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04-27-2018 LETTING ITEM 186

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	14-00266-02-PV	COLES	60	1
		ILLINOIS		CONTRACT NO. 95829

**PROPOSED  
HIGHWAY PLANS  
STU FUNDS**

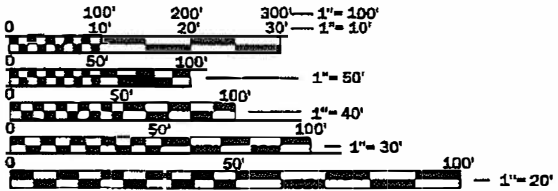
**FAU 7676 MARSHALL AVENUE  
SECTION 14-00266-02-PV  
PROJECT WR38(941)  
STREET REHABILITATION  
COLES COUNTY**

C-97-044-18



- LIST OF ILLINOIS DOT HIGHWAY STANDARDS**
- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
  - 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
  - 420001-09 PAVEMENT JOINTS
  - 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
  - 424001-10 PERPENDICULAR CURB RAMPS
  - 602301-04 INLET TYPE A
  - 602401-04 MANHOLE TYPE A
  - 602402 PRECAST MANHOLE TYPE A 5' (1.52M) DIAMETER
  - 602406-08 PRECAST MANHOLE TYPE A 6' (1.83M) DIAMETER
  - 602601-05 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
  - 604001-04 FRAME AND LIDS TYPE 1
  - 604006-05 FRAME AND GRATE TYPE 3
  - 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
  - 701001-02 OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' FROM EDGE OF PAVEMENT
  - 701006-05 OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM EDGE OF PAVEMENT
  - 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
  - 701501-06 LANE CLOSURE, 2L, 2W, UNDIVIDED
  - 701901-07 TRAFFIC CONTROL DEVICES
  - 780001-05 TYPICAL PAVEMENT MARKINGS
  - BLR 10-7 PCC PAVEMENT SPECIAL (NON-REINFORCED)
  - BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (ROAD CLOSED)
  - BLR 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (ROAD CLOSED TO THRU TRAFFIC)

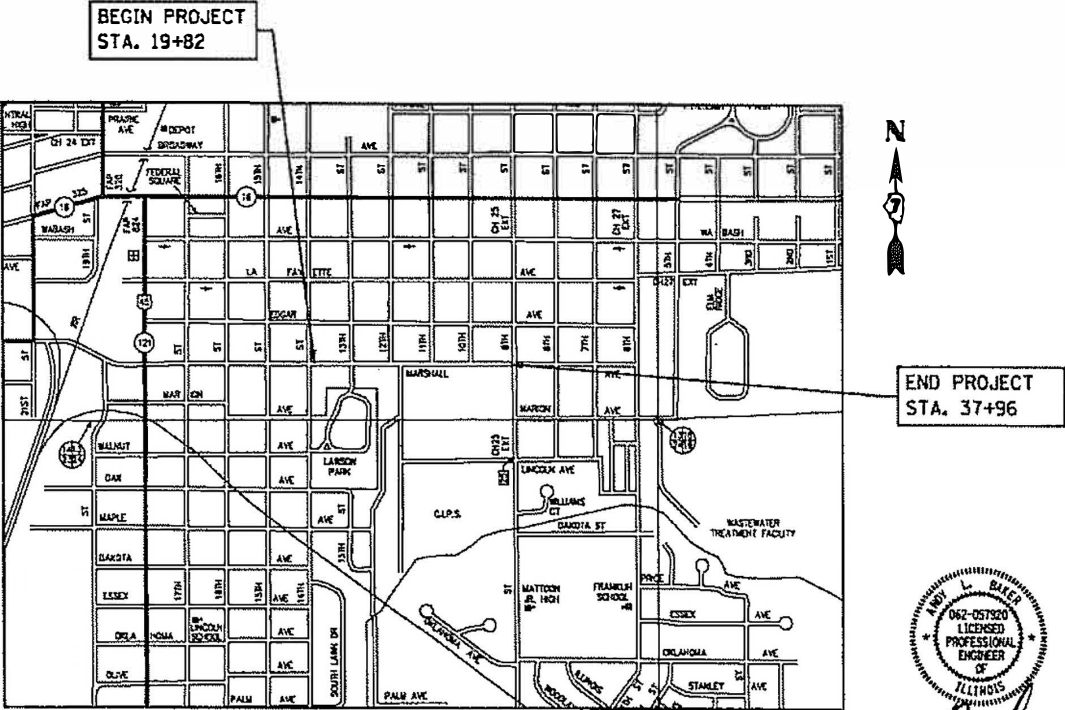
FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 30 MPH  
DESIGN ADT = 4950 (2017), 6200 (2037)  
DESIGN DHV = 505 (2017), 632 (2037)  
% TRUCKS = 2.4 % (2037)



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

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

**PROJECT ENGINEER  
PROJECT MANAGER  
CONTRACT NO. 95829**



GROSS LENGTH = 1814 FT. = 0.34 MILE  
NET LENGTH = 1814 FT. = 0.34 MILE

*Andy L. Baker*  
ANDY L. BAKER  
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS  
DATE 11-9-18  
LICENSE EXPIRES 11-30-2019  
THE UPCHURCH GROUP, INC.  
123 NORTH 15th STREET  
MATTOON, ILLINOIS 61938

APPROVED *[Signature]*  
LOCAL AGENCY DIRECTOR OF PUBLIC WORKS

PASSED *[Signature]*  
DISTRICT SEVEN ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *[Signature]*  
REGION FOUR ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

## GENERAL NOTES

1. WHENEVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS" IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED APRIL 1, 2016 AND AS AMENDED BY THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
2. ADJUSTMENTS AND RELOCATIONS OF WATERMAINS AND WATER SERVICES SHALL BE DONE BY THE CITY OF MATTOON AND CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS 7<sup>TH</sup> EDITION.
3. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST OF THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AS LISTED ON THE COVER SHEET.
4. UTILITY LOCATIONS WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES. LOCATION ACCURACY SHOULD BE CONSIDERED APPROXIMATE. THE CITY AND ITS ENGINEER ASSUME NO RESPONSIBILITY WHATSOEVER FOR THE ACCURACY OF THE LOCATIONS SHOWN OR FOR THE COMPLETENESS OF THE DEPICTED UTILITY INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE EXACT UTILITY LOCATIONS AND TO PROTECT THEM.
5. NOTIFY J.U.L.I.E. 1-800-892-0123 FOR FIELD LOCATES OF NON-CITY UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF THE ANTICIPATED START OF CONSTRUCTION OPERATIONS THAT WILL INVOLVE EXISTING OR RELOCATED UTILITY FACILITIES.
6. ANY HAUL ROUTES SELECTED BY THE CONTRACTOR WITHIN THE CITY LIMITS SHALL REQUIRE PRIOR APPROVAL BY THE CITY OF MATTOON ENGINEER.
7. DRIVEWAY CENTERLINES ARE PERPENDICULAR TO THE PROPOSED MARSHALL AVENUE UNLESS OTHERWISE SHOWN ON THE PLANS.
8. ABANDONED SEWERS AND OPENINGS CREATED IN DRAINAGE STRUCTURES BY THE REMOVAL OF SEWERS SHALL BE PLUGGED IN ACCORDANCE WITH ARTICLE 550.05 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.
9. EXISTING PAVEMENT, SIDEWALKS AND/OR COMBINATION CURB AND GUTTER WHICH ARE TO BE JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH SAW CUT JUNCTIONS UNLESS EXISTING PAVING WAS TERMINATED IN A BULKHEAD CONSTRUCTION JOINT. JOINTS BETWEEN EXISTING AND PROPOSED PAVEMENT (OR CURB AND GUTTER) SHALL BE OF THE SAME TYPE AS EQUIVALENT JOINTS IN THE PROPOSED PAVEMENT (OR CURB AND GUTTER). DRILLING AND GROUTING TIE BARS OR DOWEL BARS INTO EXISTING PAVEMENT (OR CURB AND GUTTER) SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEM FOR THE ADJACENT PROPOSED PAVING WORK.
10. ALL PAVEMENT STUBS SHALL BE A MINIMUM OF ONE FOOT IN WIDTH UNLESS SPECIFICALLY DIMENSIONED OTHERWISE. WHERE PCC CONCRETE PAVEMENT IS LESS THAN THE REQUIRED STUB WIDTH, IT SHALL BE POURED MONOLITHICALLY WITH THE COMBINATION CONCRETE CURB AND GUTTER.
11. MINOR EXCAVATION REQUIRED BELOW EXISTING SIDEWALKS AND DRIVEWAYS TO BE REPLACED IN ORDER TO ACHIEVE PLAN SUBGRADE ELEVATION SHALL BE INCLUDED IN THE CONTRACT COST FOR SIDEWALK REMOVAL AND PCC DRIVEWAY PAVEMENT, 7 INCH AND NOT PAID FOR SEPARATELY. ESTIMATED QUANTITIES FOR SUCH EXCAVATIONS ARE INDICATED ON THE CROSS SECTION SHEETS.
12. APPLICATION RATES FOR FERTILIZER FOR AREAS TO BE SEEDED SHALL BE AS FOLLOWS IN ACCORDANCE WITH SECTION 250 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
 

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE

## EARTHWORK SCHEDULE

1 LOCATION	2 EARTH EXCAVATION	3 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	4 EMBANKMENT	5 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	
	CU YD	CU YD	CU YD	CU YD	
STA 19+82.00 TO STA 23+18.81	338	254	18	+236	
STA 23+18.81 TO STA 27+50.00	271	203	51	+152	
STA 27+50.00 TO STA 30+75.00	215	161	10	+151	
STA 30+75.00 TO STA 37+96.00	452	339	18	+321	
<b>TOTAL</b>	<b>1276</b>	<b>957</b>	<b>97</b>	<b>+860</b>	

COLUMN 1, 2, & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS  
 CUT = EARTH EXCAVATION    FILL = EMBANKMENT  
 COLUMN 3 - QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%  
 COLUMN 5 - EARTHWORK BALANCE (-) = QUANTITY OF FURNISHED EXCAVATION NEEDED FOR EARTHWORK BALANCE  
 (+) = QUANTITY OF EARTH EXCAVATION ADJUSTED FOR SHRINKAGE TO BE WASTED

Contract # 95829

FILE NAME =	USER NAME = S1034	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>GENERAL NOTES</b>	TOTAL SHEETS	SHEET NO.
P:\Civi\1\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sh1-gennote.dgn	DRAWN - SAE	REVISED -	60				2	
PLOT SCALE = 2.0000' / in.	CHECKED - MED	REVISED -						
PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -						
					SCALE:	PROJECT: 3115113-02		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	1276
25000100	SEEDING, CLASS 1	ACRE	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68
25100115	MULCH, METHOD 2	ACRE	0.75
28000500	INLET AND PIPE PROTECTION	EACH	30
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	3620
42000060	WELDED WIRE REINFORCEMENT	SQ YD	6420
* 42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	1636
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8250
42400800	DETECTABLE WARNINGS	SQ FT	206
44000100	PAVEMENT REMOVAL	SQ YD	6200
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1036

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3094
44000600	SIDEWALK REMOVAL	SQ FT	7829
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	671
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	587
550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	436
550B0120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	1178
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	23
60221000	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME , OPEN LID	EACH	1
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME , CLOSED LID	EACH	2
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME , CLOSED LID	EACH	2
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	34
60255500	MANHOLES TO BE ADJUSTED	EACH	7
60500040	REMOVING MANHOLES	EACH	3

\* SPECIAL PROVISIONS

FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-500.dgn	USER NAME = Sta15	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003491</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938 SCALE: PROJECT: 3115113-02	<b>SUMMARY OF QUANTITIES</b>	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.0000' / in.	DRAWN - SAE	REVISED -	60				3	
PLOT DATE = 1/9/2018	CHECKED - MED	REVISED -						
	DATE - NOV. 3, 2017	REVISED -						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
60500060	REMOVING INLETS	EACH	12
60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	3823
* 61139800	STORM SEWERS (SPECIAL), 4"	FOOT	12
* 61139900	STORM SEWERS (SPECIAL), 6"	FOOT	14
* Δ 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	302
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	172
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	454
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	84
* X0324078	CONFLICT MANHOLES	EACH	1
* X2080250	TRENCH BACKFILL, SPECIAL	CU YD	583

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL	SQ YD	6420
* X6023206	INLETS, TYPE A, TYPE 3 FRAME AND GRATE, SPECIAL	EACH	5
* X5510100	STORM SEWER REMOVAL	FOOT	689
* XX000372	TEMPORARY AGGREGATE	TON	78
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	11
* LR420010	PORTLAND CEMENT CONCRETE PAVEMENT (SPECIAL)	SQ YD	642

\* SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-500.dgn	USER NAME = StalS	DESIGNED - ALB	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - MED	DRAWN - SAE	REVISED -
PLOT DATE = 1/9/2018	DATE - NOV. 3, 2017		REVISED -

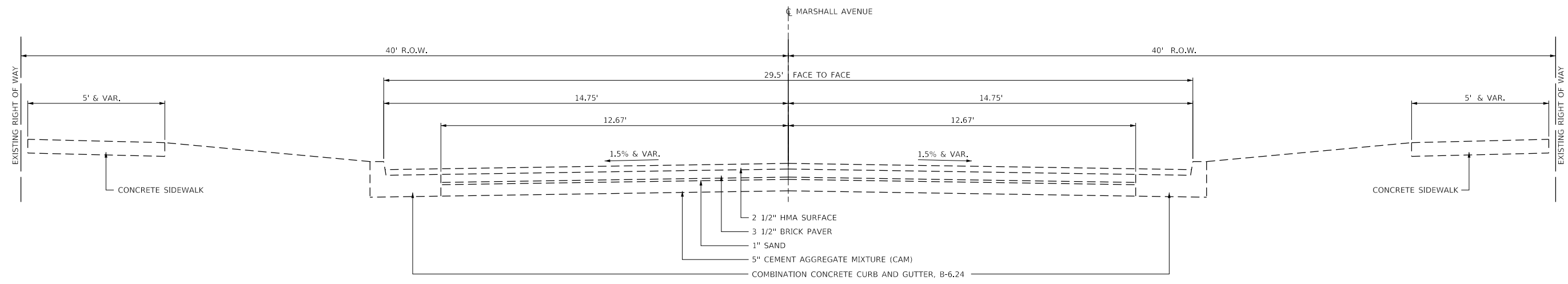
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

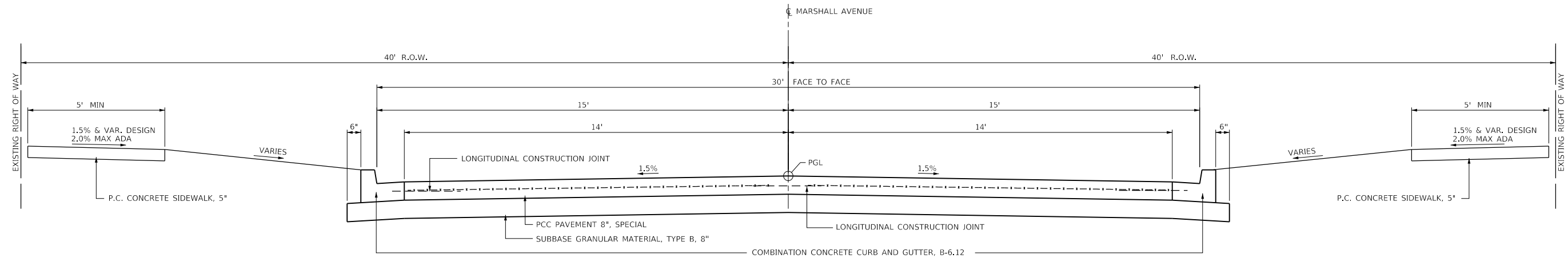
**SUMMARY OF QUANTITIES**

TOTAL SHEETS	SHEET NO.
60	4

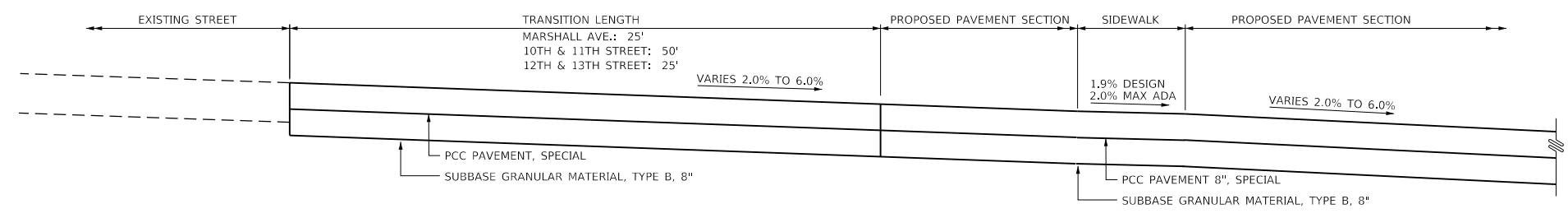
SCALE: PROJECT: 3115113-02



**EXISTING TYPICAL SECTION - MARSHALL AVENUE**  
 STA. 19+82.00 TO STA. 37+96.00



**PROPOSED TYPICAL SECTION - MARSHALL AVENUE**  
 STA. 20+07.00 TO STA. 37+96.00



**PROPOSED TYPICAL PERMANENT AND TEMPORARY TRANSITION SECTION**  
**MARSHALL AVE., 10TH, 11TH, 12TH, AND 13TH STREETS**  
 MARSHALL AVE.: STA. 19+82.00 TO STA. 20+07.00

Contract # 95829

FILE NAME = P:\Civi\1\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-typcal.dgn	USER NAME = Sto34	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>TYPICAL SECTIONS</b>	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2,0000' / in.	CHECKED - MED	REVISED -				60	5
	PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -					
					SCALE: 2,0000' / in.	PROJECT: 3115113-02		

REMOVAL SCHEDULE					
STATION	OFFSET	LT / RT	60500040	60500060	
			REMOVING MANHOLES	REMOVING INLETS	
			EACH	EACH	
MARSHALL AVE					
22+97	16.5'	RT		1	
23+35	21.9'	LT		1	
25+27	16.6'	LT		1	
25+72	16.4'	RT		1	
26+41	16.6'	LT		1	
26+41	2.9'	RT	1		
26+41	16.7'	RT		1	
26+41	23.4'	RT	1		
26+80	276.7'	RT	1		
26+82	22.0'	LT		1	
27+20	16.4'	LT		1	
28+01	15.6'	RT		1	
31+00	18.0'	LT		1	
31+00	18.0'	RT		1	
34+85	16.3'	LT		1	
<b>TOTALS</b>			<b>3</b>	<b>12</b>	

SIDEWALK REMOVAL SCHEDULE									
STATION	TO	STATION	OFFSET	44000600	STATION	TO	STATION	OFFSET	44000600
				SIDEWALK REMOVAL					SIDEWALK REMOVAL
				SQ FT					SQ FT
14TH ST TO 13TH ST					14TH ST TO 13TH ST				
20+82.05		20+90.40	LT	35.0	20+24.74		20+30.78	RT	36.3
20+98.48		21+05.57	LT	29.2	20+41.29		20+46.74	RT	32.3
21+65.06		21+70.26	LT	26.3	21+06.70		21+18.73	RT	71.4
21+81.73		21+87.06	LT	31.0	21+28.64		21+33.70	RT	30.1
22+77.17		23+03.67	LT	153.6	22+83.85		23+03.76	RT	123.1
13TH ST TO 12TH ST					13TH ST TO 12TH ST				
23+33.89		23+56.31	LT	383.2	23+34.15		23+73.72	RT	306.0
24+03.65		24+11.70	LT	31.1	23+83.11		23+88.96	RT	42.8
24+17.60		24+25.65	LT	30.9	24+05.22		24+11.10	RT	34.3
24+56.00		24+60.62	LT	18.5	24+21.34		24+27.22	RT	34.8
24+74.08		24+79.08	LT	30.1	24+42.06		24+49.42	RT	43.8
25+42.53		25+48.48	LT	19.0	24+54.05		24+59.05	RT	29.4
25+71.39		25+75.90	LT	27.3	24+71.83		24+76.05	RT	24.9
26+59.13		26+83.57	LT	235.4	25+49.89		25+55.42	RT	33.7
					25+66.36		25+71.89	RT	32.5
					26+14.83		27+05.56	RT	598.0
					27+23.18		27+68.83	RT	339.7
12TH ST TO 11TH ST					12TH ST TO 11TH ST				
27+13.44		27+39.88	LT	246.3	27+95.78		28+52.26	RT	275.7
27+83.06		27+88.06	LT	19.0	28+61.87		29+03.11	RT	201.0
27+95.28		28+05.06	LT	38.0	29+17.13		29+22.12	RT	23.6
28+68.32		28+73.85	LT	21.5	29+86.78		29+92.45	RT	27.9
28+85.36		28+90.81	LT	21.6	30+15.10		30+20.78	RT	28.3
29+21.31		29+29.33	LT	32.1					
29+38.05		29+43.31	LT	20.6					
29+68.16		29+75.13	LT	27.4					
29+83.19		29+90.16	LT	27.8					
30+36.18		30+65.68	LT	112.9					
11TH ST TO 10TH ST					11TH ST TO 10TH ST				
30+95.55		31+13.48	LT	69.6	30+93.52		31+31.50	RT	184.3
31+63.29		31+68.29	LT	19.3	31+42.86		31+48.20	RT	26.7
31+77.65		31+85.29	LT	29.9	31+61.32		32+55.91	RT	462.1
32+15.22		32+19.72	LT	17.8	32+72.31		33+22.82	RT	251.2
32+28.82		32+37.22	LT	33.3	33+34.79		33+71.11	RT	175.6
33+14.49		33+21.95	LT	28.8	33+78.16		33+96.32	RT	89.2
33+29.04		33+37.40	LT	32.3	34+24.62		34+77.13	RT	248.4
34+06.46		34+46.31	LT	235.3	34+83.85		35+17.77	RT	156.6
10TH ST TO 9TH ST					10TH ST TO 9TH ST				
34+74.76		35+58.59	LT	528.7	35+40.41		35+45.64	RT	25.8
35+65.48		35+71.95	LT	25.6	35+72.95		35+77.95	RT	25.2
35+96.65		36+01.83	LT	20.1	35+86.37		36+26.88	RT	201.9
36+09.85		36+18.65	LT	34.1	36+35.97		36+79.17	RT	254.8
36+50.10		36+57.04	LT	26.8	36+86.42		37+32.09	RT	228.5
36+65.62		36+72.10	LT	25.1	37+42.93		38+11.51	RT	333.4
36+97.31		37+03.25	LT	23.6					
37+12.27		37+19.31	LT	27.8					
<b>SUB-TOTALS</b>				<b>2,796</b>	<b>TOTALS</b>				<b>7,829</b>

CURB AND GUTTER REMOVAL SCHEDULE											
STATION	OFFSET	TO	STATION	OFFSET	44000500	STATION	OFFSET	TO	STATION	OFFSET	
					COMBINATION CURB AND GUTTER REMOVAL						COMBINATION CURB AND GUTTER REMOVAL
					FOOT						FOOT
MARSHALL AVE					MARSHALL AVE						
19+82.00	15.08' LT		20+86.86	15.10' LT	104.9	19+82.00	15.22' RT		20+28.35	15.15' RT	46.4
21+03.25	15.18' LT		21+67.62	15.07' LT	64.4	20+43.57	15.06' RT		21+15.27	15.16' RT	71.7
21+84.37	14.99' LT		23+03.71	70.09' LT	173.3	21+33.26	15.16' RT		23+03.62	69.91' RT	223.1
23+33.93	69.91' LT		24+08.00	14.97' LT	127.8	23+34.15	70.09' RT		24+06.54	15.29' RT	124.8
24+20.68	15.00' LT		25+42.86	15.11' LT	122.2	24+26.96	15.23' RT		24+55.96	15.26' RT	29.0
25+77.55	15.49' LT		26+83.60	69.92' LT	159.4	24+72.62	15.32' RT		25+51.63	15.09' RT	79.0
27+13.57	70.08' LT		27+85.19	15.09' LT	125.9	25+69.53	15.36' RT		26+97.75	15.39' RT	128.2
27+98.04	15.06' LT		28+73.36	15.03' LT	75.3	27+29.69	15.28' RT		27+65.60	34.27' RT	45.8
28+88.12	15.06' LT		29+25.47	15.15' LT	37.4	28+05.82	19.59' RT		28+49.00	15.19' RT	44.9
29+41.54	14.96' LT		29+68.44	14.90' LT	26.9	28+66.28	15.17' RT		28+99.33	15.05' RT	33.1
29+87.56	14.97' LT		30+63.92	20.43' LT	80.7	29+21.55	15.15' RT		29+80.48	15.23' RT	58.9
30+94.56	20.52' LT		32+16.65	14.83' LT	123.6	30+27.58	15.15' RT		31+27.90	15.23' RT	100.3
32+32.40	14.85' LT		33+17.62	14.83' LT	85.2	31+62.69	15.20' RT		32+51.16	15.24' RT	88.5
33+33.07	14.97' LT		34+46.89	20.43' LT	117.0	32+71.97	15.22' RT		33+20.46	15.11' RT	48.5
34+77.22	19.99' LT		34+54.58	14.96' LT	80.7	33+42.79	15.19' RT		33+66.82	15.28' RT	24.0
35+69.25	14.91' LT		35+98.86	14.89' LT	29.6	34+34.43	15.31' RT		34+73.82	15.46' RT	39.4
36+15.06	14.82' LT		36+56.48	14.93' LT	41.4	34+87.50	15.45' RT		35+13.22	15.31' RT	25.8
36+68.36	15.04' LT		37+01.13	15.12' LT	32.8	35+45.82	15.32' RT		35+75.08	15.35' RT	29.3
37+13.07	15.10' LT		37+96.00	15.46' LT	82.9	35+91.52	15.29' RT		36+26.67	15.38' RT	35.2
						36+41.06	15.34' RT		36+76.74	15.27' RT	35.7
						36+88.41	15.34' RT		37+29.71	15.17' RT	41.3
						37+46.03	15.34' RT		37+96.00	15.48' RT	50.0
<b>SUB-TOTALS</b>					<b>1,691</b>	<b>TOTALS</b>					<b>3,094</b>

STORM SEWER REMOVAL SCHEDULE						
STATION	OFFSET	TO	STATION	OFFSET	PIPE DIAMETER (INCH)	X5510100
						STORM SEWER REMOVAL
						FOOT
MARSHALL AVE						
22+97.19	16.39' LT		22+97.28	16.53' RT	8	32.9
25+03.42	16.96' LT		25+72.70	57.45' RT	18	108.3
25+15.43	17.50' LT		25+82.93	51.10' RT	18	96.3
25+60.34	28.15' RT		25+72.36	15.80' RT	12	16.7
25+82.95	51.04' RT		26+49.98	18.00' LT	12	96.3
25+82.95	51.04' RT		26+41.02	2.97' RT	15	75.4
26+40.53	16.59' LT		26+40.53	2.67' RT	6	19.5
26+41.54	16.59' LT		26+41.54	2.97' RT	8	19.5
26+40.53	2.97' RT		26+40.53	16.70' RT	8	13.5
26+41.54	2.97' RT		26+41.54	16.70' RT	12	20.3
26+40.93	2.97' RT		26+59.01	2.97' RT	12	18.2
26+68.42	37.00' LT		26+81.65	21.87' LT	8	20.1
27+20.02	16.34' LT		27+20.02	2.97' RT	6	18.6
27+92.30	9.62' RT		28+01.51	15.58' RT	8	23.4
30+99.19	18.25' LT		31+00.32	0.00' RT	12	18.4
31+00.02	16.72' RT		31+00.03	0.00' RT	12	16.5
34+85.06	16.17' LT		34+84.49	0.61' LT	8	15.6
26+79.84	276.69' RT		27+37.07	260.71' RT	12	59
<b>TOTALS</b>						<b>689</b>

DRIVEWAY PAVEMENT REMOVAL SCHEDULE					
STATION	LT/RT	44000200	STATION	LT/RT	44000200
		DRIVEWAY PAVEMENT REMOVAL			DRIVEWAY PAVEMENT REMOVAL
		SQ YD			SQ YD
MARSHALL AVE					
20+93.05	LT	23.6	20+35.74	RT	29.8
21+76.06	LT	32.7	21+22.70	RT	28.2
24+14.65	LT	11.1	24+16.22	RT	30.4
24+67.33	LT	8.9	24+65.05	RT	36.3
25+59.53	LT	67.3	25+60.89	RT	32.1
27+94.06	LT	27.0	27+14.57	RT	51.3
28+79.81	LT	31.2	28+56.86	RT	28.4
29+32.31	LT	4.6	29+10.12	RT	40.5
29+79.16	LT	24.6	30+03.78	RT	74.7
31+74.29	LT	4.1	31+31.37	RT	31.2
32+26.22	LT	25.6	31+54.77	RT	37.5
33+25.49	LT	21.7	32+64.11	RT	46.9
35+60.95	LT	14.5	33+29.04	RT	15.1
36+07.70	LT	21.6	33+74.65	RT	21.8
36+61.10	LT	4.1	34+10.41	RT	87.8
37+08.31	LT	22.3	34		

CURB AND GUTTER SCHEDULE					
STATION	OFFSET	TO	STATION	OFFSET	60603800
					CONCRETE CURB AND GUTTER, TYPE B-6.12
					FOOT
MARSHALL AVE					
19+82.00	14.00' LT		23+06.20	70.07' LT	365.5
23+31.40	69.93' LT		26+85.23	69.93' LT	437.1
27+11.98	70.08' LT		30+65.33	44.92' LT	413.2
30+93.33	45.08' LT		34+47.19	44.92' LT	389.3
34+75.19	45.08' LT		37+96.00	13.84' LT	338.6
19+82.00	14.00' RT		23+05.03	69.92' RT	365.5
23+32.73	70.08' RT		27+66.16	45.08' RT	493.8
27+94.16	44.92' RT		37+96.00	13.93' RT	1019.5
<b>TOTALS</b>					<b>3,823</b>

STRIPING SCHEDULE						
STATION	OFFSET	TO	STATION	OFFSET	78000200	78000650
					THERMOPLASTIC PAVEMENT MARKING LINE 4"	THERMOPLASTIC PAVEMENT MARKING LINE 24"
					FOOT	FOOT
MARSHALL AVE						
19+82.00	0.00' LT		37+96.00	0.00' LT	454	
13TH STREET						
23+04.47	41.35' LT		23+18.70	41.38' LT		14
23+18.92	42.56' RT		23+33.03	42.52' RT		14
12TH STREET						
26+88.44	42.50' LT		26+98.53	42.50' LT		14
27+80.16	42.50' RT		27+94.26	42.50' RT		14
11TH STREET						
30+65.22	42.50' LT		30+79.32	42.50' LT		14
10TH STREET						
34+47.09	42.50' LT		34+61.19	42.50' LT		14
<b>TOTALS</b>					<b>454</b>	<b>84</b>

PAVEMENT SCHEDULE								
STATION TO STATION	LT / RT	31101000	42000060	X4200408	XXXXXXX			
		SUBBASE GRANULAR MATERIAL, TYPE B	WELDED WIRE REINFORCEMENT	PC CONCRETE PAVEMENT, 8" SPECIAL	PC CONCRETE PAVEMENT, 8" SPECIAL (NON-REINFORCED)			
		TON	SQ YD	SQ YD	SQ YD			
MARSHALL AVE								
19+82.00	20+07.00		35.4			79.5		
20+07.00	37+96.00		2535.5	5565.8	5565.8			
13TH STREET	NORTH	LT	98.5	142.3	142.3	73.9		
13TH STREET	SOUTH	RT	100.1	142.3	142.3	77.3		
12TH STREET	NORTH	LT	99.5	142.3	142.3	76.0		
12TH STREET	SOUTH	RT	96.4	142.3	142.3	69.3		
11TH STREET	NORTH	LT	125.0	142.3	142.3	132.1		
10TH STREET	NORTH	LT	125.2	142.3	142.3	133.4		
CURB AND GUTTER						403.1		
<b>TOTALS</b>					<b>3,620</b>	<b>6,420</b>	<b>6,420</b>	<b>642</b>

DRIVEWAY SCHEDULE					
STATION	LT/RT	42300300	STATION	LT/RT	42300300
		PCC DRIVEWAY PAVEMENT, 7"			PCC DRIVEWAY PAVEMENT, 7"
		SQ YD			SQ YD
MARSHALL AVE					
20+93.05	LT	42.7	20+35.74	RT	42.6
21+76.06	LT	42.2	21+22.70	RT	42.3
24+14.65	LT	42.1	24+16.22	RT	42.7
24+67.33	LT	46.3	24+65.05	RT	42.8
25+59.53	LT	73.9	25+60.89	RT	42.9
27+94.06	LT	41.6	28+56.86	RT	43.0
28+79.81	LT	41.7	29+10.12	RT	48.3
29+32.31	LT	41.7	30+03.78	RT	74.9
29+79.16	LT	41.6	31+31.37	RT	40.6
31+74.29	LT	41.3	31+54.77	RT	40.6
32+26.22	LT	41.3	32+64.11	RT	53.8
33+25.49	LT	41.2	33+29.04	RT	43.2
35+60.95	LT	41.0	33+74.65	RT	43.1
36+07.70	LT	41.1	34+10.41	RT	86.2
36+61.10	LT	41.1	35+29.14	RT	73.2
37+08.31	LT	41.3	35+83.95	RT	43.3
			36+32.88	RT	43.3
			36+83.61	RT	43.3
			37+37.19	RT	43.3
<b>SUB-TOTALS</b>					<b>702</b>
<b>TOTALS</b>					<b>1,636</b>

DETECTABLE WARNING SCHEDULE		
LOCATION	42400800	
	DETECTABLE WARNINGS	
	SQ FT	
13TH STREET		
NW QUADRANT		12
NE QUADRANT		10
NE QUADRANT		12
SW QUADRANT		12
SE QUADRANT		24
12TH STREET (NORTH OF MARSHALL)		
NW QUADRANT		20
NE QUADRANT		20
SW QUADRANT		12
SE QUADRANT		10
12TH STREET (SOUTH OF MARSHALL)		
SW QUADRANT		12
SE QUADRANT		10
11TH STREET		
NW QUADRANT		10
NE QUADRANT		10
10TH STREET		
NW QUADRANT		20
NE QUADRANT		12
<b>TOTALS</b>		<b>206</b>

SIDEWALK SCHEDULE									
STATION	TO	STATION	OFFSET	42400200	STATION	TO	STATION	OFFSET	42400200
				PC CONCRETE SIDEWALK, 5"					PC CONCRETE SIDEWALK, 5"
				SQ FT					SQ FT
14TH ST TO 13TH ST					14TH ST TO 13TH ST				
20+82.05		20+87.05	LT	21.1	20+24.74		20+29.74	RT	29.9
20+99.05		21+05.57	LT	26.6	20+41.74		20+46.74	RT	29.8
21+65.06		21+70.06	LT	20.2	21+06.70		21+16.70	RT	59.6
21+82.06		21+87.06	LT	29.2	21+28.70		21+33.70	RT	30.1
22+77.17		23+02.54	LT	150.1	22+83.85		23+02.90	RT	123.3
13TH ST TO 12TH ST					13TH ST TO 12TH ST				
23+34.77		23+62.33	LT	457.7	23+34.97		23+80.93	RT	380.7
24+03.65		24+08.65	LT	19.4	24+05.22		24+10.22	RT	29.0
24+20.65		24+25.65	LT	19.2	24+22.22		24+27.22	RT	29.6
24+56.00		24+60.58	LT	18.4	24+54.05		24+59.05	RT	29.6
24+74.08		24+79.08	LT	30.2	24+71.05		24+76.05	RT	29.6
25+42.53		25+47.53	LT	17.4	25+49.89		25+54.89	RT	30.6
25+71.53		25+75.90	LT	26.4	25+66.89		27+64.18	RT	1405.2
26+59.13		26+82.41	LT	237.1					
12TH ST TO 11TH ST					12TH ST TO 11TH ST				
27+14.73		27+39.88	LT	254.4	27+96.16		28+50.86	RT	282.3
27+83.06		27+88.06	LT	18.8	28+62.86		29+03.12	RT	201.3
28+00.06		28+05.06	LT	19.4	29+17.12		29+22.12	RT	25.0
28+68.32		28+73.81	LT	21.5	29+86.78		29+91.78	RT	24.7
28+85.81		28+90.81	LT	19.7	30+15.78		30+20.78	RT	24.9
29+21.31		29+26.31	LT	20.0					
29+38.31		29+43.31	LT	19.6					
29+68.16		29+73.16	LT	19.9					
29+85.16		29+90.16	LT	19.6					
30+36.18		30+63.22	LT	143.2					
11TH ST TO 10TH ST					11TH ST TO 10TH ST				
30+95.45		31+13.48	LT	98.2	30+93.52		31+31.14	RT	188.1
31+63.29		31+68.29	LT	19.3	31+43.14		31+48.77	RT	28.1
31+80.29		31+85.29	LT	19.4	31+60.77		32+56.11	RT	476.7
32+15.22		32+20.22	LT	19.8	32+72.11		33+23.04	RT	254.6
32+32.22		32+37.22	LT	19.7	33+35.04		33+68.65	RT	168.1
33+14.49		33+19.49	LT	19.4	33+80.65		33+96.41	RT	78.8
33+31.49		33+37.40	LT	22.8	34+24.41		35+17.64	RT	466.2
34+06.46		34+44.94	LT	335.4					
10TH ST TO 9TH ST					10TH ST TO 9TH ST				
34+77.58		35+54.95	LT	506.6	35+40.64		35+45.64	RT	25.0
35+66.95		35+71.95	LT	19.8	35+72.95		35+77.95	RT	25.0
35+96.65		36+01.65	LT	19.1	35+89.95		36+26.88	RT	184.7
36+13.65		36+18.65	LT	19.2	36+38.88		36+77.61	RT	193.7
36+50.10		36+55.10	LT	19.1	36+89.61		37+31.19	RT	207.9
36+67.10		36+72.10	LT	19.2	37+43.19		38+11.51	RT	341.6
36+97.31		37+02.31	LT	19.9					
37+14.31		37+19.31	LT	19.9					
<b>SUB-TOTALS</b>				<b>2,846</b>	<b>TOTALS</b>				<b>8,250</b>

Contract # 95829

SEE SHEET 15 FOR STORM SEWER STRUCTURE TABLE, STORM SEWER SCHEDULE, AND MANHOLES TO BE ADJUSTED.

FILE NAME =	USER NAME = S1034	DESIGNED - ALB	REVISED -
P:\Civil\Mattoon\Marshall Ave Phase II\CAD_Sheets\Marshall-PH2-sh1-schedule.dgn		DRAWN - SAE	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - MED	REVISED -
	PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02

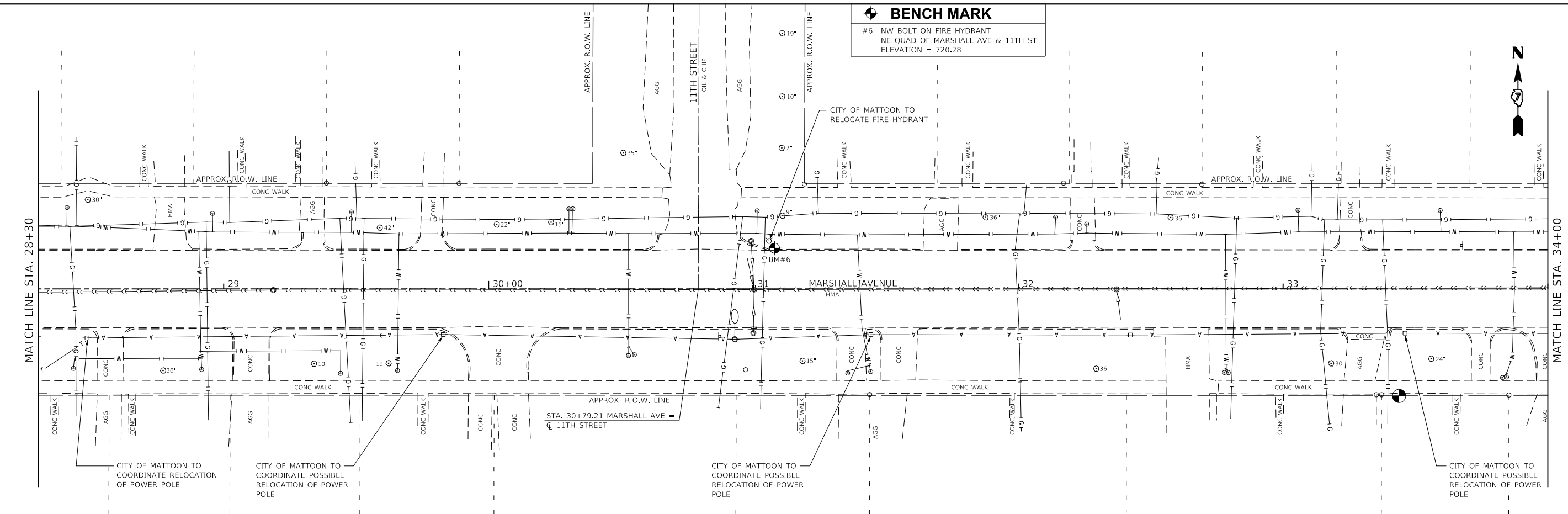
**SCHEDULE OF QUANTITIES**

TOTAL SHEETS	SHEET NO.
60	7

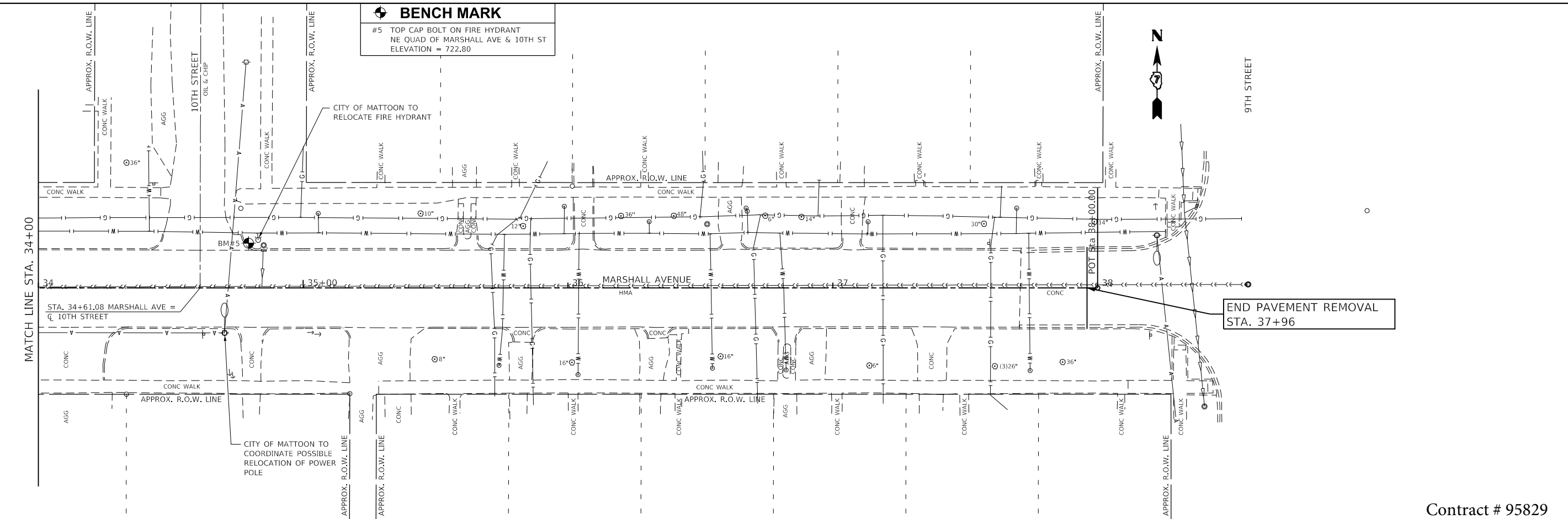




**BENCH MARK**  
 #6 NW BOLT ON FIRE HYDRANT  
 NE QUAD OF MARSHALL AVE & 11TH ST  
 ELEVATION = 720.28

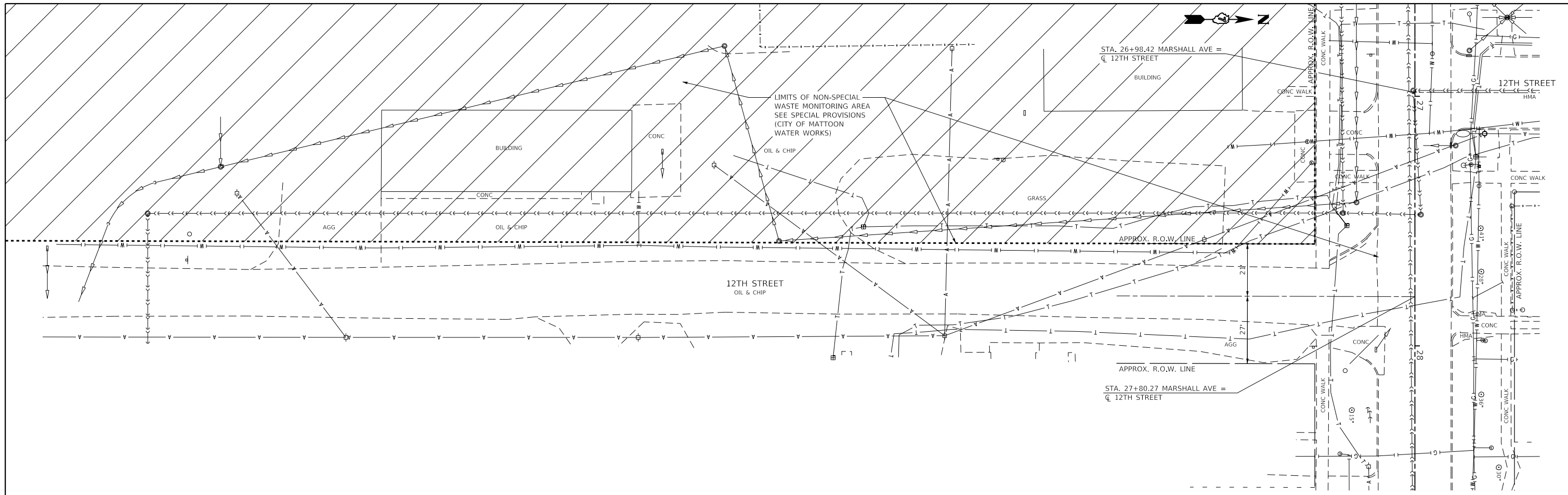


**BENCH MARK**  
 #5 TOP CAP BOLT ON FIRE HYDRANT  
 NE QUAD OF MARSHALL AVE & 10TH ST  
 ELEVATION = 722.80



Contract # 95829

FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-Ph2-sht-existing2.dgn	USER NAME = Sto34	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>EXISTING PLAN</b> STA. 28 + 30 TO STA. 37 + 96	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - MED	REVISED -				60	9
PLOT DATE = 1/9/2018	DATE = JAN. 9, 2018	DATE = JAN. 9, 2018	REVISED -	SCALE: 40.0000' / in.	PROJECT: 3115113-02			



Contract # 95829

FILE NAME =	USER NAME = S1010	DESIGNED - ALB	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED - MED	REVISED -
	PLOT DATE = 1/23/2018	DATE - JAN. 23, 2018	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

SCALE: 40.0000' / in.

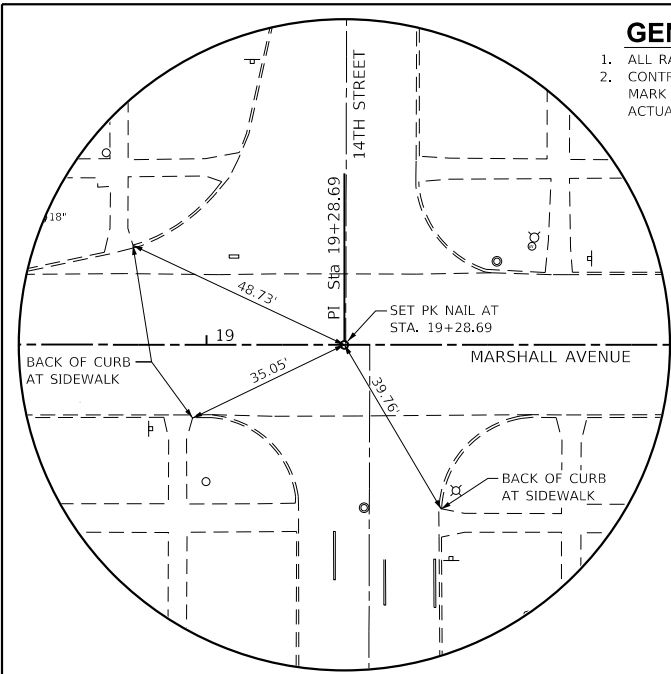
PROJECT: 3115113-02

**EXISTING PLAN**  
**12TH STREET**

TOTAL SHEETS	SHEET NO.
60	10

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.		

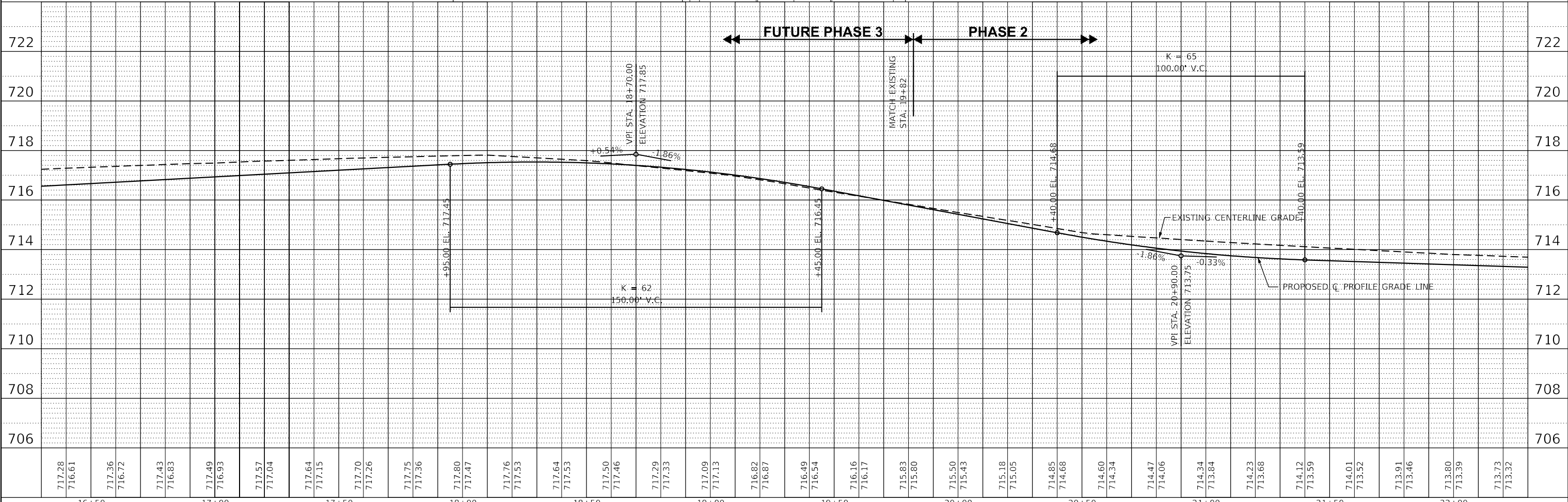
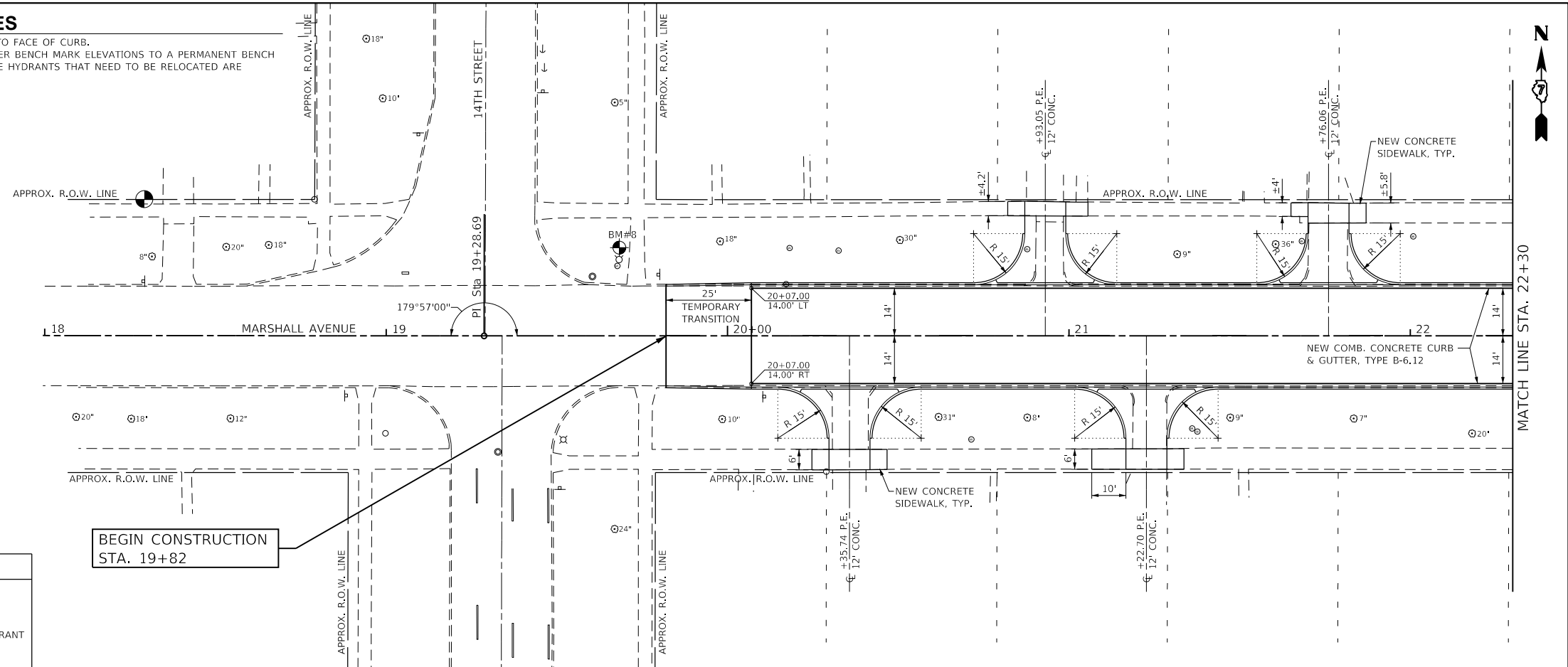


- GENERAL NOTES**
- ALL RADII DIMENSIONS ARE TO FACE OF CURB.
  - CONTRACTOR SHALL TRANSFER BENCH MARK ELEVATIONS TO A PERMANENT BENCH MARK LOCATION BEFORE FIRE HYDRANTS THAT NEED TO BE RELOCATED ARE ACTUALLY RELOCATED.

**BASELINE TIE STA. 19+28.69**

**BENCH MARKS**

#5 TOP CAP BOLT ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 10TH ST ELEVATION = 722.80	#7 BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 12TH ST ELEVATION = 714.00
#6 NW BOLT ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 11TH ST ELEVATION = 720.28	#8 TOP CAP BOLT BETWEEN 'E' & 'L' IN 'MUELLER' ON FIRE HYDRANT NE QUAD OF MARSHALL AVE & 14TH ST ELEVATION = 718.30



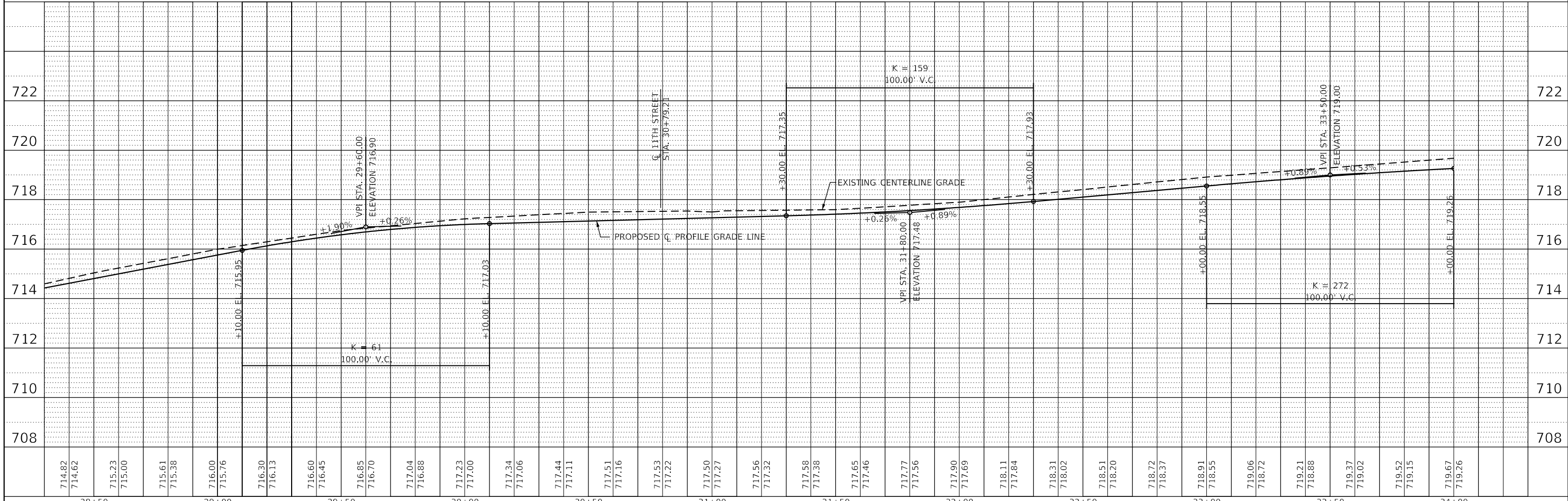
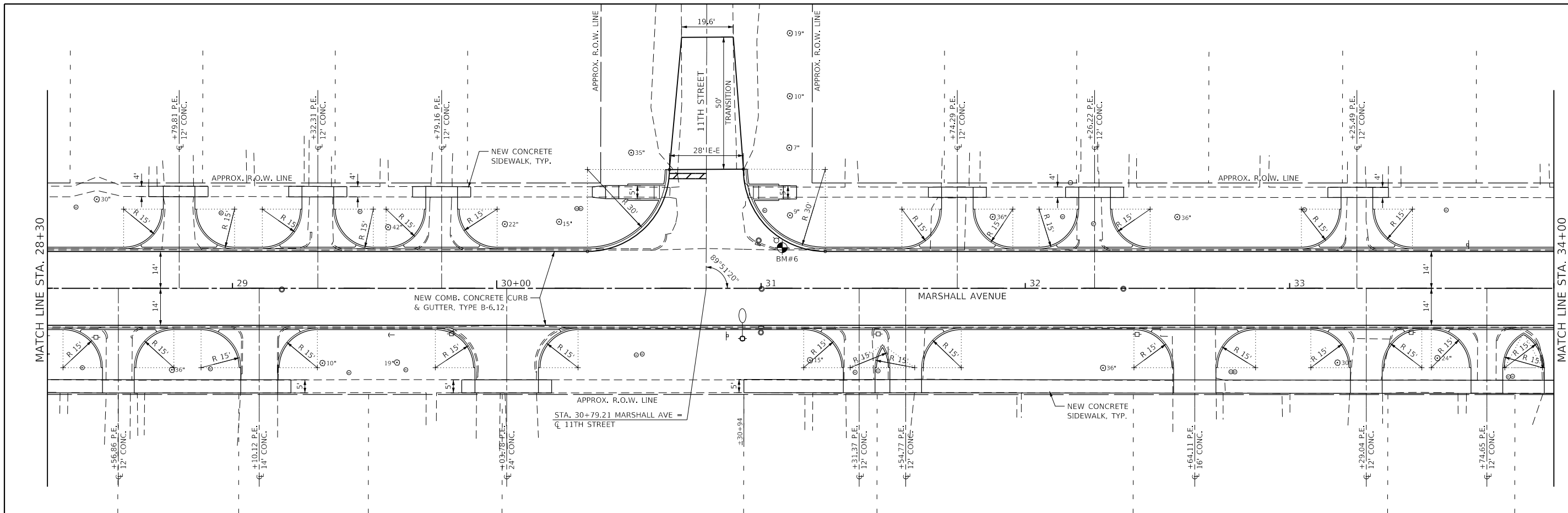
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#MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED - MED	REVISIED -				60	11
PLOT DATE = 1/9/2018	DATE = JAN. 9, 2018	REVISIED -	REVISIED -					





PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		



FILE NAME =	USER NAME = Sst34	DESIGNED - ALB	REVISED -
P:\Civil\Mattoon\Marshall Ave Phase II\CAD_Sheets\Marshall-PH2-sht-plnprf3.dgn		DRAWN - SAE	REVISED -
MODELNAME =		CHECKED - MED	REVISED -
		DATE - JAN, 9, 2018	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 40,000' / 1" PROJECT: 3115113-02

**PLAN AND PROFILE**  
 STA. 28 + 30 TO STA. 34 + 00  
 Contract # 95829

TOTAL SHEETS	SHEET NO.
60	13





STORM SEWER STRUCTURE TABLE			
(NO)	TYPE	TOP ELEV.	INVERTS
1	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 19+87, 7.0' RT	715.56	710.20 E
2	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 20+60, 7.0' RT	714.21	711.19 N 709.88 E 711.26 S 709.88 W
3	INLET, SPECIAL, W/ TY. 3 F&G STA. 20+60, 15.0' LT	714.10	711.30 S
4	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 20+60, 15.0' RT	714.10	711.30 N
5	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 21+50, 7.0' RT	713.45	710.43 N 709.48 E 710.50 S 709.48 W
6	INLET, SPECIAL, W/ TY. 3 F&G STA. 21+50, 15.0' LT	713.34	710.54 S
7	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 21+50, 15.0' RT	713.34	710.54 N
8	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 22+83.72, 7.0' RT	713.01	710.01 NW 708.89 E 709.19 SE 708.89 W
9	INLET, SPECIAL, W/ TY. 3 F&G STA. 22+70, 15.0' LT	712.94	710.14 SE
10	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 22+92.95, 21.80' RT	712.56	709.28 NW 709.28 E
11	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 23+44.91, 21.80' RT	712.34	709.54 W
12	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 23+72, 7.0' RT	712.61	709.59 N 708.50 E 709.66 S 708.50 W
13	INLET, SPECIAL, W/ TY. 3 F&G STA. 23+72, 15.0' LT	712.50	709.70 S
14	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 23+72, 15.0' RT	712.50	709.70 N
15	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 24+92, 7.0' RT	711.98	708.96 N 707.98 E 709.03 S 707.98 W
16	INLET, SPECIAL, W/ TY. 3 F&G STA. 24+92, 15.0' LT	711.87	709.07 S
17	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 24+92, 15.0' RT	711.87	709.07 N
18	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 25+15.43, 18.0' LT	712.15	706.65 N 704.55 SE ?? * W
19	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 26+15.64, 45.14' RT	712.25	703.96 NE (EX) 703.96 SW (EX) 704.00 NW (PR)
20	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 26+03.50, 7.0' RT	711.50	708.48 N 707.49 E 708.55 S 707.49 W
21	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 26+03.50, 15.0' LT	711.39	708.59 S 708.60 W
22	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 26+03.50, 15.0' RT	711.39	708.59 N 708.60 W
23	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 26+44.50, 7.0' RT	711.61	708.59 N 707.31 E 708.66 S 707.31 W
24	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 26+44.50, 15.0' LT	711.50	708.70 S
25	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 26+44.50, 15.0' RT	711.50	708.70 N
26	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 26+49.98, 18.0' LT	712.30	707.00 SE 709.00* W 708.14 NE(EX)
27	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 26+58.97, 7.0' RT	711.76	706.78 NW (PR) 706.75 E (EX) 704.75 SE (PR) 000.00 W (EX)(PLUG)

STORM SEWER STRUCTURE TABLE			
(NO)	TYPE	TOP ELEV.	INVERTS
28	MANHOLE, TY. A 6'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 26+70.50, 29.39' RT	712.10	704.46 NW (PR) 702.95 E (EX) 702.95 W (EX)
29	MANHOLE, TY. A 5'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 27+37, 7.0' RT	712.59	708.80 NE 706.90 S 706.90 W
30	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 27+48, 15.0' LT	712.58	709.72 SW
31	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 27+44.25, 7.50' LT	712.62	709.68 NE 708.94 E 708.94 SW
32	MANHOLE, TY. A 6'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 27+37, 26.0' RT	712.50	706.77 N 709.71 NE 706.77 S
33	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 27+44.75, 16.57' RT	712.61	709.81 SW
34	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 28+03.07, 24.70' RT	713.07	710.27 NE
35	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 28+34, 7.50' LT	714.39	711.45 N 709.97 E 709.97 S 709.97 W
36	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 28+34, 15.0' LT	714.29	711.49 S
37	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 28+34, 15.0' RT	714.29	710.08 N 710.11 SW
38	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 29+57, 7.50' LT	716.54	713.60 N 711.32 E 713.53 S 711.32 W
39	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 29+57, 15.0' LT	716.44	713.64 S
40	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 29+57, 15.0' RT	716.44	713.64 N
41	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 30+33, 7.50' LT	716.98	714.03 N 712.16 E 713.96 S 712.16 W
42	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 30+33, 15.0' LT	716.87	714.07 S
43	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 30+33, 15.0' RT	716.87	714.07 N
44	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 31+22.50, 7.50' LT	717.21	714.28 NE 713.14 E 714.17 SW 713.14 W
45	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 31+25, 15.0' LT	717.12	714.32 SW
46	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 31+15, 15.0' RT	717.09	714.29 NE
47	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 31+97, 7.50' LT	717.55	714.61 N 713.66 E 714.54 S 713.66 W
48	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 31+97, 15.0' LT	717.45	714.65 S
49	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 31+97, 15.0' RT	717.45	714.65 N
50	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 32+95, 7.50' LT	718.39	715.45 N 714.34 E 715.38 S 714.34 W
51	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 32+95, 15.0' LT	718.29	715.49 S
52	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 32+95, 15.0' RT	718.29	715.49 N
53	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 34+12, 7.50' LT	719.21	716.27 N 715.15 E 715.15 W
54	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 34+12, 15.0' LT	719.11	716.31 S

STORM SEWER STRUCTURE TABLE			
(NO)	TYPE	TOP ELEV.	INVERTS
55	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 35+09.50, 7.50' LT	719.72	716.79 NE 715.83 E 716.66 SW 715.83 W
56	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 35+12, 15.0' LT	719.63	716.83 SW
57	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 35+02, 15.0' RT	719.58	716.78 NE
58	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 36+26, 7.50' LT	720.34	717.41 NE 716.64 E 717.22 SW 716.64 W
59	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 36+31, 15.0' LT	720.26	717.46 SW
60	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 36+11, 15.0' RT	720.16	717.36 NE
61	MANHOLE, TY. A 4'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 37+11, 7.50' LT	720.78	717.88 NE 717.77 S 717.23 W
62	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 37+33, 15.0' LT	720.80	718.00 SW
63	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 37+11, 15.0' RT	720.68	717.88 N
64	MANHOLE, TY. A 5'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 27+37, 260.71' RT	710.50	705.20 N (PR) - E (EX)(PLUG) 705.20 W (PR)
65	EXISTING MANHOLE, REPLACE W/ TY A 5'Ø W/ F.S.T. W/ TY 1 F&G WITH OPEN GRATE STA. 26+79.84, 276.69' RT	711.22	704.70 E (PR) 704.67 S (EX)
66	INLET, TY. A 2'Ø W/ TY. 1 F&CL STA. 26+27, 17.5' RT	711.70	709.00** W (EX) 707.00 S (PR)
67	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 25+98.5, 15.0' LT	711.40	708.60 E
68	INLET, TY. A 2'Ø W/ TY. 3 F&G STA. 25+98.5, 15.0' RT	711.40	708.60 E
69	MANHOLE, TY. A 5'Ø W/ F.S.T. W/ TY. 1 F&CL STA. 30+98.63, 7.5' LT	717.15	712.88 E 712.88 W

\*\* FIELD VERIFY ELEVATIONS

### GENERAL NOTES

- ALL STORM SEWER PIPE SHALL BE SDR-35 PVC, AWWA C-900 PVC PIPE, OR AWWA C-905 PVC PIPE AS SPECIFIED IN THE SPECIAL PROVISIONS. STORM SEWERS TAGGED WITH AN ASTERISK (\*) SHALL BE WATER MAIN QUALITY PIPE C-905.
  - TOP ELEVATION IN STORM SEWER TABLE IS DEFINED AS FOLLOWS:  
TY. 1 F&CL: AT TOP OF LID  
TY. 3 F&G: AT EDGE OF PAVEMENT
  - STATION AND OFFSET IS DEFINED AS FOLLOWS:  
TY. 1 F&CL: CENTER OF STRUCTURE  
TY. 3 F&G: AT FLOWLINE OF CURB AND GUTTER
4. INLETS AND MANHOLES TO BE PROTECTED USING STANDARD 280001. STRUCTURE NUMBERS PROTECTED MAY BE ADDED SUBSTRUCTED OR CHANGED AROUND DEPENDING ON TIME FRAME OF STAGED CONSTRUCTION OR WHERE DIRECTED BY THE FIELD ENGINEER.

### MANHOLES TO BE ADJUSTED

STATION	OFFSET	LT/RT	EACH
22+97.2	16.4'	LT	1
23+08.8	16.8'	LT	1
26+97.7	0.7'	RT	1
27+47.4	2.5'	LT	1
29+18.8	0.5'	RT	1
31+00.3	0.3'	RT	1
32+37.2	0.2'	RT	1
TOTAL			7

STORM SEWER SCHEDULE		
SEGMENT	DESCRIPTION	TRENCH BACKFILL SPECIAL (CU YD)
SS-1	24" SS X 73 LF @ 0.44%	20.0
SS-2	12" SS X 22 LF @ 0.50%	1.7
SS-3	12" SS X 8 LF @ 0.50%	0.6
SS-4	24" SS X 90 LF @ 0.44%	16.1
SS-5	12" SS X 22 LF @ 0.50%	1.7
SS-6	12" SS X 8 LF @ 0.50%	0.6
SS-7	24" SS X 133 LF @ 0.44%	21.8
SS-8	12" SS X 25 LF @ 0.50%	1.9
SS-9	12" SS X 17 LF @ 0.50%	2.5
SS-10	12" SS X 52 LF @ 0.50%	6.3
SS-11	24" SS X 88 LF @ 0.44%	15.3
SS-12	12" SS X 22 LF @ 0.50%	2.0
SS-13	12" SS X 8 LF @ 0.50%	0.7
SS-14	24" SS X 120 LF @ 0.44%	19.8
SS-15	12" SS X 22 LF @ 0.50%	2.1
SS-16	12" SS X 8 LF @ 0.50%	0.8
SS-17	24" SS X 111 LF @ 0.44%	17.6
SS-18	18" SS X 12 LF @ 0.50%	0.6
SS-19	6" SS X 4 LF @ 0.50%	0.0
SS-20	24" SS X 118 LF @ 0.50%	72.3
SS-21	4" SS X 12 LF @ 0.50%	10.1
SS-22	12" SS X 22 LF @ 0.50%	2.1
SS-23	12" SS X 8 LF @ 0.50%	0.8
SS-24	24" SS X 41 LF @ 0.44%	7.3
SS-25	12" SS X 22 LF @ 0.50%	1.9
SS-26	12" SS X 8 LF @ 0.50%	0.7
SS-27	6" SS X 10 LF @ 0.50%	0.0
SS-28	12" SS X 22 LF @ 1.00%	6.3
SS-29	18" SS X 29 LF @ 1.00%	13.7
SS-30	24" SS X 92 LF @ 0.44%	27.0
SS-31	12" SS X 8 LF @ 0.50%	0.6
SS-32	18" SS X 14 LF @ 1.10%	2.1
SS-33	24" SS X 19 LF @ 0.67%	1.3
SS-34	12" SS X 12 LF @ 0.50%	0.2
SS-35	12" SS X 32 LF @ 0.50%	2.4
SS-36	24" SS X 234 LF @ 0.67%	18.9
SS-37	18" SS X 94 LF @ 1.10%	18.1
SS-38	12" SS X 7 LF @ 0.50%	0.5
SS-39	12" SS X 22 LF @ 0.50%	4.7
SS-40	18" SS X 123 LF @ 1.10%	34.3
SS-41	12" SS X 7 LF @ 0.50%	0.5
SS-42	12" SS X 22 LF @ 0.50%	1.7
SS-43	18" SS X 76 LF @ 1.10%	22.8
SS-44	12" SS X 7 LF @ 0.50%	0.5
SS-45	12" SS X 22 LF @ 0.50%	1.7
SS-46	18" SS X 65 LF @ 1.10%	15.3
SS-47	12" SS X 7 LF @ 0.50%	0.5
SS-48	12" SS X 23 LF @ 0.50%	1.7
SS-49	15" SS X 74 LF @ 0.69%	13.9
SS-50	12" SS X 7 LF @ 0.50%	0.5
SS-51	12" SS X 22 LF @ 0.50%	1.7
SS-52	15" SS X 98 LF @ 0.69%	19.6
SS-53	12" SS X 7 LF @ 0.50%	0.5
SS-54	12" SS X 22 LF @ 0.50%	1.7
SS-55	15" SS X 117 LF @ 0.69%	18.4
SS-56	12" SS X 7 LF @ 0.50%	0.5
SS-57	15" SS X 97 LF @ 0.69%	19.2
SS-58	12" SS X 7 LF @ 0.50%	0.5
SS-59	12" SS X 23 LF @ 0.50%	1.7
SS-60	15" SS X 116 LF @ 0.69%	22.9
SS-61	12" SS X 9 LF @ 0.50%	0.7
SS-62	12" SS X 27 LF @ 0.50%	2.0
SS-63	15" SS X 85 LF @ 0.69%	12.8
SS-64	12" SS X 23 LF @ 0.50%	1.7
SS-65	12" SS X 22 LF @ 0.50%	1.7
SS-66	24" SS X 59 LF @ 0.85%	0.0
SS-67	12" SS X 22 LF @ 2.20%	50.1
SS-68	12" SS X 4 LF @ 0.20%	0.3
SS-69	12" SS X 4 LF @ 0.20%	0.3
SS-70	18" SS X 23 LF @ 1.10%	9.5
TOTAL		583

\* SEE GENERAL NOTE 1.

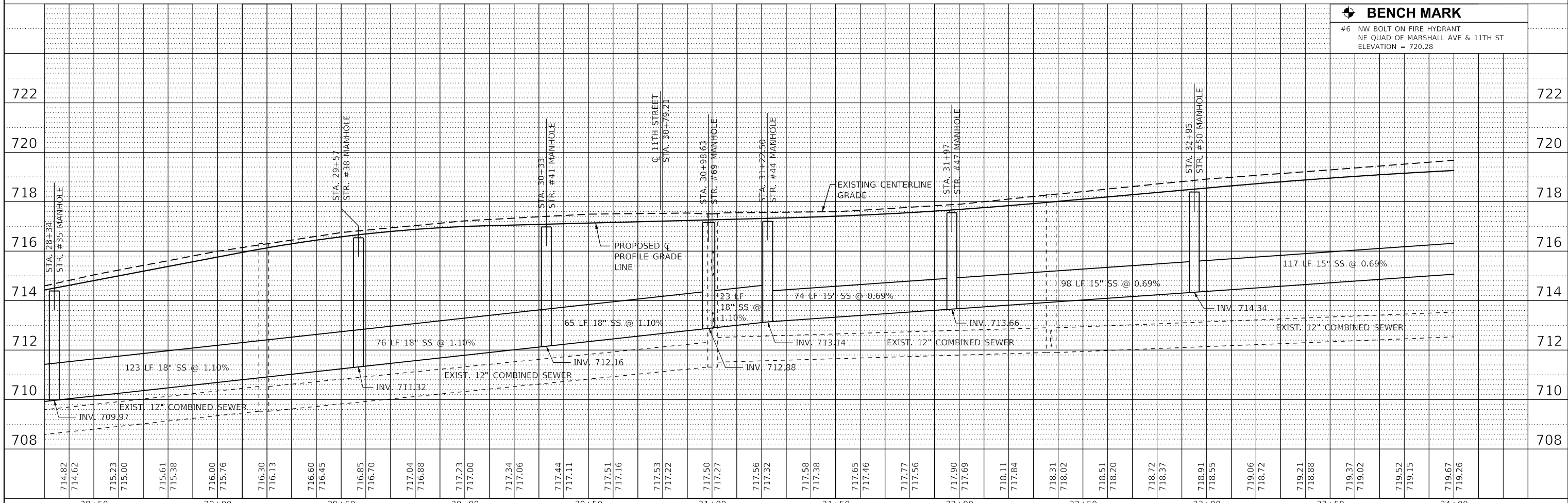
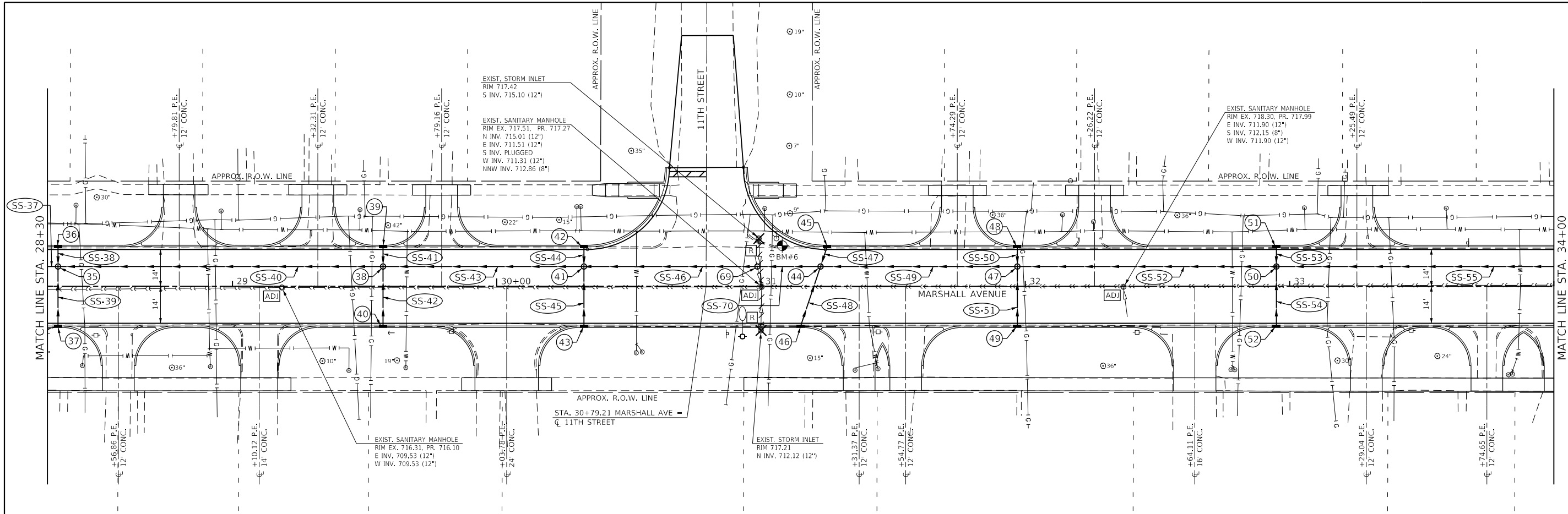






PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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	NOTE BOOK NO.	
	FILE NAME	

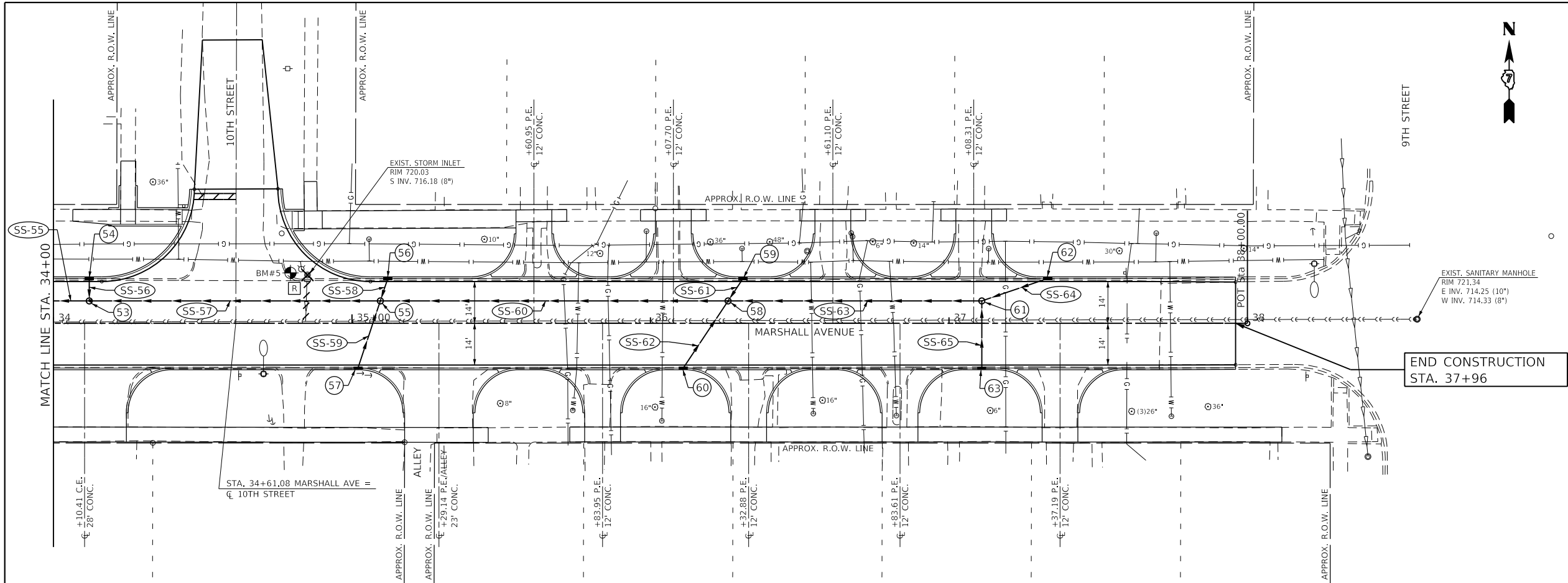


**BENCH MARK**  
 #6 NW BOLT ON FIRE HYDRANT  
 NE QUAD OF MARSHALL AVE & 11TH ST  
 ELEVATION = 720.28

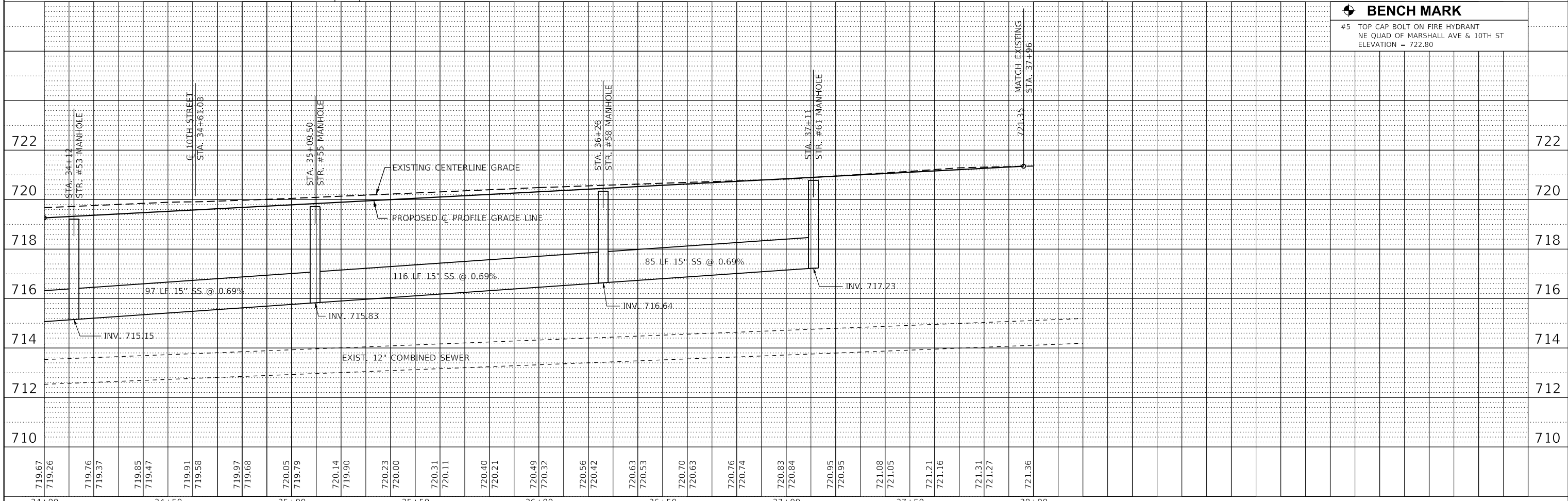
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P:\Civil\Mattoon\Marshall Ave Phase II\CAD_Sheets\Marshall-PH2-sht-drain4.dgn	DRAWN - SAE	REVISED -	60				18	
PLOT SCALE = 40,000' / 1"	CHECKED - MED	REVISED -						
PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -						

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. /		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. /		
	NOTATION		



END CONSTRUCTION  
STA. 37+96

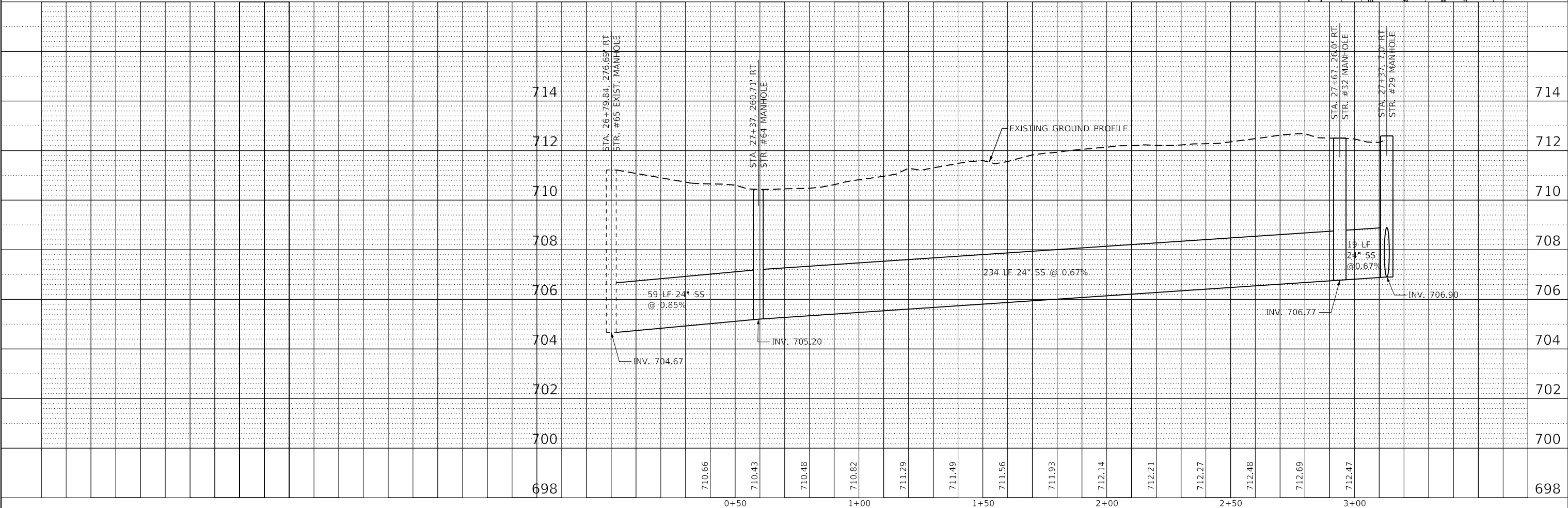
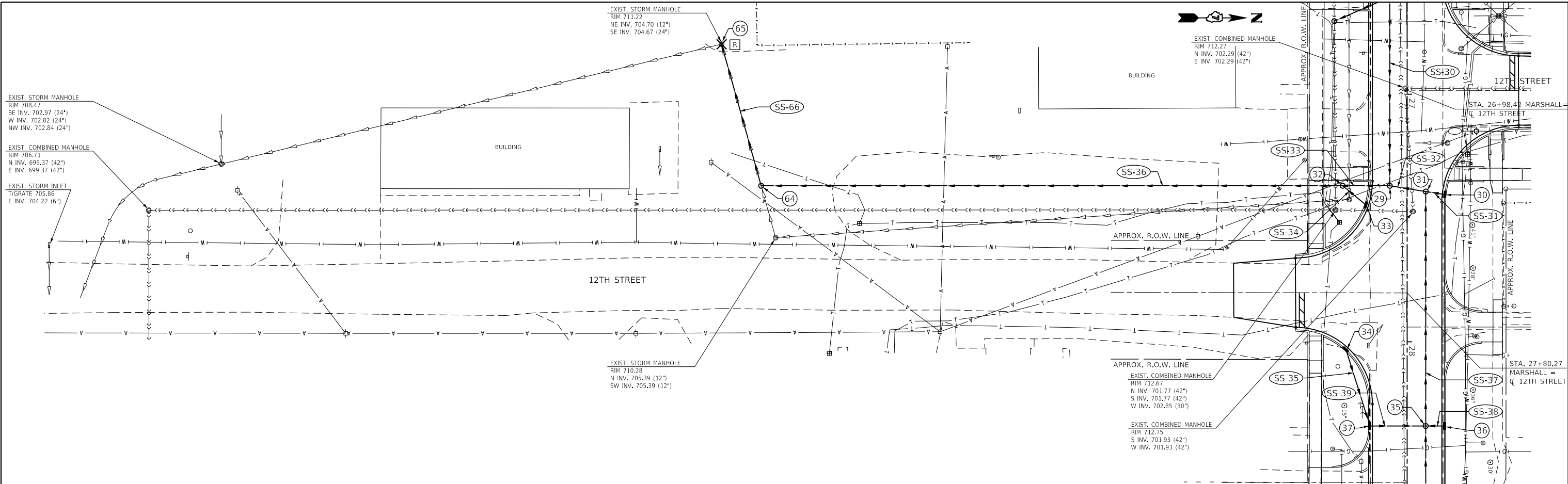


**BENCH MARK**  
#5 TOP CAP BOLT ON FIRE HYDRANT  
NE QUAD OF MARSHALL AVE & 10TH ST  
ELEVATION = 722.80

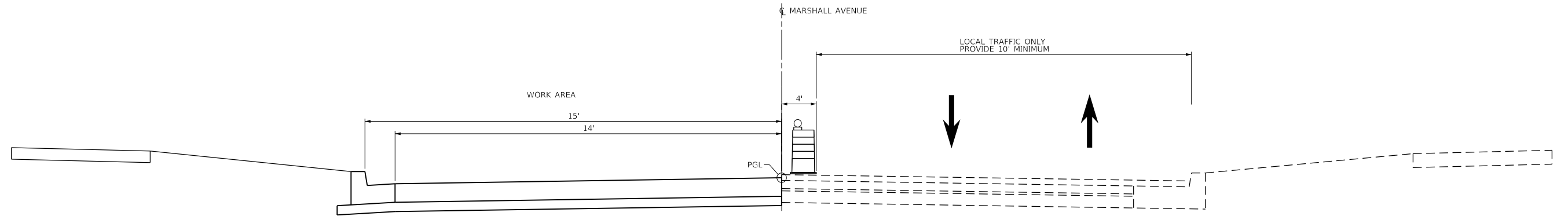
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P:\Civil\Mattoon\Marshall Ave Phase II\CAD	Sheets\Marshall-PH2-sht-drain5.dgn	DRAWN - SAE	REVISED -				60	19
MODELNAME\$	PLOT SCALE = 40,000' / in.	CHECKED - MED	REVISED -					
	PLOT DATE = 1/23/2018	DATE - JAN. 23, 2018	REVISED -					

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
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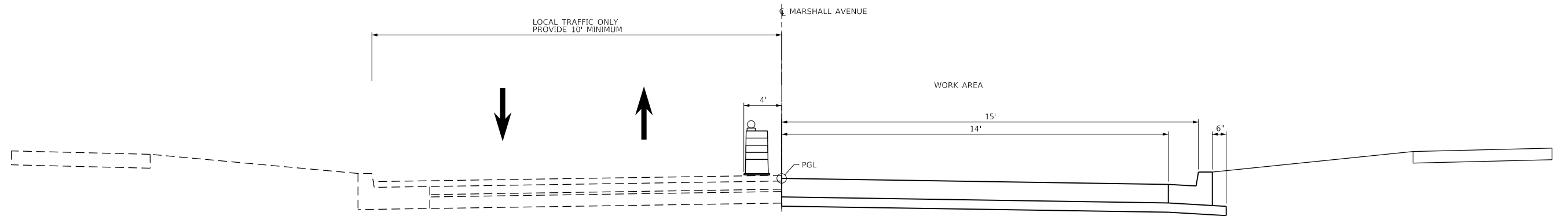
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	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



FILE NAME =	USER NAME = S1034	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938 SCALE: 40,0000' / in.	<b>DRAINAGE PLAN AND PROFILE</b> 12TH STREET Contract # 95829 PROJECT: 3115113-02	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40,0000' / in.	CHECKED - MED	REVISED -						
PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -						



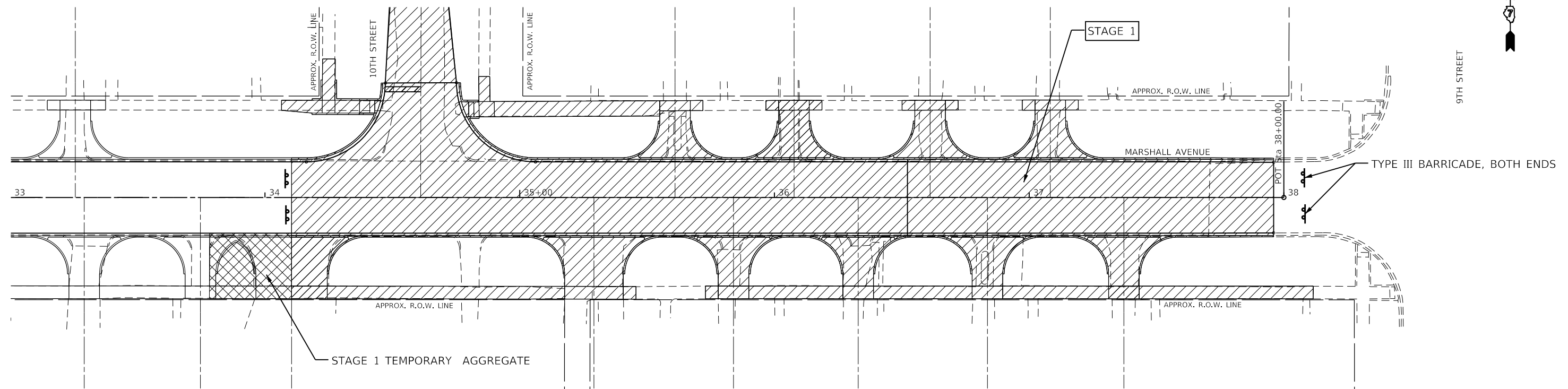
**PROPOSED TYPICAL SECTION - STAGE 2A**  
 STA 27+43.54 TO STA 34+10.41



**PROPOSED TYPICAL SECTION - STAGE 2B**  
 STA 27+23.65 TO STA 34+10.41

Contract # 95829

FILE NAME = P:\Civi\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-mot-typical.dgn	USER NAME = Sto34	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938		<b>MAINTENANCE OF TRAFFIC TYPICAL SECTIONS</b>	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	CHECKED - MED	REVISED -		SCALE: 2.0000' / in.	PROJECT: 3115113-02		60	21
PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -	REVISED -						



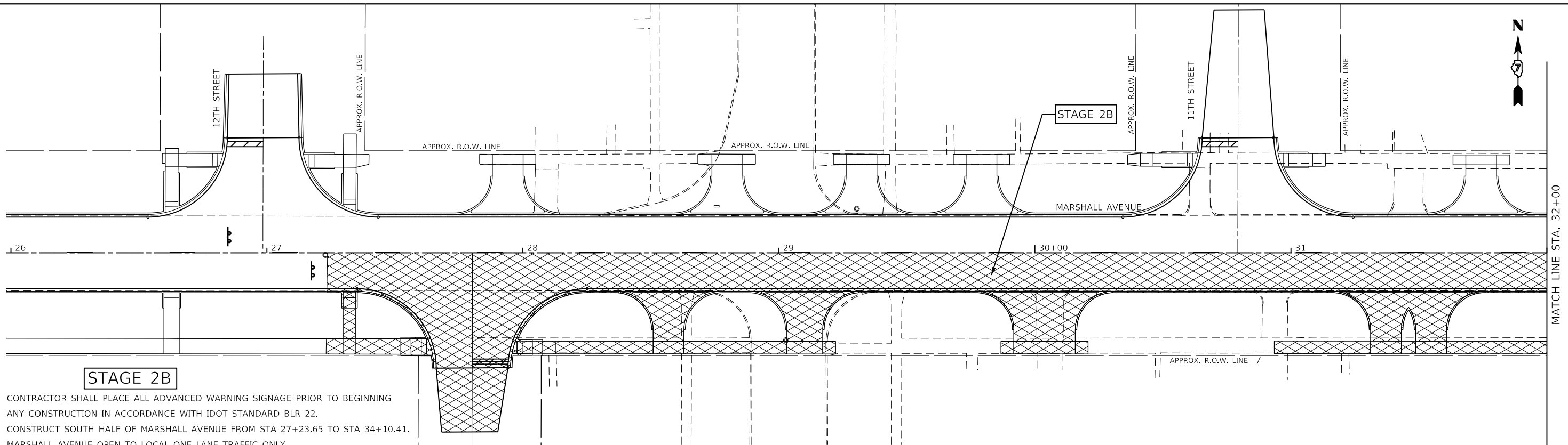
**STAGE 1**

1. CONTRACTOR SHALL PLACE ALL ADVANCED WARNING SIGNAGE PRIOR TO BEGINNING ANY CONSTRUCTION IN ACCORDANCE WITH IDOT STANDARD BLR 21.
2. CONSTRUCT MARSHALL AVENUE FROM STA 34+10.41 TO STA 37+96.
3. MARSHALL AVENUE CLOSED TO TRAFFIC IN ACCORDANCE WITH IDOT STANDARD BLR 21. ACCESS TO RESIDENCES FROM ALLEYS.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY ENTRANCES WHERE REQUIRED DURING CONSTRUCTION.
6. REMOVE EXISTING PAVEMENT OF THE ROADWAY AND CONSTRUCT NEW PAVEMENT, CURB AND GUTTER, ENTRANCES, DRAINAGE, SIDEWALKS, ETC. AS SHOWN ON THE PLANS.
7. COMPLETE ALL WORK BEFORE OPENING TO TRAFFIC AND CONTINUING ON WITH NEXT STAGE, INCLUDING SIDEWALKS, SIDE STREET APPROACHES, AND SEEDING/MULCHING.
8. ACCESS TO MCFARLAND STEEL FROM THE WEST SHALL BE MAINTAINED AT ALL TIMES DURING STAGE 1.

Contract # 95829

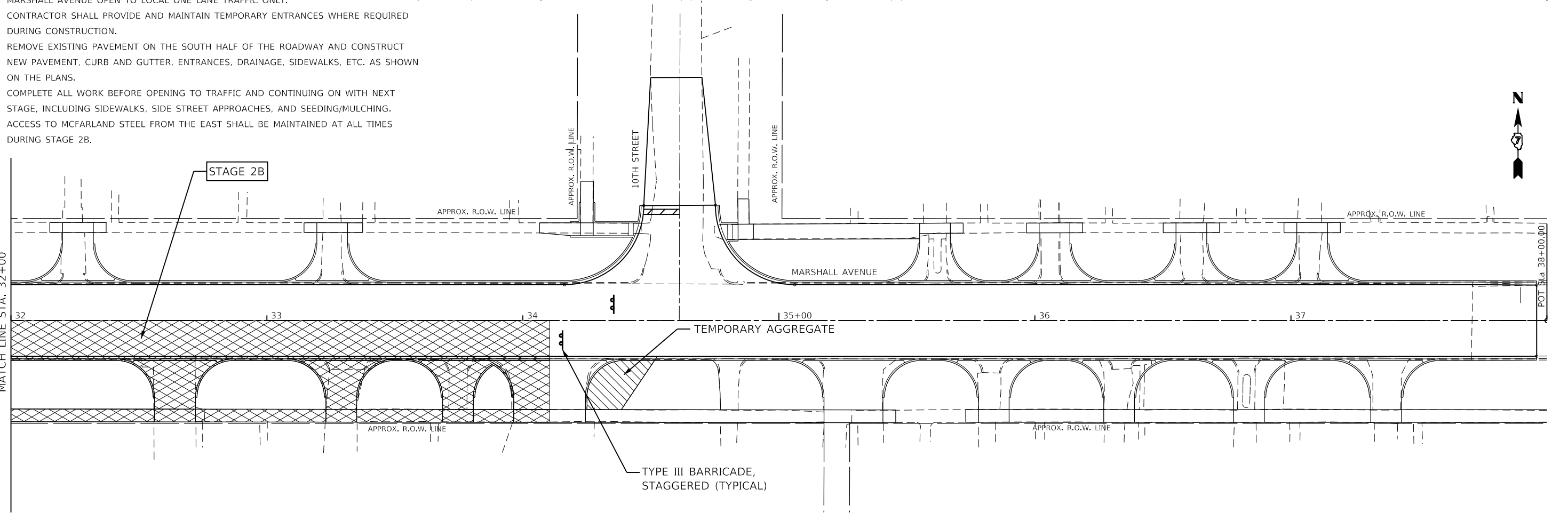
FILE NAME = P:\Civi\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-mot1.dgn	USER NAME = Sto34	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938		<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 1</b>	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / 1in.	CHECKED - MED	REVISED -		SCALE: 40,0000' / 1in.	PROJECT: 3115113-02		60	22
PLOT DATE = 1/9/2018	DATE - JAN, 9, 2018	REVISED -							





**STAGE 2B**

1. CONTRACTOR SHALL PLACE ALL ADVANCED WARNING SIGNAGE PRIOR TO BEGINNING ANY CONSTRUCTION IN ACCORDANCE WITH IDOT STANDARD BLR 22.
2. CONSTRUCT SOUTH HALF OF MARSHALL AVENUE FROM STA 27+23.65 TO STA 34+10.41.
3. MARSHALL AVENUE OPEN TO LOCAL ONE LANE TRAFFIC ONLY.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY ENTRANCES WHERE REQUIRED DURING CONSTRUCTION.
6. REMOVE EXISTING PAVEMENT ON THE SOUTH HALF OF THE ROADWAY AND CONSTRUCT NEW PAVEMENT, CURB AND GUTTER, ENTRANCES, DRAINAGE, SIDEWALKS, ETC. AS SHOWN ON THE PLANS.
7. COMPLETE ALL WORK BEFORE OPENING TO TRAFFIC AND CONTINUING ON WITH NEXT STAGE, INCLUDING SIDEWALKS, SIDE STREET APPROACHES, AND SEEDING/MULCHING.
8. ACCESS TO MCFARLAND STEEL FROM THE EAST SHALL BE MAINTAINED AT ALL TIMES DURING STAGE 2B.



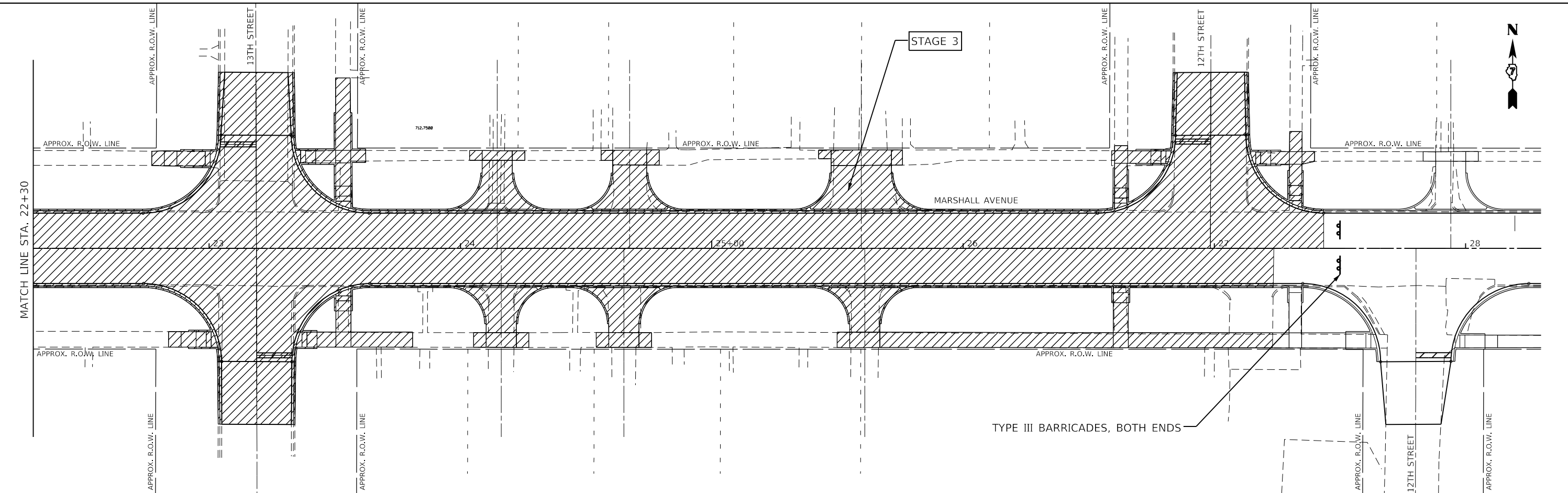
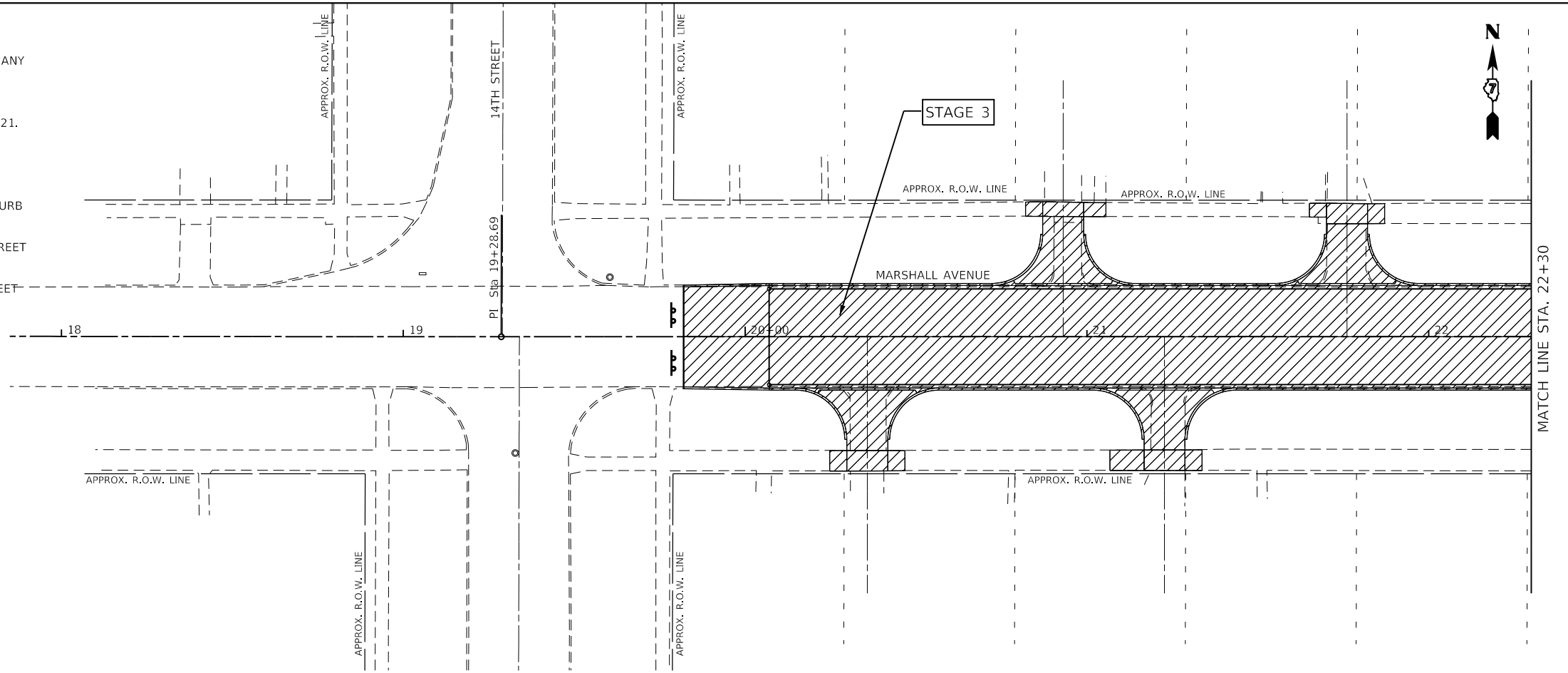
Contract # 95829

FILE NAME = P:\Civi\1_Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-mot2B.dgn	USER NAME = Sto34	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>MAINTENANCE OF TRAFFIC</b> <b>STAGE 2B</b>	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - MED	REVISED -				60	24
PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -	REVISED -	SCALE: 40,0000' / in.	PROJECT: 3115113-02			



**STAGE 3**

1. CONTRACTOR SHALL PLACE ALL ADVANCED WARNING SIGNAGE PRIOR TO BEGINNING ANY CONSTRUCTION IN ACCORDANCE WITH IDOT STANDARD BLR 21.
2. CONSTRUCT MARSHALL AVENUE FROM STA 19+82 TO STA 27+43.54.
3. MARSHALL AVENUE CLOSED TO TRAFFIC IN ACCORDANCE WITH IDOT STANDARD BLR 21. ACCESS TO RESIDENCES FROM ALLEYS.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY ENTRANCES WHERE REQUIRED DURING CONSTRUCTION.
6. REMOVE EXISTING PAVEMENT OF THE ROADWAY AND CONSTRUCT NEW PAVEMENT, CURB AND GUTTER, ENTRANCES, DRAINAGE, SIDEWALKS, ETC. AS SHOWN ON THE PLANS.
7. COMPLETE ALL WORK BEFORE OPENING TO TRAFFIC, INCLUDING SIDEWALKS, SIDE STREET APPROACHES, AND SEEDING/MULCHING.
8. RESIDENTS SHALL HAVE UNENCUMBERED ACCESS FROM LAWSON PARK TO 13TH STREET SOUTH OF THE PROJECT LIMITS ON THE SOUTH SIDE OF MARSHALL FOR PARKING AT TIMES DURING THE CONSTRUCTION OF STAGE 2B.



FILE NAME = P:\Civi\1_Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-mot3.dgn	USER NAME = S1034	DESIGNED - ALB	REVISED -
Contract # 95829	PLOT SCALE = 40.0000' / in.	DRAWN - EAC	REVISED -
	PLOT DATE = 1/9/2018	CHECKED - MED	REVISED -
		DATE - JAN. 9, 2018	REVISED -

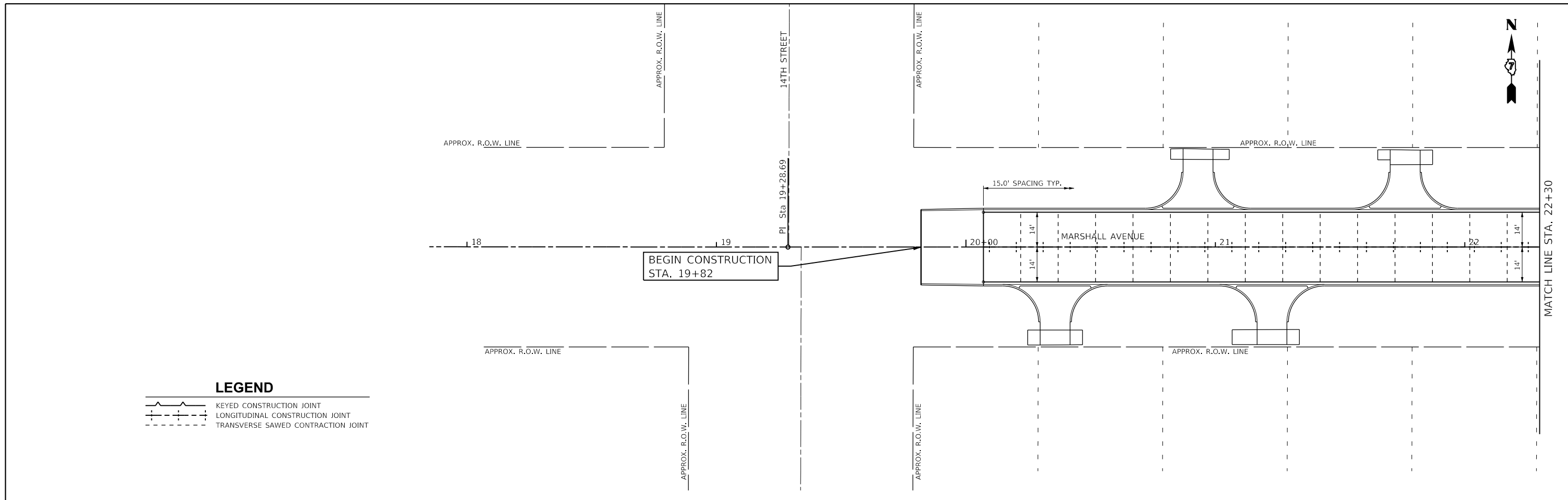
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

SCALE: 40,0000' / in. PROJECT: 3115113-02

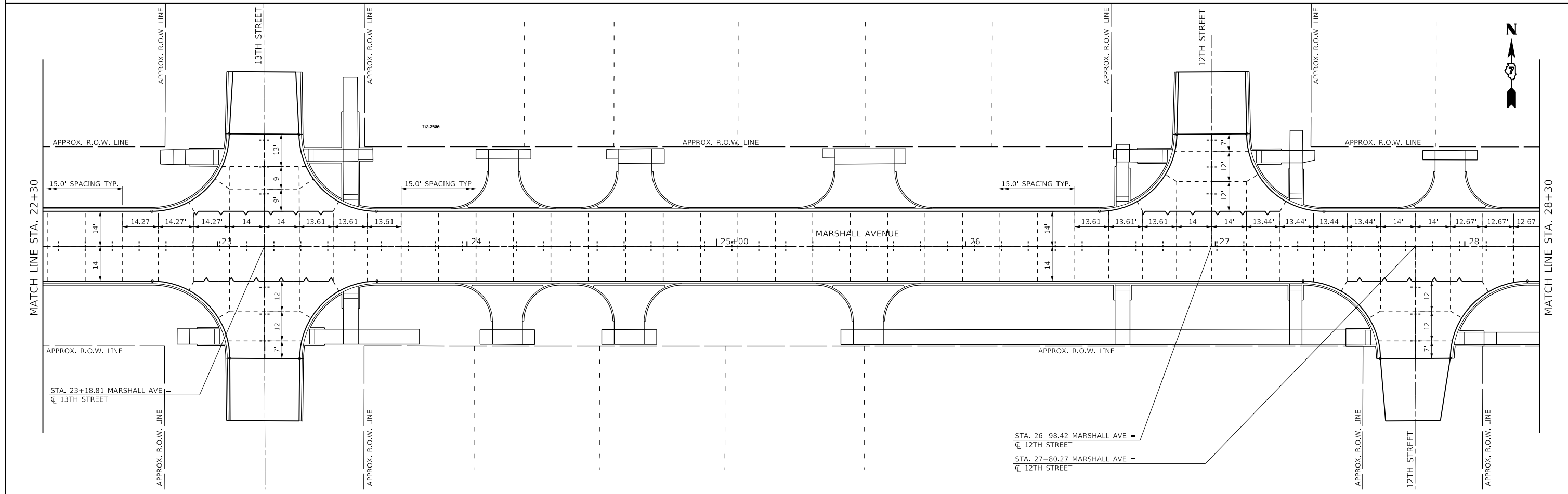
**MAINTENANCE OF TRAFFIC**  
**STAGE 3**

TOTAL SHEETS	SHEET NO.
60	25

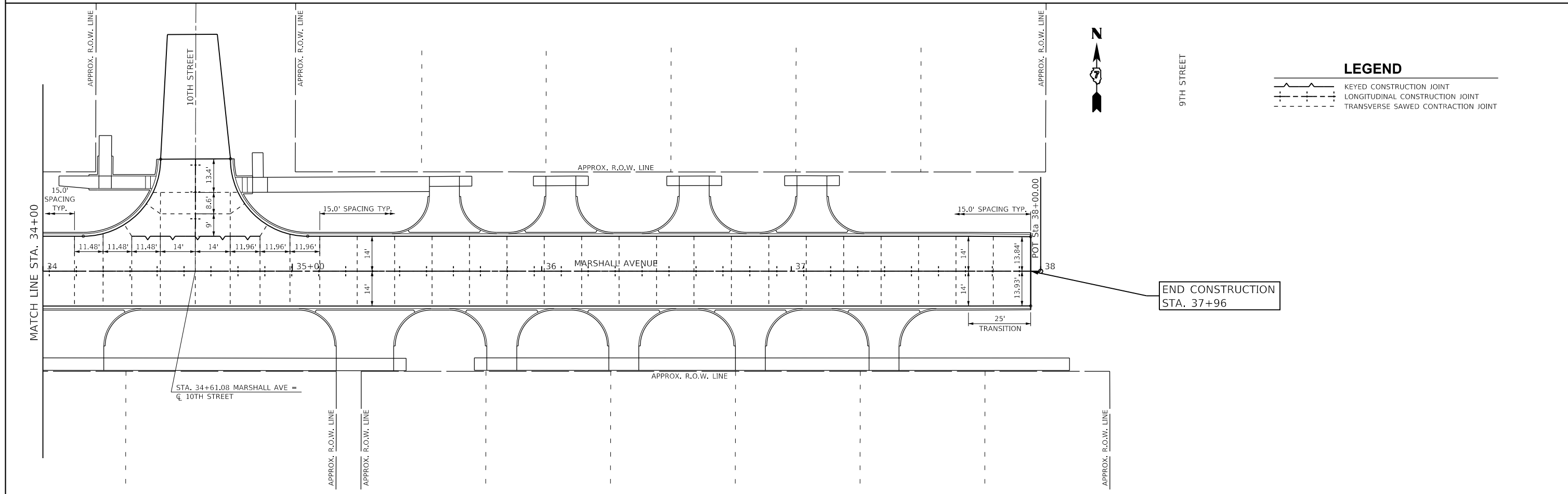
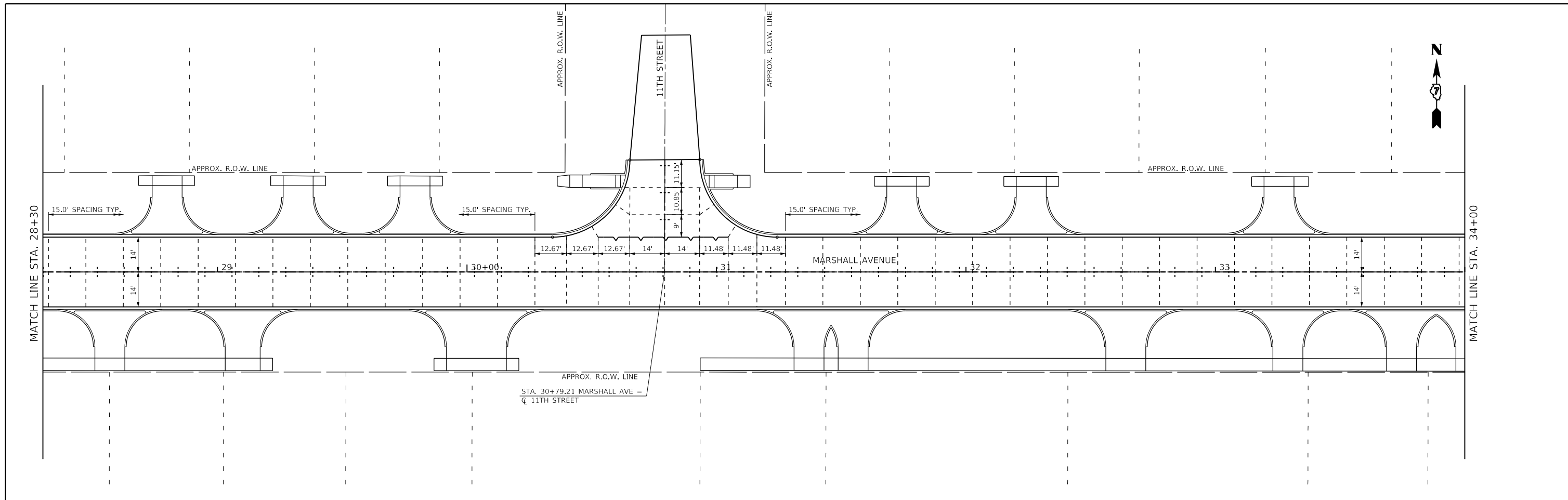


**LEGEND**

	KEYED CONSTRUCTION JOINT
	LONGITUDINAL CONSTRUCTION JOINT
	TRANSVERSE SAWED CONTRACTION JOINT



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-pvt\joint.dgn	USER NAME = Sto34	DESIGNED - ALB	REVISED -	<b>The Upchurch Group</b> 123 North 15th Street Mattoon, Illinois 61938 <small>Professional Design Firm Corporation License No. 184-003401</small>	<b>MARSHALL AVENUE RECONSTRUCTION - PHASE 2</b> 9TH STREET TO 14TH STREET CITY OF MATTOON, ILLINOIS 61938	<b>PAVEMENT JOINT LAYOUT</b> STA. 19+82 TO STA. 28+30 Contract # 95829	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - MED	REVISED -				60	26
PLOT DATE = 1/9/2018	DATE = JAN. 9, 2018	REVISED -	REVISED -	SCALE: 40,0000' / in.	PROJECT: 3115113-02			

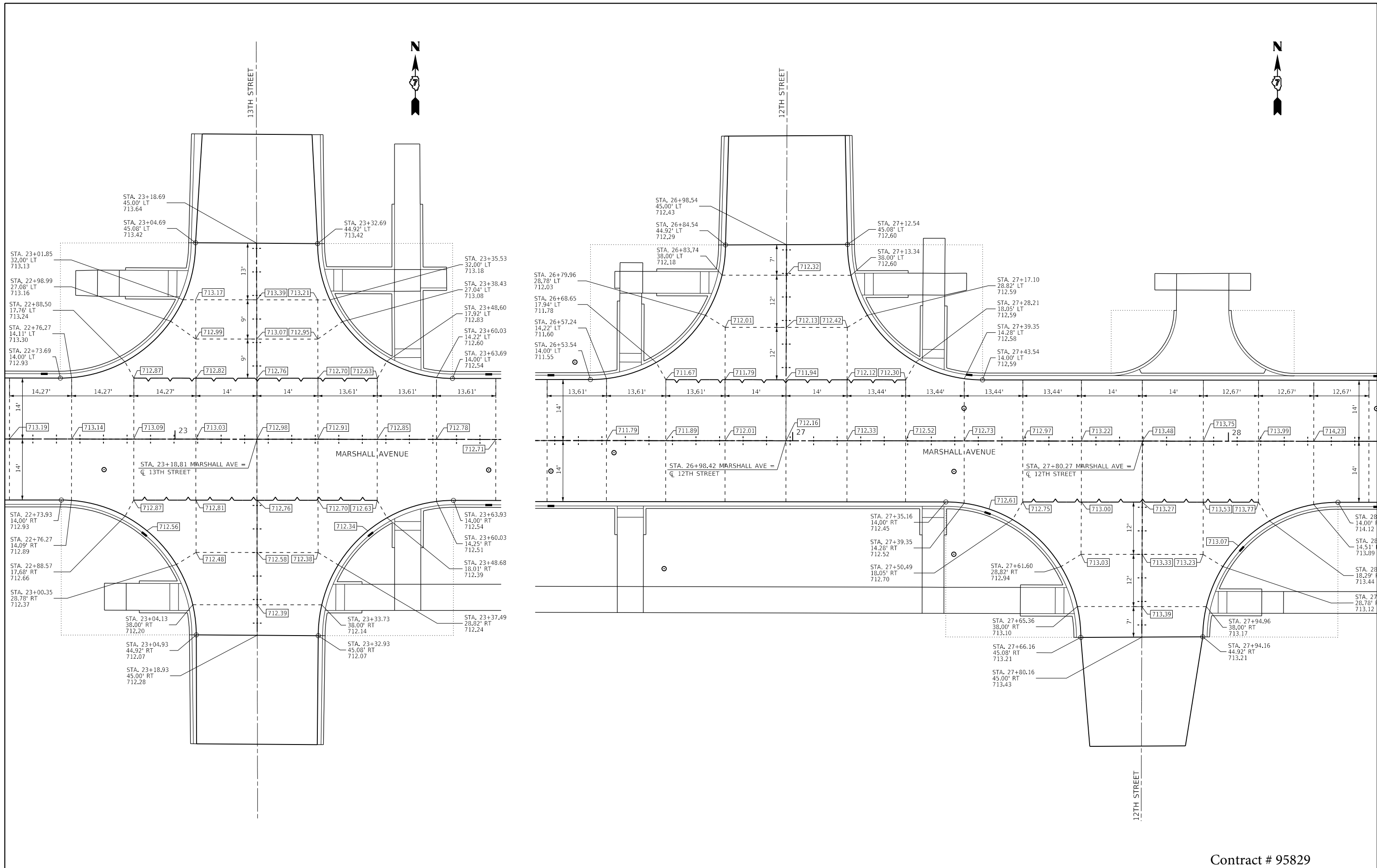


**LEGEND**

- KEYED CONSTRUCTION JOINT
- LONGITUDINAL CONSTRUCTION JOINT
- TRANSVERSE SAWED CONTRACTION JOINT

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	PLOT SCALE = 40.0000' / in.	DRAWN - SAE	REVISED -				60	27
	PLOT DATE = 1/9/2018	CHECKED - MED	REVISED -					
		DATE - JAN. 9, 2018	REVISED -					

SCALE: 40,0000' / in. PROJECT: 3115113-02



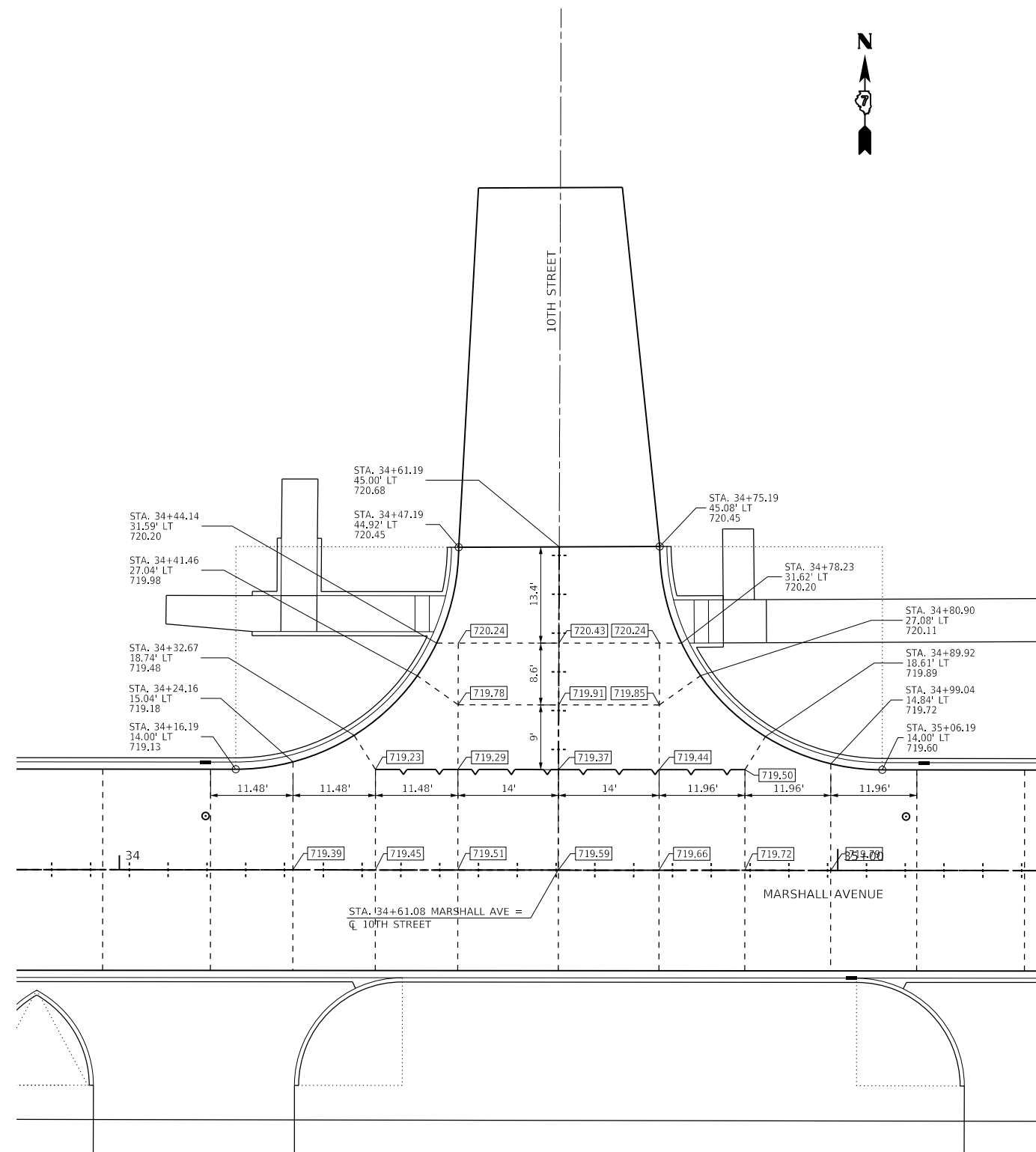
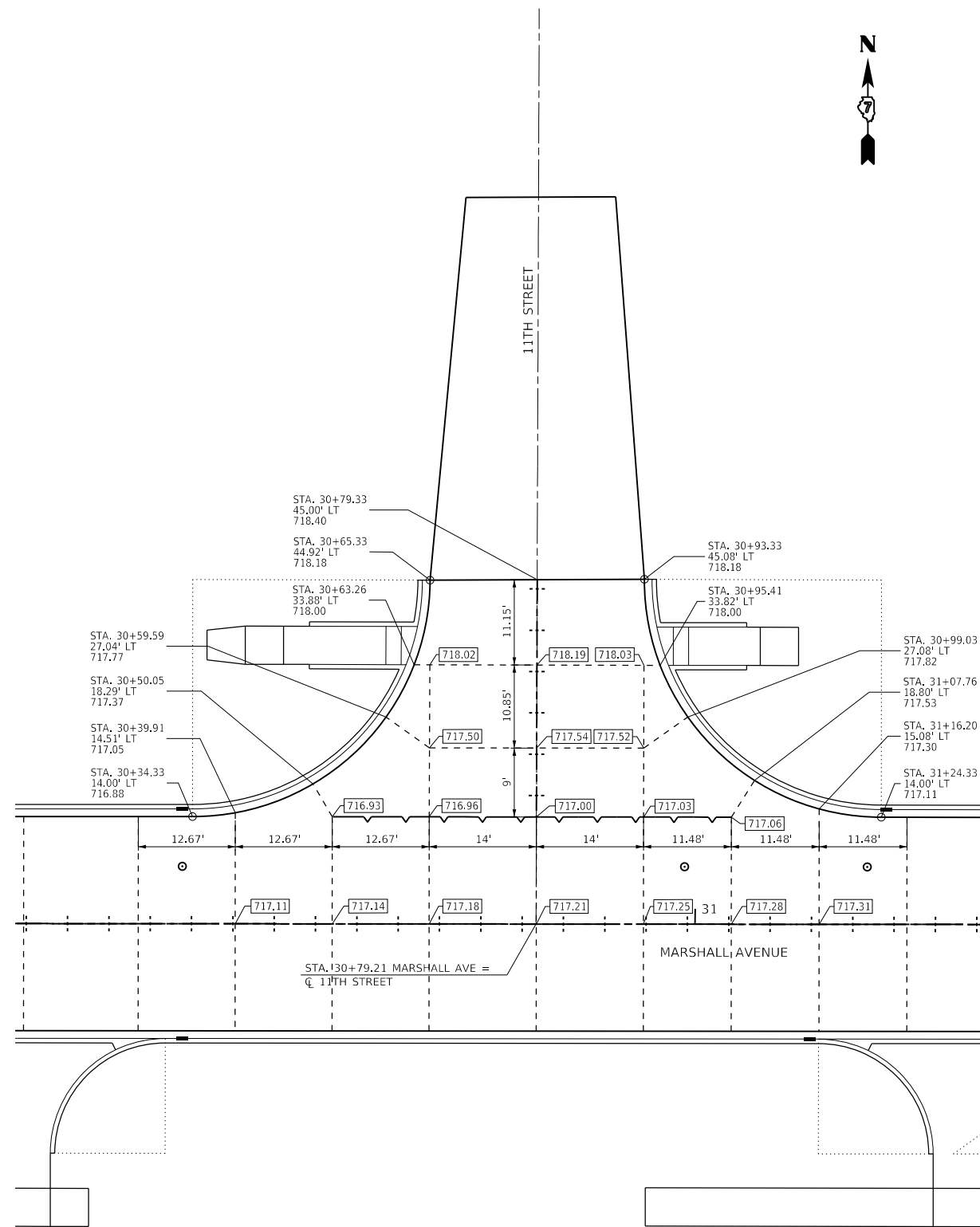
Contract # 95829

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PLOT SCALE = 20.0000' / in.	CHECKED - MED	DRAWN - SAE	REVISED -
PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018		REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 20.0000' / in. PROJECT: 3115113-02

<b>INTERSECTION ELEVATIONS</b> 12TH STREET & 13TH STREET	TOTAL SHEETS	SHEET NO.
	60	28



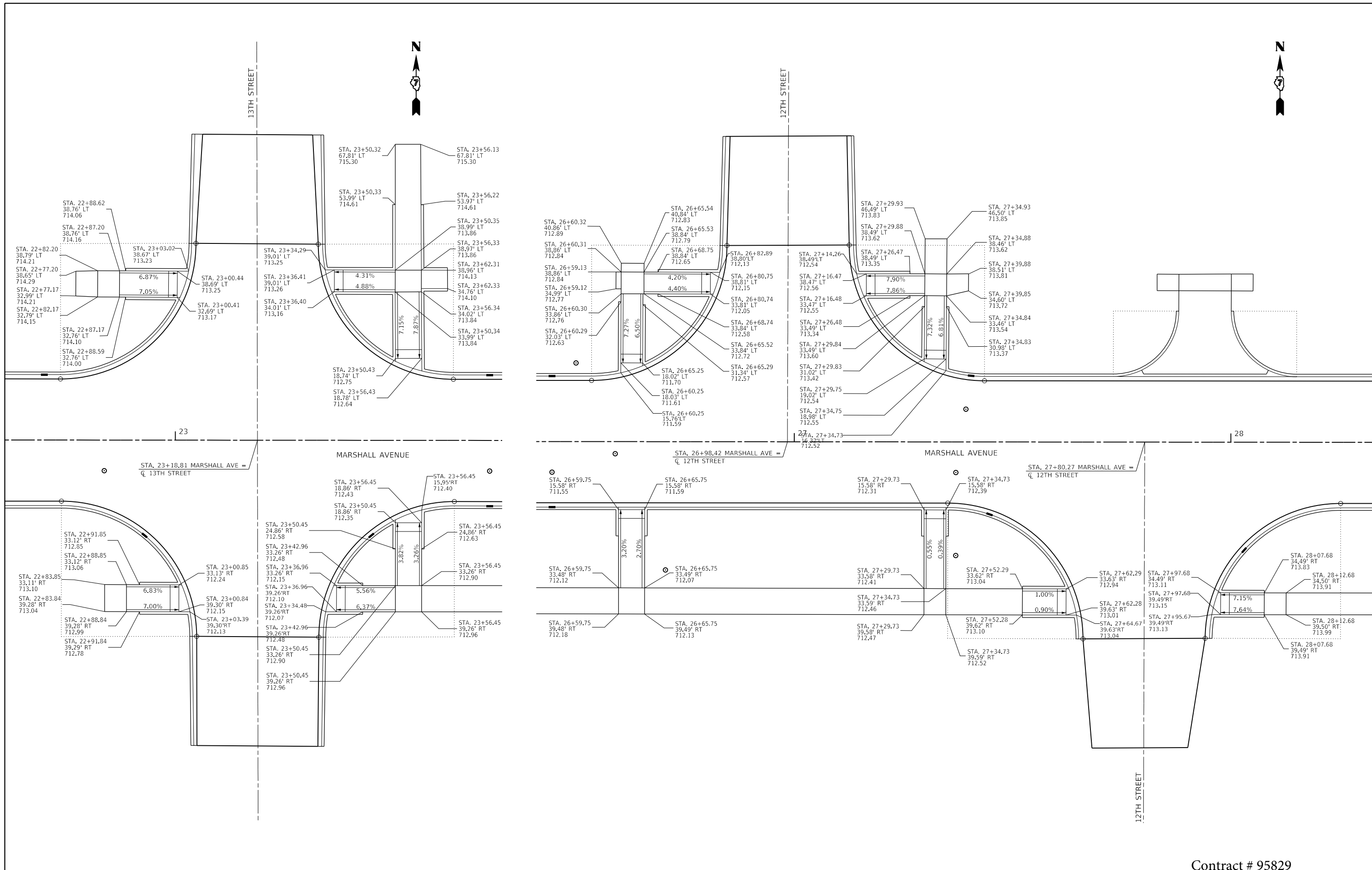
Contract # 95829

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	PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 20.0000' / in. PROJECT: 3115113-02

<b>INTERSECTION ELEVATIONS</b> 10TH STREET & 11TH STREET	TOTAL SHEETS	SHEET NO.
	60	29

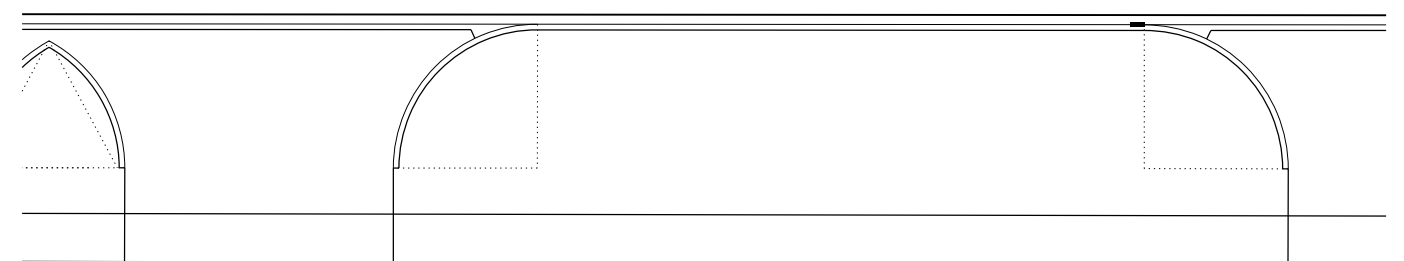
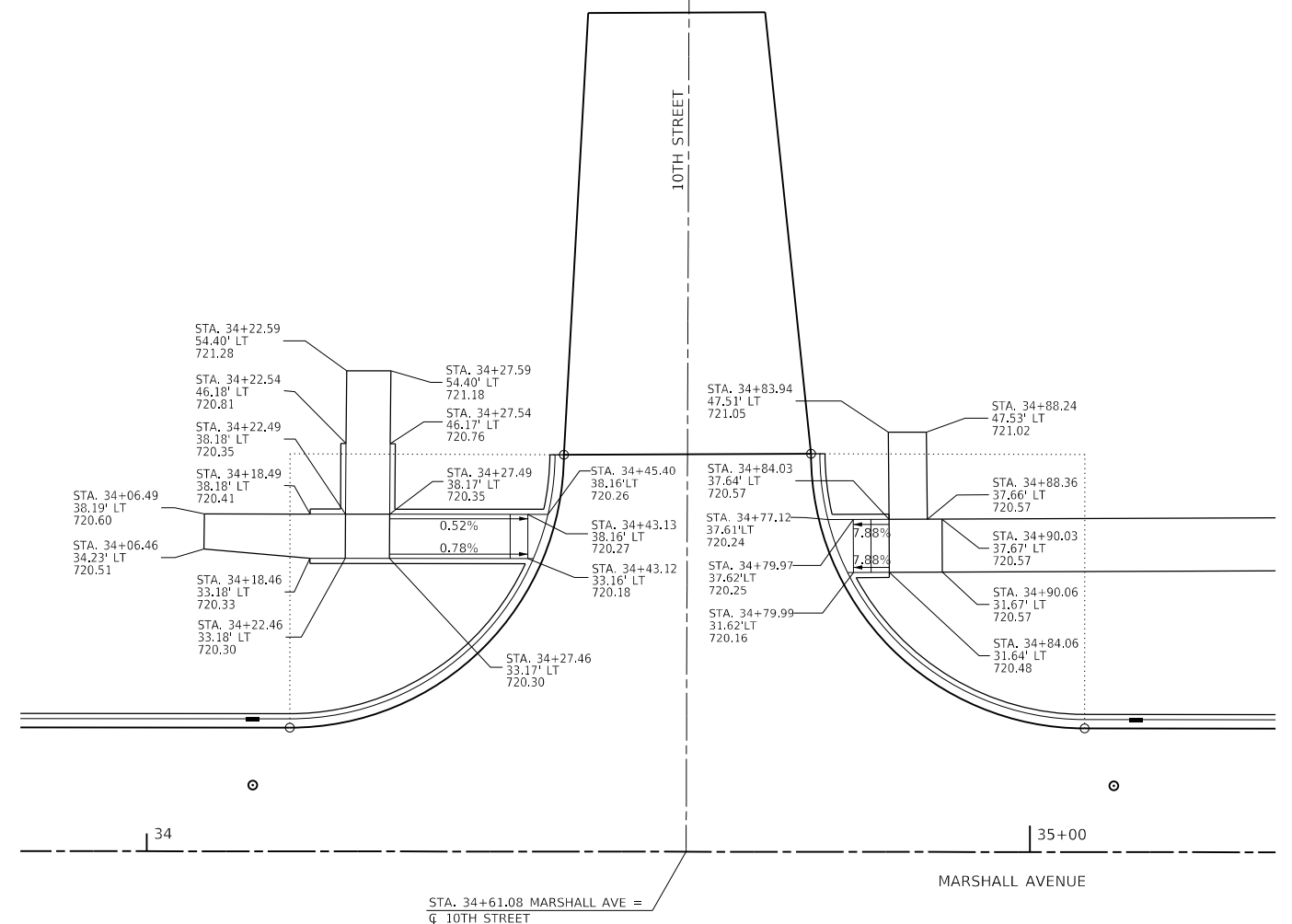
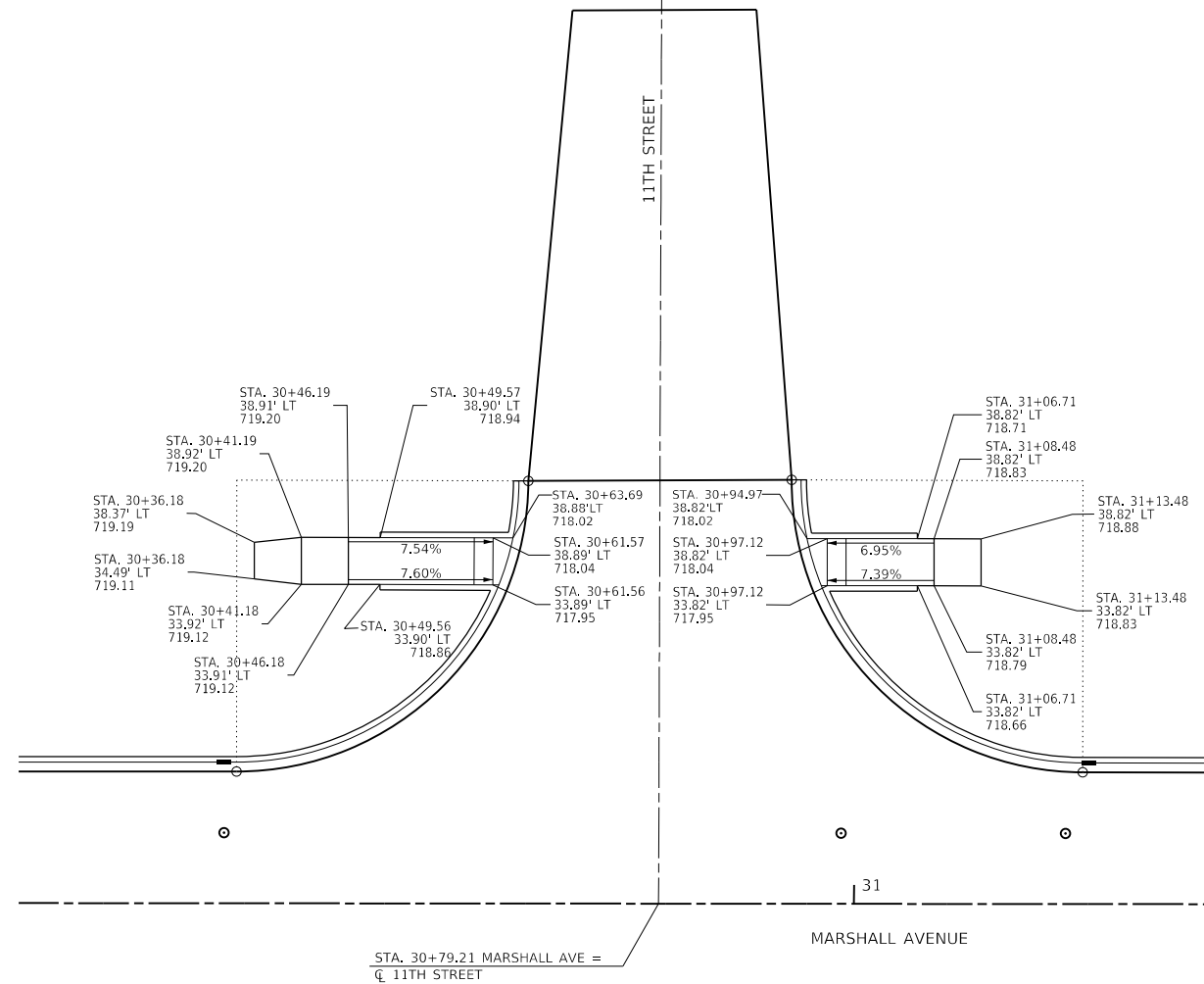


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		DATE - JAN. 9, 2018	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 20.0000' / in. PROJECT: 3115113-02

Contract # 95829	
<b>SIDEWALK ELEVATIONS</b>	
<b>12TH STREET &amp; 13TH STREET</b>	
TOTAL SHEETS	SHEET NO.
60	30



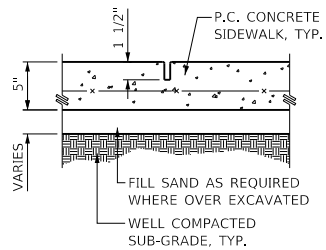
Contract # 95829

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	PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -

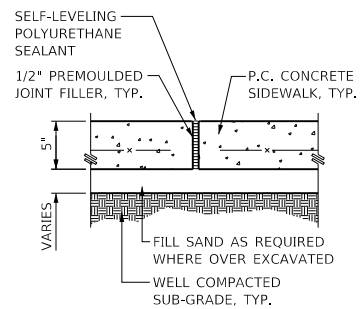
**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: 20.0000' / in. PROJECT: 3115113-02

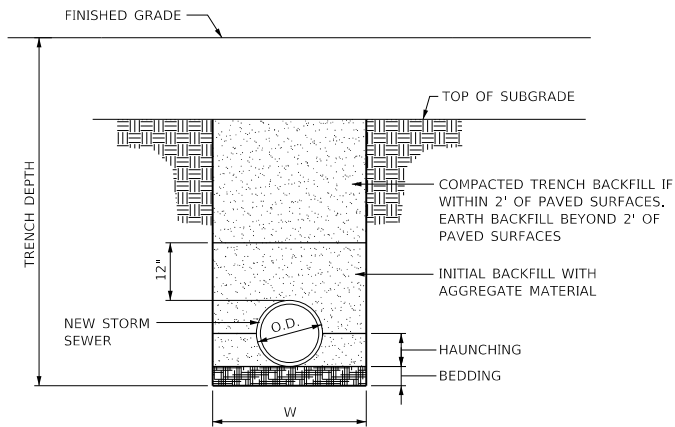
<b>SIDEWALK ELEVATIONS</b>	TOTAL SHEETS	SHEET NO.
<b>10TH STREET &amp; 11TH STREET</b>	60	31



**1 SAWED / TOOLED JOINT**  
SIDEWALK: 5' MAX. JOINT SPACING



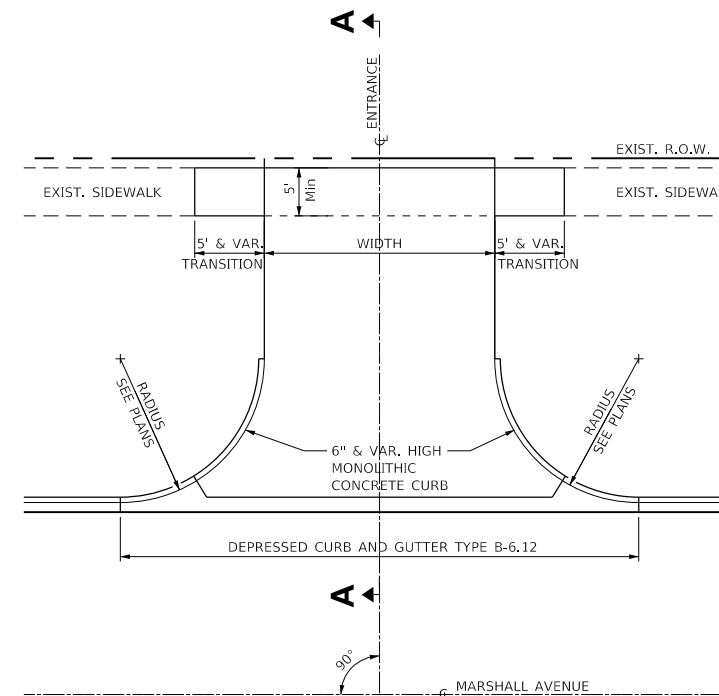
**2 EXPANSION JOINT**  
SIDEWALKS



$W = 9" + O.D. + 9"$  WHERE TRENCH DEPTH IS  $\leq 5'$   
 $W = 18" + O.D. + 18"$  WHERE TRENCH DEPTH IS  $> 5'$

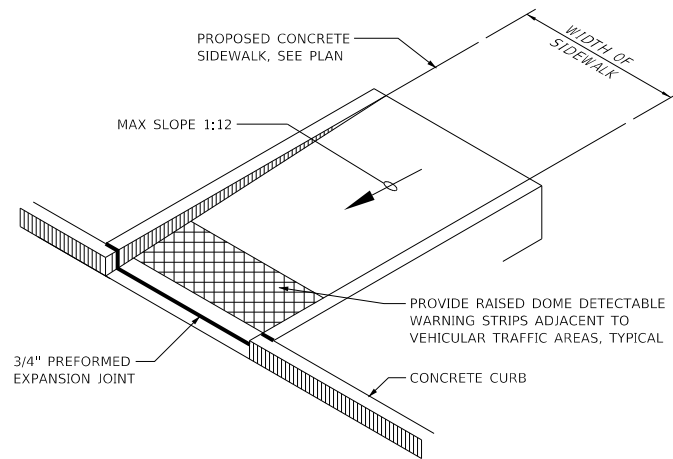
NOTE:  
BEDDING, HAUNCHING, INITIAL BACKFILL, AND TRENCH BACKFILL MATERIAL SHALL BE AGGREGATE GRADATION CA-07.

**3 TRENCH DETAIL**

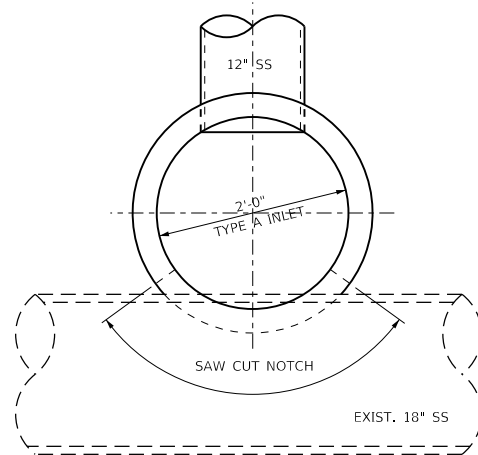


PLAN

**4 TYPICAL ENTRANCE DETAIL**

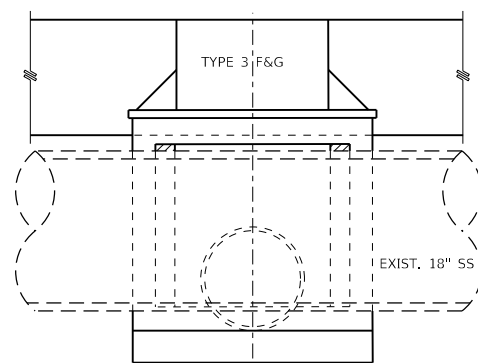


**5 ADA RAMP**  
FOR ADDITIONAL INFORMATION SEE STANDARD NUMBER 424001-10 PERPENDICULAR CURB RAMPS

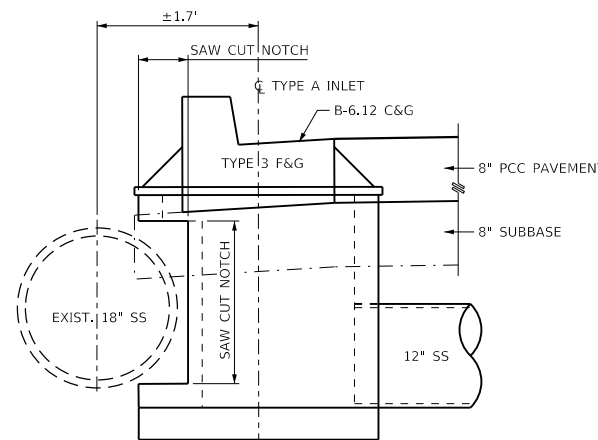


PLAN

- NOTES:
1. VERIFY DISTANCE BETWEEN EXISTING 18" STORM SEWER AND NEW TYPE A INLET.
  2. FIELD MEASURE AND SAW CUT NOTCH AND REMOVE PORTION OF NEW TYPE A INLET AS NEEDED TO ALLOW INLET TO SIT ON BASE AND CLEAR EXISTING 18" STORM SEWER.
  3. GROUT OPENING SHUT AROUND EXISTING 18" STORM SEWER AND NEW TYPE A INLET.

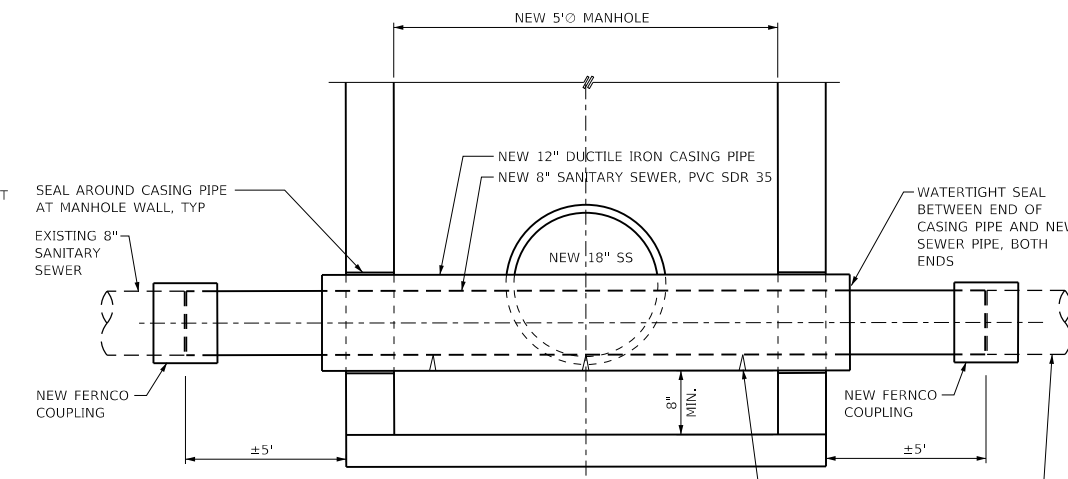


ELEVATION



ELEVATION

**6 INLET SPECIAL DETAIL**  
POTENTIALLY AT STRUCTURE NOS. 3, 6, 9, 13, & 16



NOTE:  
FIELD VERIFY EXISTING SANITARY SEWER PIPE SIZE AND MATERIAL BEFORE ORDERING NEW PIPE, CASING AND CONNECTORS.

**7 CONFLICT MANHOLE DETAIL**  
SEE STRUCTURE NO. 69 IN STORM SEWER TABLE FOR ELEVATIONS AND LID TYPE.

FILE NAME =	USER NAME = S1034	DESIGNED - ALB	REVISED -
P:\Civi\1_Mattoon\Marshall Ave Phase II\CD_Sheets\Marshall-PH2-sht-detail.dgn		DRAWN - SAE	REVISED -
		CHECKED - MED	REVISED -
		DATE - JAN, 9, 2018	REVISED -

The Upchurch Group  
123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

MARSHALL AVENUE RECONSTRUCTION - PHASE 2  
9TH STREET TO 14TH STREET  
CITY OF MATTOON, ILLINOIS 61938  
SCALE: 2,0000' / 1" PROJECT: 3115113-02

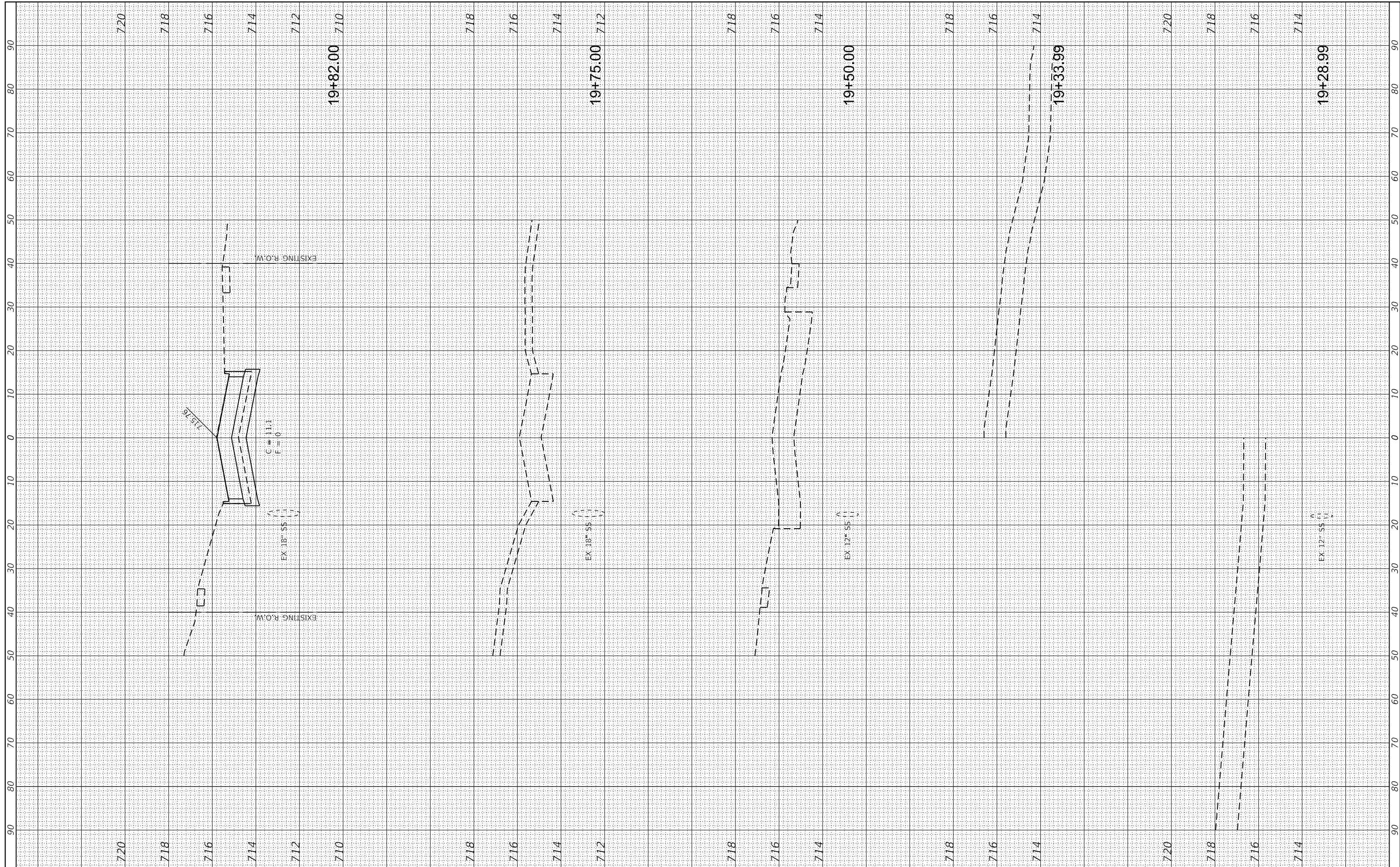
DETAILS  
Contract # 95829

TOTAL SHEETS	SHEET NO.
60	32



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
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 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

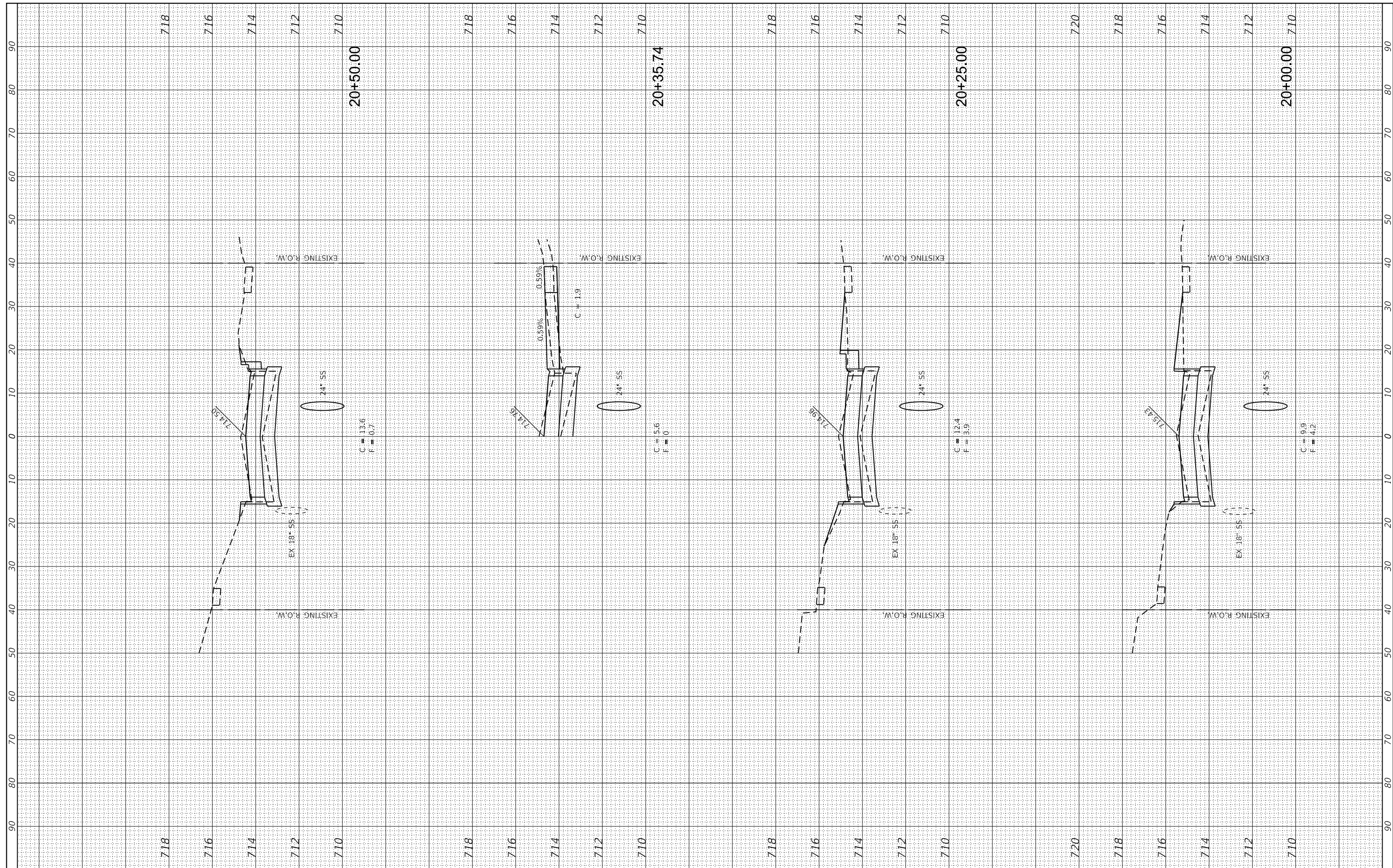
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 19+28.99 TO STA. 19+82.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	33

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 \*MODELNAME\* Contract # 95829

USER NAME = Ste34  
 DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISIONS:  
 REVISED -  
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 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

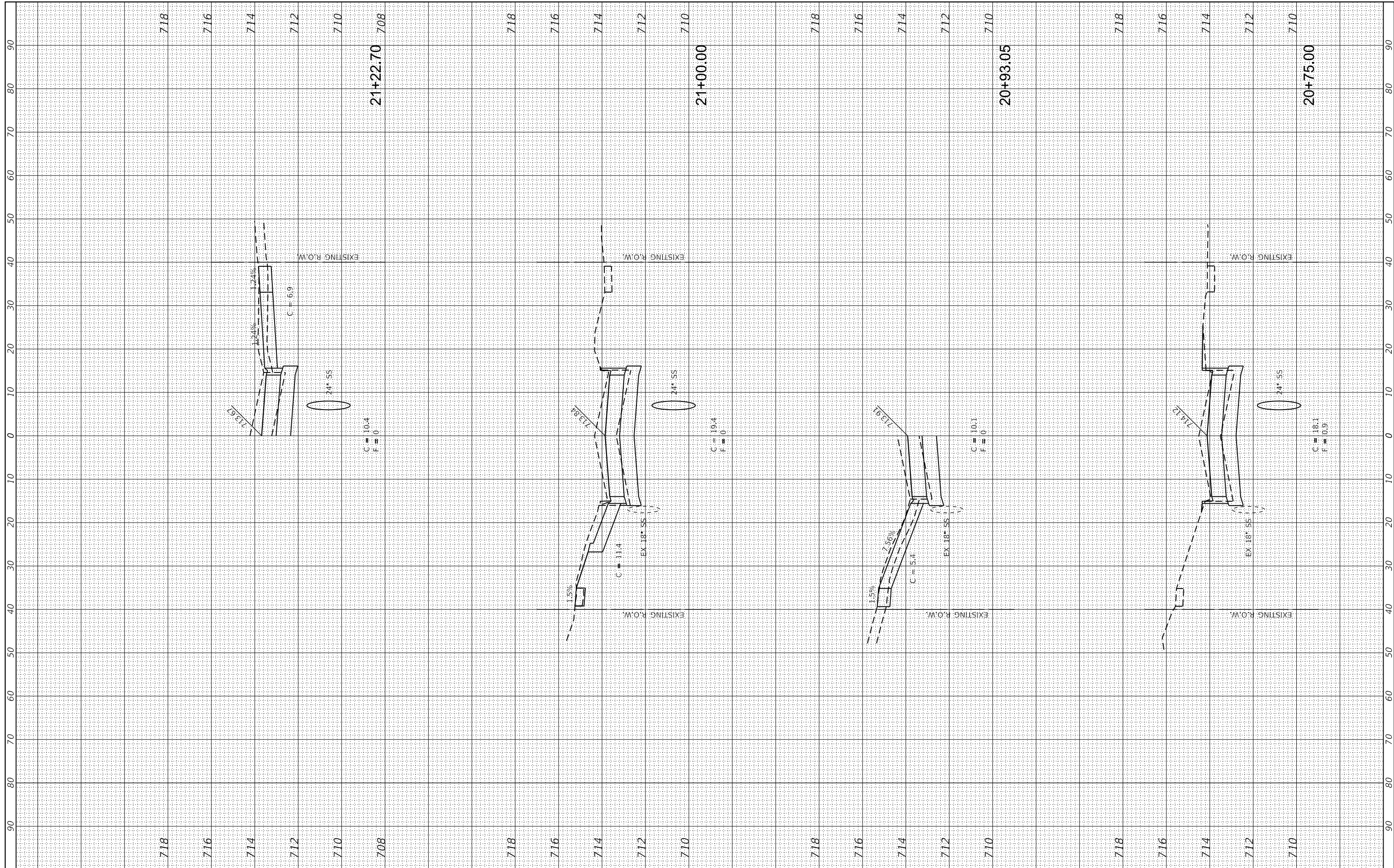
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 20+00.00 TO STA. 20+50.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	34

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
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 REVISED -

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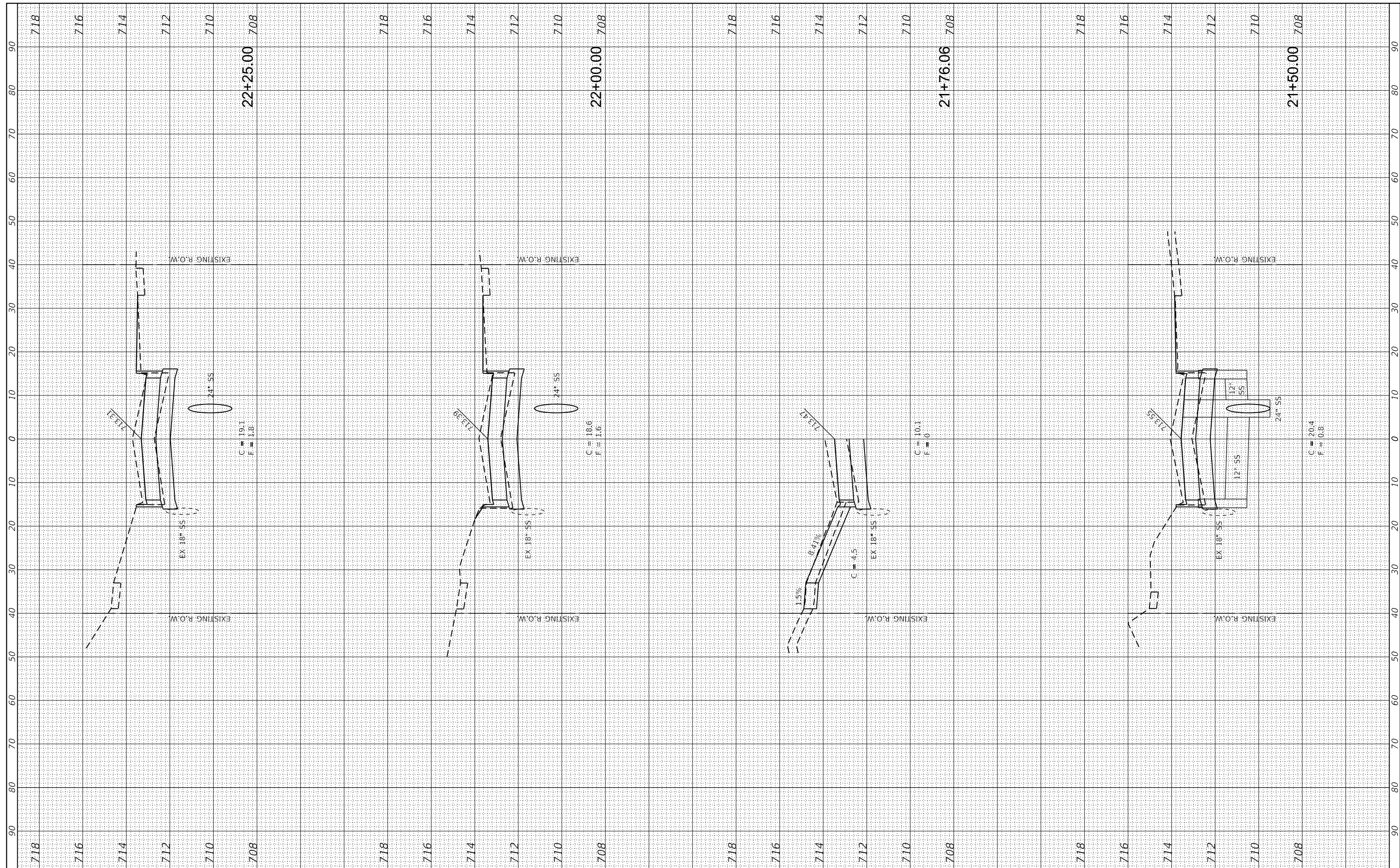
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 20+75.00 TO STA. 21+22.70

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	35

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 \*MODELNAME\* Contract # 95829

USER NAME = Ste34  
 DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN, 9, 2018

REVISIONS:  
 REVISED -  
 REVISED -  
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 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

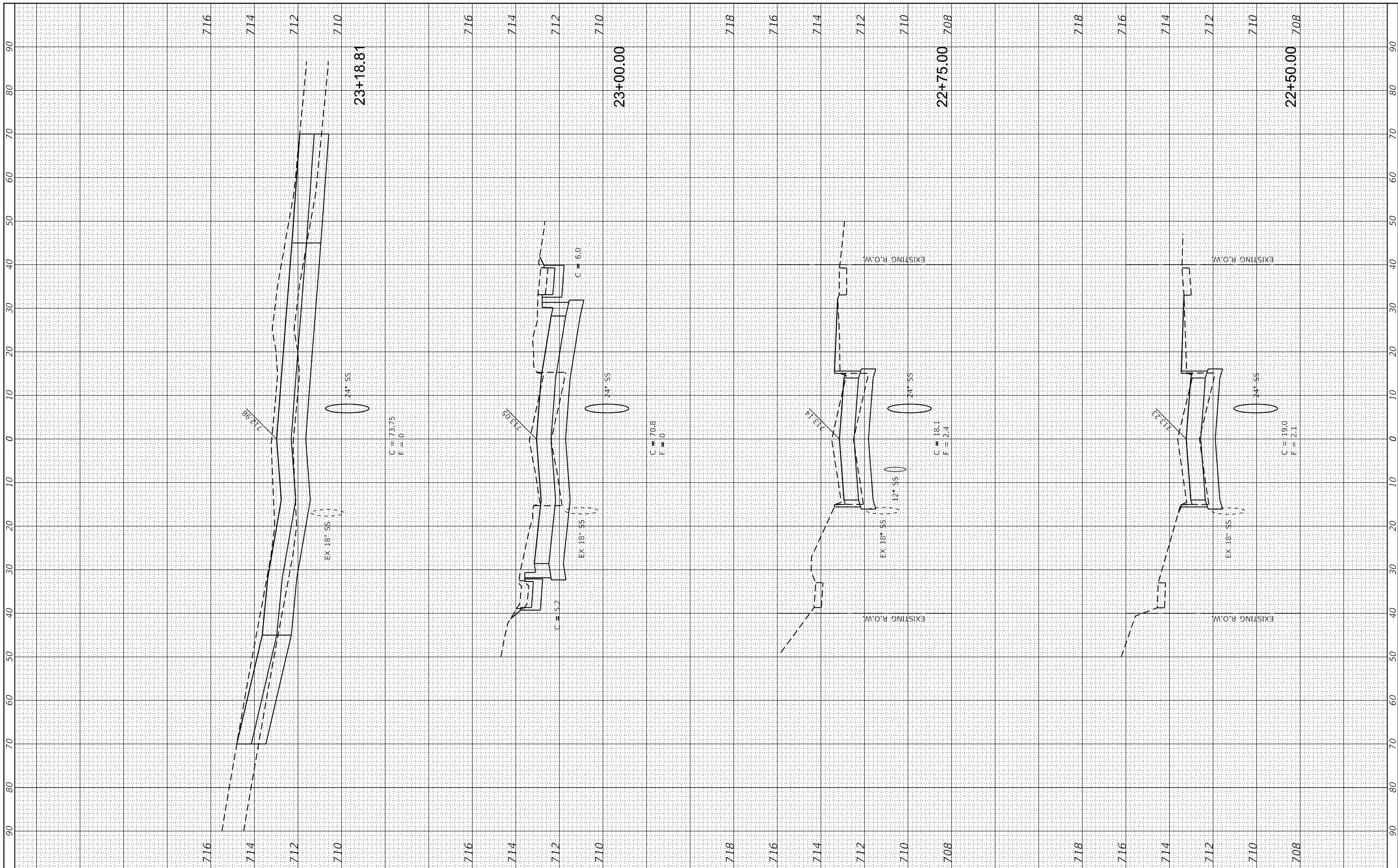
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 21+50.00 TO STA. 22+25.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	36

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =  
 P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xssht.dgn  
 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

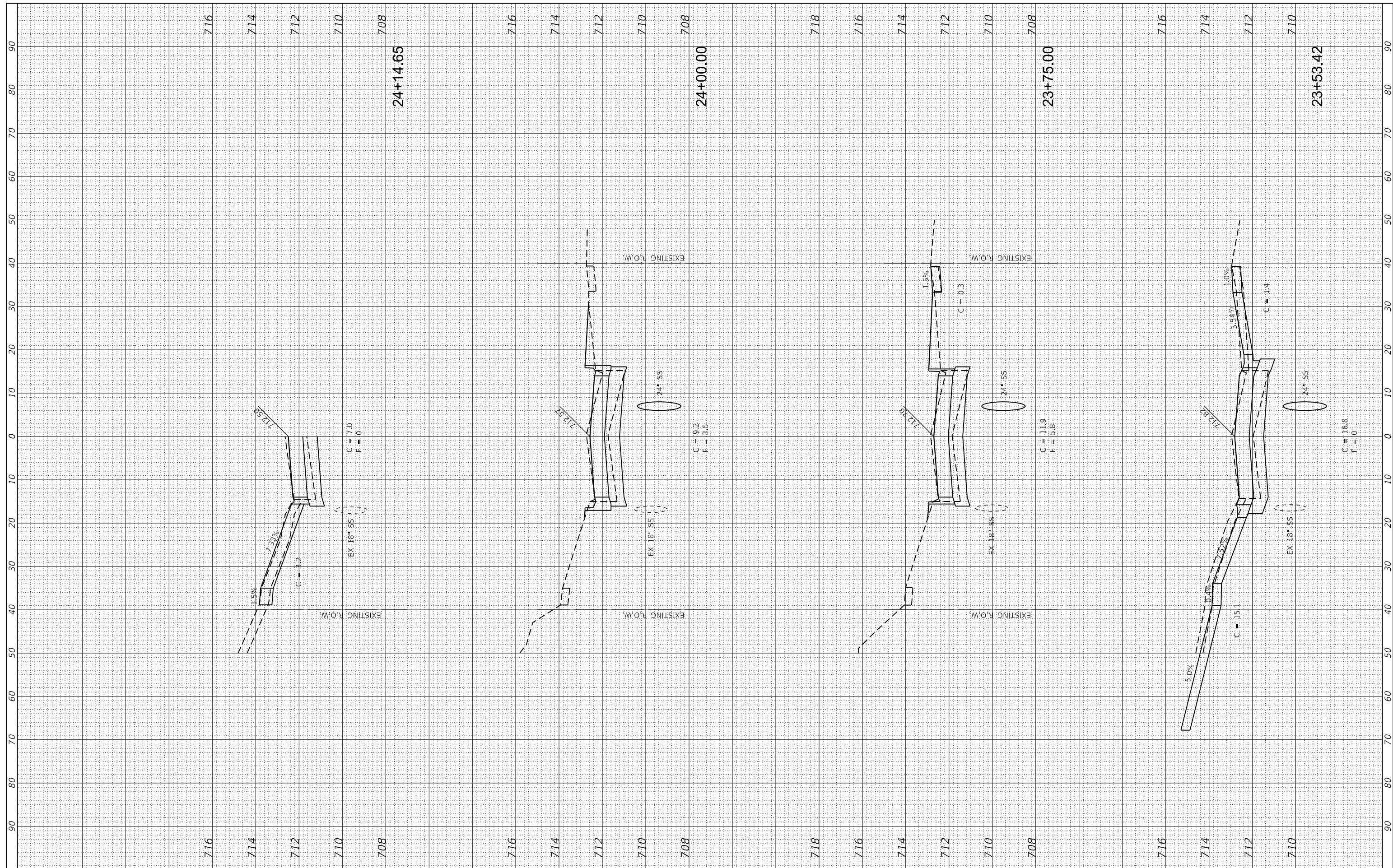
SCALE: PROJECT: 3115113-02 STA. 22+50.00 TO STA. 23+18.81

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	37

BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED



FILE NAME =	USER NAME = Sto34	DESIGNED - ALB	REVISED -
P:\Civil\Mattoon\Marshall Ave Phase II\CAD_Sheets\Marshall-PH2-sht-xxsht.dgn		DRAWN - SAE	REVISED -
Contract # 95829	PLOT SCALE = 20.0000' / in.	CHECKED - MED	REVISED -
#MODELNAME#	PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

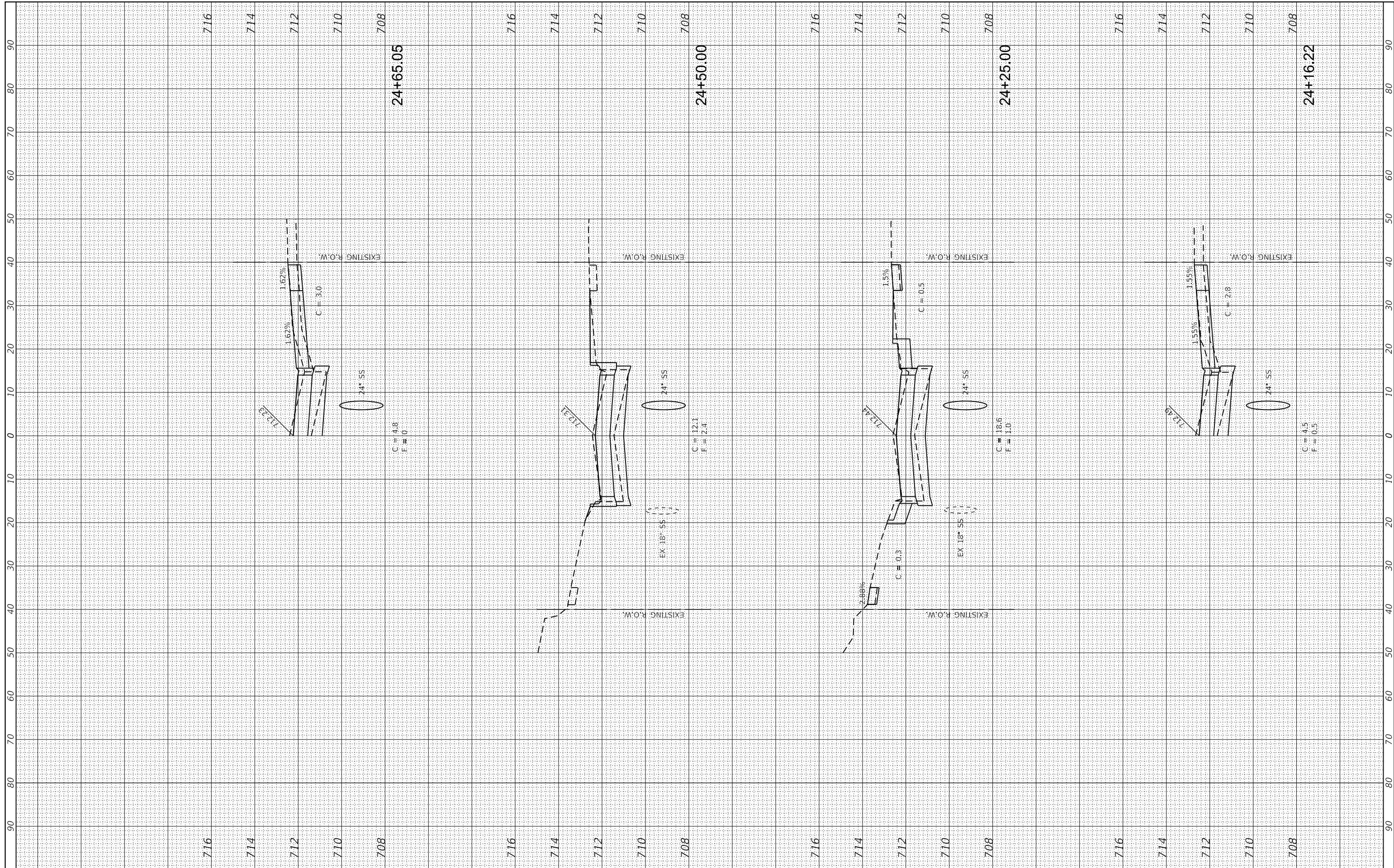
SCALE: PROJECT: 3115113-02 STA. 23+53.42 TO STA. 24+14.65

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	38

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
**Contract # 95829**  
 \*MODELNAME\*

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
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REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

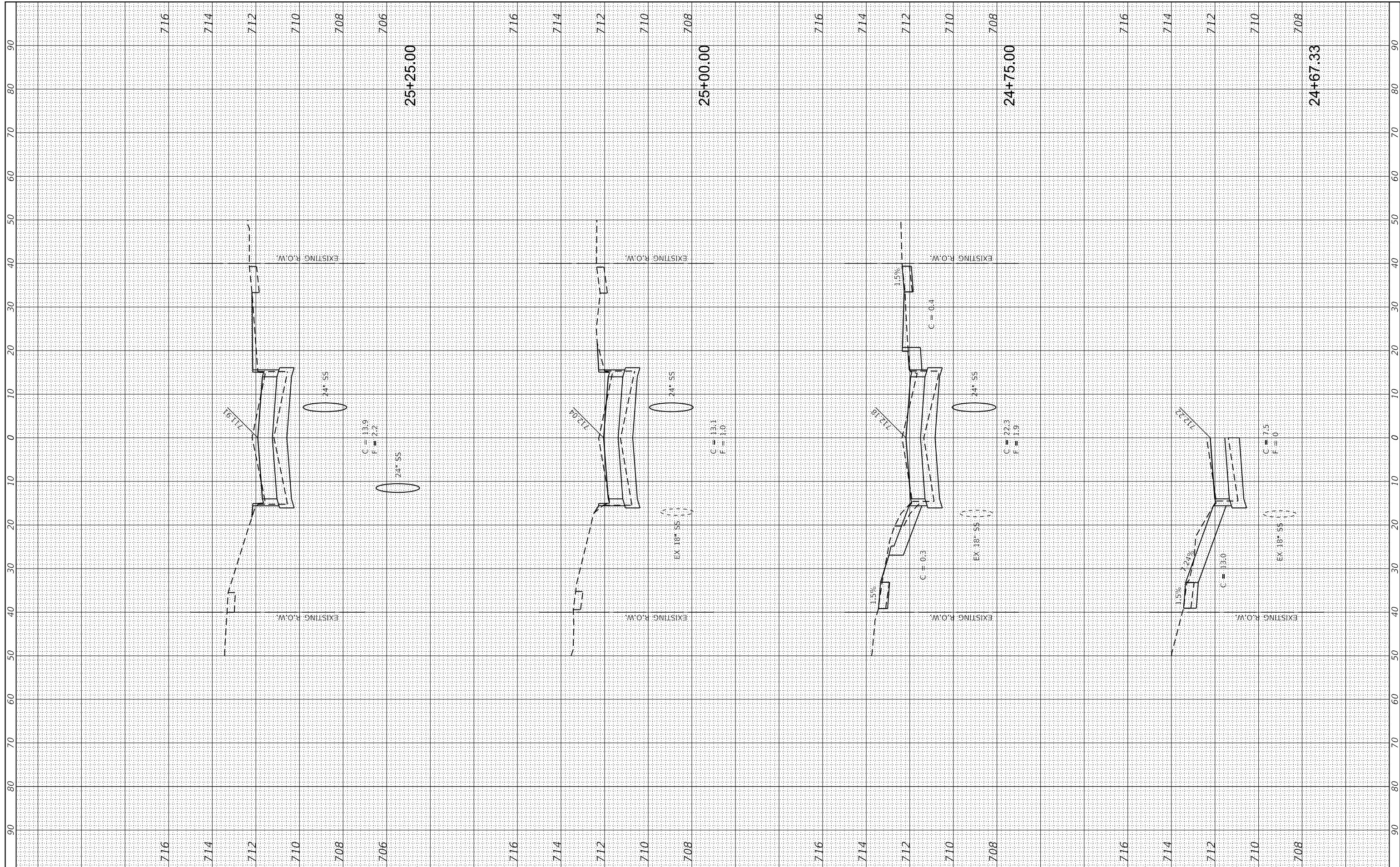
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 24+16.22 TO STA. 24+65.05

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	39

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xssht.dgn  
 Contract # 95829  
 #MODELNAME#

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
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 DATE - JAN. 9, 2018

REVISED -  
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 REVISED -

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 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 24+67.33 TO STA. 25+25.00

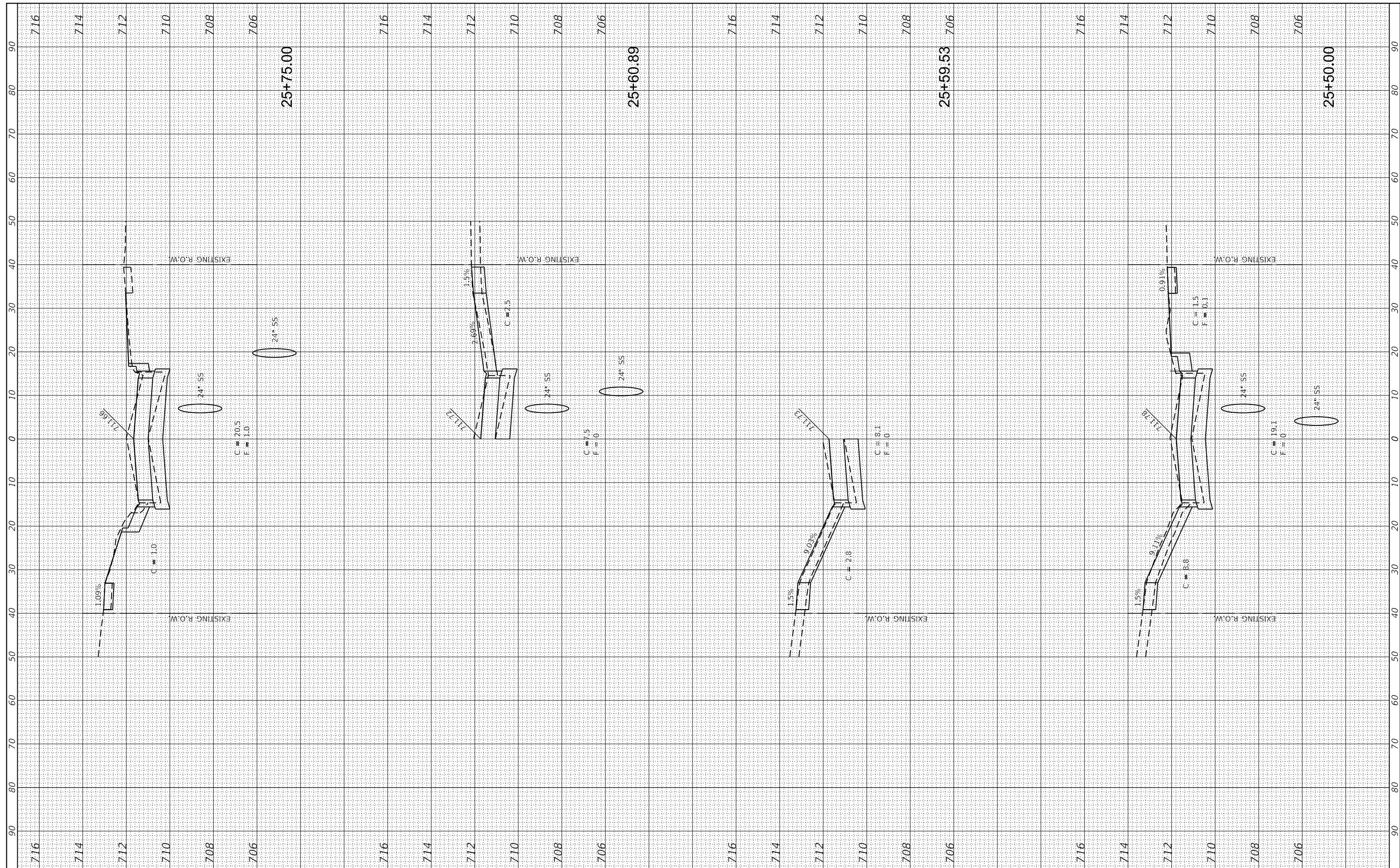
**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	40



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME =  
 P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
**Contract # 95829**

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
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 DATE - JAN, 9, 2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
Professional Design Firm Corporation License No. 184-003401

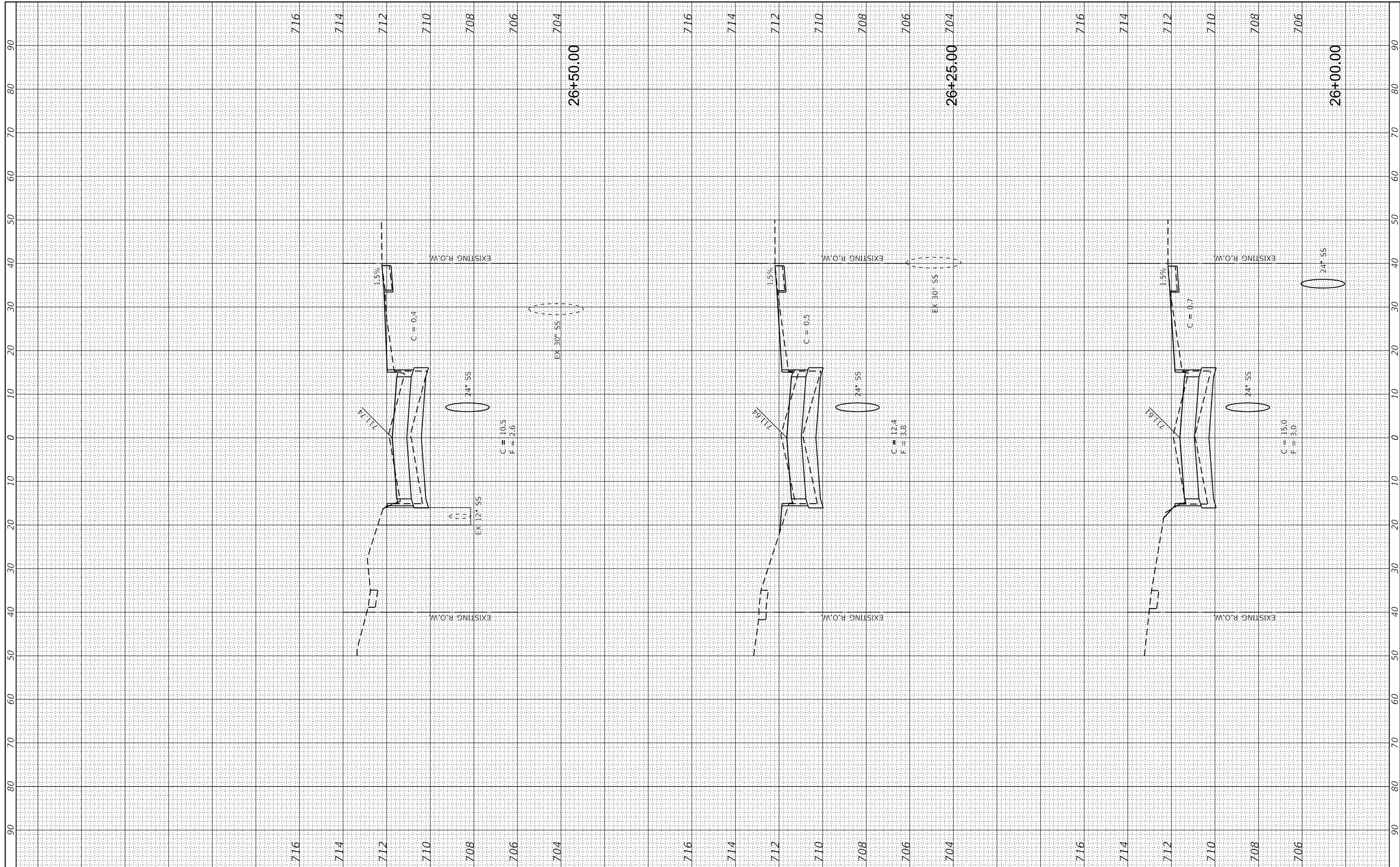
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 25+50.00 TO STA. 25+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	41

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xssht.dgn  
 \*MODELNAME\* Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

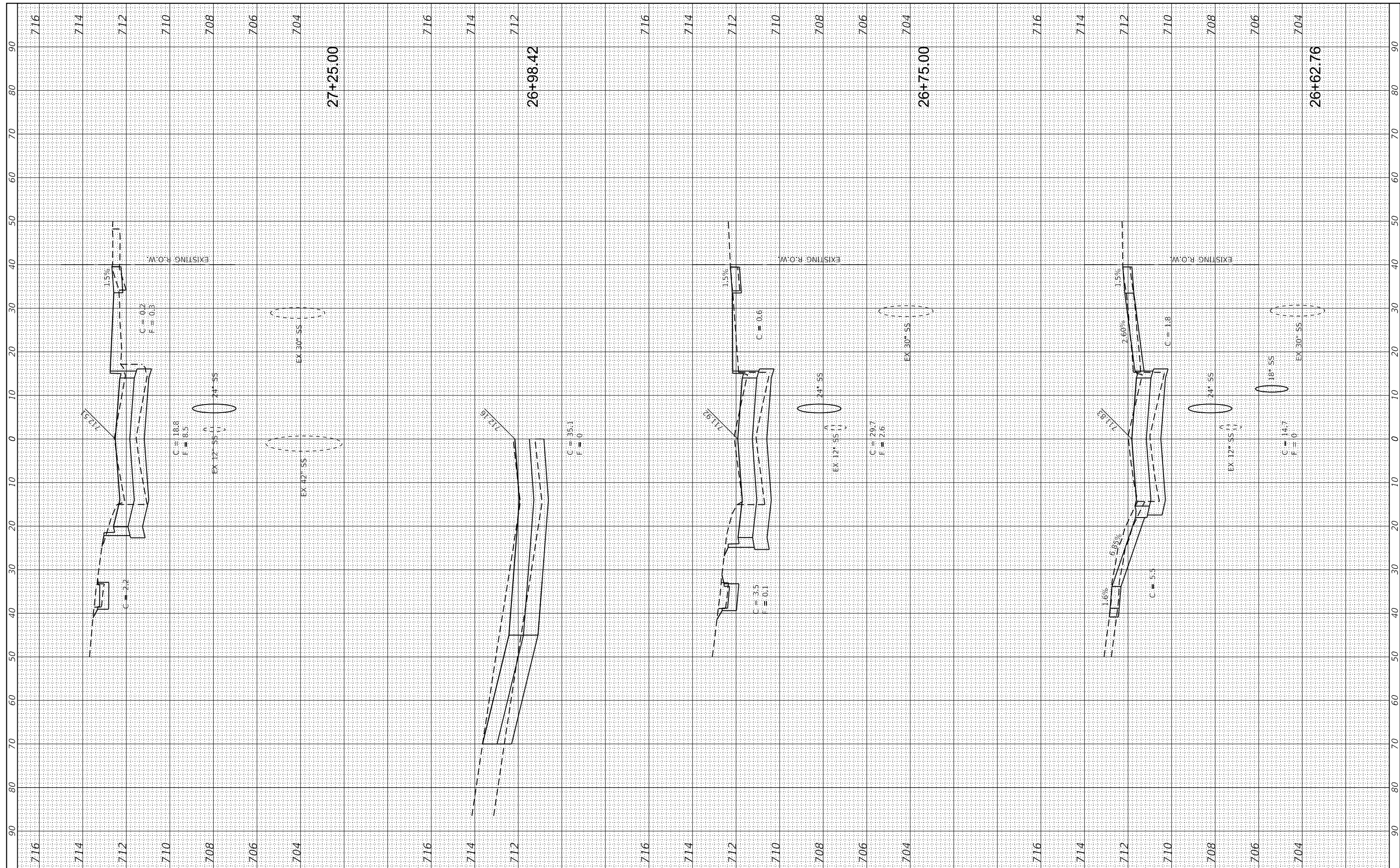
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 26+00.00 TO STA. 26+50.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	42

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 Contract # 95829  
 \*MODELNAME\*

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

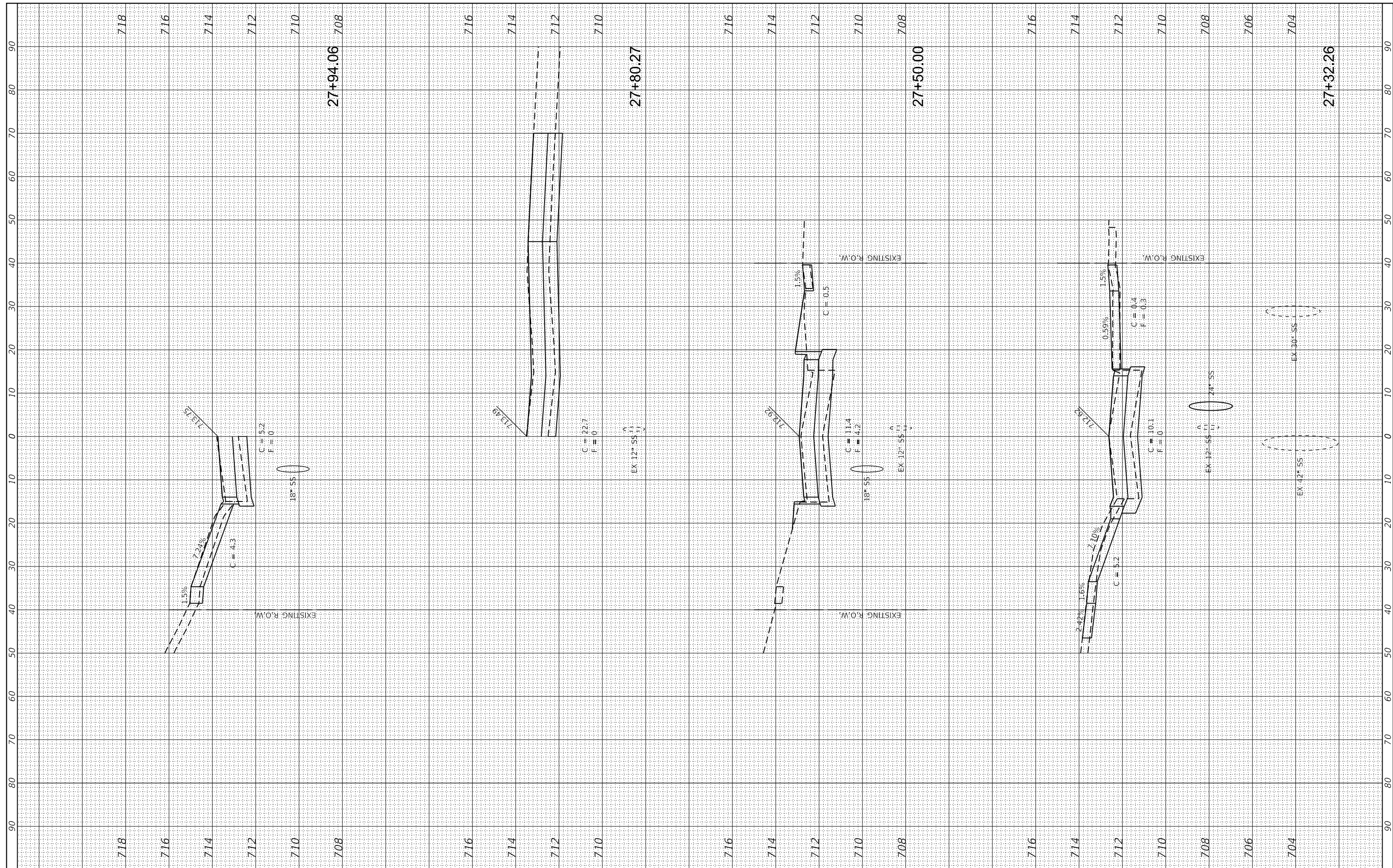
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 26+62.76 TO STA. 27+25.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	43

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 Contract # 95829  
 USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
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 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

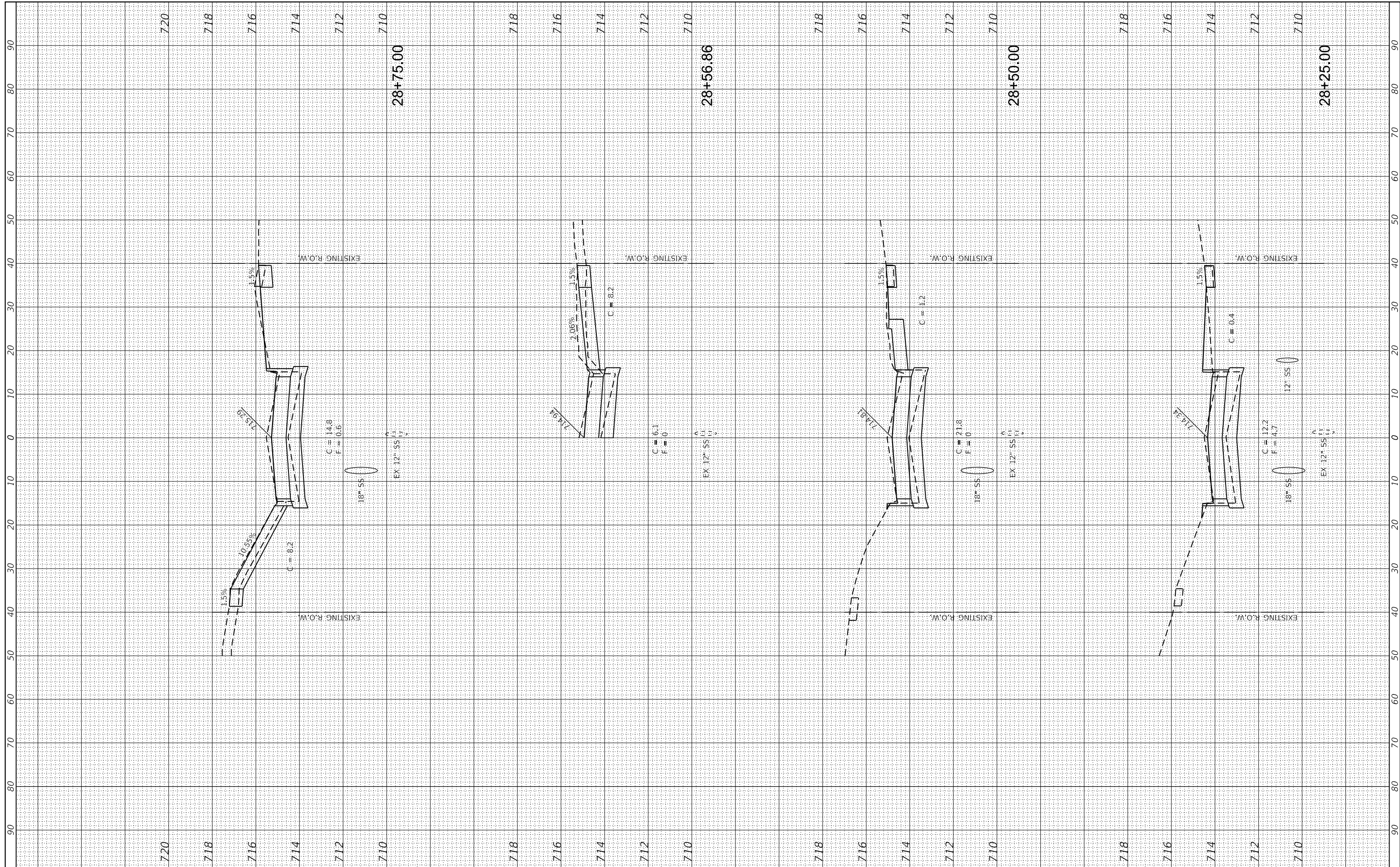
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 27+32.26 TO STA. 27+94.06

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	44

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000 ' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
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 REVISED -

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 123 North 15th Street Mattoon, Illinois 61938  
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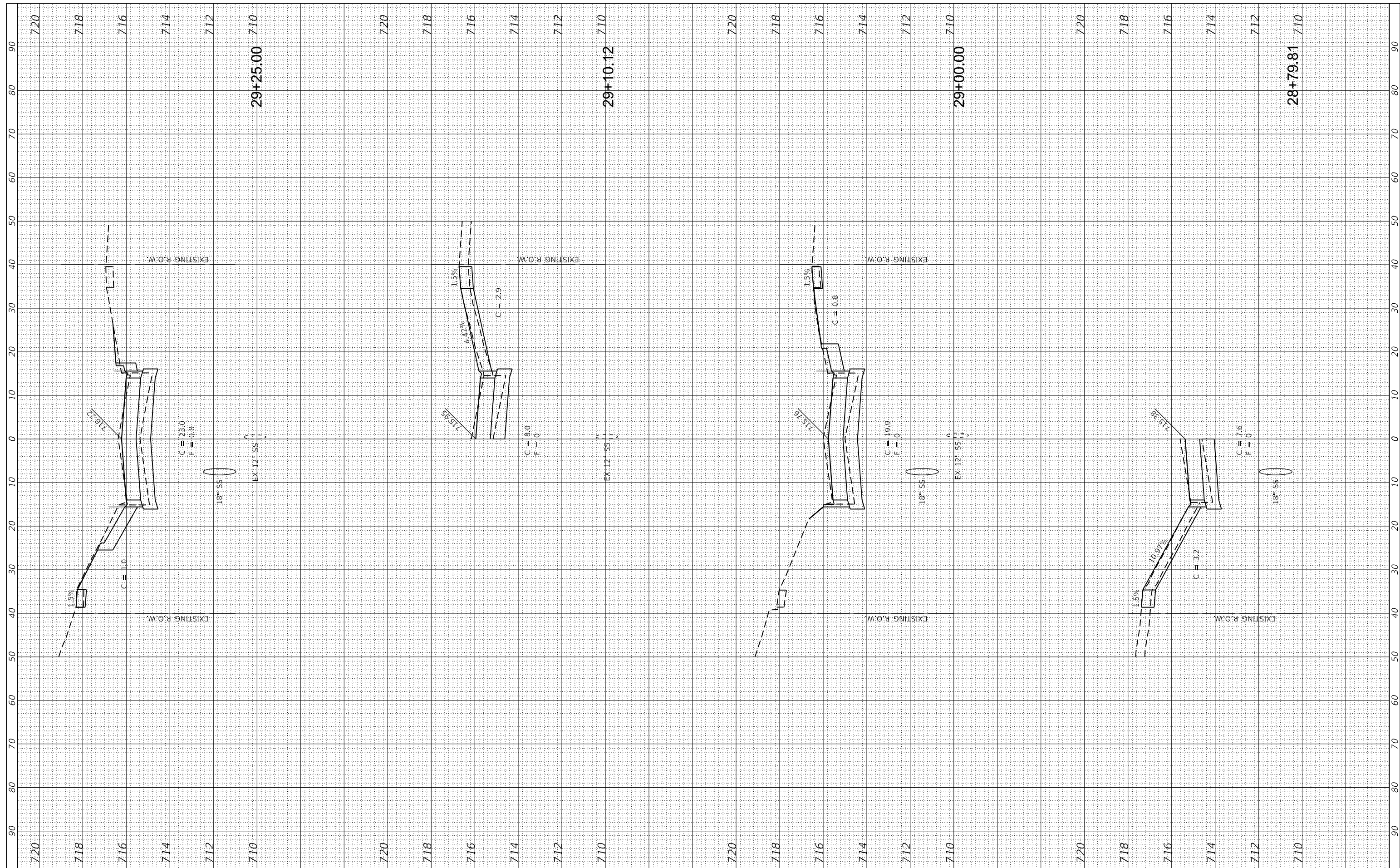
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 28+25.00 TO STA. 28+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	45

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	



FILE NAME =	USER NAME = Stc34	DESIGNED - ALB	REVISED -
P:\Civil\Mattoon\Marshall Ave Phase II\CAD_Sheets\Marshall-PH2-sht-xxsht.dgn		DRAWN - SAE	REVISED -
Contract # 95829	PLOT SCALE = 20.0000' / in.	CHECKED - MED	REVISED -
*MODELNAME*	PLOT DATE = 1/9/2018	DATE - JAN. 9, 2018	REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938

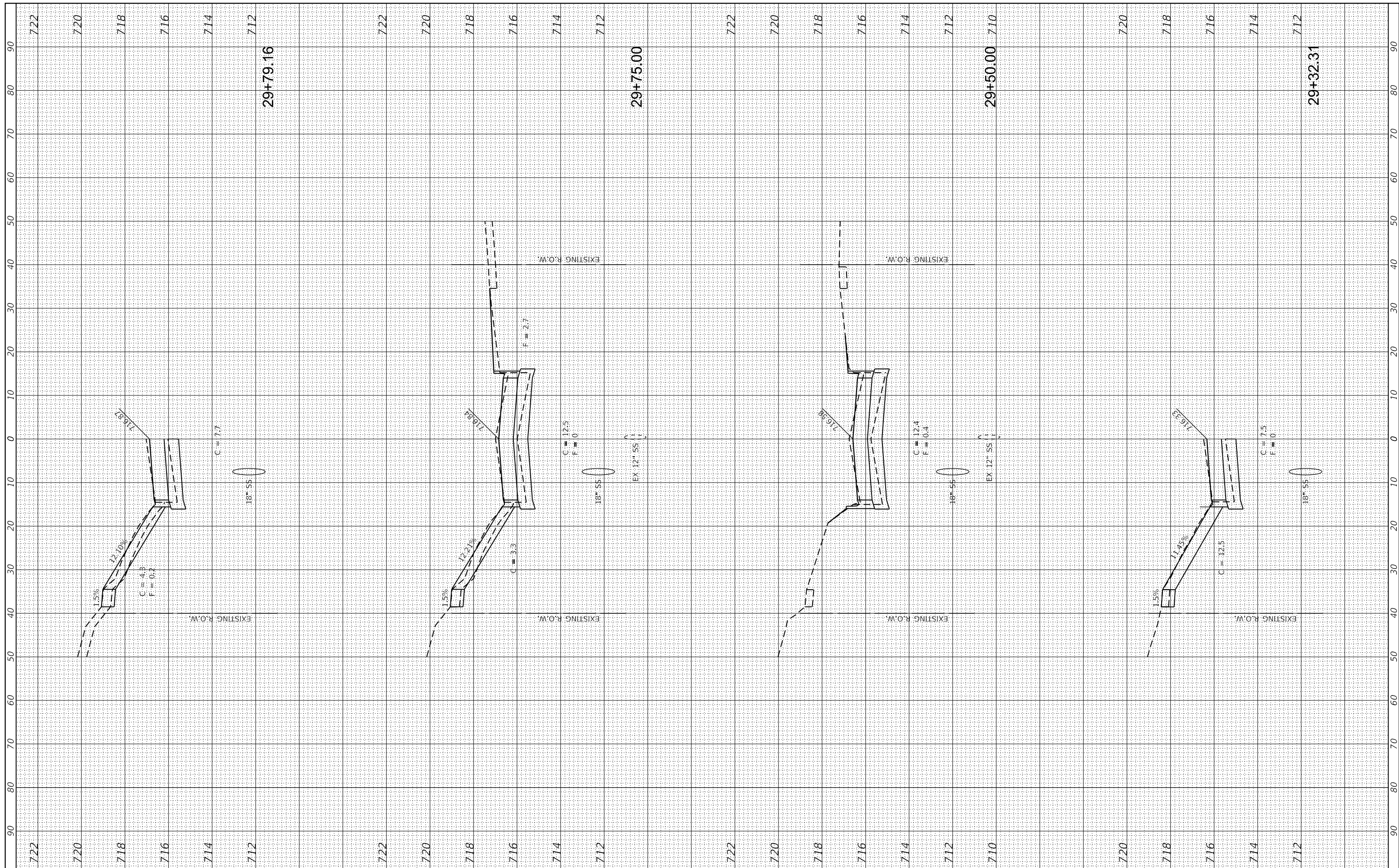
**MARSHALL AVENUE CROSS SECTIONS**

SCALE:	PROJECT: 3115113-02	STA. 28+79.81 TO STA. 29+25.00
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TOTAL SHEETS	SHEET NO.
60	46

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	
AREAS CHECKED	AREAS CHECKED	



FILE NAME =  
 P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 Contract # 95892  
 \*MODELNAME\*

USER NAME = Ste34  
 DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN, 9, 2018

REVISED -  
 REVISED -  
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 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

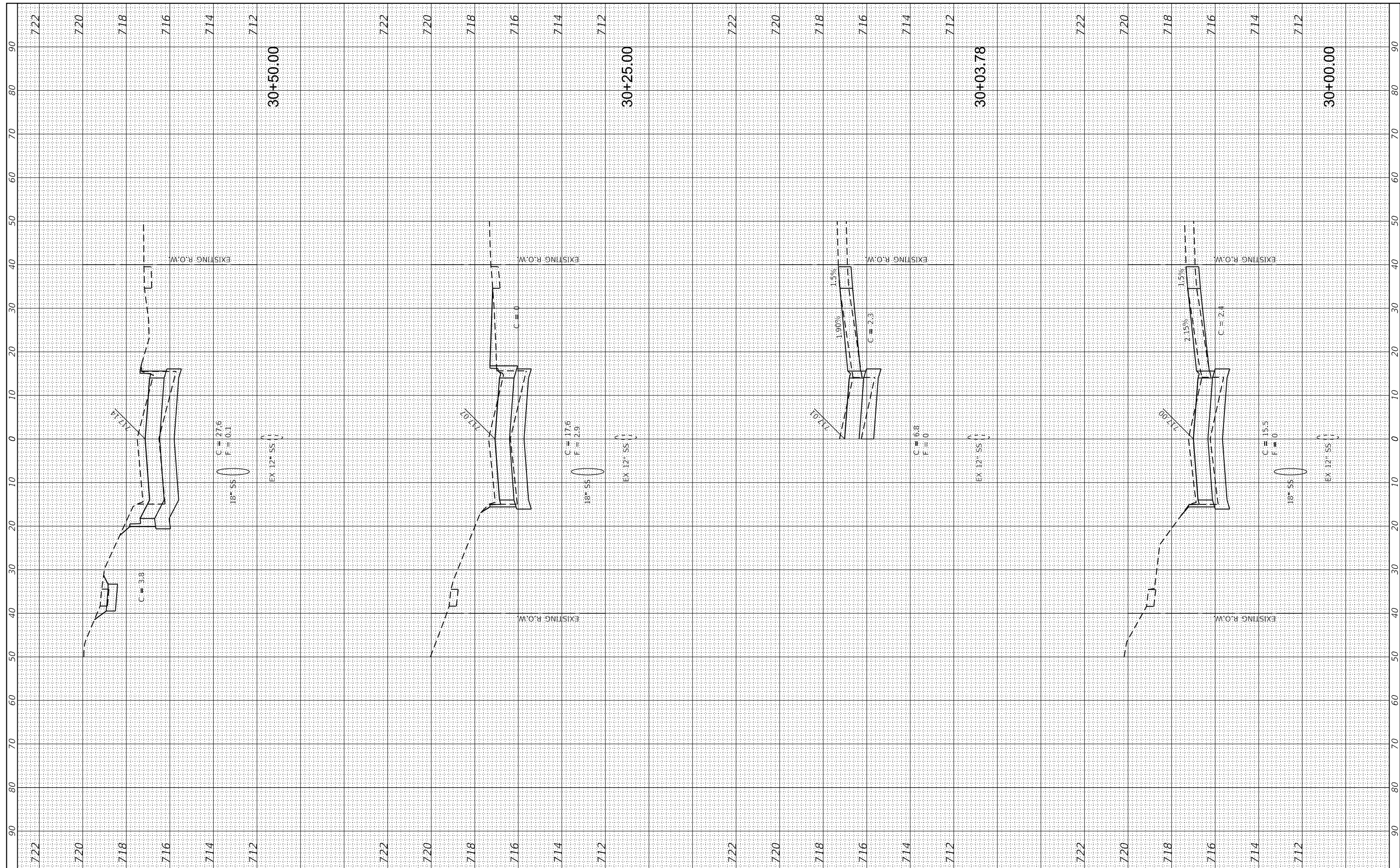
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 29+32.31 TO STA. 29+79.16

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	47

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =  
 P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xssht.dgn  
 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN, 9, 2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 30+00.00 TO STA. 30+50.00

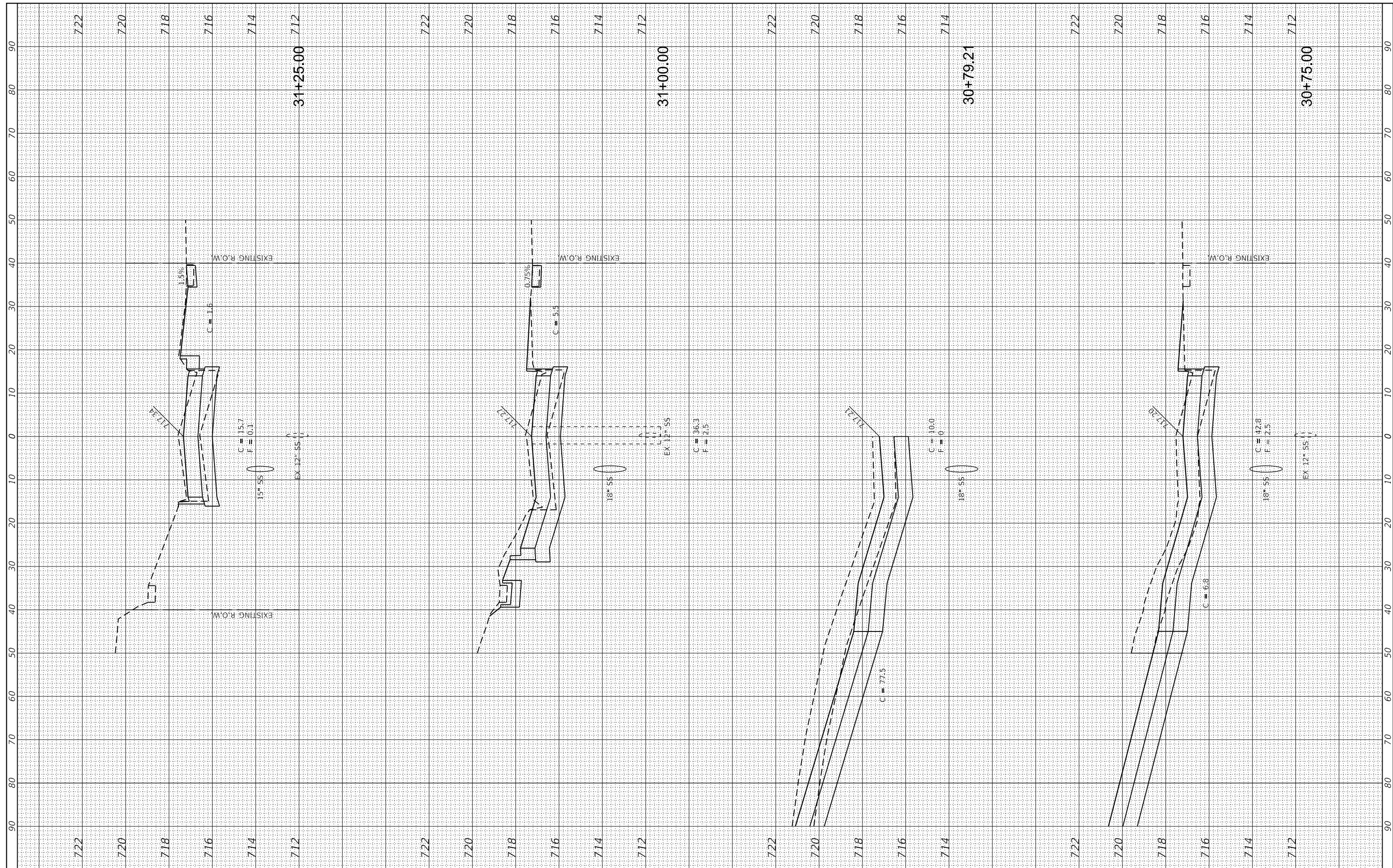
**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	48



FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED	



FILE NAME =  
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 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
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 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

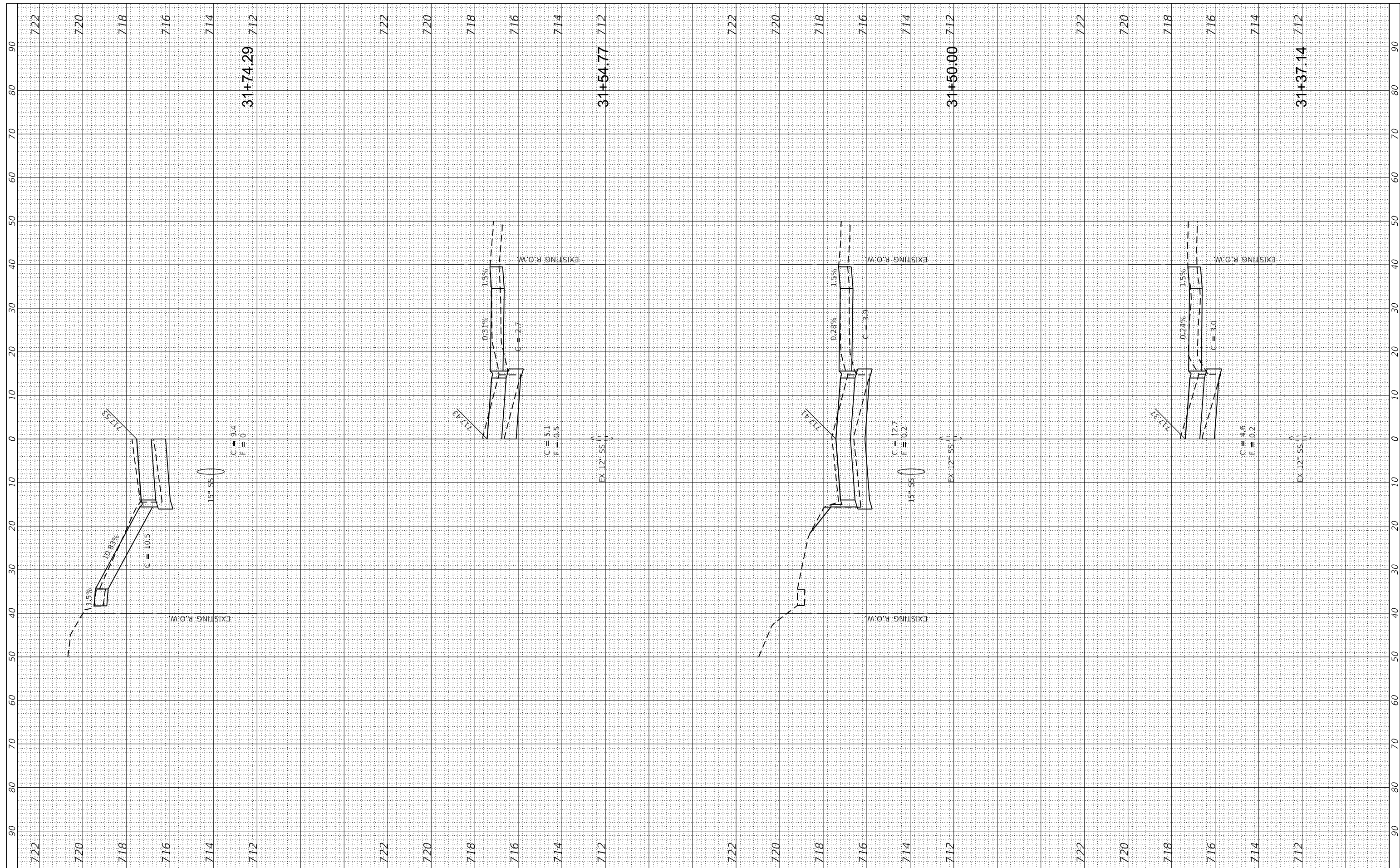
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 30+75.00 TO STA. 31+25.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	49

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



FILE NAME =  
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 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
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 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
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**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

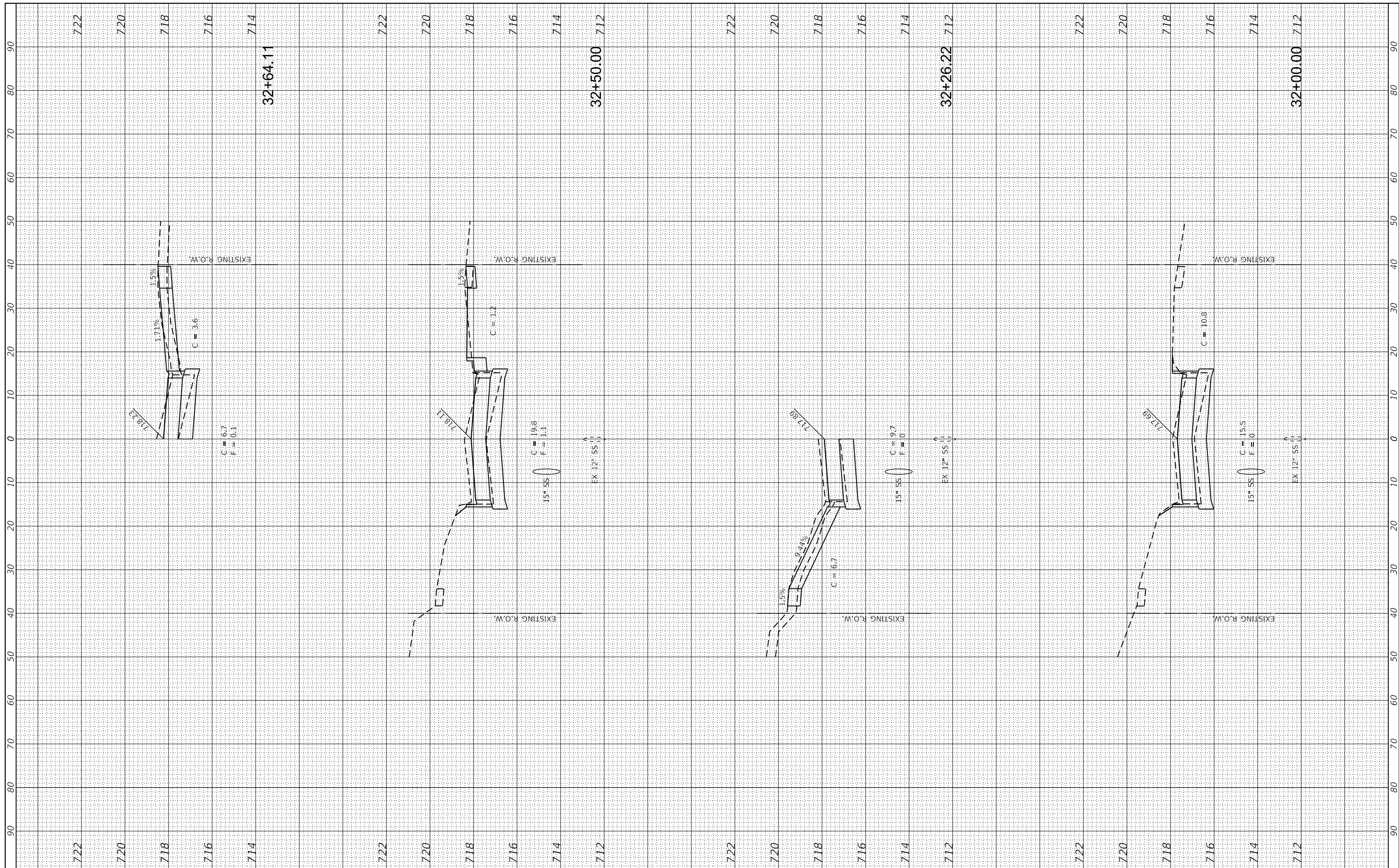
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 31+37.14 TO STA. 31+74.29

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	50

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 USER NAME = Ste34  
 DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN, 9, 2018  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

Contract # 95829

REVISIONS  
 REVISED -  
 REVISED -  
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 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
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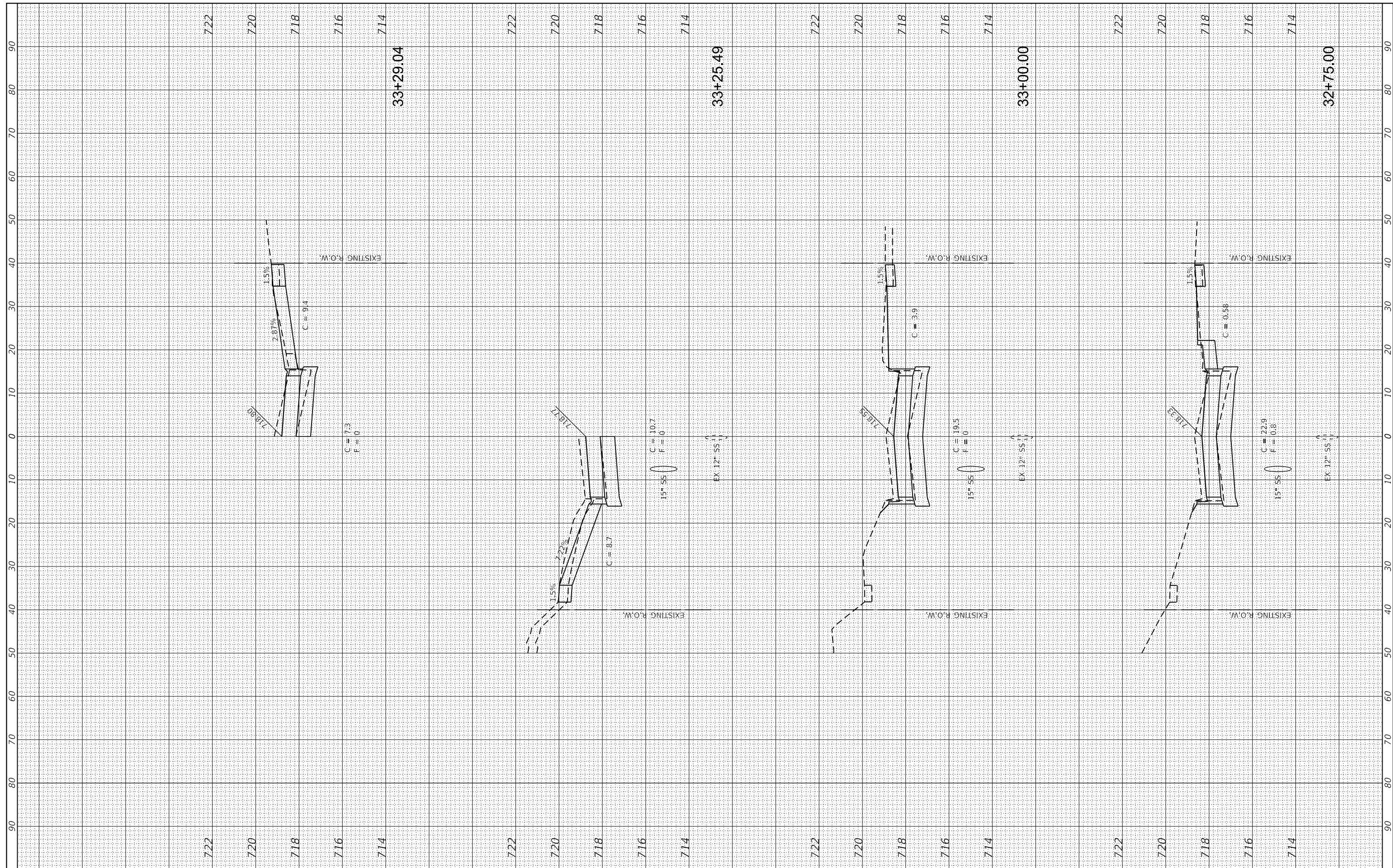
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 32+00.00 TO STA. 32+64.11

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	51

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE AREAS CHECKED		



FILE NAME =  
 P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN, 9, 2018

REVISED -  
 REVISED -  
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 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
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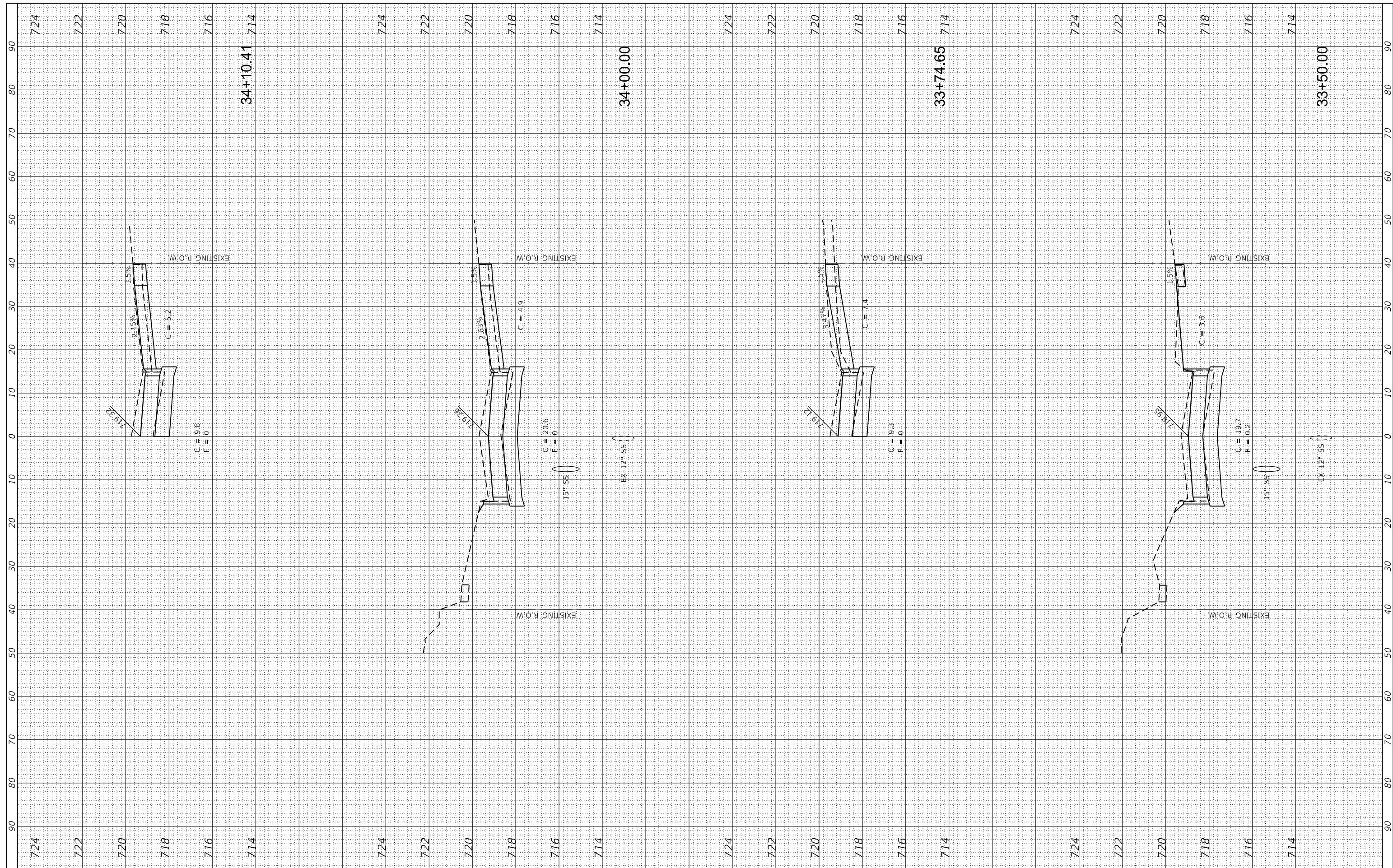
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 32+75.00 TO STA. 33+29.04

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	52

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 Contract # 95829

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 REVISED -

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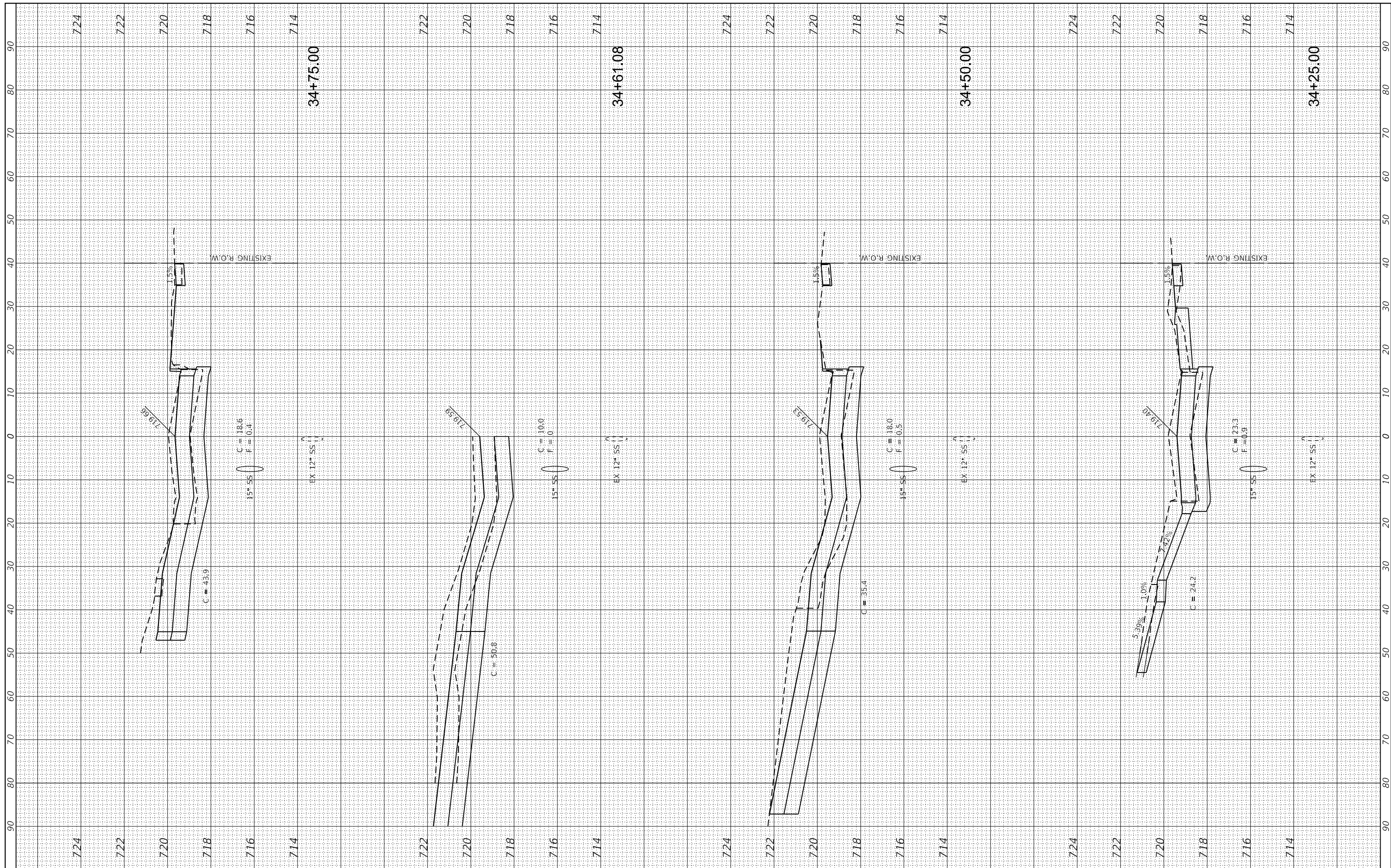
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 33+50.00 TO STA. 34+10.41

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	53

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
 USER NAME = Ste34  
 DESIGNED - ALB  
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REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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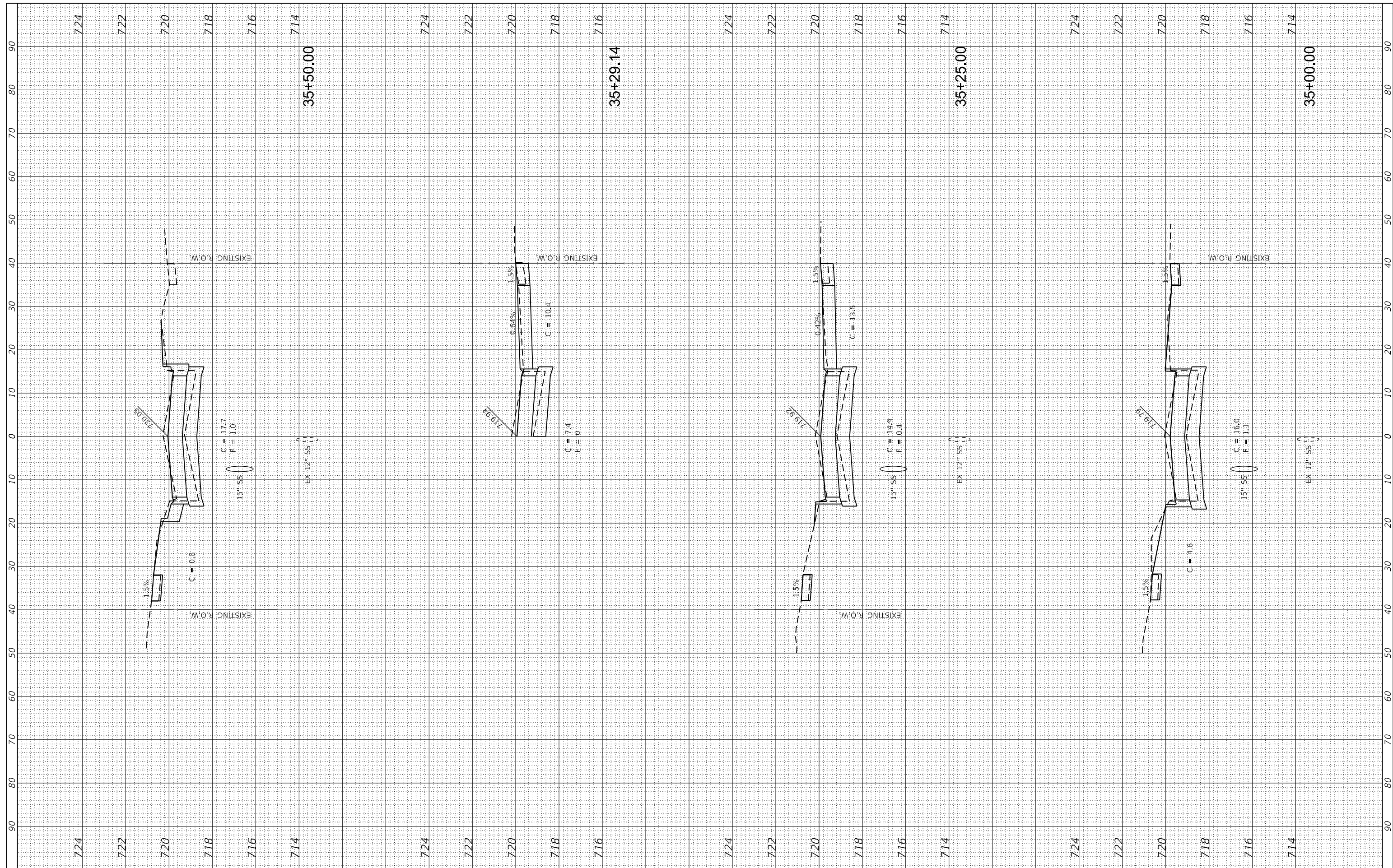
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 34+25.00 TO STA. 34+75.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	54

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = P:\Civil\Mattoon\Marshall Ave Phase II\CAD\_Sheets\Marshall-PH2-sht-xxsht.dgn  
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 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

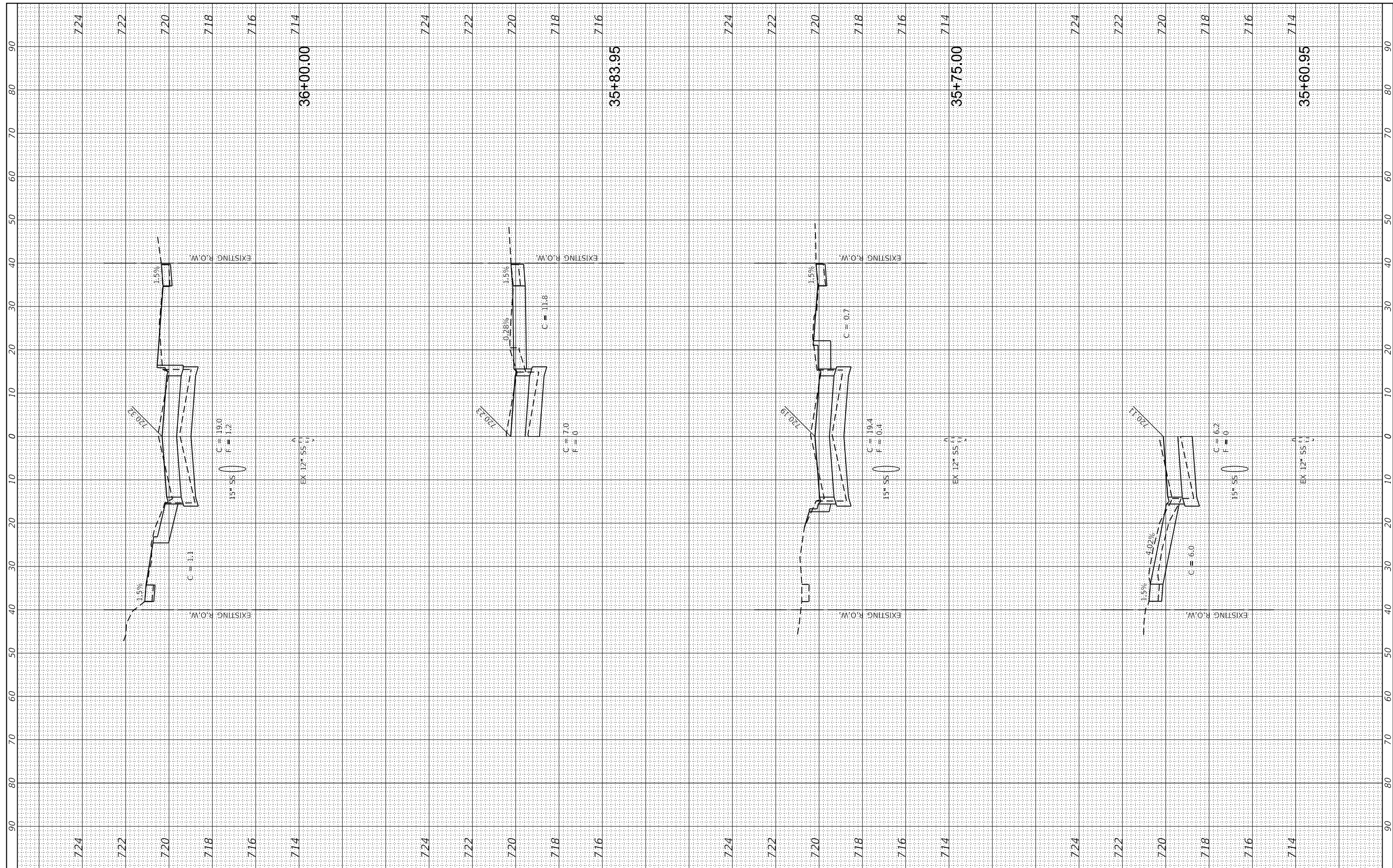
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 35+00.00 TO STA. 35+50.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	55

BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED



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 Contract # 95829

USER NAME = Ste34  
 DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN, 9, 2018

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
 Professional Design Firm Corporation License No. 184-003401

**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 35+60.95 TO STA. 36+00.00

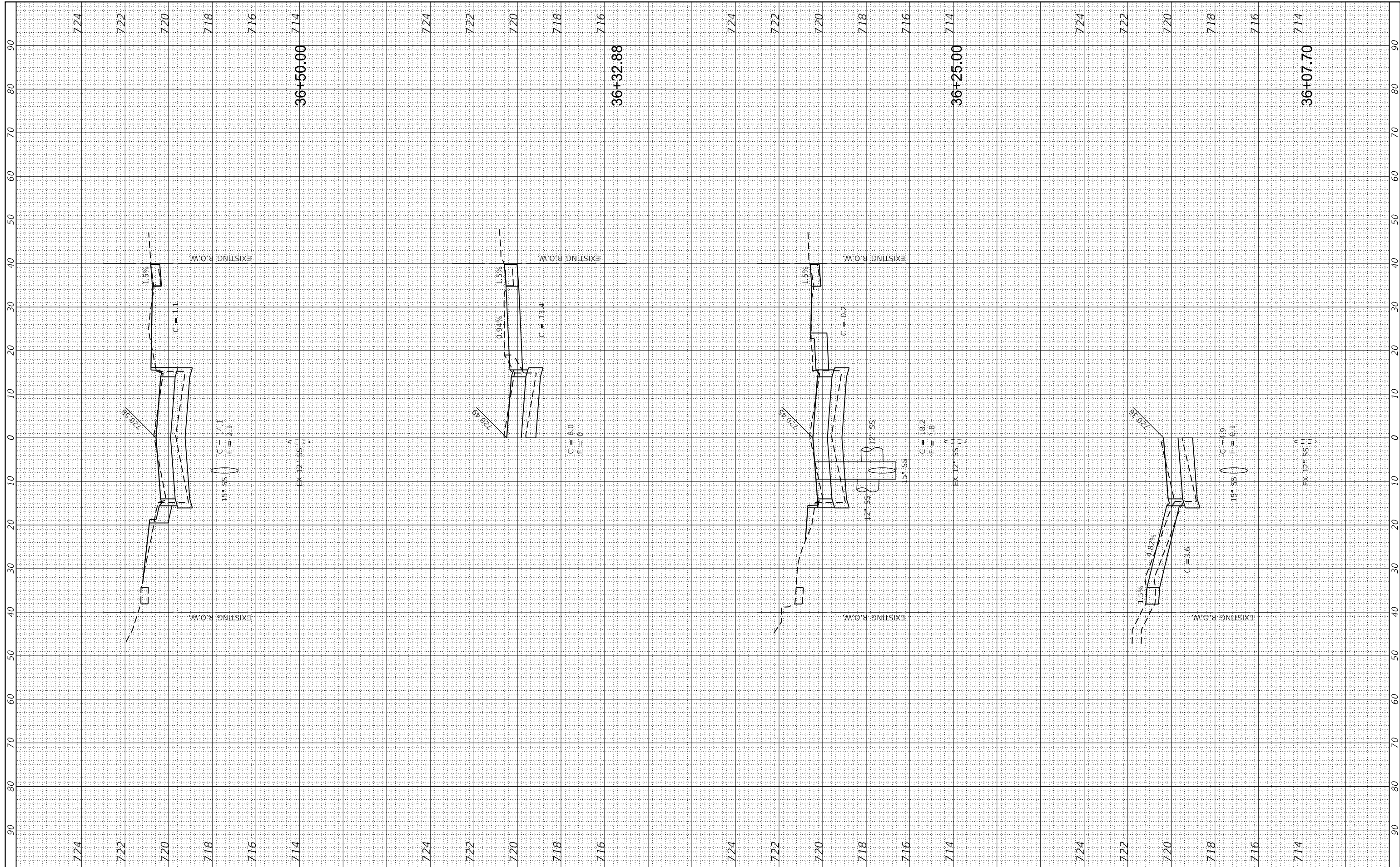
**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	56



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 Contract # 95829

USER NAME = Ste34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
 REVISED -  
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 REVISED -

**The Upchurch Group**  
 123 North 15th Street Mattoon, Illinois 61938  
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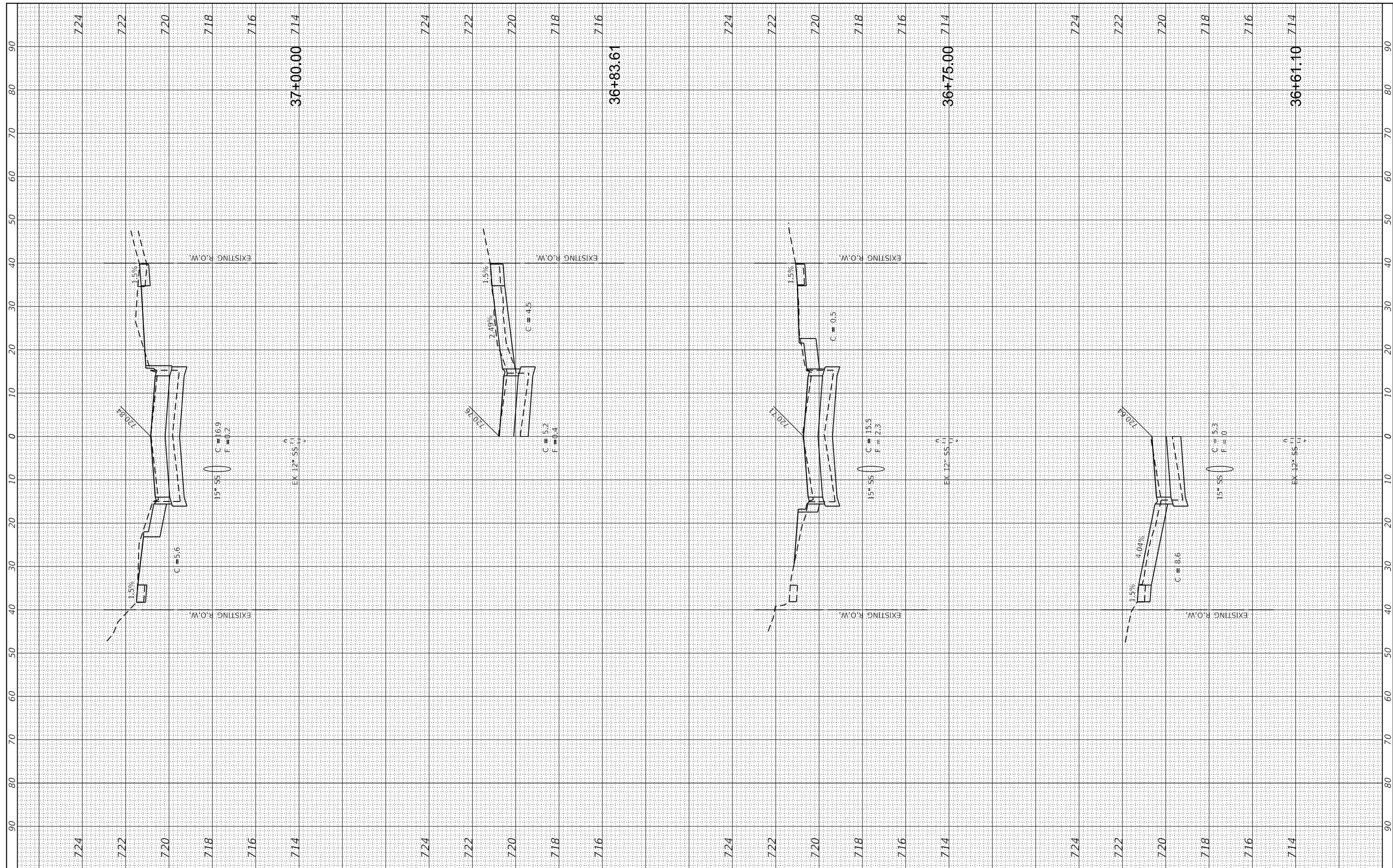
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 36+07.70 TO STA. 36+50.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	57

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
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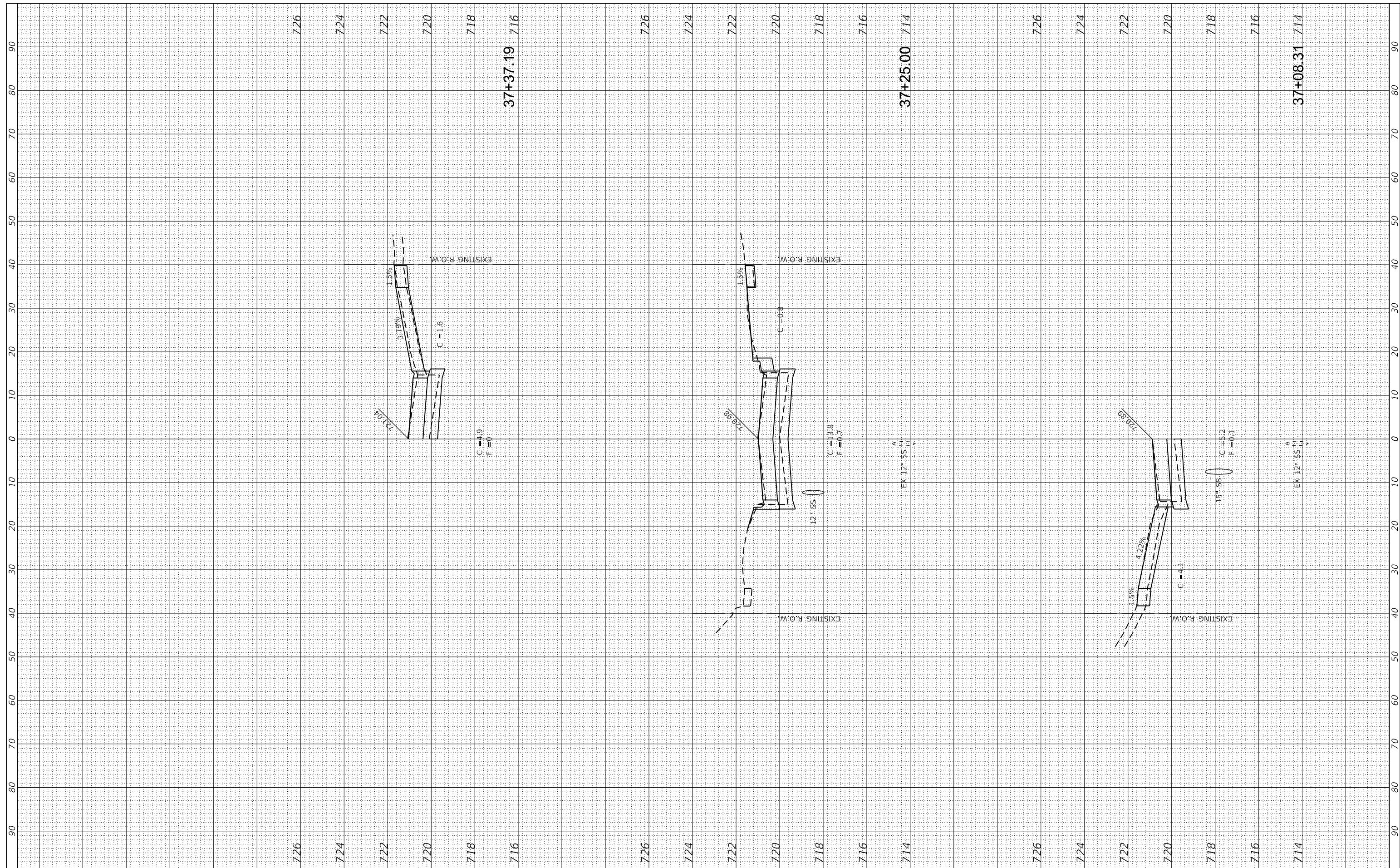
**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 36+61.10 TO STA. 37+00.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	58

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



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 Contract # 95829

USER NAME = Sto34  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018

DESIGNED - ALB  
 DRAWN - SAE  
 CHECKED - MED  
 DATE - JAN. 9, 2018

REVISED -  
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**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
 9TH STREET TO 14TH STREET  
 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 37+08.31 TO STA. 37+37.19

**MARSHALL AVENUE CROSS SECTIONS**

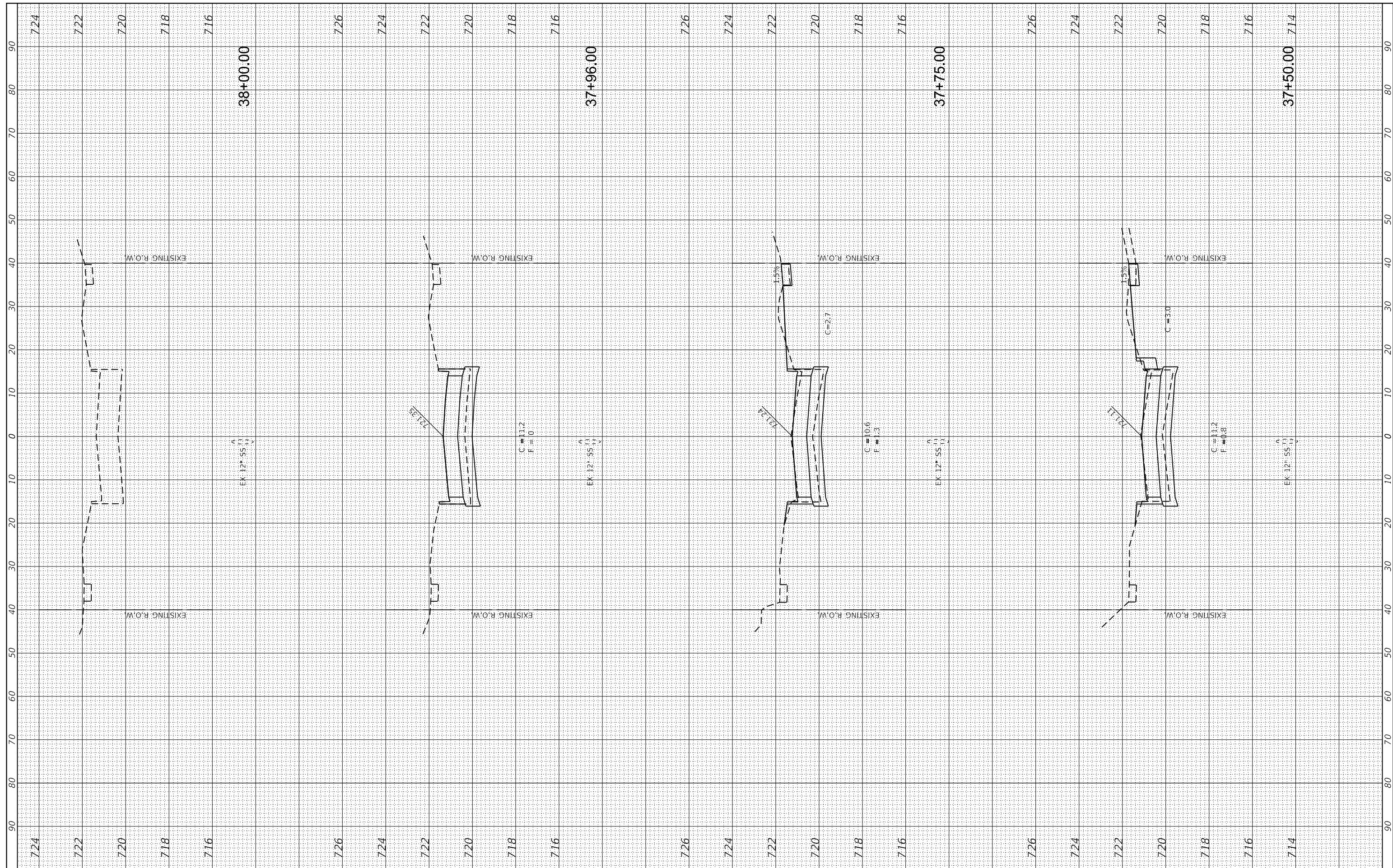
TOTAL SHEETS	SHEET NO.
60	59

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

726

726



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 CHECKED - MED  
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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 1/9/2018  
 Contract # 95829

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**MARSHALL AVENUE RECONSTRUCTION - PHASE 2**  
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 CITY OF MATTOON, ILLINOIS 61938  
 SCALE: PROJECT: 3115113-02 STA. 37+50.00 TO STA. 38+00.00

**MARSHALL AVENUE CROSS SECTIONS**

TOTAL SHEETS	SHEET NO.
60	60