

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) 1-800-694-8989
 CITY OF WICHITA WATER & SEWER 1-316-219-8921
 CITY OF WICHITA STORMWATER 1-316-268-4950
 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
- 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 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 CONTRACTOR'S RESPONSIBILITY.
- ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.
- 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, 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>
- ANY EXCESS EXCAVATED MATERIAL SHALL BE STOCKPILED ON SITE. THE COST FOR STOCKPIILING SHALL BE SUBSIDIARY TO SITE CLEARING.
- DEVELOPER FOR THIS PROJECT IS:
 BUFFALO GROVE DEVELOPMENT GROUP, LLC
 CODY SCHROEDER
 7370 E. 37th STREET N.
 WICHITA, KS 67226
 316.305.4990

SANITARY SEWER IMPROVEMENTS

TO SERVE

BUFFALO GROVE ADDITION

PROJECT NO. 468-2022-026702

THE CITY OF WICHITA, KANSAS
 GARY JANZEN, P.E. - CITY ENGINEER

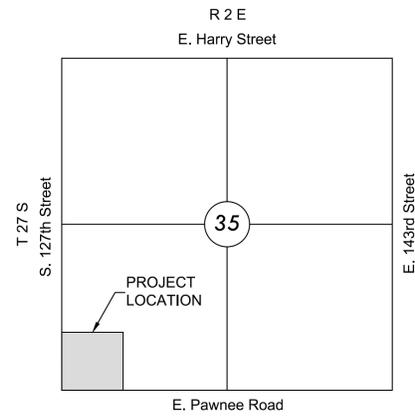
ORG CODE 47267122

MUNIS NO. E2082

Buffalo Grove Addition
 Project # 468-2022-026702
 Org # 47267122
 Munis # E2082

Contractor - Mies
 Foreman - Rodney Wiemar
 Inspector - Roger Skilling
 Engineer - Kyle Kerns

Project built to plans
 No changes were made



VICINITY MAP

No Scale

Release Date (for connection purposes only): 3/15/2023
 Completion Date:
 : apr 5/10/2023

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02-03	CITY SANITARY DETAILS *
04	SAN LINE 1
05-06	SAN LINE 2
07	SAN LINE 3
08	BUBBLE MAP
09-13	BMP SHEETS
14	FINAL PLAT
	* SS-101, SS-102

BENCHMARKS

BM & CP-100
 N:1673873.821 E:1691836.443 EL:1356.26
 MAG NAIL SET IN A FOUND SQUARE CUT ON SOUTH END OF WEIR WALL, 57' NORTH AND 77' WEST OF THE CENTERLINE OF 127TH ST. E. & PAWNEE

CP-101
 N:1674242.41 E:1691958.454 EL:1353.155
 5/8" REBAR WITH ALUMINUM CONTROL CAP

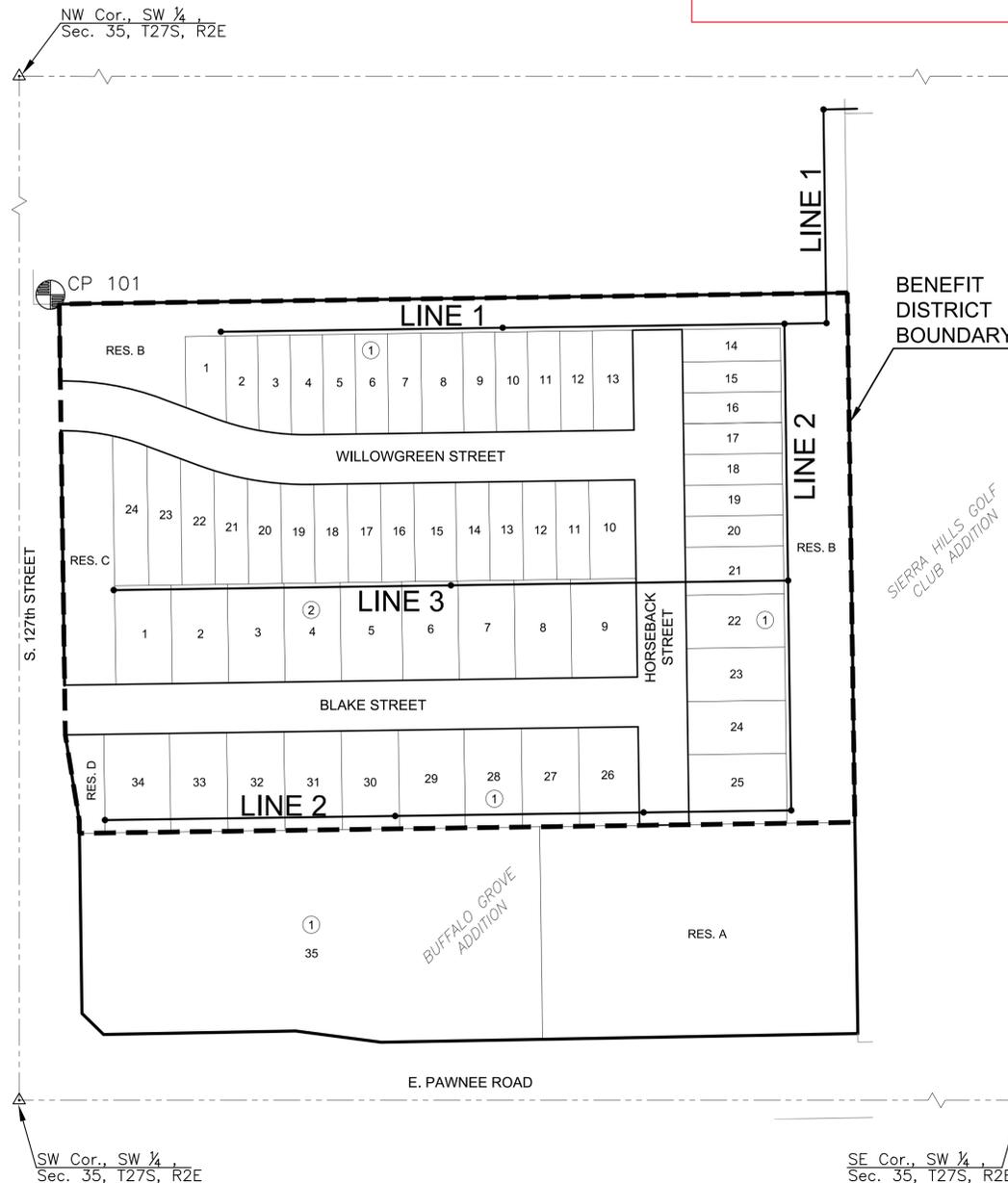
DATUM

The Horizontal Datum is based on the Kansas Coordinate System of 1983, NAD83(2011), EPOCH:2010.0000, South Zone. Coordinates shown have been modified to the ground using a combined adjustment factor of 1.0001200144. State Plane coordinates can be calculated by multiplying the shown values by 0.99988.

All elevations shown are based on the NAVD 88 vertical datum, Geoid12b.

NOTE

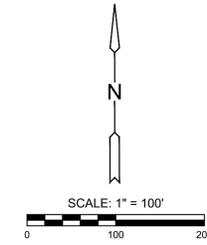
All Control Points shown have elevations established using standard surveying procedures and can be used as temporary benchmarks. When using a Control point as a temporary benchmark, it is recommended that cross-checks be made to other control points or benchmarks to confirm elevations prior to use.



BENEFIT DISTRICT BOUNDARY

SIERRA HILLS GOLF CLUB ADDITION

BUFFALO GROVE ADDITION



SANITARY SEWER PLANS FOR
BUFFALO GROVE ADDITION
 WICHITA, KANSAS

TITLE SHEET

PROJECT NO.	468-2022-026702	
DATE	NOV 2022	
SCALE	1" = 100'	
DESIGNED	DRAWN	CHECKED
KPG	MKEC	KPG
NO.	REVISION	DATE
SHEET NO.		
01 OF 14		

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SAN LINE 1

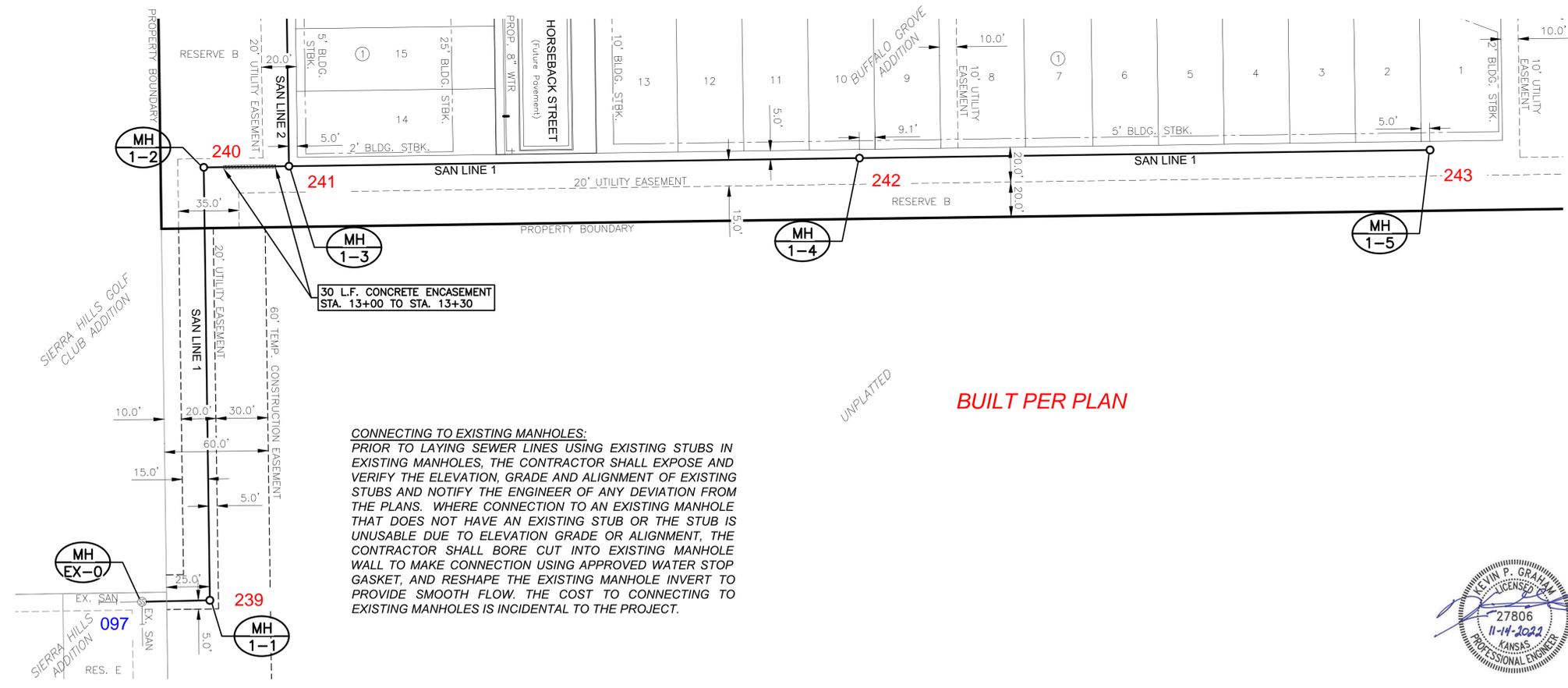
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DATE	NOV 2022	
SCALE	1" = 40'	
DESIGNED	DRAWN	CHECKED
KPG	MKEC	KPG

NO.	REVISION	DATE

SHEET NO.
04 OF 14

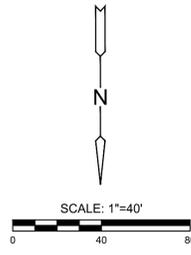
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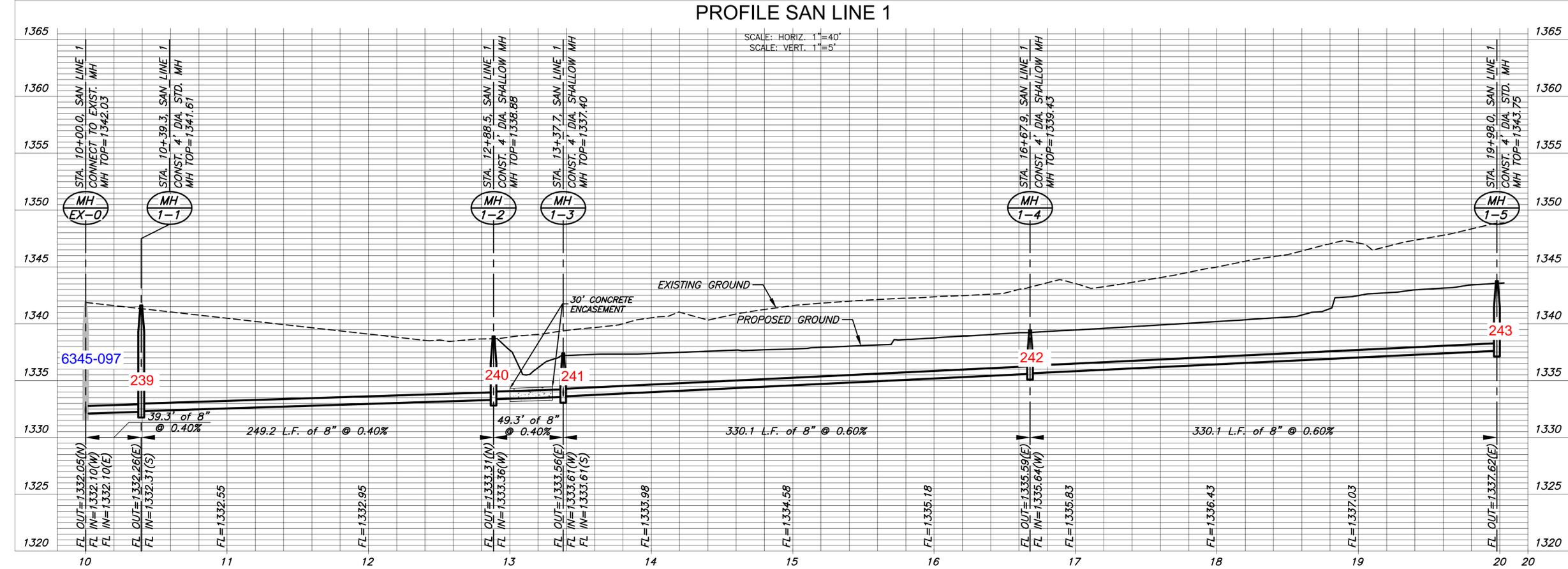


NOTE:
CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

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.



PLAN SAN LINE 1
PROFILE SAN LINE 1



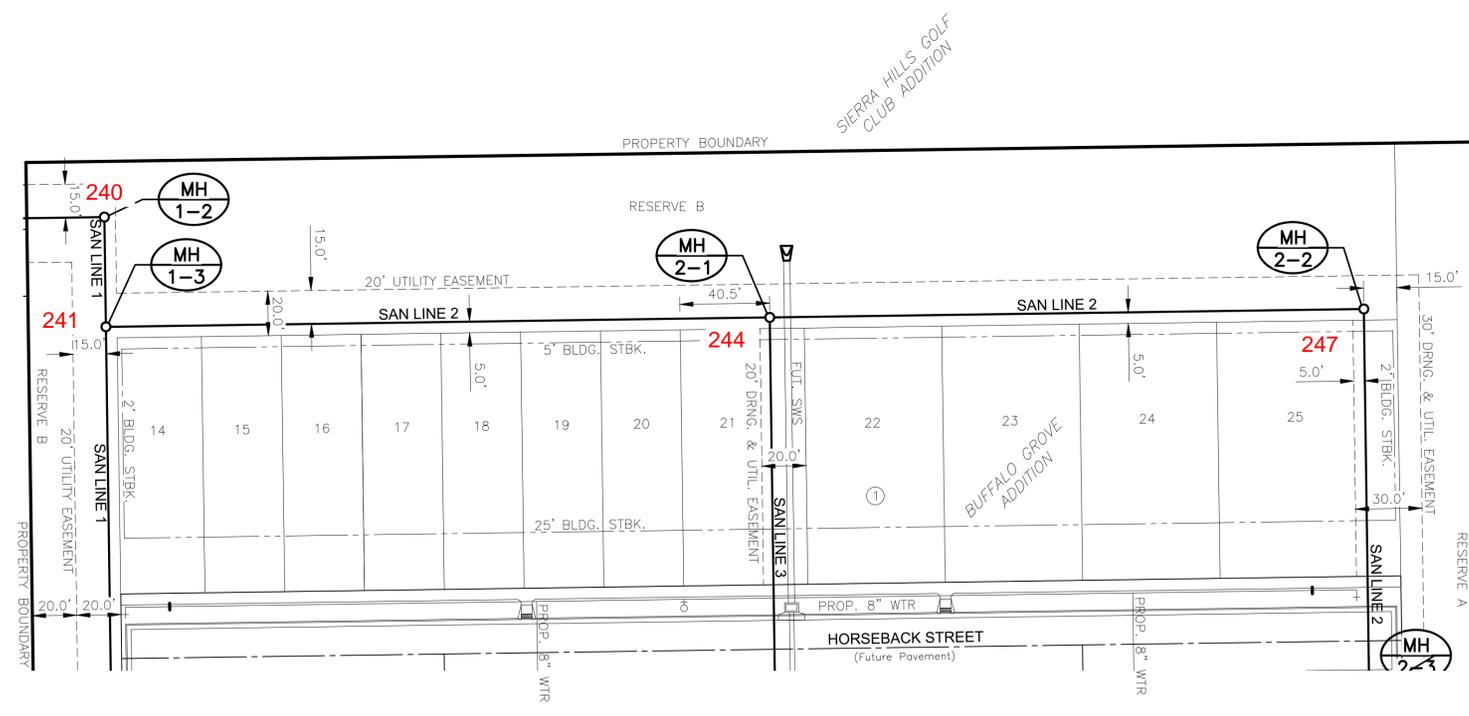
SCALE: HORIZ. 1"=40'
SCALE: VERT. 1"=5'

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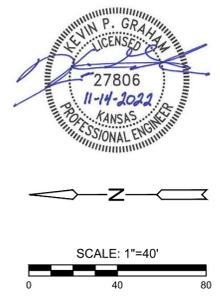
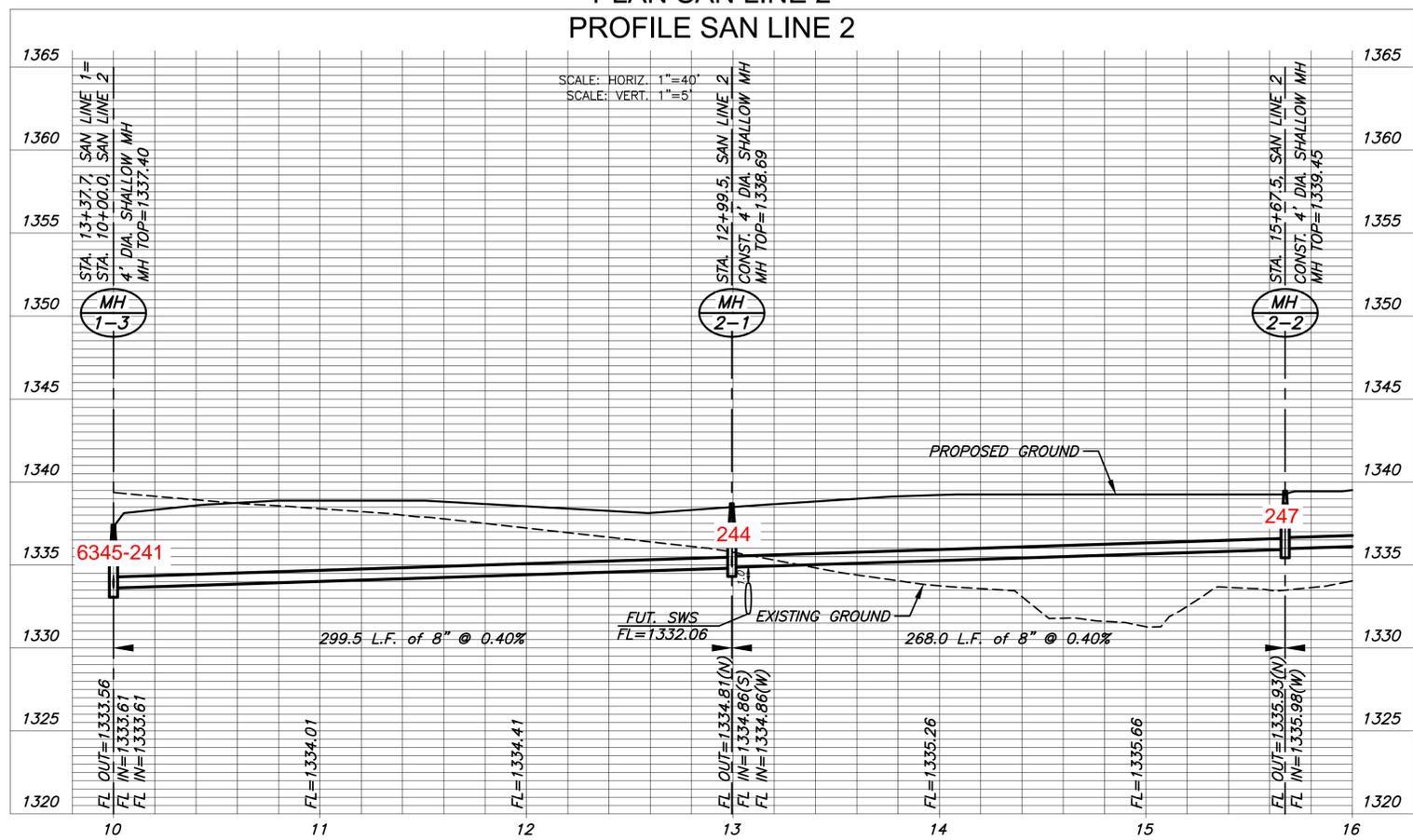
SANITARY SEWER PLANS FOR
BUFFALO GROVE ADDITION
 WICHITA, KANSAS



BUILT PER PLAN

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

PLAN SAN LINE 2
 PROFILE SAN LINE 2



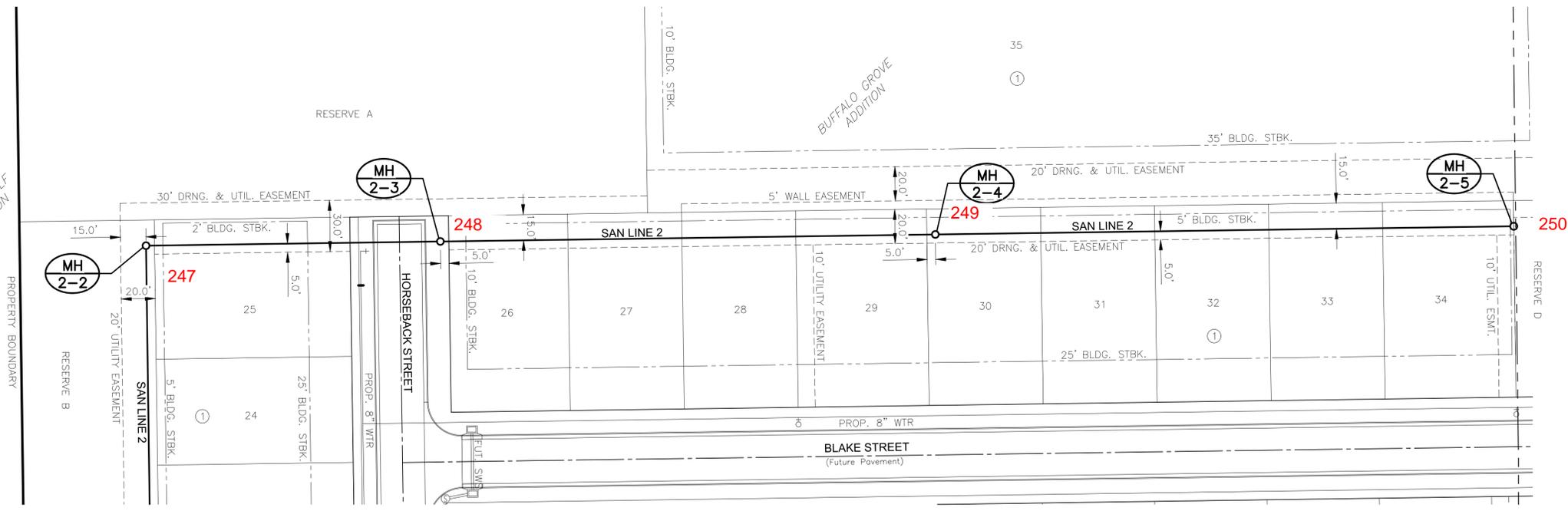
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SAN LINE 2		
PROJECT NO.	468-2022-026702	
DATE	NOV 2022	
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DESIGNED	DRAWN	CHECKED
KPG	MKEC	KPG
NO.	REVISION	DATE
SHEET NO.		
05 OF 14		

PLOTTED: Thursday, November 10, 2022 @ 09:33AM

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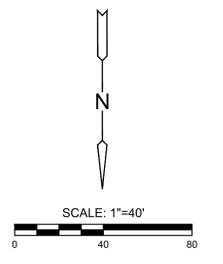
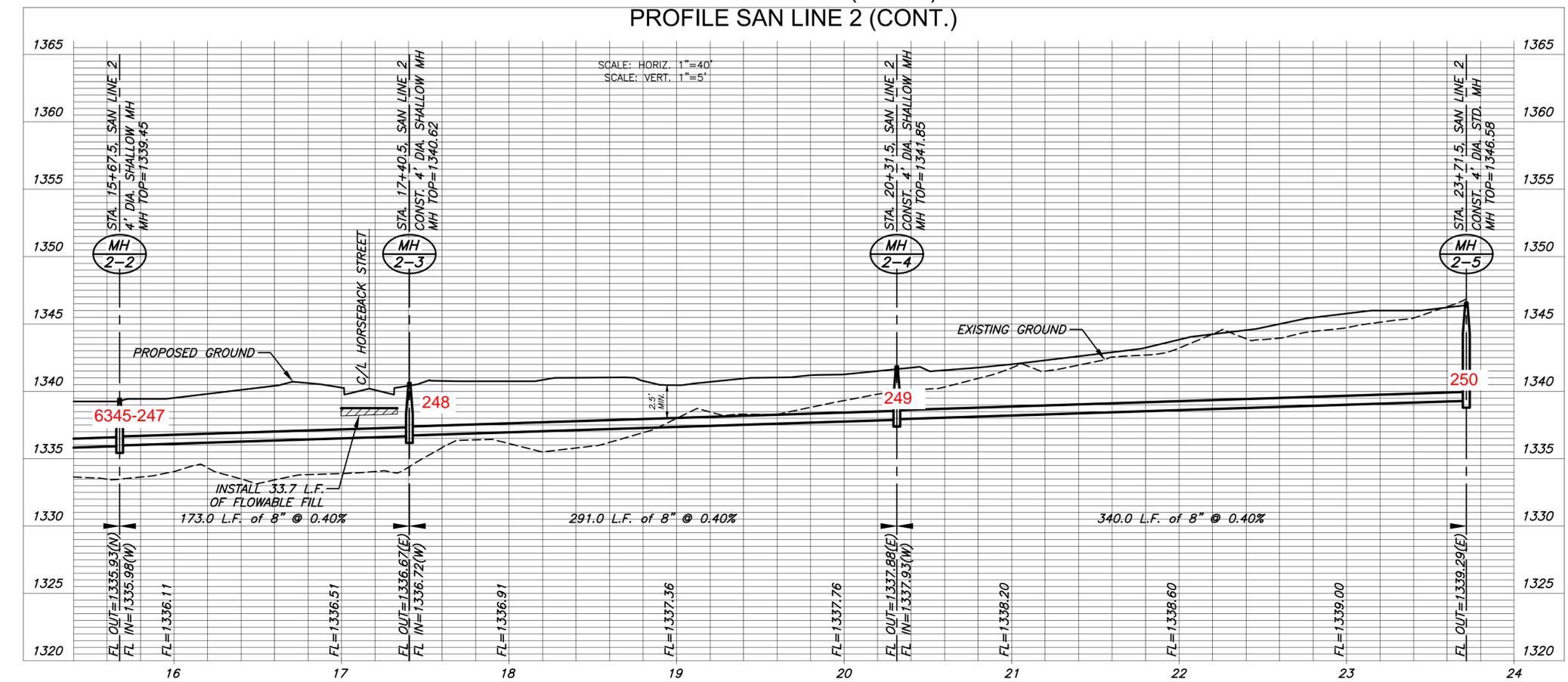
SIERRA HILLS GOLF CLUB ADDITION



BUILT PER PLAN

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

PLAN SAN LINE 2 (CONT.)
PROFILE SAN LINE 2 (CONT.)



SANITARY SEWER PLANS FOR
BUFFALO GROVE ADDITION
WICHITA, KANSAS

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SAN LINE 2		
PROJECT NO.	468-2022-026702	
DATE	NOV 2022	
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DESIGNED	DRAWN	CHECKED
KPG	MKEC	KPG
NO.	REVISION	DATE
SHEET NO. 06 OF 14		

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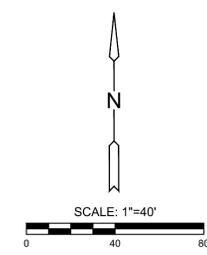
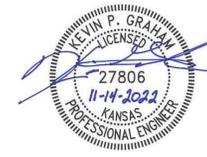
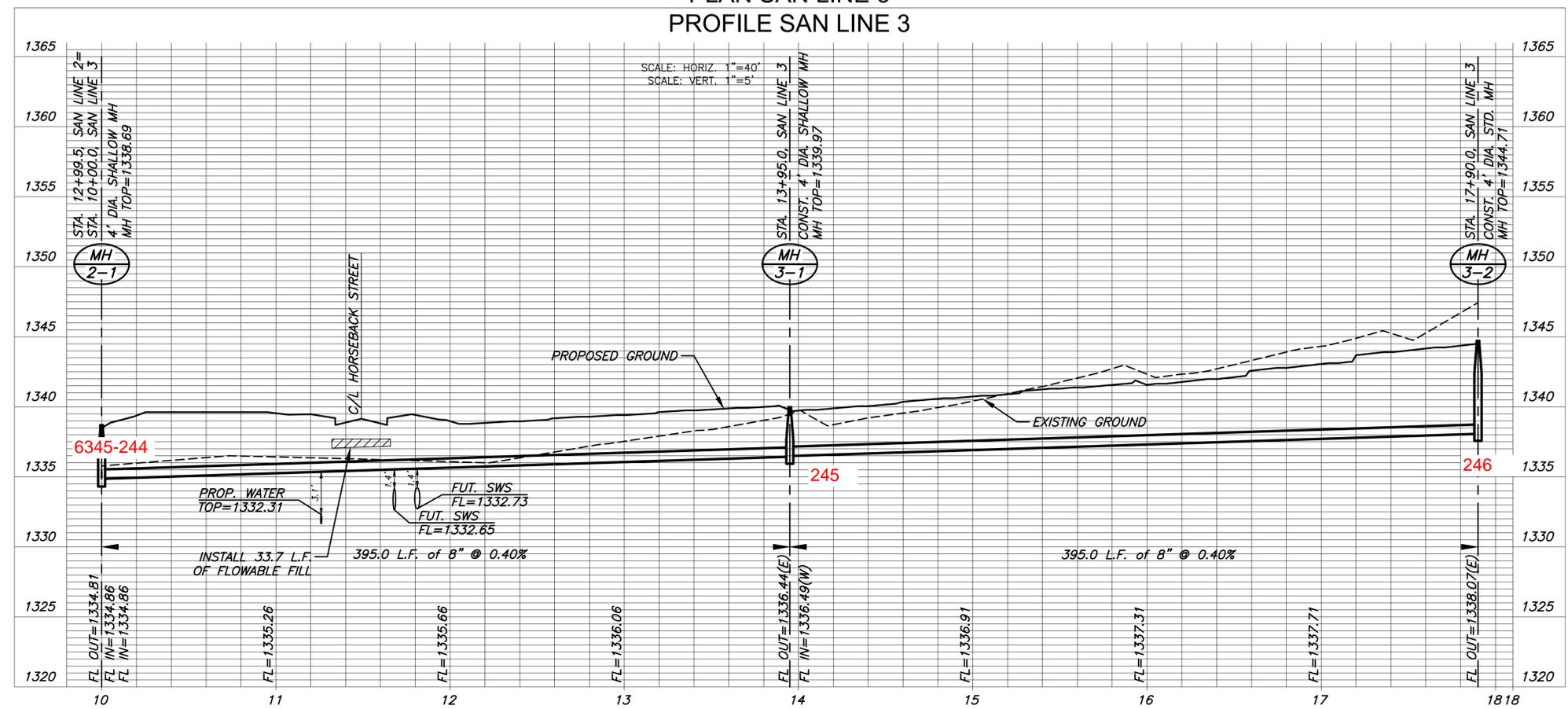


SANITARY SEWER PLANS FOR
BUFFALO GROVE ADDITION
 WICHITA, KANSAS



BUILT PER PLAN

PLAN SAN LINE 3
 PROFILE SAN LINE 3

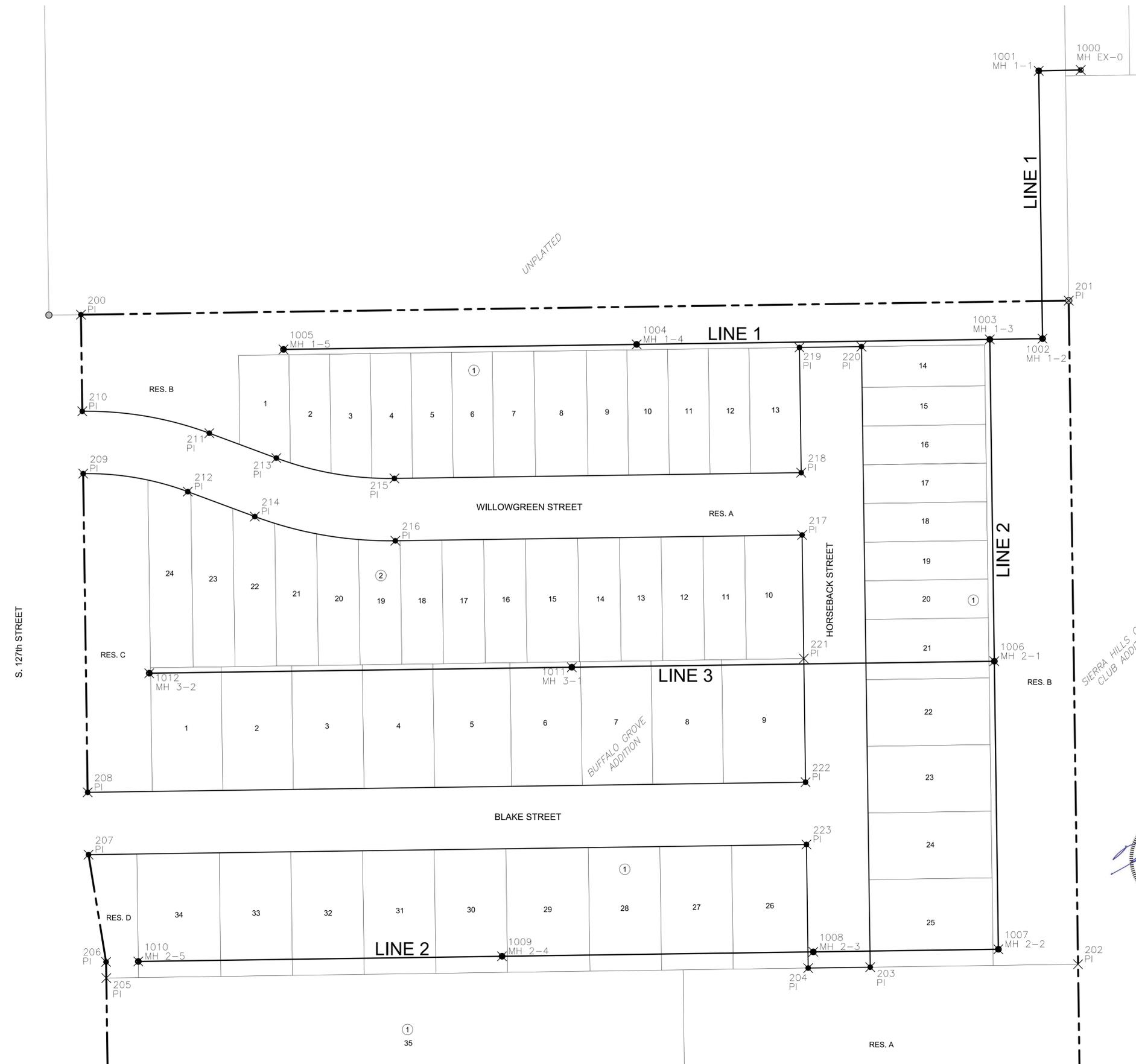


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SAN LINE 3	
PROJECT NO.	468-2022-026702
DATE	NOV 2022
SCALE	1" = 40'
DESIGNED	DRAWN
KPG	MKEC
CHECKED	KPG
NO.	REVISION
SHEET NO. 07 OF 14	

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

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 PLOTTED: Thursday, November 10, 2022 @ 09:35AM



SANITARY POINTS			
Point #	Northing	Easting	Desc.
1000	1674459.34	1692903.31	MH EX-0
1001	1674458.51	1692864.03	MH 1-1
1002	1674209.36	1692867.55	MH 1-2
1003	1674208.67	1692818.28	MH 1-3
1004	1674204.00	1692488.18	MH 1-4
1005	1674199.34	1692158.08	MH 1-5
1006	1673909.20	1692822.51	MH 2-1
1007	1673641.22	1692826.29	MH 2-2
1008	1673638.78	1692653.31	MH 2-3
1009	1673634.67	1692362.34	MH 2-4
1010	1673629.87	1692022.37	MH 2-5
1011	1673903.62	1692427.55	MH 3-1
1012	1673898.04	1692032.59	MH 3-2

PLAT POINTS			
Point #	Northing	Easting	Desc.
200	1674231.67	1691968.77	PI
201	1674244.71	1692892.05	PI
202	1673627.27	1692900.78	PI
203	1673624.53	1692706.52	PI
204	1673623.71	1692648.52	PI
205	1673614.44	1691992.49	PI
206	1673629.44	1691992.27	PI
207	1673729.22	1691975.86	PI
208	1673787.21	1691975.04	PI
209	1674083.77	1691970.85	PI
210	1674141.76	1691970.04	PI
211	1674121.39	1692088.74	PI
212	1674066.99	1692068.63	PI
213	1674098.24	1692151.38	PI
214	1674043.84	1692131.27	PI
215	1674079.29	1692261.79	PI
216	1674021.30	1692262.61	PI
217	1674026.67	1692642.83	PI
218	1674084.66	1692642.01	PI
219	1674201.15	1692640.37	PI
220	1674201.97	1692698.36	PI
221	1673911.68	1692644.46	PI
222	1673796.69	1692646.08	PI
223	1673738.70	1692646.90	PI



BENCHMARKS

BM & CP-100
 N:1673873.821 E:1691836.443 EL:1356.26
 MAG NAIL SET IN A FOUND SQUARE CUT ON SOUTH
 END OF WEIR WALL, 572' NORTH AND 77' WEST OF THE
 CENTERLINE OF 127TH ST. E. & PAWNEE

DATUM

The Horizontal Datum is based on the Kansas Coordinate System of 1983,
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 been modified to the ground using a combined adjustment factor of
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 the shown values by 0.99988.



SANITARY SEWER PLANS FOR
BUFFALO GROVE ADDITION
 WICHITA, KANSAS

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BUBBLE MAP

PROJECT NO.	468-2022-026702
DATE	NOV 2022
SCALE	1" = 50'
DESIGNED	KPG
DRAWN	MKEC
CHECKED	KPG

NO.	REVISION	DATE