

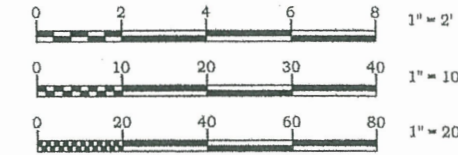
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
DOWNTOWN SIDEWALK IMPROVEMENTS  
PHASE 3

PROJECT NO.: 2EFK (707)  
JOB NO.: C-97-017-23  
SECTION: 18-00057-00-SW  
CITY OF MARSHALL  
CLARK COUNTY, ILLINOIS  
ENHANCEMENT FUNDS

SCALES  
PLAN: 1 INCH = 10 FEET  
PROFILE HORIZONTAL: 1 INCH = 10 FEET  
PROFILE VERTICAL: 1 INCH = 2 FEET  
TYPICAL CROSS SECTIONS: NOT-TO-SCALE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS MAY NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

ILLINOIS HIGHWAY STANDARDS	
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-08	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
542606-02	REINFORCED CONCRETE PIPE TEE
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' (1.22m) DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' (1.52m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-06	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720001-01	TELESCOPING STEEL SIGN SUPPORT
814001-03	HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
825011-04	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
836001-04	LIGHT POLE FOUNDATION

FUNCTIONAL CLASSIFICATION -	5th STREET - LOCAL STREET
	6th STREET - MAJOR COLLECTOR
	7th STREET - LOCAL STREET
	PLUM STREET - LOCAL STREET
TRAFFIC COUNT -	5th STREET - 650 A.D.T.
	6th STREET - 1250 A.D.T.
	7th STREET - 850 A.D.T.
	PLUM STREET - 500/600 A.D.T.

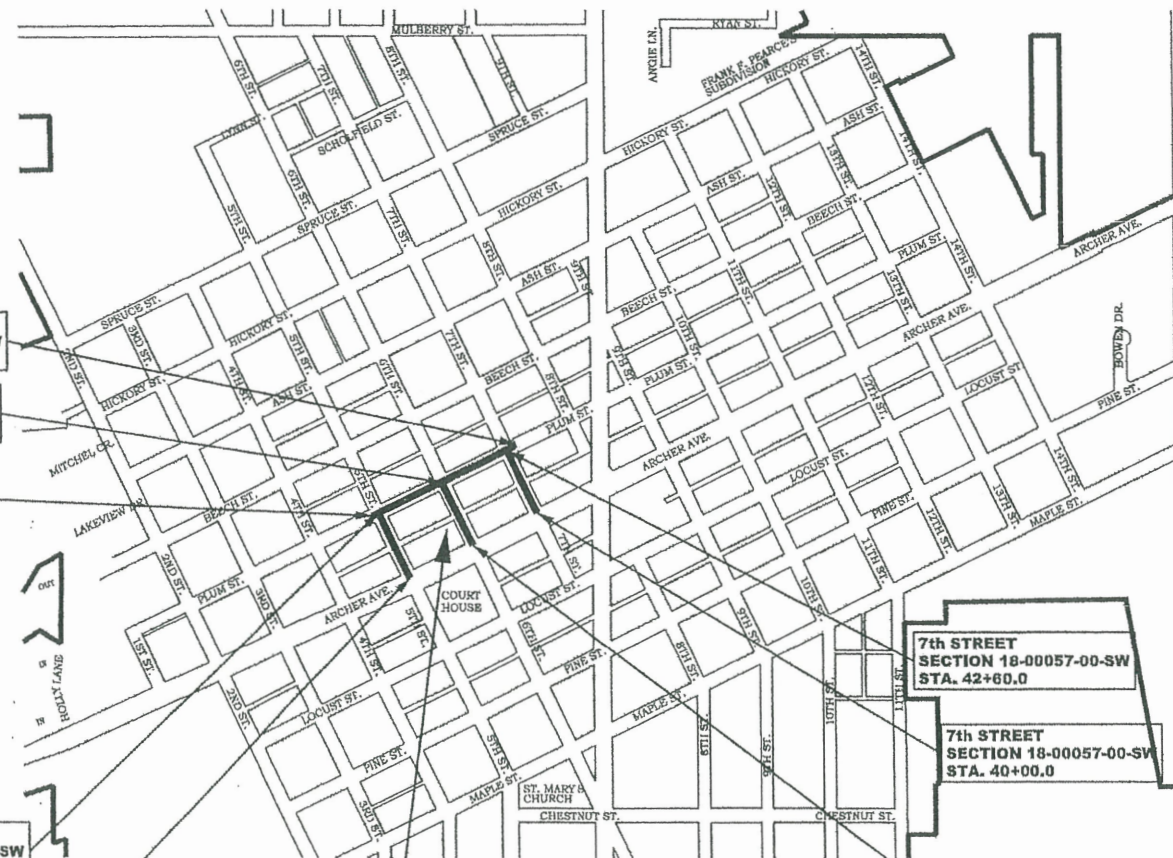
PLUM STREET  
SECTION 18-00057-00-SW  
STA. 27+11.5

6th STREET  
SECTION 18-00057-00-SW  
STA. 32+61.0

PLUM STREET  
SECTION 18-00057-00-SW  
STA. 19+62.0

5th STREET  
SECTION 18-00057-00-SW  
STA. 12+60.0

5th STREET  
SECTION 18-00057-00-SW  
STA. 10+00.0



PROJECT LOCATION  
CITY OF MARSHALL  
(NOT TO SCALE)  
LOCATION MAP

TOTAL LENGTH OF 5th STREET = 260.0 LIN. FT. = 0.05 MILES  
TOTAL LENGTH OF 6th STREET = 261.0 LIN. FT. = 0.05 MILES  
TOTAL LENGTH OF 7th STREET = 260.0 LIN. FT. = 0.05 MILES  
TOTAL LENGTH OF PLUM STREET = 749.5 LIN. FT. = 0.14 MILES  
NET LENGTH OF PROJECT = 1,530.5 LIN. FT. = 0.29 MILES

THE SEAL OF THE ENGINEER SHOWN BELOW APPLIES TO SHEETS 1 THRU 5 (SIDE A) AND SHEETS 7 THRU 21.

*Corey M. Franzen* 6/15/2023  
COREY M. FRANZEN DATE  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062062154  
LICENSE EXPIRES 11/30/23



THE SEAL OF THE ENGINEER SHOWN BELOW APPLIES TO SHEET 5 (SIDE B) AND SHEET 6

*Mark A. Bingham* 6/14/2023  
MARK A. BINGHAM DATE  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062066480  
LICENSE EXPIRES 11/30/23



ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED:	<i>John Blawie</i> 06/14/2023 CITY OF MARSHALL - MAYOR
PASSED:	<i>Bob Walker</i> 06/16/2023 DISTRICT 7 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW:	<i>Jeffrey...</i> 06/16/23 REGION 4 ENGINEER



CONTACT JULIE AT 811 OR 800-892-0123  
With the following:  
County CLARK  
City/Township CITY OF MARSHALL / MARSHALL  
Sec & 1/4 Sec No. SW 1/4 SEC. 12 - T11N-R12W, 2nd P.M.  
48 HOURS (2 working days) BEFORE YOU DIG



330 NORTH CENTRAL AVENUE  
PARIS, ILLINOIS 61944  
PH. (217) 465-5306

**SUMMARY OF QUANTITIES**

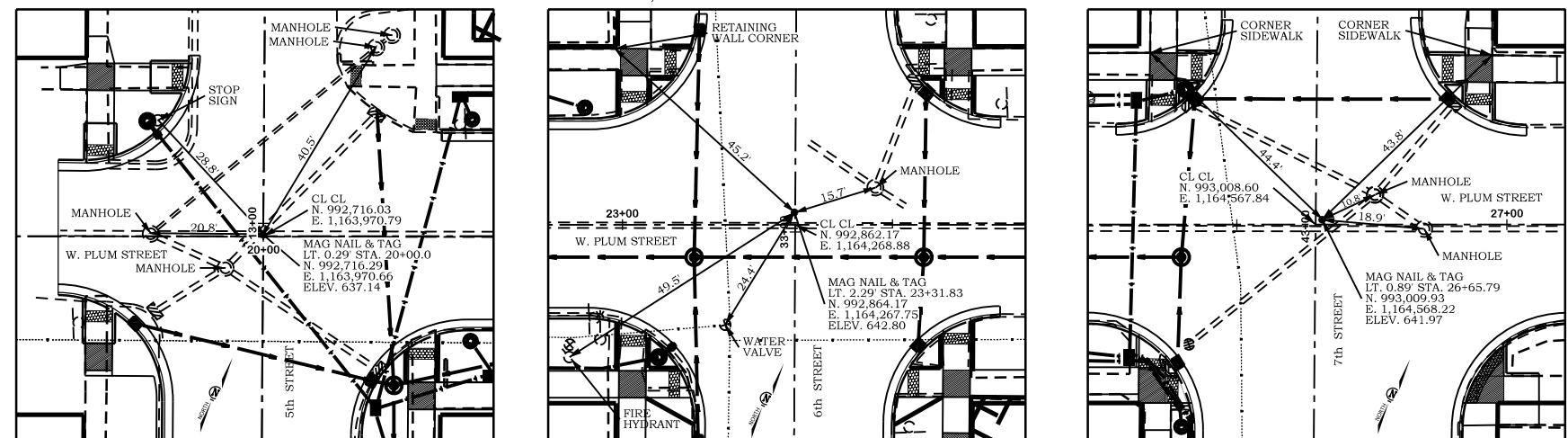
CODE NUMBER	ITEM	UNIT	QUANTITY	CODE NUMBER	ITEM	UNIT	QUANTITY
20800150	TRENCH BACKFILL	CU YD	516.6	60500060	REMOVING INLETS	EACH	6
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	302.9	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2453.2
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	720	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	284
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50	66900530	SOIL DISPOSAL ANALYSIS	EACH	5
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	252	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	17948.8	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1384.3	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5
42400800	DETECTABLE WARNINGS	SQ FT	242.7	67100100	MOBILIZATION	L SUM	1
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	695.6	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2441.7	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
44000600	SIDEWALK REMOVAL	SQ FT	16863.4	72000100	SIGN PANEL - TYPE 1	SQ FT	12
44201329	CLASS C PATCHES, TYPE II, 8 INCH	SQ YD	22.2	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	60
44201333	CLASS C PATCHES, TYPE III, 8 INCH	SQ YD	21.6	81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	1391
44201335	CLASS C PATCHES, TYPE IV, 8 INCH	SQ YD	322.3	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2181
54216200	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER	EACH	2	81400100	HANDHOLE	EACH	18
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	340	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	5144
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	27	81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	8724
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	282	82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	2
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	323	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	188
550A0130	STORM SEWERS, CLASS A, TYPE 1 27"	FOOT	287	X0100025	FLOWABLE FILL	CU YD	5
56109210	WATER VALVES TO BE ADJUSTED	EACH	2	X0326694	PLUG EXISTING STORM SEWERS	CU YD	40
60218400	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	0.25
60221100	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	X5091765	PIPE HANDRAIL, SPECIAL	FOOT	27
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	11	XX000388	STORM WATER CURB OPENING	EACH	8
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2	XX007393	DECORATIVE LIGHT TYPE A	EACH	33
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1				
60258300	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1				
60263100	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1				

\* SPECIALTY ITEM

**COMMITMENT:**

THE CONTRACTOR IS REQUIRED TO KEEP ALL SOIL EXCAVATED FROM THE FOLLOWING AREAS WITHIN RIGHT-OF-WAY. THIS INCLUDES BUT IS NOT LIMITED TO SPOILS FROM SIDEWALK, DRIVEWAY, OR OTHER REMOVAL OPERATIONS AND THE SPOILS FROM LIGHT FOUNDATION INSTALLATION. EXCAVATED SOILS FROM THESE AREAS SHALL BE SPREAD EVENLY TO THE SATISFACTION OF THE ENGINEER AT LOCATIONS THAT WILL BE SEEDED AND MAINTAINED AS GRASS AREAS IN THE FINAL CONDITION, OR BELOW PROPOSED SIDEWALK LOCATIONS WHERE PROPOSED GRADES ALLOW FOR ADDITION OF MATERIAL. EXCAVATED SOIL SHALL BE SPREAD PRIOR TO THE PLACEMENT OF TOPSOIL WHERE REQUIRED. LOCATIONS WHERE THIS APPLIES ARE AS FOLLOWS:

- 5TH ST. STATION 10+00 - 11+50 LEFT
- 6TH ST. STATION 31+30 - 32+50 LEFT
- 7TH ST. STATION 40+00 - 41+40 LEFT
- 7TH ST. STATION 40+00 - 43+00 RIGHT



**GENERAL NOTES**

- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT.
- PLAN ELEVATIONS ARE BASED ON U.S.G.S. ELEVATIONS, NAVD 88.
- BEFORE WORKING WITH OR AROUND UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE ILLINOIS ONE-CALL SYSTEM JULIE AT 1-800-892-0123, 48 HOURS (EXCLUDING WEEKENDS AND/OR HOLIDAYS) PRIOR TO DIGGING. JULIE WILL NOTIFY THE OWNERS/OPERATORS OF UNDERGROUND FACILITIES WHO ARE JULIE MEMBERS OF THE PLANNED DIGGING ACTIVITY.
- WHERE THE STORM SEWER CROSSES EXISTING WATER MAINS OR OTHER UNDERGROUND CITY-OWNED UTILITIES, THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF MARSHALL WHERE CONFLICTS EXIST WITH THE PROPOSED ELEVATION OF THE STORM SEWER. THE CITY OF MARSHALL WILL BE RESPONSIBLE FOR RELOCATION OF THE EXISTING UTILITIES IF REQUIRED. FOR WATER MAIN CONFLICTS OR INSTANCES WHERE THE STORM SEWER WILL PASS OVER WATER MAIN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE STORM SEWER AS INDICATED IN THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
- COORDINATE WITH THE CITY OF MARSHALL TO POTHOLE THE LOCATIONS WHERE LIGHT FOUNDATIONS APPEAR TO CONFLICT WITH EXISTING WATER LINES. MINOR ADJUSTMENT OF LIGHT FOUNDATIONS MAY BE REQUIRED TO MISS WATER LINES.
- THERE IS NO EXISTING PAVEMENT AT ISOLATED LOCATIONS WHERE PAVEMENT PATCHES ARE SPECIFIED. THESE AREAS SHALL BE CONSTRUCTED TO MATCH THE ADJACENT AREAS OF PATCHING WHERE THERE IS EXISTING PAVEMENT. THIS ITEM WILL BE PAID FOR AS THE TYPE OF PATCH SPECIFIED, TO INCLUDE THE FULL AREA OF THE NEW PAVEMENT PLACED, AS DETERMINED BY THE ENGINEER. EXCAVATION REQUIRED TO PLACE THE PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PATCH.
- WHERE NEW CURB AND GUTTER CONSTRUCTION IS PROPOSED TO BE ABOVE THE EXISTING PAVEMENT ELEVATION, A TEMPORARY ASPHALT WEDGE WITH A MAXIMUM SLOPE OF 2.0% SHALL BE PLACED TO TRANSITION FROM THE ELEVATION AT THE FACE OF THE GUTTER TO THE EXISTING PAVEMENT FOR THE FULL WIDTH OF THE SIDEWALK RAMP. COORDINATE WITH THE CITY OF MARSHALL REGARDING THE TIMING OF THE RESURFACING (FUTURE CONTRACT). THE CITY MAY ELECT TO ELIMINATE THE WEDGE(S) BASED ON THE SCHEDULED CONSTRUCTION OF RESURFACING. THIS WORK WILL BE INCLUDED IN THE COST OF THE SIDEWALK CONSTRUCTION.
- WHERE THE TOP OF THE FLAG OF NEW CURB AND GUTTER CONSTRUCTION IS MORE THAN 1/4" BELOW THE ASPHALT PAVEMENT SURFACE AT AN ADA RAMP, THE EXISTING PAVEMENT SHALL BE BEVELED TO MEET PROWAG REQUIREMENTS. ELEVATION OF RESURFACED PAVEMENT (FUTURE CONTRACT) TO MATCH FLAG ELEVATION. THIS WORK WILL BE INCLUDED IN THE COST OF THE SIDEWALK CONSTRUCTION.
- THE CITY OF MARSHALL WILL PROVIDE THE REMOVAL AND RELOCATION OF STREET SIGNS AS REQUIRED. COORDINATE WITH THE CITY IN ADVANCE OF PERFORMING WORK THAT REQUIRES THE RELOCATION OF ONE OR MORE SIGNS. TEMPORARY SIGN PLACEMENT MAY BE REQUIRED. COORDINATE CONSTRUCTION WITH TEMPORARY SIGN LOCATIONS.
- SIDEWALK CONSTRUCTION IS DIRECTLY ADJACENT TO EXISTING LANDSCAPING OR RETAINING WALLS AT SOME LOCATIONS WHICH ARE AT OR NEAR THE RIGHT-OF-WAY LINE. THE CONTRACTOR SHALL TAKE CARE TO PROTECT THESE EXISTING ELEMENTS DURING REMOVAL OF EXISTING SIDEWALK AND CONSTRUCTION OF THE NEW SIDEWALK. TEMPORARY SUPPORT OF EXISTING RETAINING WALLS MAY BE NECESSARY.
- THE CONTRACTOR SHALL BE AWARE OF THE PRESENCE OF REGULATED SUBSTANCES WITHIN THE IN SITU MATERIAL OF THE PROJECT SITE. REFERENCE THE "PRELIMINARY SITE INVESTIGATION, SITE: PROPOSED ROADWAY IMPROVEMENTS, 5TH STREET BETWEEN ARCHER AVENUE AND PLUM STREET, PLUM STREET BETWEEN 5TH AND 7TH STREETS, MARSHALL, CLARK COUNTY, ILLINOIS," BY MIDWEST ENGINEERING AND TESTING, INC. A COPY OF THE REPORT IS ON FILE WITH THE CITY OF MARSHALL. ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 669. ALL RELATED QUANTITIES SHOULD BE CONSIDERED AS APPROXIMATE, AND ARE NOT IN THE PLAN SCHEDULES.

CITY OF MARSHALL, CLARK COUNTY  
STREETSCAPE PHASE III  
PROJECT No.: 2EFK (707)  
JOB No.: C-97-017-23  
SECTION: 18-00057-00-SW  
CONTRACT NO.: 95927  
SHEET 2 OF 21

**DESIGN INFORMATION**

**1) SEEDING**

THE FOLLOWING ESTIMATED QUANTITIES ARE BASED ON SEEDING FROM R.O.W. TO R.O.W. WITH APPROPRIATE DEDUCTION FOR SIDEWALKS, PAVEMENT, SHOULDERS, AND DRIVEWAYS.

**APPLICATION RATES:**

- 90 LBS. / ACRE NITROGEN FERTILIZER NUTRIENT
- 90 LBS. / ACRE PHOSPHORUS FERTILIZER NUTRIENT
- 90 LBS. / ACRE POTASSIUM FERTILIZER NUTRIENT
- 2 TON / ACRE MULCH (METHOD 1)

**SUMMARY OF SEEDING:**

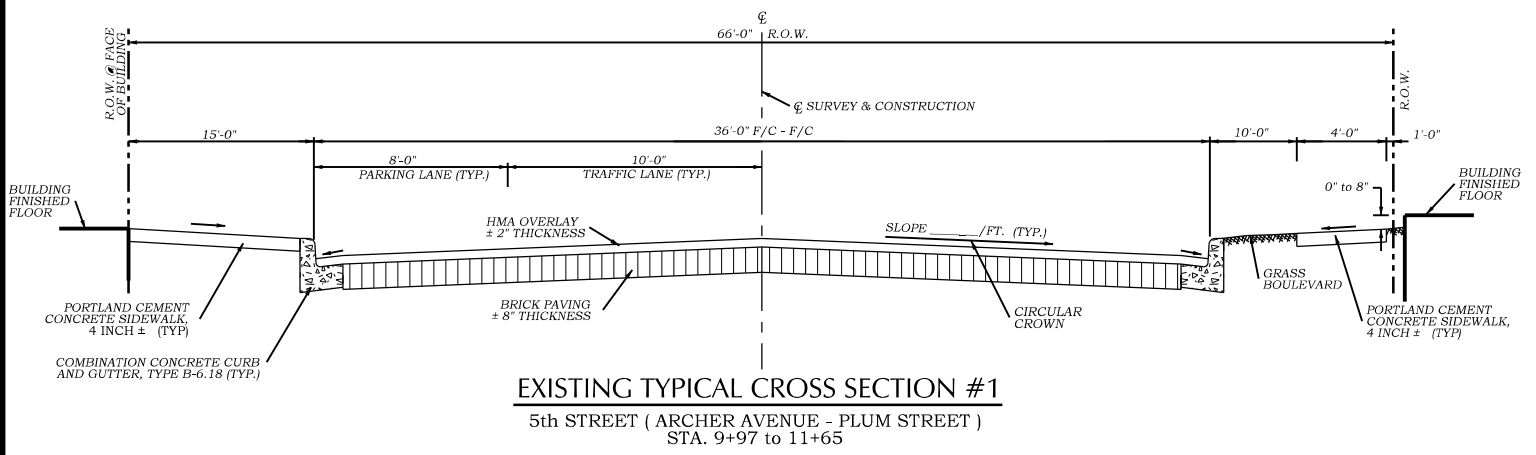
- SEEDING, CLASS 1 (SPECIAL) = 0.25 ACRES
- NITROGEN FERTILIZER NUTRIENT = 23 LBS.
- PHOSPHORUS FERTILIZER NUTRIENT = 23 LBS.
- POTASSIUM FERTILIZER NUTRIENT = 23 LBS.
- MULCH (METHOD 1) = 0.5 TONS

**2) PLUG EXISTING STORM SEWERS**

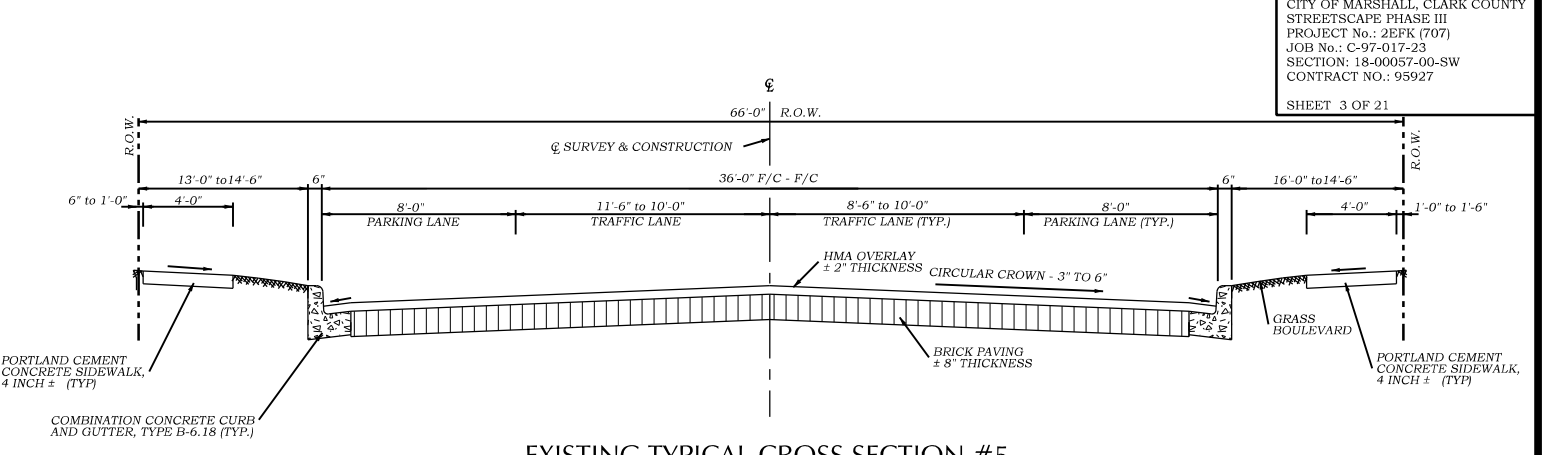
PLAN QUANTITY INCLUDES AN ALLOWANCE OF 40 CUBIC YARDS TO BE USED TO PLUG ABANDONED STORM SEWER LINES.

**BENCH MARKS**

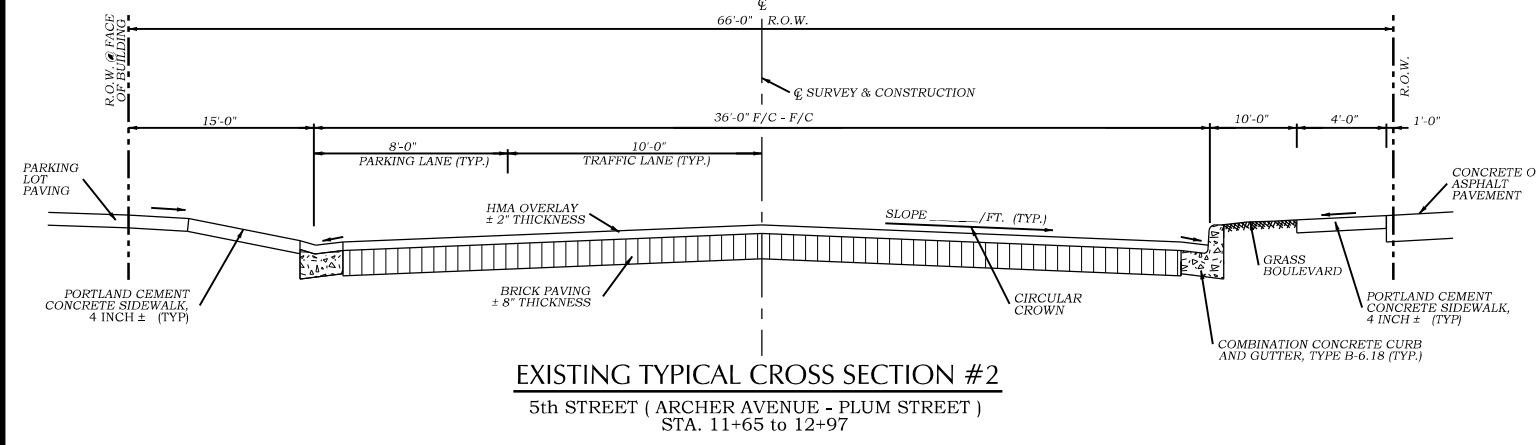
BM #1 NGS BENCHMARK: A 15 1931  
TABLET IN CONCRETE AT THE SOUTHEAST CORNER OF THE CLARK COUNTY COURTHOUSE LAWN IN THE CITY OF MARSHALL, IL.  
N. 992,245.70 E. 1,164,527.59  
NAVD 88 ELEVATION: 641.14



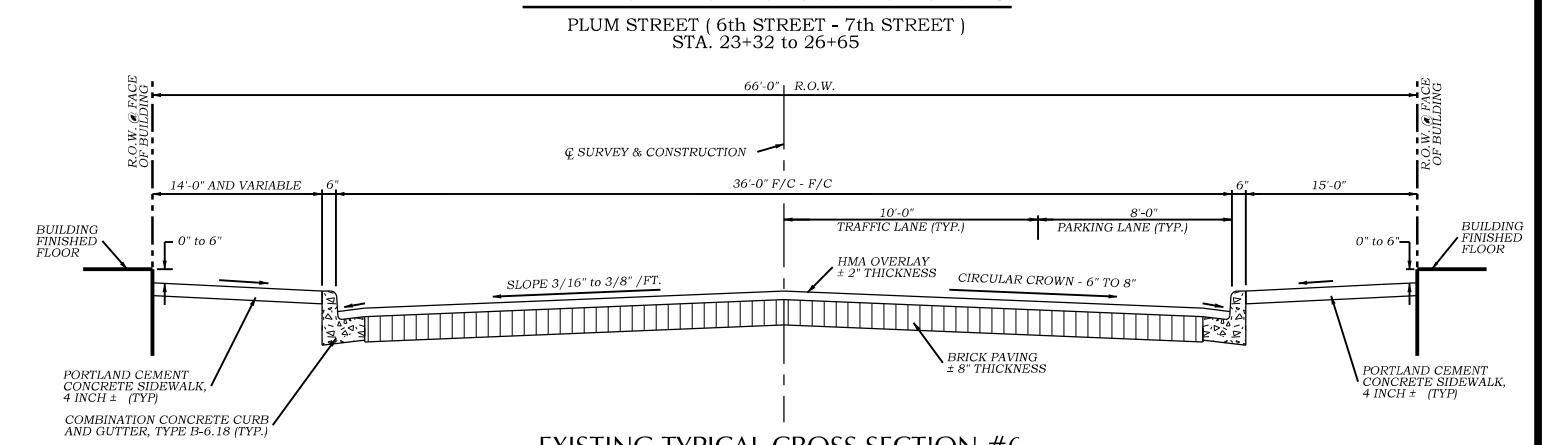
**EXISTING TYPICAL CROSS SECTION #1**  
 5th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 9+97 to 11+65



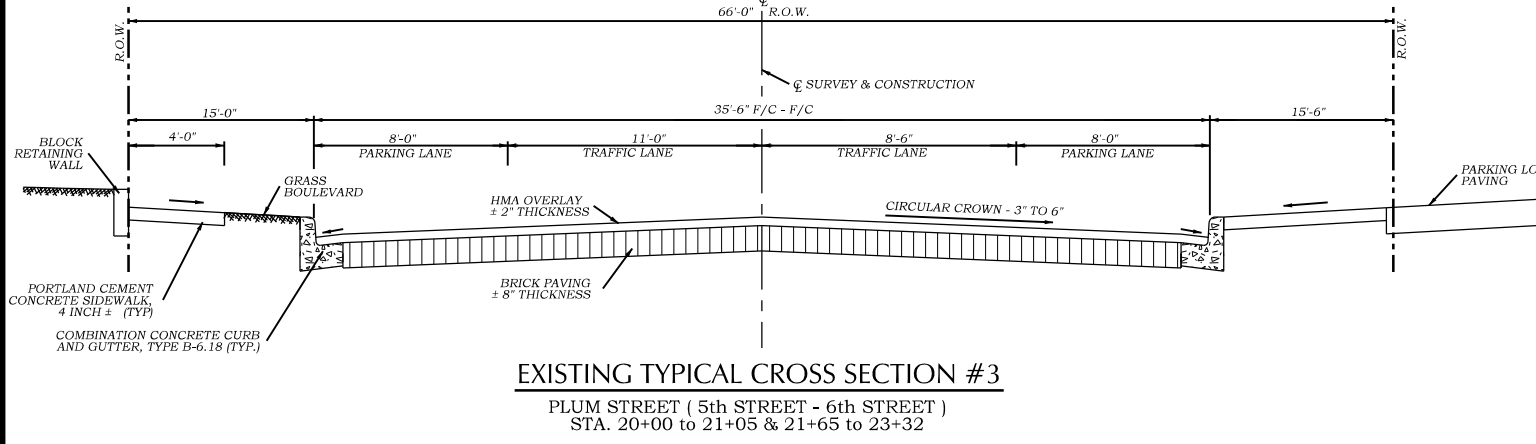
**EXISTING TYPICAL CROSS SECTION #5**  
 PLUM STREET ( 6th STREET - 7th STREET )  
 STA. 23+32 to 26+65



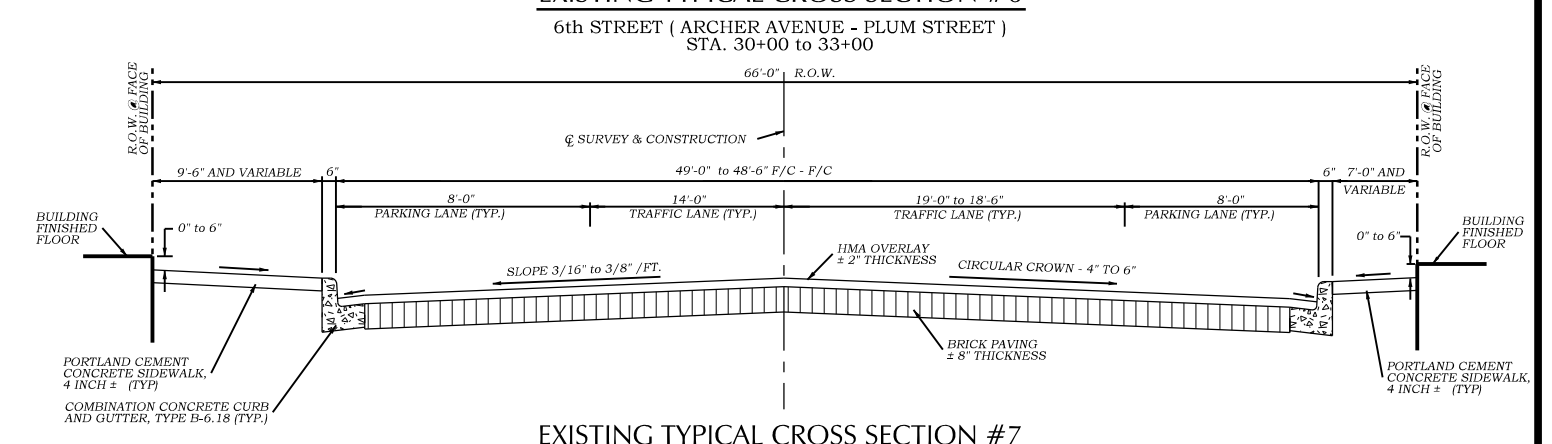
**EXISTING TYPICAL CROSS SECTION #2**  
 5th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 11+65 to 12+97



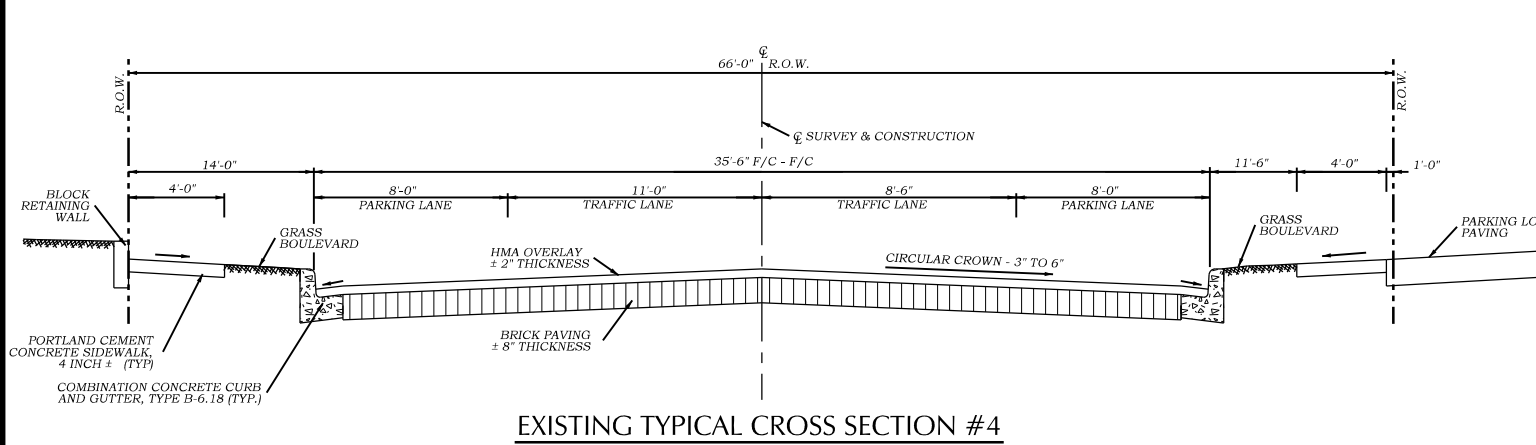
**EXISTING TYPICAL CROSS SECTION #6**  
 6th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 30+00 to 33+00



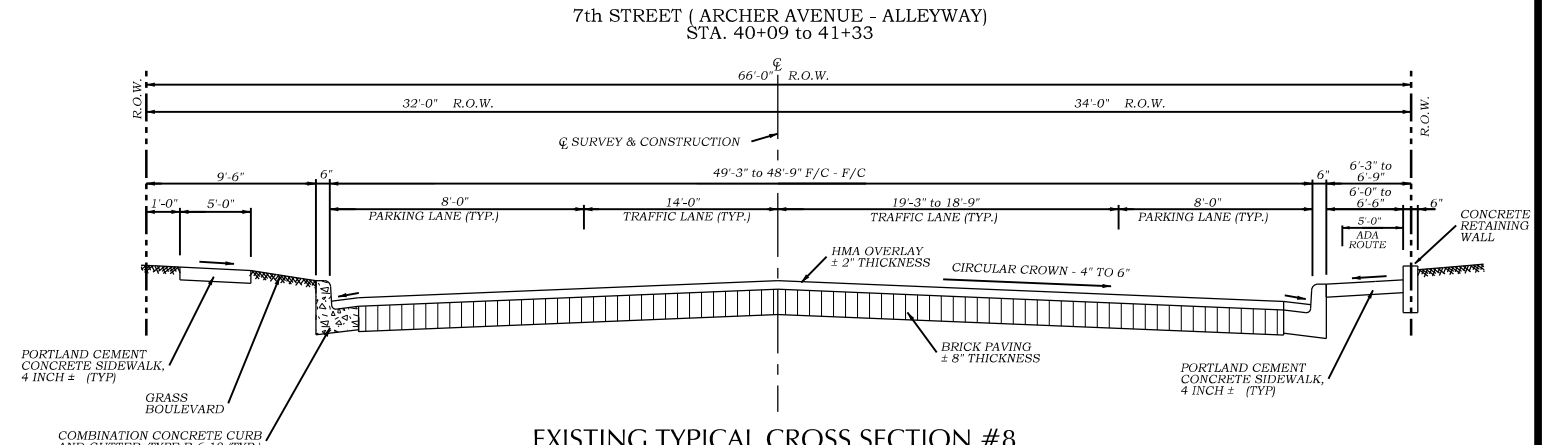
**EXISTING TYPICAL CROSS SECTION #3**  
 PLUM STREET ( 5th STREET - 6th STREET )  
 STA. 20+00 to 21+05 & 21+65 to 23+32



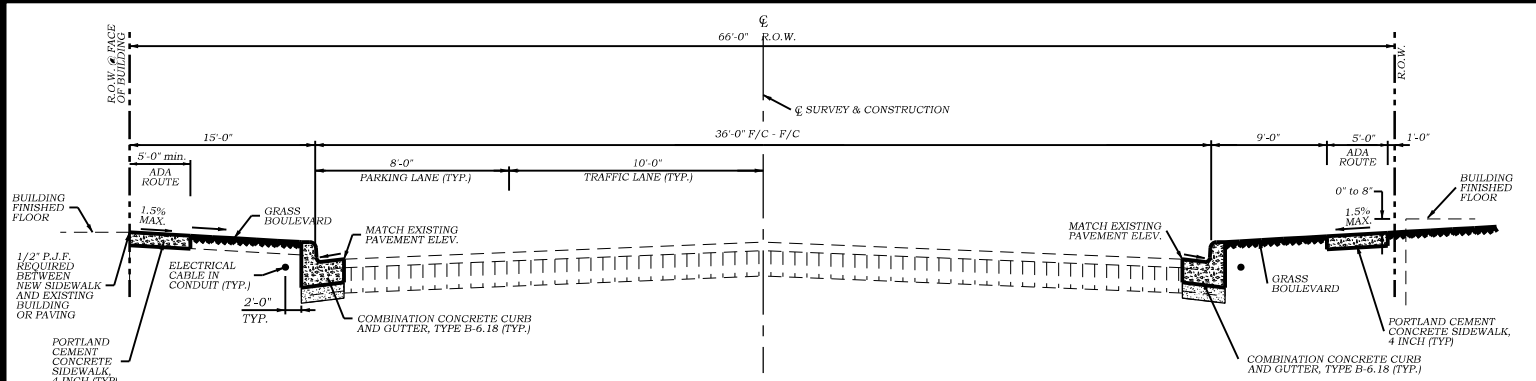
**EXISTING TYPICAL CROSS SECTION #7**  
 7th STREET ( ARCHER AVENUE - ALLEYWAY )  
 STA. 40+09 to 41+33



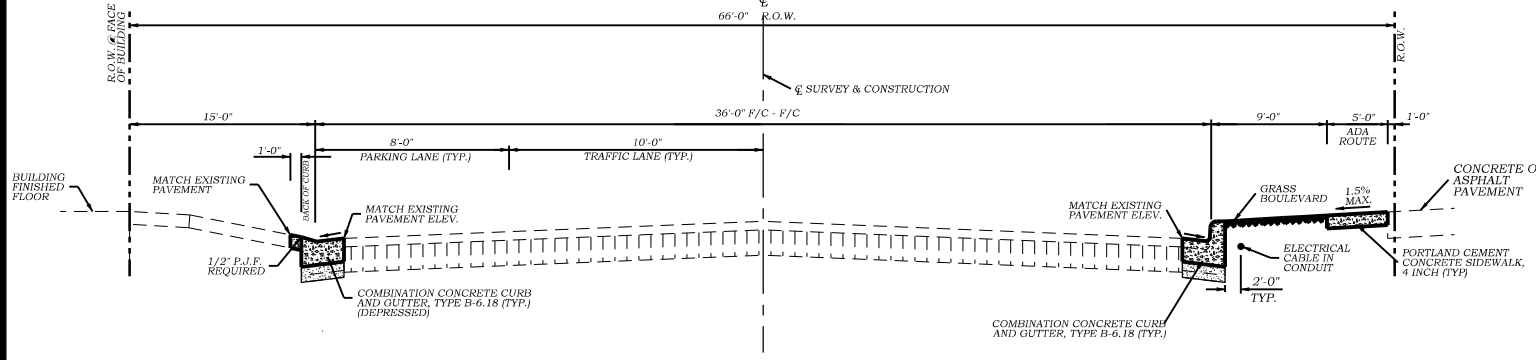
**EXISTING TYPICAL CROSS SECTION #4**  
 PLUM STREET ( 5th STREET - 6th STREET )  
 STA. 21+05 to 21+65



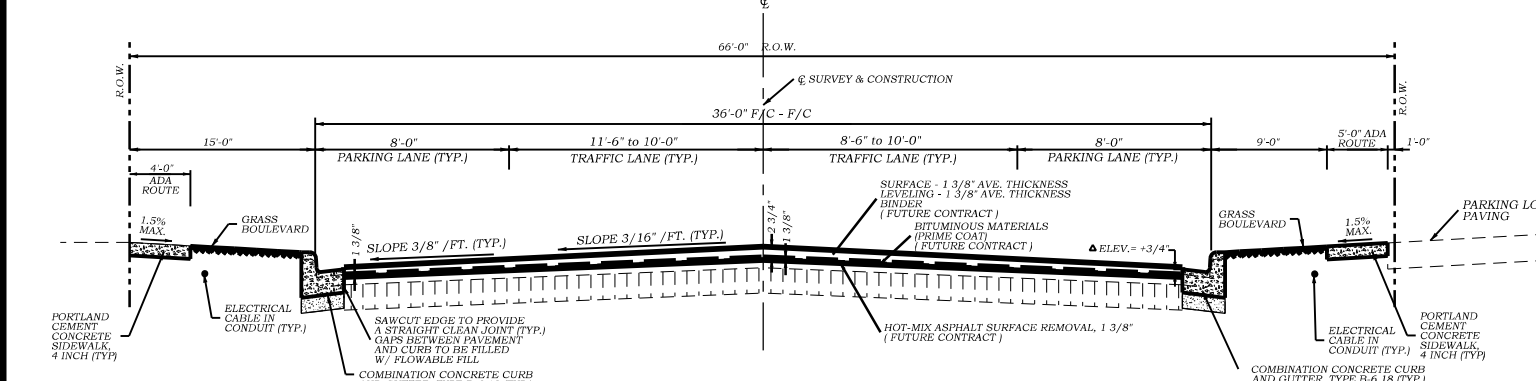
**EXISTING TYPICAL CROSS SECTION #8**  
 7th STREET ( ALLEYWAY - PLUM STREET )  
 STA. 41+33 to 43+00



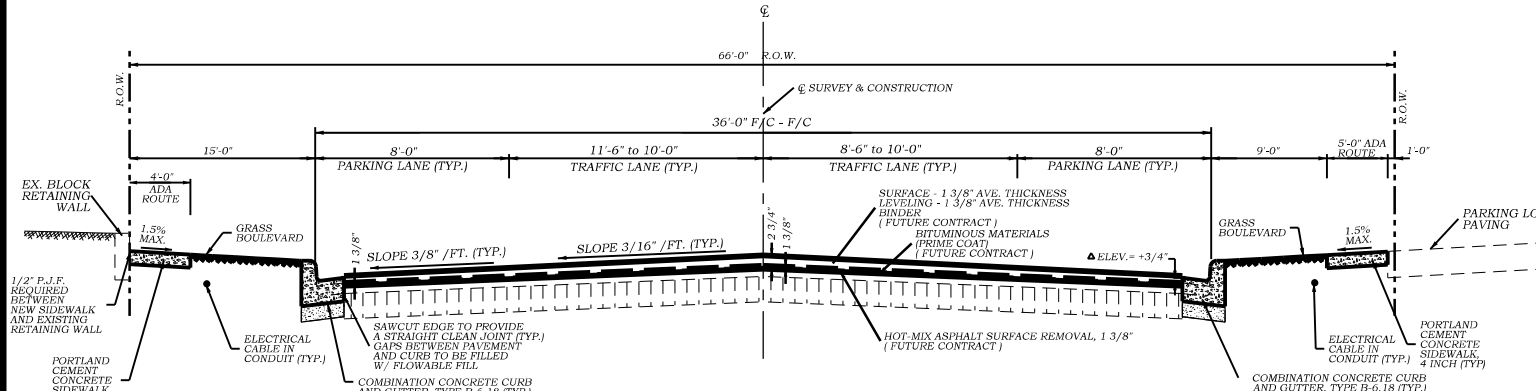
**PROPOSED TYPICAL CROSS SECTION #1**  
 5th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 9+97 to 11+65



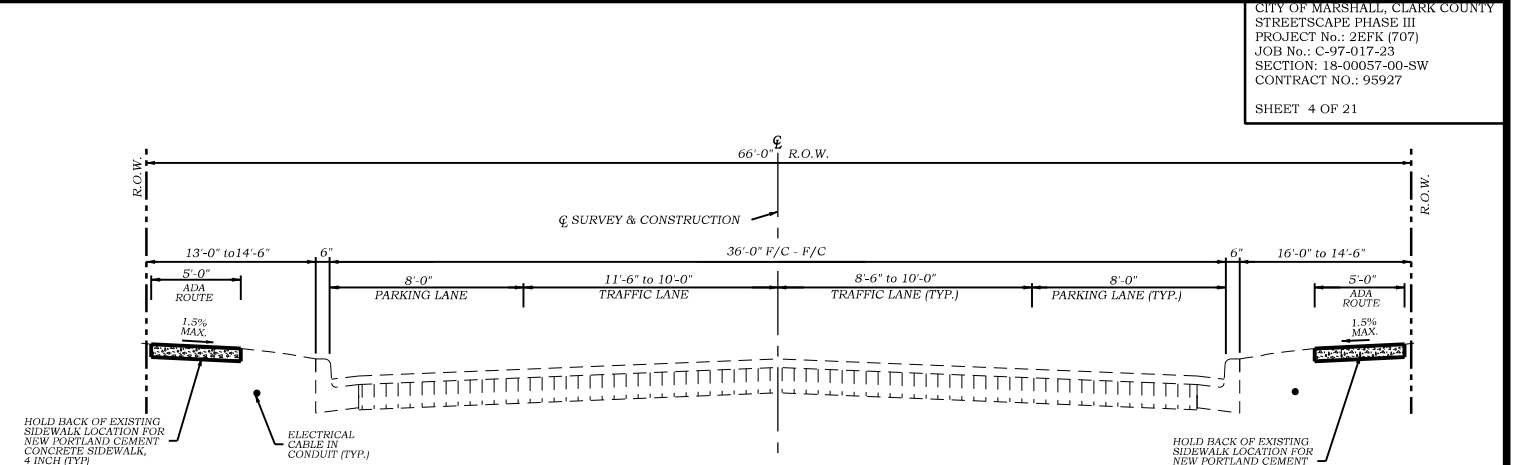
**PROPOSED TYPICAL CROSS SECTION #2**  
 5th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 11+65 to 12+97



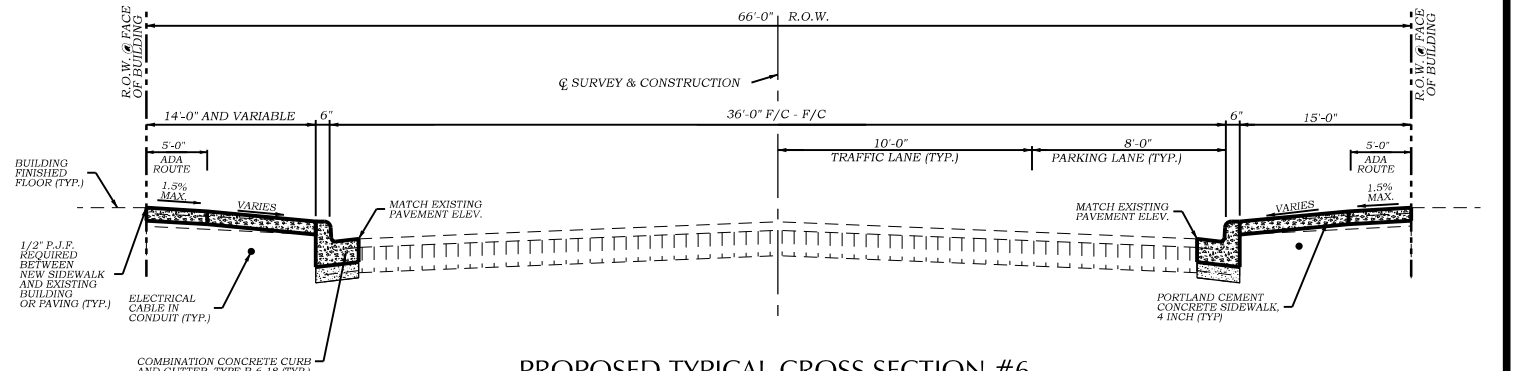
**PROPOSED TYPICAL CROSS SECTION #3**  
 PLUM STREET ( 5th STREET - 6th STREET )  
 STA. 20+13 to 21+29.2



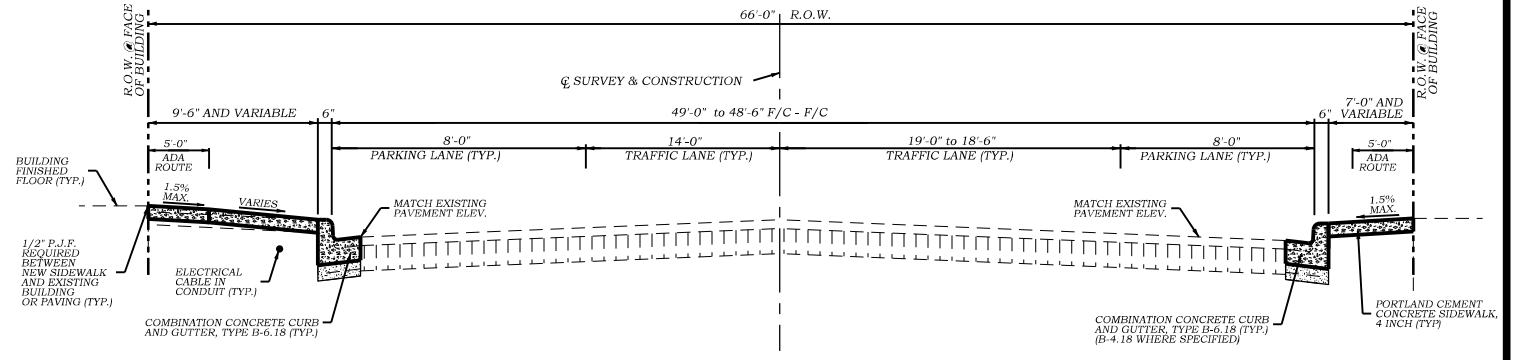
**PROPOSED TYPICAL CROSS SECTION #4**  
 PLUM STREET ( 5th STREET - 6th STREET )  
 STA. 21+29.2 to 23+32



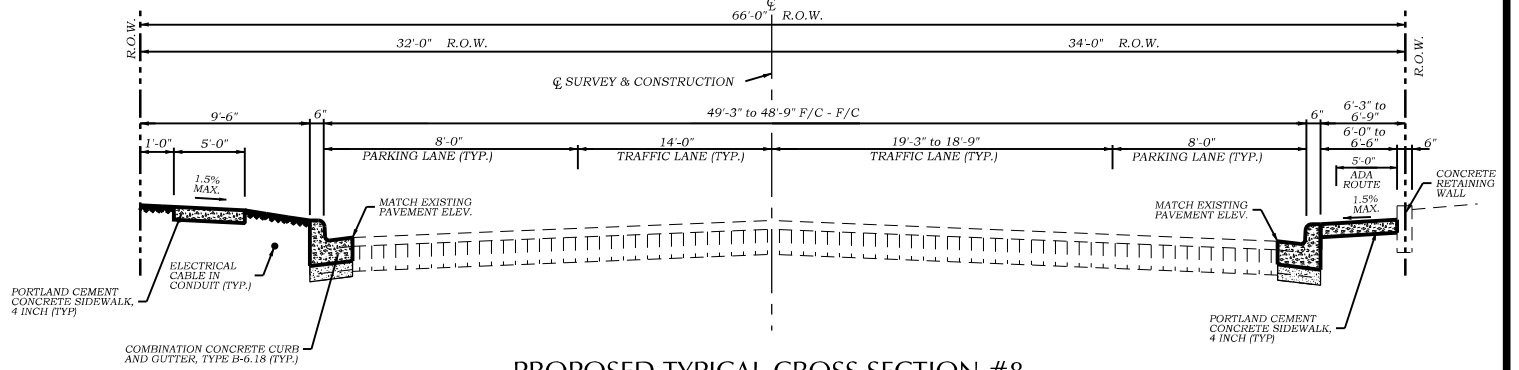
**PROPOSED TYPICAL CROSS SECTION #5**  
 PLUM STREET ( 6th STREET - 7th STREET )  
 STA. 23+32 to 26+65



**PROPOSED TYPICAL CROSS SECTION #6**  
 6th STREET ( ARCHER AVENUE - PLUM STREET )  
 STA. 30+00 to 33+00



**PROPOSED TYPICAL CROSS SECTION #7**  
 7th STREET ( ARCHER AVENUE - ALLEYWAY )  
 STA. 40+09 to 41+33



**PROPOSED TYPICAL CROSS SECTION #8**  
 7th STREET ( ALLEYWAY - PLUM STREET )  
 STA. 41+33 to 43+00

**STORM SEWER STRUCTURES**

PT.	OFFSET	STATION	STRUCTURE TYPE	TOP OF LID ELEV.	TOP OF FLAT SLAB OR CONE ELEV.	LID OR FLOWLINE OF GRATE ELEV.	INV. ELEV.	INV. ELEV.	INV. ELEV.	INV. ELEV.	INV. ELEV.	SYMBOL
1	23.2' LT	26+89.1	INLET, TYPE A, TYPE 3 FRAME AND GRATE		640.56	641.25	639.06					
2	23.2' LT	26+42.2	INLET, TYPE B, TYPE 3 FRAME AND GRATE		640.55	641.24	638.60 (E)	638.40 (S)				
3	6' RT	26+40.3	MANHOLE, TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID	641.92	641.17		638.17 (N)	638.75 (S)	637.97 (W)			
4	6' RT	23+55.8	MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID	642.35	641.60		636.98 (E)	639.51 (S)	639.33 (N)	636.58 (W)		
5												
6	26' RT	9+84.3	MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID	639.29	638.54		632.31 (N)	632.31 (SW)				
7	20' RT	9+78.0	CONNECT TO EXISTING STRUCTURE MANHOLE RECONSTRUCTION WITH NEW PIPE CONNECTION & TYPE 3 FRAME AND GRATE				632.29 (NE)	632.04 (EX)				
8	25.5' RT	26+39.0	INLET, TYPE A, TYPE 3 FRAME AND GRATE		640.59	641.28	638.92					
9	22.3' RT	23+54.7	INLET, TYPE A, TYPE 3 FRAME AND GRATE		641.21	641.90	639.71					
10	24.2' LT	23+56.2	INLET, TYPE A, TYPE 3 FRAME AND GRATE		641.13	641.82	639.63					
11	40.0' RT	23+14.0	INLET, TYPE A, TYPE 3 FRAME AND GRATE		641.40	642.09	639.90					
12	6' RT	23+13.3	MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID	642.55	641.80		636.32 (E,W)	639.50 (N)	639.56 (S)			
13	36.0' LT	23+14.3	INLET, TYPE A, TYPE 3 FRAME AND GRATE		641.42	642.11	639.92					
14												
15	16.6' RT	21+89.3	INLET, TYPE A, TYPE 3 FRAME AND GRATE		639.29	639.98	637.92					
16	6' RT	21+89.3	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER				635.52 (E,W)	636.02 (S)				
17	18.8' LT	21+86.1	INLET, TYPE A, TYPE 3 FRAME AND GRATE		639.13	639.82	637.77					
18	6' RT	21+83.3	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER				635.48 (E,W)	635.98 (N)				
19	16.6' RT	21+25.7	INLET, TYPE A, TYPE 3 FRAME AND GRATE		638.03	638.72	636.64					
20	6' RT	21+25.7	MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID	639.17	638.42		635.10 (E)	634.58 (SW)	635.60 (N,S)			
21	18.9' LT	21+22.5	INLET, TYPE A, TYPE 3 FRAME AND GRATE		637.98	638.67	636.61					
22												
23												
24												
25												
26	22.7' LT	20+21.1	EXISTING INLET, TYPE A, TYPE 3 FRAME AND GRATE INLET RECONSTRUCTION WITH NEW PIPE CONNECTION & TYPE 3 FRAME AND GRATE		635.34	636.03	634.35 (S)	EX-632.93				
27	16.1' RT	19+76.2	INLET, TYPE A, TYPE 3 FRAME AND GRATE		635.76	636.46	634.40					
28	26.7' RT	20+20.2	INLET, TYPE B, TYPE 3 FRAME AND GRATE		635.96	636.65	633.97 (W,E)					
29	27.5' RT	20+24.2	MANHOLE, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID	637.5	636.75		633.85 (N,S)	633.91 (W)	633.91 (NE)			

\*\*\*ALL STRUCTURE INVERT ELEVATIONS ARE TO PIPE INVERT, NOT TO STRUCTURE FLOOR SLAB

STORM SEWER SCHEDULE								
PT.	PT.	SLOPE	TYPE 1, RCP 12" DIA (FOOT)	TYPE 1, RCP 15" DIA (FOOT)	TYPE 1, RCP 18" DIA (FOOT)	TYPE 1, RCP 24" DIA (FOOT)	TRENCH BACKFILL (C.Y.)	
1	2	1.00%	46				4.7	
2	3	0.88%		27			5.2	
3	4	0.35%			282		100.1	
4	12	0.65%				39	29.8	
12	20	0.65%				184	77.8	
20	29	0.65%				100	36.4	
29	6	0.55%				282	221.7	
6	7	0.55%				5	4.1	
8	3	1.00%				18	2.4	
9	4	1.54%				14	1.5	
10	4	1.11%				28	3.4	
11	12	1.00%				32	3.8	
13	12	1.00%				40	4.9	
15	16	2.11%				10	1.8	
17	18	7.46%				25	4.5	
19	20	9.81%				9	1.0	
21	20	4.04%				23	3.2	
28	29	1.00%				48	6.1	
27	28	0.93%				44	4.2	
28	29	1.50%				3	0.0	
TOTALS			340	27	282	323	287	516.6

**SIDE A**

ELECTRICAL CONTRACTOR SHALL BE LICENSED AND PERMITTED TO COMPLETE ELECTRICAL INSTALL WITHIN THE CITY OF MARSHALL, CLARK COUNTY, ILLINOIS.

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE LOCAL UTILITY, LOCAL MUNICIPALITY, STATE, OR FEDERAL LAWS AND CODE REQUIREMENTS GOVERNING THE LIGHTING SYSTEM.

NOTIFY THE ENGINEERS IN WRITING OF ANY DEVIATIONS IN THE CONSTRUCTION DOCUMENTS NOT FOLLOWING, CODE REQUIREMENTS AND PERFORM THE WORK IN ACCORDANCE WITH SUCH CODE REQUIREMENTS AT NO ADDITIONAL COST.

CONDITIONS AS SHOWN ARE FOR RESPECTIVE CONDITIONS AND MAY NOT BE CONSIDER RECORD DRAWINGS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING FIELD VERIFIED CONDITIONS BEFORE SUBMITTING BID AND COMPLETING THE WORK NOTIFY THE ENGINEER IN WRITING OF DISCREPANCIES.

CONDUIT SHALL BE INSTALLED TO DEPTH PER TABLE 300.5 FROM NATIONAL ELECTRICAL CODE.

ALL CONDUIT SHALL BE SCH 80 PVC UNLESS OTHERWISE NOTED.

ALL CONNECTORS SPLICES SHALL BE MADE BY WATERTIGHT DUAL RATED MECHANICAL SPLICE DEVICE WITHIN THE DESIGNED HANDHOLES AND LIGHT POLES, OR CONTROLLER, ETC...

LIGHT POLE FOUNDATION SCHEDULE					
ID NO.	STATION	LEFT	RIGHT	STATUS	DESCRIPTION (EACH)
A1	10+26.8	X		PROPOSED	24" DIAMETER - CONCRETE
A2	10+65.8	X		PROPOSED	24" DIAMETER - CONCRETE
A3	11+56.77	X	X	PROPOSED	24" DIAMETER - CONCRETE
A4	11+91.37	X	X	PROPOSED	24" DIAMETER - CONCRETE
A5	11+16.93	X	X	PROPOSED	24" DIAMETER - CONCRETE
A6	10+38.32	X	X	PROPOSED	24" DIAMETER - CONCRETE
B1	30+30.6	X		PROPOSED	24" DIAMETER - CONCRETE
B2	31+00.9	X		PROPOSED	24" DIAMETER - CONCRETE
B3	31+73.9	X		PROPOSED	24" DIAMETER - CONCRETE
B4	32+54.0	X		PROPOSED	24" DIAMETER - CONCRETE
B5	32+52.6	X	X	PROPOSED	24" DIAMETER - CONCRETE
B6	31+72.4	X	X	PROPOSED	24" DIAMETER - CONCRETE
B7	30+79.3	X	X	PROPOSED	24" DIAMETER - CONCRETE
B8	30+31.0	X	X	PROPOSED	24" DIAMETER - CONCRETE
C1	40+38.8	X		PROPOSED	24" DIAMETER - CONCRETE
C2	41+17.4	X		PROPOSED	24" DIAMETER - CONCRETE
C3	41+87.5	X		PROPOSED	24" DIAMETER - CONCRETE
C4	42+62.7	X		PROPOSED	24" DIAMETER - CONCRETE
D1	20+38.6	X		PROPOSED	24" DIAMETER - CONCRETE
D2	21+23.5	X		PROPOSED	24" DIAMETER - CONCRETE
D3	22+08.3	X		PROPOSED	24" DIAMETER - CONCRETE
D4	22+93.1	X		PROPOSED	24" DIAMETER - CONCRETE
D5	23+80.5	X		PROPOSED	24" DIAMETER - CONCRETE
D6	24+52.0	X		PROPOSED	24" DIAMETER - CONCRETE
D7	25+15.7	X		PROPOSED	24" DIAMETER - CONCRETE
D8	25+90.6	X		PROPOSED	24" DIAMETER - CONCRETE
D9	25+89.9	X		PROPOSED	24" DIAMETER - CONCRETE
D10	25+19.9	X		PROPOSED	24" DIAMETER - CONCRETE
D11	24+49.9	X		PROPOSED	24" DIAMETER - CONCRETE
D12	23+79.9	X		PROPOSED	24" DIAMETER - CONCRETE
D13	22+02.4	X		PROPOSED	24" DIAMETER - CONCRETE
D14	21+23.5	X		PROPOSED	24" DIAMETER - CONCRETE
D15	20+38.4	X		PROPOSED	24" DIAMETER - CONCRETE
(BY OTHERS)					
E1	19+78.6	X		PROPOSED	30" DIAMETER - CONCRETE
E2	23+06.7	X		PROPOSED	30" DIAMETER - CONCRETE
E3	26+40	X		PROPOSED	30" DIAMETER - CONCRETE

HANDHOLES SCHEDULE					
ID NO.	STATION	LEFT	RIGHT	OFFSET	DESCRIPTION (EACH)
H1	11+33.1	X	21'		PORTLAND CEMENT CONC. HEAVY DUTY
H2	20+20.8	X	31.7'		PORTLAND CEMENT CONCRETE
H3	41+46.1	X	25'		PORTLAND CEMENT CONCRETE
H4	26+30.0	X	24.5'		PORTLAND CEMENT CONCRETE
H6	22+02.5	X	25.4'		PORTLAND CEMENT CONC. HEAVY DUTY
H7	20+42.1	X	25.7'		PORTLAND CEMENT CONCRETE
H8	26+31.4	X	23'		PORTLAND CEMENT CONCRETE
H9	24+60.2	X	23'		PORTLAND CEMENT CONCRETE
H10	24+56.1	X	23'		PORTLAND CEMENT CONCRETE
H11	41+20.6	X	25'		COMPOSITE CONCRETE
H12	20+36.5	X	25.8'		PORTLAND CEMENT CONCRETE
H13	22+24.0	X	25.7'		COMPOSITE CONCRETE
H14	32+36.9	X	25.6'		COMPOSITE CONCRETE
H15	30+49.3	X	25'		COMPOSITE CONCRETE
H16	26+41.5	X	39.7'		PORTLAND CEMENT CONCRETE
P1	10+61.3	X	21'		PORTLAND CEMENT CONCRETE
P2	12+01.5	X	21'		PORTLAND CEMENT CONCRETE
P3	31+52.9	X	23'		COMPOSITE CONCRETE
P4	31+20.2	X	23'		COMPOSITE CONCRETE

ELECTRIC CABLE IN CONDUIT SCHEDULE																		
Circuit	FROM ID	TO ID	2" CONDUIT, PVC TRENCH - DEPTH per NEC (LINEAL FOOT)	1" CONDUIT, PVC TRENCH - DEPTH per NEC (LINEAL FOOT)	Number of #1/0 wires	#1/0 wiring (FEET)	Number of #10 wires	#10 wiring (FEET)	Number of #10 wiring (FEET)	2" CONDUIT, PVC TRENCH - DEPTH per NEC (LINEAL FOOT)	1" CONDUIT, PVC TRENCH - DEPTH per NEC (LINEAL FOOT)	Number of #1/0 wires	#1/0 wiring (FEET)	Number of #10 wires	#10 wiring (FEET)			
1	Controller 1	H1	A5	58	15	4	232	4	60									
		H1	P1	70		4	280	4	168									
		A2	A1		42			4	156									
		P1	A6		39			4	92									
		H1	H2	133		4	532	4	228									
		H1	A4		57			4	272									
		H2	E1		68			4	32									
		H2	A3		8			4	1008									
						261	252	12	1044	28	1008							
		2	Controller 1	H1	H2	58		4	232									
				H2	H7	133		4	532									
				H2	H12	60		4	240									
				H2	H12	21		4	84									
H12	H6			159		4	636											
H12	D14				82			4	328									
H12	D15				7			4	28									
H6	E2				6			4	24									
H7	D1				105			4	20									
H7	D2				5			4	352									
H7	H13			188		4	752	4	32									
H13	D3				17			4	68									
H13	D4				70			4	280									
				619	380	24	2476	28	1100									

**LEGEND**

ID # - CIRCUIT #  
LIGHT CONTROLLER #

LIGHTS & HANDHOLE INFORMATION SEE SHEET #5 FOR ELECTRICAL TABLES AND SHEET #21 FOR LIGHT POLE DETAILS LIGHT AND WIRING TO BE INSTALLED BY OTHERS WHERE NOTED



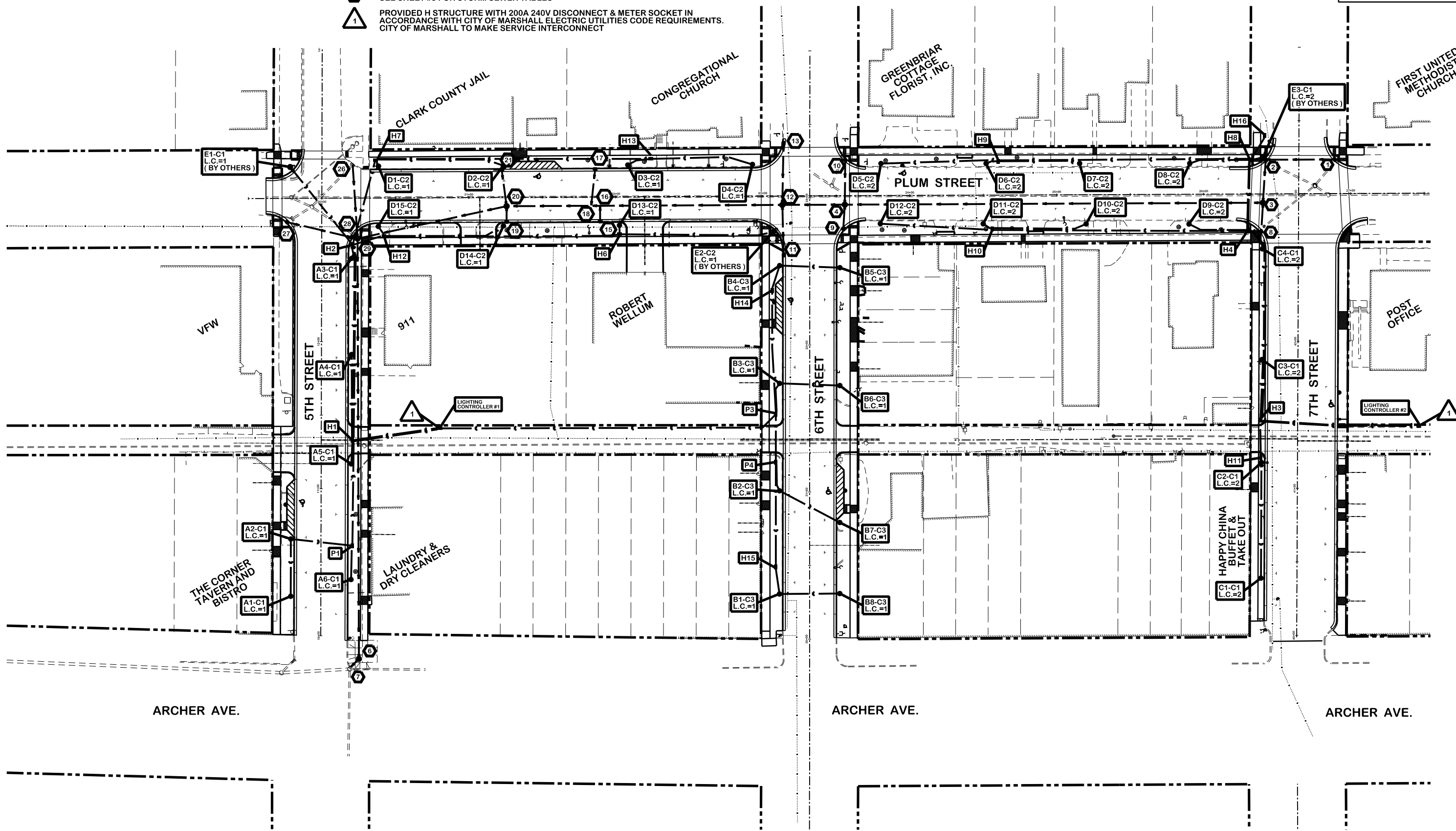
STORM SEWER STRUCTURE NUMBER  
SEE SHEET #5 FOR STORM SEWER TABLES



PROVIDED H STRUCTURE WITH 200A 240V DISCONNECT & METER SOCKET IN ACCORDANCE WITH CITY OF MARSHALL ELECTRIC UTILITIES CODE REQUIREMENTS. CITY OF MARSHALL TO MAKE SERVICE INTERCONNECT

SCALE: 1" = 30'

CITY OF MARSHALL, CLARK COUNTY  
STREETSCAPE PHASE III  
PROJECT No.: 2EPK (707)  
JOB No.: C-97-017-23  
SECTION: 18-00057-00-SW  
CONTRACT NO.: 95927  
SHEET 6 OF 21



N:\New Projects\M-179 StreetScape Phase III\M-179 General Location map.dgn

**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS  
SERVICE | SOLUTIONS | COMMITMENT™

330 NORTH CENTRAL AVENUE  
PARIS, ILLINOIS 61944  
PH. (217) 465-5306

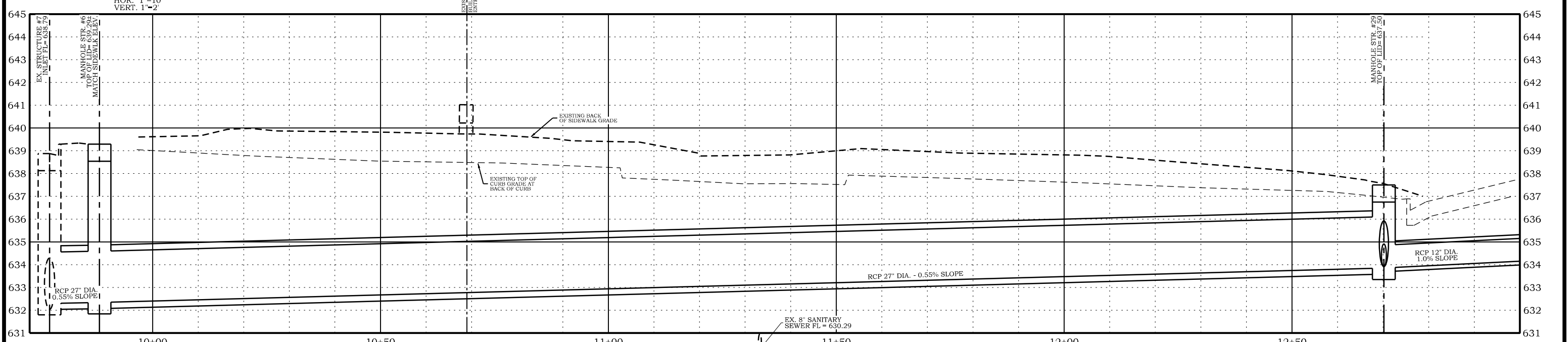
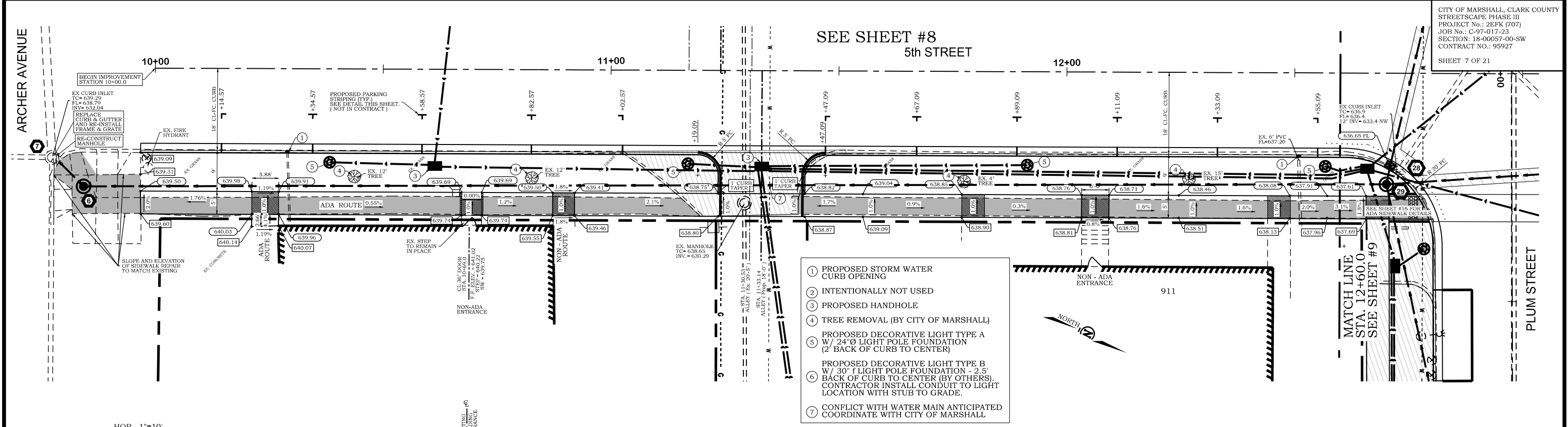
SCALES	DRAWN TLT	DATE 2/13/2023
PLAN : HOR. 1"=30'	CHECKED	DATE
REVISED TLT	APPROVED CMF	DATE 2/13/2023
DATE 4/6/2023	DATE	
REVISED	REVISED	DATE
DATE	DATE	

CHASTAIN ENGINEERING  
FILE NO.  
**M-179**  
7667.07

**GENERAL LOCATION MAP**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO.  
**6**  
OF 21 SHEETS



<b>SIDEWALK REMOVAL</b>	RT STA. 9+77.8 TO STA. 11+19.7 RT STA. 11+39.7 TO STA. 12+60	631.4 SQ. FT. 467.8 SQ. FT.
<b>DRIVEWAY PAVEMENT REMOVAL</b>	RT STA. 11+02.5 TO STA. 11+51.6	49.7 SQ. YD.
<b>MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID</b>	29' RT STA. 11+29.3	1 EACH
<b>SHEET TOTAL =</b>		<b>1,099.2 SQ. FT.</b>

<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b>	RT STA. 11+19.09 TO STA. 11+47.09	18.9 SQ. YD.
<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>	RT STA. 9+77.8 TO STA. 11+23.6 RT STA. 11+42.6 TO STA. 12+60.0	816.1 SQ. FT. 587.1 SQ. FT.
<b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b>	RT STA. 11+23.6 TO STA. 11+42.6	95 SQ. FT.
<b>SHEET TOTAL =</b>		<b>1,403.2 SQ. FT.</b>

<b>COMBINATION CURB &amp; GUTTER REMOVAL</b>	RT STA. 9+77.8 TO STA. 9+83.8 RT STA. 9+96.8 TO STA. 12+60.0	9.5 FOOT 263.2 FOOT
<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b>	RT STA. 9+77.8 TO STA. 9+83.8 RT STA. 9+96.8 TO STA. 12+60.0	9.5 FOOT 263.2 FOOT
<b>SHEET TOTAL =</b>		<b>272.7 FOOT</b>

<b>DECORATIVE LIGHT TYPE A</b>	20.5' RT STA. 10+38.32 20.5' RT STA. 11+16.93 20.5' RT STA. 11+91.37 20.5' RT STA. 11+56.77	1 EACH 1 EACH 1 EACH 1 EACH
<b>LIGHT POLE FOUNDATION, 24" DIAMETER</b>	20.5' RT STA. 10+38.32 20.5' RT STA. 11+16.93 20.5' RT STA. 11+91.37 20.5' RT STA. 11+56.77	5.7 FOOT 5.7 FOOT 5.7 FOOT 5.7 FOOT
<b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b>	RT STA. 11+03.0 TO STA. 11+23.6	13.5 SQ. YD.
<b>SHEET TOTAL =</b>		<b>22.8 FOOT</b>

<b>STORM WATER CURB OPENING</b>	18.5' RT STA. 10+29.04 18.5' RT STA. 12+50.88	1 EACH 1 EACH
<b>HANDHOLE</b>	21' RT STA. 10+61.3 21' RT STA. 11+33.1	1 EACH 1 EACH
<b>SHEET TOTAL =</b>		<b>2 EACH</b>

**LEGEND**

- M.E. MATCH EXISTING
- XXX.XX EXISTING SPOT ELEV.
- XXX.XX EXISTING SPOT ELEV. TO MATCH
- XXX.XX T PROPOSED SPOT ELEV.
- XXX.XX B PROPOSED TOP OF CURB ELEV.
- XXX.XX B PROPOSED BOTTOM OF CURB ELEV.
- XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.
- XXX DRAINAGE STRUCTURE NUMBER SEE SHEET #5
- LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

**GENERAL NOTES**

- PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
- EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
- EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
- EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
- EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

N:\New Projects\M-179 StreetScape Phase III\Plan Sheets.dgn

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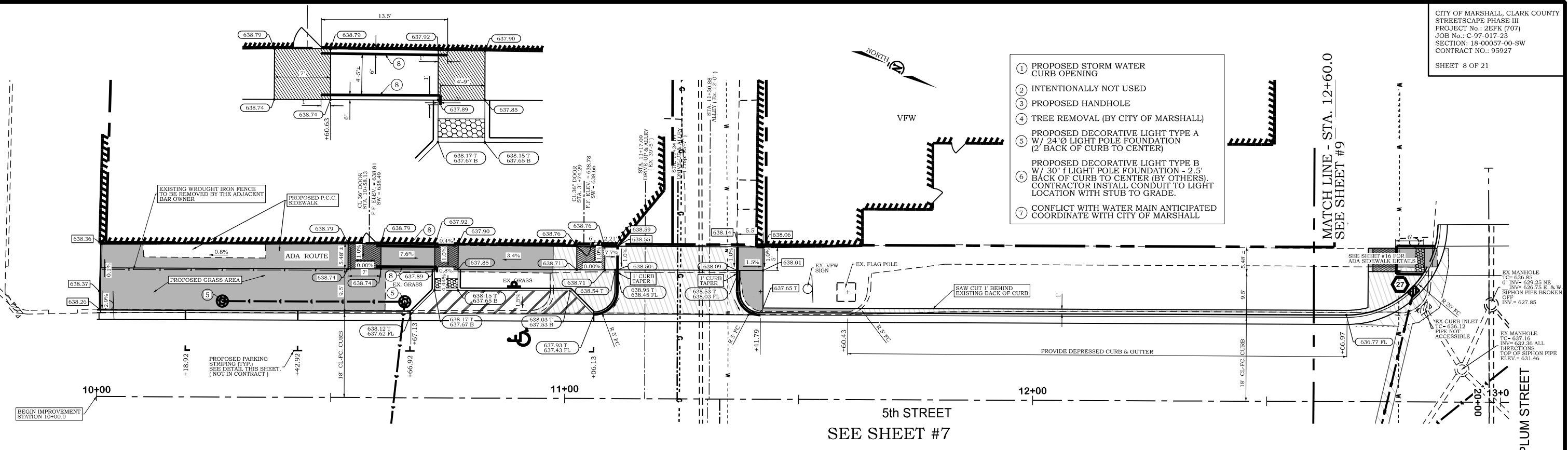
<b>SCALES</b>	DRAWN: TL DATE: 2/13/2023
PLAN: HOR. 1"=10' VERT. 1"=2'	CHECKED: [ ] DATE: [ ]
REVISED: TL DATE: 4/6/2023	APPROVED: CMF DATE: 2/13/2023
REVISED: [ ] DATE: [ ]	REVISED: [ ] DATE: [ ]

CHASTAIN ENGINEERING FILE NO.  
**M-179**  
 7667.07

**PLAN AND PROFILE - 5th STREET ( EAST SIDE )**  
**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO. **7**  
 OF 21 SHEETS

ARCHER AVENUE

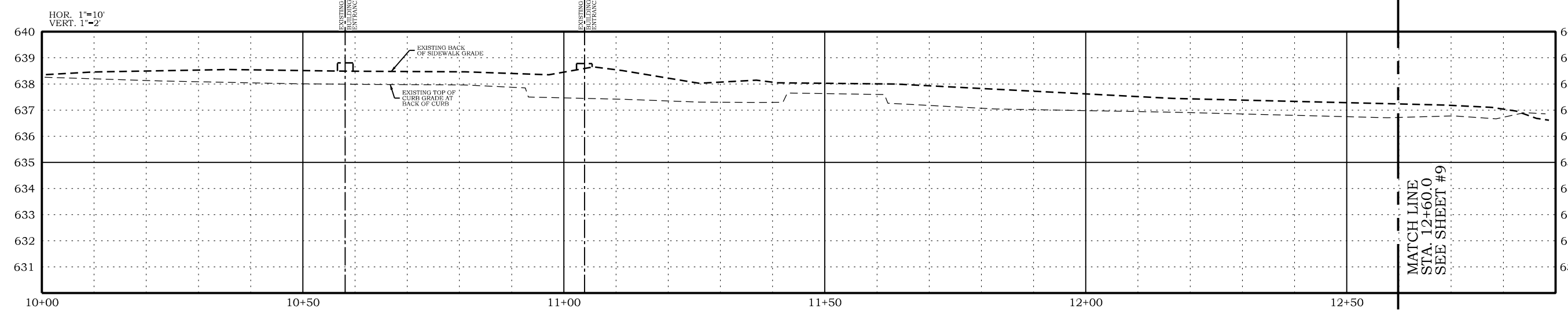


- 1 PROPOSED STORM WATER CURB OPENING
- 2 INTENTIONALLY NOT USED
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24"Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30"Ø LIGHT POLE FOUNDATION - 2.5' BACK OF CURB TO CENTER (BY OTHERS). CONTRACTOR INSTALL CONDUIT TO LIGHT LOCATION WITH STUB TO GRADE.
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

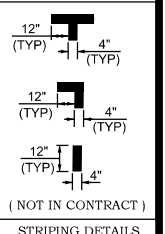
5th STREET  
 SEE SHEET #7

MATCH LINE - STA. 12+60.0  
 SEE SHEET #9

PLUM STREET



MATCH LINE  
 STA. 12+60.0  
 SEE SHEET #9



<b>SIDEWALK REMOVAL</b>	
LT. STA. 10+00.5 TO STA. 10+97	993.9 SQ. FT.
LT. STA. 11+36.8 TO STA. 11+62.5	78.9 SQ. FT.
<b>SHEET TOTAL =</b>	<b>1,072.8 SQ. FT.</b>

<b>DRIVEWAY PAVEMENT REMOVAL</b>	
LT. STA. 10+92.5 TO STA. 11+41.4	65.4 SQ. YD.
LT. STA. 11+60.8 TO STA. 12+60	6.2 SQ. YD.
<b>SHEET TOTAL =</b>	<b>71.6 SQ. YD.</b>

<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b>	
LT. STA. 10+66.9 TO STA. 11+06.3	19.1 SQ. YD.
LT. STA. 11+06.3 TO STA. 11+41.8	27.6 SQ. YD.
LT. STA. 11+60.6 TO STA. 12+60.0	11.0 SQ. YD.
<b>SHEET TOTAL =</b>	<b>57.7 SQ. YD.</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>	
LT. STA. 10+00.6 TO STA. 10+53.6	276.8 SQ. FT.
LT. STA. 10+72.1 TO STA. 11+10.7	224.0 SQ. FT.
LT. STA. 11+37.3 TO STA. 11+60.6	84.1 SQ. FT.
<b>SHEET TOTAL =</b>	<b>584.9 SQ. FT.</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b>	
LT. STA. 10+53.6 TO STA. 10+72.1	99.1 SQ. FT.
LT. STA. 11+10.7 TO STA. 11+37.3	134.0 SQ. FT.
<b>SHEET TOTAL =</b>	<b>233.1 SQ. FT.</b>

<b>COMBINATION CURB &amp; GUTTER REMOVAL</b>	
LT. STA. 10+00.5 TO STA. 12+60	259.5 FOOT
<b>SHEET TOTAL =</b>	<b>259.5 FOOT</b>

<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b>	
LT. STA. 10+00.5 TO STA. 12+60	259.5 FOOT
<b>SHEET TOTAL =</b>	<b>259.5 FOOT</b>

<b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b>	
LT. STA. 10+00.6 TO STA. 10+71.6	61.5 SQ. YD.
LT. STA. 10+77.6 TO STA. 11+10.7	10.8 SQ. YD.
<b>SHEET TOTAL =</b>	<b>72.3 SQ. YD.</b>

<b>DETECTABLE WARNINGS</b>	
LT. STA. 10+72.1 TO STA. 10+77.1	10 SQ. FT.
<b>SHEET TOTAL =</b>	<b>10 SQ. FT.</b>

<b>DECORATIVE LIGHT TYPE A</b>	
20.5' LT. STA. 10+26.8	1 EACH
20.5' LT. STA. 10+65.8	1 EACH
<b>SHEET TOTAL =</b>	<b>2 EACH</b>

<b>LIGHT POLE FOUNDATION, 24" DIAMETER</b>	
20.5' LT. STA. 10+26.8	5.7 FOOT
20.5' LT. STA. 10+65.8	5.7 FOOT
<b>SHEET TOTAL =</b>	<b>11.4 FOOT</b>

<b>PIPE HANDRAIL SPECIAL</b>	
28' LT. STA. 10+59.6 TO STA. 10+73.1	13.5 FOOT
32.4' LT. STA. 10+59.6 TO STA. 10+73.1	13.5 FOOT
<b>SHEET TOTAL =</b>	<b>27.0 FOOT</b>

<b>SIGN PANEL - TYPE 1</b>	
LT. STA. 10+89.1	2.0 SQ. FT.
<b>TOTAL =</b>	<b>2.0 SQ. FT.</b>

<b>TELESCOPING STEEL SIGN SUPPORT</b>	
LT. STA. 10+89.1	10.0 FOOT
<b>TOTAL =</b>	<b>10.0 FOOT</b>

**LEGEND**

M.E. MATCH EXISTING  
 XXX.XX EXISTING SPOT ELEV.  
 XXX.XX EXISTING SPOT ELEV. TO MATCH  
 XXX.XX PROPOSED SPOT ELEV.  
 XXX.XX T PROPOSED TOP OF CURB ELEV.  
 XXX.XX B PROPOSED BOTTOM OF CURB ELEV.  
 XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.  
 DRAINAGE STRUCTURE NUMBER SEE SHEET #5  
 LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

- GENERAL NOTES**
- PROVIDE 1/2" P.I.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

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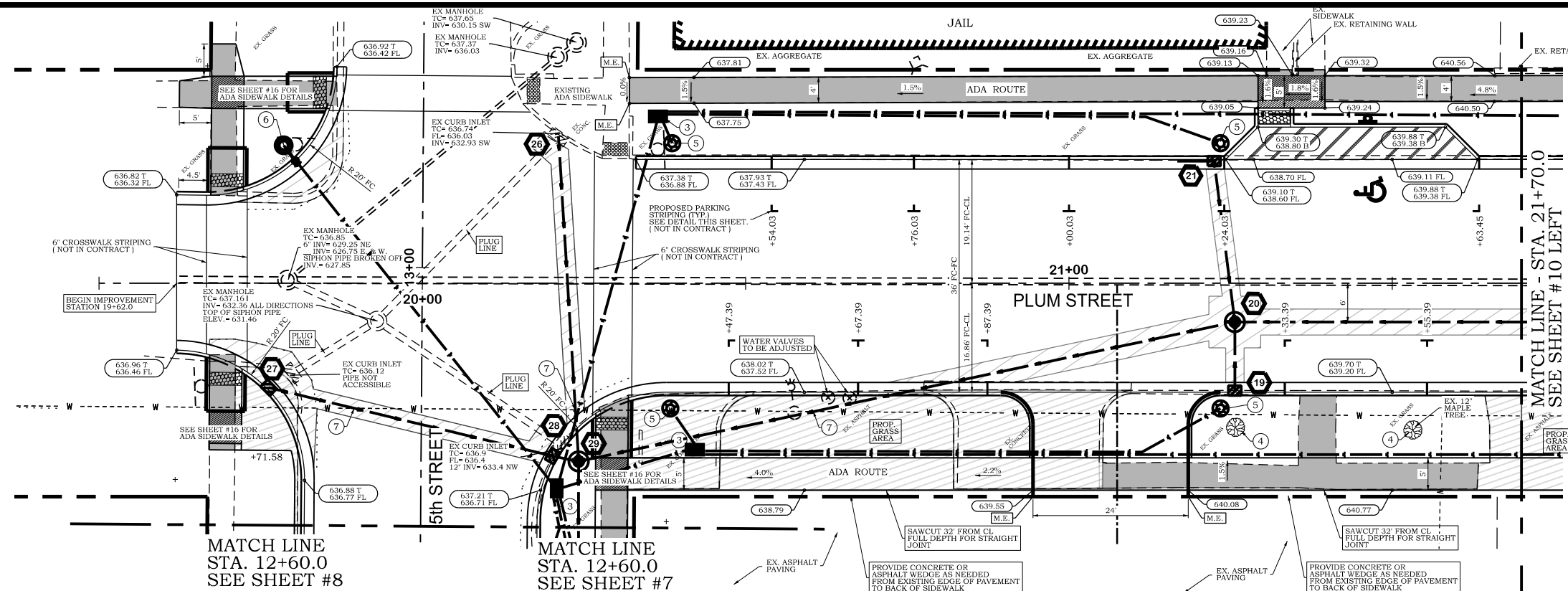
330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

<b>SCALES</b>	PLAN: HOR. 1"=10' VERT. 1"=2'
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CHECKED DATE	
REVISOR DATE	
APPROVED DATE	7/13/2023
REVISOR DATE	

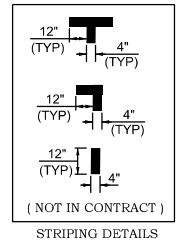
CHASTAIN ENGINEERING  
 FILE NO.  
**M-179**  
 7667.07

**PLAN AND PROFILE - 5th STREET ( WEST SIDE )**  
**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

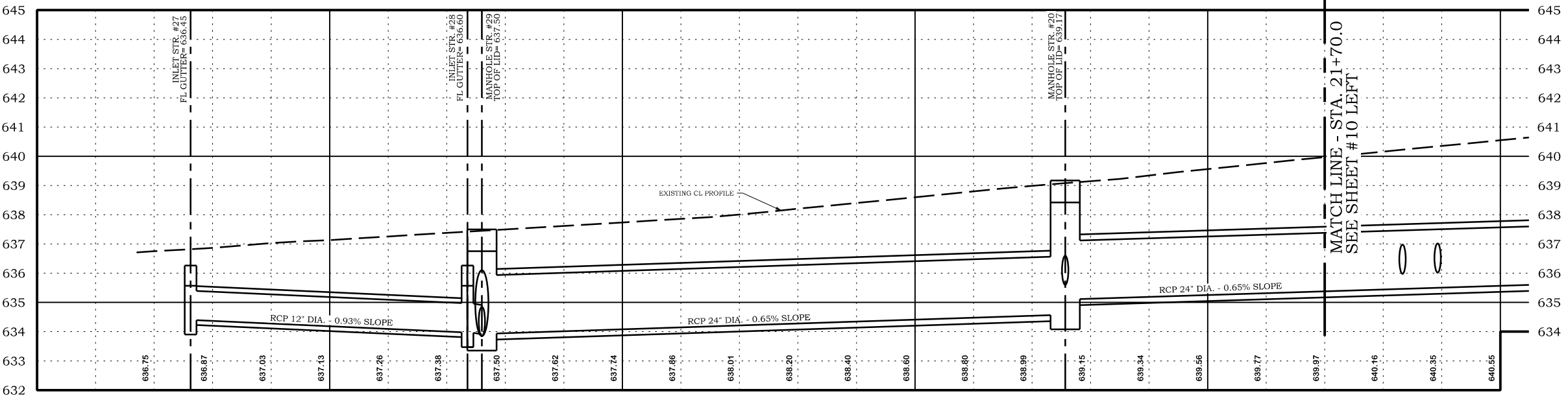




- ① PROPOSED STORM WATER CURB OPENING
- ② INTENTIONALLY NOT USED
- ③ PROPOSED HANDHOLE
- ④ TREE REMOVAL (BY CITY OF MARSHALL)
- ⑤ PROPOSED DECORATIVE LIGHT TYPE A W/ 24" LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- ⑥ PROPOSED DECORATIVE LIGHT TYPE B W/ 30" LIGHT POLE FOUNDATION - 2.5' BACK OF CURB TO CENTER (BY OTHERS). CONTRACTOR INSTALL CONDUIT TO LIGHT LOCATION WITH STUB TO GRADE.
- ⑦ CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL



- LEGEND**
- M.E. MATCH EXISTING
  - XXX.XX EXISTING SPOT ELEV.
  - XXX.XX EXISTING SPOT ELEV. TO MATCH
  - XXX.XX PROPOSED SPOT ELEV.
  - XXX.XX T PROPOSED TOP OF CURB ELEV.
  - XXX.XX B PROPOSED BOTTOM OF CURB ELEV.
  - XXX.XX FD PROPOSED FLOWLINE OF CURB ELEV.
  - XX DRAINAGE STRUCTURE NUMBER SEE SHEET #5
  - 5x5 LEVEL LANDING TO BE CONSTRUCTED - 5x5 DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.
- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.



PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	RT. STA. 20+94.5 TO STA. 21+18.5	120.0 SQ. FT.
SHEET TOTAL =		120.0 SQ. FT.
CLASS C PATCHES, TYPE II 8"	LT. STA. 19+71.1 TO LT. STA. 19+87.9	7.9 SQ. YD.
	LT. STA. 20+21.1 TO RT. STA. 20+23.7	14.3 SQ. YD.
SHEET TOTAL =		22.2 SQ. YD.
CLASS C PATCHES, TYPE III 8"	RT. STA. 19+67.1 TO STA. 20+23.2	21.6 SQ. YD.
SHEET TOTAL =		21.6 SQ. YD.
CLASS C PATCHES, TYPE IV 8"	LT./RT. STA. 20+72.0 TO STA. 21+70.0	51.2 SQ. YD.
SHEET TOTAL =		51.2 SQ. YD.

<b>SIDEWALK REMOVAL</b>	RT. STA. 12+60 TO STA. 12+80.5	80.3 SQ. FT.
	LT. STA. 12+71.5 TO STA. 12+86.4	58.7 SQ. FT.
	LT. STA. 13+10.9 TO STA. 13+34.4 or	173.9 SQ. FT.
	LT. STA. 19+62.4 TO STA. 19+86.9	543.6 SQ. FT.
	LT. STA. 20+32.0 TO STA. 21+70.0	286.4 SQ. FT.
	RT. STA. 21+05.3 TO STA. 21+63.3	
SHEET TOTAL =		1,142.9 SQ. FT.
<b>DRIVEWAY PAVEMENT REMOVAL</b>	RT. STA. 19+71.1 TO STA. 19+80.7	13.7 SQ. YD.
	RT. STA. 20+31.9 TO STA. 21+70	134.7 SQ. YD.
SHEET TOTAL =		148.4 SQ. YD.
<b>REMOVING INLETS</b>	14.3 RT. STA. 19+79.6	1 EACH
	25.3 RT. STA. 20+22.0	1 EACH
SHEET TOTAL =		2 EACH
<b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b>	RT STA. 20+32.4 TO STA. 20+94.5	65.4 SQ. YD.
	RT STA. 21+35.5 TO STA. 21+41.4	6.2 SQ. YD.
	RT STA. 21+64.4 TO STA. 21+70.0	5.4 SQ. YD.
SHEET TOTAL =		77.0 SQ. YD.

<b>DETECTABLE WARNINGS</b>	RT. STA. 19+67.1 TO STA. 19+72.1	10 SQ. FT.
	LT. STA. 19+67.3 TO STA. 19+72.3	10 SQ. FT.
	LT. STA. 19+83.1 TO STA. 19+85.1	10 SQ. FT.
	RT. STA. 20+26.8 TO STA. 20+31.8	10 SQ. FT.
	LT. STA. 21+29.2 TO STA. 21+34.2	10 SQ. FT.
SHEET TOTAL =		50 SQ. FT.
<b>LIGHT POLE TO BE REMOVED (BY OTHERS)</b>	17.8 RT STA. 20+57.6	1 EACH
SHEET TOTAL =		1 EACH

<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b>	LT. STA. 12+60.0 TO STA. 12+71.6	1.3 SQ. YD.
	RT. STA. 20+89.5 TO STA. 21+23.5	27.8 SQ. YD.
	LT. STA. 21+24.0 TO STA. 21+63.5	19.1 SQ. YD.
SHEET TOTAL =		48.2 SQ. YD.
<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>	RT. STA. 19+65.6 TO STA. 19+80.8	137.4 SQ. FT.
	LT. STA. 19+62.5 TO STA. 19+86.3	212.7 SQ. FT.
	LT. STA. 20+32.0 TO STA. 21+70.0	384.3 SQ. FT.
	RT. STA. 20+26.3 TO STA. 20+94.5	413.1 SQ. FT.
	RT. STA. 21+18.5 TO STA. 21+70.0	257.7 SQ. FT.
SHEET TOTAL =		1,605.2 SQ. FT.

<b>COMBINATION CURB &amp; GUTTER REMOVAL</b>	RT. STA. 19+70.9 TO STA. 19+81.3	31.7 FOOT
	LT. STA. 19+71.5 TO STA. 19+86.7	33.0 FOOT
	RT. STA. 20+16.8 TO STA. 21+70.0	165.0 FOOT
	LT. STA. 20+33.0 TO STA. 21+70.0	137.0 FOOT
SHEET TOTAL =		366.7 FOOT
<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b>	RT. STA. 19+62.0 TO STA. 19+81.8	38.3 FOOT
	LT. STA. 19+62.0 TO STA. 19+86.8	36.1 FOOT
	RT. STA. 20+17.7 TO STA. 21+70.0	165.4 FOOT
	LT. STA. 20+33.0 TO STA. 21+70.0	137.0 FOOT
SHEET TOTAL =		376.8 FOOT

<b>DECORATIVE LIGHT TYPE A</b>	19.4 RT. STA. 20+38.4	1 EACH
	21.6 LT. STA. 20+38.6	1 EACH
	21.6 LT. STA. 21+23.5	1 EACH
	19.4 RT. STA. 21+23.5	1 EACH
SHEET TOTAL =		4 EACH
<b>LIGHT POLE FOUNDATION, 24" DIAMETER</b>	19.4 FT. STA. 20+38.4	5.7 FOOT
	21.6 FT. STA. 20+38.6	5.7 FOOT
	21.6 FT. STA. 21+23.5	5.7 FOOT
	19.4 FT. STA. 21+23.5	5.7 FOOT
SHEET TOTAL =		22.8 FOOT

<b>WATER VALVES TO BE ADJUSTED</b>	17.7 RT STA. 20+62.8	1 EACH
	17.8 RT STA. 20+66.2	1 EACH
SHEET TOTAL =		2 EACH
<b>DECORATIVE LIGHT TYPE B (BY OTHERS)</b>	21.3 LT STA. 19+78.6	1 EACH
TOTAL =		1 EACH
<b>LIGHT POLE FOUNDATION, 30" DIAMETER (BY OTHERS)</b>	21.3 LT STA. 19+78.6	5.7 FOOT
TOTAL =		5.7 FOOT

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 PARIS, ILLINOIS 61944  
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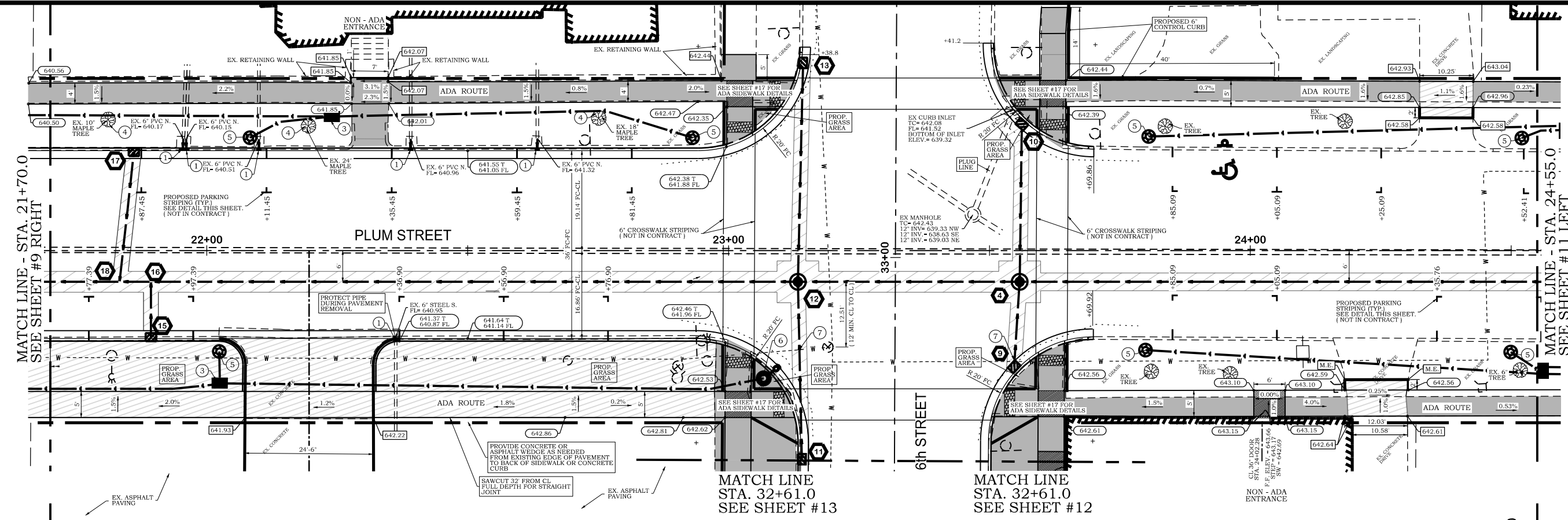
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<b>APPROVED</b>	CMF
<b>DATE</b>	2/13/2023
<b>REVIS</b>	DATE
<b>DATE</b>	DATE

**CHASTAIN ENGINEERING**  
 FILE NO.  
**M-179**  
 7667.07

**PLAN AND PROFILE - PLUM STREET**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

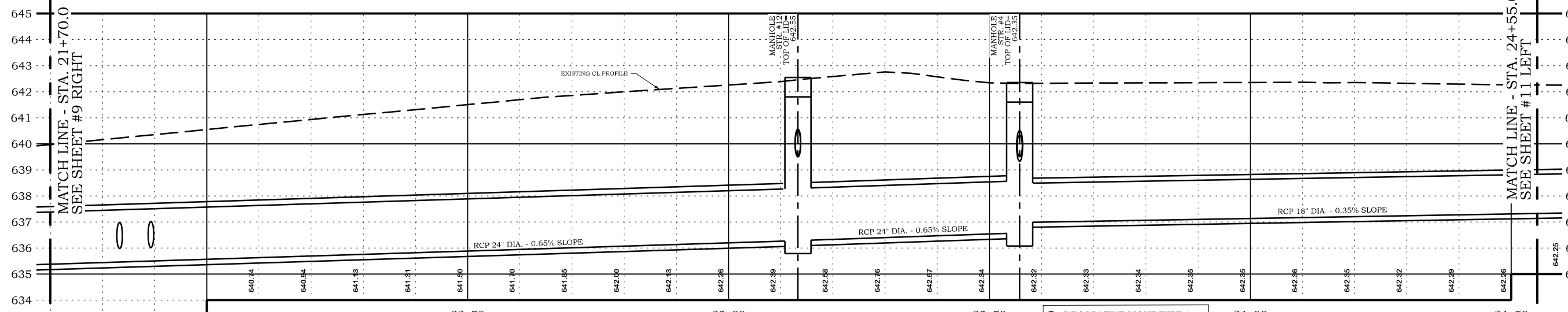
SHEET NO. **9**  
 OF 21 SHEETS



- LEGEND**
- M.E. MATCH EXISTING
  - XXX.XX EXISTING SPOT ELEV.
  - EXISTING SPOT ELEV. TO MATCH
  - PROPOSED SPOT ELEV.
  - XXX.XX T PROPOSED TOP OF CURB ELEV.
  - XXX.XX B PROPOSED BOTTOM OF CURB ELEV.
  - XXX.XX FD PROPOSED FLOWLINE OF CURB ELEV.
  - DRAINAGE STRUCTURE NUMBER SEE SHEET #5
  - LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

- 1 PROPOSED STORM WATER CURB OPENING
- 2 INTENTIONALLY NOT USED
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" f LIGHT POLE FOUNDATION - 2.5' BACK OF CURB TO CENTER (BY OTHERS)
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL



<b>HANDHOLE</b>	25.4' RT. STA. 22+02.5	1 EACH
	25.7' LT. STA. 22+24.0	1 EACH
SHEET TOTAL = 2 EACH		
<b>DECORATIVE LIGHT TYPE B (BY OTHERS)</b>	24.5' RT. STA. 23+06.7	1 EACH
TOTAL = 1 EACH		
<b>LIGHT POLE FOUNDATION, 30" DIAMETER (BY OTHERS)</b>	24.5' RT. STA. 23+06.7	5.7 FOOT
TOTAL = 5.7 FOOT		

<b>SIDEWALK REMOVAL</b>	LT. STA. 21+70.0 TO STA. 23+12.9	703.1 SQ. FT.
	RT. STA. 22+97.6 TO STA. 23+12.9	291.5 SQ. FT.
	LT. STA. 23+51.0 TO STA. 24+32.4	449.7 SQ. FT.
	RT. STA. 24+29.8 TO STA. 24+55.0	448.4 SQ. FT.
	LT. STA. 24+42.7 TO STA. 24+55.0	48.2 SQ. FT.
SHEET TOTAL = 2,034.9 SQ. FT.		
<b>DRIVEWAY PAVEMENT REMOVAL</b>	RT. STA. 21+70.0 TO STA. 22+97.6	213.8 SQ. YD.
	RT. STA. 24+18.5 TO STA. 24+29.8	9.0 SQ. YD.
	LT. STA. 24+32.5 TO STA. 24+42.7	8.0 SQ. YD.
SHEET TOTAL = 230.8 SQ. YD.		
<b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b>	RT. STA. 22+07.4 TO STA. 22+36.9	30.2 SQ. YD.
	RT. STA. 24+18.1 TO STA. 24+30.3	2.7 SQ. YD.
	LT. STA. 24+32.5 TO STA. 24+42.7	2.3 SQ. YD.
SHEET TOTAL = 35.2 SQ. YD.		
<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>	LT. STA. 21+70.0 TO STA. 23+12.7	664.0 SQ. FT.
	RT. STA. 21+70.0 TO STA. 22+07.4	186.7 SQ. FT.
	RT. STA. 22+31.9 TO STA. 23+13.3	562.9 SQ. FT.
	LT. STA. 23+51.9 TO STA. 24+32.5	535.5 SQ. FT.
	RT. STA. 23+50.3 TO STA. 24+18.1	501.8 SQ. FT.
	RT. STA. 24+30.3 TO STA. 24+55.0	123.6 SQ. FT.
	LT. STA. 24+42.7 TO STA. 24+55.0	61.5 SQ. FT.
SHEET TOTAL = 2636.0 SQ. FT.		
<b>REMOVING INLETS</b>	26.9' LT. STA. 23+54.6	1 EACH
SHEET TOTAL = 1 EACH		

<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b>	RT. STA. 22+02.4 TO STA. 22+36.9	30.2 SQ. YD.
	RT. STA. 24+18.1 TO STA. 24+30.3	2.7 SQ. YD.
	LT. STA. 24+32.5 TO STA. 24+42.7	2.3 SQ. YD.
SHEET TOTAL = 35.2 SQ. YD.		
<b>COMBINATION CURB &amp; GUTTER REMOVAL</b>	LT. STA. 21+70.0 TO STA. 23+14.1	153.6 FOOT
	RT. STA. 21+70.0 TO STA. 23+13.9	159.6 FOOT
	LT. STA. 23+50.3 TO STA. 23+69.9	31.7 FOOT
	RT. STA. 23+49.8 TO STA. 23+69.9	35.0 FOOT
SHEET TOTAL = 379.9 FOOT		
<b>DETECTABLE WARNINGS</b>	RT. STA. 22+99.4 TO STA. 23+04.4	10 SQ. FT.
	LT. STA. 22+99.6 TO STA. 23+04.6	10 SQ. FT.
	LT. STA. 23+07.9 TO STA. 23+09.9	10 SQ. FT.
	RT. STA. 23+08.6 TO STA. 23+10.6	10 SQ. FT.
	RT. STA. 23+52.9 TO STA. 23+54.9	10 SQ. FT.
	LT. STA. 23+54.8 TO STA. 23+56.8	10 SQ. FT.
	LT. STA. 23+59.6 TO STA. 23+64.6	10 SQ. FT.
	RT. STA. 23+59.4 TO STA. 23+64.4	10 SQ. FT.
SHEET TOTAL = 80 SQ. FT.		
<b>TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH</b>	RT. STA. 21+70.0 TO STA. 22+06.9	39.0 SQ. YD.
	LT. STA. 22+26.2 TO STA. 22+35.9	6.8 SQ. YD.
	RT. STA. 22+32.4 TO STA. 22+98.9	71.1 SQ. YD.
SHEET TOTAL = 116.9 SQ. YD.		

<b>DECORATIVE LIGHT TYPE A</b>	19.4' RT. STA. 22+02.4	1 EACH
	21.6' LT. STA. 22+08.3	1 EACH
	21.6' LT. STA. 22+93.1	1 EACH
	19.1' RT. STA. 23+79.9	1 EACH
	21.9' LT. STA. 23+80.5	1 EACH
	19.5' RT. STA. 24+49.9	1 EACH
	21.6' LT. STA. 24+52.0	1 EACH
SHEET TOTAL = 7 EACH		
<b>LIGHT POLE FOUNDATION, 24" DIAMETER</b>	19.4' RT. STA. 22+02.4	5.7 FOOT
	21.6' LT. STA. 22+08.3	5.7 FOOT
	21.6' LT. STA. 22+93.1	5.7 FOOT
	19.1' RT. STA. 23+79.9	5.7 FOOT
	21.9' LT. STA. 23+80.5	5.7 FOOT
	19.5' RT. STA. 24+49.9	5.7 FOOT
	21.6' LT. STA. 24+52.0	5.7 FOOT
SHEET TOTAL = 39.9 FOOT		

<b>CLASS C PATCHES, TYPE IV 8"</b>	LT./RT. STA. 21+70.0 TO STA. 24+55.0	166.9 SQ. YD.
SHEET TOTAL = 166.9 SQ. YD.		
<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b>	LT. STA. 21+70.0 TO STA. 23+14.2	155.5 FOOT
	RT. STA. 21+70.0 TO STA. 23+13.8	158.6 FOOT
	LT. STA. 23+51.9 TO STA. 23+70.0	31.6 FOOT
	RT. STA. 23+50.3 TO STA. 23+69.9	35.7 FOOT
SHEET TOTAL = 381.4 FOOT		
<b>LIGHT POLE TO BE REMOVED (BY OTHERS)</b>	20.3' RT. STA. 21+81.7	1 EACH
	21.2' RT. STA. 22+95.9	1 EACH
SHEET TOTAL = 2 EACH		

<b>STORM WATER CURB OPENING</b>	19.6' LT. STA. 21+95.4	1 EACH
	19.6' LT. STA. 21+96.1	1 EACH
	19.6' LT. STA. 22+10.0	1 EACH
	17.4' RT. STA. 22+36.2	1 EACH
	19.6' LT. STA. 22+39.0	1 EACH
	19.6' LT. STA. 22+63.3	1 EACH
SHEET TOTAL = 6 EACH		

<b>SIGN PANEL - TYPE 1</b>	LT. STA. 23+95.1	2.0 SQ. FT.
TOTAL = 2.0 SQ. FT.		
<b>TELESCOPING STEEL SIGN SUPPORT</b>	LT. STA. 23+95.1	10.0 FOOT
TOTAL = 10.0 FOOT		

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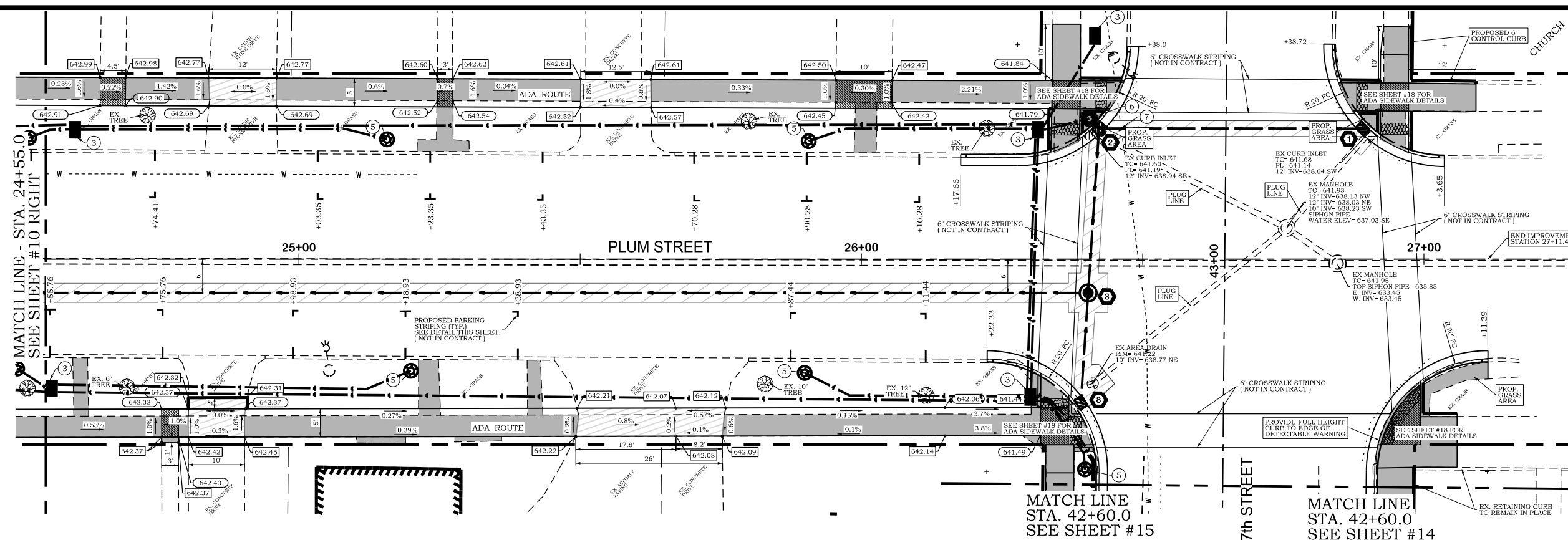
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	VERT. 1"=2'
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<b>CHECKED</b>	DATE
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<b>REVISION</b>	DATE
<b>REVISION</b>	DATE

**CHASTAIN ENGINEERING**  
 FILE NO.  
**M-179**  
 7667.07

**PLAN AND PROFILE - PLUM STREET**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

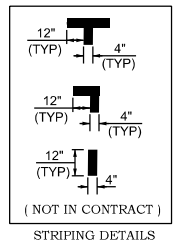
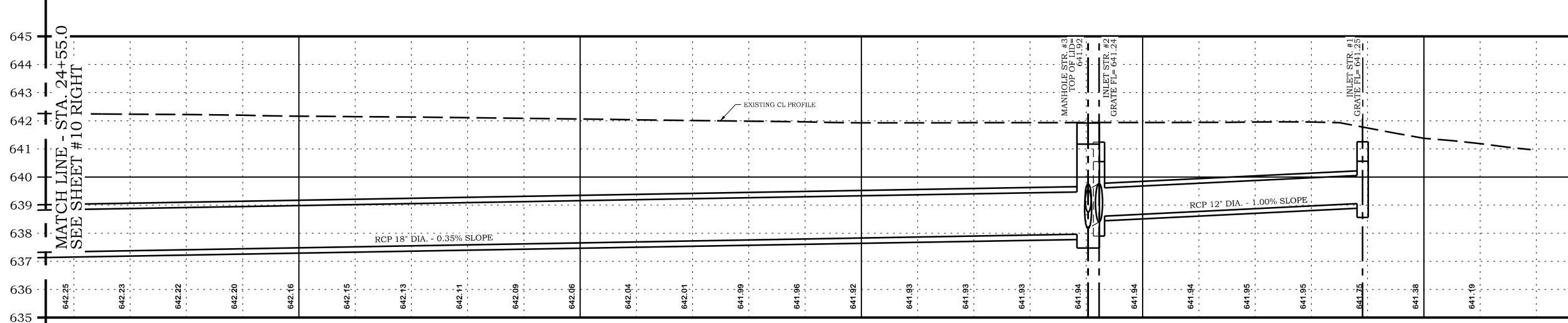
SHEET NO. **10**  
 OF 21 SHEETS



- 1 PROPOSED STORM WATER CURB OPENING
- 2 INTENTIONALLY NOT USED
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24" LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" LIGHT POLE FOUNDATION - 2.5' BACK OF CURB TO CENTER (BY OTHERS). CONTRACTOR INSTALL CONDUIT TO LIGHT LOCATION WITH STUB TO GRADE.
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

LEGEND

M.E.	MATCH EXISTING
XXX.XX	EXISTING SPOT ELEV.
XXX.XX	EXISTING SPOT ELEV. TO MATCH
XXX.XX	PROPOSED SPOT ELEV.
XXX.XX T	PROPOSED TOP OF CURB ELEV.
XXX.XX B	PROPOSED BOTTOM OF CURB ELEV.
XXX.XX FL	PROPOSED FLOWLINE OF CURB ELEV.
XX	DRAINAGE STRUCTURE NUMBER SEE SHEET #5
5' x 5'	LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.



**SIDEWALK REMOVAL**

LT. STA. 24+55.0 TO STA. 24+84	113.8 SQ. FT.
LT. STA. 24+96.0 TO STA. 25+50.1	250.9 SQ. FT.
LT. STA. 25+62.5 TO STA. 26+46.7	470.1 SQ. FT.
LT. STA. 26+85.0 TO STA. 27+09.3	195.7 SQ. FT.
RT. STA. 24+55.0 TO STA. 24+80.3	126.0 SQ. FT.
RT. STA. 24+90.3 TO STA. 25+49.8	304.5 SQ. FT.
RT. STA. 25+75.6 TO STA. 26+41.2	342.1 SQ. FT.
RT. STA. 26+91.5 TO STA. 27+11.4	204.1 SQ. FT.
<b>SHEET TOTAL =</b>	<b>2007.2 SQ. FT.</b>

**PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH**

LT. STA. 24+55.0 TO STA. 24+84.0	144.8 SQ. FT.
RT. STA. 24+55.0 TO STA. 24+80.4	129.7 SQ. FT.
RT. STA. 24+90.5 TO STA. 25+49.3	293.6 SQ. FT.
LT. STA. 24+96.0 TO STA. 25+50.1	270.5 SQ. FT.
LT. STA. 25+62.6 TO STA. 26+46.4	503.8 SQ. FT.
RT. STA. 25+75.9 TO STA. 26+41.3	392.5 SQ. FT.
LT. STA. 26+85.2 TO STA. 27+09.3	211.7 SQ. FT.
RT. STA. 26+91.8 TO STA. 27+06.0	163.9 SQ. FT.
<b>SHEET TOTAL =</b>	<b>2,110.5 SQ. FT.</b>

**COMBINATION CURB & GUTTER REMOVAL**

LT. STA. 26+17.7 TO STA. 26+47.8	41.2 FOOT
RT. STA. 26+22.3 TO STA. 26+47.8	33.7 FOOT
LT. STA. 26+83.7 TO STA. 27+03.6	31.6 FOOT
RT. STA. 26+91.3 TO STA. 27+11.4	34.2 FOOT
<b>SHEET TOTAL =</b>	<b>140.7 FOOT</b>

**CLASS C PATCHES, TYPE IV 8"**

LT./RT. STA. 24+55.0 TO STA. 26+89.5	104.2 SQ. YD.
<b>SHEET TOTAL =</b>	<b>104.2 SQ. YD.</b>

**DECORATIVE LIGHT TYPE A**

21.3' LT. STA. 25+15.7	1 EACH
19.8' RT. STA. 25+19.9	1 EACH
20.2' RT. STA. 25+89.9	1 EACH
21.0' LT. STA. 25+90.6	1 EACH
24.5' LT. STA. 42+62.7	1 EACH
<b>SHEET TOTAL =</b>	<b>5 EACH</b>

**DECORATIVE LIGHT TYPE B (BY OTHERS)**

25' LT. STA. 26+40.0	1 EACH
<b>TOTAL =</b>	<b>1 EACH</b>

**DRIVEWAY PAVEMENT REMOVAL**

LT. STA. 24+84.0 TO STA. 24+96.0	6.6 SQ. YD.
LT. STA. 25+50.1 TO STA. 25+62.5	6.9 SQ. YD.
RT. STA. 24+80.3 TO STA. 24+90.3	7.9 SQ. YD.
RT. STA. 25+49.8 TO STA. 25+75.6	14.6 SQ. YD.
<b>SHEET TOTAL =</b>	<b>36.0 SQ. YD.</b>

**PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH**

LT. STA. 24+84.0 TO STA. 24+96.0	60.2 SQ. FT.
RT. STA. 24+80.4 TO STA. 24+90.5	50.9 SQ. FT.
LT. STA. 25+50.1 TO STA. 25+62.6	62.7 SQ. FT.
RT. STA. 25+49.3 TO STA. 25+75.9	133.2 SQ. FT.
<b>SHEET TOTAL =</b>	<b>307.0 SQ. FT.</b>

**COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18**

LT. STA. 26+17.7 TO STA. 26+47.8	41.2 FOOT
RT. STA. 26+22.3 TO STA. 26+47.8	33.7 FOOT
LT. STA. 26+83.7 TO STA. 27+03.6	31.6 FOOT
RT. STA. 26+91.3 TO STA. 27+11.4	34.2 FOOT
<b>SHEET TOTAL =</b>	<b>140.7 FOOT</b>

**REMOVING INLETS**

22.8' LT. STA. 26+40.6	1 EACH
22.4' RT. STA. 26+41.1	1 EACH
22.9' LT. STA. 26+90.6	1 EACH
<b>SHEET TOTAL =</b>	<b>3 EACH</b>

**LIGHT POLE FOUNDATION, 24" DIAMETER**

21.3' LT. STA. 25+15.7	5.7 FOOT
19.8' RT. STA. 25+19.9	5.7 FOOT
20.2' RT. STA. 25+89.9	5.7 FOOT
21.0' LT. STA. 25+90.6	5.7 FOOT
24.5' LT. STA. 42+62.7	5.7 FOOT
<b>SHEET TOTAL =</b>	<b>28.5 FOOT</b>

**LIGHT POLE FOUNDATION, 30" DIAMETER (BY OTHERS)**

25' LT. STA. 26+40.0	5.7 FOOT
<b>TOTAL =</b>	<b>5.7 FOOT</b>

**LIGHT POLE TO BE REMOVED ( BY OTHERS )**

19.8' RT. STA. 25+05.3	1 EACH
35.7' LT. STA. 26+45.0	1 EACH
<b>SHEET TOTAL =</b>	<b>2 EACH</b>

**HANDHOLE**

23.0' RT. STA. 24+56.1	1 EACH
23.0' LT. STA. 24+60.2	1 EACH
24.5' RT. STA. 26+30.0	1 EACH
23.0' LT. STA. 26+31.4	1 EACH
39.7' LT. STA. 26+41.5	1 EACH
<b>SHEET TOTAL =</b>	<b>5 EACH</b>

**DETECTABLE WARNINGS**

RT. STA. 26+31.9 TO STA. 26+36.9	10 SQ. FT.
LT. STA. 26+33.8 TO STA. 26+38.8	10 SQ. FT.
RT. STA. 26+37.8 TO STA. 26+39.8	10 SQ. FT.
LT. STA. 26+41.6 TO STA. 26+43.6	10 SQ. FT.
LT. STA. 26+88.0 TO STA. 26+90.0	10 SQ. FT.
LT. STA. 26+92.3 TO STA. 26+97.3	10 SQ. FT.
RT. STA. 26+92.4 TO STA. 26+99.4	22.7 SQ. FT.
<b>SHEET TOTAL =</b>	<b>82.7 SQ. FT.</b>

**TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH**

RT. STA. 24+59.8 TO STA. 24+62.4	2.7 SQ. YD.
LT. STA. 25+21.0 TO STA. 25+30.3	4.0 SQ. YD.
RT. STA. 25+21.3 TO STA. 25+24.8	3.6 SQ. YD.
RT. STA. 25+40.6 TO STA. 25+43.0	2.4 SQ. YD.
LT. STA. 25+98.7 TO STA. 26+02.6	3.4 SQ. YD.
RT. STA. 26+28.0 TO STA. 26+31.4	1.1 SQ. YD.
LT. STA. 26+39.3 TO STA. 26+43.2	0.9 SQ. YD.
LT. STA. 26+88.4 TO STA. 26+91.8	0.8 SQ. YD.
RT. STA. 26+99.9 TO STA. 27+11.4	4.3 SQ. YD.
<b>SHEET TOTAL =</b>	<b>23.2 SQ. YD.</b>

N:\New Projects\18-179 StreetScape Phase III\Plan Sheets.dgn

**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 SERVICE | SOLUTIONS | COMMITMENT

330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

SCALES	DRAWN TLT DATE 2/13/2023	CHASTAIN ENGINEERING FILE NO.
PLAN HOR. 1"=10' VERT. 1"=2'	CHECKED DATE	M-179 7667.07
REVISED TLT DATE 4/5/2023	APPROVED CME DATE 2/13/2023	
REVISED DATE	REVISED DATE	

**PLAN AND PROFILE - PLUM STREET**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO. **11**  
OF 21 SHEETS

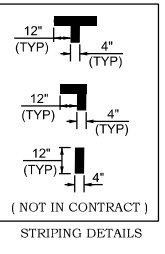
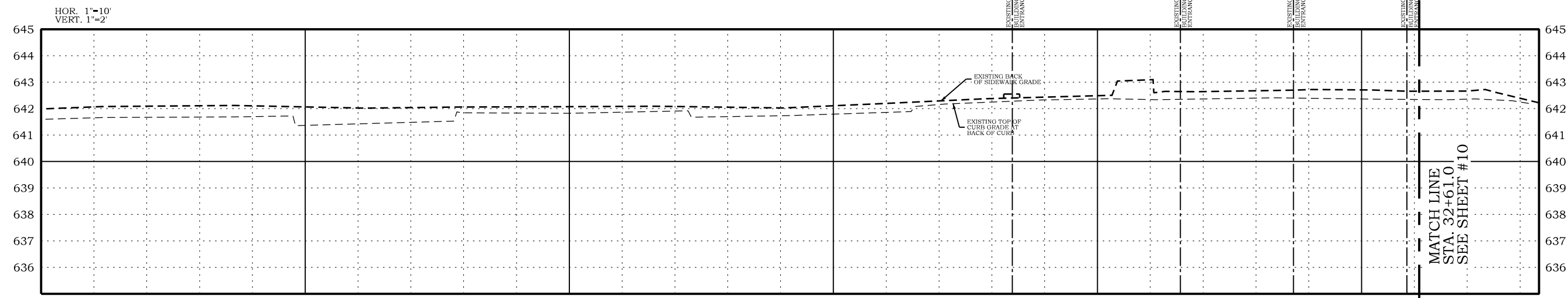
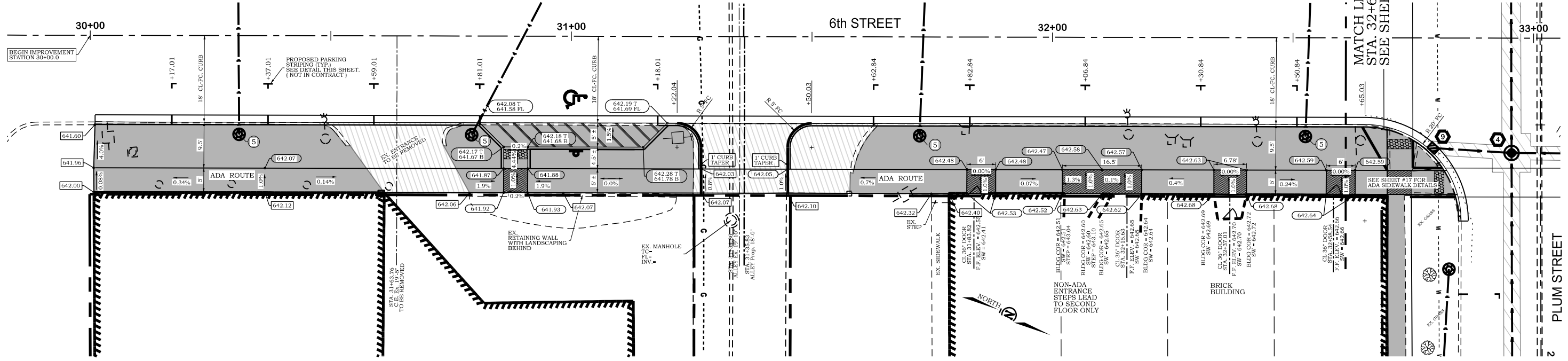
ARCHER AVENUE

SEE SHEET #13

6th STREET

MATCH LINE  
 STA. 32+61.0  
 SEE SHEET #10

PLUM STREET



<b>SIDEWALK REMOVAL</b>	
RT. STA. 30+01.0 TO STA. 30+61.2	775.7 SQ. FT.
RT. STA. 30+73.5 TO STA. 31+25.4	700.6 SQ. FT.
RT. STA. 31+58.0 TO STA. 32+61.0	1,427.0 SQ. FT.
<b>SHEET TOTAL =</b>	<b>2,903.3 SQ. FT.</b>

<b>DRIVEWAY PAVEMENT REMOVAL</b>	
RT. STA. 30+47.8 TO STA. 30+78.9	33.1 SQ. YD.
RT. STA. 31+21.8 TO STA. 31+63.6	56.1 SQ. YD.
<b>SHEET TOTAL =</b>	<b>89.2 SQ. YD.</b>

<b>SIGN PANEL - TYPE 1</b>	
RT. STA. 31+01	2.0 SQ. FT.
<b>TOTAL =</b>	<b>2.0 SQ. FT.</b>

<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b>	
RT. STA. 30+80.8 TO STA. 31+20.2	19.1 SQ. YD.
RT. STA. 31+22.0 TO STA. 31+50.0	20.0 SQ. YD.
<b>SHEET TOTAL =</b>	<b>39.1 SQ. YD.</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>	
RT. STA. 30+01.0 TO STA. 31+26.5	1,583.0 SQ. FT.
RT. STA. 31+45.5 TO STA. 32+61.0	1,612.6 SQ. FT.
<b>SHEET TOTAL =</b>	<b>3,195.6 SQ. FT.</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b>	
RT. STA. 31+26.5 TO STA. 31+45.5	95 SQ. FT.
<b>SHEET TOTAL =</b>	<b>95 SQ. FT.</b>

<b>COMBINATION CURB &amp; GUTTER REMOVAL</b>	
RT. STA. 30+01.0 TO STA. 32+61.0	260.0 FOOT
<b>SHEET TOTAL =</b>	<b>260.0 FOOT</b>

<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6-18</b>	
RT. STA. 30+01.0 TO STA. 32+61.0	260 FOOT
<b>SHEET TOTAL =</b>	<b>260 FOOT</b>

<b>LIGHT POLE TO BE REMOVED ( BY OTHERS )</b>	
21.3' RT STA. 30+48.9	1 EACH
21.4' RT STA. 32+42.5	1 EACH
<b>SHEET TOTAL =</b>	<b>2 EACH</b>

<b>DETECTABLE WARNINGS</b>	
RT. STA. 30+86.0 TO STA. 30+91	10 SQ. FT.
<b>SHEET TOTAL =</b>	<b>10 SQ. FT.</b>

<b>DECORATIVE LIGHT TYPE A</b>	
20.5' RT. STA. 30+31.0	1 EACH
20.5' RT. STA. 30+79.3	1 EACH
20.5' RT. STA. 31+72.4	1 EACH
20.5' RT. STA. 32+52.6	1 EACH
<b>SHEET TOTAL =</b>	<b>4 EACH</b>

<b>LIGHT POLE FOUNDATION, 24" DIAMETER</b>	
20.5' RT. STA. 30+31.0	5.7 FOOT
20.5' RT. STA. 30+79.3	5.7 FOOT
20.5' RT. STA. 31+72.4	5.7 FOOT
20.5' RT. STA. 32+52.6	5.7 FOOT
<b>SHEET TOTAL =</b>	<b>22.8 FOOT</b>

- 1 PROPOSED STORM WATER CURB OPENING
- 2 INTENTIONALLY NOT USED
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24"Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" f LIGHT POLE FOUNDATION - 2.5' BACK OF CURB TO CENTER (BY OTHERS). CONTRACTOR INSTALL CONDUIT TO LIGHT LOCATION WITH STUB TO GRADE.
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

<b>TELESCOPING STEEL SIGN SUPPORT</b>	
RT. STA. 31+01	10.0 FOOT
<b>TOTAL =</b>	<b>10.0 FOOT</b>

**LEGEND**

M.E. MATCH EXISTING  
 XXX.XX EXISTING SPOT ELEV.  
 XXX.XX EXISTING SPOT ELEV. TO MATCH  
 XXX.XX PROPOSED SPOT ELEV.  
 XXX.XX T PROPOSED TOP OF CURB ELEV.  
 XXX.XX B PROPOSED BOTTOM OF CURB ELEV.  
 XXX.XX FL PROPOSED FLOWLINE OF CURB ELEV.  
 XX DRAINAGE STRUCTURE NUMBER SEE SHEET #5  
 5x5 LEVEL LANDING TO BE CONSTRUCTED - 5x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

N:\New Projects\M-179 StreetScape Phase III\Plan Sheets.dgn

**CHASTAIN & ASSOCIATES LLC**  
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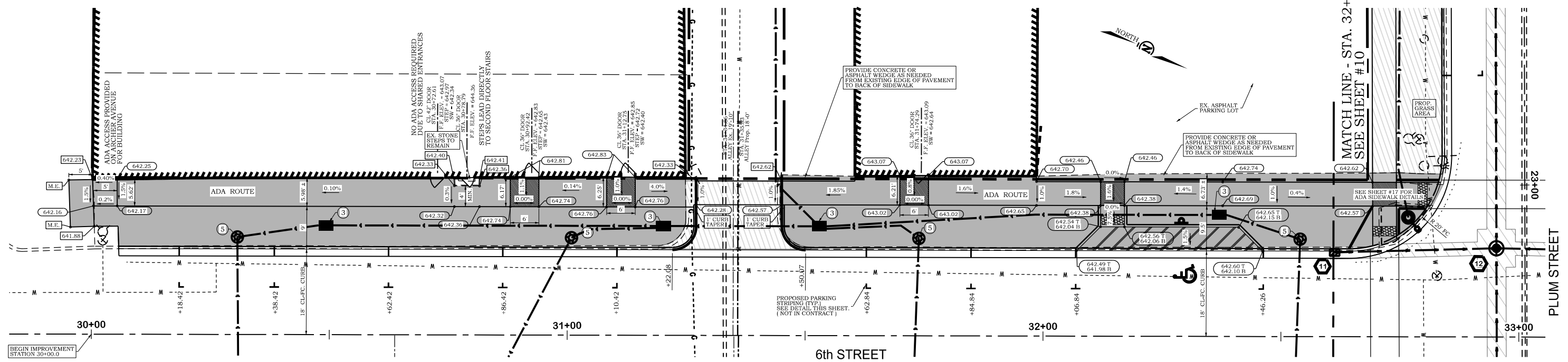
330 NORTH CENTRAL AVENUE  
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 PH. (217) 465-5306

<b>SCALES</b>	DRAWN TLT DATE 2/13/2023
PLAN : HOR. 1"=10' VERT. 1"=2'	CHECKED DATE
REVISED DATE	APPROVED CMF DATE 2/13/2023
REVISED DATE	REVISED DATE

CHASTAIN ENGINEERING  
 FILE NO.  
**M-179**  
 7667.07

**PLAN AND PROFILE - 6th STREET ( EAST SIDE )**  
**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

ARCHER AVENUE

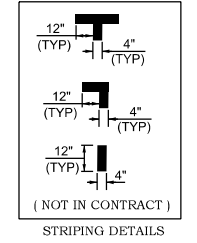
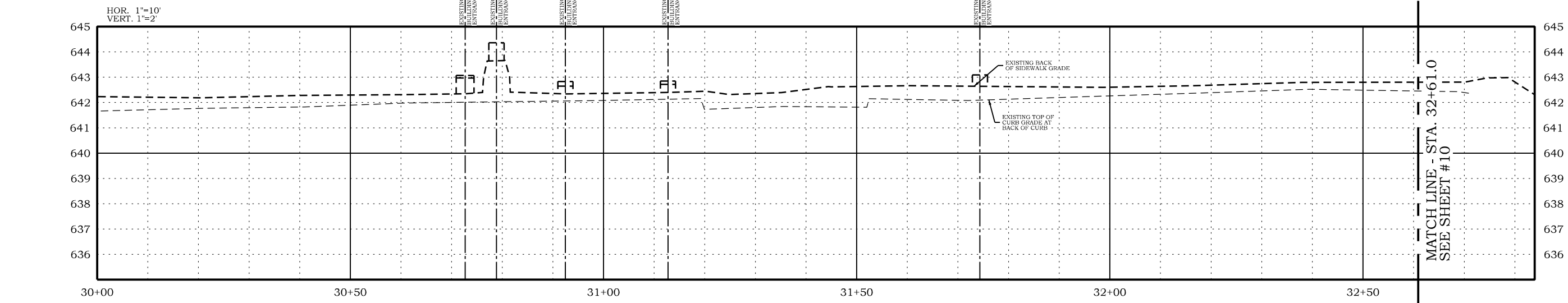


6th STREET  
 SEE SHEET #12

MATCH LINE - STA. 32+61.0  
 SEE SHEET #10

MATCH LINE - STA. 32+61.0  
 SEE SHEET #10

PLUM STREET



	<b>SIDEWALK REMOVAL</b> LT STA. 29+95.5 TO STA. 31+24.9 1,793.6 SQ. FT. LT STA. 31+44.7 TO STA. 32+61.0 1,763.3 SQ. FT. <b>SHEET TOTAL = 3,556.9 SQ. FT.</b>
	<b>DRIVEWAY PAVEMENT REMOVAL</b> LT STA. 31+19.1 TO STA. 31+51.2 34.0 SQ. YD. <b>SHEET TOTAL = 34.0 SQ. YD.</b>
	<b>HANDHOLE</b> 23' LT STA. 30+49.3 1 EACH 23' LT STA. 31+20.2 1 EACH 23' LT STA. 31+52.9 1 EACH 26' LT STA. 32+36.9 1 EACH <b>SHEET TOTAL = 4 EACH</b>

	<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b> LT STA. 31+22.1 TO STA. 31+50.1 20.0 SQ. YD. LT STA. 32+06.8 TO STA. 32+46.3 19.1 SQ. YD. <b>SHEET TOTAL = 39.1 SQ. YD.</b>
	<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b> LT STA. 29+95.5 TO STA. 31+26.6 1,854.5 SQ. FT. LT STA. 31+45.6 TO STA. 32+61.0 1,485.1 SQ. FT. <b>SHEET TOTAL = 3,339.6 SQ. FT.</b>
	<b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b> LT STA. 31+26.6 TO STA. 31+45.6 95 SQ. FT. <b>SHEET TOTAL = 95 SQ. FT.</b>

	<b>COMBINATION CURB &amp; GUTTER REMOVAL</b> LT STA. 30+05.7 TO STA. 32+61.0 255.3 FOOT <b>SHEET TOTAL = 255.3 FOOT</b>
	<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b> LT STA. 30+05.7 TO STA. 32+61.0 255.3 FOOT <b>SHEET TOTAL = 255.3 FOOT</b>
	<b>SIGN PANEL - TYPE 1</b> LT STA. 32+29.0 2.0 SQ. FT. <b>TOTAL = 2.0 SQ. FT.</b>
	<b>TELESCOPING STEEL SIGN SUPPORT</b> LT STA. 32+29.0 10.0 FOOT <b>TOTAL = 10.0 FOOT</b>

	<b>DETECTABLE WARNINGS</b> LT STA. 32+12.1 TO STA. 32+17.1 10 SQ. FT. <b>SHEET TOTAL = 10 SQ. FT.</b>
	<b>DECORATIVE LIGHT TYPE A</b> 20.5' LT STA. 30+30.6 1 EACH 20.5' LT STA. 31+00.9 1 EACH 20.5' LT STA. 31+73.9 1 EACH 20.5' LT STA. 32+54.0 1 EACH <b>SHEET TOTAL = 4 EACH</b>
	<b>LIGHT POLE FOUNDATION, 24" DIAMETER</b> 20.5' LT STA. 30+30.6 5.7 FOOT 20.5' LT STA. 31+00.9 5.7 FOOT 20.5' LT STA. 31+73.9 5.7 FOOT 20.5' LT STA. 32+54.0 5.7 FOOT <b>SHEET TOTAL = 22.8 FOOT</b>

- ① PROPOSED STORM WATER CURB OPENING
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- ⑦ CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

LEGEND	
M.E.	MATCH EXISTING
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XXX.XX	EXISTING SPOT ELEV. TO MATCH
XXX.XX	PROPOSED SPOT ELEV.
XXX.XX T	PROPOSED TOP OF CURB ELEV.
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XXX.XX FL	PROPOSED FLOWLINE OF CURB ELEV.
⊗	DRAINAGE STRUCTURE NUMBER SEE SHEET #5
5'	LEVEL LANDING TO BE CONSTRUCTED - 5x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
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  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
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N:\New Projects\IM-179 StreetScape Phase III\Plan Sheets.dgn

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330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
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SCALES	
PLAN : HOR. 1"=10'	VERT. 1"=2'
REVISION	DATE

CHASTAIN ENGINEERING  
 FILE NO. **M-179**  
 7667.07

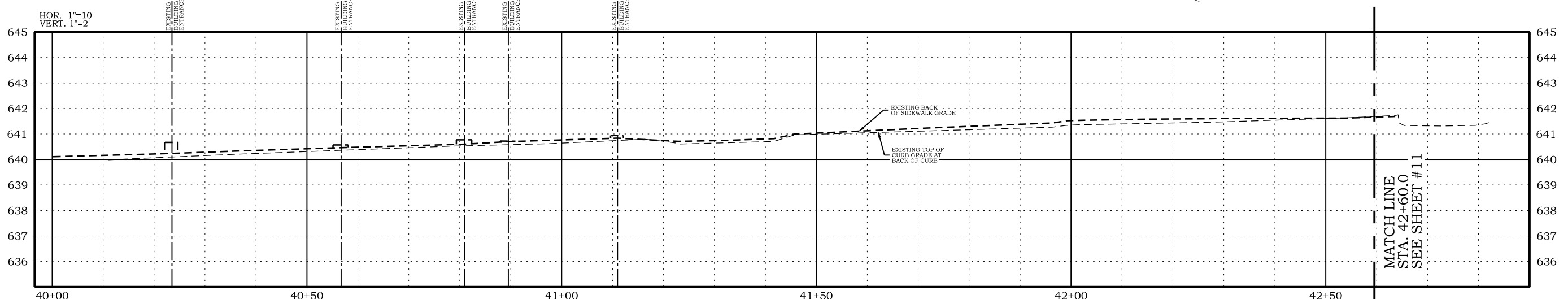
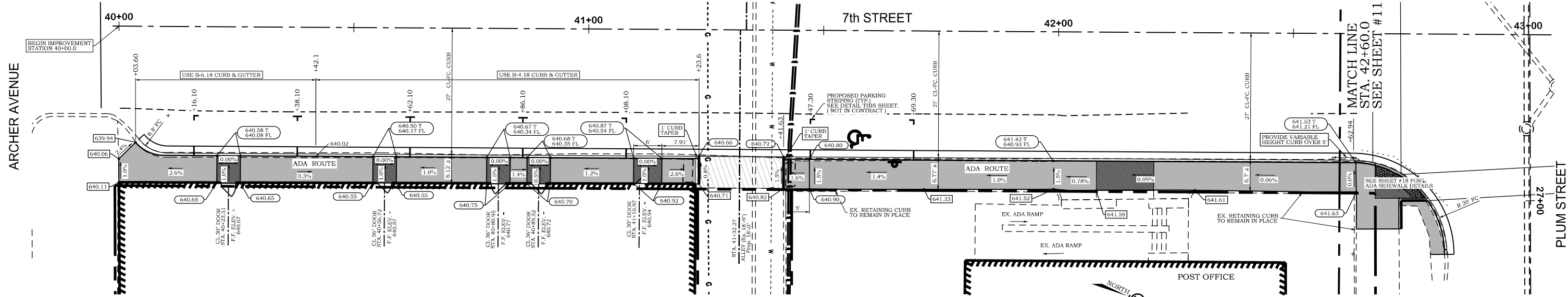
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 DATE: 2/13/2023  
 CHECKED: CMF  
 DATE: 2/13/2023  
 APPROVED: CMF  
 DATE: 2/13/2023

**PLAN AND PROFILE - 6th STREET ( WEST SIDE )**

**DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3**  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

SHEET NO. **13**  
 OF 21 SHEETS

SEE SHEET #15



<b>SIDEWALK REMOVAL</b>	
RT. STA. 40+00.1 TO STA. 41+22.9	677.1 SQ. FT.
RT. STA. 41+41.6 TO STA. 42+60	731.2 SQ. FT.
<b>SHEET TOTAL =</b>	<b>1,408.3 SQ. FT.</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>	
RT. STA. 40+00.1 TO STA. 41+23.6	699.2 SQ. FT.
RT. STA. 41+41.6 TO STA. 42+60.0	734.1 SQ. FT.
<b>SHEET TOTAL =</b>	<b>1,433.3 SQ. FT.</b>

<b>DRIVEWAY PAVEMENT REMOVAL</b>	
RT. STA. 41+22.9 TO STA. 41+41.6	14.2 SQ. YD.
<b>SHEET TOTAL =</b>	<b>14.2 SQ. YD.</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b>	
RT. STA. 41+23.6 TO STA. 41+41.6	102.5 SQ. FT.
<b>SHEET TOTAL =</b>	<b>102.5 SQ. FT.</b>

<b>SIGN PANEL - TYPE 1</b>	
RT. STA. 41+65.3	2.0 SQ. FT.
<b>TOTAL =</b>	<b>2.0 SQ. FT.</b>

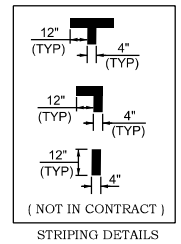
<b>COMBINATION CURB &amp; GUTTER REMOVAL</b>	
RT. STA. 40+03.6 TO STA. 42+60	256.5 FOOT
<b>SHEET TOTAL =</b>	<b>256.5 FOOT</b>

<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b>	
RT. STA. 41+23.6 TO STA. 41+41.6	2.1 SQ. YD.
<b>SHEET TOTAL =</b>	<b>2.1 SQ. YD.</b>

<b>TELESCOPING STEEL SIGN SUPPORT</b>	
RT. STA. 41+65.3	10.0 FOOT
<b>TOTAL =</b>	<b>10.0 FOOT</b>

<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b>	
RT. STA. 40+03.6 TO STA. 40+42.1 (6")	38.6 FOOT
RT. STA. 40+42.1 TO STA. 41+23.6 (4")	81.5 FOOT
RT. STA. 41+23.6 TO STA. 42+60.0 (6")	136.4 FOOT
<b>SHEET TOTAL =</b>	<b>256.5 FOOT</b>

- 1 PROPOSED STORM WATER CURB OPENING
- 2 INTENTIONALLY NOT USED
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24"Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" FLIGHT POLE FOUNDATION - 2.5' BACK OF CURB TO CENTER (BY OTHERS). CONTRACTOR INSTALL CONDUIT TO LIGHT LOCATION WITH STUB TO GRADE.
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL



LEGEND	
<b>M.E.</b>	MATCH EXISTING
XXX.XX	EXISTING SPOT ELEV.
XXX.XX	EXISTING SPOT ELEV. TO MATCH
XXX.XX T	PROPOSED SPOT ELEV.
XXX.XX B	PROPOSED TOP OF CURB ELEV.
XXX.XX B	PROPOSED BOTTOM OF CURB ELEV.
XXX.XX FL	PROPOSED FLOWLINE OF CURB ELEV.
XX	DRAINAGE STRUCTURE NUMBER SEE SHEET #5
5' x 5'	LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION CONTACT THE CITY TO RELOCATE.

**CHASTAIN & ASSOCIATES LLC**  
 CONSULTING ENGINEERS  
 SERVICE | SOLUTIONS | COMMITMENT

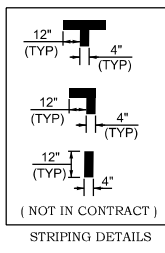
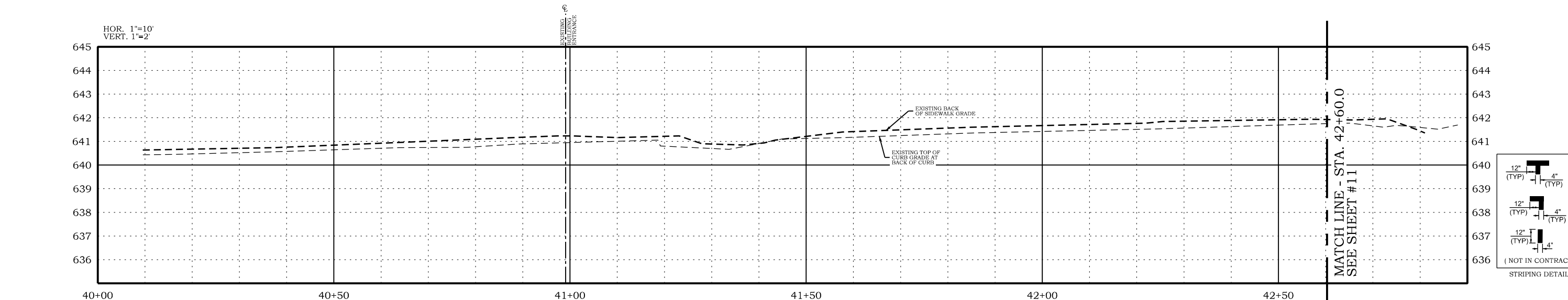
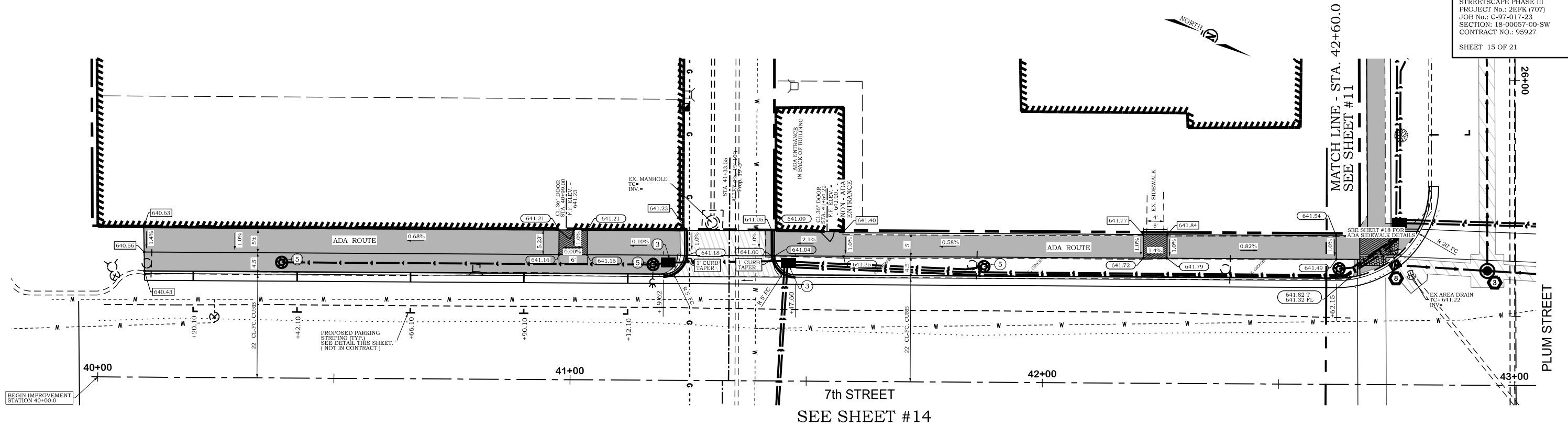
330 NORTH CENTRAL AVENUE  
 PARIS, ILLINOIS 61944  
 PH. (217) 465-5306

<b>SCALES</b>	PLAN : HOR. 1"=10' VERT. 1"=2'
DRAWN	TL
DATE	7/13/2023
CHECKED	
DATE	
REVISD	
DATE	
APPROVED	CMF
DATE	7/13/2023
REVISD	
DATE	

CHASTAIN ENGINEERING  
 FILE NO. **M-179**  
 7667.07

PLAN AND PROFILE - 7th STREET ( EAST SIDE )  
 DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3  
 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY

ARCHER AVENUE



<b>SIDEWALK REMOVAL</b>	
LT. STA. 40+09.6 TO STA. 41+23.2	1,039.1 SQ. FT.
LT. STA. 41+41.3 TO STA. 42+60.0	598.8 SQ. FT.
<b>SHEET TOTAL =</b>	<b>1,637.9 SQ. FT.</b>

<b>PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH</b>	
LT. STA. 41+20.0 TO STA. 41+47.6	9.4 SQ. YD.
<b>SHEET TOTAL =</b>	<b>9.4 SQ. YD.</b>

<b>COMBINATION CURB &amp; GUTTER REMOVAL</b>	
LT. STA. 40+09.6 TO STA. 42+60.0	250.4 FOOT
<b>SHEET TOTAL =</b>	<b>250.4 FOOT</b>

<b>DRIVEWAY PAVEMENT REMOVAL</b>	
LT. STA. 41+18.8 TO STA. 41+44.6	21.7 SQ. YD.
<b>SHEET TOTAL =</b>	<b>21.7 SQ. YD.</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH</b>	
LT. STA. 41+24.1 TO STA. 41+43.1	101.6 SQ. FT.
<b>SHEET TOTAL =</b>	<b>101.6 SQ. FT.</b>

<b>COMBINATION CONCRETE CURB AND GUTTER, TYP. B-6.18</b>	
LT. STA. 40+09.7 TO STA. 42+60.0	250.3 FOOT
<b>SHEET TOTAL =</b>	<b>250.3 FOOT</b>

<b>DECORATIVE LIGHT TYPE A</b>	
24.5' LT. STA. 40+38.8	1 EACH
24.5' LT. STA. 41+17.4	1 EACH
24.5' LT. STA. 41+87.5	1 EACH
<b>SHEET TOTAL =</b>	<b>3 EACH</b>

<b>HANDHOLE</b>	
25' LT. STA. 41+20.6	1 EACH
25' LT. STA. 41+46.1	1 EACH
<b>SHEET TOTAL =</b>	<b>2 EACH</b>

<b>PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH</b>	
LT. STA. 40+09.7 TO STA. 41+24.1	1,051.7 SQ. FT.
LT. STA. 41+43.1 TO STA. 42+60.0	588.8 SQ. FT.
<b>SHEET TOTAL =</b>	<b>1,640.5 SQ. FT.</b>

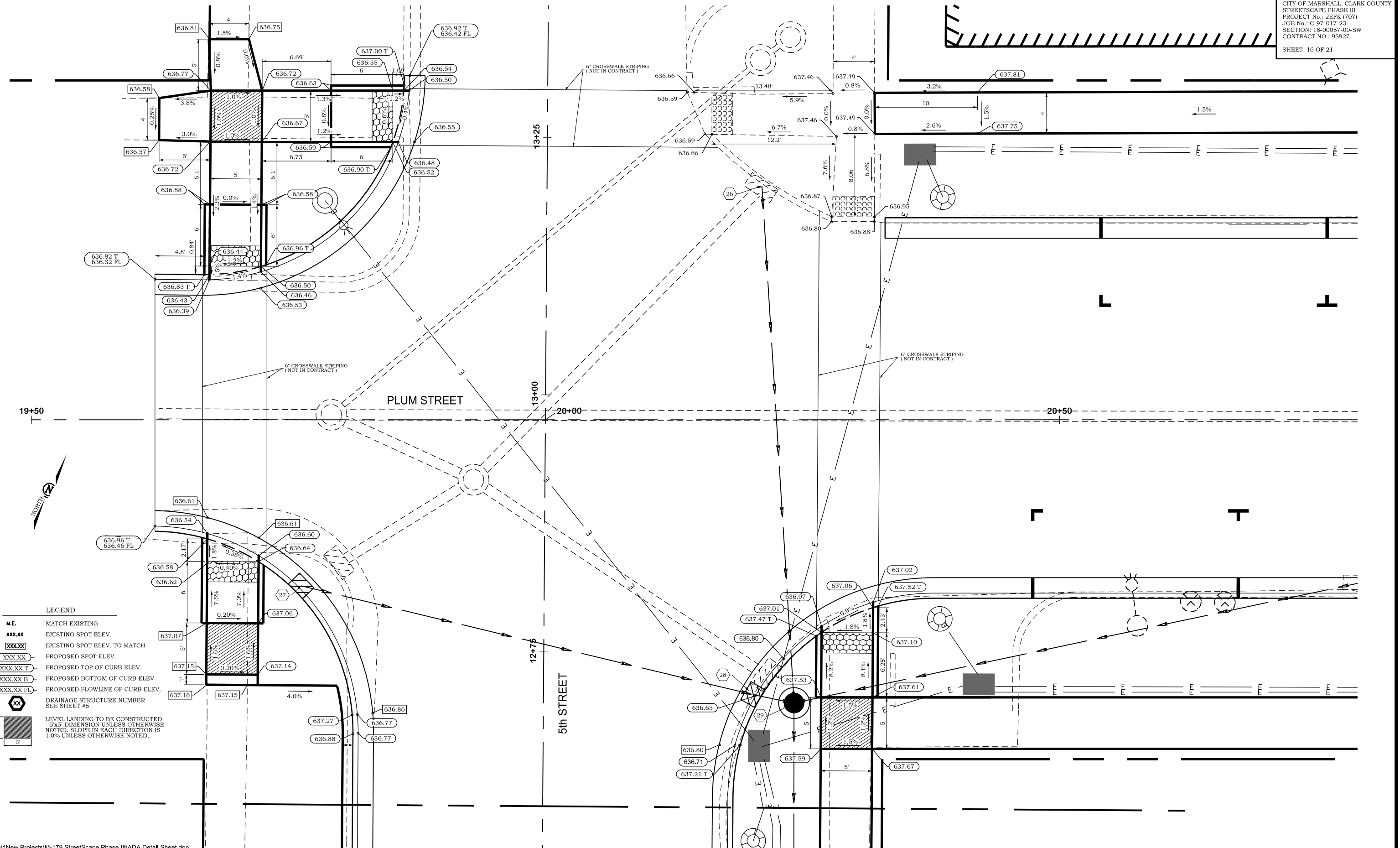
<b>LIGHT POLE TO BE REMOVED ( BY OTHERS )</b>	
24.9' LT STA. 41+17.5	1 EACH
<b>SHEET TOTAL =</b>	<b>1 EACH</b>

<b>LIGHT POLE FOUNDATION, 24" DIAMETER</b>	
24.5' LT. STA. 40+38.8	5.7 FOOT
24.5' LT. STA. 41+17.4	5.7 FOOT
24.5' LT. STA. 41+87.5	5.7 FOOT
<b>SHEET TOTAL =</b>	<b>17.1 FOOT</b>

- 1 PROPOSED STORM WATER CURB OPENING
- 2 INTENTIONALLY NOT USED
- 3 PROPOSED HANDHOLE
- 4 TREE REMOVAL (BY CITY OF MARSHALL)
- 5 PROPOSED DECORATIVE LIGHT TYPE A W/ 24"Ø LIGHT POLE FOUNDATION (2' BACK OF CURB TO CENTER)
- 6 PROPOSED DECORATIVE LIGHT TYPE B W/ 30" f LIGHT POLE FOUNDATION - 2.5' BACK OF CURB TO CENTER (BY OTHERS). CONTRACTOR INSTALL CONDUIT TO LIGHT LOCATION WITH STUB TO GRADE.
- 7 CONFLICT WITH WATER MAIN ANTICIPATED COORDINATE WITH CITY OF MARSHALL

LEGEND	
<b>M.E.</b>	MATCH EXISTING
<b>xxx.xx</b>	EXISTING SPOT ELEV.
<b>xxx.xx</b>	EXISTING SPOT ELEV. TO MATCH
<b>xxx.xx</b>	PROPOSED SPOT ELEV.
<b>xxx.xx T</b>	PROPOSED TOP OF CURB ELEV.
<b>xxx.xx B</b>	PROPOSED BOTTOM OF CURB ELEV.
<b>xxx.xx FL</b>	PROPOSED FLOWLINE OF CURB ELEV.
<b>xx</b>	DRAINAGE STRUCTURE NUMBER SEE SHEET #5
	LEVEL LANDING TO BE CONSTRUCTED - 5x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

- GENERAL NOTES**
- A. PROVIDE 1/2" P.J.F. AROUND PERIMETER OF POWER POLES, LIGHT BASES, FIRE HYDRANTS AND TRAFFIC CONTROLLERS, AND AT ALL LOCATIONS WHERE NEW SIDEWALK IS ADJACENT TO NEW CURB AND GUTTER AND AT NEW OR EXISTING RETAINING WALLS.
  - B. EXISTING WATER METERS TO BE REMOVED AND REPLACED BY OWNER.
  - C. EXISTING FIRE HYDRANTS TO BE RELOCATED BY OWNER.
  - D. EXISTING LIGHT POLES, CONC. PLANTERS, PARK BENCHES, AND TRASH RECEPTACLES TO BE REMOVED BY OWNER.
  - E. EXISTING WATER MAINS AND GAS MAINS ARE SHOWN AT APPROXIMATE LOCATION PER CITY GIS MAP. IF IN CONFLICT WITH CONSTRUCTION NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED. CONTACT THE CITY TO RELOCATE.



**LEGEND**

- M.E. MATCH EXISTING
- xxx.xx EXISTING SPOT ELEV.
- xxx.xx EXISTING SPOT ELEV. TO MATCH
- xxx.xx PROPOSED SPOT ELEV.
- xxx.xx T PROPOSED TOP OF CURB ELEV.
- xxx.xx B PROPOSED BOTTOM OF CURB ELEV.
- xxx.xx FL PROPOSED FLOWLINE OF CURB ELEV.
- xx DRAINAGE STRUCTURE NUMBER SEE SHEET #5
- 5' x 5' LEVEL LANDING TO BE CONSTRUCTED - 5'x5' DIMENSION UNLESS OTHERWISE NOTED. SLOPE IN EACH DIRECTION IS 1.0% UNLESS OTHERWISE NOTED.

N:\New Projects\M-179 StreetScape Phase III\ADA Detail Sheet.dgn

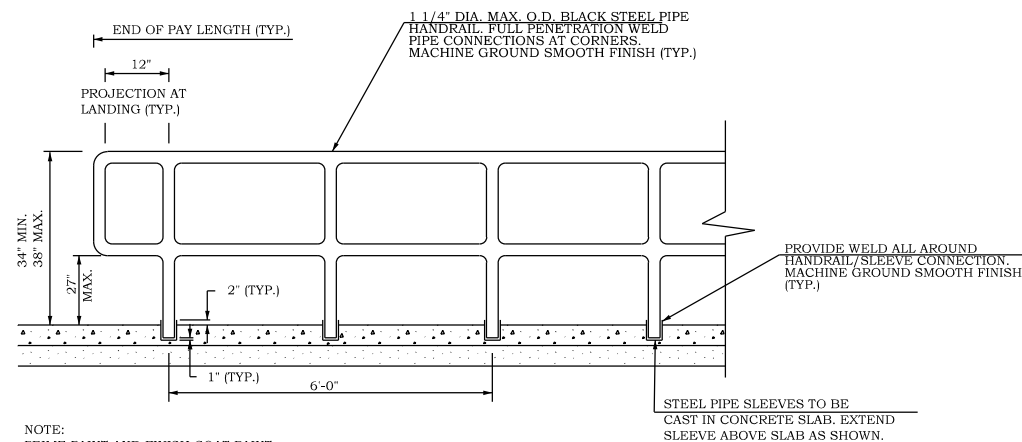
<p><b>CHASTAIN &amp; ASSOCIATES LLC</b>          CONSULTING ENGINEERS          SERVICE   SOLUTIONS   COMMITMENT™</p>	330 NORTH CENTRAL AVENUE PARIS, ILLINOIS 61944 PH. (217) 465-5306	
	SCALES PLAN : HOR. 1" = 4'	DRAWN: TLT DATE: 2/13/2023 CHECKED: [ ] DATE: [ ] APPROVED: CMF DATE: 2/13/2023 REVISED: [ ] DATE: [ ]
	CHASTAIN ENGINEERING FILE NO. <b>M-179</b> <b>7667.07</b>	

<b>5TH STREET &amp; PLUM STREET INTERSECTION DETAIL</b> DOWNTOWN SIDEWALK IMPROVEMENTS - PHASE 3 CITY OF MARSHALL, ILLINOIS, CLARK COUNTY		SHEET NO. <b>16</b> OF 21 SHEETS
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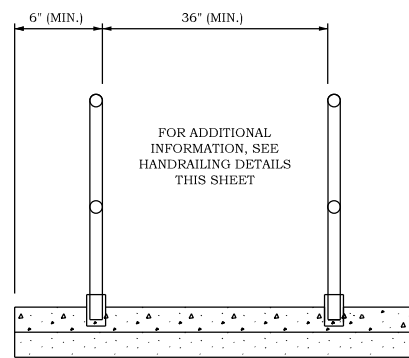




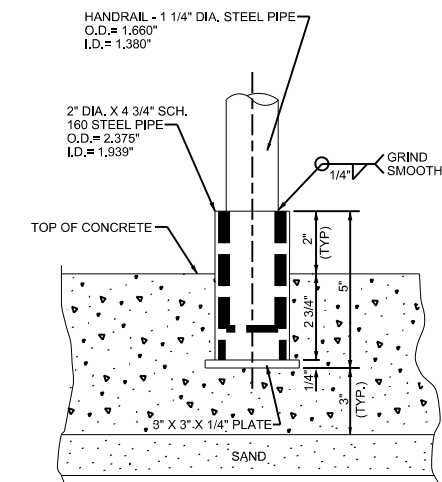


NOTE:  
 PRIME PAINT AND FINISH COAT PAINT  
 TO COMPLY WITH MATERIAL SPECIFICATIONS.  
 SUBMIT PROPOSED PAINTING SYSTEM TO  
 ENGINEER FOR APPROVAL PRIOR TO PAINTING.  
 FINISH COAT COLOR TO BE SELECTED BY CITY.

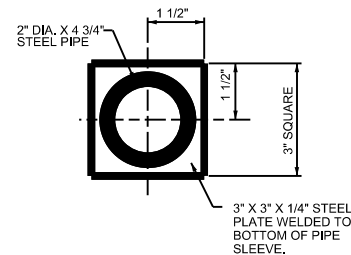
ADA HANDRAILING DETAIL  
 N.T.S.



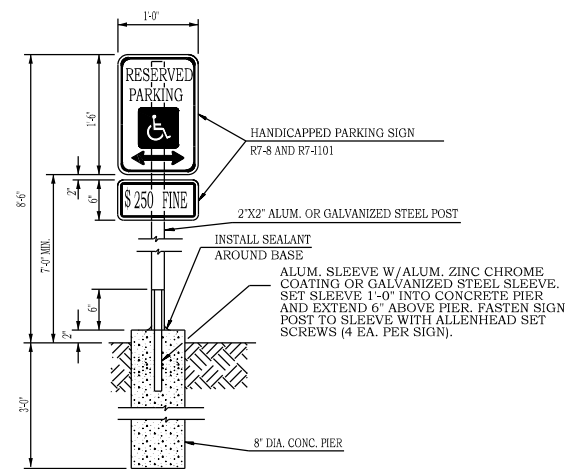
ADA RAIL/HANDRAIL SECTION  
 N.T.S.



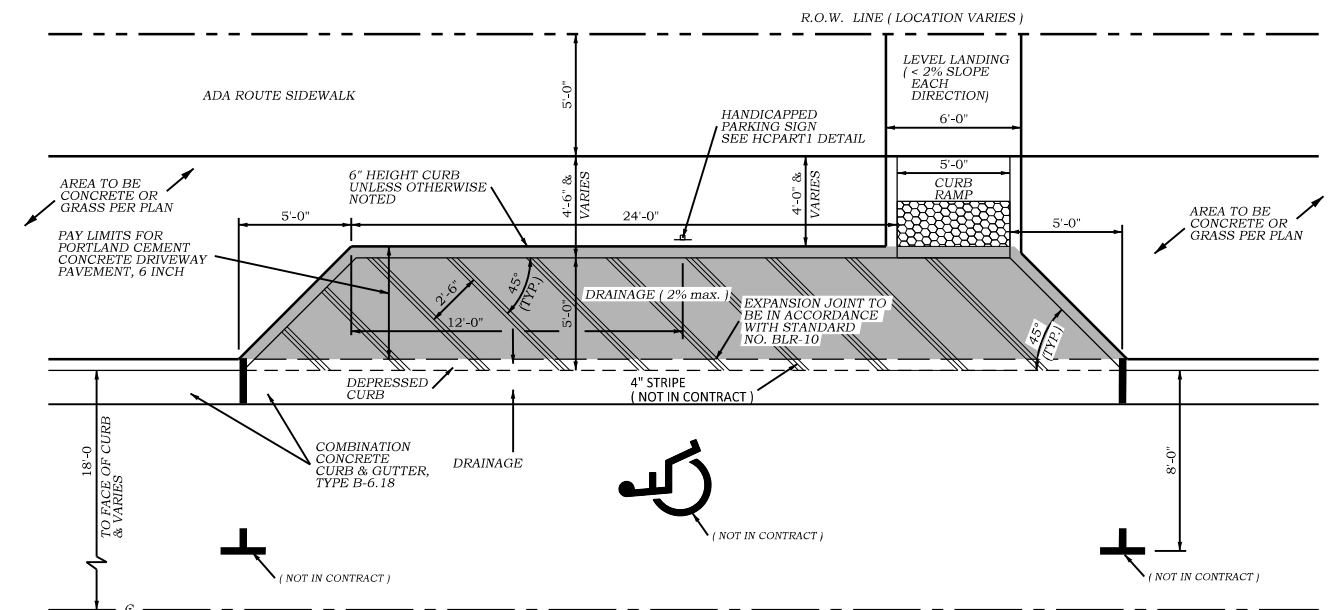
ADA PIPE SLEEVE - SECTION VIEW  
 N.T.S.



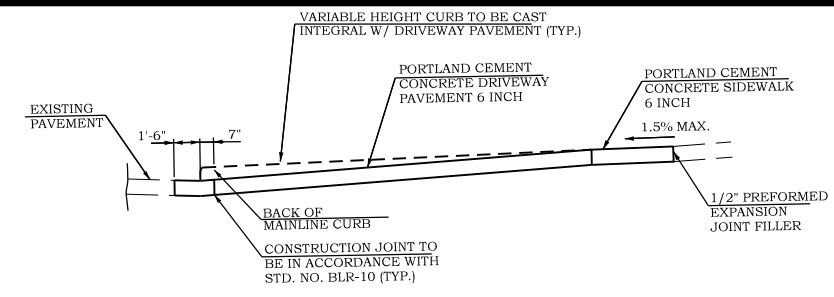
ADA PIPE SLEEVE - PLAN VIEW  
 N.T.S.



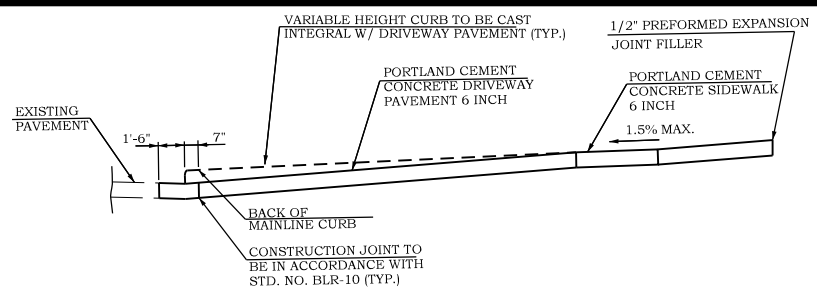
ADA PARKING SIGN  
 HCPART1 DETAIL  
 N.T.S.



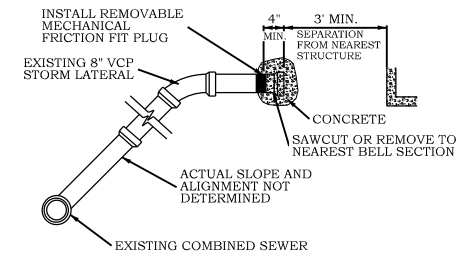
ACCESSIBLE PARKING SPACE W/ CURB RAMP



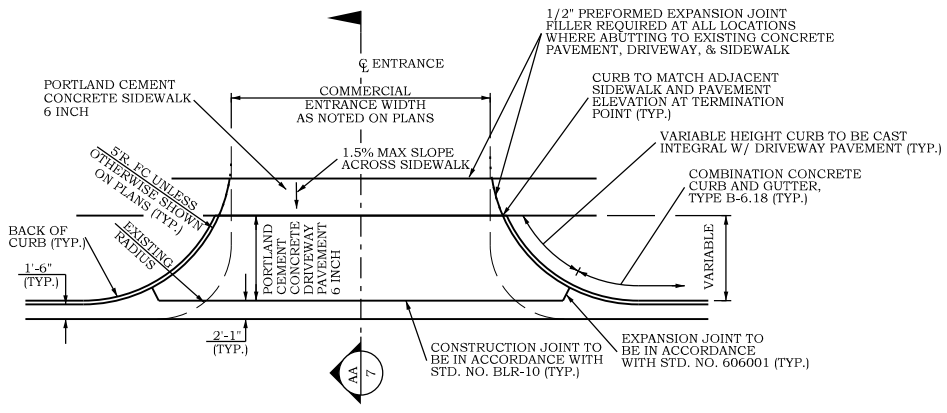
**AA**  
 7  
**COMMERCIAL/ ALLEY ENTRANCES SECTION WITH NEW SIDEWALK**  
 N.T.S.



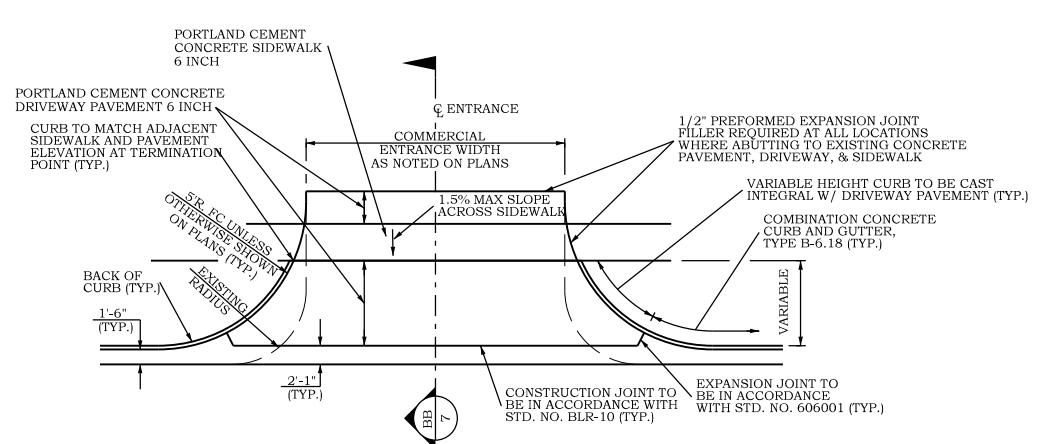
**BB**  
 7  
**COMMERCIAL/ ALLEY ENTRANCES SECTION WITH NEW PAVEMENT BEHIND NEW SIDEWALK**  
 N.T.S.



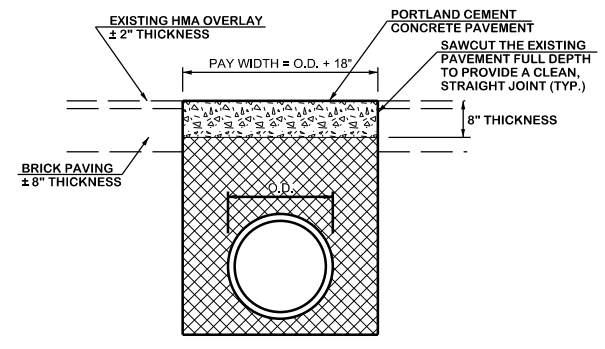
**PLUG EXISTING STORM SEWERS**  
 N.T.S.



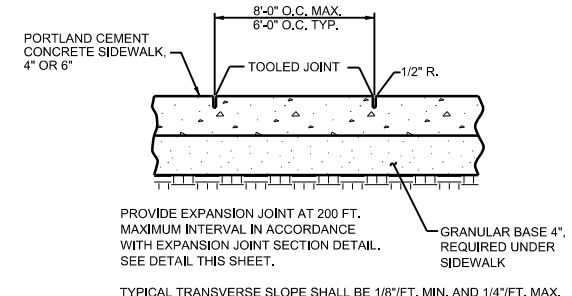
**DETAIL OF COMMERCIAL/ ALLEY ENTRANCES WITH NEW SIDEWALK**



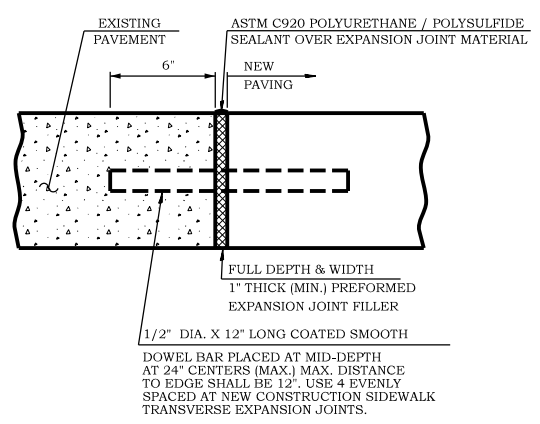
**DETAIL OF COMMERCIAL/ ALLEY ENTRANCES WITH NEW PAVEMENT BEHIND NEW SIDEWALK**



**CLASS C PATCHES**  
 N.T.S.



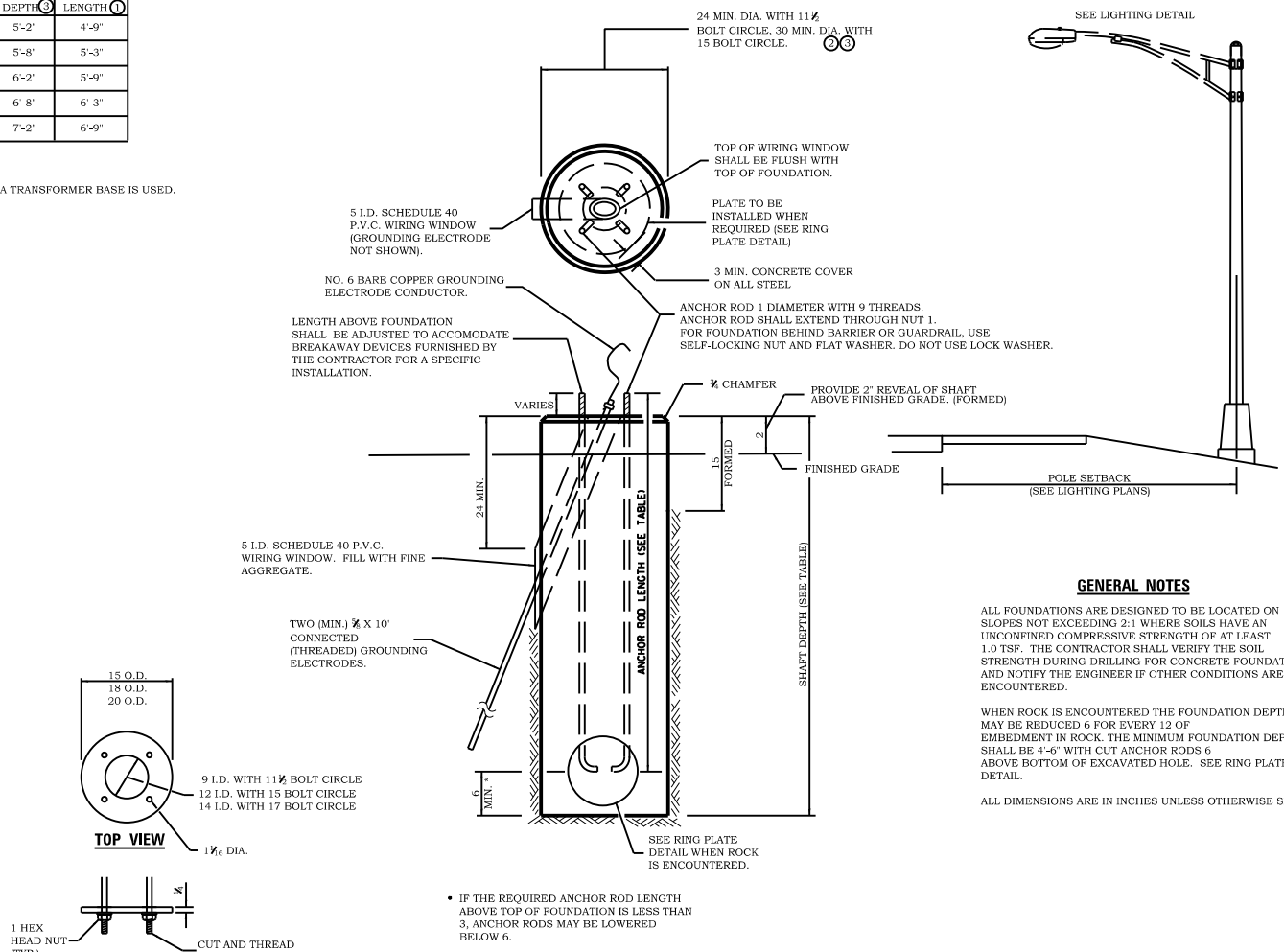
**PORTLAND CEMENT CONCRETE SIDEWALK**  
 N.T.S.



**SIDEWALK EXPANSION JOINT SECTION**  
 N.T.S.

CONCRETE FOUNDATION				
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH
2-30'	11 1/2" (3)	24	5'-2"	4'-9"
31'-35'	11 1/2" (3)	24	5'-8"	5'-3"
36'-40'	15 (2)	30	6'-2"	5'-9"
41'-45'	15 (2)	30	6'-8"	6'-3"
46'-50'	15 (2)	30	7'-2"	6'-9"

- ① LENGTH DOES NOT INCLUDE 4 HOOK.
- ② BOLT CIRCLE DIAM. SHALL BE 17 WHEN A TRANSFORMER BASE IS USED.
- ③ OR AS REQUIRED BY MANUFACTURER.



**GENERAL NOTES**

ALL FOUNDATIONS ARE DESIGNED TO BE LOCATED ON SLOPES NOT EXCEEDING 2:1 WHERE SOILS HAVE AN UNCONFINED COMPRESSIVE STRENGTH OF AT LEAST 1.0 TSF. THE CONTRACTOR SHALL VERIFY THE SOIL STRENGTH DURING DRILLING FOR CONCRETE FOUNDATIONS AND NOTIFY THE ENGINEER IF OTHER CONDITIONS ARE ENCOUNTERED.

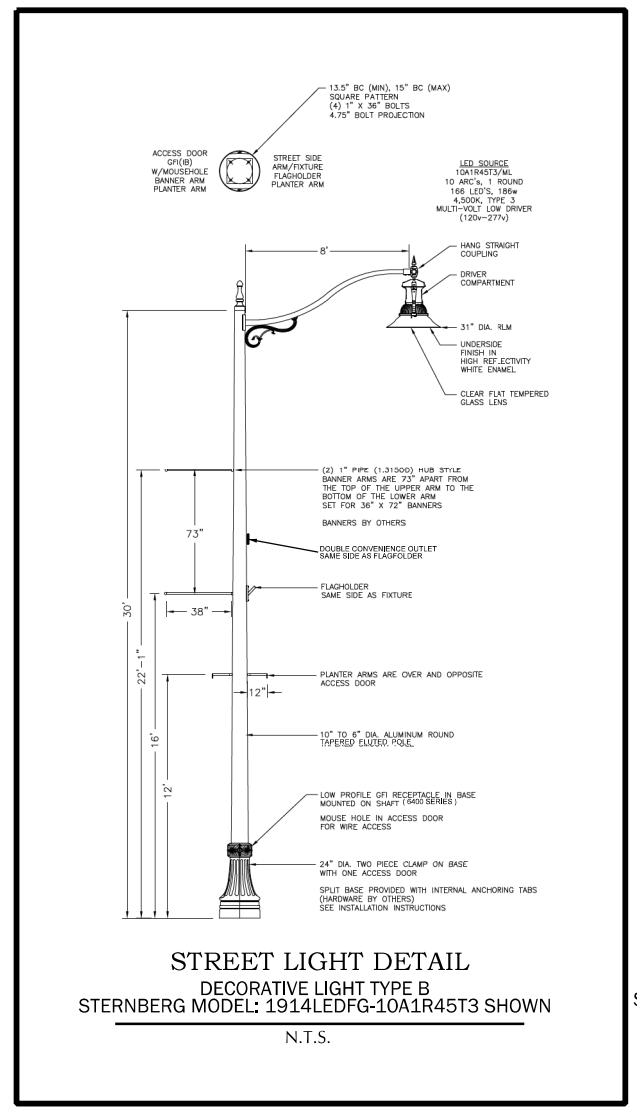
WHEN ROCK IS ENCOUNTERED THE FOUNDATION DEPTH MAY BE REDUCED 6" FOR EVERY 12" OF EMBEDMENT IN ROCK. THE MINIMUM FOUNDATION DEPTH SHALL BE 4'-6" WITH CUT ANCHOR RODS 6" ABOVE BOTTOM OF EXCAVATED HOLE. SEE RING PLATE DETAIL.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

**CONCRETE FOUNDATION**

**LIGHT POLE FOUNDATION**

N.T.S.



(BY OTHERS)

