

# 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) 1-800-694-8389  
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.
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- IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, BRIAN COON AT [bcoon@wichita.gov](mailto:bcoon@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 CONTRACTOR'S RESPONSIBILITY.
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- 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 OUT THE 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.
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- 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/roadhardware/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, SUBJECT 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>
- CONTRACTOR SHALL WINDROW OR STOCKPILE TOPSOIL ACROSS WIDTH OF UTILITY TRENCHING OPERATIONS FOR PLACEMENT IN FUTURE PROJECT BY OTHERS.
- DEVELOPER FOR THIS PROJECT IS:  
COUNTRY HOLLOW, LLC  
RITCHIE DEVELOPMENT CORPORATION, MANAGER  
8100 E 2ND ST. N. BUILDING 100  
WICHITA, KS 67226  
KEVIN M. MULLEN  
316-684-7300

## SANITARY SEWER

TO SERVE

# COUNTRY HOLLOW 2ND ADDITION

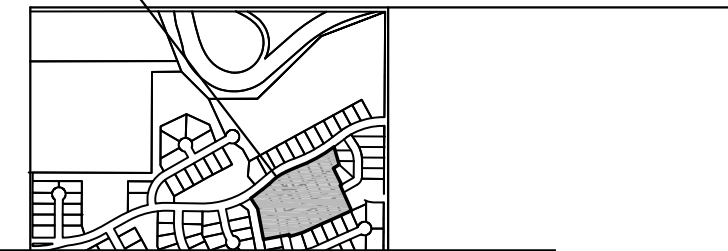
Company = City of Wichita  
Inspector = Zach Regnier  
Contractor = Mies Construction

GLEN WOOD AND ROSE STREET  
WICHITA, KS  
PROJECT NO. 468-84105  
THE CITY OF WICHITA, KANSAS  
GARY JANZEN, P.E. - CITY ENGINEER  
OCA NO. 744496

4' dia. MH = 6 ea  
8" SDR-35 = 1095 lf  
8" stub = 3 ea  
4" sch 40 pvc riser = 10 ea  
06/06/2019 ZR



PLAT LOCATION  
R 2 E  
E KELLOGG ST



Mies Construction - Contractor  
K. Yale - City of Wichita, Field Project Engineer  
Z. Regnier - City of Wichita, Inspector  
As-built  
Stubs & Risers  
Release date for connection purposes only: 11/22/2019  
Completion Date: 2/14/2020  
pdf: 11/26/2019 apr

## VICINITY MAP

No Scale

SECTION 6346

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06	LINE 2
07	LINE 3
08	BUBBLE MAP
09-13	BMP SHEETS
14	FINAL PLAT

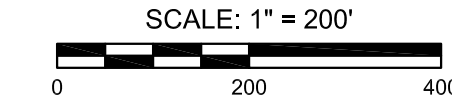
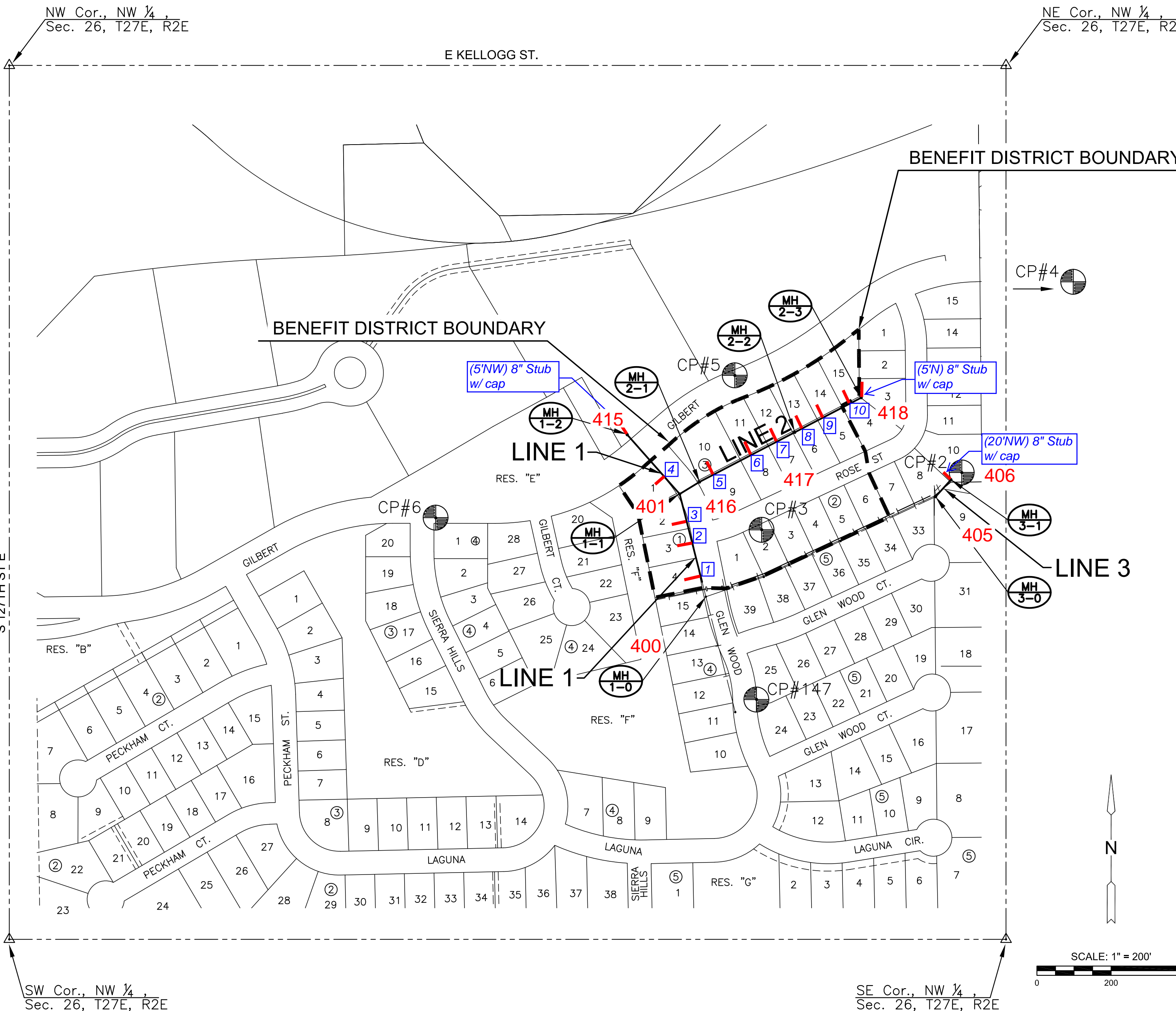
## CONTROL POINTS

DATUM:  
THE HORIZONTAL DATUM IS BASED ON THE KANSAS COORDINATE SYSTEM OF 1983(2011), SOUTH ZONE. COORDINATES SHOWN HAVE BEEN MODIFIED TO THE GROUND USING A COMBINED ADJUSTMENT FACTOR OF 1.0001200144.  
ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 88 VERTICAL DATUM.

CONTROL POINTS:

CP2, N:1682513.937 E:1694380.13 5/8 BAR 2" ALUM MKEC CAP	EL:1338.1
CP3, N:1682359.995 E:1693840.826 5/8 BAR 2" ALUM MKEC CAP	EL:1335.39
CP4, N:1683046.711 E: 1694574.106 CHISELED "X"	EL:1325.059
CP5, N:1682775.750 E:1693768.393 5/8 BAR MKEC CLS39 CAP	EL:1336.853
CP6, N:1682391.904 E:1692962.388 5/8 BAR 2" ALUM MKEC CAP	EL:1338.797
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SANITARY SEWER PLANS FOR  
**COUNTRY HOLLOW 2ND ADDITION**  
 PHASE 1

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## TITLE SHEET

PROJECT NO.	468-84105	
DATE	MAR 2019	
SCALE	1" = 200'	
DESIGNED	DRAWN	CHECKED
SLF	RWB	SLF
1	ADDED NOTE	04/08/19
NO.	REVISION	DATE

SHEET NO.  
01 OF 14

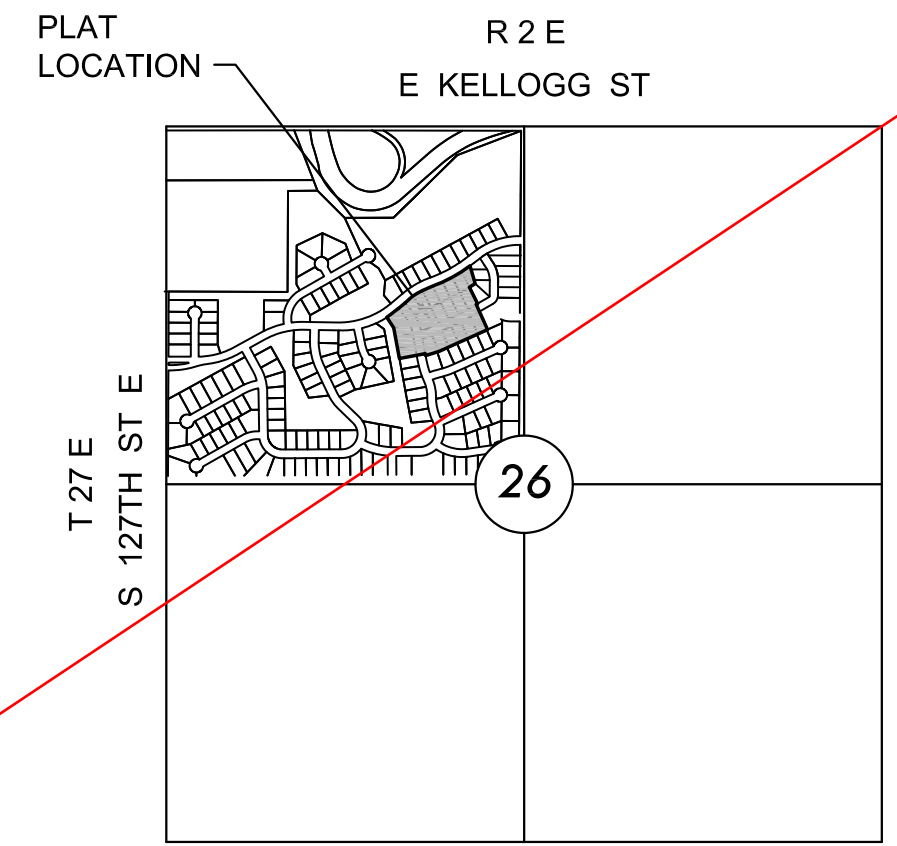
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WICHITA, KS 67226  
KEVIN M. MULLEN  
316-684-7300

Sanitary Sewer  
TO SERVE  
**COUNTRY HOLLOW 2ND ADDITION**

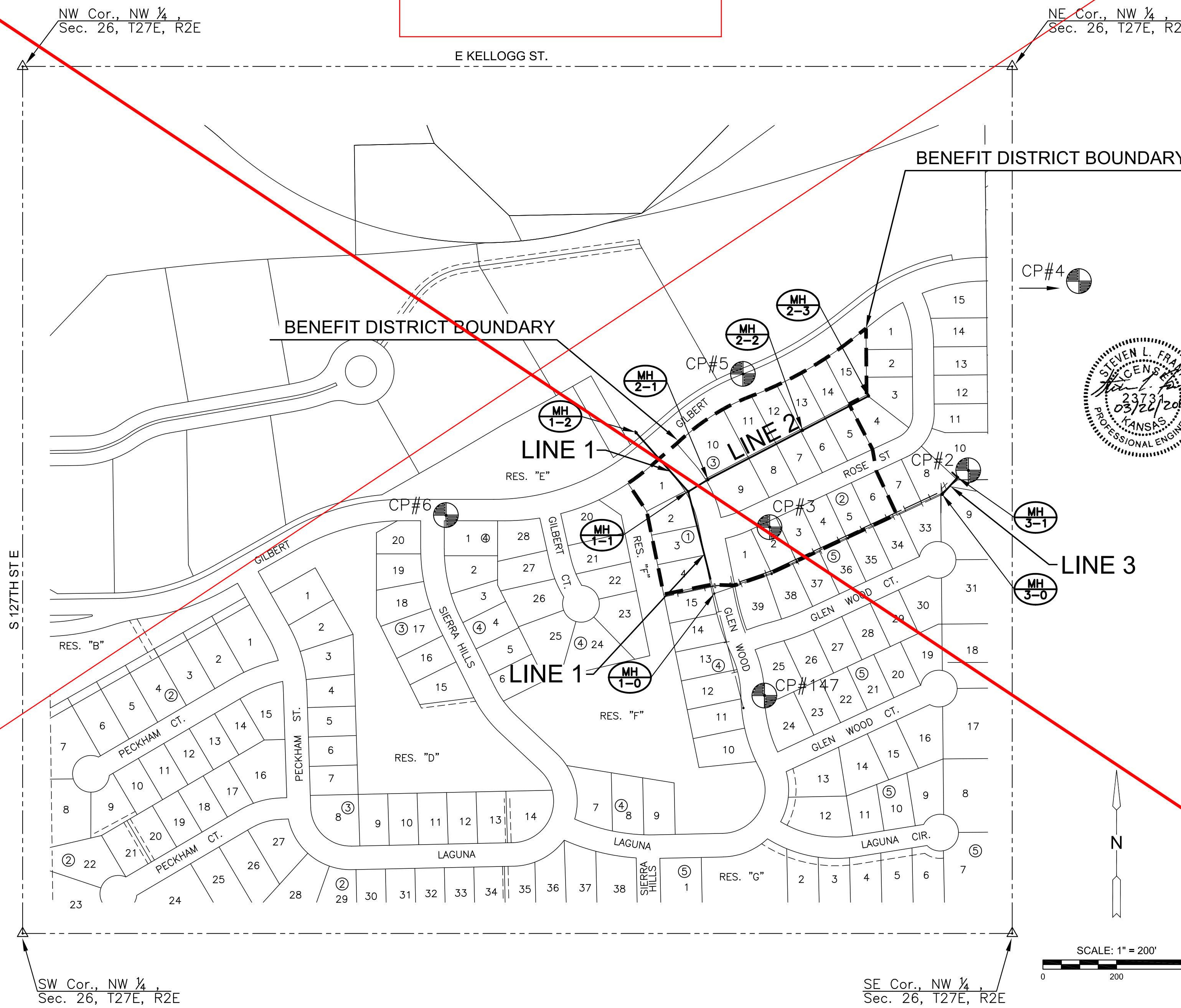
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WICHITA, KS  
PROJECT NO. 468-84105  
THE CITY OF WICHITA, KANSAS  
GARY JANZEN, P.E. - CITY ENGINEER  
OCA NO. 744496

**SEE REVISED SHEET**



**VICINITY MAP**

No Scale



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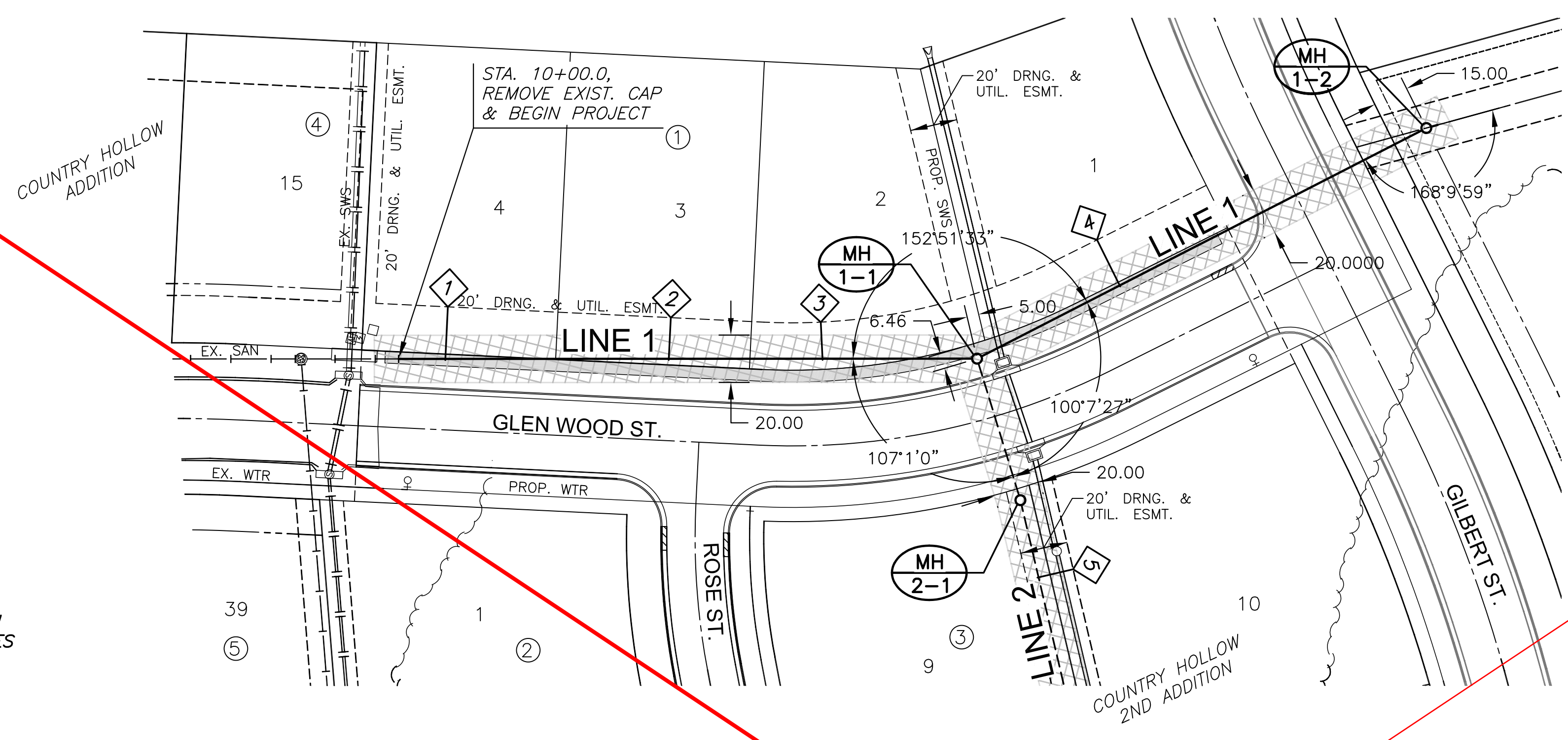
SANITARY SEWER PLANS FOR  
**COUNTRY HOLLOW 2ND ADDITION**  
 PHASE 1

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**TITLE SHEET**

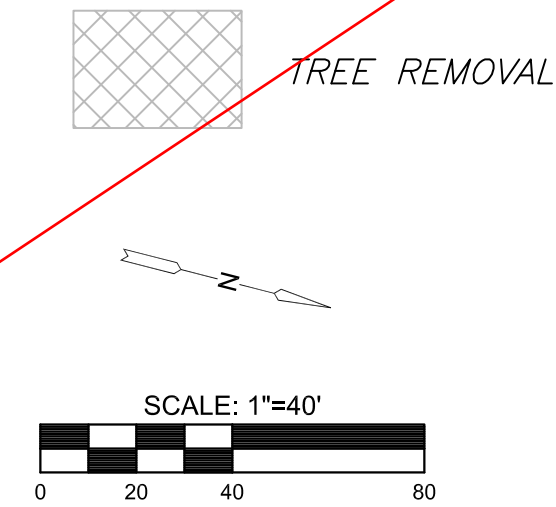
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DATE	MAR 2019	
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DESIGNED	DRAWN	CHECKED
SLF	RWB	SLF
NO.	REVISION	DATE
SHEET NO.		
01 OF 14		

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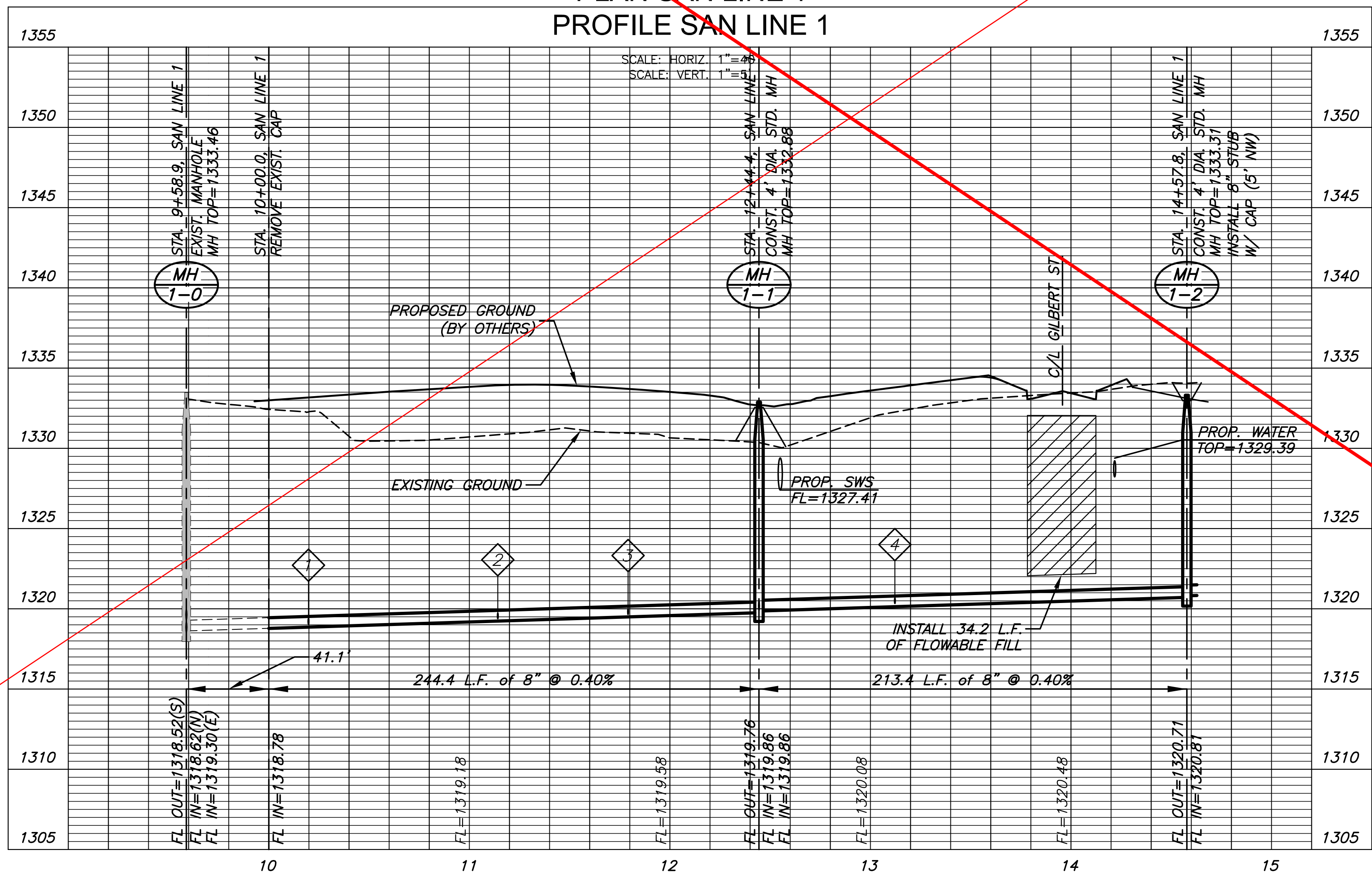


SEWER SERVICE RISER TABLE							FOR INFORMATION ONLY	
NO.	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
1	4" TEE CONNECTION	4	1	1	10+20	LT	12.75'	22.5'
2	4" TEE CONNECTION	3	1	1	11+14	LT	13.00'	18'
3	4" TEE CONNECTION	2	1	1	11+79	LT	12.00'	16'
4	4" TEE CONNECTION	1	1	1	13+12	LT	12.25'	22'

- NOTE:**
- CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  - UNLESS OTHERWISE SPECIFIED, TRENCHES TO BE BACKFILLED WITH SAND AND FLUSHED WHEN SEWER LINE RUNS ALONG FRONT OF LOTS. (LINE 1, STA. 10+00.0 TO 13+60.0)



**PLAN SAN LINE 1  
PROFILE SAN LINE 1**



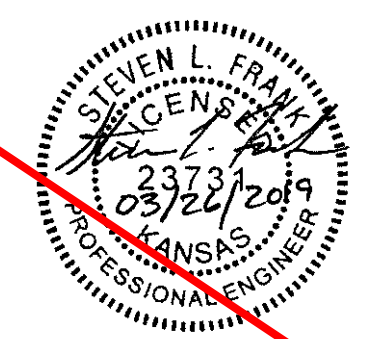
SEE REVISED SHEET



SANITARY SEWER PLANS FOR  
**COUNTRY HOLLOW 2ND ADDITION**  
 PHASE 1

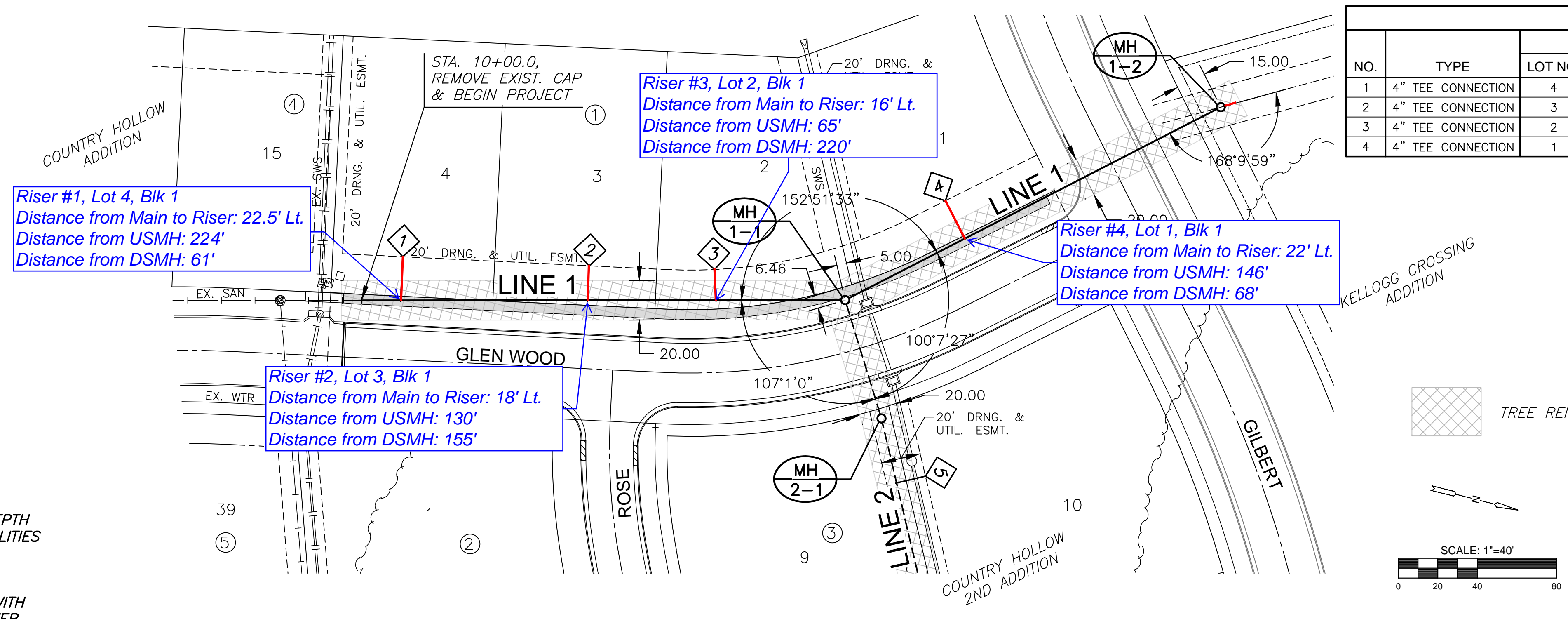
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LINE 1	
PROJECT NO.	468-84105
DATE	MAR 2019
SCALE	1" = 40'
DESIGNED	DRAWN
SLF	RWB
CHECKED	SLF
NO.	REVISION
DATE	
SHEET NO.	
05 OF 14	



PLOTTED: Friday, April 19, 2019 @ 09:22AM

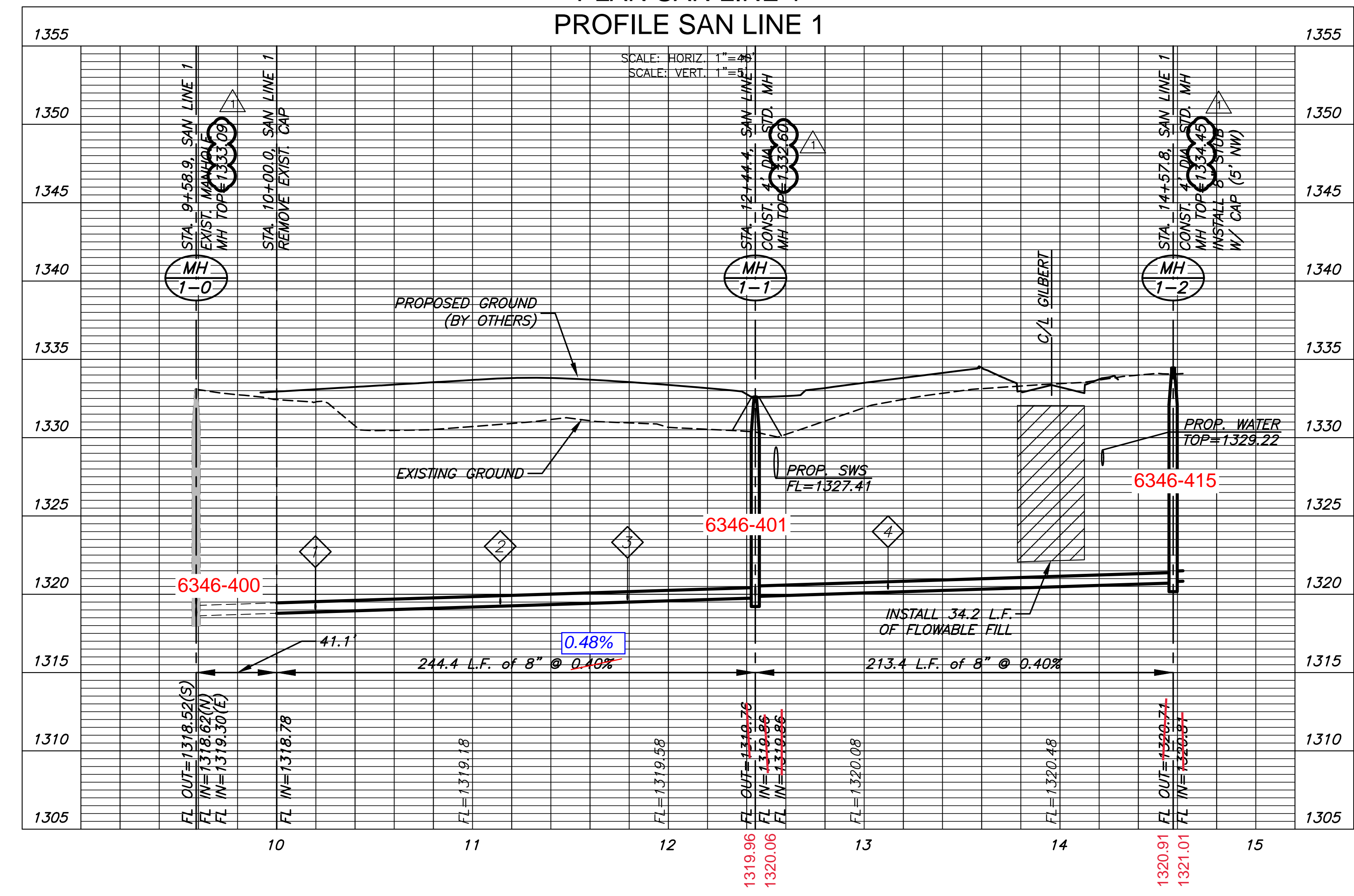
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SEWER SERVICE RISER TABLE							FOR INFORMATION ONLY	
NO.	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
1	4" TEE CONNECTION	4	1	1	10+20	LT	12.75'	22.5'
2	4" TEE CONNECTION	3	1	1	11+14	LT	13.00'	18'
3	4" TEE CONNECTION	2	1	1	11+79	LT	12.00'	16'
4	4" TEE CONNECTION	1	1	1	13+12	LT	12.25'	22'

- NOTE:**
- CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  - UNLESS OTHERWISE SPECIFIED, TRENCHES TO BE BACKFILLED WITH SAND AND FLUSHED WHEN SEWER LINE RUNS ALONG FRONT OF LOTS. (LINE 1, STA. 10+00.0 TO 13+60.0)

PLAN SAN LINE 1  
PROFILE SAN LINE 1

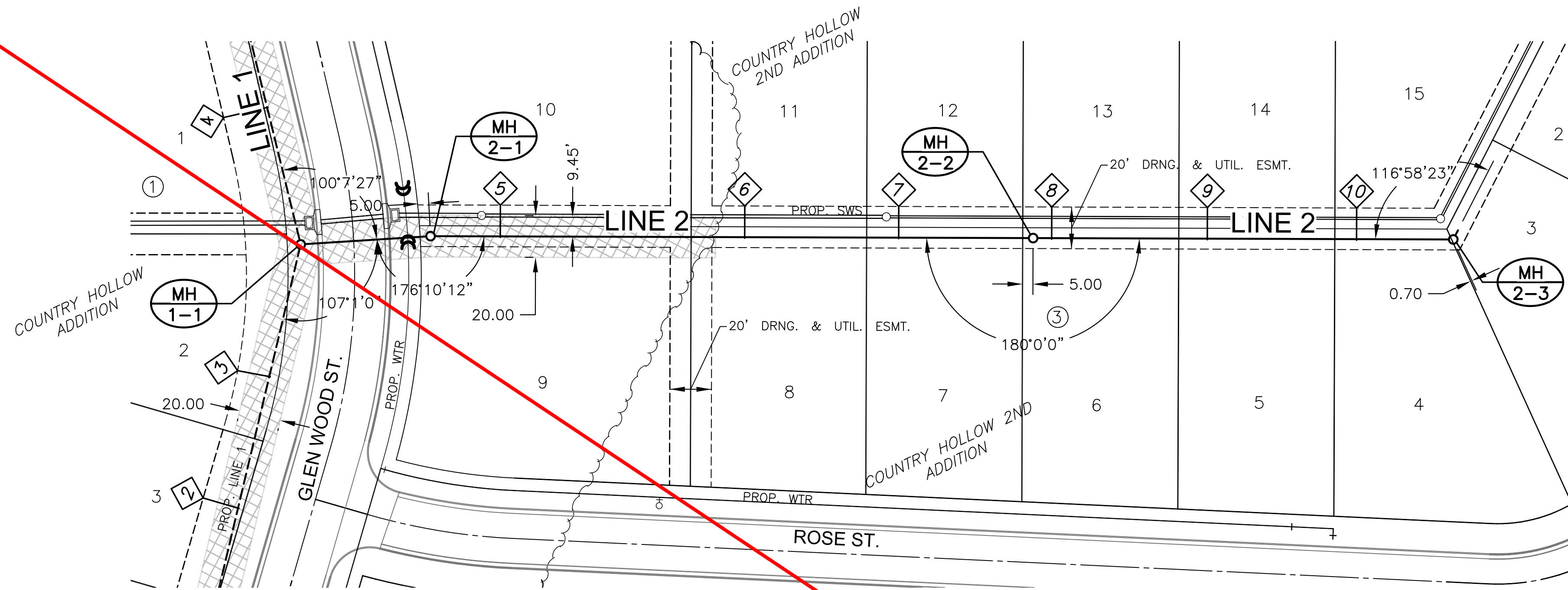


SANITARY SEWER PLANS FOR  
**COUNTRY HOLLOW 2ND ADDITION**  
 PHASE 1

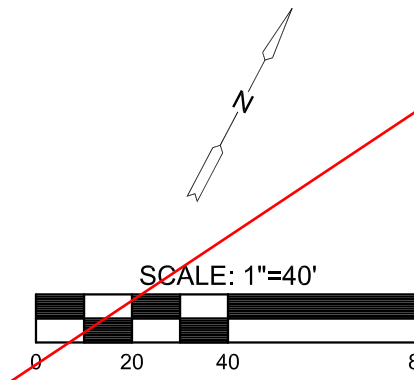
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LINE 1	
PROJECT NO.	468-84105
DATE	MAR 2019
SCALE	1" = 40'
DESIGNED	DRAWN
SLF	RWB
CHECKED	SLF
NO.	REVISION
1	MH TOPS
	DATE
	04/19/19
SHEET NO.	
05 OF 14	

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 PLOTTED: Tuesday, March 26, 2019 @ 03:14 PM

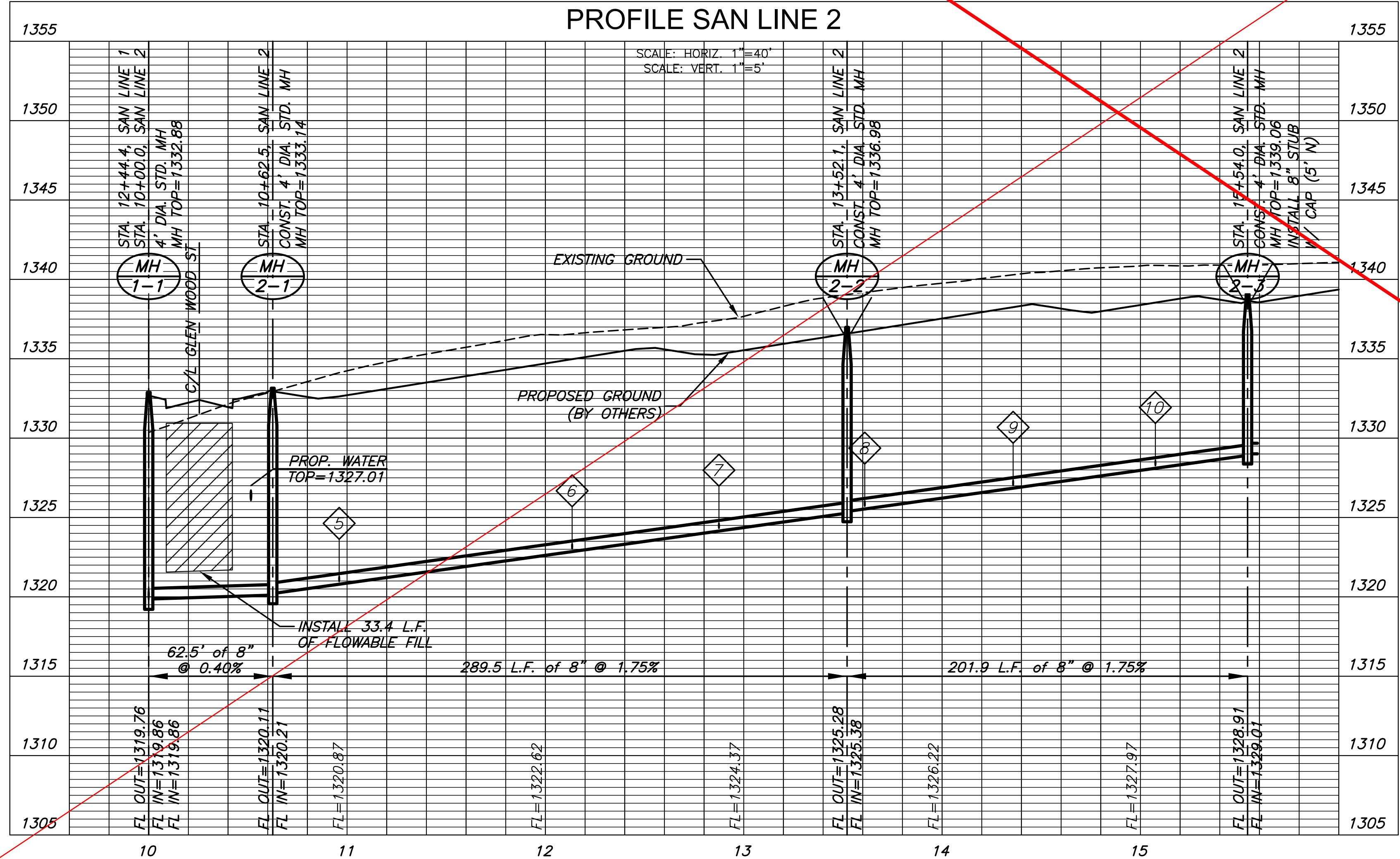


NO.	TYPE	LOCATION				DIRECTION	FOR INFORMATION ONLY	
		LOT NO.	BLOCK NO.	LINE NO.	STATION		APPROXIMATE LENGTH	APPROXIMATE LENGTH
5	4" TEE CONNECTION	10	3	2	10+96	LT	11.00'	15'
6	4" TEE CONNECTION	11	3	2	12+13	LT	11.25'	15'
7	4" TEE CONNECTION	12	3	2	12+88	LT	10.75'	15'
8	4" TEE CONNECTION	13	3	2	13+61	LT	10.75'	15'
9	4" TEE CONNECTION	14	3	2	14+36	LT	11.00'	15'
10	4" TEE CONNECTION	15	3	2	15+08	LT	10.00'	15'



**NOTE:**  
 CONTRACTOR TO VERIFY THE  
 DEPTH AND LOCATION OF EXISTING  
 UTILITIES PRIOR TO CONSTRUCTION.

**PLAN SAN LINE 2**  
**PROFILE SAN LINE 2**



SEE REVISED SHEET



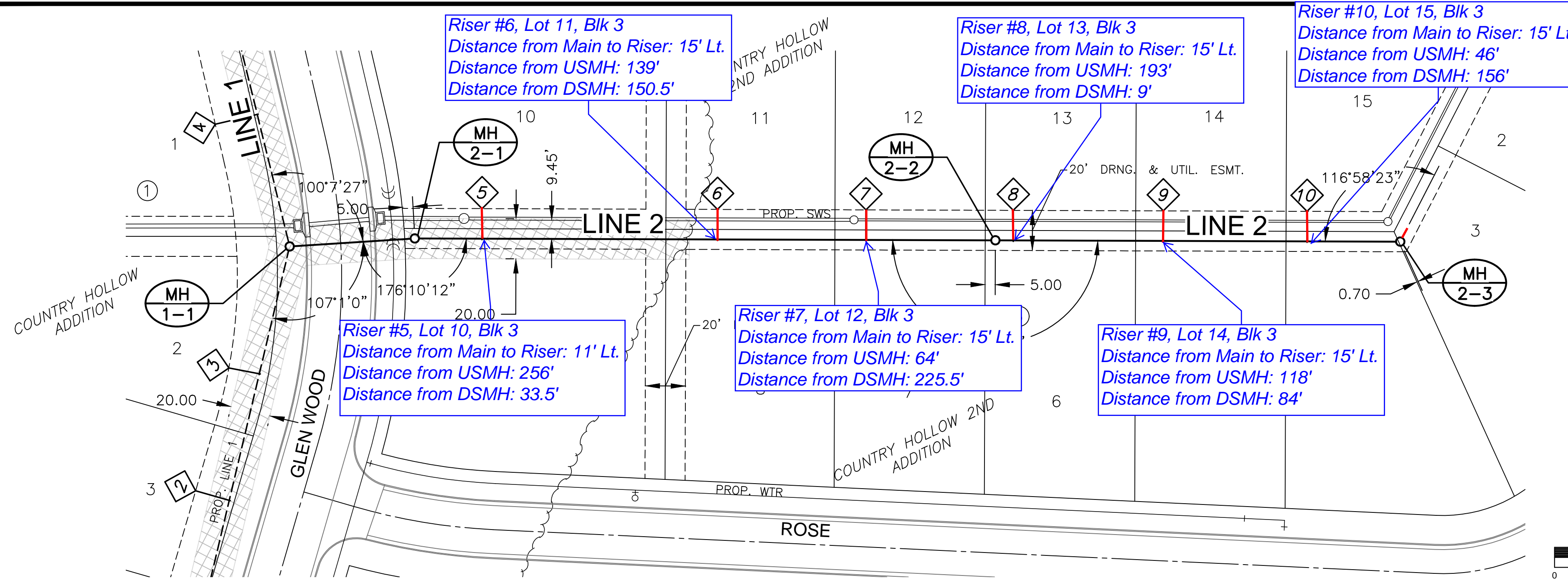
SANITARY SEWER PLANS FOR  
**COUNTRY HOLLOW 2ND ADDITION**  
 PHASE 1

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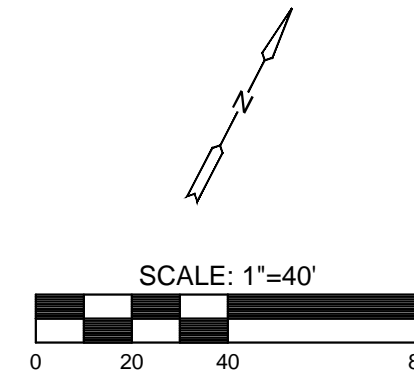
LINE 2	
PROJECT NO.	468-84105
DATE	MAR 2019
SCALE	1" = 40'
DESIGNED	DRAWN
SLF	RWB
CHECKED	SLF
NO.	REVISION
DATE	
SHEET NO.	
06 OF 14	



PLOTTED: Friday, April 19, 2019 @ 09:33AM

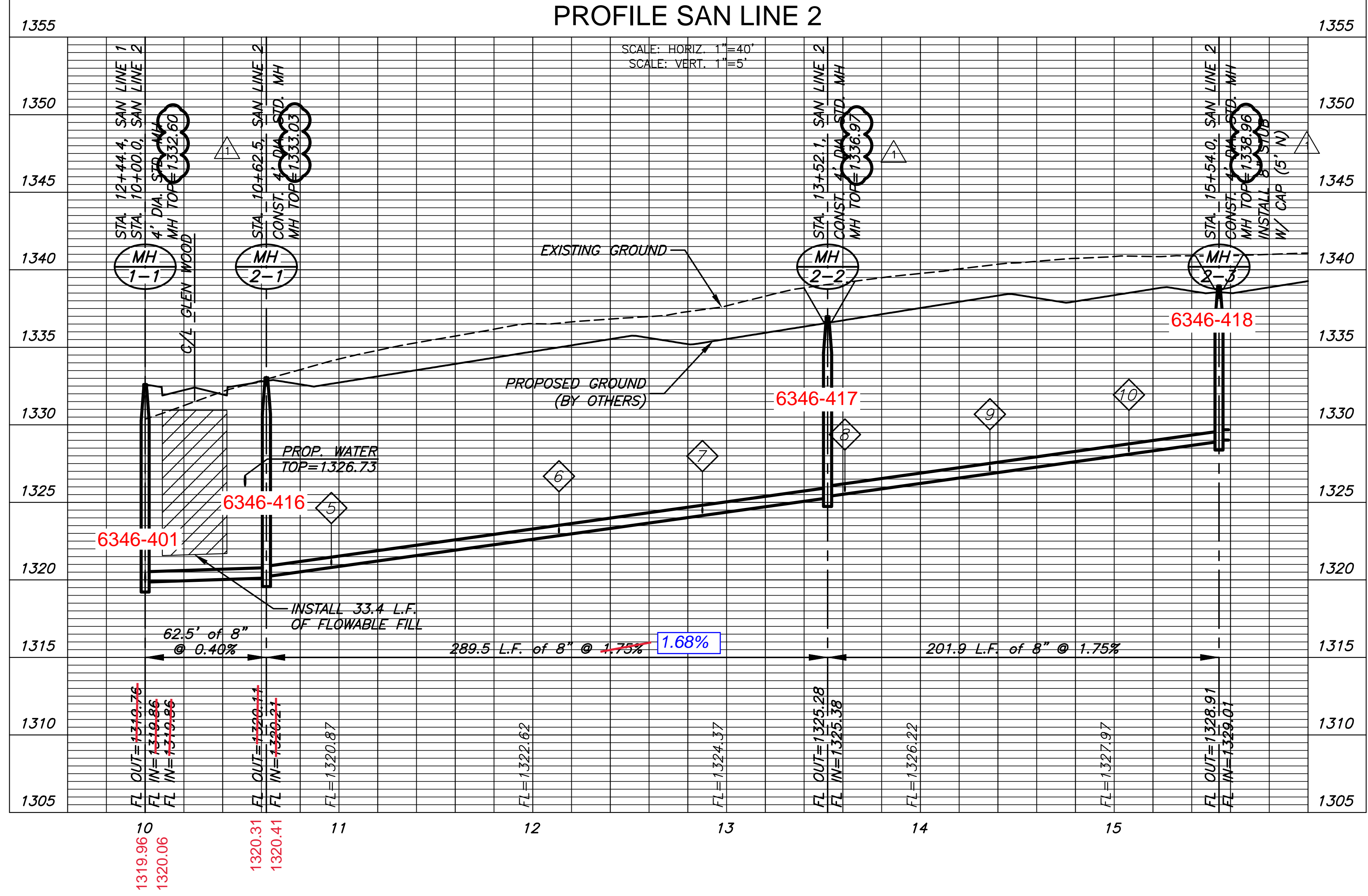


SEWER SERVICE RISER TABLE							FOR INFORMATION ONLY	
NO.	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
5	4" TEE CONNECTION	10	3	2	10+96	LT	11.00'	15'
6	4" TEE CONNECTION	11	3	2	12+13	LT	11.25'	15'
7	4" TEE CONNECTION	12	3	2	12+88	LT	10.75'	15'
8	4" TEE CONNECTION	13	3	2	13+61	LT	10.75'	15'
9	4" TEE CONNECTION	14	3	2	14+36	LT	11.00'	15'
10	4" TEE CONNECTION	15	3	2	15+08	LT	10.00'	15'



NOTE:  
CONTRACTOR TO VERIFY THE  
DEPTH AND LOCATION OF EXISTING  
UTILITIES PRIOR TO CONSTRUCTION.

PLAN SAN LINE 2  
PROFILE SAN LINE 2



SANITARY SEWER PLANS FOR  
**COUNTRY HOLLOW 2ND ADDITION**  
PHASE 1

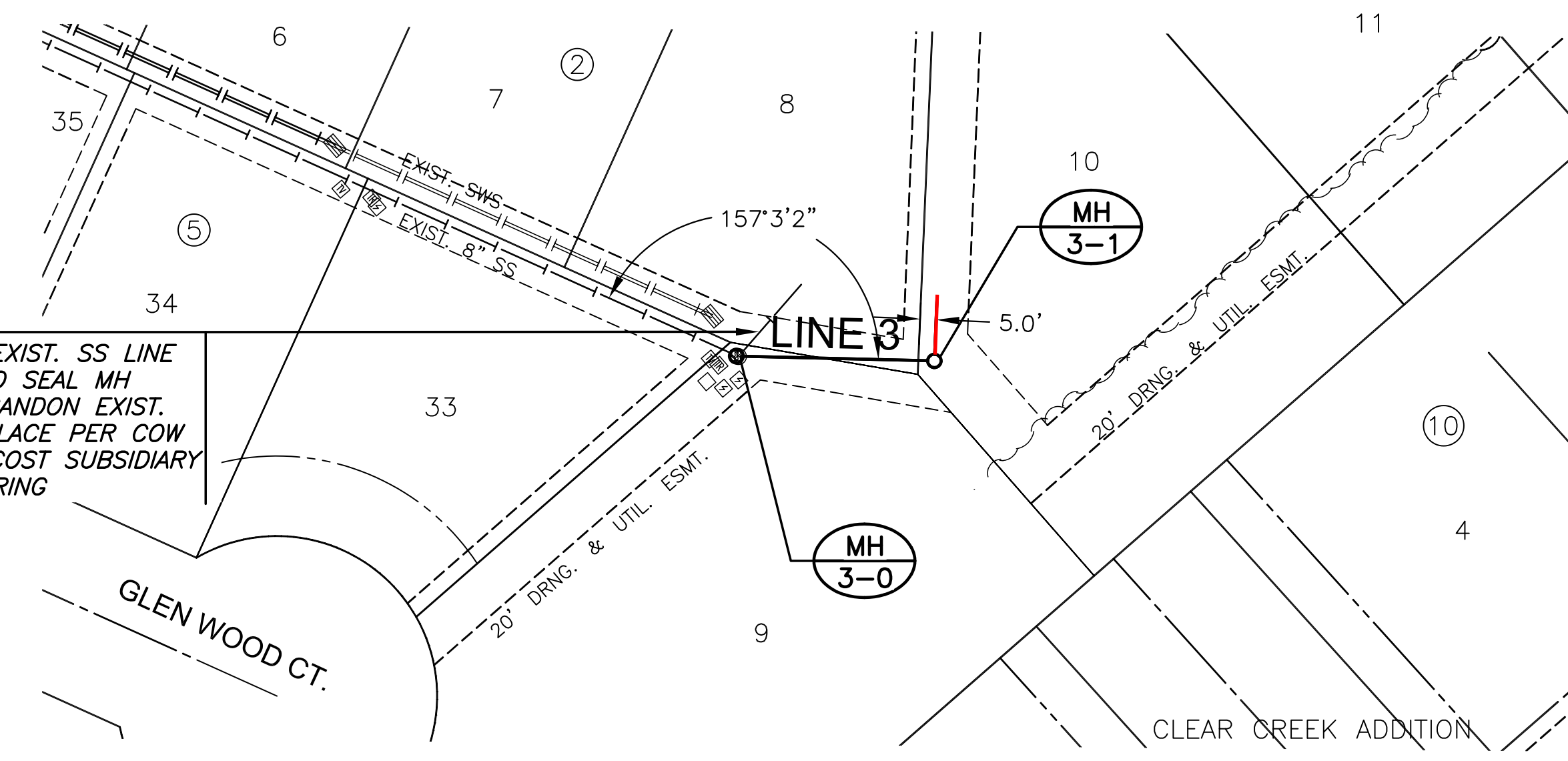
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LINE 2	
PROJECT NO.	468-84105
DATE	MAR 2019
SCALE	1" = 40'
DESIGNED	DRAWN
SLF	RWB
CHECKED	SLF
NO.	REVISION
1	MH TOPS
	DATE
	04/19/19
SHEET NO.	
06 OF 14	

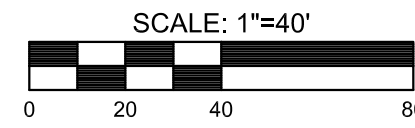
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PLOTTED: Tuesday, March 26, 2019 @ 03:15PM

DISCONNECT EXIST. SS LINE FROM MH AND SEAL MH OPENING. ABANDON EXIST. SS LINE IN PLACE PER COW STD. SPEC., COST SUBSIDIARY TO SITE CLEARING

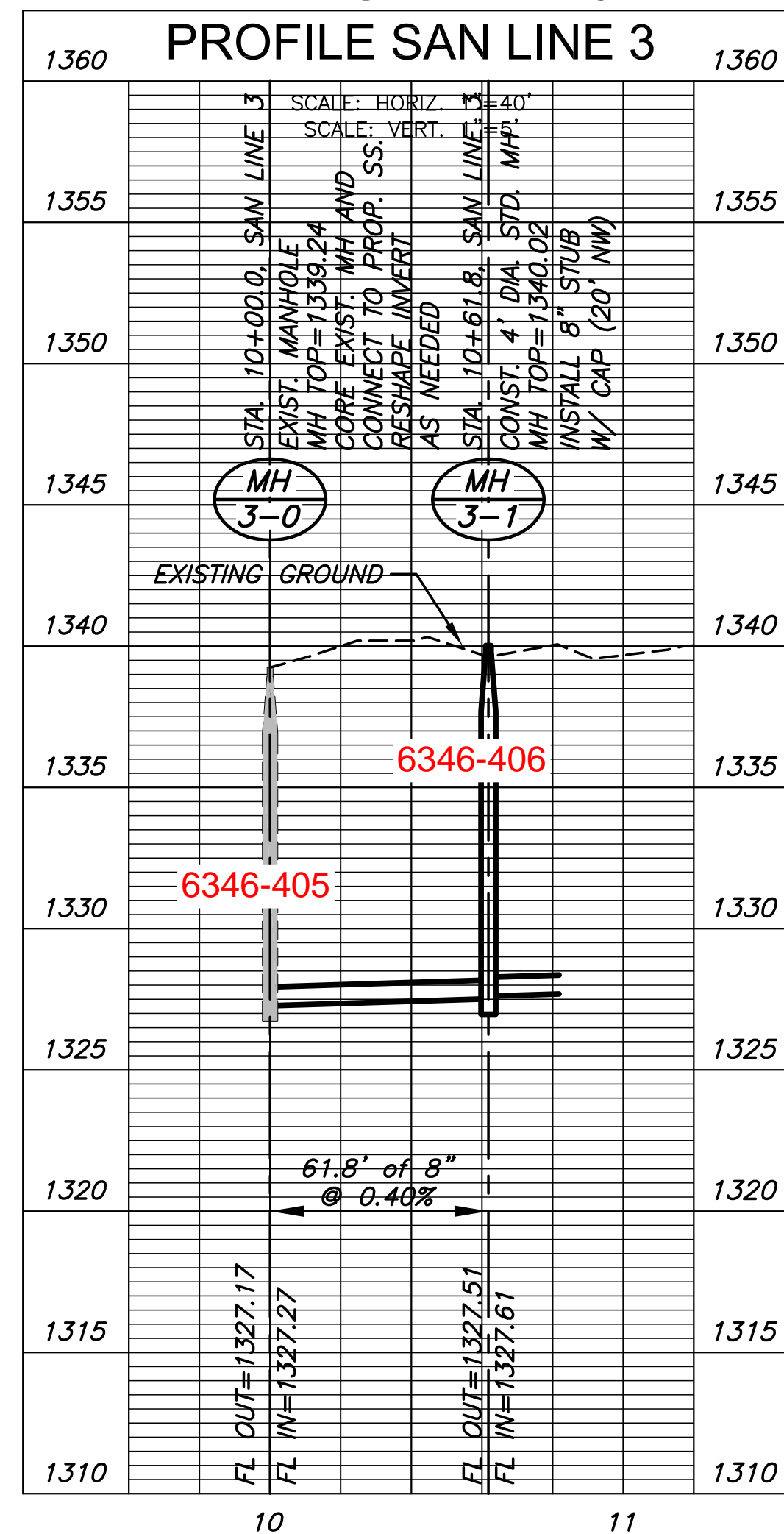


Found Lot 9 sewer service tied into existing stub and MH 3-0. Connected service to new line at sta 10+00.



NOTE: CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

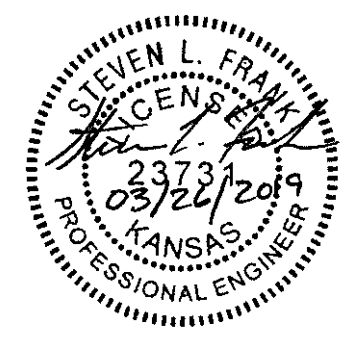
PLAN SAN LINE 3  
PROFILE SAN LINE 3



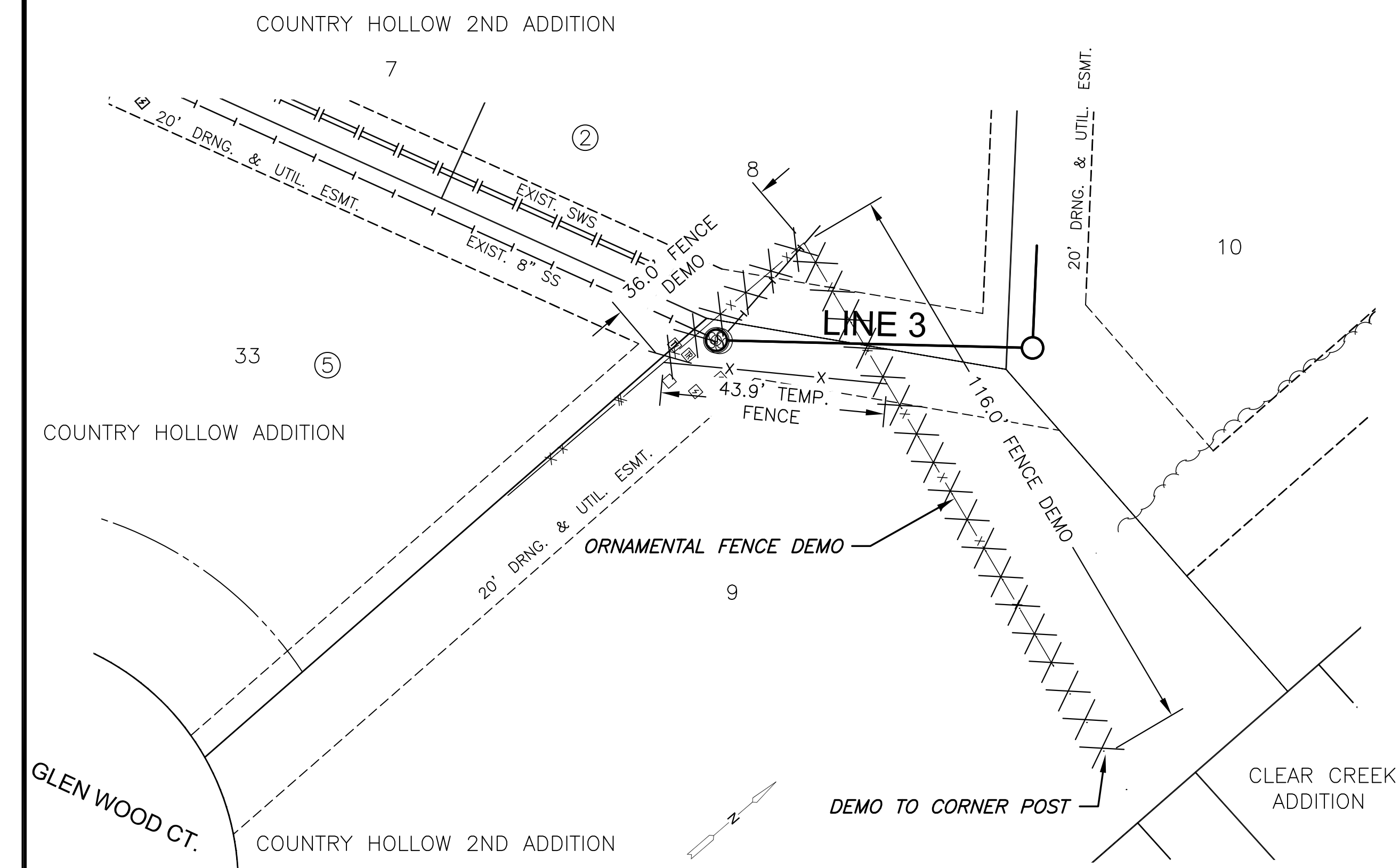
20' STUB:  
20' STUB IS INCLUDED IN 8" SS PIPE BID ITEM, NOT THE 8" PIPE STUB.

FENCING NOTES:

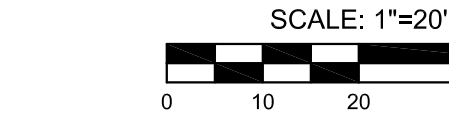
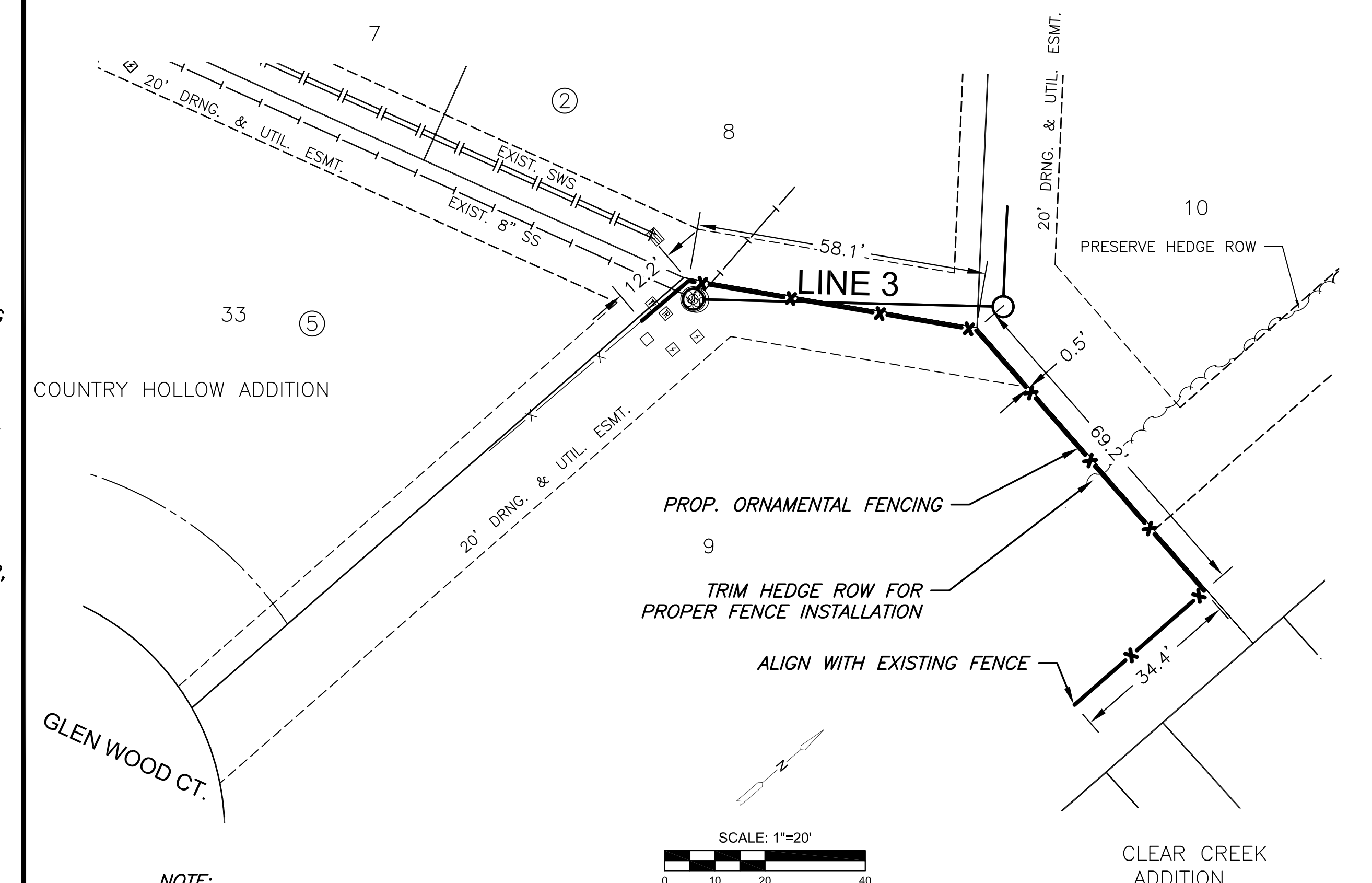
1. CONTRACTOR SHALL OBTAIN PERMISSION TO ACCESS THE THE BACKYARD OF LOT #9. THE LOT OWNER HAS PETS THAT UTILIZE THE BACKYARD.
2. AFTER OBTAINING PERMISSION, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY FENCING ALLOWING FOR THE REMOVAL OF A PORTION OF THE EXISTING FENCING ALONG THE BACK PROPERTY LINE AND EASEMENT. TEMPORARY FENCE SHALL BE DURABLE ENOUGH TO ENSURE PETS DON'T LEAVE THE PROPERTY. CONTRACTOR TO PROVIDE SHOP DRAWING FOR TEMPORARY FENCE TO THE LOT OWNER, DEVELOPER, AND CITY OF WICHITA FOR APPROVAL.
3. CONTRACTOR SHALL REMOVE THE EXISTING FENCE IN ORDER TO COMPLETE THE SANITARY SEWER INSTALLATION.
4. AFTER CONSTRUCTION OF SS LINE 3, CONTRACTOR TO COORDINATE WITH LOT OWNER TO REMOVE REMAINING EXISTING FENCE SHOWN IN DETAIL 1, GRADE AREA WITHIN LOT #9 TO ENSURE DRAINAGE OFF THE PROPERTY.
7. CONTRACTOR SHALL PROVIDE THE LOT OWNER, DEVELOPER, AND CITY OF WICHITA WITH A FENCE SUBMITTAL FOR APPROVAL. THE NEW FENCE SHALL SUBSTANTIALLY MATCH EXISTING ORNAMENTAL FENCE.
8. THE NEW FENCE SHALL NOT BE INSTALLED WITHOUT PERMISSION FROM THE LOT OWNER AND DEVELOPER.
9. LOT OWNER SHALL BE RESPONSIBLE FOR ALL IRRIGATION ADDITION/MODIFICATIONS AND SODDING/SEEDING OUTSIDE OF THE EASEMENT.
10. TREE TRIMMING, CLEARING, ETC. TO MATCH EXISTING CONDITIONS ON LOT 9 SHALL BE SUBSIDIARY TO SITE CLEARING.



SANITARY SEWER PLANS FOR  
**COUNTRY HOLLOW 2ND ADDITION**  
PHASE 1



DETAIL 1



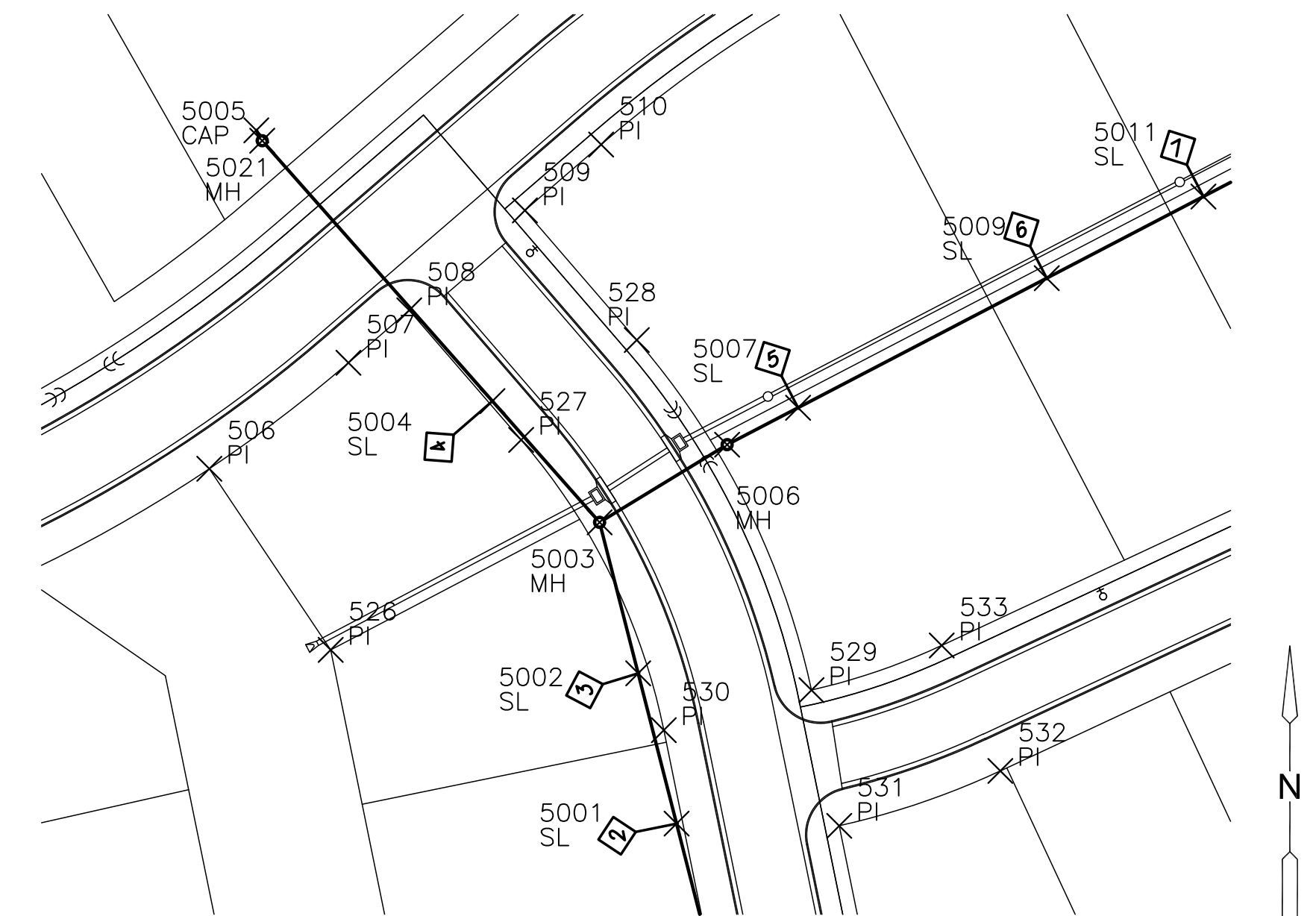
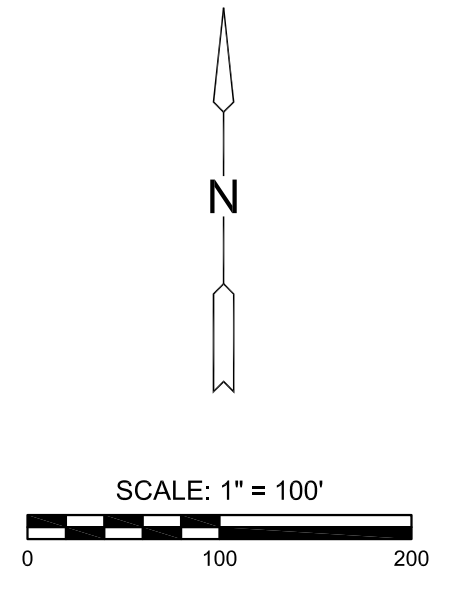
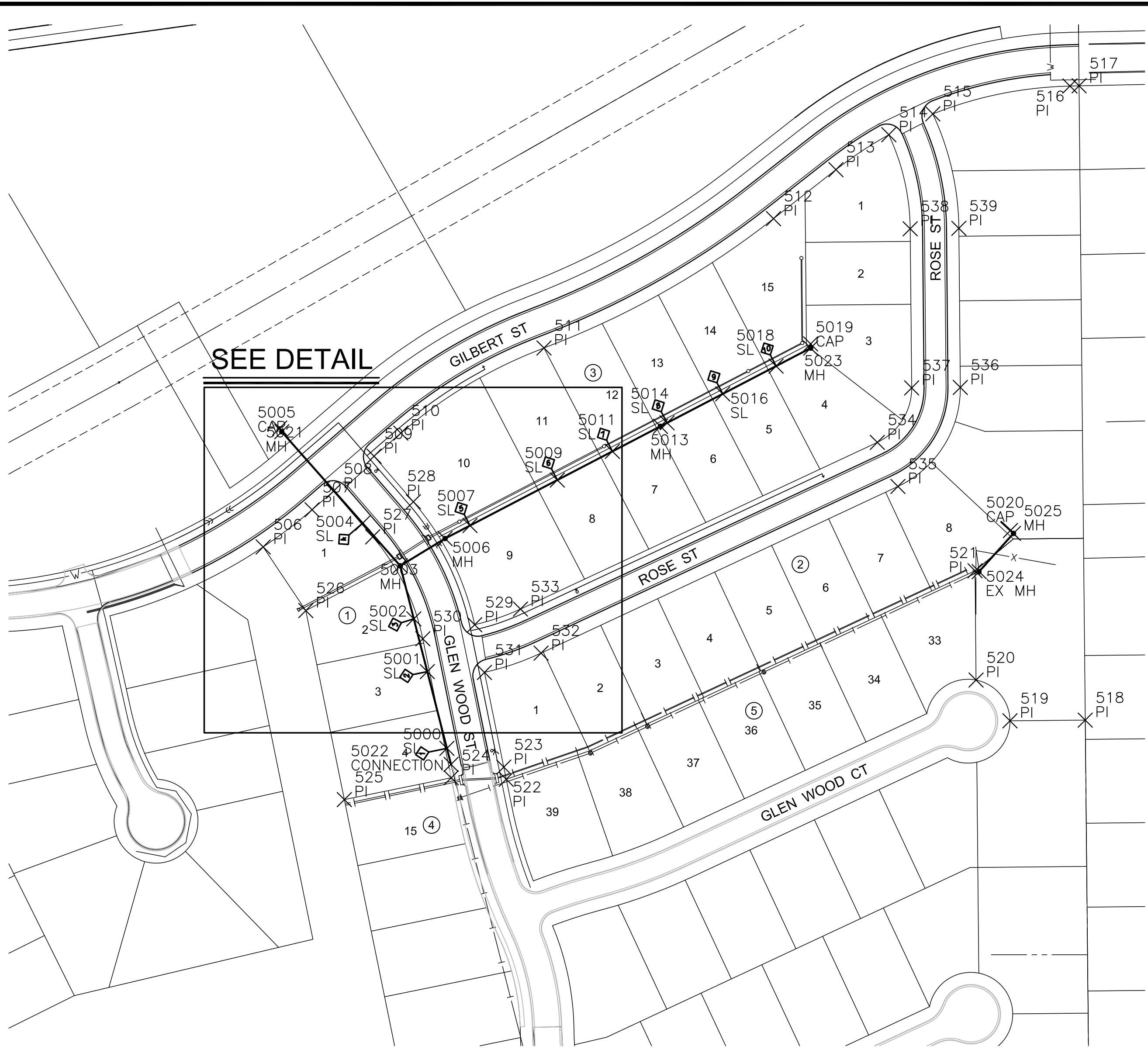
DETAIL 2

NOTE: NEW ORNAMENTAL FENCING SHALL BE INSTALLED 0.5' INSIDE PROPERTY LINE.

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LINE 3	
PROJECT NO.	468-84105
DATE	MAR 2019
SCALE	1" = 40'
DESIGNED	DRAWN
SLF	RWB
CHECKED	SLF
NO.	REVISION
DATE	
SHEET NO.	
07 OF 14	

PLOTTED: Tuesday, March 26, 2019 @ 03:17PM



**DETAIL**  
SCALE: 1"=60'

PLAT POINTS			
Point #	Northing	Easting	Desc.
506	1682478.64	1693456.22	PI
507	1682523.04	1693514.48	PI
508	1682545.02	1693539.94	PI
509	1682586.85	1693588.38	PI
510	1682614.43	1693620.33	PI
511	1682715.94	1693791.01	PI
512	1682870.14	1694064.66	PI
513	1682928.55	1694139.07	PI
514	1682970.29	1694202.16	PI
515	1682995.08	1694254.59	PI
516	1683028.30	1694418.10	PI
517	1683028.54	1694429.00	PI
518	1682272.19	1694436.34	PI
519	1682271.35	1694346.61	PI
520	1682319.97	1694306.16	PI
521	1682450.27	1694304.94	PI
522	1682201.69	1693746.03	PI

PLAT POINTS			
Point #	Northing	Easting	Desc.
523	1682216.17	1693743.08	PI
524	1682203.38	1693680.37	PI
525	1682177.40	1693552.99	PI
526	1682402.76	1693507.03	PI
527	1682490.72	1693586.82	PI
528	1682532.55	1693635.26	PI
529	1682385.90	1693708.44	PI
530	1682369.13	1693646.57	PI
531	1682329.07	1693720.05	PI
532	1682352.06	1693787.52	PI
533	1682404.61	1693762.97	PI
534	1682603.36	1694188.47	PI
535	1682550.81	1694213.01	PI
536	1682668.89	1694287.41	PI
537	1682668.35	1694229.41	PI
538	1682858.05	1694227.65	PI
539	1682858.59	1694285.64	PI

SANITARY POINTS			
Point #	Northing	Easting	Desc.
5000	1682238.52	1693675.29	SL
5001	1682330.00	1693651.92	SL
5002	1682392.94	1693635.83	SL
5003	1682456.18	1693619.67	MH
5004	1682506.96	1693574.79	SL
5005	1682620.40	1693475.89	CAP
5006	1682488.72	1693673.09	MH
5007	1682504.20	1693702.79	SL
5009	1682558.47	1693806.96	SL
5011	1682592.66	1693872.59	SL
5013	1682622.51	1693929.88	MH
5014	1682626.63	1693937.79	SL
5016	1682661.18	1694004.14	SL
5018	1682694.31	1694067.76	SL
5019	1682720.77	1694108.92	CAP
5020	1682498.25	1694347.15	CAP
5021	1682616.05	1693478.37	MH
5022	1682219.38	1693680.18	CONNECTION
5023	1682715.80	1694108.96	MH
5024	1682449.22	1694309.88	EX MH
5025	1682494.86	1694350.77	MH

**CONTROL POINTS**

DATUM:  
THE HORIZONTAL DATUM IS BASED ON THE KANSAS COORDINATE SYSTEM OF 1983(2011), SOUTH ZONE. COORDINATES SHOWN HAVE BEEN MODIFIED TO THE GROUND USING A COMBINED ADJUSTMENT FACTOR OF 1.0001200144.

ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 88 VERTICAL DATUM.

**CONTROL POINTS:**

- CP2,  
N:1682513.937 E:1694380.13 EL:1338.1  
5/8 BAR 2" ALUM MKEC CAP
- CP3,  
N:1682359.995 E:1693840.826 EL:1335.39  
5/8 BAR 2" ALUM MKEC CAP
- CP4,  
N:1683046.711 E:1694574.106 EL:1325.059  
CHISELED "X"
- CP5,  
N:1682775.750 E:1693768.393 EL:1336.853  
5/8 BAR MKEC CLS39 CAP
- CP6,  
N:1682391.904 E:1692962.388 EL:1338.797  
CHISELED "X"
- CP147,  
N:1681902.856 E:1693826.772 EL:1330.88  
5/8 BAR 2" ALUM MKEC CAP

NOTE:  
ALL CONTROL POINTS SHOWN HAVE ELEVATIONS ESTABLISHED BY DIFFERENTIAL LEVELING 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.



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  
**COUNTRY HOLLOW 2ND ADDITION**  
 PHASE 1

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**BUBBLE MAP**

PROJECT NO.	468-84105	
DATE	MAR 2019	
SCALE	AS NOTED	
DESIGNED	RWB	
DRAWN	RWB	
CHECKED	SLF	
NO.	REVISION	DATE

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