

GENERAL NOTES

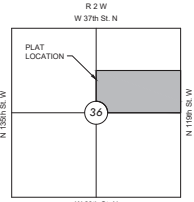
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:
KANSAS ONE-CALL 687-3470
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
AT&T 1-800-248-8444
BLACK HILLS ENERGY (GAS) 1-800-648-6888
CITY OF WICHITA WATER & SEWER 1-316-251-2621
CITY OF WICHITA STORMWATER 1-316-251-4050
CITY OF WICHITA TRAFFIC 1-316-251-4024
CITY OF MAIZE WATER & SEWER 1-316-252-4854
COX COMMUNICATIONS 1-800-248-3033
KANSAS GAS SERVICE 1-800-482-4900
ENERGY 1-800-444-4882
- 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 SITES TO BE PROVIDED 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 IN A FLOOD PLAIN SHALL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DEPOSITED WITHIN THE RIGHT-OF-WAY OR IN A FLOOD PLAIN 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 DRAINAGE 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 ADEQUATE NOTICE OF THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF SEVEN (7) DAYS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY RIGHTS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY RIGHTS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH PROVISIONS 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 ACQUIRED TO MATCH FIELD GRADINGS BY THE CONTRACTOR.
- IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER. PRIOR TO BEGINNING CONSTRUCTION, 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 PROPOSED PAVEMENT SHALL BE SEEDED AND MULCHED. COST SHALL BE CONSIDERED SUFFICIENT TO PREVENT SEEDING, SEEDED TO BE ANNUAL RYE @ 100 LBS./ACRE & SLOW RELEASE @ 100 LBS./ACRE.
- CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET OF EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OF MANHOLES FOR RECORD. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE MANHOLE COMPANIES AND IS EITHER THEIR COMPANY UTILITY DRAWING 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 1:1 SIDE SLOPE DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE PLAT TOP OF THE MOUND SHALL BE 1.4 FOOT BELOW THE TOP OF THE MANHOLE.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AREA 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 SERVICE LINES 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 INTO EXISTING MANHOLE SHALL TO MAKE CONNECTION USING APPROVED WATER STOP GASKET. AND REPAIR 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 IS 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 (131-208-4070) 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 TRAVELLED WAY OR CLEAR ZONE SHALL BE CROWDFORTH (MCHW) REPORT 200 OR MATCH COMPLYANT.
- 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, ASBEST 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/CDMP/Spec/Specifications>
- DEVELOPER FOR THIS PROJECT IS: MILLER FAMILY HOMES 807 HORNALL AVENUE WICHITA, KS 67211 CLAY MILLER 716-269-3322

SANITARY SEWER IMPROVEMENTS PHASE 1

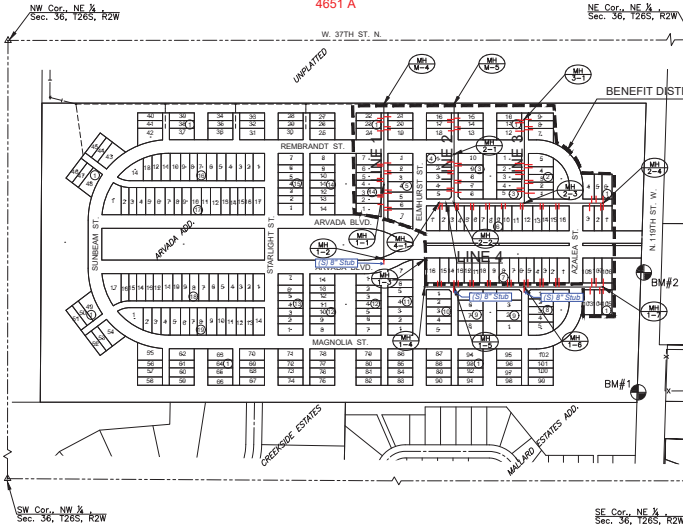
ARVADA ADDITION

PROJECT NO. 468-2022-024784
AN ADDITION TO THE CITY OF MAIZE, SEDGWICK COUNTY, KANSAS
ORG CODE 47267322
MUNIS NO. E2087

NW-05A
4651 A

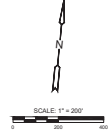


VICINITY MAP
No Scale



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
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02-04	SAN DETAILS
05-07	LINE 1
08	LINE 2
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10	RISER MAP
11	SUBBLE MAP
12-16	BMP DETAILS
17	FINAL PLAT



BENCHMARKS

DATE: 11/15/2022
THE HORIZONTAL DATUM IS BASED ON THE KANSAS COORDINATE SYSTEM OF 1983 (NAD 83). THE VERTICAL COORDINATES SHOWN HAVE BEEN ADJUSTED TO THE GRID AND USING A COMBINED ADJUSTMENT FACTOR OF 1.00000044.

ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 83 VERTICAL DATUM.
BM#1
N: 198308.89 E: 182707.879 EL: 1207.74
MAG NAIL SET 4' S OF POWER POLE IN SE CORN. OF PROPERTY. IN FOUND 10' CUT ON END OF A BRICK WALL. 57' 45" N & E OF SE CORN. OF PROPERTY.

BM#2
N: 177085.04 E: 182744.437 EL: 1206.75
MAG NAIL SET 15' W AND 5' S OF 50' WING WALL OF STORM SEWER IN W SIDE OF 1315' E 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.



SANITARY SEWER PLANS FOR
ARVADA ADDITION
PHASE 1

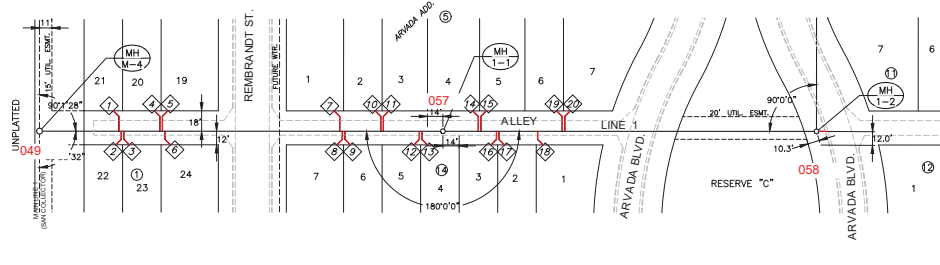
DATE: 11/15/2022
PROJECT NO: 468-2022-024784
GATE: NOV 2022
SCALE: 1"=200'
DESIGNED: JWHM CHECKED: DFL LAL SPE

TITLE SHEET

NO.	REVISION	DATE

DATE: 11/15/2022, 11:58 AM, PROJECT: 468-022-024784

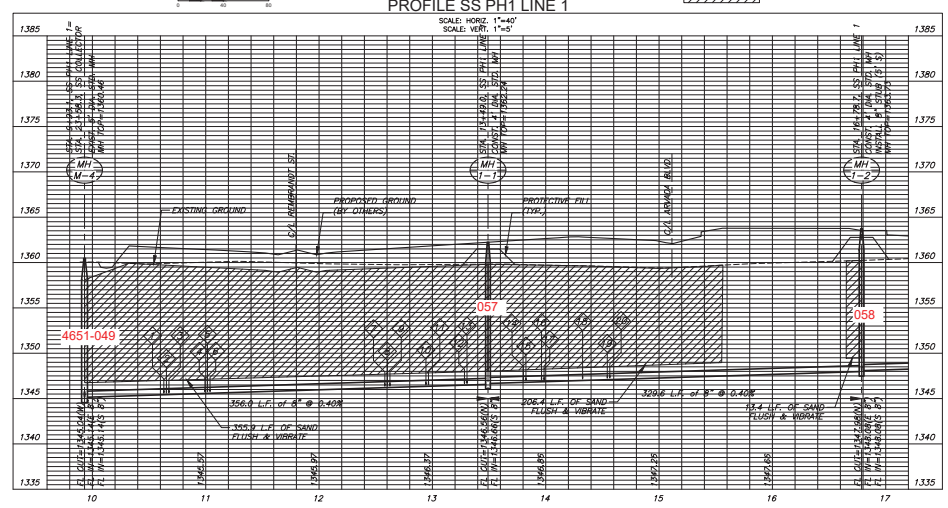
Riser Number	Distance from Main to Riser (L/R)	Distance from Upstream MH	Distance from Downstream MH
1	20' LL	286'	30'
2	14' RL	284'	12'
3	14' RL	282'	7.4'
4	20' LL	250'	106'
5	20' LL	246'	106'
6	14' RL	246'	110'
7	20' LL	91'	285'
8	14' RL	89'	287'
9	14' RL	87'	289'
10	20' LL	55'	301'
11	20' LL	53'	303'
12	14' RL	21'	339'
13	14' RL	19'	341'
14	20' LL	307'	31'
15	20' LL	305'	33'
16	14' RL	291'	47'
17	14' RL	289'	49'
18	14' RL	255'	83'
19	20' LL	233'	105'
20	20' LL	231'	107'



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

PLAN SS PH1 LINE 1
PROFILE SS PH1 LINE 1

= SAND, FLUSH & VIBRATE



SANITARY SEWER PLANS FOR
ARVADA ADDITION
 PHASE 1

DATE: 11/15/2022, 11:58 AM, PROJECT: 468-022-024784

LINE 1	
PROJECT NO.	468-022-024784
DATE	NOV 2022
SCALE	1"=40'
DESIGNED	DFL
CHECKED	LAL
DATE	SPE
REVISION	DATE
SHEET NO.	05 OF 17



SANITARY SEWER PLANS FOR
ARVADA ADDITION
 PHASE 1

2020
 11/15/2022
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LINE 1 (CONT. 2)

PROJECT NO: 468-022-024784

DATE: NOV 2022

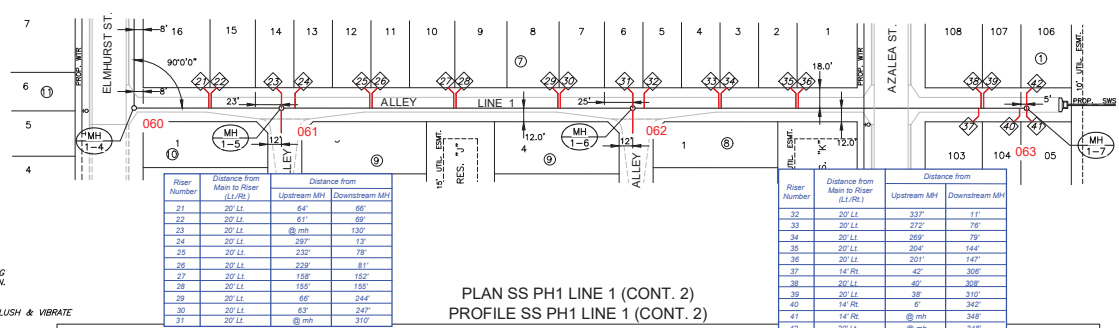
SCALE: 1"=40'

DESIGNED: DFWN CHECKED: DFL LAL SPE

DATE: 11/15/2022

REVISION: DATE:

SHEET NO. 07 OF 17

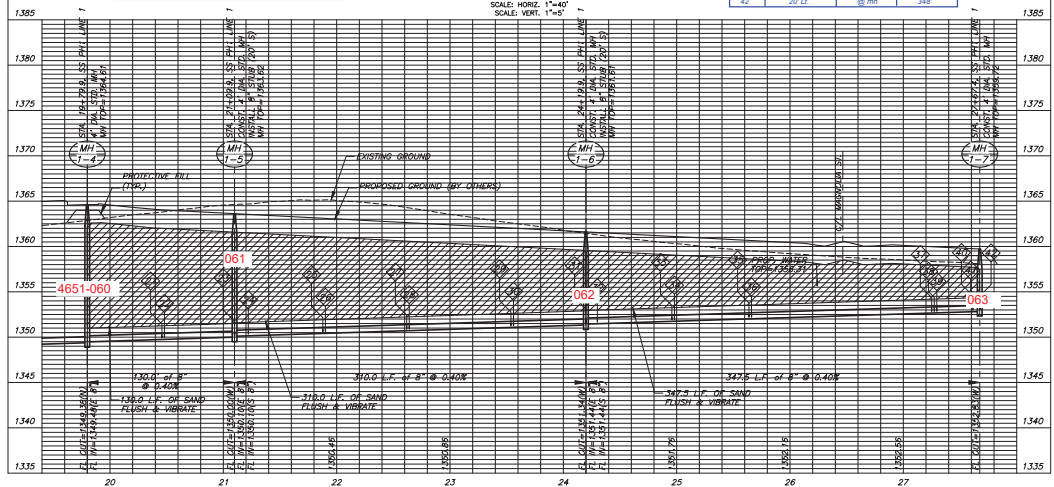


Riser Number	Distance from Man to Riser (ft-Rs)	Distance from	
		Upstream MH	Downstream MH
21	20' Lt	64'	66'
22	20' Lt	81'	69'
23	20' Lt	@ mh	130'
24	20' Lt	297'	13'
25	20' Lt	232'	78'
26	20' Lt	222'	81'
27	20' Lt	156'	152'
28	20' Lt	155'	155'
29	20' Lt	66'	244'
30	20' Lt	43'	247'
31	20' Lt	@ mh	310'

Riser Number	Distance from Man to Riser (ft-Rs)	Distance from	
		Upstream MH	Downstream MH
32	20' Lt	337'	11'
33	20' Lt	272'	76'
34	20' Lt	269'	79'
35	20' Lt	204'	144'
36	20' Lt	201'	147'
37	14' Rs	42'	306'
38	20' Lt	40'	308'
39	20' Lt	38'	310'
40	14' Rs	0'	342'
41	14' Rs	@ mh	349'
42	20' Lt	@ mh	348'

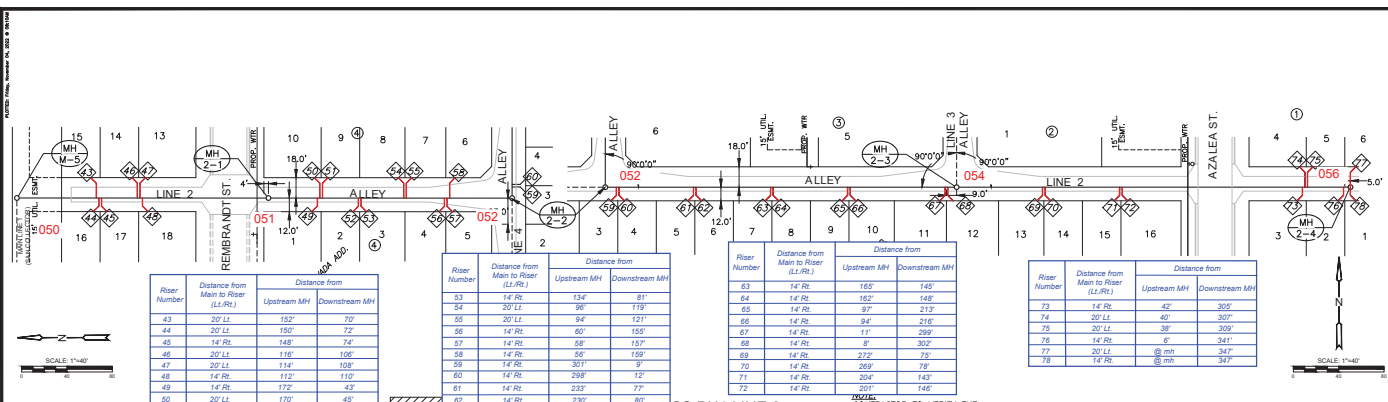
NOTE:
 CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

= SAND, FLUSH & VIBRATE





SANITARY SEWER PLANS FOR
ARVADA ADDITION
 PHASE 1



Riser Number	Distance from Main to Riser (L/R)	Distance from	
		Upstream MH	Downstream MH
43	20' LL	152'	70'
44	20' LL	156'	72'
45	14' RL	148'	74'
46	20' LL	116'	106'
47	20' LL	114'	108'
48	14' RL	112'	110'
49	14' RL	172'	43'
50	20' LL	170'	45'
51	20' LL	168'	47'
52	14' RL	138'	79'

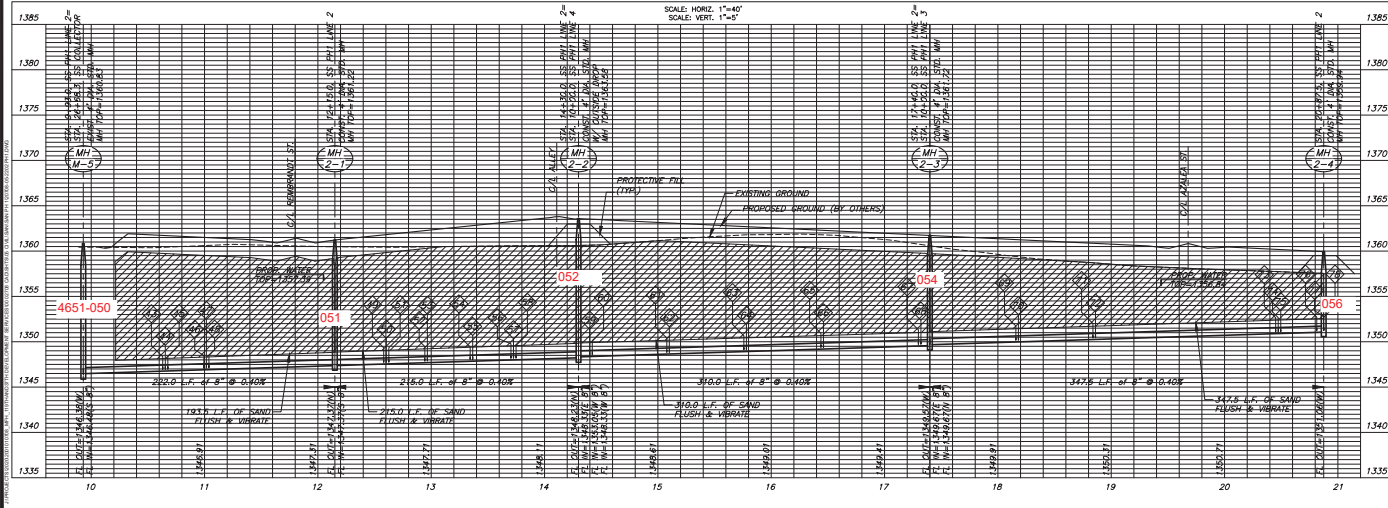
Riser Number	Distance from Main to Riser (L/R)	Distance from	
		Upstream MH	Downstream MH
53	14' RL	134'	81'
54	20' LL	96'	119'
55	20' LL	84'	121'
56	14' RL	90'	155'
57	14' RL	58'	157'
58	14' RL	56'	159'
59	14' RL	30'	9'
60	14' RL	258'	12'
61	14' RL	233'	77'
62	14' RL	230'	80'

Riser Number	Distance from Main to Riser (L/R)	Distance from	
		Upstream MH	Downstream MH
63	14' RL	165'	145'
64	14' RL	162'	148'
65	14' RL	97'	213'
66	14' RL	84'	216'
67	14' RL	11'	259'
68	14' RL	8'	302'
69	14' RL	272'	75'
70	14' RL	269'	78'
71	14' RL	204'	143'
72	14' RL	201'	146'

Riser Number	Distance from Main to Riser (L/R)	Distance from	
		Upstream MH	Downstream MH
73	14' RL	42'	305'
74	20' LL	40'	307'
75	20' LL	38'	309'
76	14' RL	6'	341'
77	20' LL	6'	341'
78	14' RL	6'	347'

PROFILE SS PH1 LINE 2
 PROFILE SS PH1 LINE 2

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



LINE 2
 PROJECT NO: 468-2022-024784
 DATE: NOV 2022
 SCALE: 1"=40'
 DESIGNED: DFL
 CHECKED: LAL
 DATE: SPE
 SHEET NO. 08 OF 17



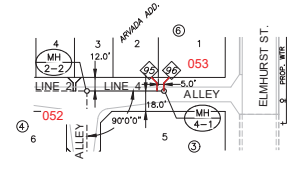
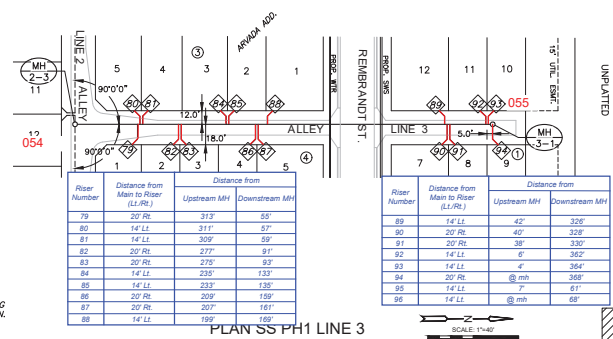
SANITARY SEWER PLANS FOR
ARVADA ADDITION
 PHASE 1

2020
 MECA Engineering
 1600 West 10th Avenue
 Suite 100, Arvada, CO 80004
 Phone: 303.426.1000
 Fax: 303.426.1001
 www.meca-engineering.com

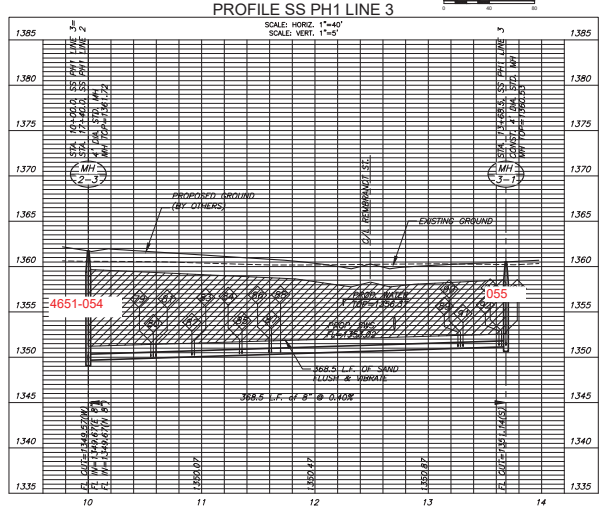
LINES 3 & 4

PROJECT NO: 468-022-024784
 DATE: NOV 2022
 SCALE: 1"=40'
 DESIGNED: DFL
 CHECKED: LAL
 SPE:

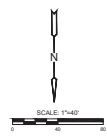
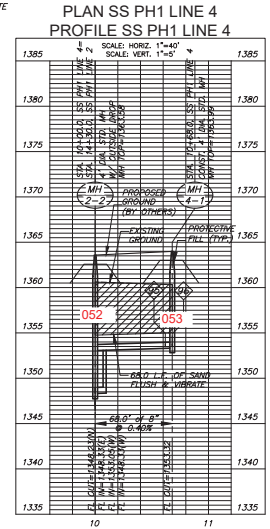
SHEET NO. 09 OF 17



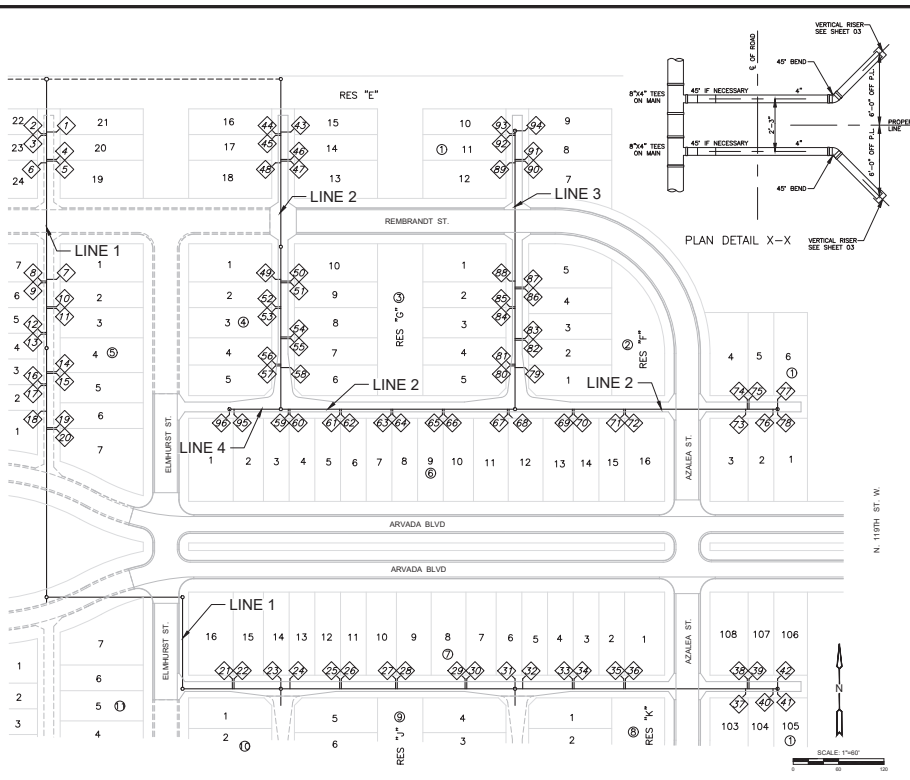
NOTE:
 CONTRACTOR TO VERIFY THE
 DEPTH AND LOCATION OF EXISTING
 UTILITIES PRIOR TO CONSTRUCTION.



UNPLATED
 SAND, FLUSH & VIBRATE



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	21	1	1	10+83.53	LT	15.7'	20"
2	4" TEE	22	1	1	10+69.28	RT	15.7'	14"
3	4" TEE	23	1	1	10+67.53	RT	15.7'	14"
4	4" TEE	20	1	1	10+99.28	LT	15.4'	20"
5	4" TEE	19	1	1	11+03.53	LT	15.3'	20"
6	4" TEE	24	1	1	11+03.78	RT	15.3'	14"
7	4" TEE	1	5	1	12+58.03	LT	14.8'	20"
8	4" TEE	7	14	1	12+60.28	RT	14.8'	14"
9	4" TEE	5	14	1	12+65.53	RT	14.8'	14"
10	4" TEE	2	5	1	12+94.28	LT	15.0'	20"
11	4" TEE	3	5	1	12+96.53	LT	15.0'	20"
12	4" TEE	5	14	1	13+29.28	RT	15.1'	14"
13	4" TEE	4	14	1	13+30.53	RT	15.1'	14"
14	4" TEE	4	5	1	13+80.28	LT	15.2'	20"
15	4" TEE	5	5	1	13+80.53	LT	15.2'	20"
16	4" TEE	3	14	1	13+94.28	RT	15.3'	14"
17	4" TEE	2	14	1	13+98.53	RT	15.3'	14"
18	4" TEE	1	14	1	14+32.53	RT	15.3'	14"
19	4" TEE	5	5	1	14+94.28	LT	15.3'	20"
20	4" TEE	7	5	1	14+96.53	LT	15.1'	20"
21	4" TEE	16	7	1	20+46.78	LT	13.8'	20"
22	4" TEE	15	7	1	20+48.03	LT	13.8'	20"
23	4" MH CONNECTION	14	7	1	21+09.91	LT	13.1'	20"
24	4" TEE	13	7	1	21+22.03	LT	12.9'	20"
25	4" TEE	12	7	1	21+71.78	LT	12.2'	20"
26	4" TEE	11	7	1	21+90.03	LT	12.2'	20"
27	4" TEE	10	7	1	22+61.78	LT	11.4'	20"
28	4" TEE	9	7	1	22+64.03	LT	11.4'	20"
29	4" TEE	8	7	1	23+57.78	RT	10.5'	20"
30	4" TEE	7	7	1	23+56.03	LT	10.5'	20"
31	4" MH CONNECTION	6	7	1	24+19.91	LT	9.7'	20"
32	4" TEE	5	7	1	24+30.53	LT	9.6'	20"
33	4" TEE	4	7	1	24+95.78	LT	8.9'	20"
34	4" TEE	3	7	1	24+98.03	LT	8.9'	20"
35	4" TEE	2	7	1	25+63.78	LT	8.2'	20"
36	4" TEE	1	7	1	25+66.03	LT	8.2'	20"
37	4" TEE	103	1	1	27+25.03	RT	6.8'	14"
38	4" TEE	108	1	1	27+27.28	LT	6.8'	20"
39	4" TEE	107	1	1	27+49.53	LT	6.8'	20"
40	4" TEE	104	1	1	27+61.28	RT	6.5'	14"
41	4" TEE	105	1	1	27+67.41	RT	6.4'	14"
42	4" MH CONNECTION	108	1	1	27+67.41	LT	6.4'	20"
43	4" TEE	105	1	2	10+65.10	LT	14.5'	20"
44	4" TEE	16	1	2	10+65.35	RT	14.5'	14"
45	4" TEE	17	1	2	10+67.60	RT	14.5'	14"
46	4" TEE	14	1	2	10+98.35	LT	14.1'	20"
47	4" TEE	13	1	2	11+01.60	LT	14.1'	20"
48	4" TEE	18	1	2	11+03.85	RT	14.1'	14"
49	4" TEE	1	4	2	12+58.10	RT	13.8'	14"
50	4" TEE	10	3	2	12+90.35	LT	13.8'	20"
51	4" TEE	9	3	2	12+62.60	LT	13.8'	20"
52	4" TEE	2	4	2	12+94.35	RT	14.1'	14"
53	4" TEE	3	4	2	13+36.60	RT	14.1'	14"
54	4" TEE	8	3	2	13+34.35	LT	14.4'	20"
55	4" TEE	7	3	2	13+36.60	LT	14.4'	20"
56	4" TEE	4	4	2	13+70.35	RT	14.8'	14"
57	4" TEE	5	4	2	13+72.59	RT	14.8'	14"
58	4" TEE	6	3	2	13+74.85	LT	14.8'	14"
59	4" TEE	3	6	2	14+39.84	RT	14.6'	14"
60	4" TEE	4	6	2	14+41.09	RT	14.6'	14"
61	4" TEE	5	6	2	15+07.84	RT	14.0'	14"
62	4" TEE	6	6	2	15+10.09	RT	14.0'	14"
63	4" TEE	7	6	2	15+57.84	RT	12.8'	14"
64	4" TEE	8	6	2	15+78.09	RT	12.8'	14"
65	4" TEE	9	6	2	16+43.84	RT	12.8'	14"
66	4" TEE	10	6	2	16+46.09	RT	12.8'	14"
67	4" TEE	11	6	2	17+29.84	RT	11.8'	14"
68	4" MH CONNECTION	12	6	2	17+32.09	RT	11.8'	14"
69	4" TEE	13	6	2	18+15.84	RT	10.8'	14"
70	4" TEE	14	6	2	18+18.09	RT	10.8'	14"
71	4" TEE	15	6	2	18+84.84	RT	10.1'	14"
72	4" TEE	16	6	2	18+86.09	RT	10.1'	14"
73	4" TEE	3	1	2	20+49.09	RT	8.8'	14"
74	4" TEE	4	1	2	20+47.84	LT	8.8'	20"
75	4" TEE	5	1	2	20+49.59	LT	8.8'	20"
76	4" TEE	2	1	2	20+81.34	RT	8.4'	14"
77	4" MH CONNECTION	6	1	2	20+87.47	LT	8.4'	20"
78	4" MH CONNECTION	1	1	2	20+87.47	RT	8.4'	14"



SEWER SERVICE RISER TABLE						FOR INFORMATION ONLY		
NO.	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
79	4" TEE	1	2	3	10+55.12	RT	11.3'	20"
80	4" TEE	5	3	3	10+57.37	LT	11.3'	14"
81	4" TEE	4	3	3	10+59.62	LT	11.3'	14"
82	4" TEE	2	2	3	10+91.38	RT	10.8'	20"
83	4" TEE	3	2	3	10+93.63	RT	10.8'	20"
84	4" TEE	3	3	3	11+33.37	LT	10.3'	14"
85	4" TEE	2	3	3	11+35.62	LT	10.3'	14"
86	4" TEE	4	2	3	11+59.38	RT	10.0'	20"
87	4" TEE	5	2	3	11+61.63	RT	10.0'	20"

SEWER SERVICE RISER TABLE						FOR INFORMATION ONLY		
NO.	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
88	4" TEE	12	1	3	13+69.62	LT	8.8'	14"
89	4" TEE	7	1	3	13+28.38	RT	8.8'	20"
90	4" TEE	8	1	3	13+30.63	RT	8.8'	20"
91	4" TEE	11	1	3	13+62.37	LT	8.9'	14"
92	4" TEE	10	1	3	13+64.62	LT	8.9'	14"
93	4" MH CONNECTION	9	1	3	13+66.87	RT	8.9'	20"
94	4" TEE	2	6	4	10+61.88	LT	10.2'	14"
95	4" MH CONNECTION	1	6	4	10+68.00	LT	10.2'	14"

MKEC

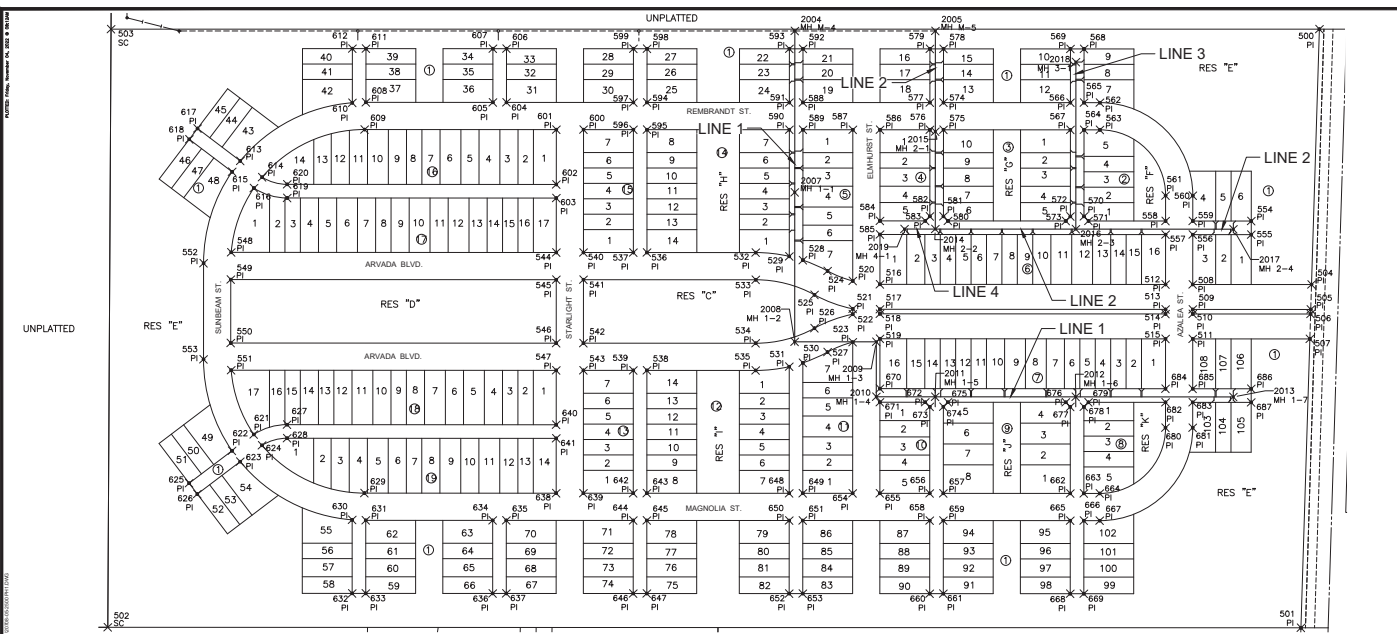
SANITARY SEWER PLANS FOR ARVADA ADDITION PHASE 1

RISER MAP

PROJECT NO: 468-2022-024764
 DATE: NOV 2022
 SCALE: 1"=60'
 DESIGNED: [] CHECKED: []
 DFL LAL SPE
 SHEET NO. 10 OF 17



SANITARY SEWER PLANS FOR
ARVADA ADDITION
PHASE 1



PAVING POINTS			PAVING POINTS			PAVING POINTS			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.	Point #	Northing	Easting	Desc.	Point #	Northing	Easting	Desc.								
500	1707812.99	1607129.21	PI	520	1707223.25	1606119.16	PI	540	1707285.92	1605523.41	PI	620	1707394.08	1604865.16	PI	640	1706884.13	1605476.29	PI	660	1706536.56	1606312.02	PI	680	1706922.86	1606819.55	PI	2004	1707789.99	1605972.88	MH M-4
501	1706491.86	1607133.05	PI	521	1707181.74	1606121.21	PI	541	1707205.95	1605525.41	PI	621	1706845.22	1604815.13	PI	641	1706851.15	1605477.09	PI	661	1706540.26	1606342.01	PI	681	1706924.86	1606879.52	PI	2005	1707780.44	1606282.71	MH M-5
502	1706404.27	1606202.05	SC	522	1707149.77	1606121.61	PI	542	1707066.03	1605520.07	PI	622	1706802.67	1604782.37	PI	642	1706738.87	1605451.03	PI	662	1706770.81	1606614.49	PI	682	1706918.83	1606817.69	PI	2007	1707444.21	1605984.73	MH M-1-1
503	1707223.15	1606445.29	SC	523	1707088.26	1606123.66	PI	543	1707006.06	1605523.07	PI	623	1706778.34	1604782.13	PI	643	1706739.87	1605451.03	PI	663	1706771.93	1606644.48	PI	683	1706880.83	1606877.65	PI	2008	1707084.76	1605985.71	MH 1-2
504	1707194.38	1607130.64	PI	524	1707243.33	1606126.86	PI	544	1707263.92	1605463.45	PI	624	1706818.83	1604828.08	PI	644	1706879.90	1605451.02	PI	664	1706773.13	1606679.46	PI	684	1707008.82	1606816.69	PI	2009	1707090.75	1606175.64	MH 1-3
505	1707194.38	1607130.64	PI	525	1707189.77	1606038.84	PI	545	1707203.95	1605465.44	PI	625	1706727.96	1604621.21	PI	645	1706879.90	1605451.02	PI	665	1706710.99	1606616.49	PI	685	1707010.81	1606876.65	PI	2010	1706969.59	1606179.64	MH 1-4
506	1707184.37	1607131.03	PI	526	1707116.13	1606038.29	PI	546	1707064.03	1605470.10	PI	626	1706704.67	1604690.12	PI	646	1706815.80	1605458.39	PI	666	1706711.19	1606646.47	PI	686	1707015.10	1607005.58	PI	2011	1706973.92	1606309.57	MH 1-5
507	1707129.35	1607131.19	PI	527	1707084.48	1606068.83	PI	547	1707004.06	1605472.10	PI	627	1706884.37	1604882.80	PI	647	1706818.79	1605458.37	PI	667	1706711.19	1606646.47	PI	687	1706985.12	1607006.08	PI	2012	1706984.24	1606619.40	MH 1-6
508	1707240.08	1606889.03	PI	528	1707285.21	1606007.71	PI	548	1707245.06	1604746.92	PI	628	1706854.39	1604883.60	PI	648	1706765.32	1605094.84	PI	668	1706549.86	1606617.85	PI	688	1706995.80	1606966.70	PI	2013	1706995.80	1606966.70	MH 1-7
509	1707185.71	1606870.83	PI	529	1707272.62	1605977.44	PI	549	1707180.06	1604742.84	PI	629	1706781.14	1605058.35	PI	649	1706781.32	1605034.82	PI	669	1706550.88	1606651.84	PI	689	1707043.71	1606287.25	MH 2-2				
510	1707175.72	1606871.16	PI	530	1707038.99	1606102.24	PI	550	1707040.14	1604752.50	PI	630	1706650.30	1605033.33	PI	650	1706690.35	1605998.83	PI	670	1706987.85	1606187.04	PI	2014	1707043.71	1606287.25	MH 2-3				
511	1707120.75	1606872.99	PI	531	1707028.58	1605985.54	PI	551	1706980.20	1604755.48	PI	631	1706659.27	1605068.75	PI	651	1706681.35	1606028.82	PI	671	1706987.85	1606188.03	PI	2015	1707354.03	1606607.08	MH 2-4				
512	1707238.69	1606809.03	PI	532	1707278.56	1605903.17	PI	552	1707214.04	1604686.68	PI	632	1706497.16	1605038.73	PI	652	1706829.24	1606032.18	PI	672	1706991.53	1606298.31	PI	2016	1707354.03	1606607.08	MH 2-5				
513	1707183.72	1606810.86	PI	533	1707218.60	1605905.17	PI	553	1707202.16	1604693.75	PI	633	1706498.16	1605068.71	PI	653	1706826.24	1606032.18	PI	673	1706991.53	1606298.31	PI	2017	1707354.03	1606607.08	MH 2-6				
514	1707173.72	1606811.20	PI	534	1707078.67	1605909.83	PI	554	1707384.90	1606993.27	PI	634	1706658.59	1605343.19	PI	654	1706754.98	1605134.76	PI	674	1706992.53	1606328.29	PI	2018	1707222.33	1606594.82	MH 3-1				
515	1707118.75	1606813.03	PI	535	1707018.71	1605911.82	PI	555	1707354.92	1606994.27	PI	635	1706660.59	1605331.18	PI	655	1706761.98	1605147.72	PI	675	1706992.53	1606328.29	PI	2019	1707341.45	1606529.29	MH 3-1				
516	1707217.72	16068179.38	PI	536	1707272.58	1605963.34	PI	556	1707350.62	1606985.34	PI	636	1706502.48	1605348.56	PI	656	1706761.98	1605147.72	PI	676	1706991.53	1606298.31	PI								
517	1707162.75	1606818.21	PI	537	1707269.58	1605933.35	PI	557	1707348.63	1606905.37	PI	637	1706508.48	1605378.54	PI	657	1706761.64	1605343.65	PI	677	1706991.53	1606298.31	PI								
518	1707152.76	1606818.55	PI	538	1707010.72	1605967.99	PI	558	1707378.61	1606804.37	PI	638	1706733.21	1605481.12	PI	658	1706700.67	1605306.66	PI	678	1706992.53	1606328.29	PI								
519	1707097.79	1606818.38	PI	539	1707009.72	1605942.01	PI	559	1707380.61	1606864.34	PI	639	1706735.21	1605541.09	PI	659	1706701.67	1605336.64	PI	679	1706993.17	1606336.64	PI								

BUBBLE MAP

PROJECT NO: 468-2022-024764
 DATE: NOV 2022
 SCALE: 1"=100'
 DESIGNED: [] CHECKED: []
 DFL LAL SPE
 CC: [] REVISION: [] DATE: []

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