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE DRAWINGS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE DRAWINGS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR THE DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- 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. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "SITE RESTORATION".
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
- MANHOLES SHALL BE STANDARD MANHOLES. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES INCLUDING ANY TREES REMOVED, TREE TRIMMINGS, AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL ALSO 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 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 MAY REQUIRE ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED DISPOSAL LOCATION.
- ALL APPROVED EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER. STOCKPILE LOCATIONS SHALL BE AS DIRECTED BY THE OWNER AND IN ACCORDANCE WITH GENERAL NOTE NO. 4 ABOVE.
- EACH BIDDER SHALL VISIT THE SITE OF THE PROJECT BEFORE SUBMITTING THE PROPOSAL FOR THIS WORK SO THAT HE WILL BE FULLY INFORMED OF THE EXISTING FIELD CONDITIONS AND THE OBSTACLES WHICH MIGHT BE ENCOUNTERED. UPON AWARD OF THE CONTRACT THE CONTRACTOR WILL NOT BE GRANTED ANY ADDITIONAL COMPENSATION WITH REGARDS TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING ANY INSPECTION OF THE SITE.
- THE CONTRACTOR SHALL SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITH TEMPORARY RYE GRASS. RYE GRASS SEED SHALL BE PLANTED AT A MINIMUM RATE OF SIX (6) POUNDS PER ONE THOUSAND (1,000) SQUARE FEET. THIS TEMPORARY SEEDING MAY BE OMITTED ONLY IF OTHER SEEDING IS REQUIRED IN ACCORDANCE WITH GENERAL NOTE NO. 12 ABOVE. TEMPORARY SEEDING OR PERMANENT SEEDING/SODDING SHALL BE APPLIED WITHIN 14 DAYS AFTER THE AREA HAS BEEN DISTURBED.
- THE CONTRACTOR SHALL AVOID REMOVAL OR TRIMMING OF ANY TREES OR SHRUBS WHERE POSSIBLE. WHERE THE CONTRACTOR BELIEVES THE REMOVAL OR TRIMMING IS UNAVOIDABLE, HE SHALL COORDINATE SUCH WORK WITH THE ENGINEER. COSTS FOR TREE/SHRUB REMOVAL AND TRIMMING REGARDLESS OF SIZE SHALL BE CONSIDERED SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "SITE CLEARING".
- THE CONTRACTOR SHALL PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ADJACENT TO THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN CONTINUOUS FLOW OF SEWAGE IN EXISTING MAINS AT ALL TIMES.
- THE CONTRACTOR SHALL NOT BURY MANHOLES THAT HAVE RIM ELEVATIONS WHICH ARE LOWER THAN EXISTING GROUND AT THE MANHOLE. THE GROUND AROUND SUCH MANHOLES AND ALONG THE SEWER ALIGNMENT SHALL BE BACKFILLED TO THE APPROXIMATE ELEVATION OF THE PROPOSED GROUND ELEVATION SHOWN ON THE PLAN/PROFILE SHEETS. THE CONTRACTOR SHALL PROVIDE DRAINAGE AWAY FROM THESE MANHOLES AND SEWER LINES BY CONSTRUCTION OF TEMPORARY DITCHES OR SLOPING THE GROUND AS REQUIRED. ALL COSTS FOR THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE INSTALLED BID PRICE FOR MANHOLES OR PIPE.
- THE CONTRACTOR SHALL PROVIDE MOUNDING EARTH AT MANHOLES AND CLEANOUTS THAT HAVE TOP ELEVATIONS GREATER THAN 1 FOOT ABOVE EXISTING GRADE, AS SHOWN ON THE DRAWINGS. COSTS FOR MOUNDING SHALL BE CONSIDERED SUBSIDIARY TO THE PRICE BID PER EACH FOR MANHOLES.
- INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA AND LOCAL BUSINESS OR RESIDENTIAL TRAFFIC GENERATED WITHIN THE PROJECT AREA ARE TO BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY PROJECT SPECIAL PROVISIONS. THE CONTRACTOR SHALL UTILIZE BARRICADES, SIGNS, GUARDS, AND FLAGMEN IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- WHERE INDICATED IN THE DRAWINGS, THE SANITARY SEWER EXCAVATION SHALL BE SAND FILLED AND FLUSHED (JETTED AND VIBRATED) WITH WATER PER THE REQUIREMENTS LISTED IN THE STANDARD SPECIFICATIONS FOR THE CITY OF WICHITA, UNLESS FLOWABLE FILL OR OTHER IMPROVED BACKFILL MATERIAL IS OTHERWISE SPECIFIED. ALL COSTS FOR SAND FILLING AND FLUSHING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "JETTED SAND BACKFILL".
- THE CONTRACTOR SHALL INSTALL AND/OR MAINTAIN EROSION CONTROL METHODS AS SPECIFIED ON THE EROSION CONTROL PLAN. THE FOLLOWING QUANTITIES ARE ESTIMATED, AND SHOULD BE CONSIDERED THE MINIMUM EFFORT REQUIRED. THE GENERAL LOCATION OF THE REQUIRED EROSION CONTROL IS ILLUSTRATED ON THE EROSION CONTROL PLAN. THE SANITARY SEWER CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL SHOWN THROUGH THE COMPLETION OF THIS PROJECT. INSTALLATION OF THESE BMP'S DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF ABATING SOIL EROSION.
- ALL APPROVED EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE STOCKPILED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER. STOCKPILE LOCATIONS SHALL BE AS DIRECTED BY THE OWNER AND IN ACCORDANCE WITH GENERAL NOTE NO. 10 ABOVE.



LEGEND

- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING SANITARY SEWER W/MANHOLE
- PROPOSED SANITARY SEWER W/MANHOLE

SEE SHEET NO. 3 FOR PLAT COORDINATES AND SANITARY SEWER COORDINATES.

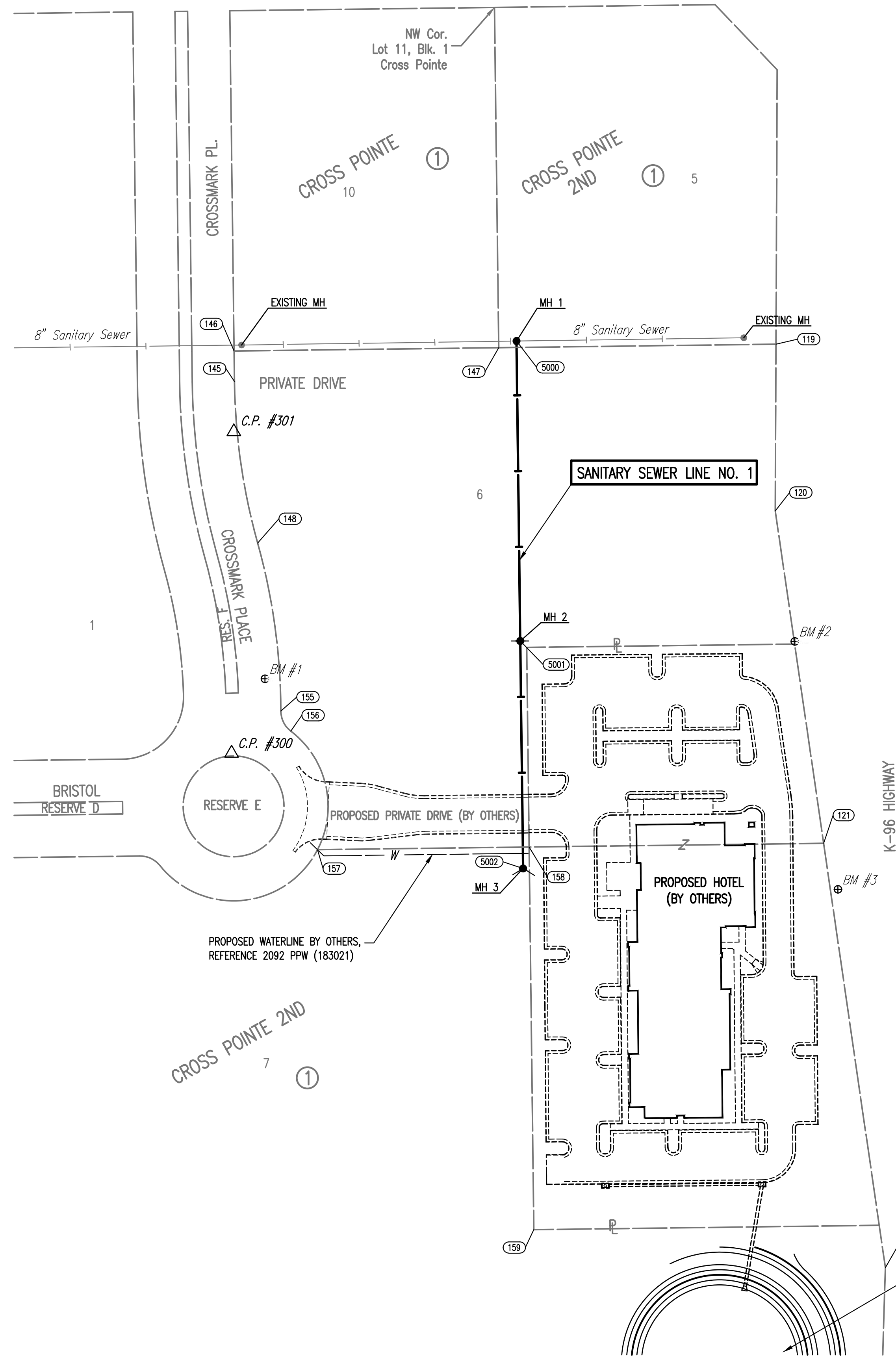


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 U:\Wichita-Civil\2014\14472\001\Drawings\14472-001-002-KEY MAP AND GENERAL NOTES

No.	Revision	By	Date
LATERAL 6, MAIN 16 FOUR MILE CREEK SEWER KEY MAP AND GENERAL NOTES GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-84045			
Designed by	CSB, SAD	Job No.	35-14472-001-2345
Drawn by	CSL	Date	JULY 2014
			Sht. 2 of 11

© 21ST STREET NORTH = SECTION LINE

NE Cor. NW 1/4
Sec. 10, T27S, 2E



PLAT COORDINATE LIST		
POINT	NORTHING	EASTING
119	1,699,492.4283	1,688,429.8636
120	1,699,360.1686	1,688,429.2794
121	1,699,096.4028	1,688,467.6542
122	1,698,759.7795	1,688,516.6289
145	1,699,462.8669	1,688,000.2005
146	1,699,487.0207	1,687,999.8968
147	1,699,489.6617	1,688,209.8802
148	1,699,334.6690	1,688,018.5869
155	1,699,201.3060	1,688,037.0116
156	1,699,185.4346	1,688,044.9008
157	1,699,091.3530	1,688,066.1336
158	1,699,093.4750	1,688,233.9930
159	1,698,789.8370	1,688,237.7300

SANITARY SEWER LINE NO. 1 COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
5000	1,699,494.9257	1,688,223.9644	0+00.0	MH 1
5001	1,699,256.9443	1,688,226.9390	2+38.0	MH 2
5002	1,699,076.3984	1,688,229.1957	4+18.6	MH 3

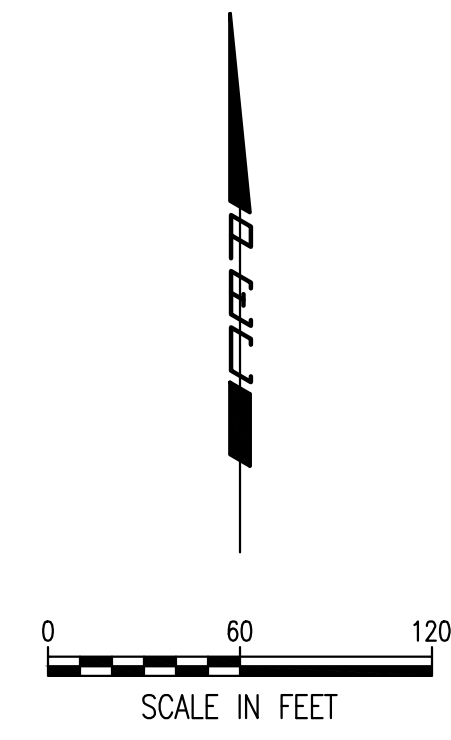
5000 = COORDINATE POINT NO.

BENCHMARK LIST

- BM #1 - CHISELED "d" ON THE CENTER OF THE FACE OF THE CURB INLET, ON THE E SIDE OF CROSSMARK PLACE, NE OF THE ROUNDABOUT, AT THE SW CORNER OF LOT 6, BLOCK 1, OF CROSS POINT 2ND ADDITION.
ELEV. = 1365.87 (NAVD88)
- BM #2 - TOP OF THE BURIED TEE POST, ON THE W SIDE OF THE K-96 RIGHT OF WAY FENCE, 2 FEET N OF THE NE CORNER OF THE NEW HOTEL TRACT.
ELEV. = 1364.97 (NAVD88)
- BM #3 - HIGH-EDGE OF CHISELED SQUARE ON CONCRETE DITCH LINER AT TOP OF WEST SIDE OF NORTH-AND-SOUTH CONCRETE DITCH AND IN CENTERLINE/FLOWLINE OF EAST-WEST CONCRETE DITCH, AT THE WEST EDGE OF THE RIGHT OF WAY FOR K-96 HIGHWAY, SOUTH OF 21ST STREET, 40 FEET SOUTH OF THE SOUTHEAST CORNER OF LOT 6, BLOCK 1, CROSS POINT 2ND AND 200 FEET SOUTH OF THE NORTHEAST CORNER OF THE PARCEL FOR THE PROPOSED HOTEL.
ELEV. = 13660.65 (NAVD88)
- BM #4 - (NOT SHOWN) HIGH-EDGE OF CHISELED SQUARE ON EAST EDGE OF CONCRETE DRAINAGE FLUME, IN THE WEST RIGHT OF WAY FOR K-96 HIGHWAY NEAR THE SOUTHEAST CORNER OF THE PLAT OF CROSS POINT 2ND ADDITION, 13 FEET EAST OF THE DITCH FLOWLINE, 34 FEET EAST OF THE HIGHWAY RIGHT OF WAY FENCE, 2 FEET NORTH OF THE LINE OF THE FENCE ALONG THE SOUTH SIDE OF THE PLAT OF CROSS POINT 2ND.
ELEV. = 1354.02 (NAVD88)

CONTROL POINTS △ C.P. #100

- Pt. No. 300
MON. MAG
N: 1,699,167.954087, E: 1,687,997.845292
- Pt. No. 301
1/2 BAR
N: 1,699,422.954970, E: 1,687,999.680992



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JOSHUA GOLY
LICENSED
24136
10/02/2017
KANSAS
PROFESSIONAL ENGINEER

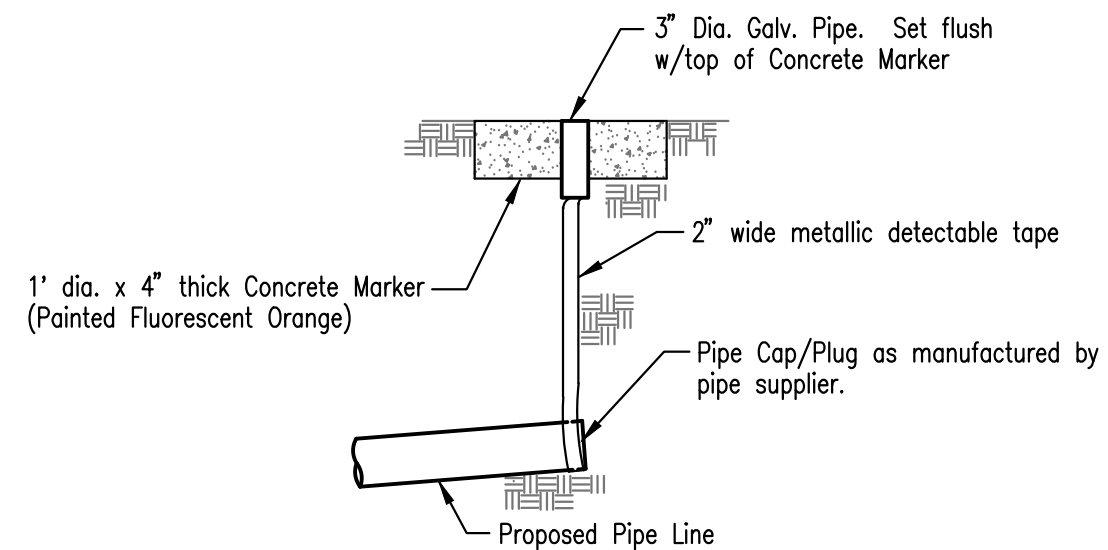
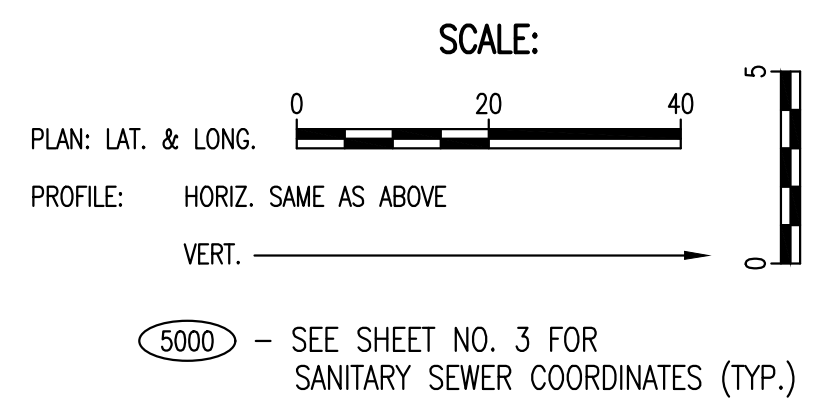
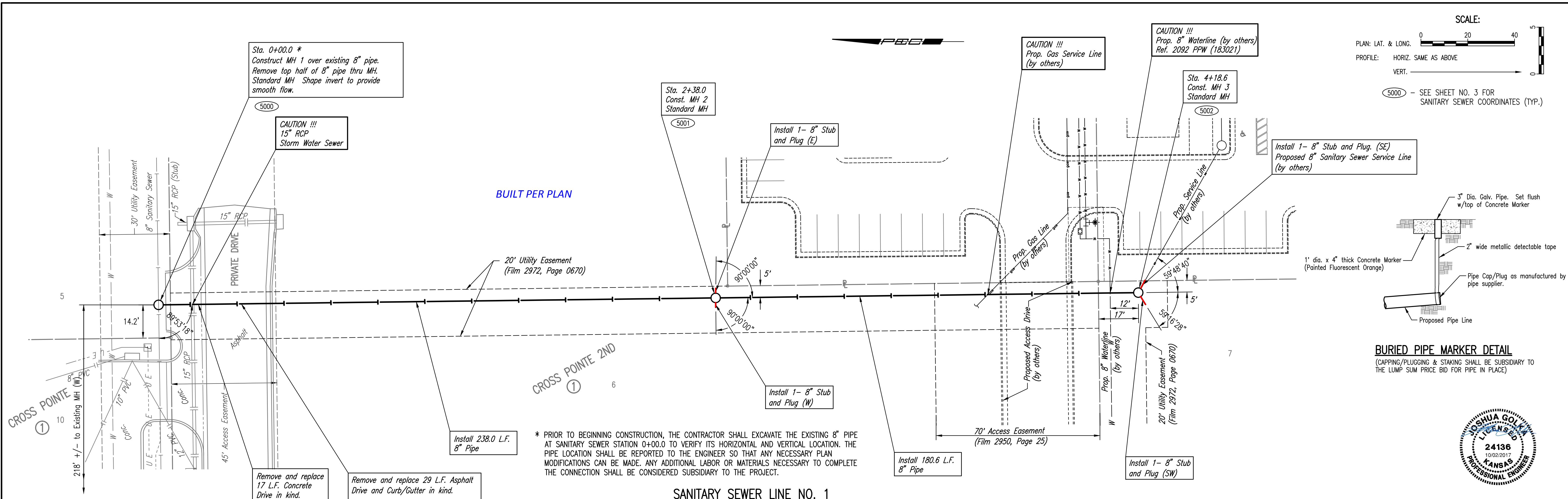
No.	Revision	By	Date
LATERAL 6, MAIN 16 FOUR MILE CREEK SEWER SANITARY SEWER BUBBLE MAP GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-84045 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	CSB, SAD	Job No.	35-14472-001-2345
Drawn by	CSL	Date	JULY 2014

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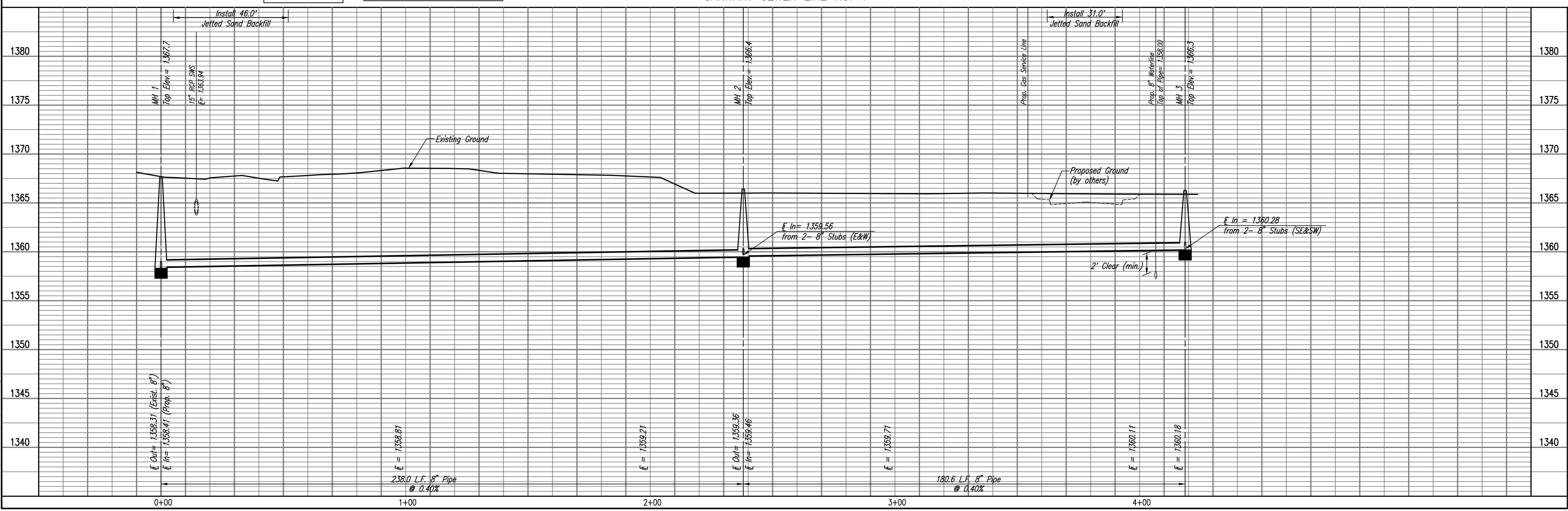
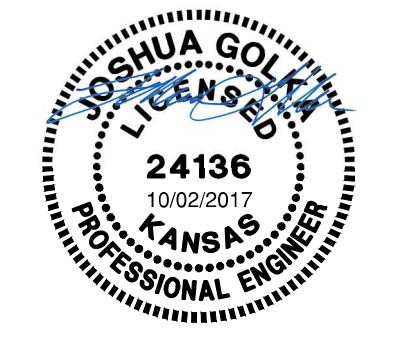
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PROFILE	CHECKED	DATE
	CHECKED	

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BURIED PIPE MARKER DETAIL
 (CAPPING/PLUGGING & STAKING SHALL BE SUBSIDIARY TO THE LUMP SUM PRICE BID FOR PIPE IN PLACE)



SANITARY SEWER LINE NO. 1
 LATERAL 6, MAIN 16
 FOUR MILE CREEK SEWER
 GARY JANZEN, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 468-84045

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

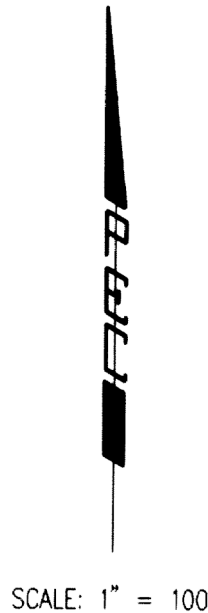
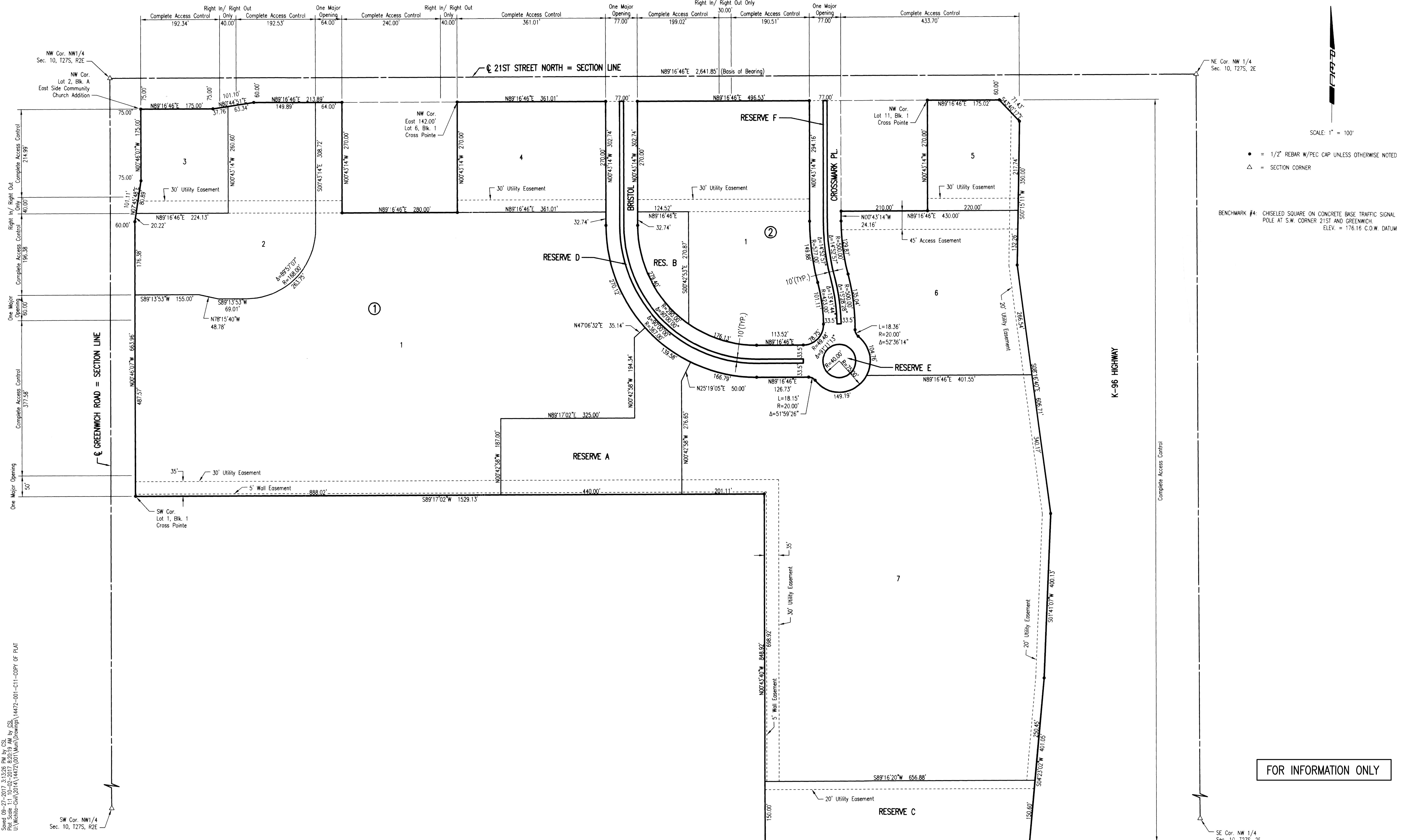
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 Drawn By: CSL, RTF

Job No. 35-14472-001-2345
 Date: JULY 2014

Sheet 4 of 11

CROSS POINTE 2ND

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



SCALE: 1" = 100'

- = 1/2" REBAR W/PEC CAP UNLESS OTHERWISE NOTED
- △ = SECTION CORNER

BENCHMARK #4: CHISELED SQUARE ON CONCRETE BASE TRAFFIC SIGNAL POLE AT S.W. CORNER 21ST AND GREENWICH. ELEV. = 176.16 C.O.W. DATUM

FOR INFORMATION ONLY

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SW Cor. NW 1/4
Sec. 10, T27S, R2E

SE Cor. NW 1/4
Sec. 10, T27S, 2E