

**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 887-3470  
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:  

AT&T	1-800-345-5464
BLACK HILLS ENERGY (GAS)	1-800-648-6888
CITY OF WICHITA WATER & SEWER	1-316-251-2621
CITY OF WICHITA STORMWATER	1-316-254-4000
CITY OF WICHITA TRAFFIC	1-316-254-4024
CITY OF MAIZE WATER & SEWER	1-316-252-4854
COX COMMUNICATIONS	1-800-482-4000
KANSAS GAS SERVICE	1-800-482-4000
ENERGY	1-800-444-4400
- 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 DEPOSITED ON SITE TO BE APPROVED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO STABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS IN THE OPINION OF THE ENGINEER THAT WILL LEAVE AN UNDESIRABLE APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIALS STOCKPILED OR DEPOSITED ON A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT AND MATERIALS TO BE BURIED BY THE UNITED STATES OR NEAR LARGES 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 SCOURED 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 WRITING 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. SLIP-PIPS 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 VALVE VALVE BOXES OR THE PROGRAMS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ACQUIRED TO MATCH FIELD GRABES BY THE CONTRACTOR.
- TRAFFIC WILL BE IMPACTED BY CONSTRUCTION. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER AT SUBMITTANCE. 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 AND SIGNAGE AS PUBLISHED BY THE U.S. 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 PROTECTED PAVEMENT SHALL BE SEEDED AND MULCHED. COST SHALL BE CONSIDERED SUBSIDIARY TO PROJECT SEEDING. SEEING TO BE ANNUAL RYE @ 100 LBS/ACRE & SLOW RELEASE @ 100 LBS/ACRE.
- CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPEN OVERSIGHT AND WEEDINGS 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 UTILITY COMPANIES AND EITHER THEIR 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 MOUNDING AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUNDING SHALL BE CONSTRUCTED WITH NEW DEVELOPMENT AT SIX (6) FOOT DIAMETER PLAT TOP WITH A (1) SIDE SLOPES DOWN TO THE EXISTING GROUND. THE ELEVATION OF THE PLAT TOP OF THE MOUND SHALL BE 14 FEET 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 FROM 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 SLOPE CUT INTO EXISTING MANHOLE SHALL TO MAKE CONNECTION USING APPROVED WIDER STOP GASKET. AND REPAIR THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST TO CONNECT 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 SEWER THROUGH CONSTRUCTION. CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING SEWERAGE FLOW SHALL BE SUBMITTED AND APPROVED BY THE SEWER MAINTENANCE DIVISION (316-254-4024) PRIOR TO STARTING AND BY PASSING OF SEWERAGE FLOWS.
- ALL TRAFFIC CONTROL DEVICES IN THE WORK ZONE (INCLUDING MANHOLES 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 TRAVELLED WAY OR CLEAR ZONE SHALL BE CRASHWORTHY (MUTCD REPORT 350 OR MATCH EQUIVALENT).  
<http://www.fhwa.dot.gov/trafficsigns/signmanual/>
- ALL CONSTRUCTION EQUIPMENT INCLUDING VEHICLES, MATERIALS, AND DEBRIS, SHALL BE STORED OUTSIDE OF THE CLEAR ZONE WHERE THE CANNOT BE ADVISED BY 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/StandardDetails.aspx>
- DEVELOPER FOR THIS PROJECT IS:  
MILLER FAMILY HOMES  
807 HORNALL AVENUE  
WICHITA, KS 67211  
CLAY MILLER  
316-269-3322

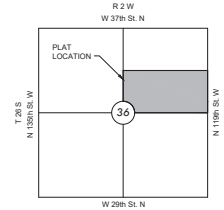
**SANITARY SEWER COLLECTOR PHASE**  
TO SERVE

**ARVADA ADDITION**

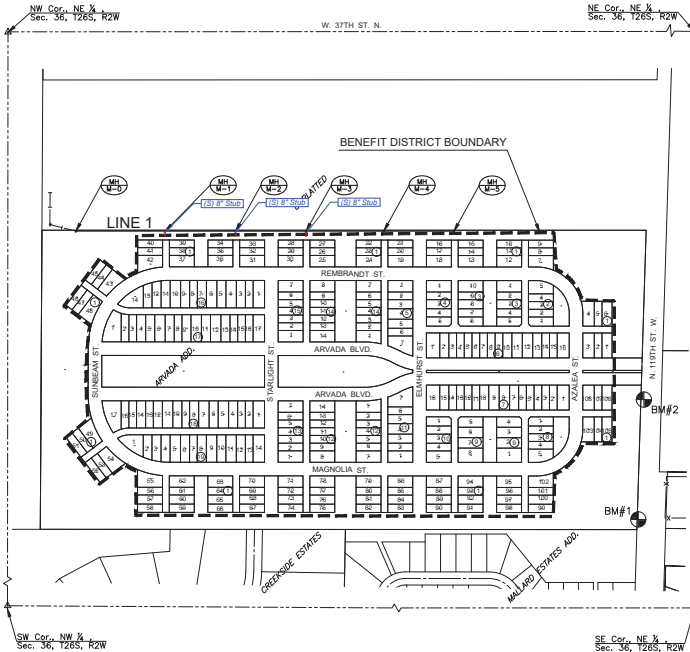
PROJECT NO. 468-2022-024783  
AN ADDITION TO THE CITY OF MAIZE, SEDGWICK COUNTY, KANSAS  
ORG CODE 4726722  
MUNIS NO. E2086

4651 A  
NW-05A

Novak Construction - Contractor  
S. Loven - City of Wichita, Field Project Engineer  
E. Flores - City of Wichita, Inspector  
Al-bukhari  
Subis  
Release Date (for connection purposes only) : 8/14/2022  
Completion Date:  
pdf apr 10/25/2022



VICINITY MAP  
No Scale



**INDEX TO DRAWINGS**

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02-03	SAN DETAILS
04-06	LINE 1
07	EROSION CONTROL
08	BUBBLE MAP
09-13	BMP DETAILS
14	FINAL PLAT



**BENCHMARKS**

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 1.00020044.  
ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 83 VERTICAL DATUM.  
BM#1 - 179036.50E @ 1007137.87S @ L 1307.74 MAG. NAL. SET 60" OF POWER POLE IN E. COR. OF PROPERTY. IN FOUND SO. CUT ON END OF A WEIR WALL. SET 45' N & 5' E OF COR. OF PROPERTY.  
BM#2 - 179036.50E @ 1007137.87S @ L 1306.78 MAG. NAL. SET 15" IN AFB 6" S OF SW WING WALL OF STORM SEWER IN W. SIDE OF 191515 W.  
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.

**MKEC**  
Municipal Engineering & Consulting

**ARVADA ADDITION**  
COLLECTOR PHASE

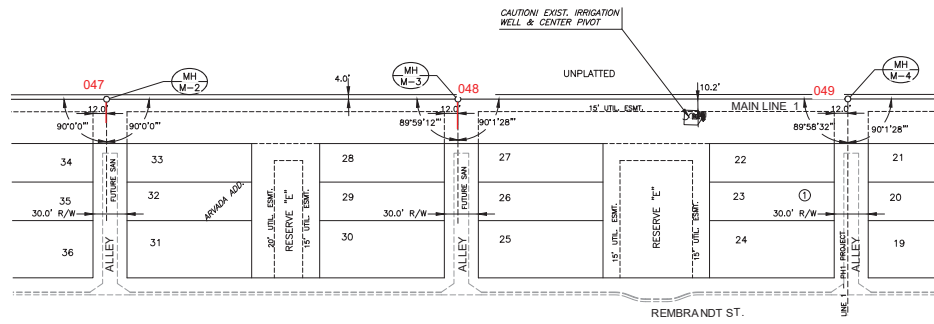
**TITLE SHEET**

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SHEET NO. 01 OF 14

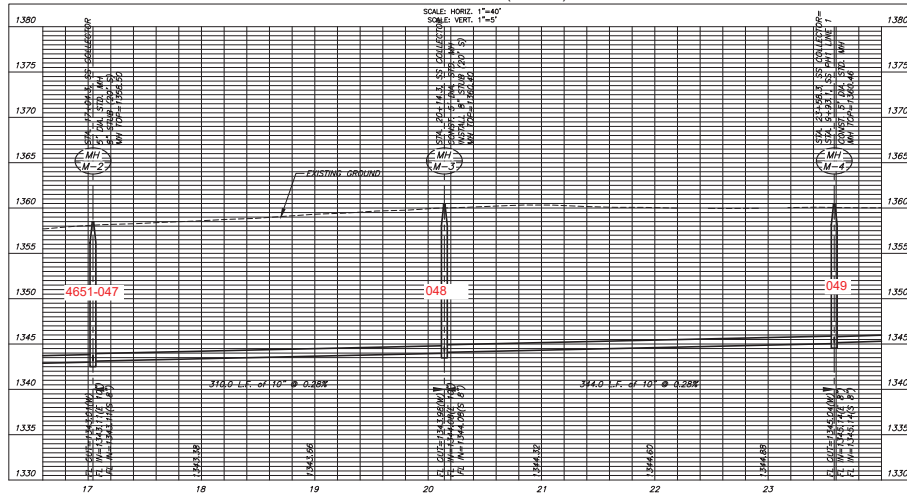


DATE: 11/02/2022, 10:42 AM

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



PLAN SS Main 1 (Cont. 1)  
PROFILE SS Main 1 (Cont. 1)



SANITARY SEWER PLANS FOR  
**ARVADA ADDITION**  
COLLECTOR PHASE

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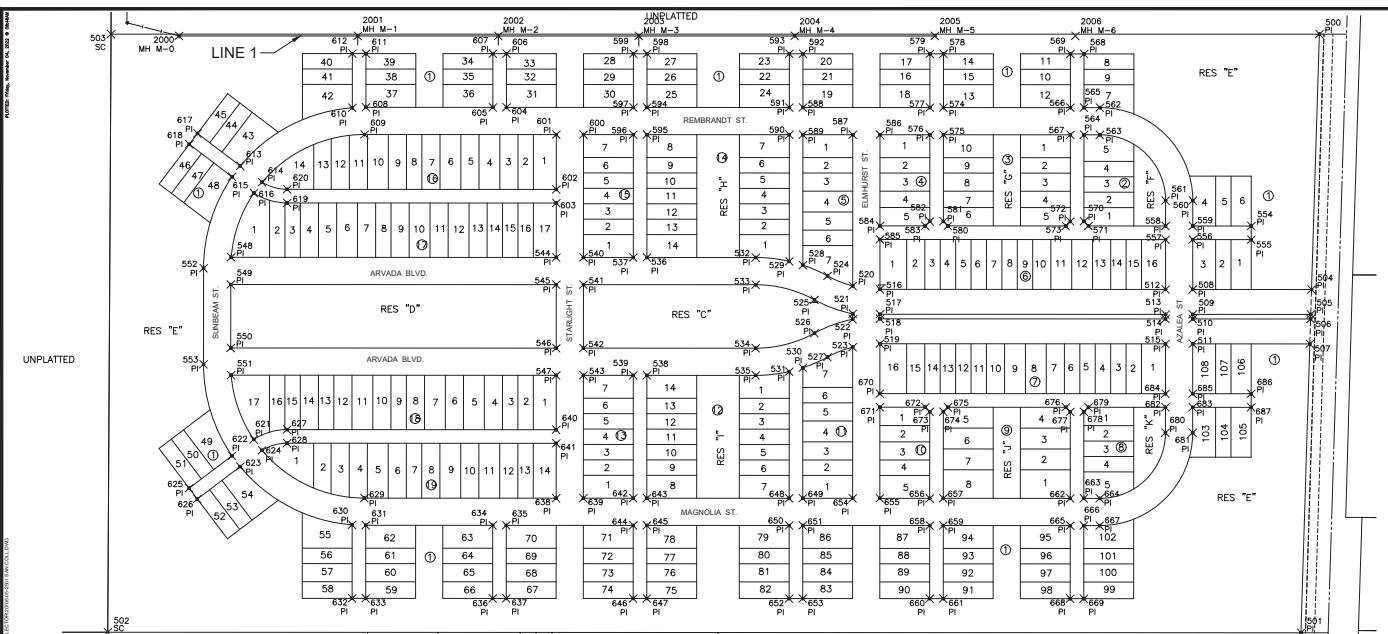
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SHEET NO. 05 OF 14

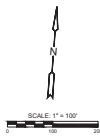




SANITARY SEWER PLANS FOR  
**ARVADA ADDITION**  
 COLLECTOR PHASE



PAVING POINTS			PAVING POINTS			PAVING POINTS			PAVING POINTS			SANITARY POINTS			
Point #	Northing	Easting	Desc.	Point #	Northing	Easting	Desc.	Point #	Northing	Easting	Desc.	Point #	Northing	Easting	Desc.
500	1707812.99	1607129.21	PI	560	1707436.58	1606862.48	PI	580	1707362.64	1606324.64	PI	600	1707356.77	1605514.40	PI
501	1706491.86	1607133.05	PI	561	1707434.58	1606862.51	PI	581	1707372.30	1606314.31	PI	601	1707534.77	1605445.43	PI
502	1706404.27	1604502.55	SC	562	1707634.64	1606650.77	PI	582	1707371.50	1606284.33	PI	602	1707413.84	1605458.46	PI
503	1707723.15	1604465.29	SC	563	1707574.67	1606652.76	PI	583	1707560.97	1606274.67	PI	603	1707383.85	1605459.45	PI
504	1707249.40	1607130.84	PI	564	1707573.51	1606617.78	PI	584	1707357.64	1606174.72	PI	604	1707591.08	1605342.49	PI
505	1707194.36	1607131.00	PI	565	1707633.47	1606615.79	PI	585	1707327.66	1606175.72	PI	605	1707590.08	1605312.51	PI
506	1707184.37	1607131.03	PI	566	1707632.48	1606585.80	PI	586	1707558.54	1606168.03	PI	606	1707709.51	1605338.55	PI
507	1707129.35	1607131.19	PI	567	1707572.51	1606587.80	PI	587	1707556.54	1606108.07	PI	607	1707708.51	1605308.57	PI
508	1707240.68	1606869.00	PI	568	1707751.01	1606611.84	PI	588	1707612.84	1605996.13	PI	608	1707580.76	1605032.66	PI
509	1707185.71	1606870.83	PI	569	1707750.01	1606581.86	PI	589	1707562.87	1605996.13	PI	609	1707505.69	1605031.66	PI
510	1707175.72	1606871.16	PI	570	1707749.01	1606582.14	PI	590	1707561.88	1605968.14	PI	610	1707578.73	1605002.72	PI
511	1707120.76	1606872.99	PI	571	1707737.95	1606584.47	PI	591	1707611.84	1605966.15	PI	611	1707699.19	1605028.72	PI
512	1707238.69	1606809.03	PI	572	1707381.62	1606584.16	PI	592	170731.28	1605992.19	PI	612	1707698.19	1604998.74	PI
513	1707183.72	1606810.86	PI	573	1707371.29	1606584.50	PI	593	170730.28	1605962.20	PI	613	1707442.25	1604760.06	PI
514	1707173.72	1606811.20	PI	574	1707623.16	1606305.96	PI	594	1707601.39	1605952.30	PI	614	1707407.06	1604809.40	PI
515	1707118.75	1606813.03	PI	575	1707563.19	1606307.96	PI	595	1707541.43	1605954.32	PI	615	1707417.72	1604742.79	PI
516	1707217.72	1606819.38	PI	576	1707562.19	1606277.97	PI	596	1707562.83	1605963.33	PI	616	1707383.36	1604792.05	PI
517	1707162.76	1606818.21	PI	577	1707622.16	1606275.98	PI	597	1707600.39	1605922.34	PI	617	1707510.63	1604663.28	PI
518	1707152.76	1606818.55	PI	578	1707741.59	1606302.02	PI	598	1707719.83	1605948.38	PI	618	1707486.13	1604645.97	PI
519	1707097.79	1606818.38	PI	579	1707405.59	1606272.03	PI	599	1707718.83	1605618.39	PI	619	1707364.10	1604866.16	PI



PROJECT NO: 669-2022-024783  
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