

ABBREVIATIONS

APN	ASSESSOR'S PARCEL NUMBER
N	NORTH
EX	EXISTING
ROW	RIGHT OF WAY
TC	TOP OF CURB
FL	FLOW LINE
C	CURVE
CONC	CONCRETE
L	LINE
S/W	SIDEWALK
BSW	BACK OF SIDEWALK
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
PVIE	POINT OF VERTICAL INTERSECTION ELEVATION

NOTE:

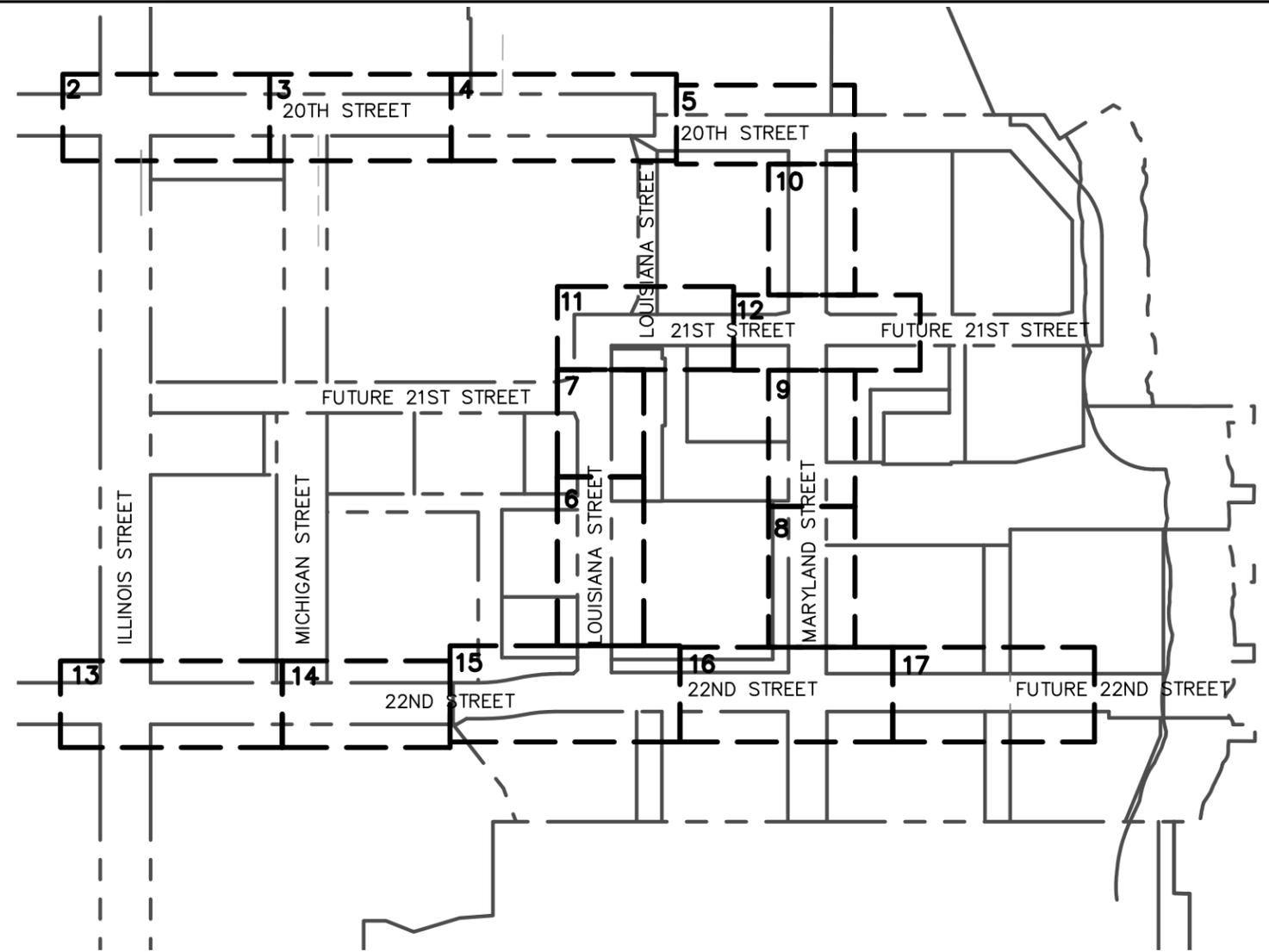
1. THE LINE AND CURVE DATA SHOWN MAY OVERLAP ON MULTIPLE SHEETS.

LEGEND

	PROPERTY LINE
	CENTERLINE
	PROPOSED CURB
	EXISTING OFFICIAL CURB TO REMAIN
	NEW CURB RAMP

REFERENCES:

1. A-17-222 TITLED "MAP SHOWING THE OPENING OF 20TH STREET, 21ST STREET, 22ND STREET, LOUISIANA STREET AND MARYLAND STREET", IN THE OFFICE OF CITY & COUNTY SURVEYOR
2. "FINAL MAP 9585, PIER 70; PID 9585 - PHASE 1", RECORDED OCTOBER 23, 2020 IN BOOK 1 OF FINAL MAPS, PAGES 94-103, IN THE OFFICE OF THE CITY & COUNTY RECORDER.



MOWA

MICHAEL A. O'CONNELL
SENIOR ASSOCIATE PRINCIPAL
BKF ENGINEERS



02/27/24
DATE



APPROVED:

WILLIAM E. BLACKWELL JR., PLS 8251
CITY & COUNTY SURVEYOR

DATE

CITY AND COUNTY OF SAN FRANCISCO
SAN FRANCISCO PUBLIC WORKS

OFFICIAL GRADES OF SIDEWALK AND CURB ELEVATIONS ALONG 20TH STREET, ILLINOIS STREET, MICHIGAN STREET, 21ST STREET, LOUISIANA STREET, MARYLAND STREET, AND 22ND STREET

FILE: Q-20-1194

SHEET 1 OF 17

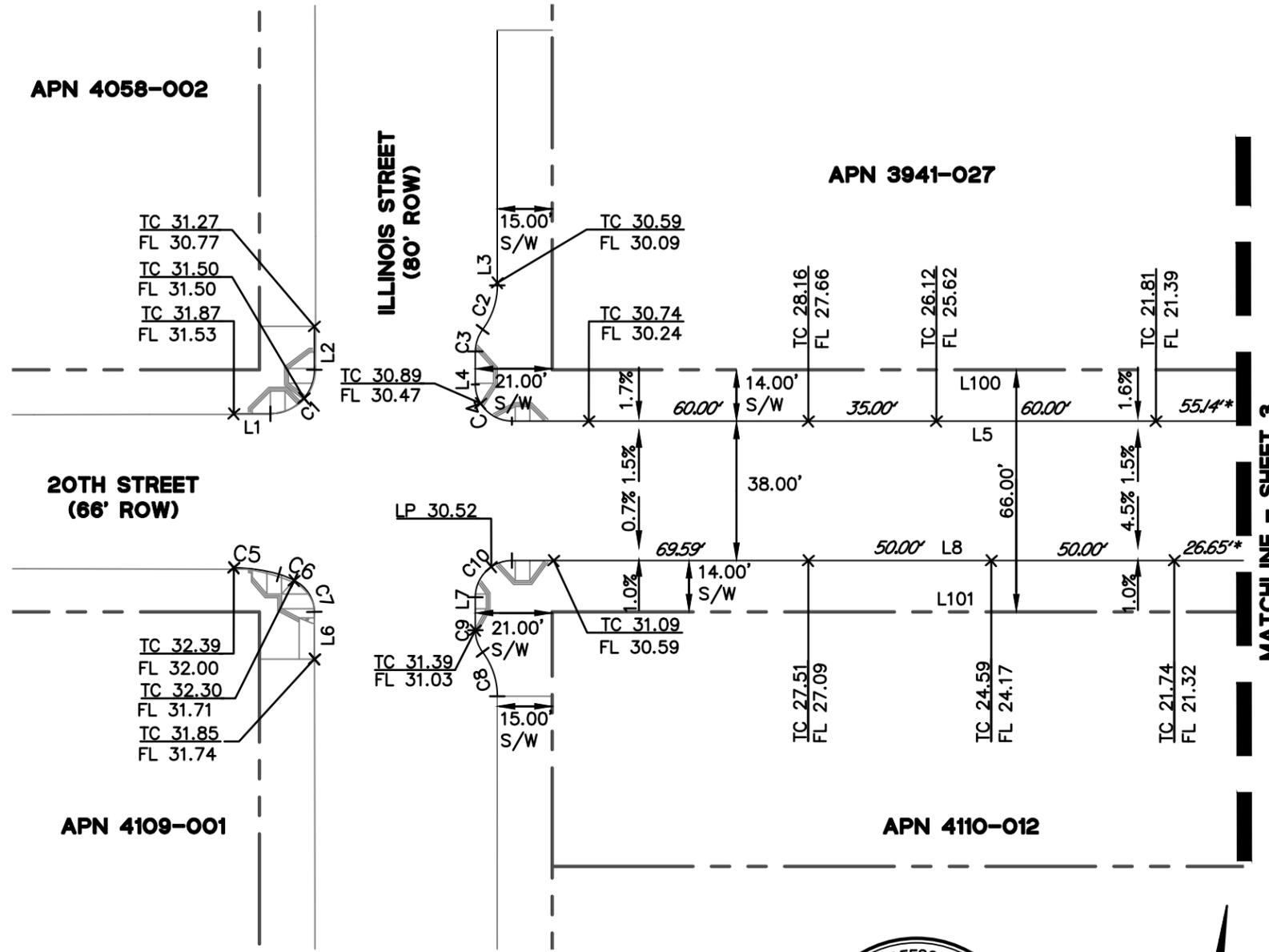
SCALE: 1" = 40'

REVISION

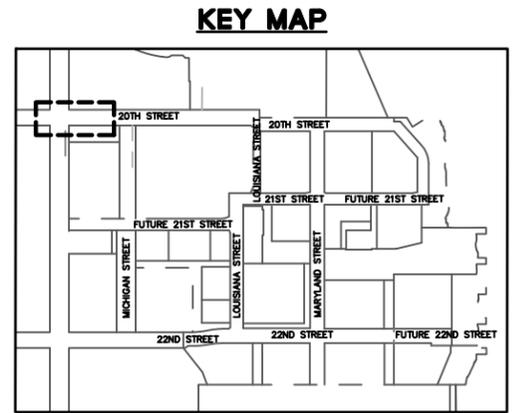
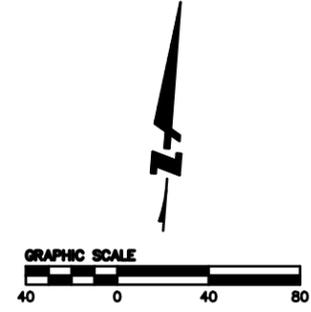
LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L1	10.00	S85°38'01"W
L2	11.84	S04°21'59"E
L3	69.58	N04°21'59"W
L4	9.00	N04°21'59"W
L5	513.65	S85°38'01"W
L6	12.85	S04°22'05"E
L7	9.00	S04°21'59"E
L8	223.00	S85°38'01"W

LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L100	800.00	S85°38'01"W
L101	762.07	N85°38'01"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C1	18.85	12.00	090°00'00"
C2	12.87	20.00	036°52'12"
C3	6.44	10.00	036°52'45"
C4	15.71	10.00	090°00'00"
C5	12.49	45.21	015°49'41"
C7	10.72	9.62	063°49'18"
C8	12.87	20.00	036°51'51"
C9	6.44	10.00	036°52'19"
C10	15.71	10.00	090°00'00"



NOTES:
 1. ITALIC NUMBERS REPRESENT THE DISTANCE BETWEEN ELEVATIONS.
 * AN ASTERISK INDICATES THE NEXT ELEVATION IS CONTINUED ON THE FOLLOWING PAGE.



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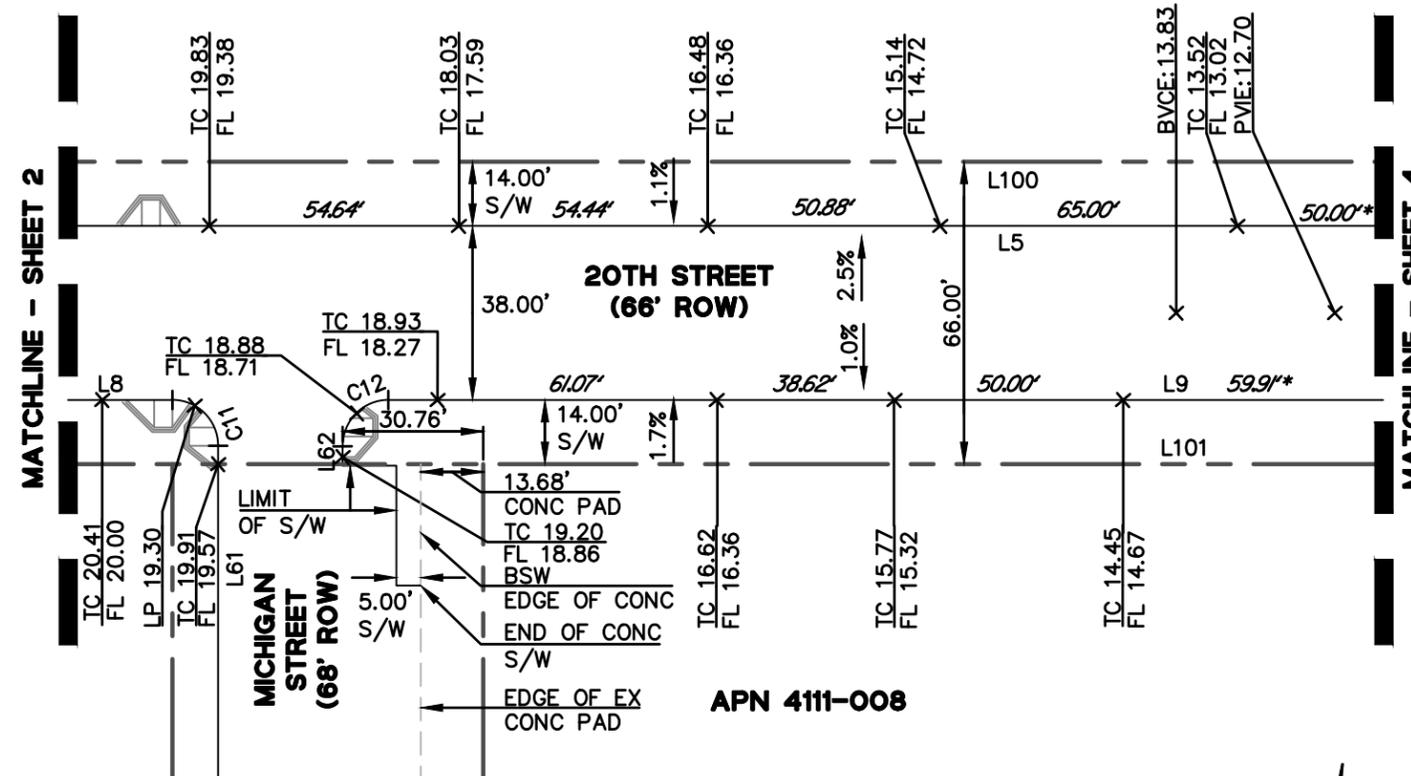
FILE: Q-20-1194	SHEET 2 OF 17	SCALE: 1" = 40'	REVISION
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LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L5	513.65	S85°38'01"W
L8	223.00	S85°38'01"W
L9	220.90	N85°38'01"E
L61	150.00	N04°21'59"W
L62	4.24	N04°21'37"W

LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L100	800.00	S85°38'01"W
L101	762.07	N85°38'01"E

APN 3941-027

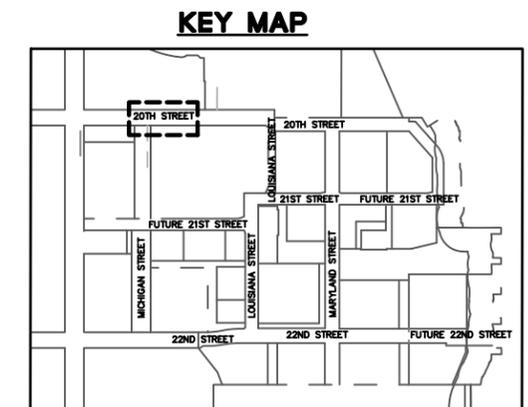
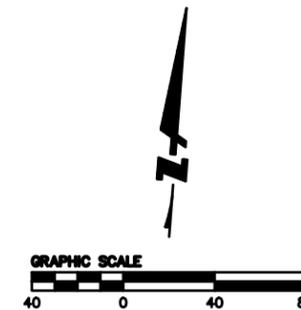


CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C11	15.71	10.00	090°00'00"
C12	15.80	10.00	090°32'46"

APN 4111-008

NOTES:

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FILE: Q-20-1194

SHEET 3 OF 17

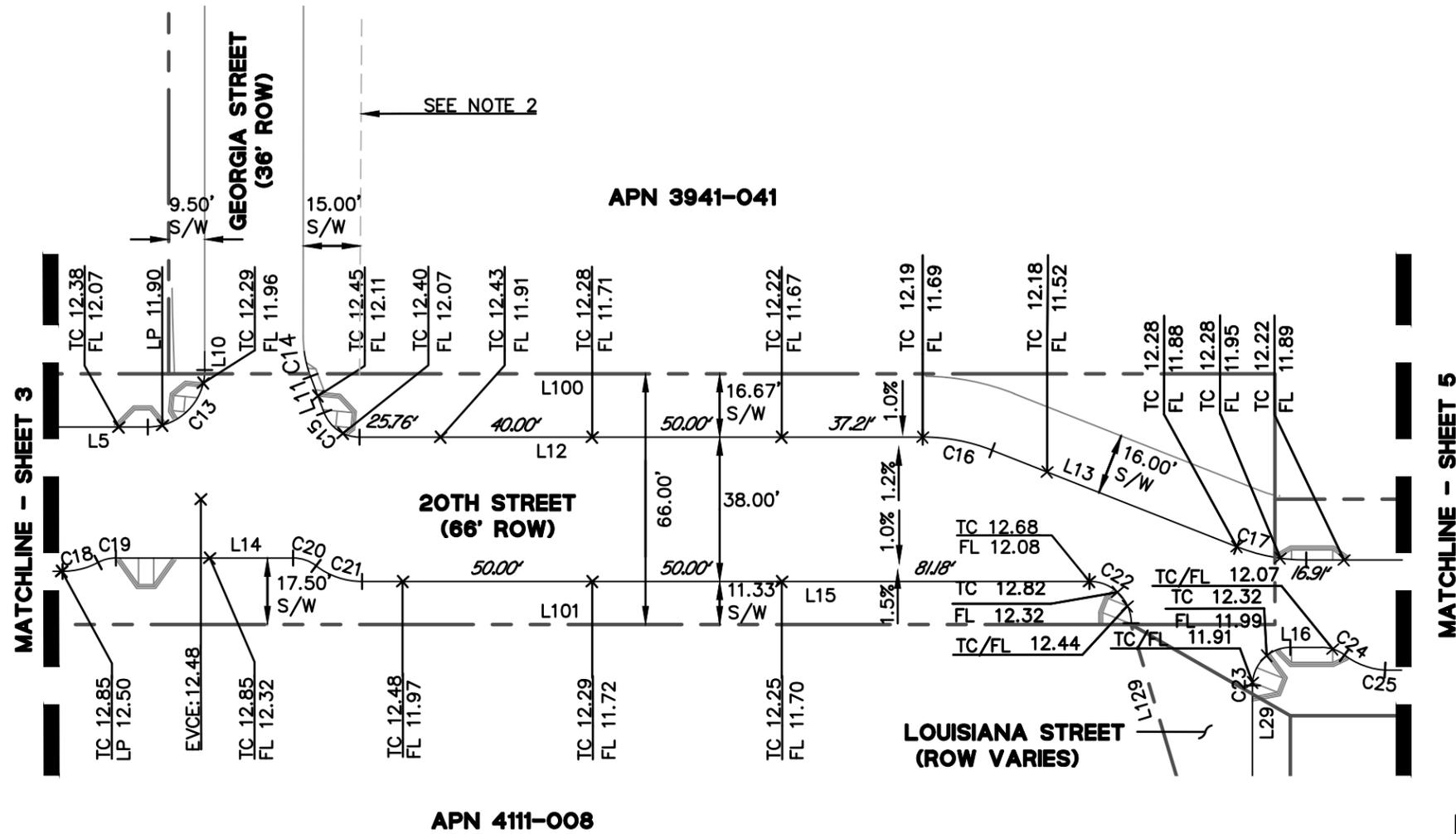
SCALE: 1" = 40'

REVISION

LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L5	513.65	S85°38'01"W
L10	4.88	S04°21'59"E
L11	10.14	N25°01'42"W
L12	148.59	S85°38'01"W
L13	69.38	N72°53'43"W
L14	46.76	N85°38'01"E
L15	191.89	S85°38'01"W
L16	8.26	S85°41'09"W
L29	259.09	S04°21'59"E

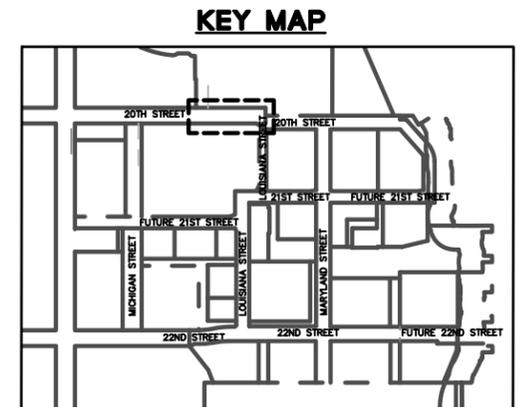
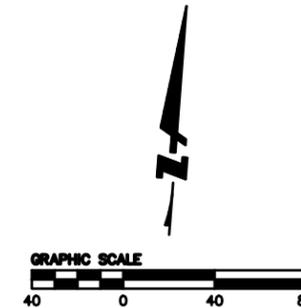
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L100	800.00	S85°38'01"W
L101	762.07	N85°38'01"E
L129	41.76	S21°03'56"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C13	23.56	15.00	090°00'00"
C14	6.80	30.00	012°59'39"
C15	12.10	10.00	069°20'17"
C16	18.74	50.00	021°28'15"
C17	18.74	50.00	021°28'15"
C18	9.76	20.00	027°57'10"
C19	4.88	10.00	027°57'12"
C20	6.53	10.00	037°23'50"
C21	13.06	20.00	037°24'02"
C22	17.28	11.00	090°00'00"
C23	15.71	10.00	090°00'48"
C24	11.60	20.00	033°13'14"
C25	11.60	20.00	033°13'14"



NOTES:

1. ITALIC NUMBERS REPRESENT THE DISTANCE BETWEEN ELEVATIONS.
 2. BSW AT EXISTING BUILDING WALL.
- * AN ASTERISK INDICATES THE NEXT ELEVATION IS CONTINUED ON THE FOLLOWING PAGE.



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FILE: Q-20-1194

SHEET 4 OF 17

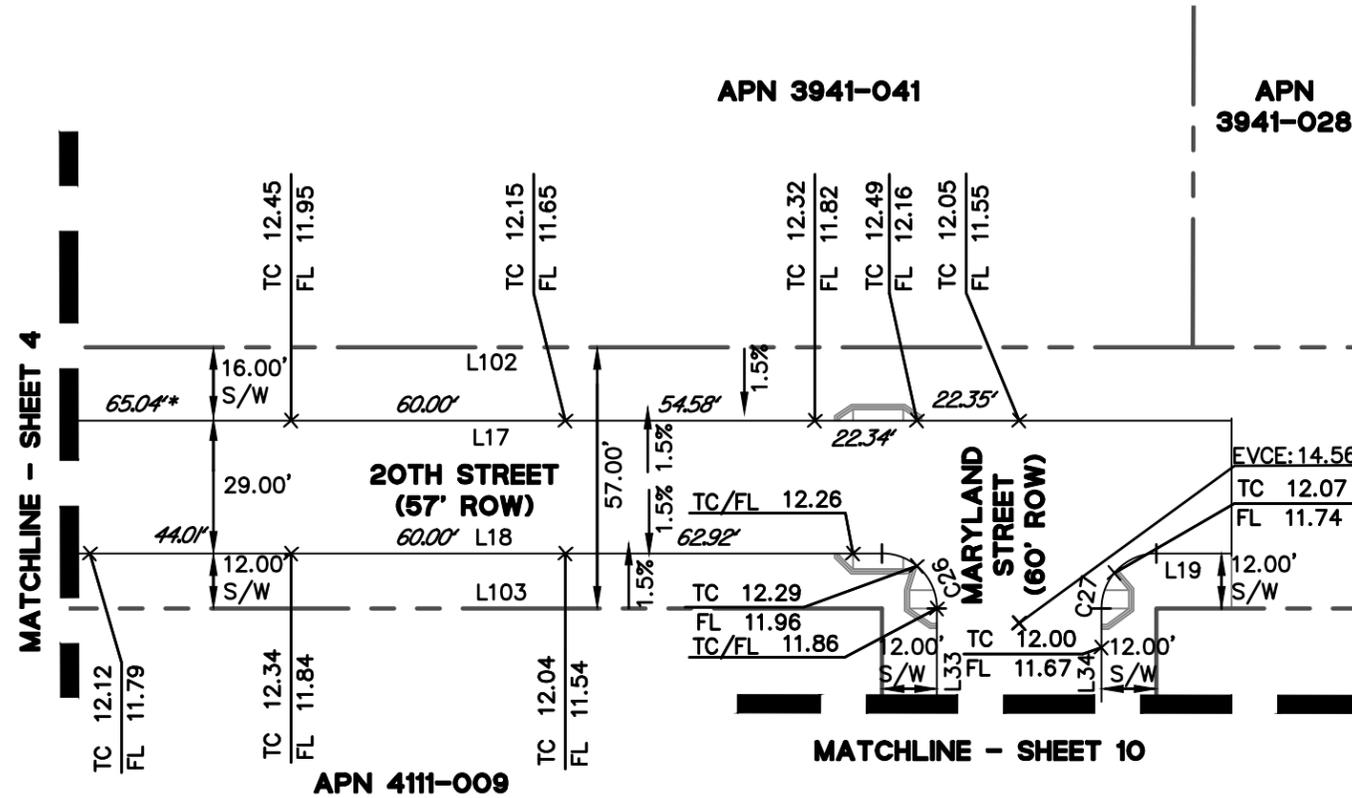
SCALE: 1" = 40'

REVISION

LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L17	280.80	S85°38'01"W
L18	183.51	S85°38'01"W
L19	16.48	S85°38'01"W
L33	253.06	N04°21'58"W
L34	251.09	S04°21'59"E

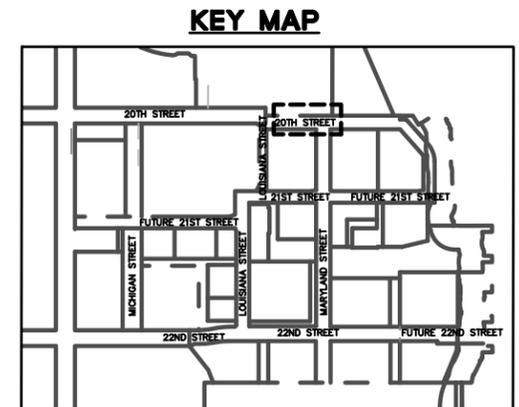
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L102	288.28	S85°40'45"W
L103	208.50	S85°38'01"W

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C26	18.85	12.00	090°00'00"
C27	18.86	12.00	090°02'04"



NOTES:

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FILE: Q-20-1194

SHEET 5 OF 17

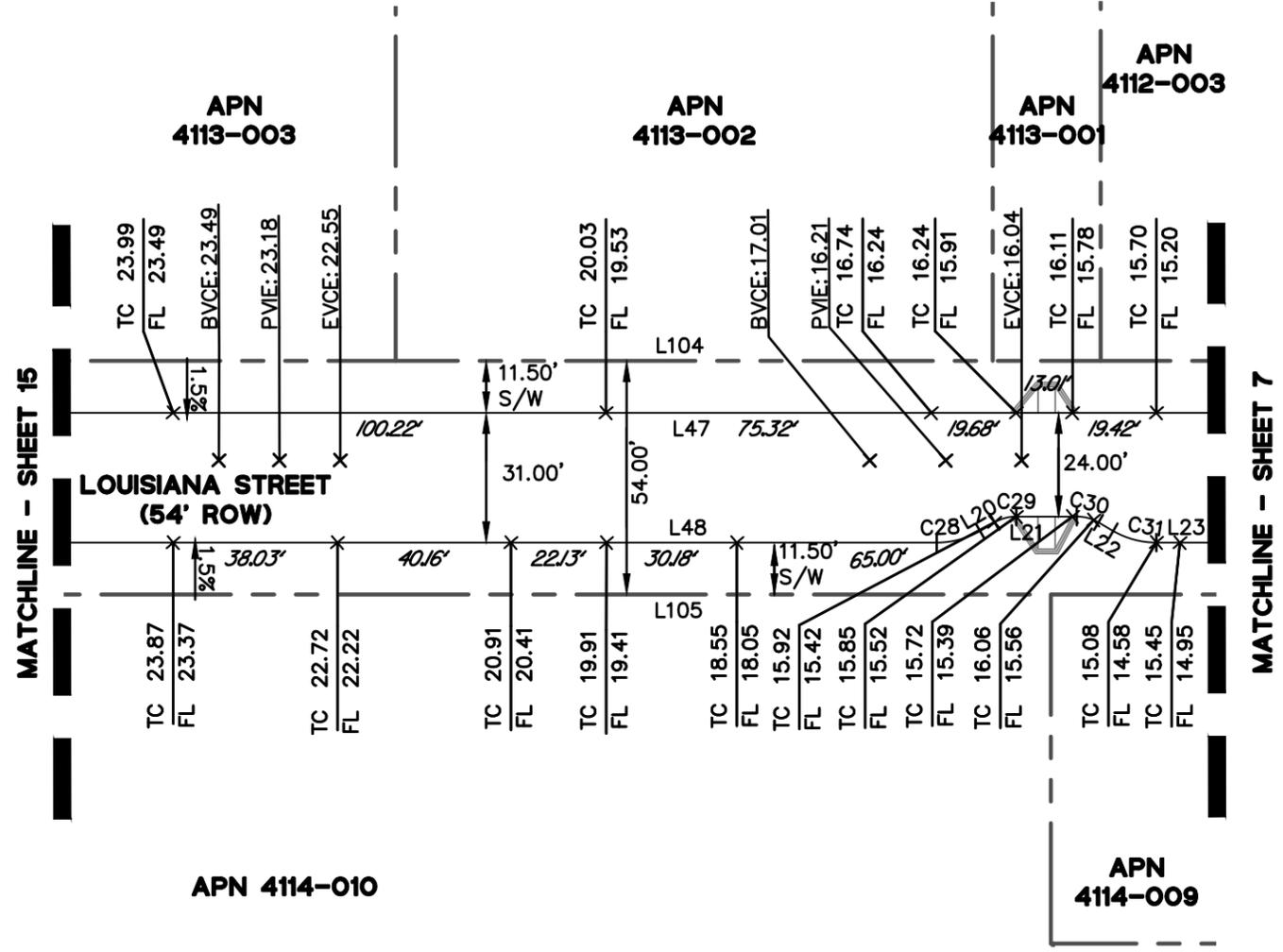
SCALE: 1" = 40'

REVISION

LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L20	3.94	S34°23'53"E
L21	14.00	S04°21'59"E
L22	3.94	S25°39'56"W
L23	222.06	S04°21'59"E
L47	366.25	S04°21'59"E
L48	246.80	S04°21'59"E

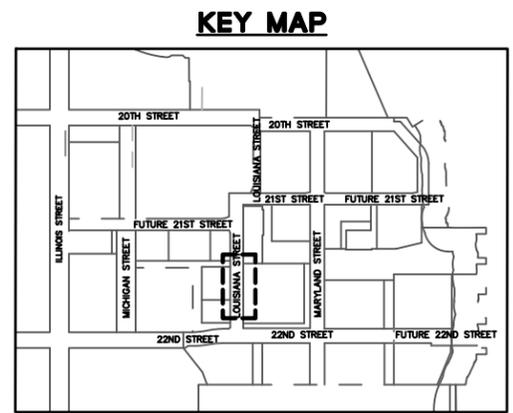
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L104	394.46	S04°21'59"E
L105	517.71	N04°21'59"W

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C28	10.48	20.00	030°01'54"
C29	5.24	10.00	030°01'54"
C30	5.24	10.00	030°01'54"
C31	10.48	20.00	030°01'54"



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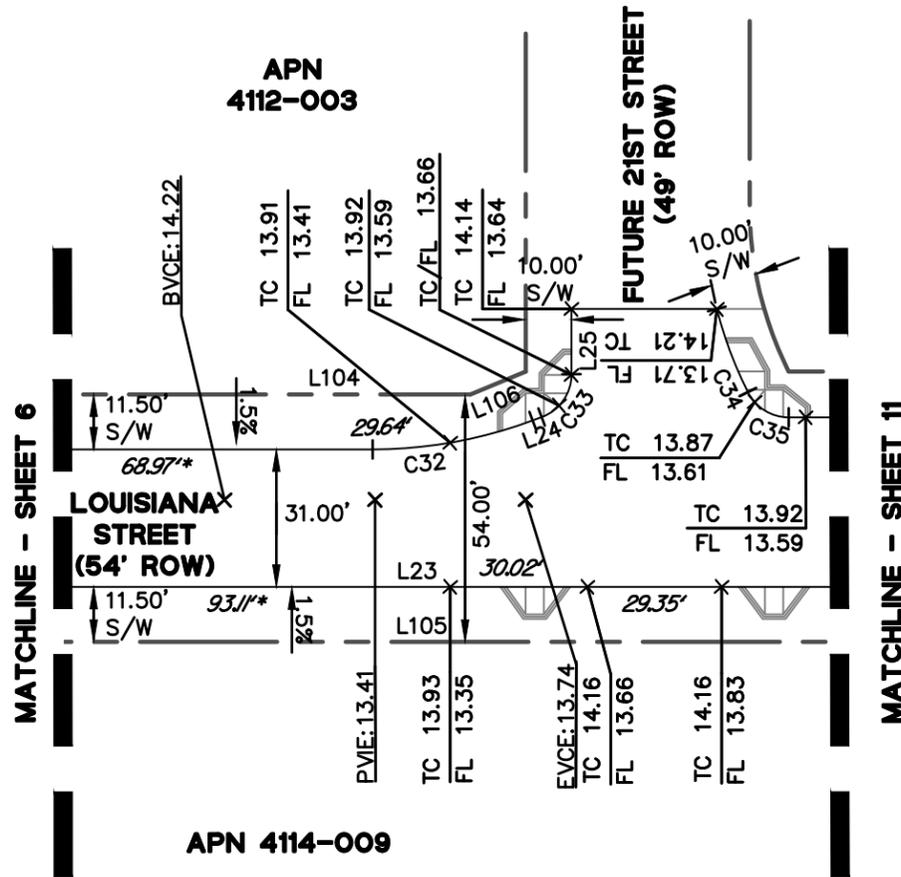
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LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L23	222.06	S04°21'59"E
L24	2.13	S24°48'40"E
L25	14.21	N85°38'01"E

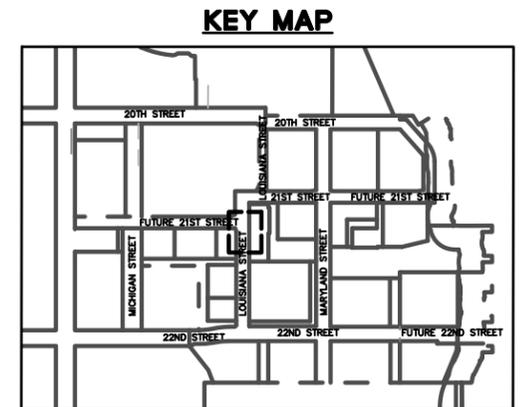
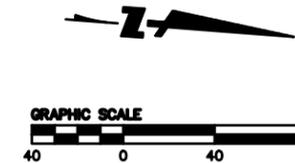
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L104	394.46	S04°21'59"E
L105	517.71	N04°21'59"W
L106	13.09	S26°49'04"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C32	35.75	100.00	020°29'00"
C33	12.14	10.00	069°33'18"
C34	19.41	90.00	012°21'27"
C35	11.05	10.00	063°17'07"



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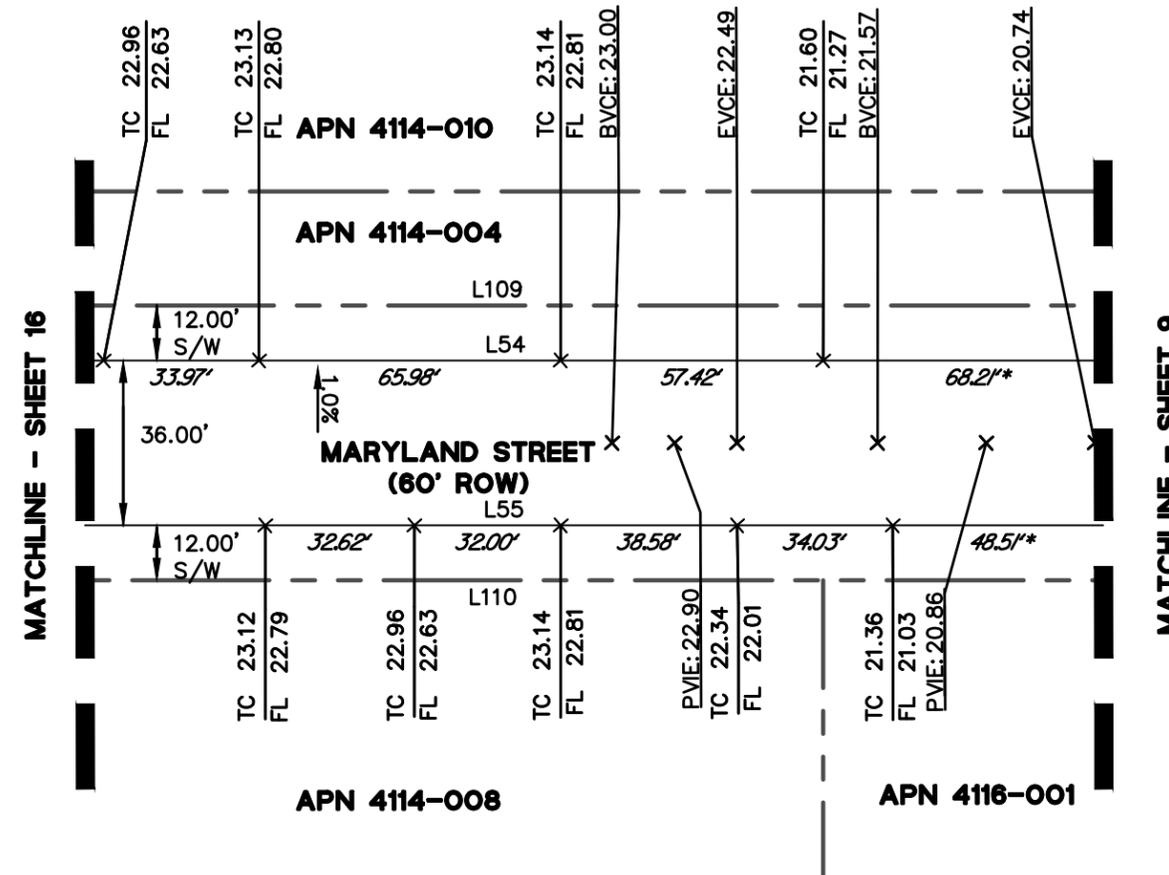
SHEET 7 OF 17

SCALE: 1" = 40'

REVISION

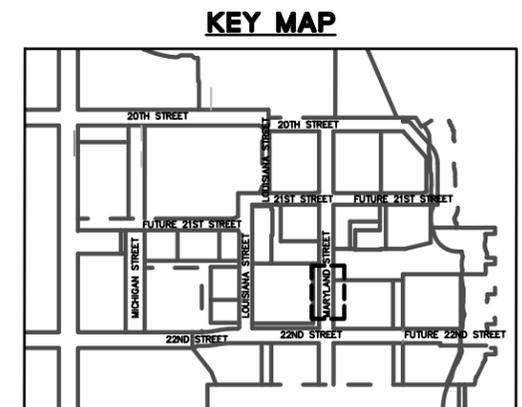
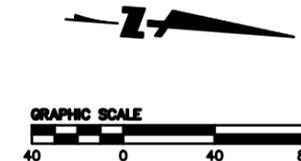
LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L54	517.71	N04°21'58"W
L55	519.71	N04°21'58"W

LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L109	517.71	N04°21'59"W
L110	519.71	N04°21'59"W



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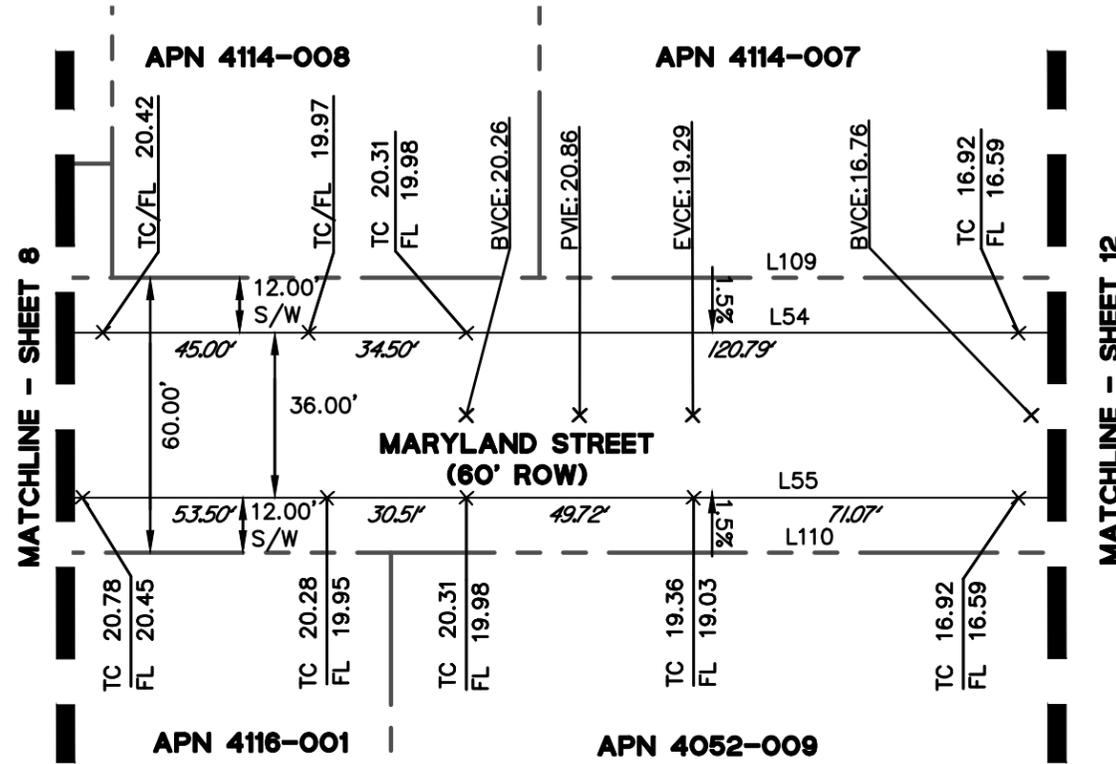
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FILE: Q-20-1194	SHEET 8 OF 17	SCALE: 1" = 40'	REVISION
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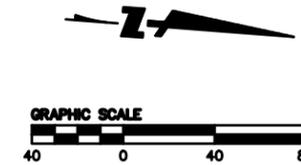
LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L54	517.71	N04°21'58"W
L55	519.71	N04°21'58"W

LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L109	517.71	N04°21'59"W
L110	519.71	N04°21'59"W



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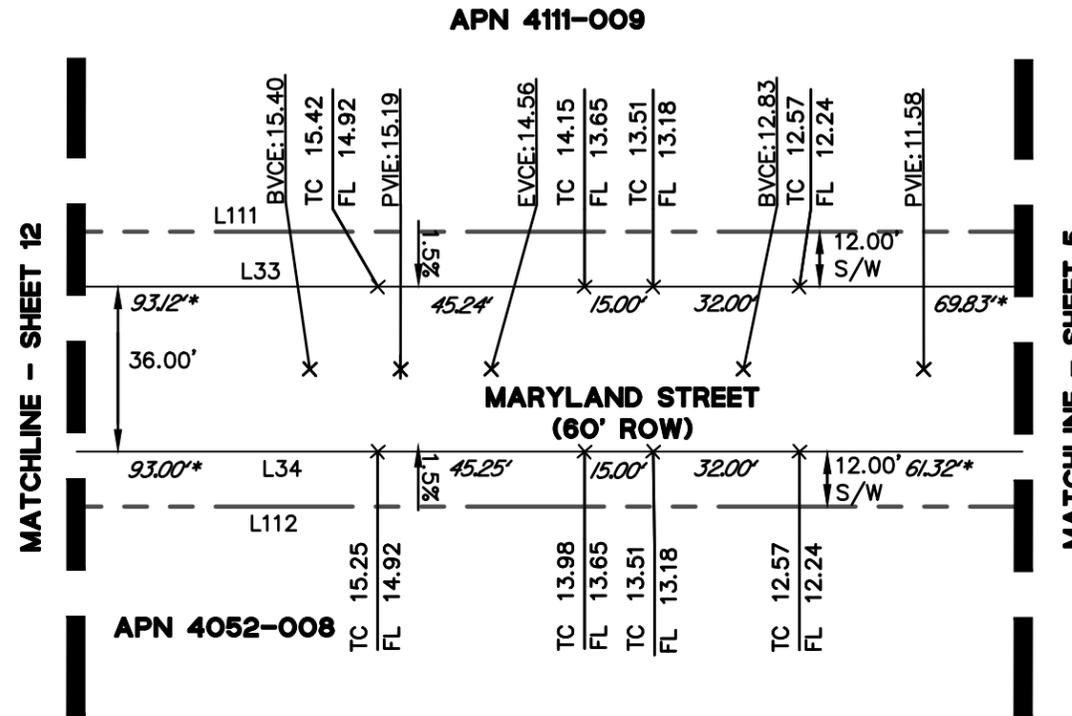
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FILE: Q-20-1194	SHEET 9 OF 17	SCALE: 1" = 40'	REVISION
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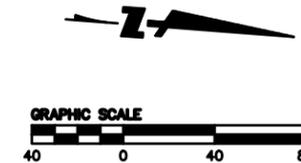
LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L33	253.06	N04°21'58"W
L34	251.09	S04°21'59"E

LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L111	255.09	N04°21'59"W
L112	255.09	N04°21'59"W

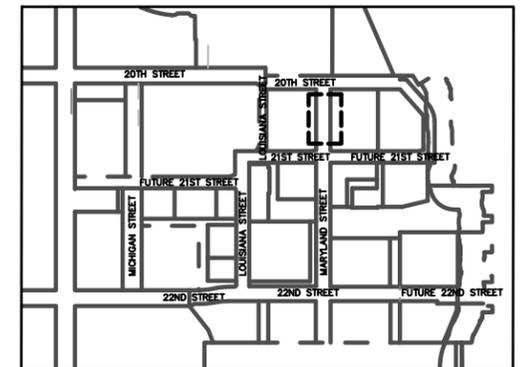


NOTES:

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KEY MAP



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FILE: Q-20-1194

SHEET 10 OF 17

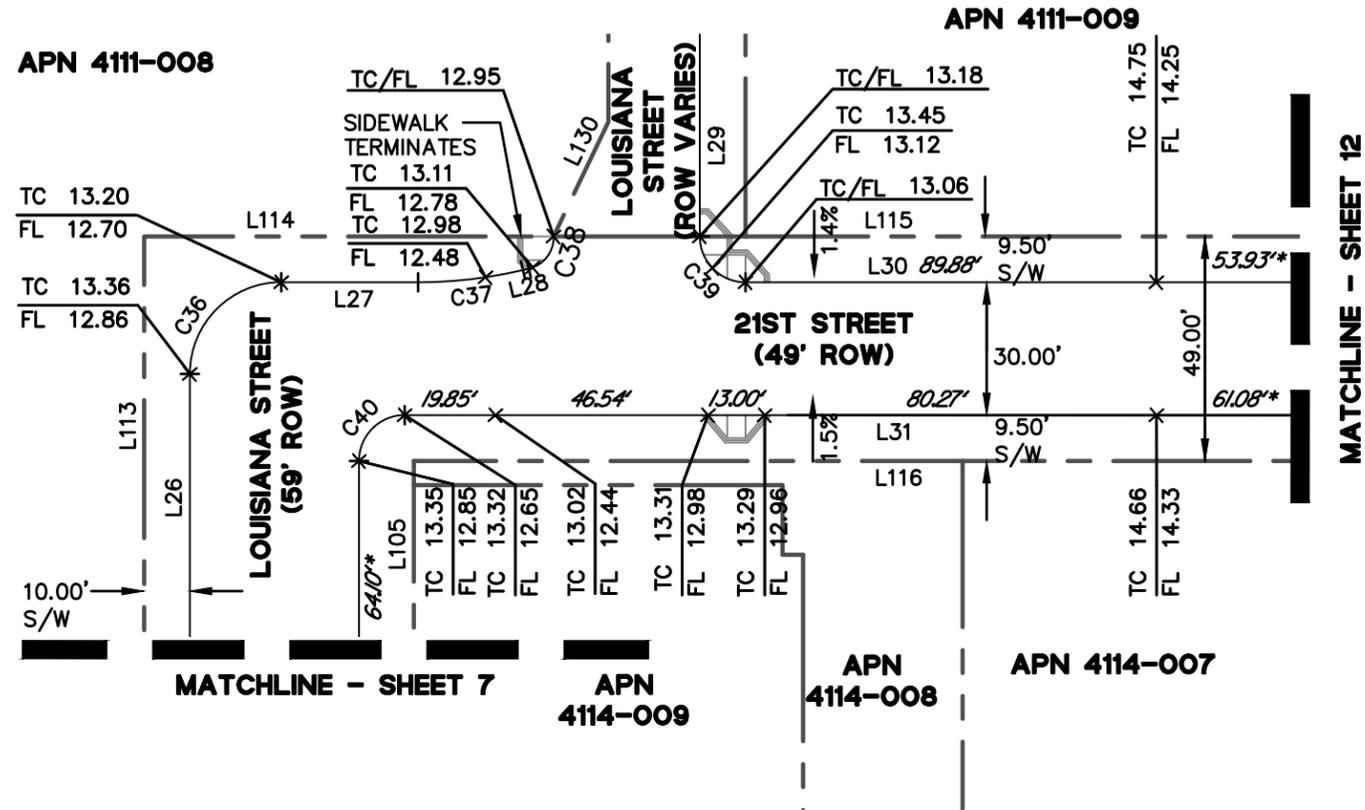
SCALE: 1" = 40'

REVISION

LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L26	68.43	N04°21'59"W
L27	29.93	N85°38'01"E
L28	1.32	N72°26'47"E
L29	259.09	S04°21'59"E
L30	179.75	N85°38'02"E
L31	283.07	S85°38'02"W
L105	517.71	N04°21'59"W

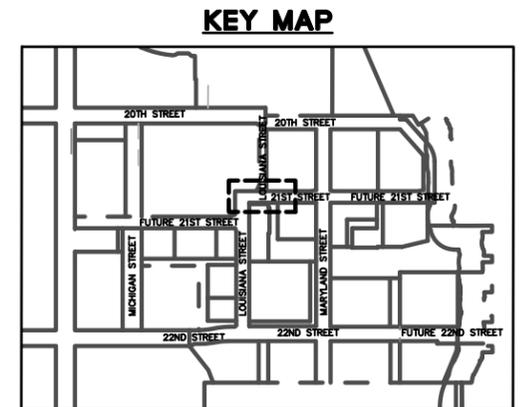
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L113	98.46	S04°21'57"E
L114	89.57	S85°38'02"W
L115	188.75	N85°38'01"E
L116	281.07	N85°38'01"E
L130	27.73	S21°16'29"W

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C36	31.42	20.00	090°00'00"
C37	23.16	100.01	013°15'59"
C38	9.38	7.00	076°48'46"
C39	15.71	10.00	090°00'00"
C40	15.71	10.00	090°00'00"



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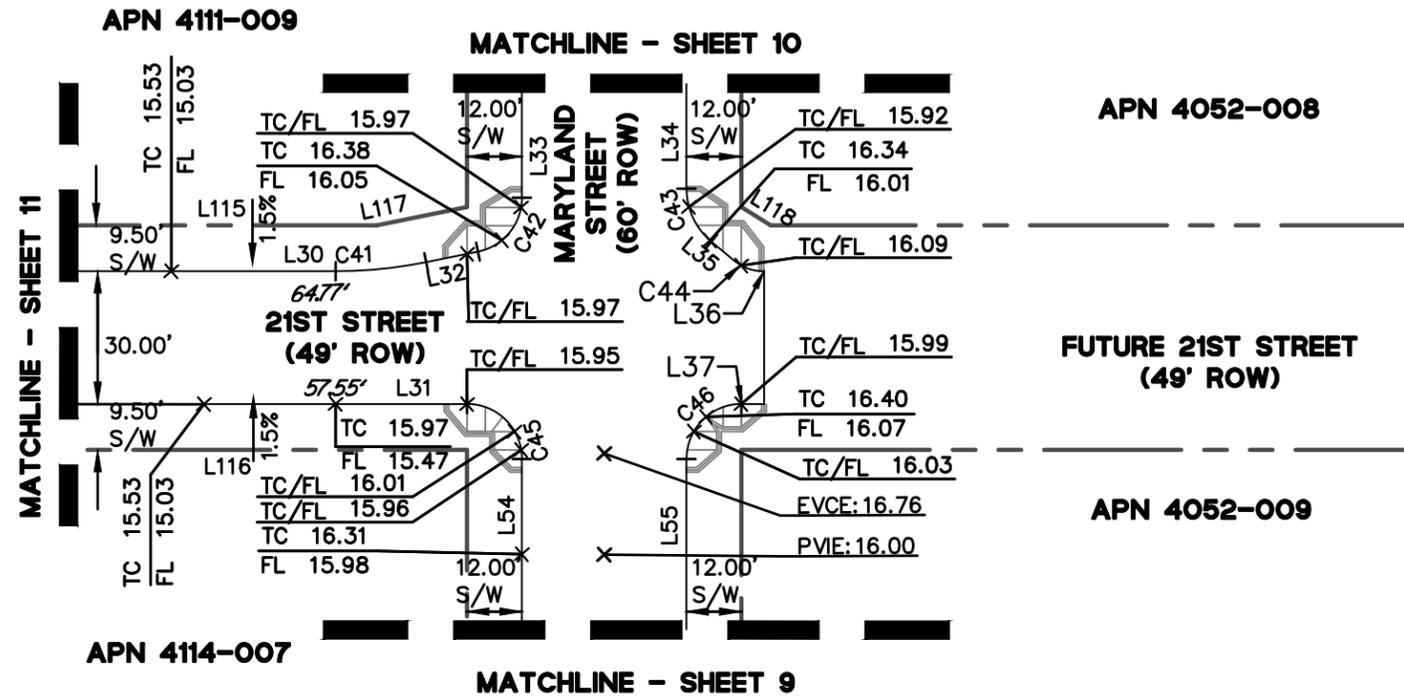
SHEET 11 OF 17

SCALE: 1" = 40'

REVISION

LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L30	179.75	N85°38'02"E
L31	283.07	S85°38'02"W
L32	11.55	N74°12'37"E
L33	253.06	N04°21'58"W
L34	251.09	S04°21'59"E
L35	6.58	S54°42'33"E
L36	1.06	N85°38'01"E
L37	4.97	N85°38'01"E
L54	517.71	N04°21'58"W
L55	519.71	N04°21'58"W

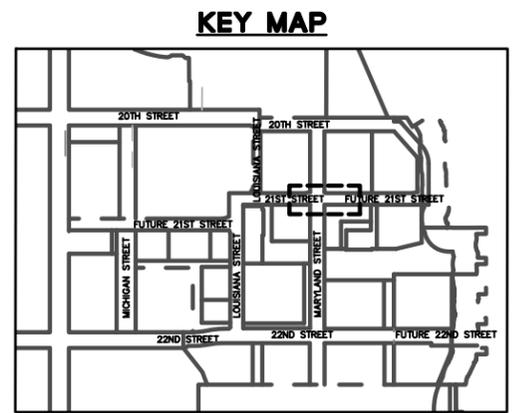
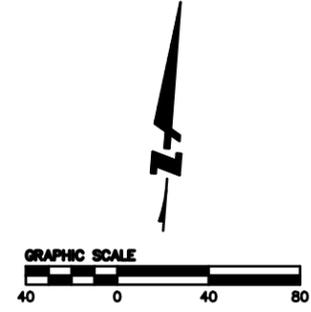
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L115	188.75	N85°38'01"E
L116	281.07	N85°38'01"E
L117	20.15	N74°11'04"E
L118	7.55	S62°21'39"E



CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C41	19.94	100.00	011°25'24"
C42	16.46	12.00	078°34'36"
C43	13.18	15.00	050°20'34"
C44	2.34	10.00	013°24'39"
C45	18.85	12.00	090°00'00"
C46	18.85	12.00	090°00'00"

NOTES:

- ITALIC NUMBERS REPRESENT THE DISTANCE BETWEEN ELEVATIONS.
- * AN ASTERISK INDICATES THE NEXT ELEVATION IS CONTINUED ON THE FOLLOWING PAGE.



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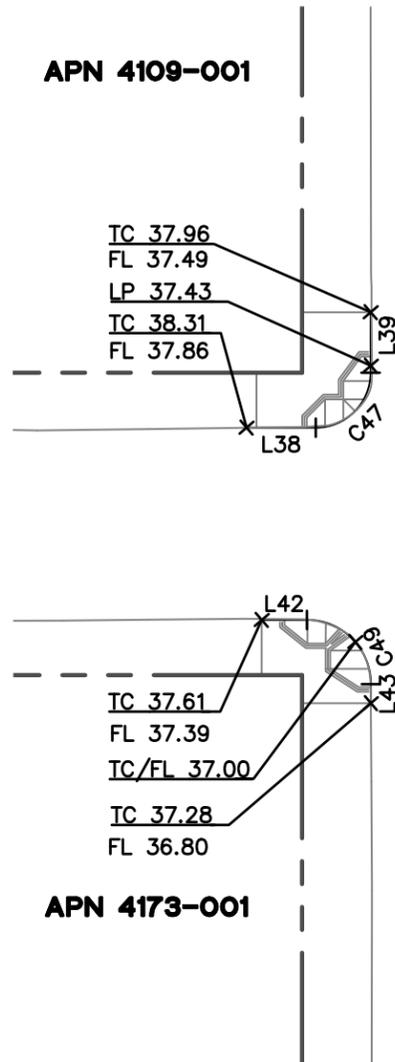
FILE: Q-20-1194	SHEET 12 OF 17	SCALE: 1" = 40'	REVISION
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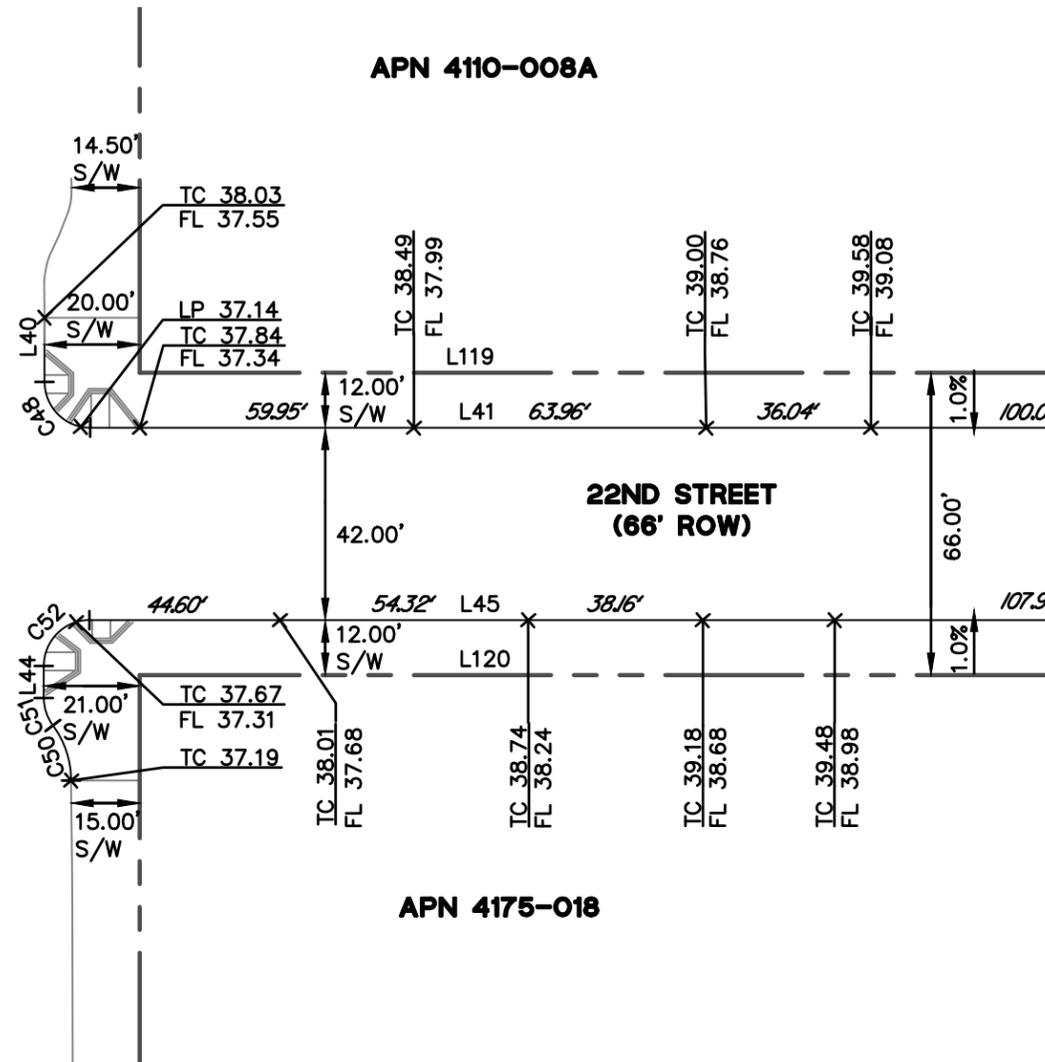
LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L38	15.15	N85°38'01"E
L39	13.20	N04°21'59"W
L40	14.00	N04°22'06"W
L41	530.84	S85°38'01"W
L42	9.88	S85°38'01"W
L43	4.17	N04°21'59"W
L44	7.00	S04°21'59"E
L45	486.24	N85°38'01"E

LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L119	480.00	N85°38'01"E
L120	480.00	N85°38'01"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C47	18.85	12.00	090°00'00"
C48	15.71	10.00	090°00'00"
C49	21.99	14.00	090°00'00"
C50	12.87	20.00	036°51'22"
C51	6.44	10.00	036°52'12"
C52	15.71	10.00	090°00'00"



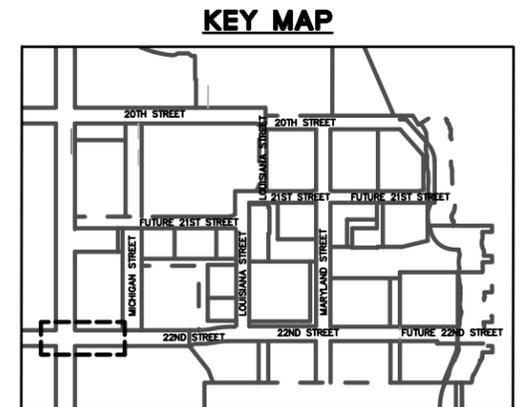
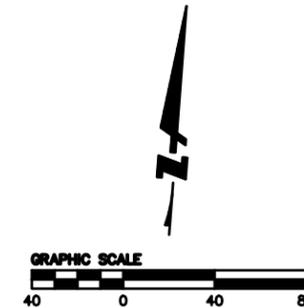
ILLINOIS STREET
(80' ROW)



MATCHLINE - SHEET 14

NOTES:

- ITALIC NUMBERS REPRESENT THE DISTANCE BETWEEN ELEVATIONS.
- * AN ASTERISK INDICATES THE NEXT ELEVATION IS CONTINUED ON THE FOLLOWING PAGE.



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FILE: Q-20-1194

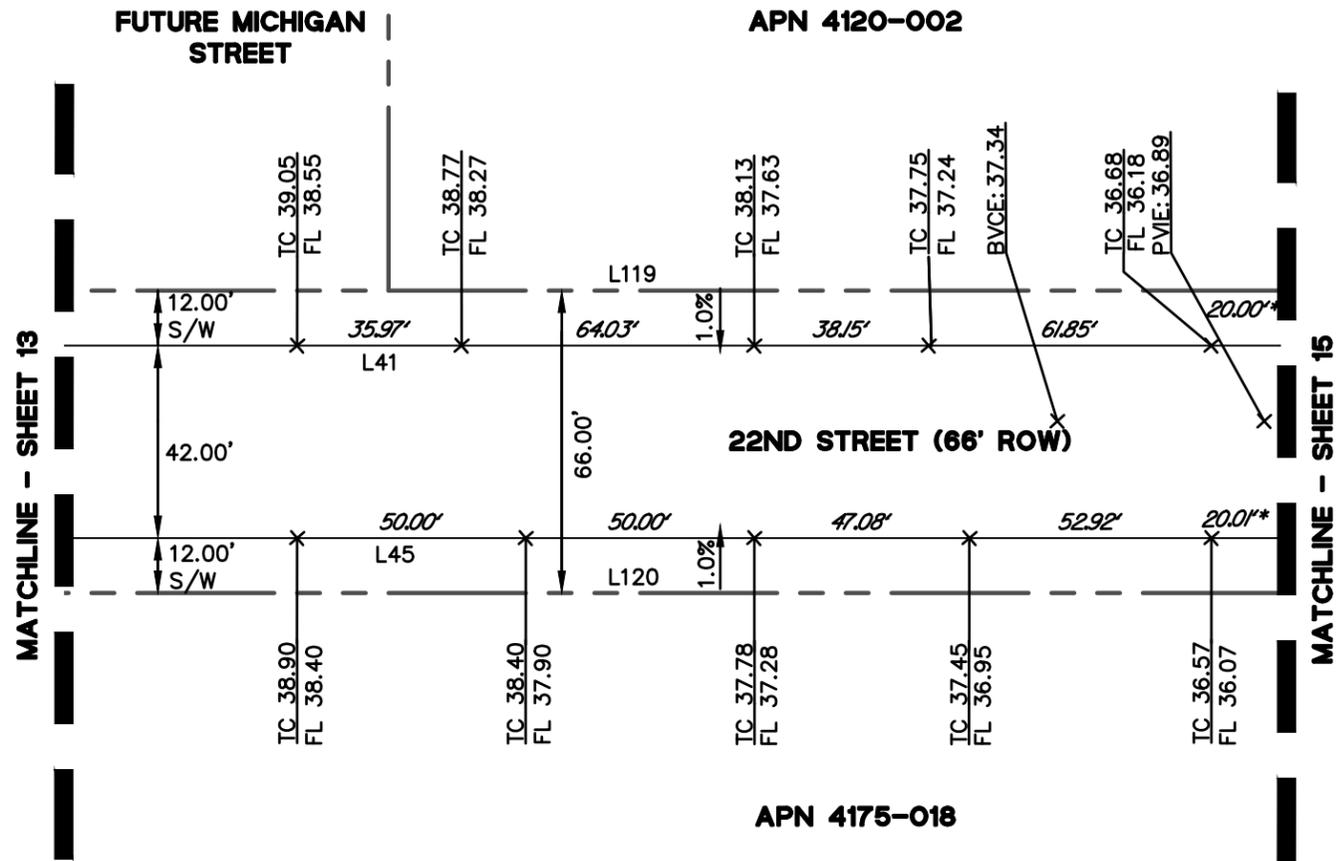
SHEET 13 OF 17

SCALE: 1" = 40'

REVISION

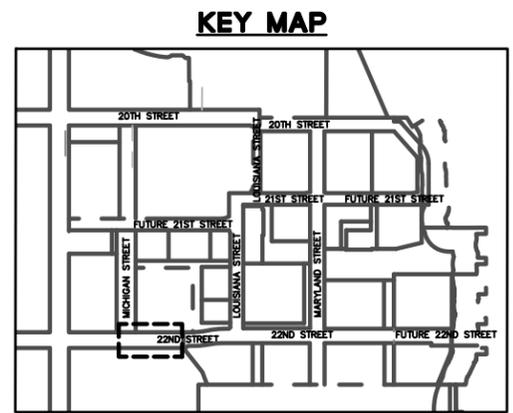
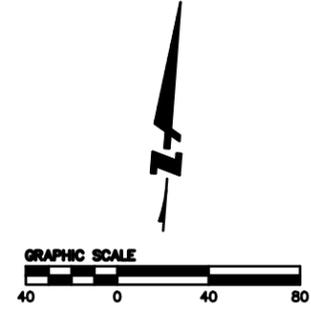
LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L41	530.84	S85°38'01"W
L45	486.24	N85°38'01"E

LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L119	480.00	N85°38'01"E
L120	480.00	N85°38'01"E



NOTES:

- ITALIC NUMBERS REPRESENT THE DISTANCE BETWEEN ELEVATIONS.
- * AN ASTERISK INDICATES THE NEXT ELEVATION IS CONTINUED ON THE FOLLOWING PAGE.



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FILE: Q-20-1194	SHEET 14 OF 17	SCALE: 1" = 40'	REVISION
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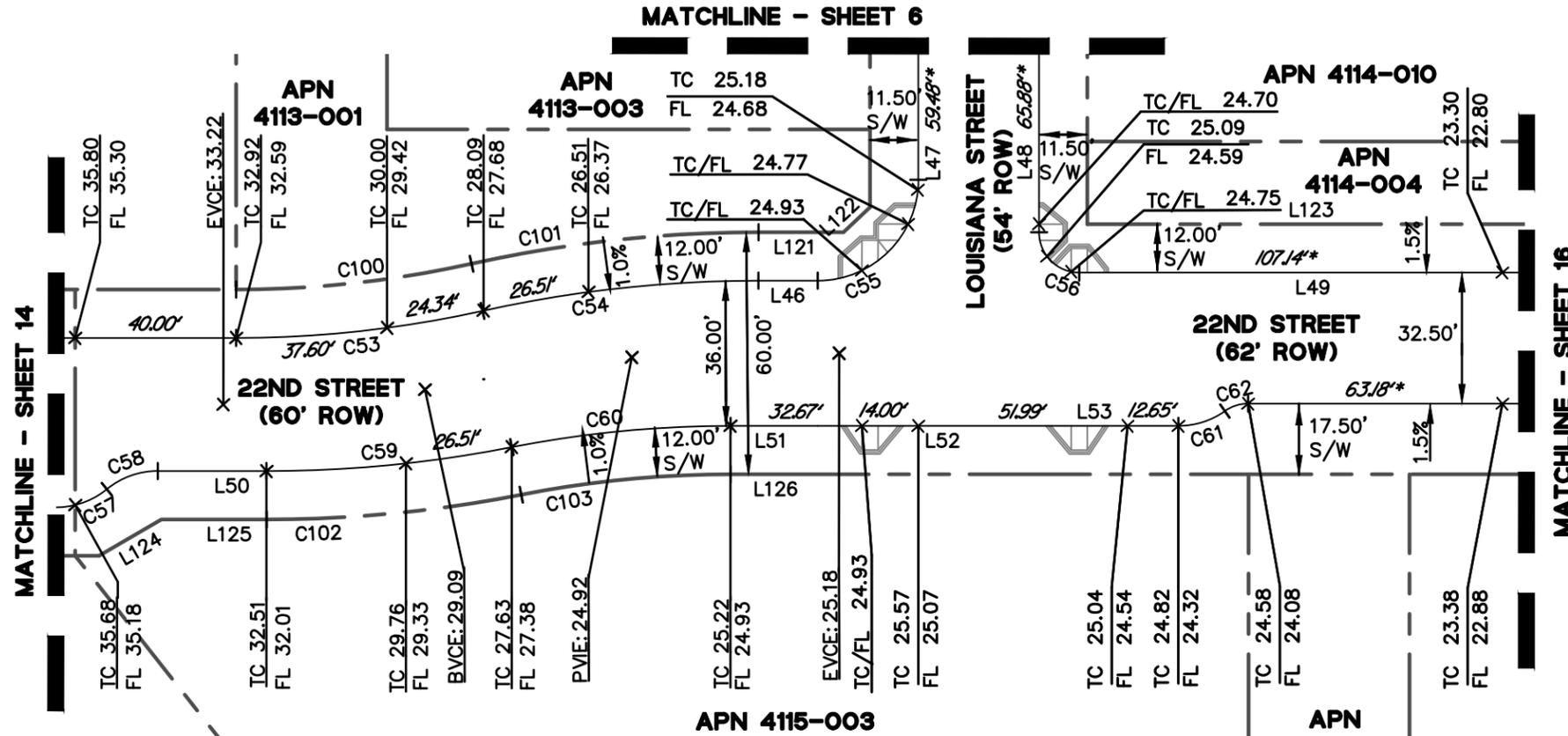
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LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L46	14.74	S85°38'01"W
L47	366.25	S04°21'59"E
L48	246.80	S04°21'59"E
L49	285.07	N85°38'01"E
L50	27.02	N85°38'01"E
L51	21.66	N85°38'01"E
L52	36.00	S85°38'01"W
L53	53.64	S85°38'01"W

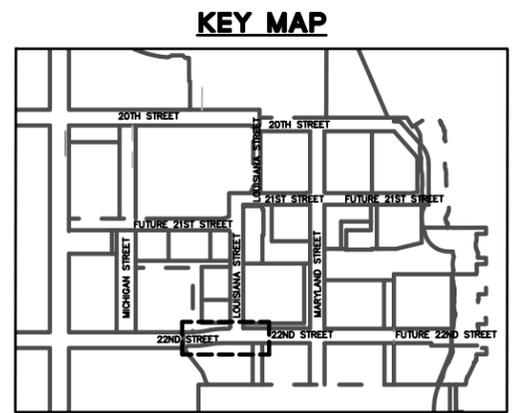
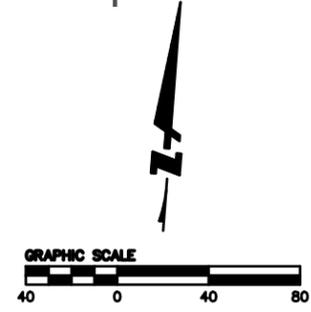
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L121	21.08	S85°38'01"W
L122	9.05	N42°28'11"E
L123	281.07	S85°38'01"W
L124	17.91	N55°28'14"E
L125	26.17	N85°38'01"E
L126	368.74	S85°38'01"W

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C53	61.69	283.00	012°29'25"
C54	69.10	317.00	012°29'25"
C55	39.27	25.00	090°00'00"
C56	15.71	10.00	090°00'00"
C57	13.68	20.00	039°11'42"
C58	13.68	20.00	039°11'05"
C59	61.35	316.50	011°06'23"
C60	54.68	282.00	011°06'36"
C61	12.30	20.00	035°14'51"
C62	6.15	10.00	035°14'39"

BSW & ROW CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C100	58.94	270.50	012°29'06"
C101	71.91	330.00	012°29'06"
C102	63.65	328.50	011°06'07"
C103	52.32	270.00	011°06'07"



NOTES:
 1. ITALIC NUMBERS REPRESENT THE DISTANCE BETWEEN ELEVATIONS.
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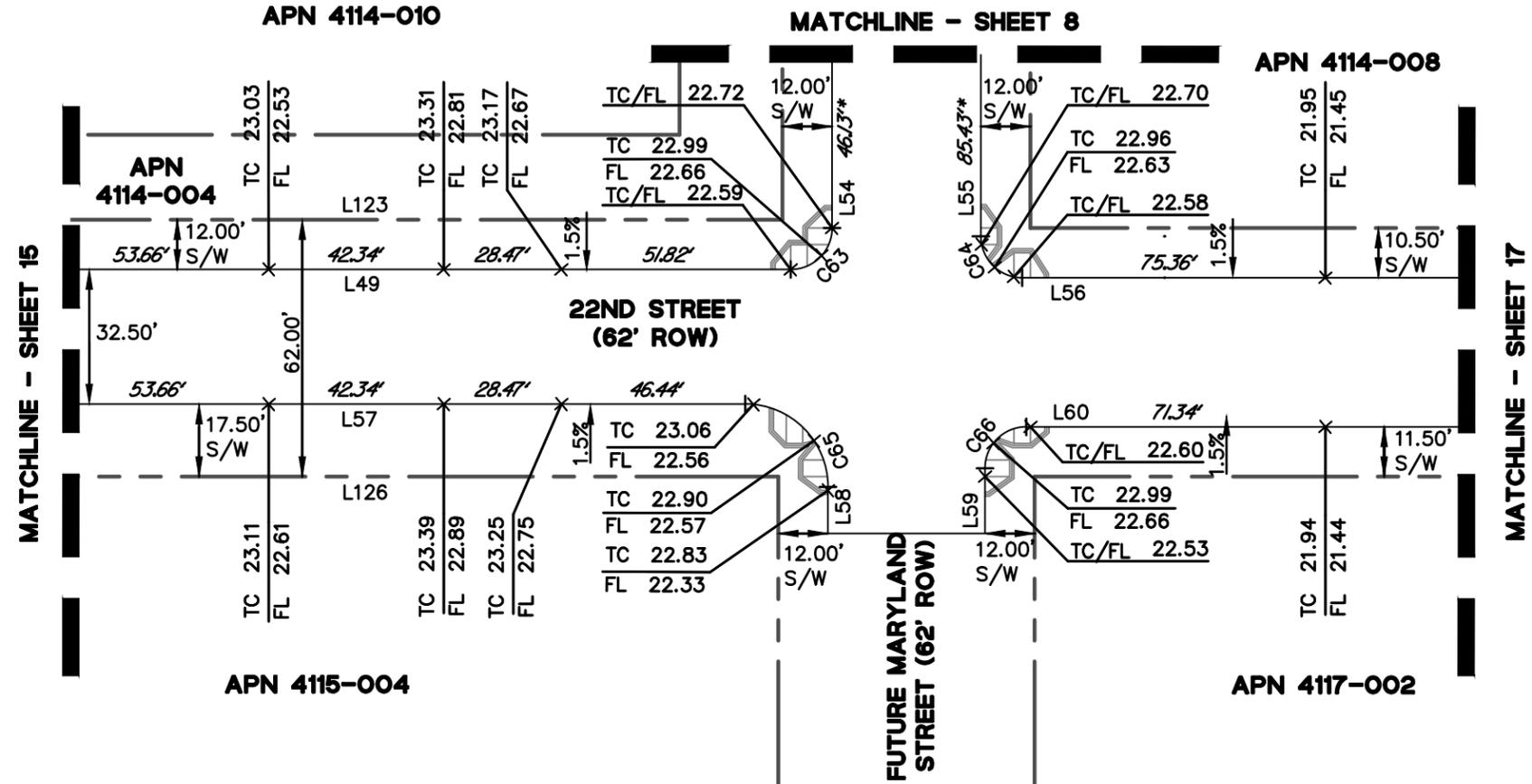
FILE: Q-20-1194 SHEET 15 OF 17 SCALE: 1" = 40' REVISION

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LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L49	285.07	N85°38'01"E
L54	517.71	N04°21'58"W
L55	519.71	N04°21'58"W
L56	294.00	S85°38'01"W
L57	232.12	S85°38'01"W
L58	11.24	N04°21'54"W
L59	15.74	N04°21'58"W
L60	293.00	N85°38'01"E

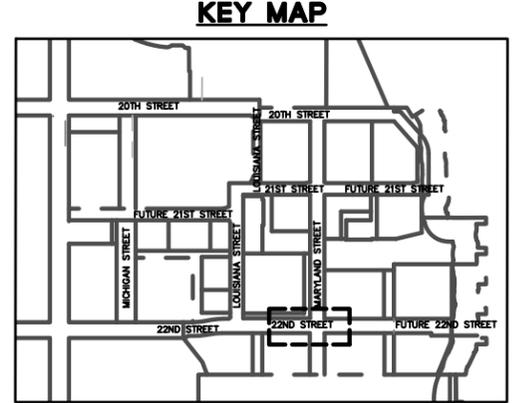
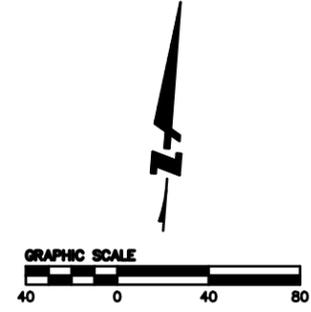
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L123	281.07	S85°38'01"W
L126	368.74	S85°38'01"W

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C63	15.71	10.00	090°00'00"
C64	15.71	10.00	090°00'00"
C65	31.42	20.00	089°59'53"
C66	15.71	10.00	090°00'00"



NOTES:

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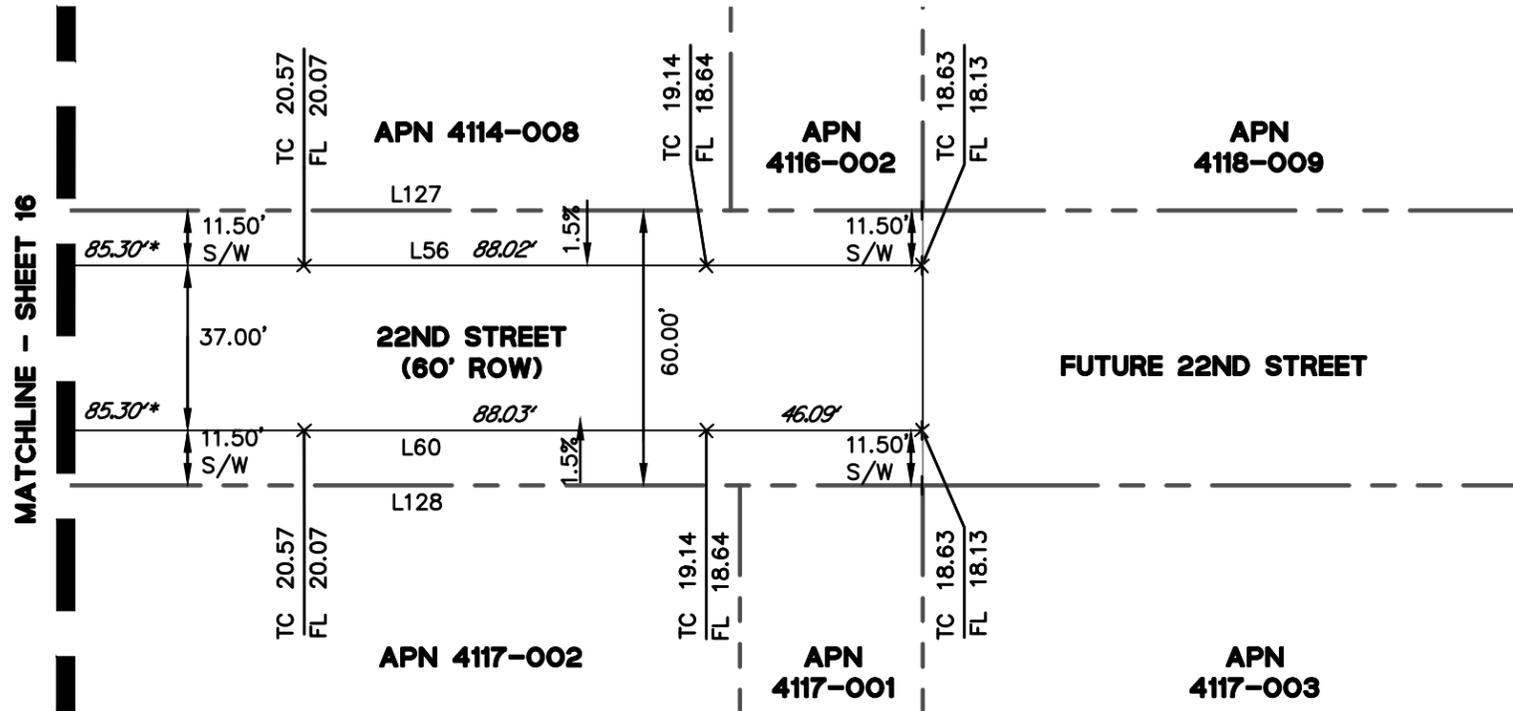
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FILE: Q-20-1194 SHEET 16 OF 17 SCALE: 1" = 40' REVISION

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LINE TABLE - SIDEWALK		
LINE NO.	LENGTH	DIRECTION
L56	294.00	S85°38'01"W
L60	293.00	N85°38'01"E

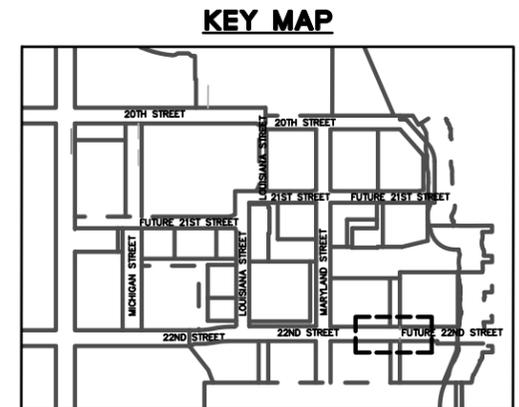
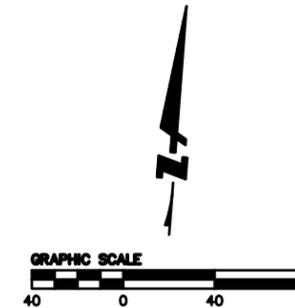
LINE TABLE - BSW & ROW		
LINE NO.	LENGTH	DIRECTION
L127	292.00	S85°38'01"W
L128	291.00	S85°38'01"W



MATCHLINE - SHEET 16

NOTES:

- ITALIC NUMBERS REPRESENT THE DISTANCE BETWEEN ELEVATIONS.
- * AN ASTERISK INDICATES THE NEXT ELEVATION IS CONTINUED ON THE FOLLOWING PAGE.



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FILE: Q-20-1194	SHEET 17 OF 17	SCALE: 1" = 40'	REVISION
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