

J:\PROJECTS\2019\1010403_VPE_BRADLEY FAIR 3RD LOT SPLT_19423\CAD\SHRUBS\CIVIL\SANITARY\19423-05-2000.DWG
 PLOTTED: Thursday, April 30, 2020 @ 03:19PM

GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- 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 (GAS) 1-800-694-8999
 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
 WESTAR ENERGY 1-800-544-4857
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 FIELD GRADES BY THE CONTRACTOR.
- 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 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 CONTRACTOR'S RESPONSIBILITY.
- ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE SEEDED AND MULCHED. COST SHALL BE CONSIDERED SUBSIDIARY TO PROJECT SEEDING.
- CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
- EXISTING UTILITIES AND THEIR LOCATION, 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.
- 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 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.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
- ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
- CONNECTING TO EXISTING MANHOLES:
 PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLANS. WHERE CONNECTION TO AN EXISTING MANHOLE 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 MANHOLE WALL TO MAKE CONNECTION USING APPROVED WATER STOP GASKET, AND RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST TO CONNECTING TO EXISTING MANHOLES IS INCIDENTAL TO THE PROJECT.
- THE CONTRACTOR SHALL PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SEWAGE THROUGH CONSTRUCTION. CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING SEWAGE FLOW SHALL BE SUBMITTED AND APPROVED BY THE SEWER MAINTENANCE DIVISION (316-268-4073) PRIOR TO STARTING AND BY-PASSING OF SEWAGE FLOWS.
- ALL TRAFFIC CONTROL DEVICES IN THE WORK ZONE (INCLUDING MARKINGS AND SIGNS) AND THEIR INSTALLATION AND MAINTENANCE SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL DEVICES IN THE TRAVELED WAY OR CLEAR ZONE SHALL BE CRASHWORTHY (NCHRP REPORT 350 OR MASH COMPLIANT).
http://safety.fhwa.dot.gov/roadwaydept/policy/guide/road_hardware/wzd
- ALL CONSTRUCTION EQUIPMENT, INCLUDING VEHICLES, MATERIALS, AND DEBRIS, SHALL BE STORED OUTSIDE OF THE CLEAR ZONE WHERE THIS CANNOT BE ACHIEVED THE CONTRACTOR SHALL PLACE APPROPRIATE SIGNS, OBJECT IDENTIFIERS, AND/OR BARRICADES IN COMPLIANCE WITH MUTCD.
- EXCEPT WHEN REQUIRED FOR SAFETY, TRAFFIC CONTROL SHALL NOT BLOCK ANY LANES OR SIDEWALKS WHEN WORK IS NOT BEING PERFORMED.
- FOLLOW THE LINK BELOW FOR DETAILS ON SPECIFIC CITY OF WICHITA STANDARD DETAILS:
<http://www.wichita.gov/PWU/Pages/Regulations.aspx>
- DEVELOPER FOR THIS PROJECT IS:
 VP WILSON PROPERTIES
 1605 N. WATERFRONT PKWY., SUITE 100
 WICHITA, KS, 67206
 PAUL JACKSON
 316-634-6600

SANITARY SEWER TO SERVE

BRADLEY FAIR THIRD ADDITION

TRACT 2A,
BLOCK 1

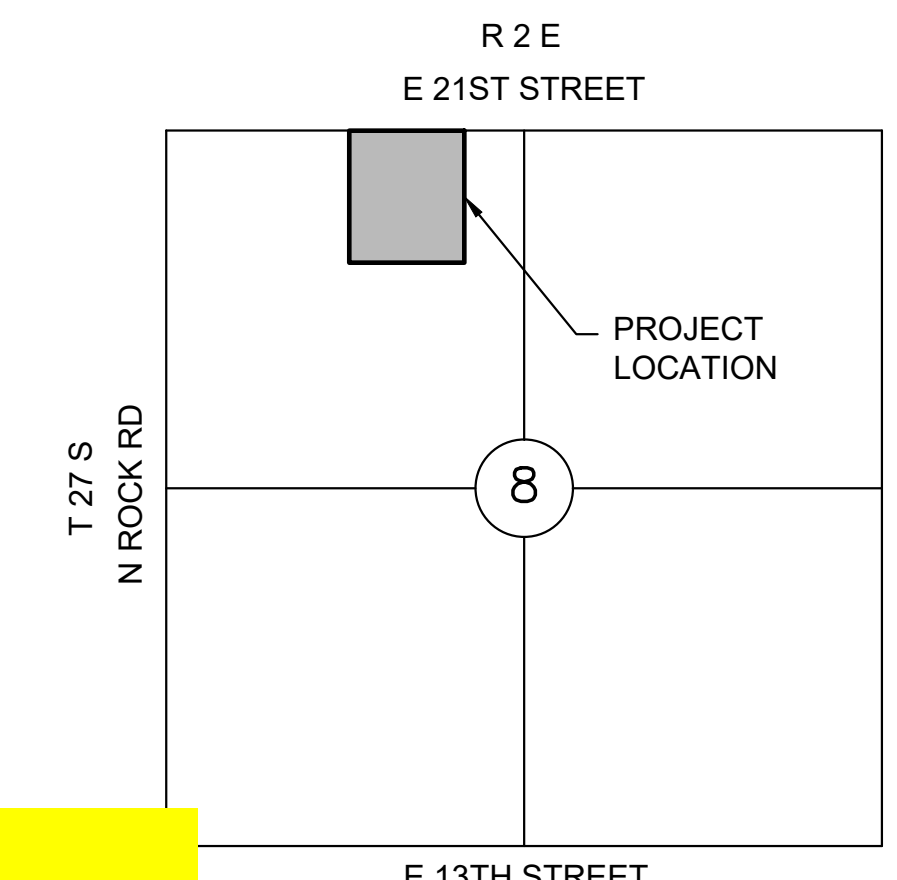
PROJECT NO. ~~468-2019-010208~~ 468-2020-009805

THE CITY OF WICHITA, KANSAS
 GARY JANZEN, P.E. - CITY ENGINEER
 OCA NO. 744516



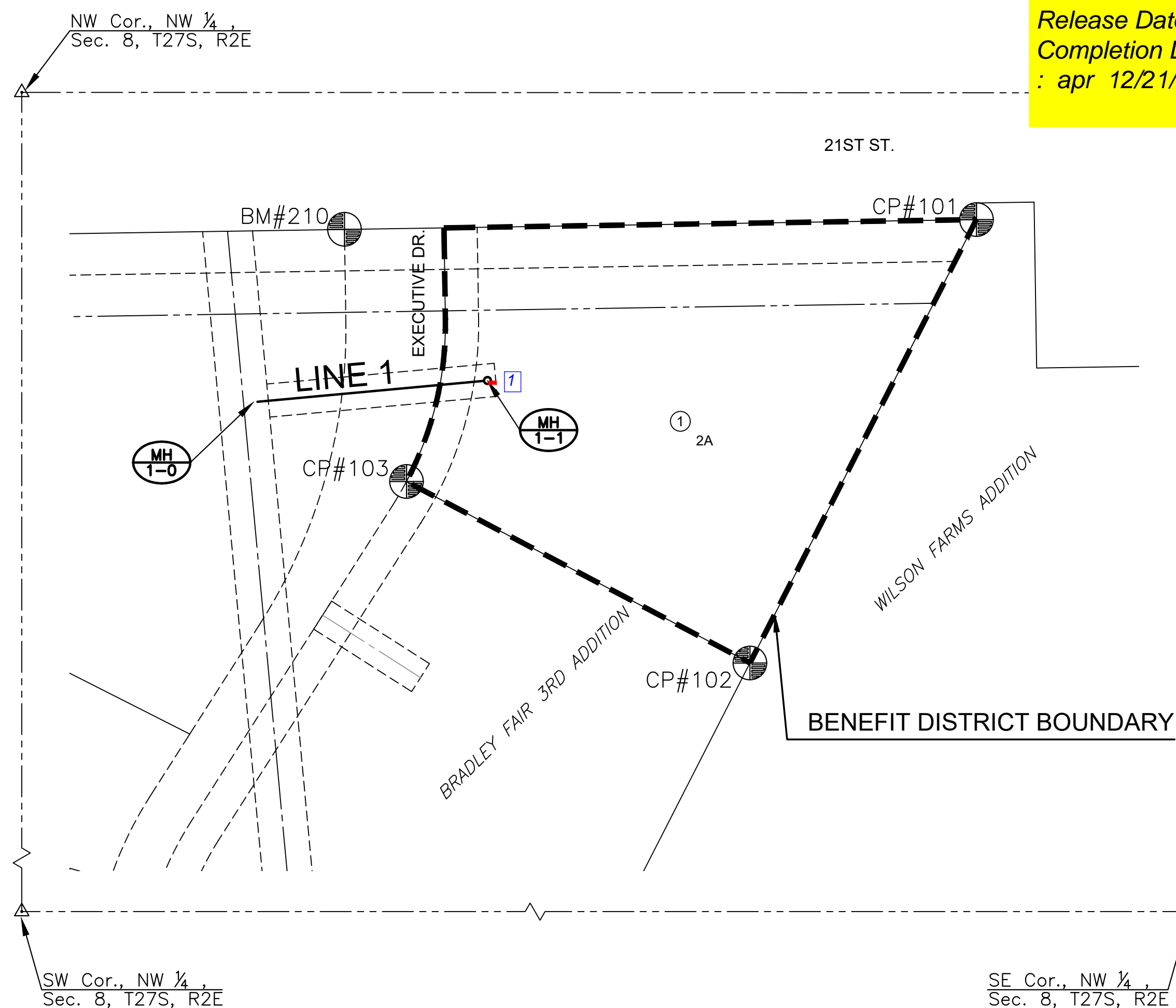
Contractor - Dondlinger
 Foreman - Brad Reichenberger
 Inspector - Roger Skilling
 Engineer - Kevin Yale

As-built
 Riser
 Release Date (for connection purposes only): 9/14/2020
 Completion Date: 9/16/2021
 : apr 12/21/2020



VICINITY MAP

No Scale



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02-04	DETAILS
05	LINE 1
06	BUBBLE MAP
07-11	BMP SHEETS
12	FINAL PLAT

LEGEND

	EXISTING SEWER
	PROPOSED SEWER

BENCHMARKS

BM#210
 N:17071.137 E:15294.459 EL:1379.317
 FOUND "V" CUT FOR NE CORNER OF 8521 EASE
 21ST ST. N.

CONTROL POINTS

CP#101
 N:17076.944 E:15675.282 EL:1374.641
 NE CORNER OF TRACT 2A. FOUND 5/8" MKEC BAR
 AND CAP.

CP#102
 N:16809.811 E:15538.755 EL:1374.311
 SE CORNER OF TRACT 2A. SET 5/8" MKEC BAR AND
 CAP.

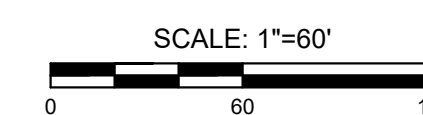
CP#103
 N:16919.129 E:15331.811 EL:1377.525
 SW CORNER OF TRACT 2A. SET 5/8" MKEC BAR AND
 CAP.

DATUM

THE HORIZONTAL DATUM IS BASED ON THE PREVIOUS LOCAL NETWORK FOR THE BRADLEY FAIR SUBDIVISION. ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 88 VERTICAL DATUM.

NOTE

ALL CONTROL POINTS SHOWN HAVE ELEVATIONS ESTABLISHED USING STANDARD SURVEYING PROCEDURES AND CAN BE USED AS TEMPORARY BENCHMARKS. WHEN USING A CONTROL POINT AS A TEMPORARY BENCHMARK, IT IS RECOMMENDED THAT CROSS-CHECKS BE MADE TO OTHER CONTROL POINTS OR BENCHMARKS TO CONFIRM ELEVATIONS PRIOR TO USE.



SANITARY SEWER PLANS FOR
BRADLEY FAIR THIRD ADDITION
 WICHITA, KANSAS

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TITLE SHEET

PROJECT NO. 468-2019-010208

DATE APRIL 2020

SCALE 1"=60'

DESIGNED	DRAWN	CHECKED
SPE	LM	SPE

NO.	REVISION	DATE

SHEET NO.

01 OF 12

J:\PROJECTS\2019\1901010423_VPP_BRADLEY FAIR 3RD LOT SPLT_19423 CAD\SHS\06 CIVIL\SANIT\19423-05-2201.DWG
 PLOTTED: Friday, May 01, 2020 @ 09:38AM

EXISTING SS MH
 MH TOP=1382.50
 FL IN=1360.75(21"N)
 FL OUT=1360.65(21"S)

CAUTION!! EXISTING WTR,
 TV, & LIGHT POLE

21ST STREET NORTH

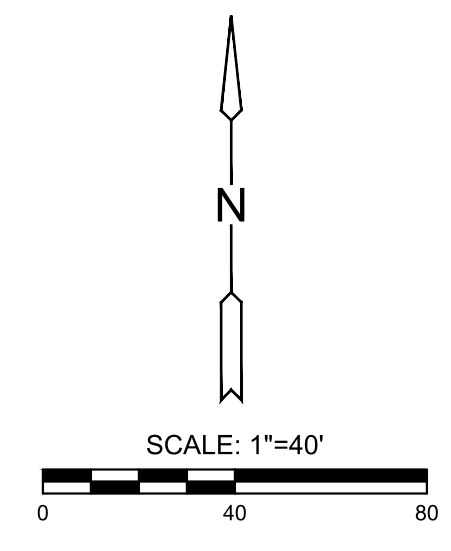
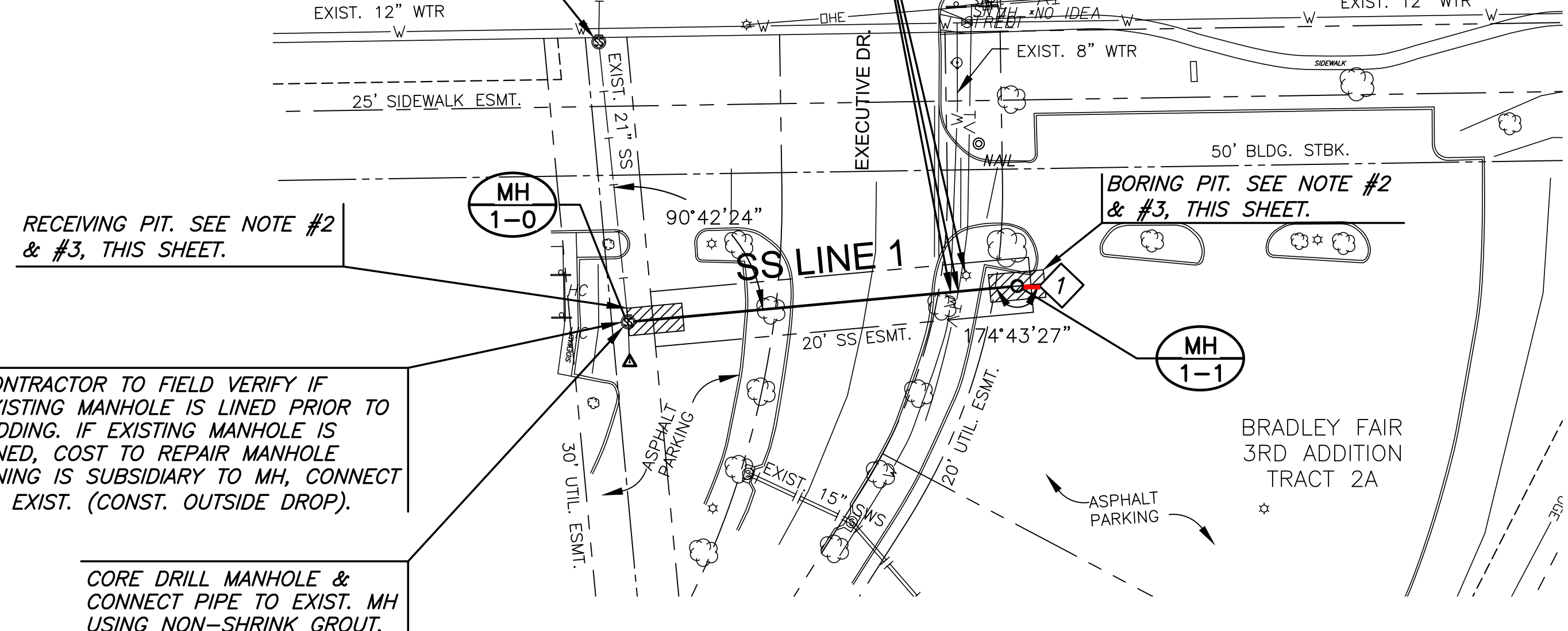
NO.	TYPE	LOCATION			STATION	DIRECTION	FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.			APPROXIMATE LENGTH	VERTICAL (FT)
1	6" MH CONNECTION	2	1	1	11+41.7	E	7'	5'

- NOTES:**
- CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - PAVEMENT SHALL BE SAW CUT AND REMOVED AS NEEDED AT BORE PIT AND RECEIVING PIT. SUBGRADE AND ASPHALT PAVEMENT SHALL BE REPLACED IN LIKE KIND AFTER SANITARY SEWER IS INSTALLED. PROVIDE ASPHALT CONNECTION AT BOTH BORE AND RECEIVING PITS. SEE DETAIL BELOW. COST SHALL BE SUBSIDIARY TO 'BORE PIT PAVEMENT REMOVED & REPLACED' AND 'RECEIVING PIT PAVEMENT REMOVED & REPLACED', RESPECTIVELY.
 - BORE PIT & RECEIVING PIT SHALL BE BACKFILLED WITH JETTED SAND. COST SHALL BE SUBSIDIARY TO 'MH, STANDARD SS (4')' AND 'MH, CONNECT TO EXIST. (CONST. OUTSIDE DROP)', RESPECTIVELY.

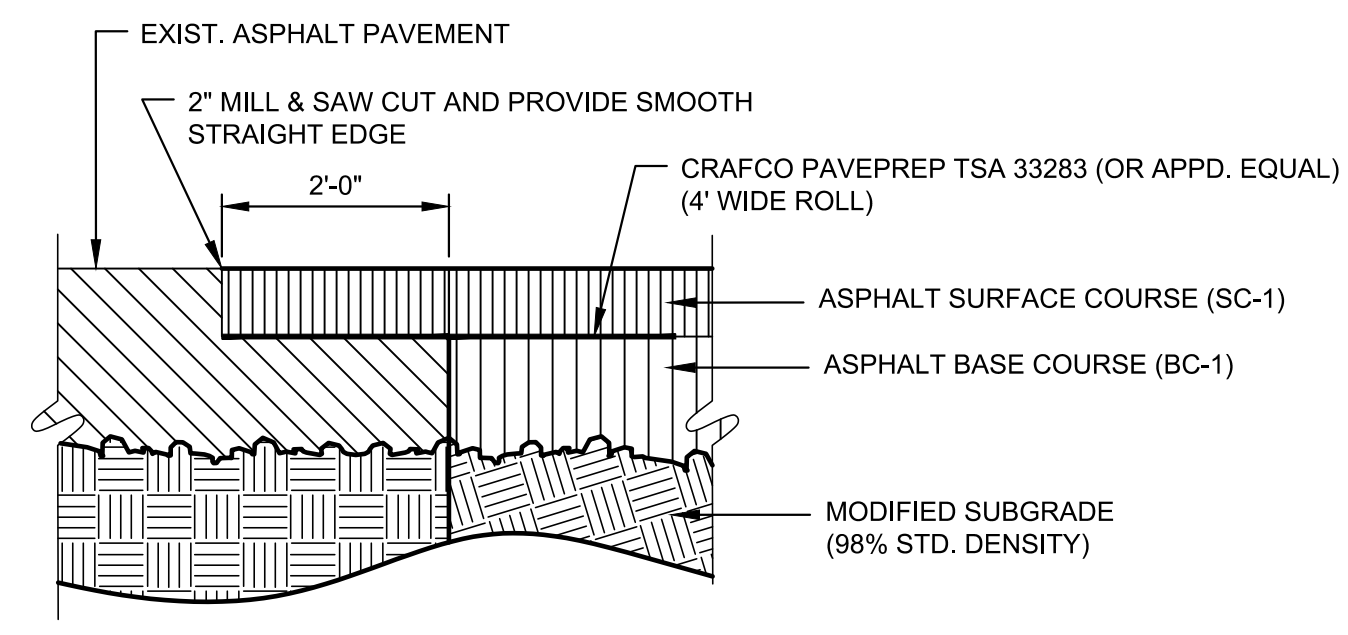
RECEIVING PIT. SEE NOTE #2 & #3, THIS SHEET.

CONTRACTOR TO FIELD VERIFY IF EXISTING MANHOLE IS LINED PRIOR TO BIDDING. IF EXISTING MANHOLE IS LINED, COST TO REPAIR MANHOLE LINING IS SUBSIDIARY TO MH, CONNECT TO EXIST. (CONST. OUTSIDE DROP).

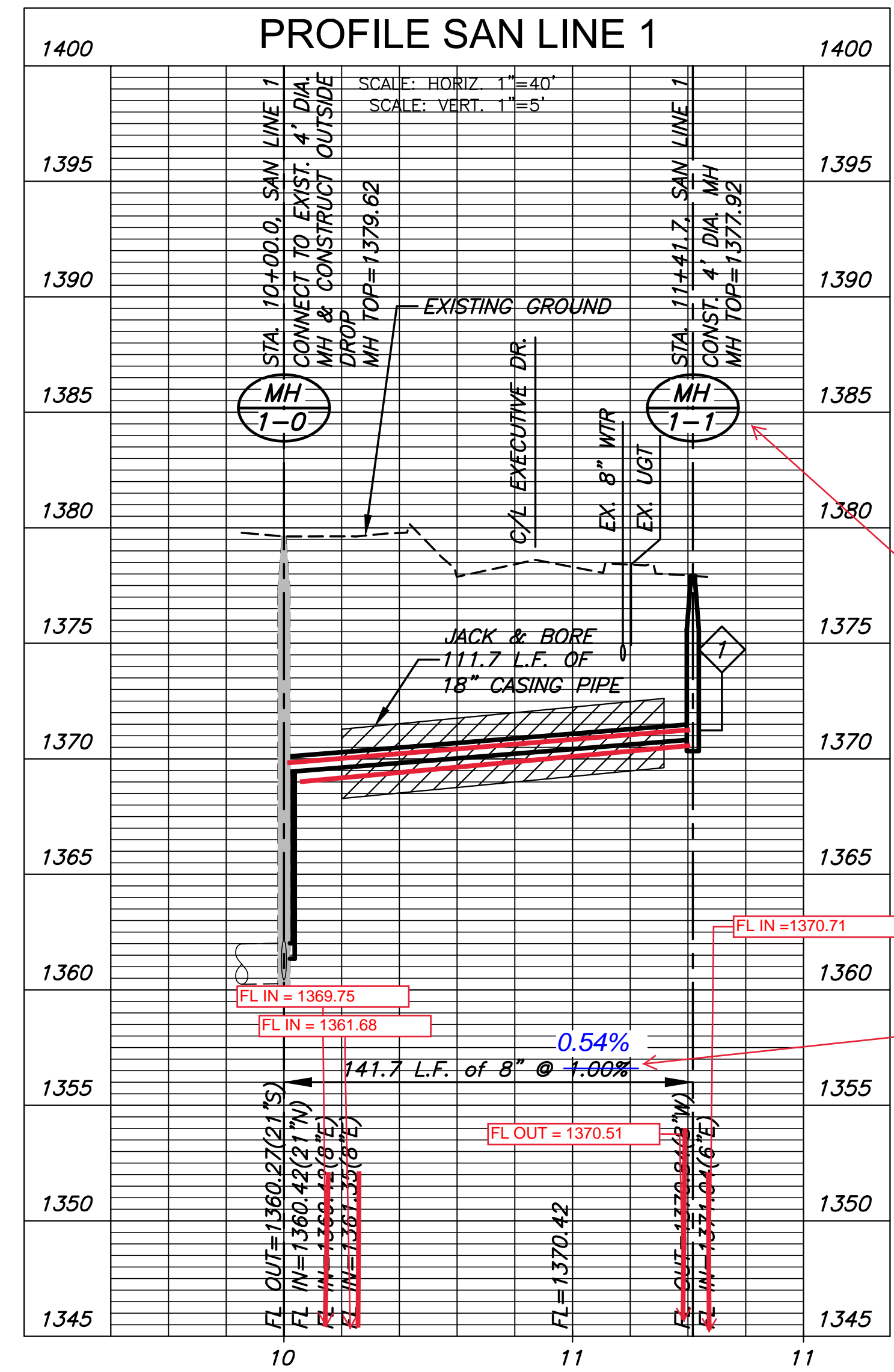
CORE DRILL MANHOLE & CONNECT PIPE TO EXIST. MH USING NON-SHRINK GROUT.



PLAN SAN LINE 1
 PROFILE SAN LINE 1



1 TYP. SECTION: A.C. PVMT. CONNECTION
 SCALE: NTS



MH 1-1 Lowered 4'
 MH top elevation unchanged.

Remained at 1%



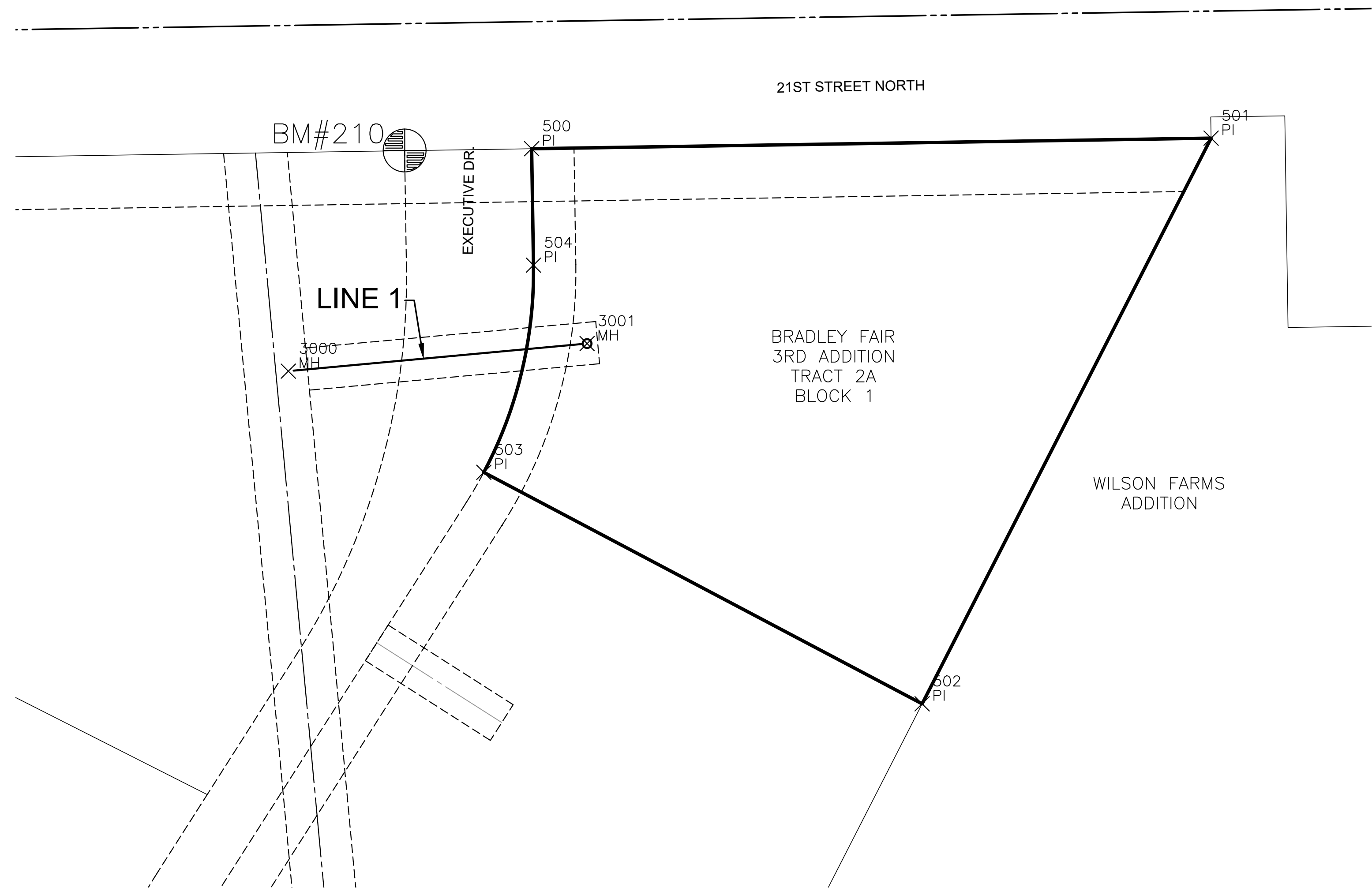
SANITARY SEWER PLANS FOR
BRADLEY FAIR THIRD ADDITION
 WICHITA, KANSAS

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SAN LINE 1		
PROJECT NO.	468-2019-010208	
DATE	APRIL 2020	
SCALE	1"=40'	
DESIGNED	DRAWN	
SPE	LM	
CHECKED	SPE	
NO.	REVISION	DATE
SHEET NO.		
05 OF 12		

PLOTTED: Thursday, April 30, 2020 @ 03:21 PM

J:\PROJECTS\2019\1901010423_VPE_BRADLEY FAIR 3RD LOT SPLIT_19423 CAD\SHOTS\06 CIVIL\SAF19423-05-2500.DWG



PLAT POINTS			
Point #	Northing	Easting	Desc.
500	17071.98	15354.41	PI
501	17076.97	15675.26	PI
502	16809.81	15538.78	PI
503	16919.13	15331.82	PI
504	17016.98	15355.27	PI

SANITARY POINTS			
Point #	Northing	Easting	Desc.
3000	16966.92	15239.50	MH
3001	16979.95	15380.58	MH

BENCHMARKS

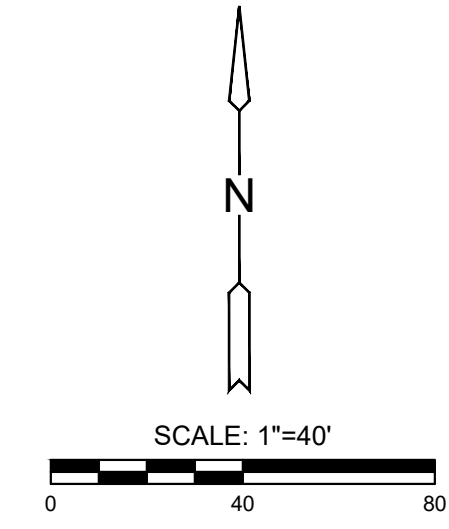
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EVERY ATTEMPT HAS BEEN MADE TO INSURE ALL COORDINATE VALUES SHOWN ARE AN ACCURATE AND TRUE REPRESENTATION OF THE CURRENT PLANS. ALL VALUES ARE TO BE CONFIRMED WITH THE FINAL SIGNED PLAN SET BEFORE USE.

SANITARY SEWER PLANS FOR
BRADLEY FAIR THIRD ADDITION
 WICHITA, KANSAS

BUBBLE MAP

PROJECT NO.	468-2019-010208	
DATE	APRIL 2020	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
SPE	LM	SPE
NO.	REVISION	DATE

SHEET NO.
 06 OF 12