

TENN.	YEAR	SHEET NO.
	2017	C1
FED. AID PROJ. NO.	STP-9109(173)	
STATE PROJ. NO.	47PLM-F3-092	

LOCALLY MANAGED PROJECT



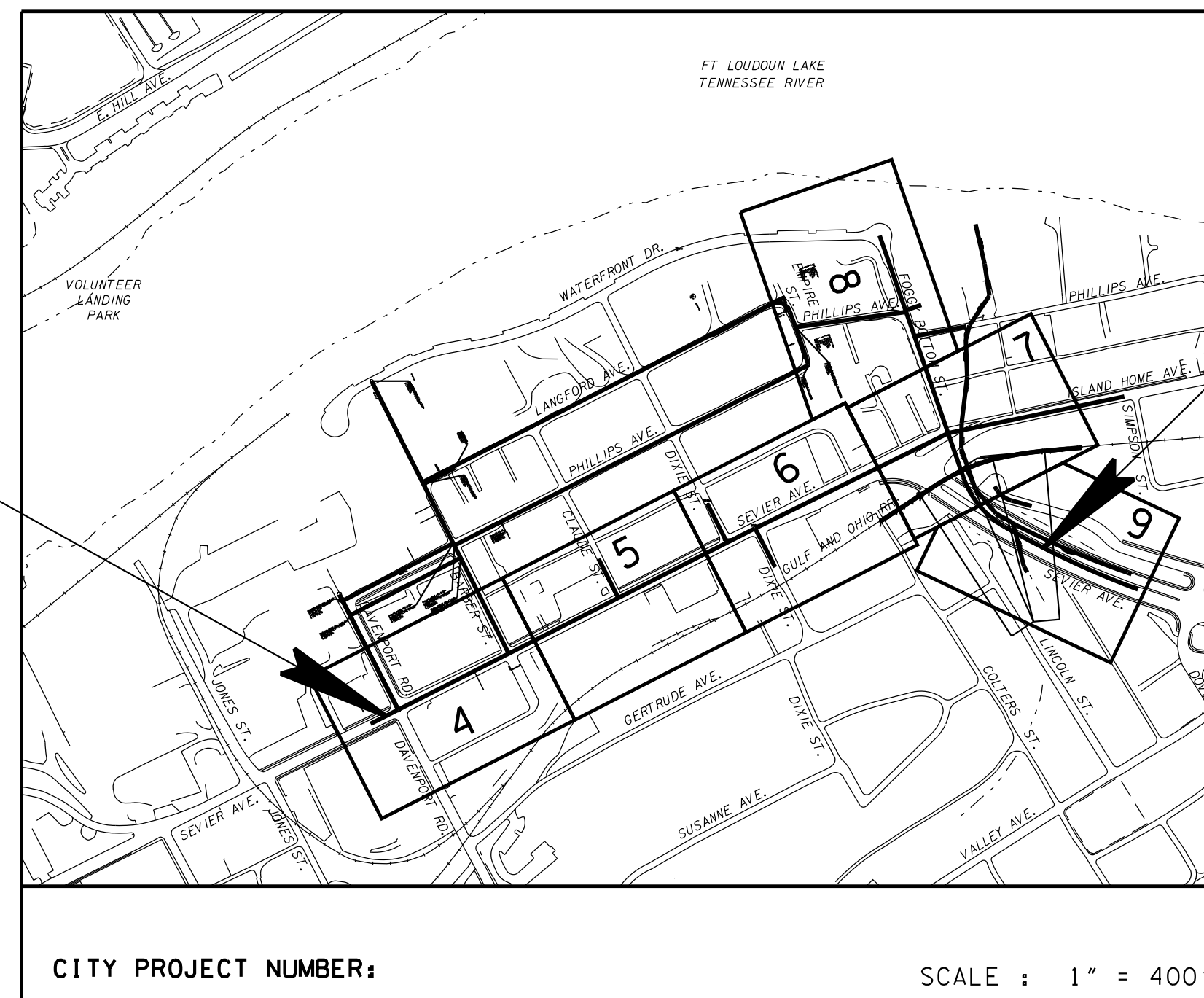
CITY OF KNOXVILLE
MADLINE ROGERO, MAYOR

SEVIER AVENUE ROADWAY IMPROVEMENTS

**R.O.W.
PLANS**

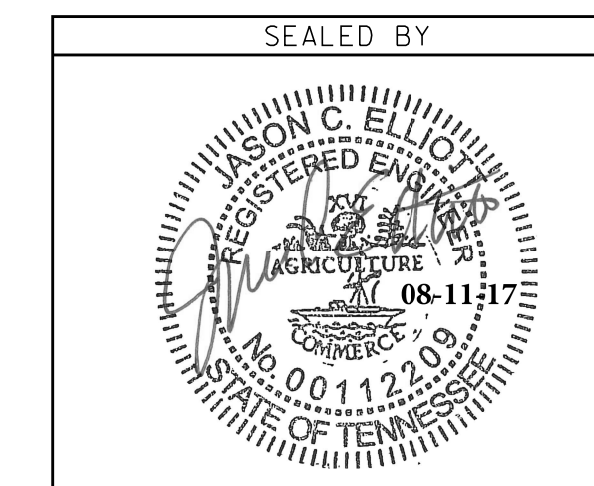
INDEX
(SEE SHEET C1A FOR INDEX OF SHEETS)

BEGIN FED. AID PROJ. STP-9109(173) (R.O.W.)
BEGIN STATE PROJ. 47PLM-F3-092 (R.O.W.)
STA. 6+24.00
N 598,023.7511
E 2,587,830.1699

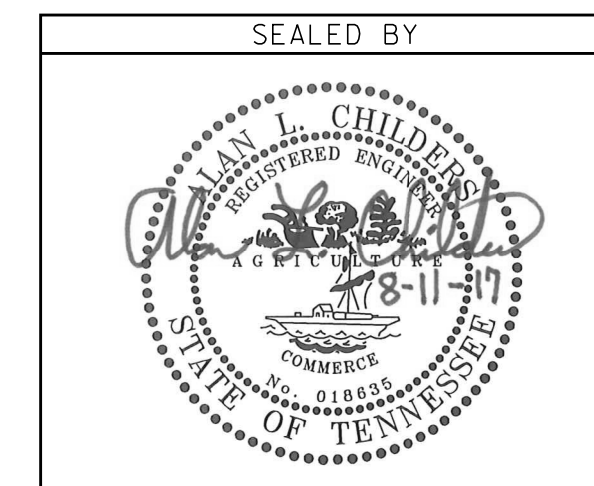


END FED. AID PROJ. STP-9109(173) (R.O.W.)
END STATE PROJ. 47PLM-F3-092 (R.O.W.)
STA. 28+72.11
N 598,504.0137
E 2,589,711.1804

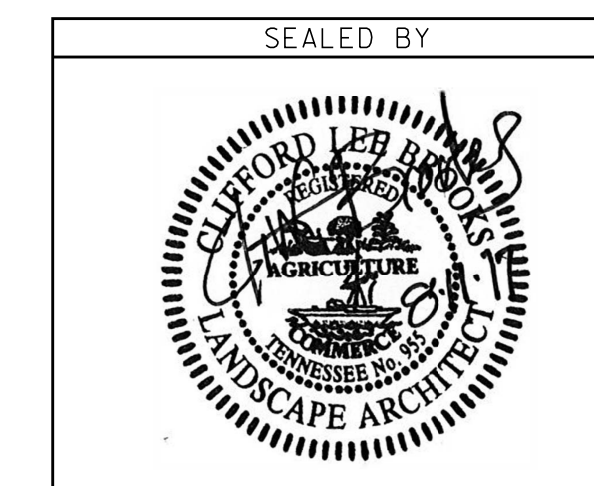
R.O.W. PROJECT LENGTH = 0.426 MILES



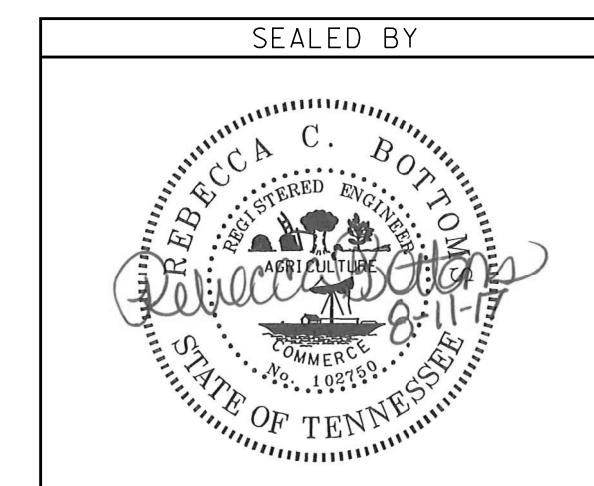
CIVIL



SIGNAL



LANDSCAPE



LIGHTING

SPECIAL NOTE

PROPOSALS MAY BE REJECTED BY THE CITY OF KNOXVILLE IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

PIN NO. 109677.00

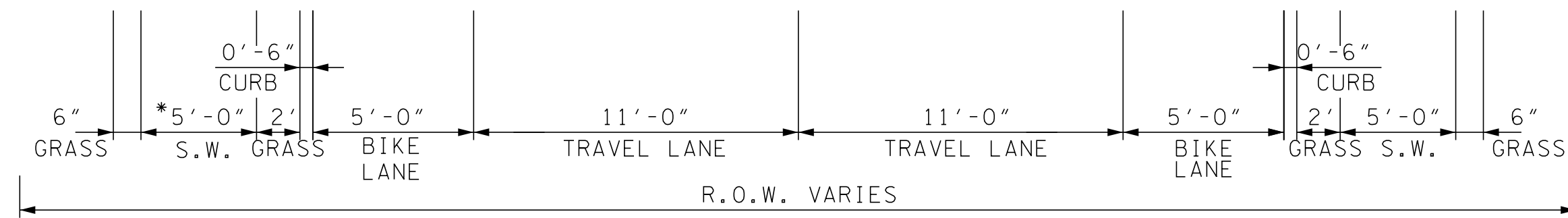
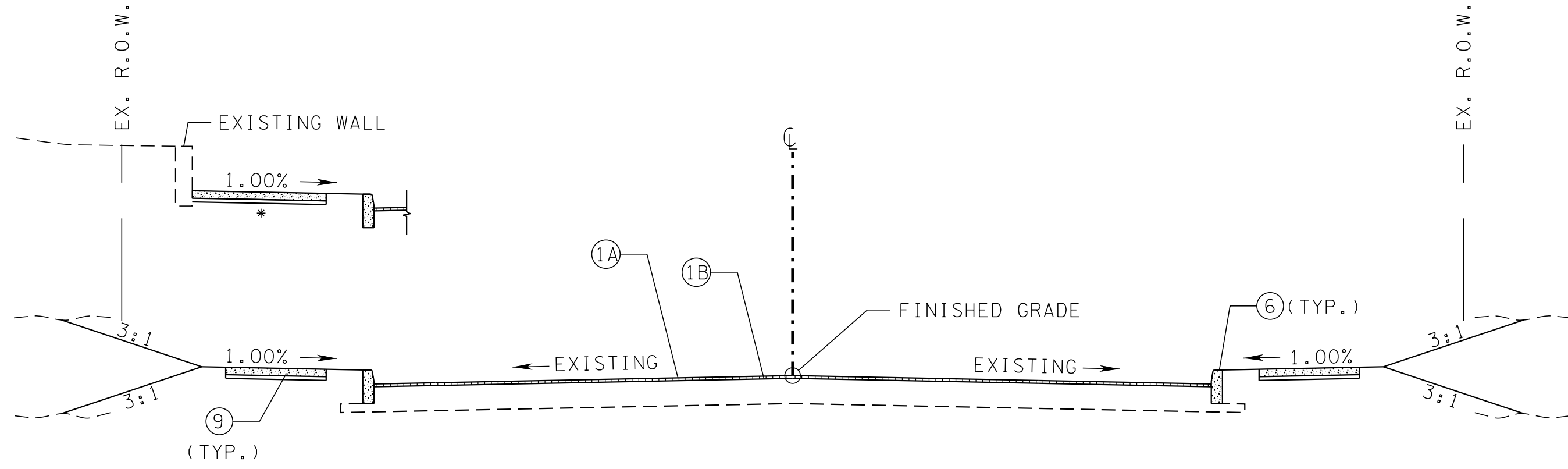
AUGUST 11, 2017

CITY OF KNOXVILLE
OFFICE OF REDEVELOPMENT
CITY-COUNTY BUILDING
400 MAIN STREET, SUITE 655
KNOXVILLE, TENNESSEE 37902

TRAFFIC DATA	
ADT (2015)	5,052
ADT (2035)	6,820
DHV (2035)	533
D	55 - 45
T (ADT)	3 %
T (DHV)	2 %
V	35 MPH

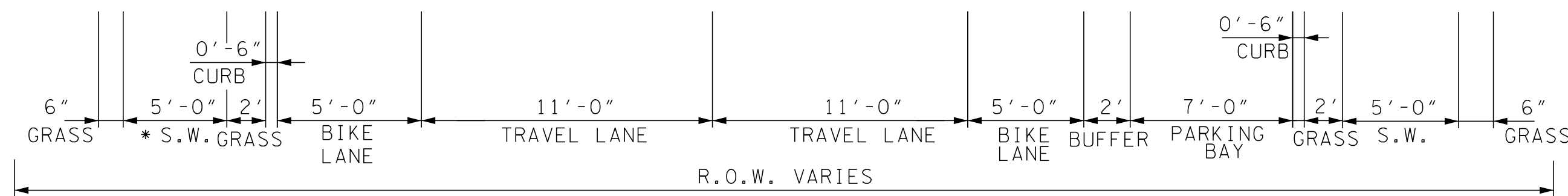
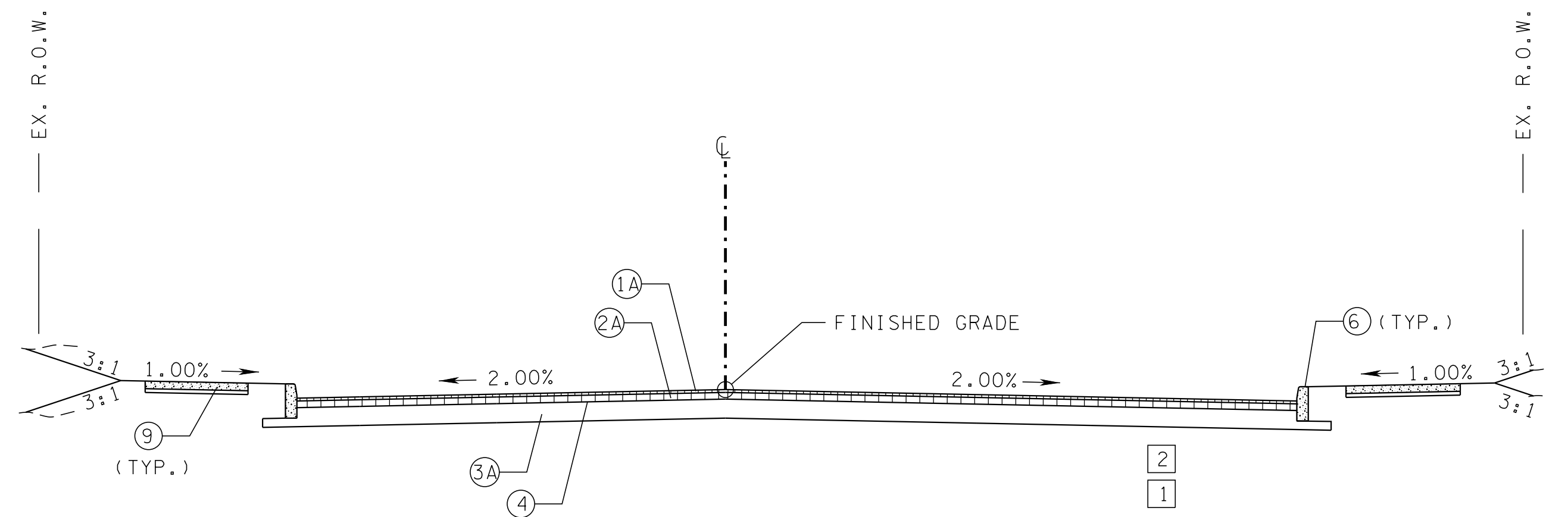


1909 AILOR AVENUE
KNOXVILLE, TENNESSEE 37921
PHONE: (865) 564-5800
KENTUCKY - TENNESSEE - NORTH CAROLINA -
SOUTH CAROLINA - GEORGIA



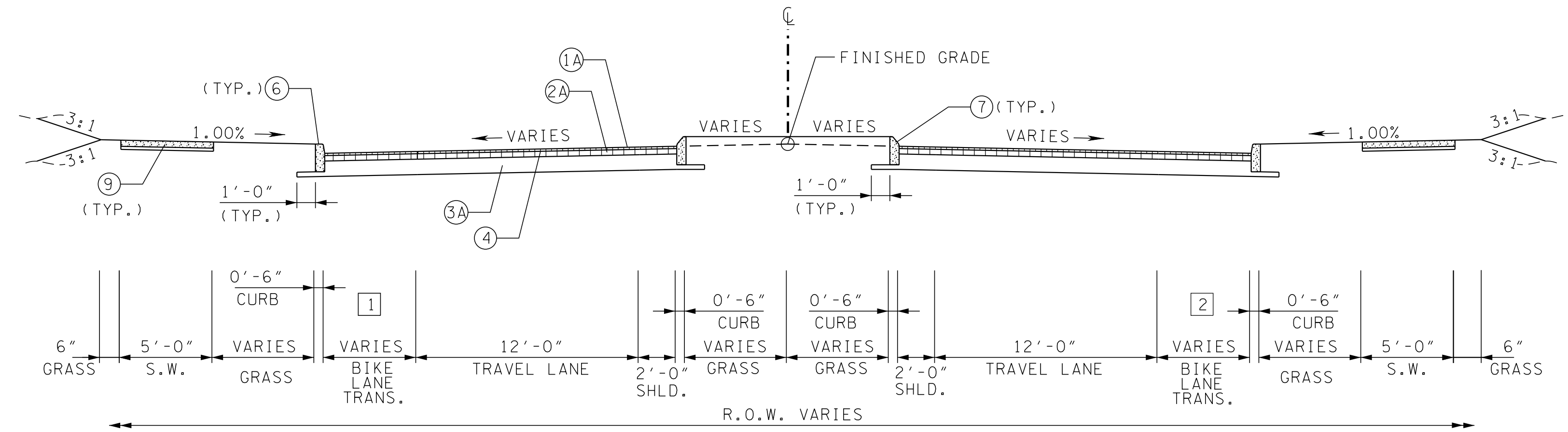
**SEVIER AVENUE EAST/WEST LOOKING EAST
FROM DAVENPORT ROAD TO DIXIE STREET**
FROM STA. 6+42.00 TO STA. 17+65.00

* SIDEWALK AT EXISTING WALL VARIES IN WIDTH, STA. 13+90.57 TO STA. 15+91.05 LEFT.



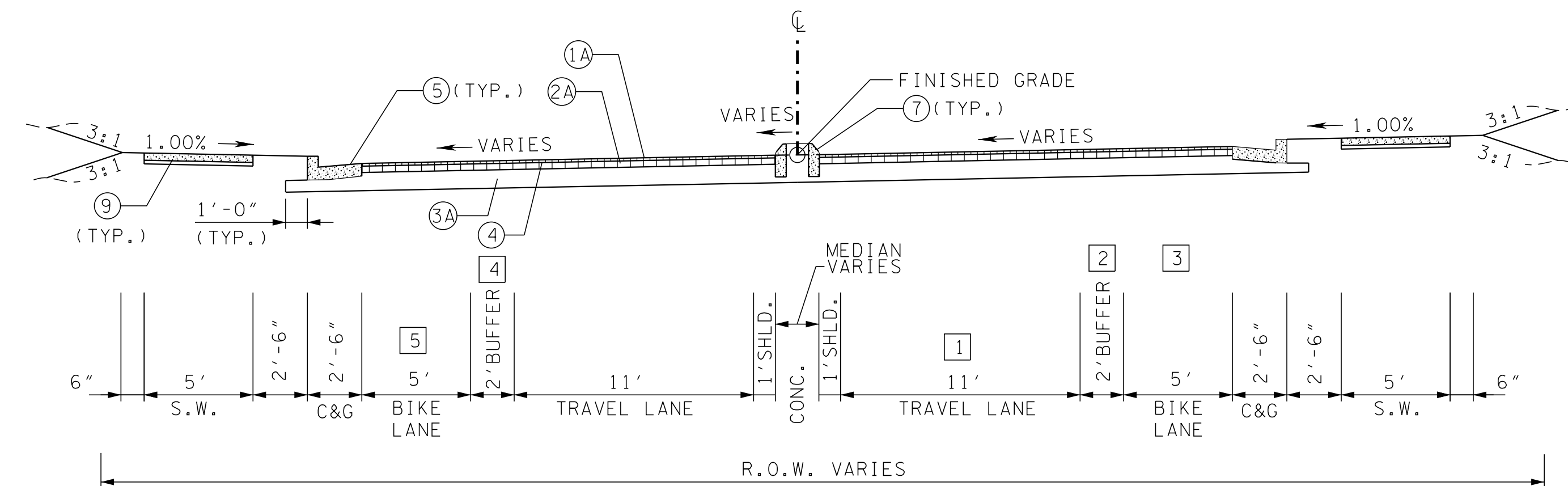
**SEVIER AVENUE EAST/WEST LOOKING EAST
FROM DIXIE STREET TO FOGGY BOTTOM STREET**
(SEE PROP. LAYOUT FOR ROUNDABOUT)
FROM STA. 17+65.00 TO STA. 23+68.22

- 1 WITH PARKING BAY FROM:
STA. 18+50.73 RT. TO STA. 19+58.38 RT.
STA. 19+88.01 RT. TO STA. 20+95.74 RT.
STA. 21+80.64 RT. TO STA. 23+10.30 RT.
- 2 WITHOUT PARKING BAY, MIRROR IMAGE OF LEFT SIDE.



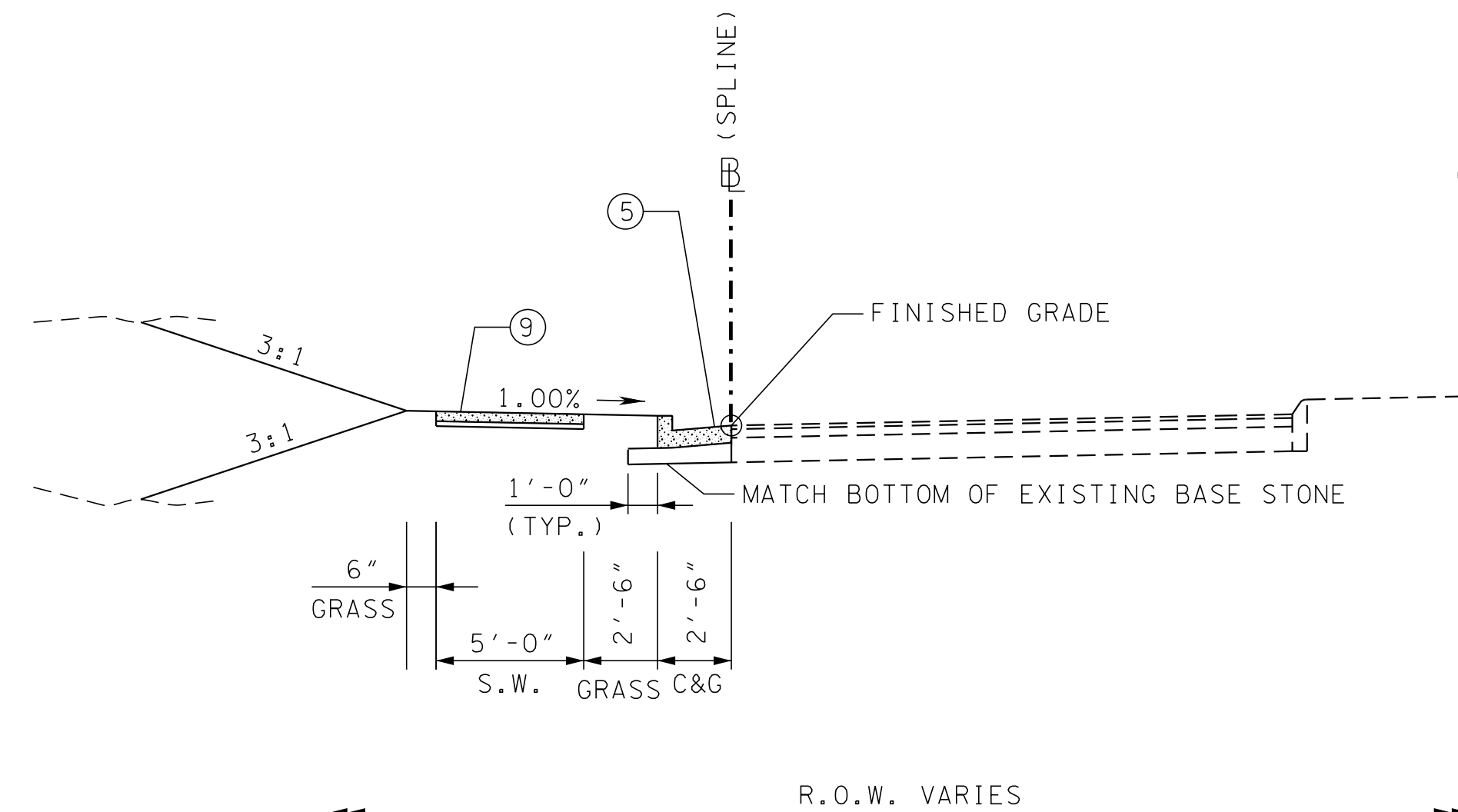
**SEVIER AVENUE NORTH/SOUTH LOOKING SOUTH
FROM ISLAND HOME AVENUE TO RAILROAD**
FROM STA. 24+78.22 TO STA. 25+32.86

- 1 VARIES FROM 5.0' AT STA. 24+90.23 TO 6'7" AT STA. 25+32.86.
- 2 VARIES FROM 5'0" AT STA. 24+90.97 TO 6'7" AT STA. 25+32.86.



SEVIER AVENUE NORTH/SOUTH LOOKING SOUTH
FROM STA. 25+42.86 TO STA. 29+29.17 (RIGHT SIDE)
FROM STA. 25+42.86 TO STA. 28+98.59 (LEFT SIDE)

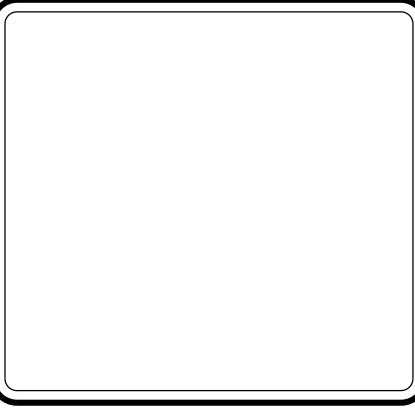
- 1 VARIES FROM 11'0" AT STA. 28+57.00 TO 14'7" AT STA. 29+29.17.
- 2 VARIES FROM 2'0" AT STA. 28+57.00 TO 6'0" AT STA. 29+56.60.
- 3 VARIES FROM 5'0" AT STA. 28+57.00 TO 6'3" AT STA. 29+56.60.
- 4 VARIES FROM 2'0" AT STA. 30+16.00 TO 6'0" AT STA. 31+22.02.
- 5 VARIES FROM 5'0" AT STA. 30+16.00 TO 6'6" AT STA. 31+22.02.



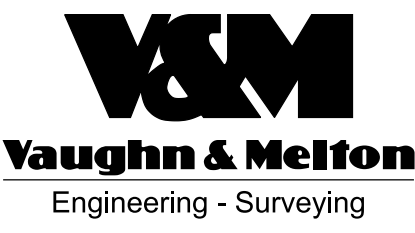
NOTE: C&G CONST. ENDS AT STA. 31+21.89 AND
5' S.W. CONST. ENDS AT STA. 31+33.38

SEVIER AVENUE NORTH/SOUTH LOOKING SOUTH
FROM STA. 28+17.90 TO STA. 31+33.38
(SPLINE BL STA. 28+16.63 TO STA. 31+29.68)

NO.	DATE	DESCRIPTION



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



KENTUCKY
606-248-6600

TENNESSEE
865-546-5800

NORTH CAROLINA
828-253-2796

SOUTH CAROLINA
864-574-4775

GEORGIA
770-627-3590

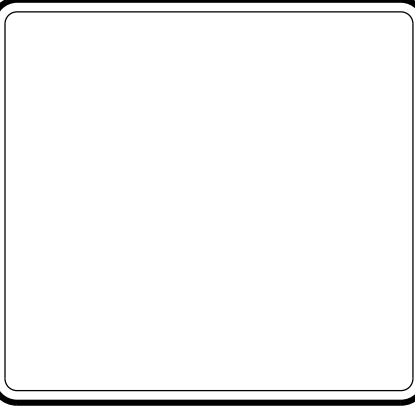
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DRAWN: M.D.G.
CHECKED: J.C.E.
JOB NO: 051430-37
SCALE: N.T.S.
DATE: 08-11-2017
FILE NAME:
DRAWING TITLE: TYPICAL SECTIONS
DWG OF
DRAWING NO: C2

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NO.	DATE	DESCRIPTION



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



KENTUCKY
606-248-6600

TENNESSEE
865-546-5800

NORTH CAROLINA
828-253-2796

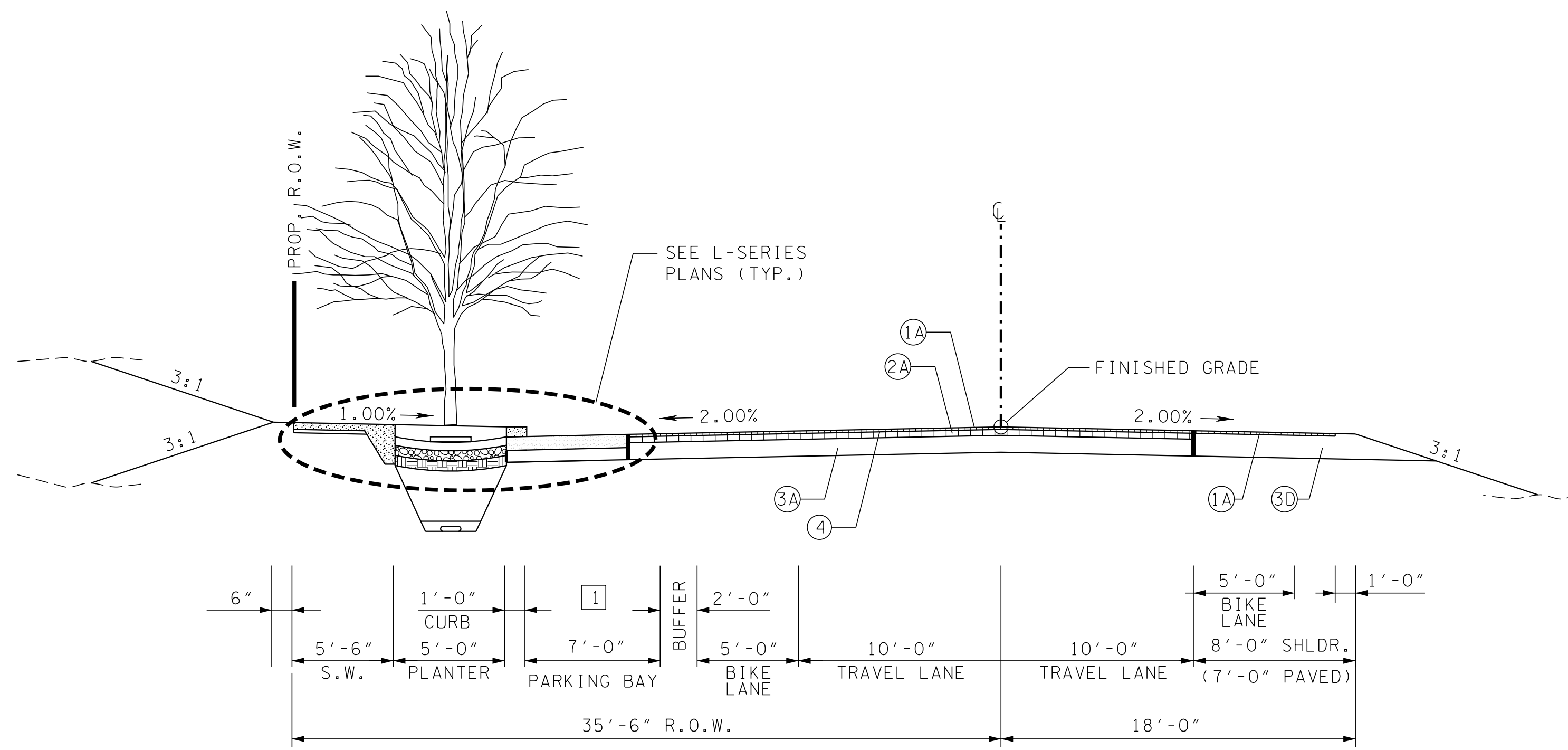
SOUTH CAROLINA
864-574-4775

GEORGIA
770-627-3590

www.vaughnmelton.com

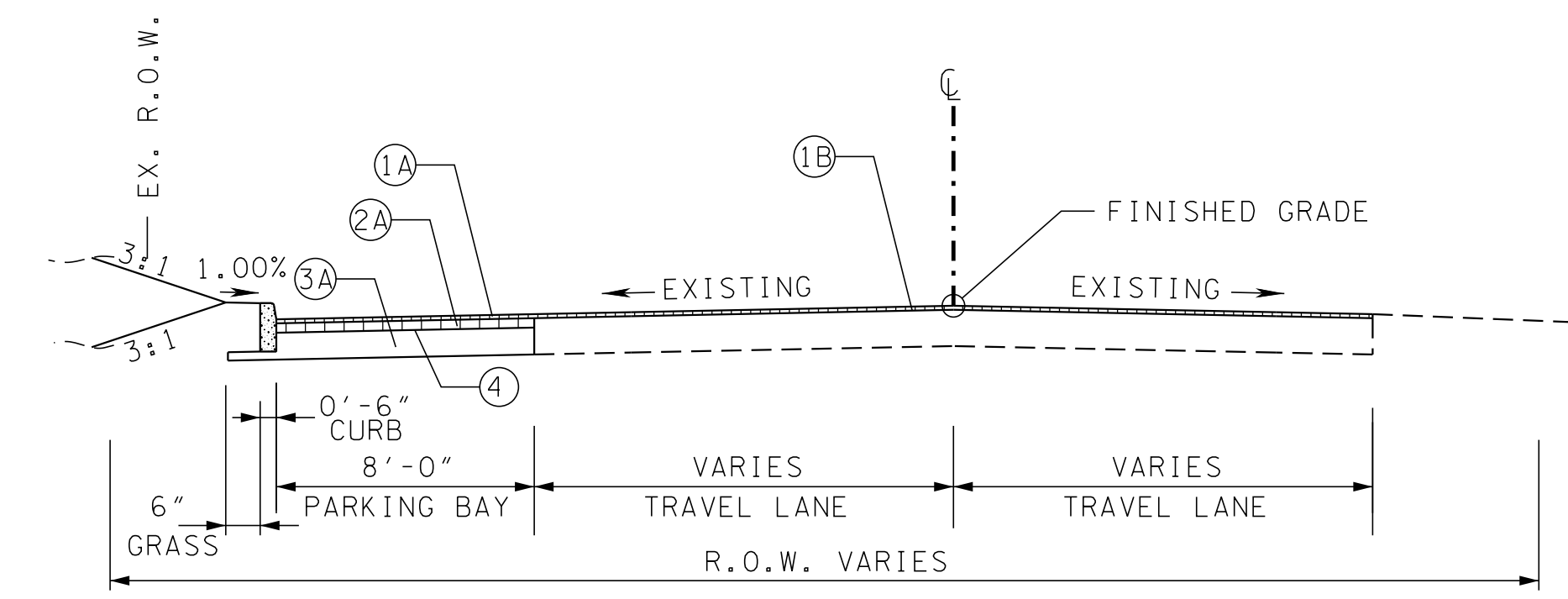
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JOB NO: 051430-37
SCALE: N.T.S.
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: TYPICAL SECTIONS
DWG OF
DRAWING NO: C2A



FOGGY BOTTOM STREET LOOKING SOUTH
FROM PHILLIPS AVENUE (1100 BLOCK) TO SEVIER AVENUE
FROM STA. 13+04.55 TO STA. 14+92.79

1 PARKING BAY FROM STA. 13+41.39 LT. TO STA. 14+93.05 LT.

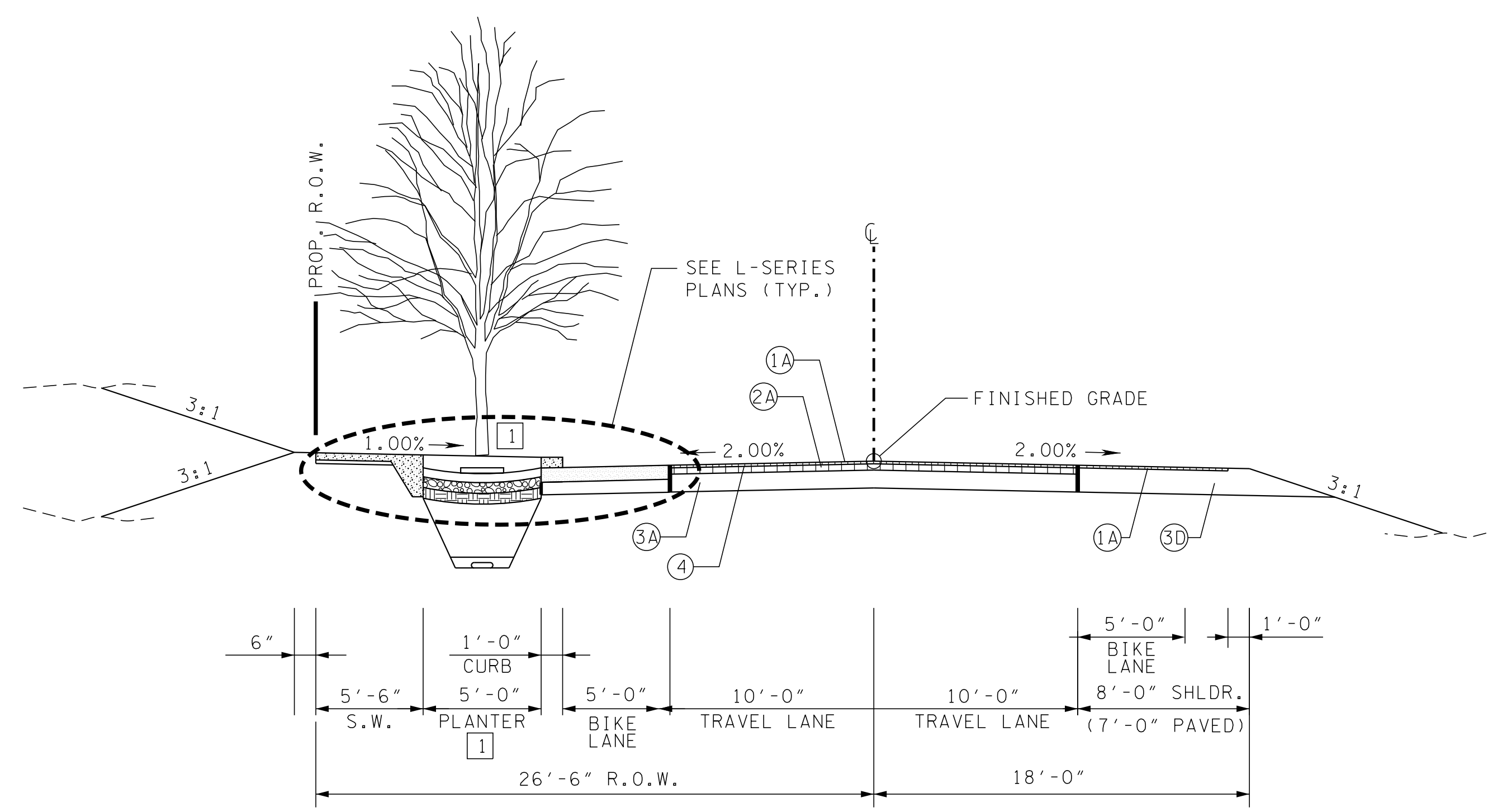


CLAUDE STREET
FROM STA. 9+04.00 TO STA. 9+59.00 1

DIXIE STREET LEFT
FROM STA. 9+00.00 TO STA. 9+58.00 2

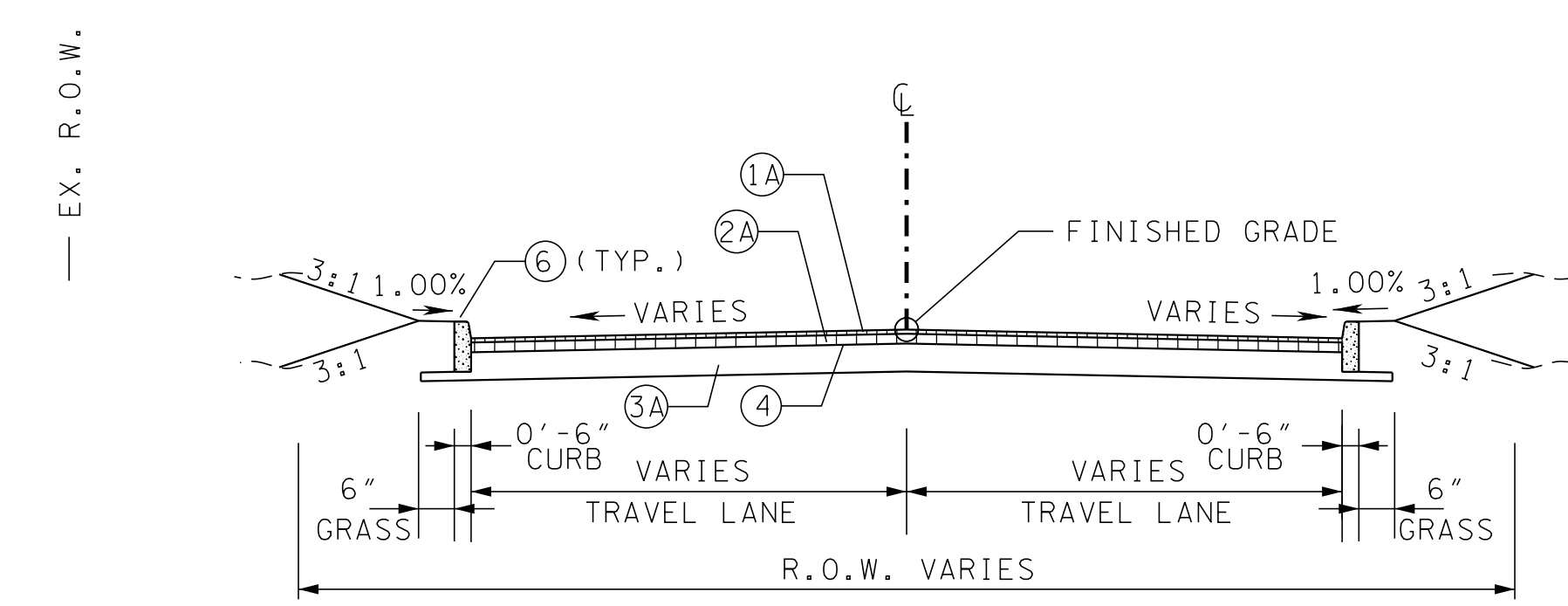
DIXIE STREET RIGHT
FROM STA. 10+42.00 TO STA. 11+00.00 2

1 PARKING BAY LEFT
2 PARKING BAY RIGHT,
MIRROR IMAGE OF TYPICAL.



FOGGY BOTTOM STREET LOOKING SOUTH
FROM WATERFRONT DRIVE TO PHILLIPS AVENUE (1100 BLOCK)
FROM STA. 10+72.00 TO STA. 13+04.55

1 PLANTER AREA LEFT EQUALS 16.33' FROM STA. 10+72.00 TO 11+23.36.
PLANTER AREA LEFT VARIES FROM 16.33' TO 5' FROM STA. 11+23.36 TO 11+82.54.



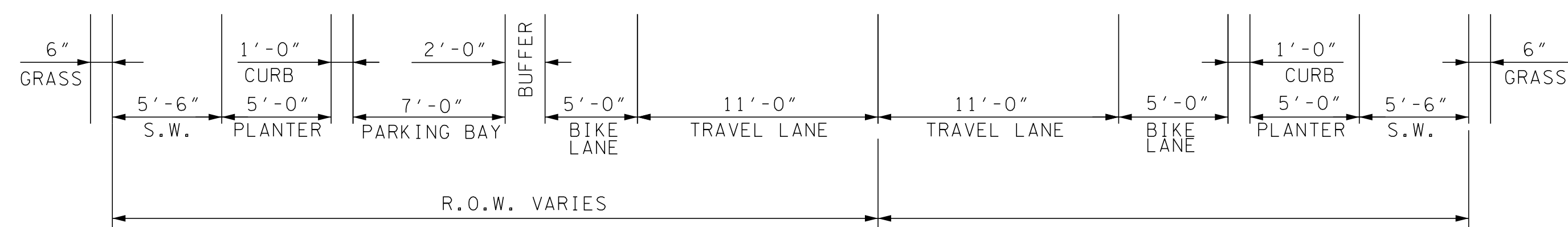
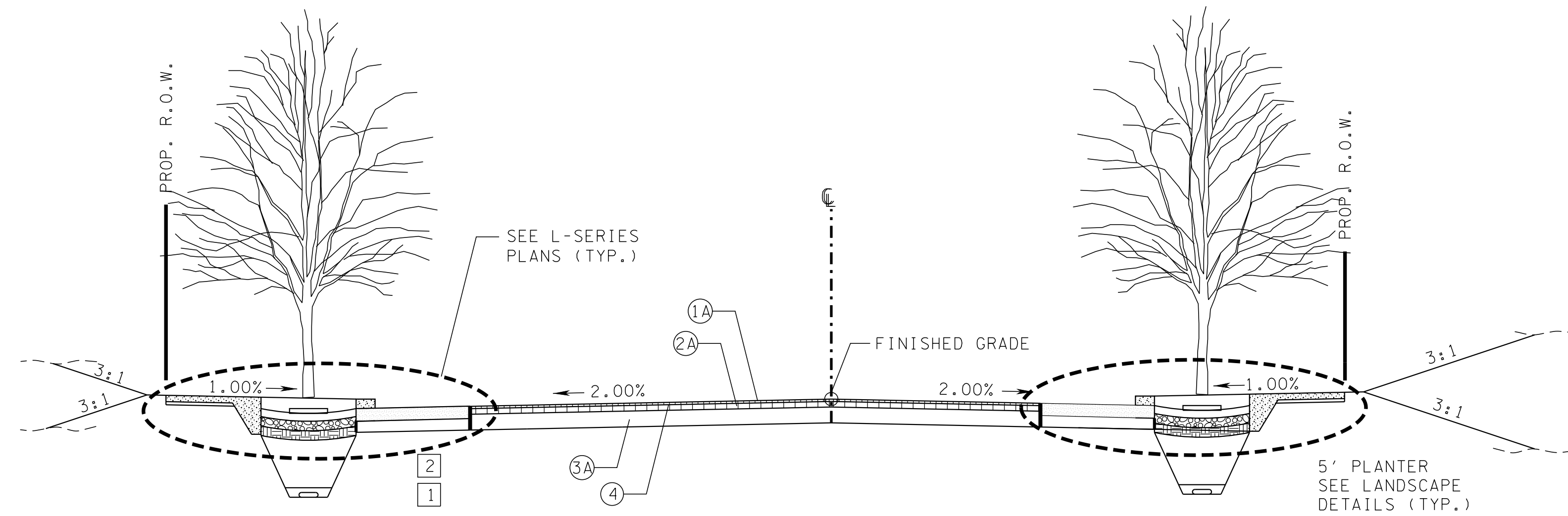
CLAUDE STREET
FROM STA. 9+59.00 TO STA. 9+84.00

DIXIE STREET LEFT
FROM STA. 9+58.00 TO STA. 9+84.00

DIXIE STREET RIGHT
FROM STA. 10+16.00 TO STA. 10+42.00 1

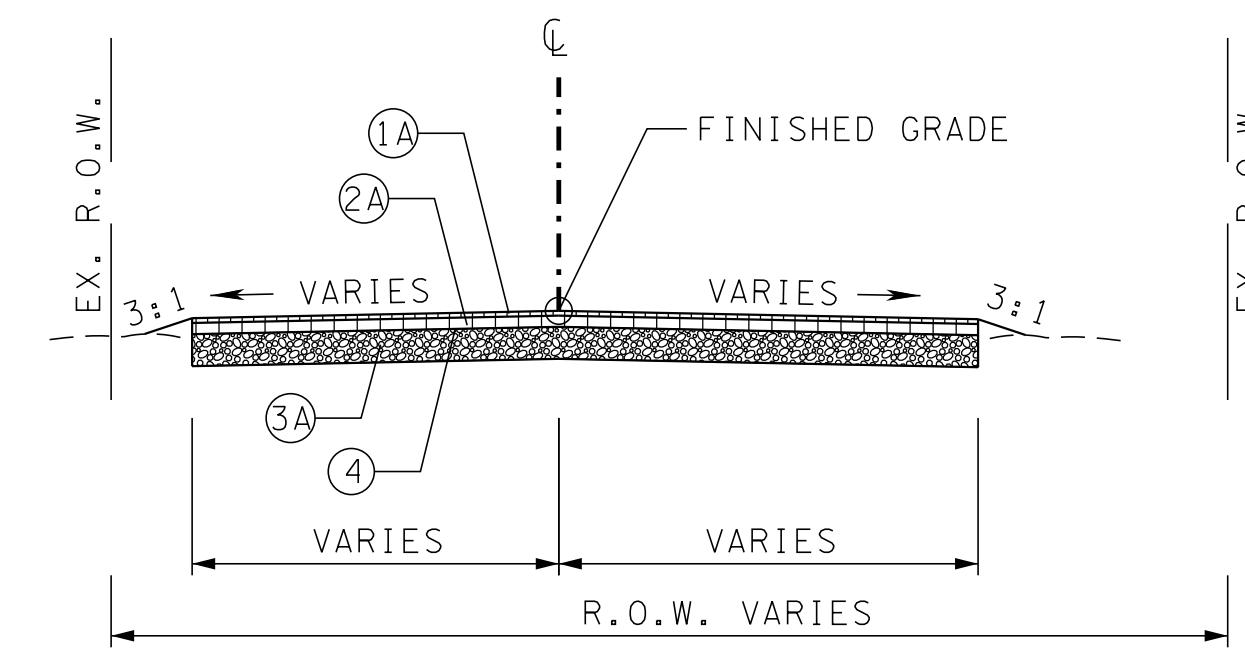
1 8'-0" PARKING BAY LEFT,
STA. 10+41.70 TO STA.
11+00.00.
CURB RIGHT ENDS AT STA.
10+42.78.

8/11/2017 12:36:30 PM \\X:\tennessee\transportation\5430-37\data\Drawings\5430-37-02-2A.sht

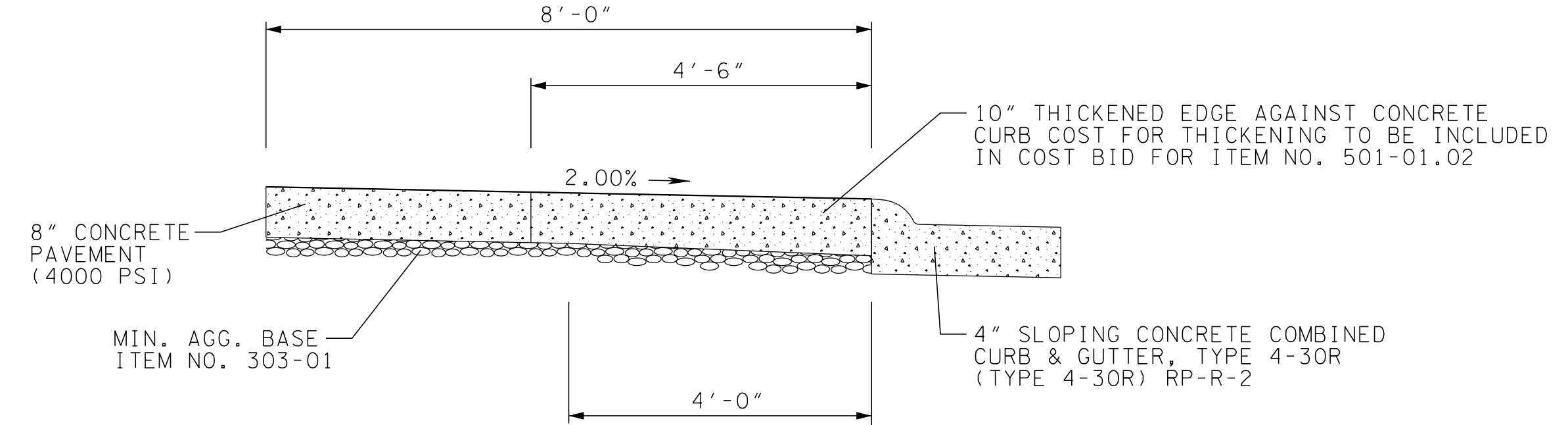


ISLAND HOME LOOKING EAST
(SEE PROP. LAYOUT FOR ROUNDABOUT)
FROM STA. 10+55.00 TO STA. 13+25.00

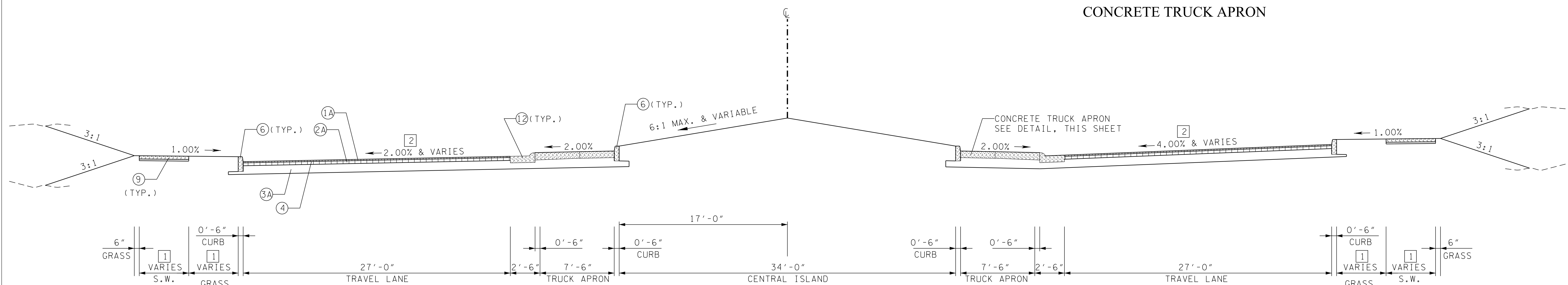
- 1 WITH PARKING BAY FROM:
STA. 11+13.79 LT. TO STA. 13+10.62 LT.
- 2 WITHOUT PARKING BAY, MIRROR IMAGE OF LEFT SIDE.



PHILLIPS AVENUE (1000 BLOCK)
FROM STA. 12+56.90 TO STA. 13+08.63
WEST OF FOGGY BOTTOM STREET
PHILLIPS AVENUE (1100 BLOCK)
FROM STA. 10+33.99 TO STA. 10+91.59
EAST OF FOGGY BOTTOM STREET



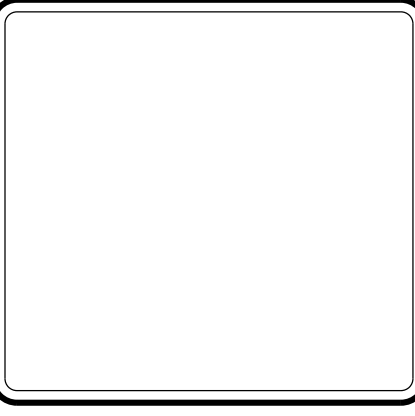
CONCRETE TRUCK APRON



TYPICAL ROUNDABOUT SECTION
SEVIER AVENUE E/W STA. 24+23.22 =
SEVIER AVENUE N/S STA. 24+23.22 =
FOGGY BOTTOM STREET STA. 15+97.77 =
ISLAND HOME AVENUE STA. 10+00.00

- 1 SEE PROPOSED LAYOUT FOR WIDTHS.
- 2 CROSS SLOPE VARIES:
SEVIER AVENUE E/W = -2.54%
SEVIER AVENUE N/S = +4.00%
FOGGY BOTTOM STREET = -2.00%
ISLAND HOME AVENUE = +2.27%

NO.	DATE	REVISIONS DESCRIPTION



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



KENTUCKY
606-248-6600
TENNESSEE
865-546-5800
NORTH CAROLINA
828-253-2796
SOUTH CAROLINA
864-574-4775
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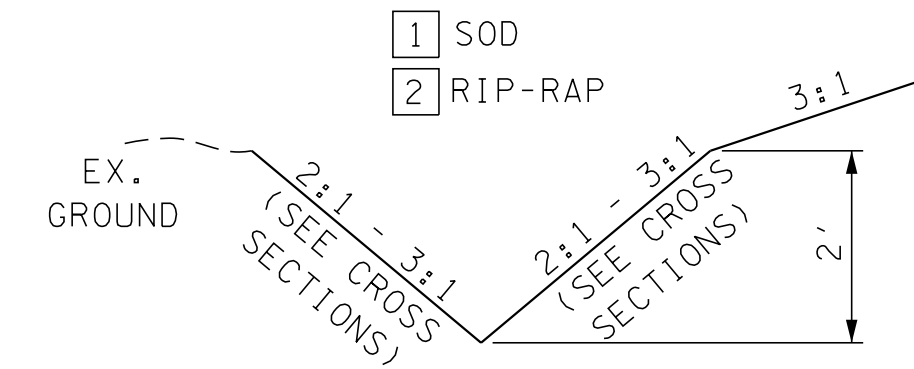
DRAWN: M.D.G.
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SCALE: N.T.S.
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FILE NAME:
DRAWING TITLE: TYPICAL SECTIONS

DWG	DRAWING NO:
OF	C2B

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PROPOSED PAVING SCHEDULE

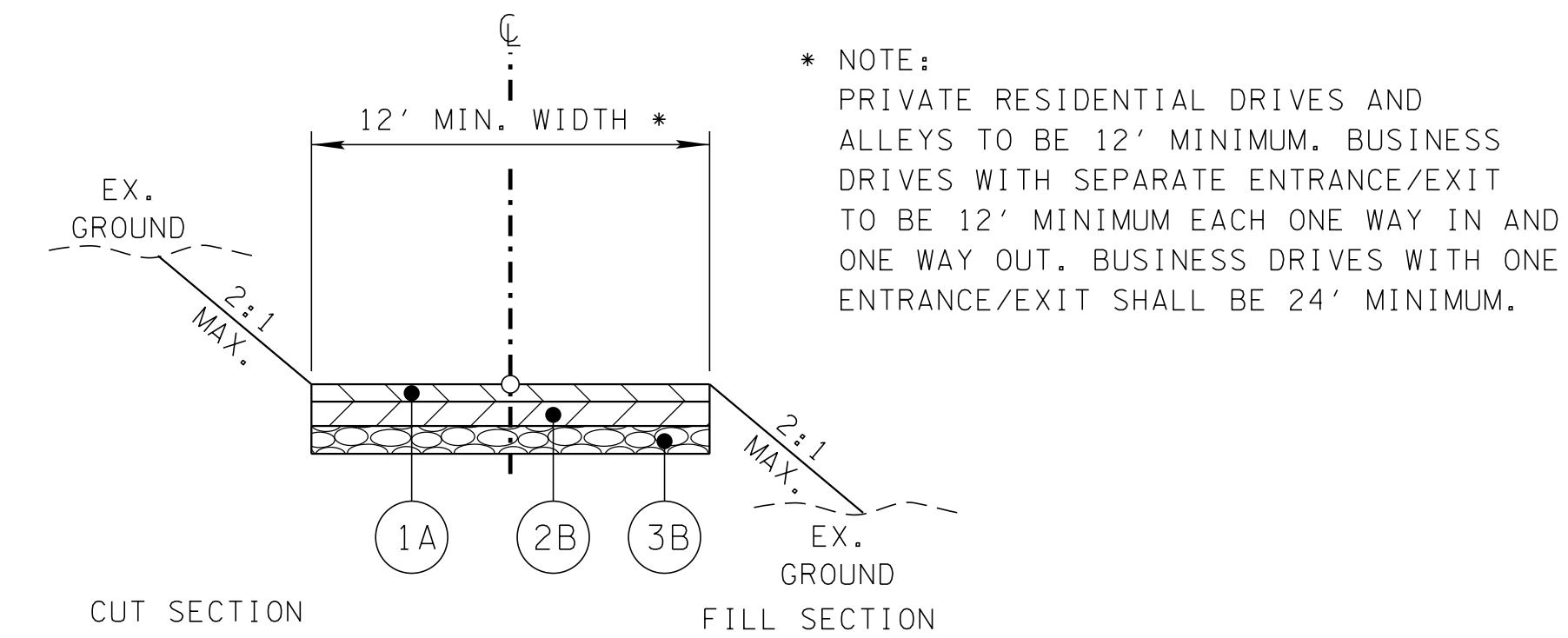
1A	ASPHALTIC CONCRETE SURFACE (1½" THICK) ITEM NO. 411-01.10 (PG64-22) (GRADING D) 1½" THICK, 159 POUNDS
1B	COLD PLANE BIT. PAVEMENT (1½" DEPTH) ITEM NO. 415-01.02
2A	BITUMINOUS PLANT MIX BASE (3½" THICK)
2B	BITUMINOUS PLANT MIX BASE (1½" THICK) ITEM NO. 307-01.06 (PG64-22) (GRADING B) 3½" THICK, 395.5 POUNDS 1½" THICK, 169.5 POUNDS
3A	MINERAL AGGREGATE BASE (10" THICK)
3B	MINERAL AGGREGATE BASE (4" THICK)
3C	MINERAL AGGREGATE BASE (2" THICK)
3D	MINERAL AGGREGATE BASE (13½" THICK) ITEM NO. 303-01 (TYPE A BASE, GRADING D)
4	TACK COAT ITEM NO. 403-01 RATE = 0.07 GAL/S.Y. (GENERAL USE) RATE = 0.10 GAL/S.Y. (COLD PLANE)
5	6" CONC. COMBINED CURB & GUTTER, TYPE 6-30 ITEM NO. 702-03
6	6" DETACHED CONCRETE CURB, TYPE A ITEM NO. 702-03
7	4" SLOPING DETACHED CONCRETE CURB, TYPE A ITEM NO. 702-01
8	NOT USED
9	CONCRETE SIDEWALK (4" THICK) ITEM NO. 701-01.01
10	CONCRETE DRIVEWAY (6" THICK) ITEM NO. 701-01.02
11	NOT USED
12	4" SLOPING CONC. COMBINED CURB & GUTTER, TYPE 4-30R ITEM NO. 702-03



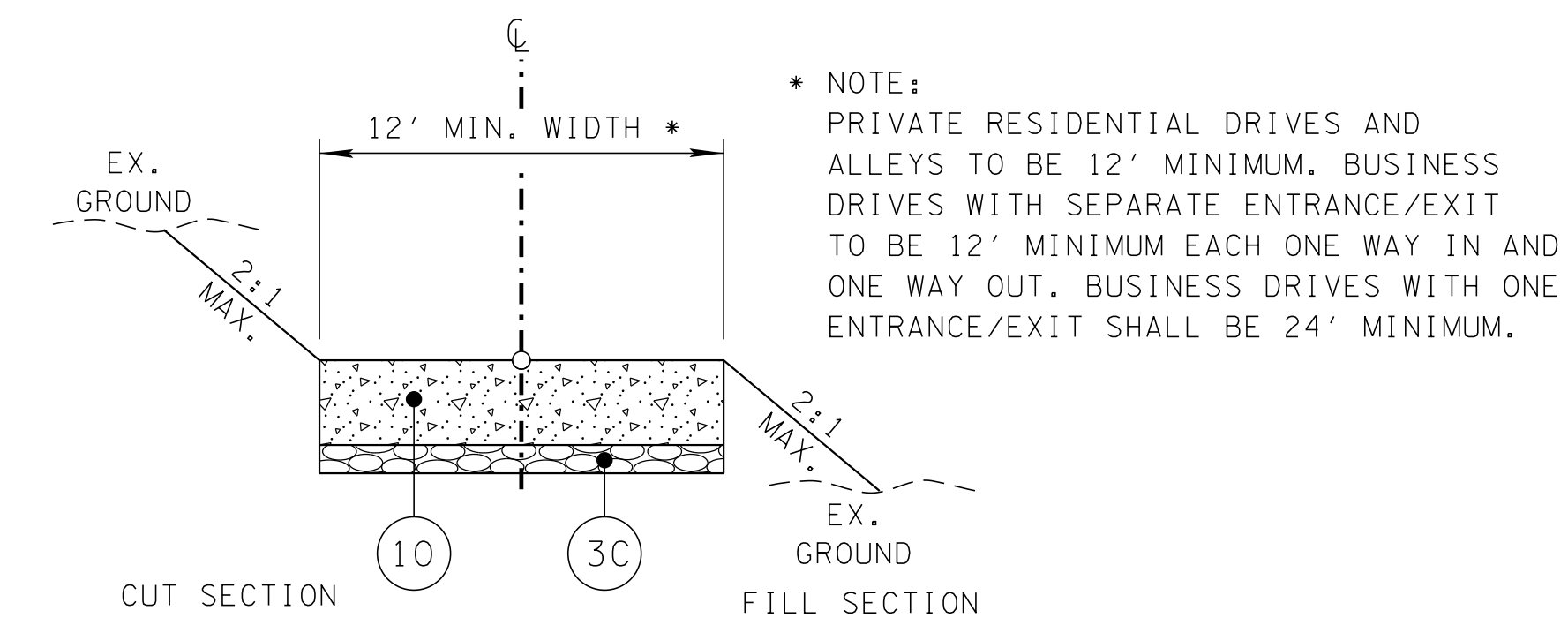
DITCH TYPICAL SECTION

SEVIER NS - STA. 25+59.57 TO STA. 26+85.00 RT. 2
 SEVIER NS - STA. 25+49.80 TO STA. 27+00.00 LT. 2
 SEVIER NS - STA. 27+00.00 TO STA. 27+82.60 LT. 1

RAILROAD - STA. 11+73.20 TO STA. 12+20.44 RT. 1
 RAILROAD - STA. 13+12.47 TO STA. 13+37.61 RT. 1



ASPHALT DRIVEWAY TYPICAL SECTION
PRIVATE DRIVE TO BUSINESS, ALLEY OR RESIDENTIAL PROPERTY



CONCRETE DRIVEWAY TYPICAL SECTION
PRIVATE DRIVE TO BUSINESS, FIELD, OR RESIDENTIAL PROPERTY

REVISIONS	
NO.	DATE

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CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS

V&M
Vaughn & Melton
Engineering - Surveying

KENTUCKY
606-248-6600

TENNESSEE
865-546-5800

NORTH CAROLINA
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SOUTH CAROLINA
864-574-4775

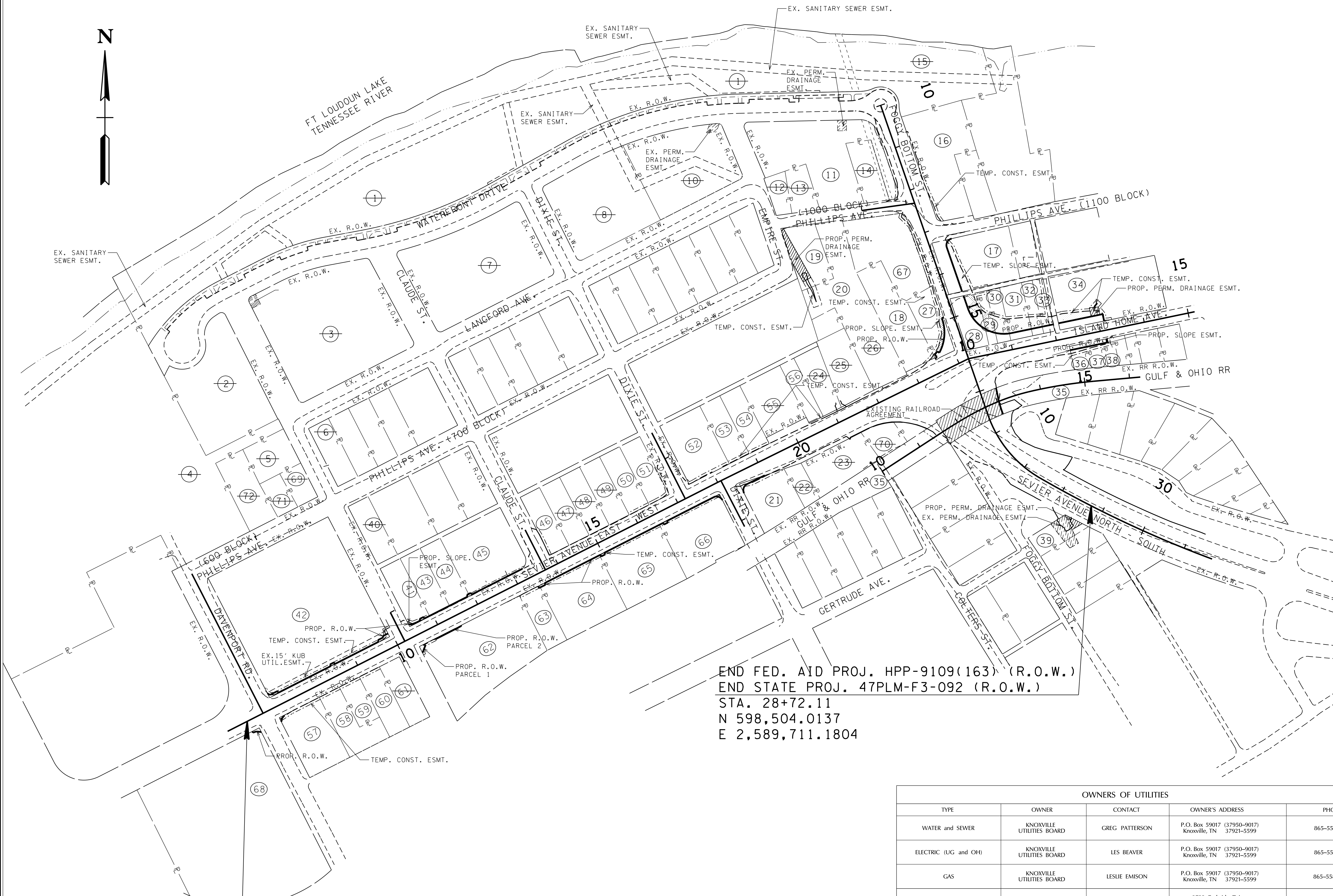
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DWG	DRAWING NO:
OF	C2C

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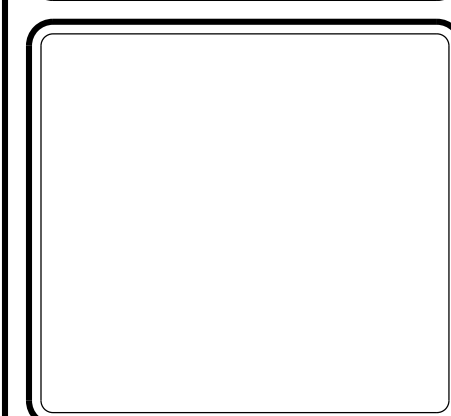


BEGIN FED. AID PROJ. HPP-9109(163) (R.O.W.)
 BEGIN STATE PROJ. 47PLM-F3-092 (R.O.W.)
 STA. 6+24.00
 N 598,023.7511
 E 2,587,830.1699

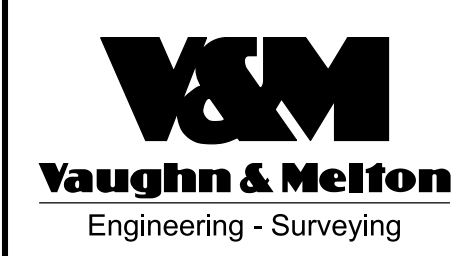
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 END STATE PROJ. 47PLM-F3-092 (R.O.W.)
 STA. 28+72.11
 N 598,504.0137
 E 2,589,711.1804

OWNERS OF UTILITIES				
TYPE	OWNER	CONTACT	OWNER'S ADDRESS	PHONE
WATER and SEWER	KNOXVILLE UTILITIES BOARD	GREG PATTERSON	P.O. Box 59017 (37950-9017) Knoxville, TN 37921-5599	865-558-2291
ELECTRIC (UG and OH)	KNOXVILLE UTILITIES BOARD	LES BEAVER	P.O. Box 59017 (37950-9017) Knoxville, TN 37921-5599	865-558-2861
GAS	KNOXVILLE UTILITIES BOARD	LESLIE EMISON	P.O. Box 59017 (37950-9017) Knoxville, TN 37921-5599	865-558-2634
TELEPHONE	AT&T	VAUGHN JONES	9733 Parkside Drive Knoxville, TN 37922	865-539-8579
CABLE TELEVISION	COMCAST CABLE COMMUNICATIONS	GREGG WARWICK	5720 Asheville Highway Knoxville, TN 37924	865-740-9155
CABLE TELEVISION	KNOLOGY CABLE COMMUNICATIONS	WES PAULS	10115 Sherrill Boulevard Knoxville, TN 37932	865-388-8426
PETROLEUM	COLONIAL PIPELINE COMPANY	KARL KENNEDY	5033 N. Middlebrook Pike Knoxville, TN 37921	865-584-1817 865-389-8903 ROW DEPT.

REVISIONS	
NO.	DATE



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SEVIER AVENUE ROADWAY IMPROVEMENTS



KENTUCKY
606-248-6600

TENNESSEE
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 CHECKED: J.C.E.
 JOB NO: 051430-37
 SCALE: 1" = 100'
 DATE: 06-30-2017
 FILE NAME:
 DRAWING TITLE:
 PROPERTY
 MAP

DWG OF DRAWING NO: C3

8/11/2017 12:56:33 PM \\X:\tennessee\l\trnsportation\51430-37\data\Drawings\51430-37-003.sht

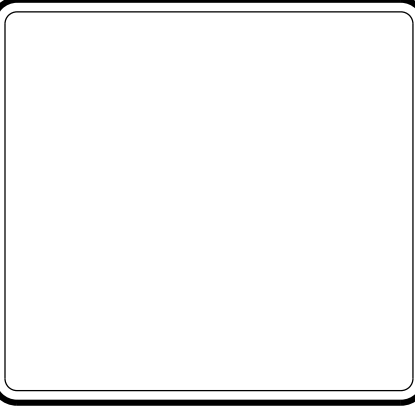
R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQ. FEET)			
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST. (1)	RAILROAD
				BK.	PAGE												
1	KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION	95-O	B-27.03	20111014	0020212	10.086		10.086				10.086					
2	REGAL CORPORATION	95-O	B-30.02	20090102	0040816	1.026		1.026				1.026					
3	REGAL CORPORATION	95-O	B-30.03	20090102	0040816	1.645		1.645				1.645					
4	MARATHON ASHLAND PETROLEUM LLC	95-P	C-6	2277	621	11.690		11.690				11.690					
5	SHANE G. & PATRICIA A. BERRIER	95-P	C-1	20160204	0045387	0.201		0.201				0.201					
6	DAVID & WANDA McDANIEL	95-P	D-1	20050520	0093565	0.167		0.167				0.167					
7	REGAL CORPORATION	95-O	B-30.04	20090102	0040816		1.269	1.269					1.269				
8	REGAL CORPORATION	95-O	B-28.01	20090102	0040816		0.884	0.884					0.884				
9	NOT USED																
10	KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION	95-O	B-27.01	20090518	0074547		0.804	0.804					0.804				
11	KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION	95-O	B-27.02	20090518	0074547	0.781		0.781						5	288		
12	H.L. & NANCY DUNLAP	95-O	B-25	1679	1052	3842 S.F.		3842 S.F.				3842 S.F.					
13	HERCHELL L. & NANCY DUNLAP	95-O	B-24	1400	876	0.128		0.128				0.128					
14	THOMAS D. & REGINA L. BROWNING	95-O	B-20	20130614	0082622	0.158		0.158				0.158					
15	KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION	95-O	B-16.04	20090518	0074547		1.379	1.379					1.379				
16	KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION	95-O	B-16.03	20090518	0074547	0.618		0.618				0.618		546	681		
17	RIVERVIEW PROPERTIES INC	95-O	C-1	2127	974	0.466		0.466	3597 S.F.		3597 S.F.	0.383		1723	697		
18	ZACHARY M AND HAO YAR LAND	95-O	A-31.01	20160802	0007400	0.383		0.383				0.383		44	126		
19	FRED H. & HATTIE L. JONES	95-O	A-29	2178	144	0.240		0.240				0.240	1975		384		
20	RONNIE E. & MARY ANN JONES	95-O	A-38	19990702	0000761	0.184		0.184				0.184			893		
21	JERRY WOOD, JR.	95-O	N-1	20131125	0032983		0.269	0.269		278 S.F.	278 S.F.		0.263	90	413		
22	JACK & PEGGY PICKENS	95-O	N-2	1966	583		3728 S.F.	3728 S.F.					3728 S.F.				
23	JACK & PEGGY PICKENS	95-O	N-3	2168	594		0.288	0.288					0.288				
24	DOUGLAS B. HONEYCUTT & MICHAEL M. PACETTI & CHRISTOPHER MORTON	95-O	A-39	20160712	0002622	0.169		0.169				0.169					
25	TERRY DWAIN HIBDON	95-O	A-35	20121121	0033482	0.269		0.269				0.269					
26	RONNIE E. & MARY ANN JONES	95-O	A-34	19990702	0000761	0.286		0.286				0.286					
27	GARY H. BAYLESS	95-O	A-32	20050930	0029515	0.196		0.196	1346 S.F.		1346 S.F.	0.165		1024	786		
28	RIVERVIEW PROPERTIES INC	95-O	C-28	2141	783	0.156		0.156	0.113		0.113	1900 S.F.		1628	215		
29	RIVERVIEW PROPERTIES INC	95-O	C-27	2273	1201	2407 S.F.		2407 S.F.	593 S.F.		593 S.F.	1814 S.F.		848	290		
30	RIVERVIEW PROPERTIES INC	95-O	C-26	2273	1201	3614 S.F.		3614 S.F.	568 S.F.		568 S.F.	3046 S.F.		1127	208		
31	FRED H. JONES	95-O	C-25	19990827	0017023	0.139		0.139	785 S.F.		785 S.F.	0.121		1507	252		
32	SYCAMORES LLC	95-O	C-24	20081205	0036066	2996 S.F.		2996 S.F.	388 S.F.		388 S.F.	2608 S.F.		633	126		
33	SYCAMORES LLC	95-O	C-23	20081205	0036066	3000 S.F.		3000 S.F.	387 S.F.		387 S.F.	2613 S.F.		513	973		
34	RIVERVIEW PROPERTIES INC	95-O	C-20	2126	386												
				2127	551	0.675		0.675	1560 S.F.		1560 S.F.	0.639		376	1312	815	
				2127	554												
35	GULF & OHIO RAILROAD								3086 S.F.		3086 S.F.				0.115 AC	0.126 AC	
36	WILLIAM EUGENE MONDAY III	95-O	F-3	19991216	0045030		2088 S.F.	2088 S.F.		323 S.F.	323 S.F.		1765 S.F.	244	190		
37	SYCAMORES LLC	95-O	F-4	20081205	0036066		2181 S.F.	2181 S.F.		311 S.F.	311 S.F.		1870 S.F.	137	185		
38	SYCAMORES LLC	95-O	F-5	20081205	0036066		1561 S.F.	1561 S.F.		74 S.F.	74 S.F.		1487 S.F.	48	135		
39	STAN L. WOLAK	95-O	G-26	20150817	0010479		0.128	0.128					0.128	475			
40	RIVERVIEW PROPERTIES INC	95-P	D-12	2313	112	0.167		0.167				0.167					
41	RIVERVIEW PROPERTIES INC	95-P	D-10	2273	1211	0.166		0.166	122 S.F.		122 S.F.	0.163		56	221		
42	KNOX COUNTY	95-P	D-11	2114	882	2.069		2.069	630 S.F.		630 S.F.	2.055		13	1330		
43	DAVID GRAHAM BYARS	95-P	D-09	20030815	0019871	0.167		0.167	61 S.F.		61 S.F.	0.166					
44	DAVID T. CLARK	95-P	D-08	2029	241	0.166		0.166	78 S.F.		78 S.F.	0.164					

NOTE: ALL AREAS IN ACRES UNLESS OTHERWISE NOTED.

- ① FOR WORKING ROOM.
- ② TRACT 16 TO BE ACQUIRED BY CITY OF KNOXVILLE UPON COMPLETION OF PHASE 1B OF SUTTREE LANDING PARK CONSTRUCTION.

REVISIONS	DESCRIPTION
NO.	DATE



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS

V&M
Vaughn & Melton
Engineering - Surveying

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SOUTH CAROLINA
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DRAWN:	J.E.W.
CHECKED:	J.C.E.
JOB NO:	051430-37
SCALE:	N.T.S.
DATE:	06-30-2017
FILE NAME:	
DRAWING TITLE:	RIGHT OF WAY ACQUISITION TABLE
DWG	DRAWING NO:
OF	C3A

8/11/2017 12:36:39 PM \\X:\tennessee\lrcnsport\gation\54430-37\data\Drawings\54430-37-003A.sht

R.O.W. ACQUISITION TABLE

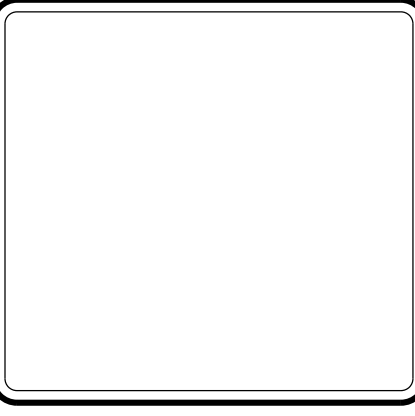
TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQUARE FEET)				
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST. ①	RAILROAD	
				BK.	PAGE													
45	BARA SINGH GILL	95-P	D-07	20140626	0073268	0.498		0.498	168 S.F.		168 S.F.	0.494				522		
46	SOUTH SHORE LLC	95-O	A-50	20160422	0060881	0.160		0.160				0.160				338		
47	SIMIN KASRAE & IRANDOKHT KASRAEI (LIFE ESTATE)	95-O	A-49	20131017	0025206	0.168		0.168				0.168						
48	CARROLL R. REAGAN	95-O	A-48	20040820	0015744	0.167		0.167				0.167						
49	SOUTH SHORE LLC	95-O	A-47	20160422	0060881	0.167		0.167				0.167						
50	SOUTH SHORE LLC	95-O	A-46	20160422	0060881	0.166		0.166				0.166				249		
51	RIVERVIEW PROPERTIES INC.	95-O	A-45	2324	1036	0.168		0.168				0.168				399		
52	SOUTH SHORE LLC	95-O	A-44	20160422	0060881	0.333		0.333				0.333				630		
53	SOUTH SHORE LLC	95-O	A-43	20160422	0060881	0.167		0.167				0.167				309		
54	SOUTH SHORE LLC	95-O	A-42	20160422	0060881	0.167		0.167				0.167				286		
55	SOUTH SHORE LLC	95-O	A-41	20160422	0060881	0.299		0.299				0.299						
56	DOUGLAS B. HONEYCUTT & MICHAEL M. PACETTI & CHRISTOPHER MORTON	95-O	A-40	20160712	0002622	0.117		0.117				0.117				68		
57	CARROLL R. REAGAN	95-P	E-26	20040820	0015747		0.345	0.345		53 S.F.	53 S.F.		0.344			502		
58	CARROLL R. & MARIAN M. REAGAN	95-P	E-27	1712	433		0.229	0.229					0.229			249		
59	JENNIFER ARTHUR	95-P	E-28	20160328	0055228		0.115	0.115					0.115			250		
60	JOHN H. & RUTH E. WALKER	95-P	E-29	1432	170		0.172	0.172					0.172			250		
61	822 SEVIER LLC	95-P	E-30	20140220	0048954		0.172	0.172					0.172					
62	906 SEVIER LLC	95-O	M-01	20141104	0025246		0.904	0.904	②	231 S.F.	231 S.F.		0.899			201		
63	906 SEVIER LLC	95-O	M-02	20141104	0025246		0.156	0.156		14 S.F.	14 S.F.		0.156			232		
64	EVERYTHING MUSHROOMS INC. & HESS LEIGH ROBERT & BRIAN BROCK	95-O	M-03	20120510	0063566		0.468	0.468		110 S.F.	110 S.F.		0.465			640		
65	BRINA BONAM-TATE	95-O	M-04	20050404	0078167		0.467	0.467		94 S.F.	94 S.F.		0.465			655		
66	1020 PROPERTIES, LLC	95-O	M-05	20160301	0050428		0.450	0.450		136 S.F.	136 S.F.		0.447			626		
67	BRETT HONEYCUTT & JAN CONLEY	95-O	A-31	20150219	0044185	0.497		0.497				0.497		131		267		
68	CARDINAL SOUTH LLC	95-P	E-21	20070201	0062193		2.430	2.430		98 S.F.	98 S.F.		2.428					
69	SHANE G. & PATRICIA A. BERRIER	95-P	C-02	20060530	0099868	4326 S.F.		4326 S.F.				4326 S.F.						
70	JERRY WOOD, JR.	95-O	N-04	20130703	0001124		0.109	0.109					0.109					
71	MICHAEL W. BLANTON	95-P	C-3	2170	656	4230 S.F.		4230 S.F.				4230 S.F.						
72	JENNIFER ARTHUR	95-P	C-4	20110131	0045968	0.265		0.265				0.265						
ACQUISITION TOTALS (ACRES)									0.277 AC.	0.110 AC.	0.386 AC.			2826 S.F.	.267 AC.	0.480 AC.	0.126 AC.	

NOTE: ALL AREAS IN ACRES UNLESS OTHERWISE NOTED.

① FOR WORKING ROOM.

② AREA ACQUIRED INCLUDES 127 S.F. IN PARCEL 1 AND 104 S.F. IN PARCEL 2.

REVISIONS	DESCRIPTION
NO.	DATE



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



KENTUCKY
606-248-6600

TENNESSEE
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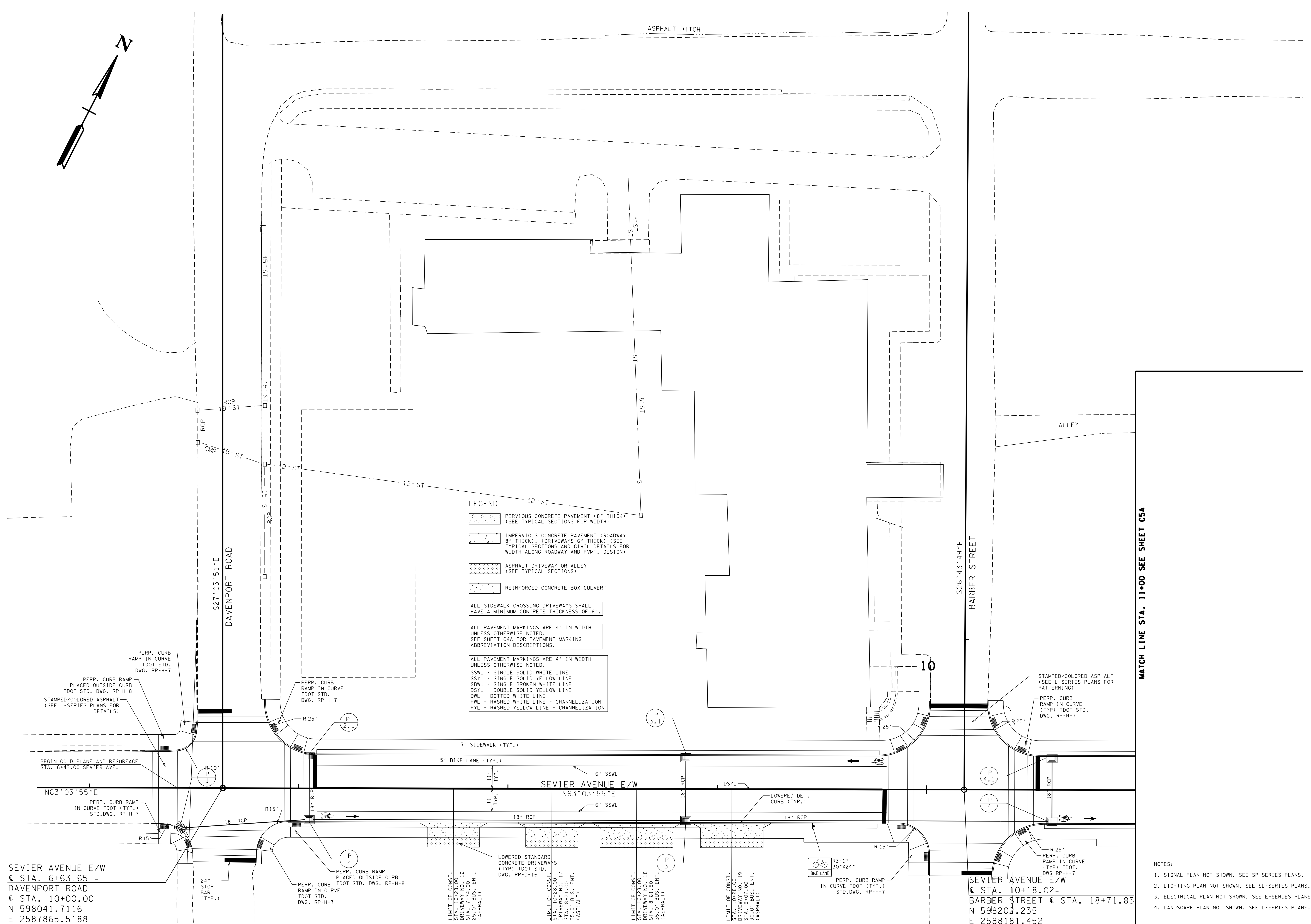
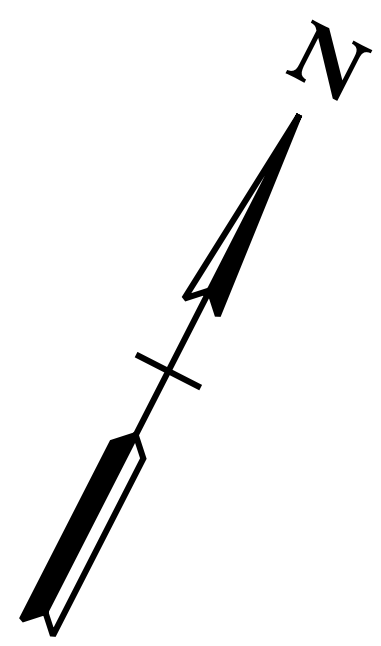
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DRAWN:	J.E.W.
CHECKED:	J.C.E.
JOB NO:	051430-37
SCALE:	N.T.S.
DATE:	06-30-2017
FILE NAME:	
DRAWING TITLE:	RIGHT OF WAY ACQUISITION TABLE
DWG	DRAWING NO:
OF	C3B

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LEGEND

- PERVIOUS CONCRETE PAVEMENT (8" THICK) (SEE TYPICAL SECTIONS FOR WIDTH)
- IMPERVIOUS CONCRETE PAVEMENT (ROADWAY 8" THICK), (DRIVEWAYS 6" THICK) (SEE TYPICAL SECTIONS AND CIVIL DETAILS FOR WIDTH ALONG ROADWAY AND PVMT. DESIGN)
- ASPHALT DRIVEWAY OR ALLEY (SEE TYPICAL SECTIONS)
- REINFORCED CONCRETE BOX CULVERT

ALL SIDEWALK CROSSING DRIVEWAYS SHALL HAVE A MINIMUM CONCRETE THICKNESS OF 6".

ALL PAVEMENT MARKINGS ARE 4" IN WIDTH UNLESS OTHERWISE NOTED. SEE SHEET C4A FOR PAVEMENT MARKING ABBREVIATION DESCRIPTIONS.

ALL PAVEMENT MARKINGS ARE 4" IN WIDTH UNLESS OTHERWISE NOTED.

- SSWL - SINGLE SOLID WHITE LINE
- SSYL - SINGLE SOLID YELLOW LINE
- SBWL - SINGLE BROKEN WHITE LINE
- DSYL - DOUBLE SOLID YELLOW LINE
- DWL - DOTTED WHITE LINE
- HWL - HASHED WHITE LINE - CHANNELIZATION
- HYL - HASHED YELLOW LINE - CHANNELIZATION

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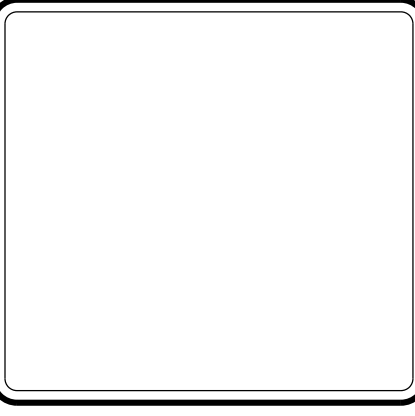
SEVIER AVENUE E/W
 @ STA. 6+63.65 =
 DAVENPORT ROAD
 @ STA. 10+00.00
 N 598041.7116
 E 2587865.5188

SEVIER AVENUE E/W
 @ STA. 10+18.02 =
 BARBER STREET @ STA. 18+71.85
 N 598202.235
 E 2588181.452

MATCH LINE STA. 11+00 SEE SHEET C5A

- NOTES:
1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 3. ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 4. LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.

REVISIONS	
NO.	DATE



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



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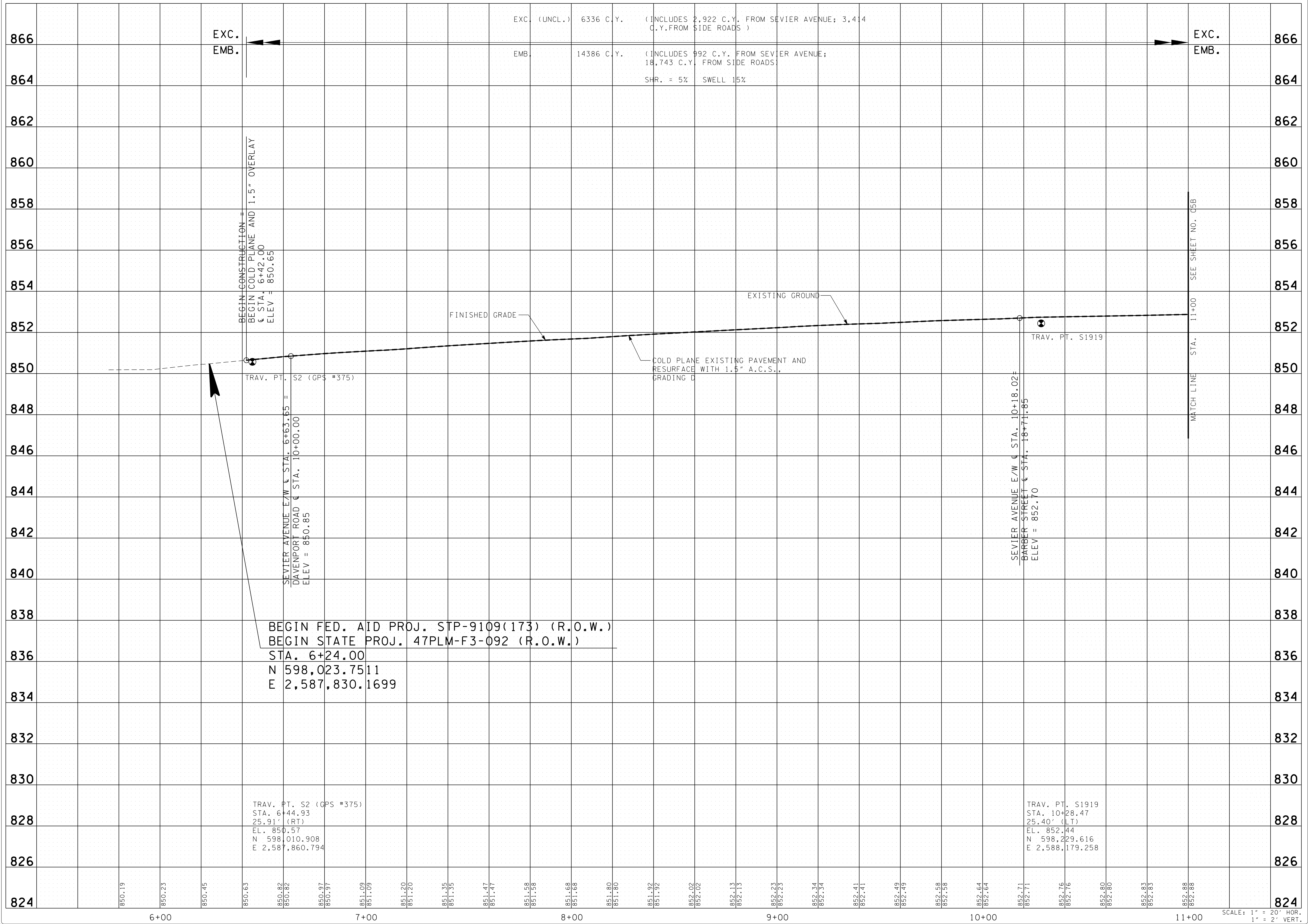
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DRAWN: D.E.H.	
CHECKED: J.C.E.	
JOB NO: 051430-37	
SCALE: 1" = 20'	
DATE: 08-11-2017	
FILE NAME:	
DRAWING TITLE: PROPOSED LAYOUT	
DWG	DRAWING NO:
OF	C4A

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EXC. (UNCL.) 6336 C.Y. (INCLUDES 2,922 C.Y. FROM SEVIER AVENUE; 3,414 C.Y. FROM SIDE ROADS)
 EMB. 14386 C.Y. (INCLUDES 992 C.Y. FROM SEVIER AVENUE; 18,743 C.Y. FROM SIDE ROADS)
 SHR. = 5% SWELL 15%

EXC.
EMB.

EXC.
EMB.

BEGIN CONSTRUCTION =
 BEGIN COLD PLANE AND 1.5" OVERLAY
 & STA. 6+42.00
 ELEV = 850.65

FINISHED GRADE

EXISTING GROUND

COLD PLANE EXISTING PAVEMENT AND
 RESURFACE WITH 1.5" A.C.S.,
 GRADING D

TRAV. PT. S1919

TRAV. PT. S2 (GPS #375)

BEGIN FED. AID PROJ. STP-9109(173) (R.O.W.)
 BEGIN STATE PROJ. 47PLM-F3-092 (R.O.W.)
 STA. 6+24.00
 N 598,023.7511
 E 2,587,830.1699

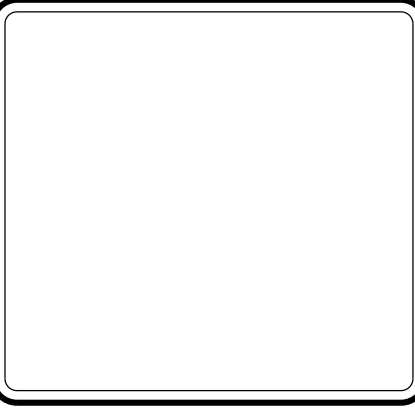
SEVIER AVENUE E/W @ STA. 10+18.02 =
 BARBER STREET @ STA. 18+11.85
 ELEV = 852.70

MATCH LINE STA. 11+00 SEE SHEET NO. 05B

TRAV. PT. S2 (GPS #375)
 STA. 6+44.93
 25.91' (RT)
 EL. 850.57
 N 598,010.908
 E 2,587,860.794

TRAV. PT. S1919
 STA. 10+28.47
 25.40' (LT)
 EL. 852.44
 N 598,229.616
 E 2,588,179.258

NO.	DATE	DESCRIPTION



CITY OF KNOXVILLE, TENNESSEE
 SEVIER AVENUE ROADWAY IMPROVEMENTS

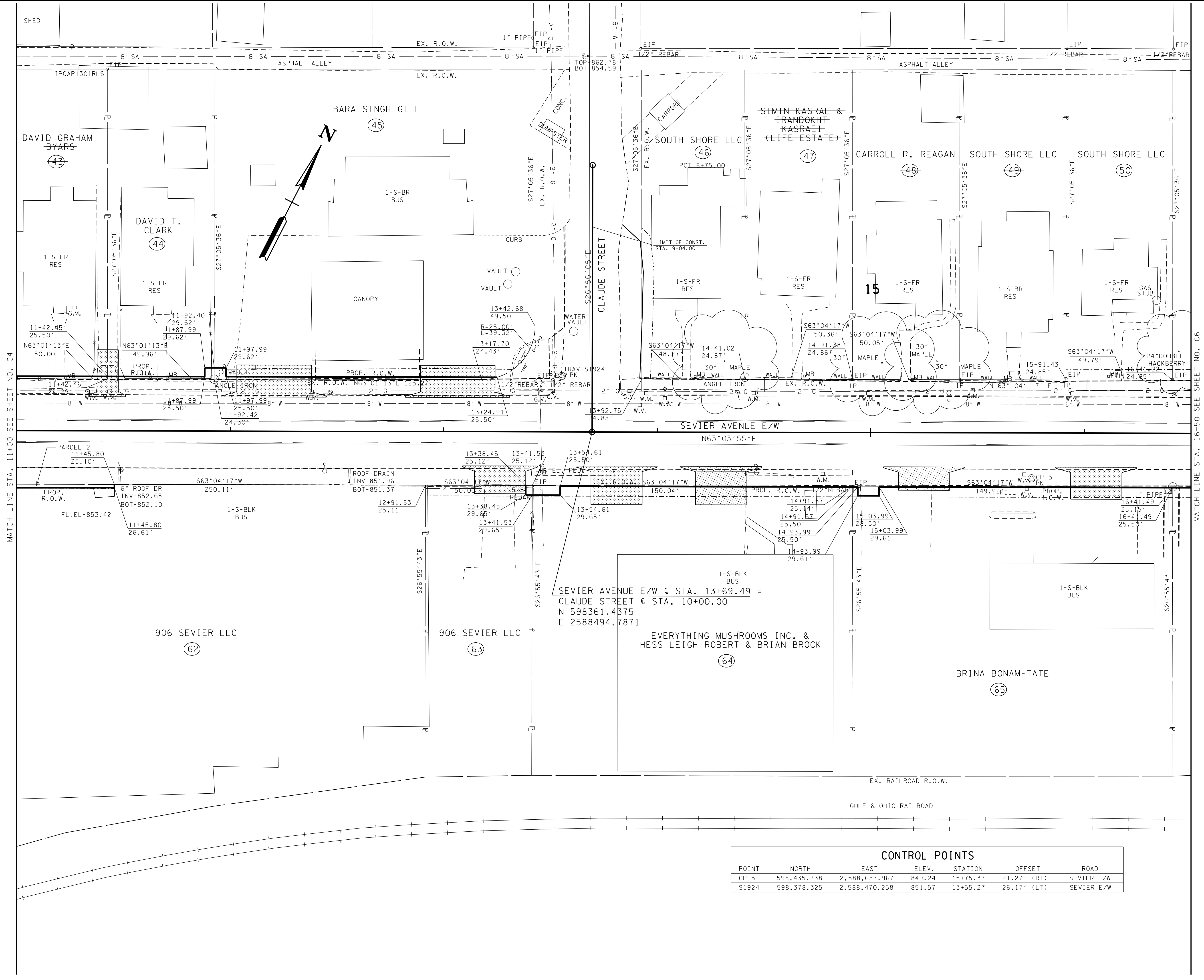


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DRAWN: J.E.W.
CHECKED: J.C.E.
JOB NO: 051430-37
SCALE: AS NOTED
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: SEVIER AVENUE EAST-WEST PROFILE
DWG OF
DRAWING NO: C4B

SCALE: 1" = 20' HOR.
 1" = 2' VERT.

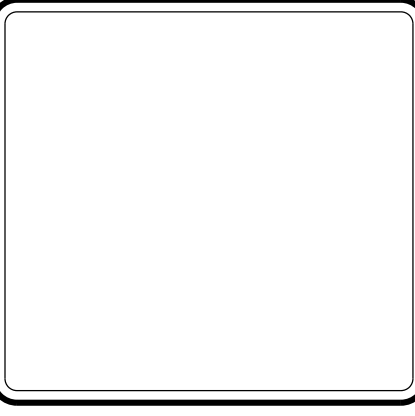
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MATCH LINE STA. 11+00 SEE SHEET NO. C4

MATCH LINE STA. 16+50 SEE SHEET NO. C6

NO.	DATE	DESCRIPTION



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



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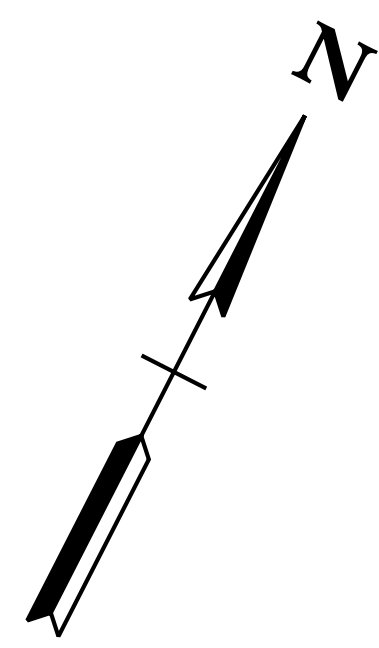
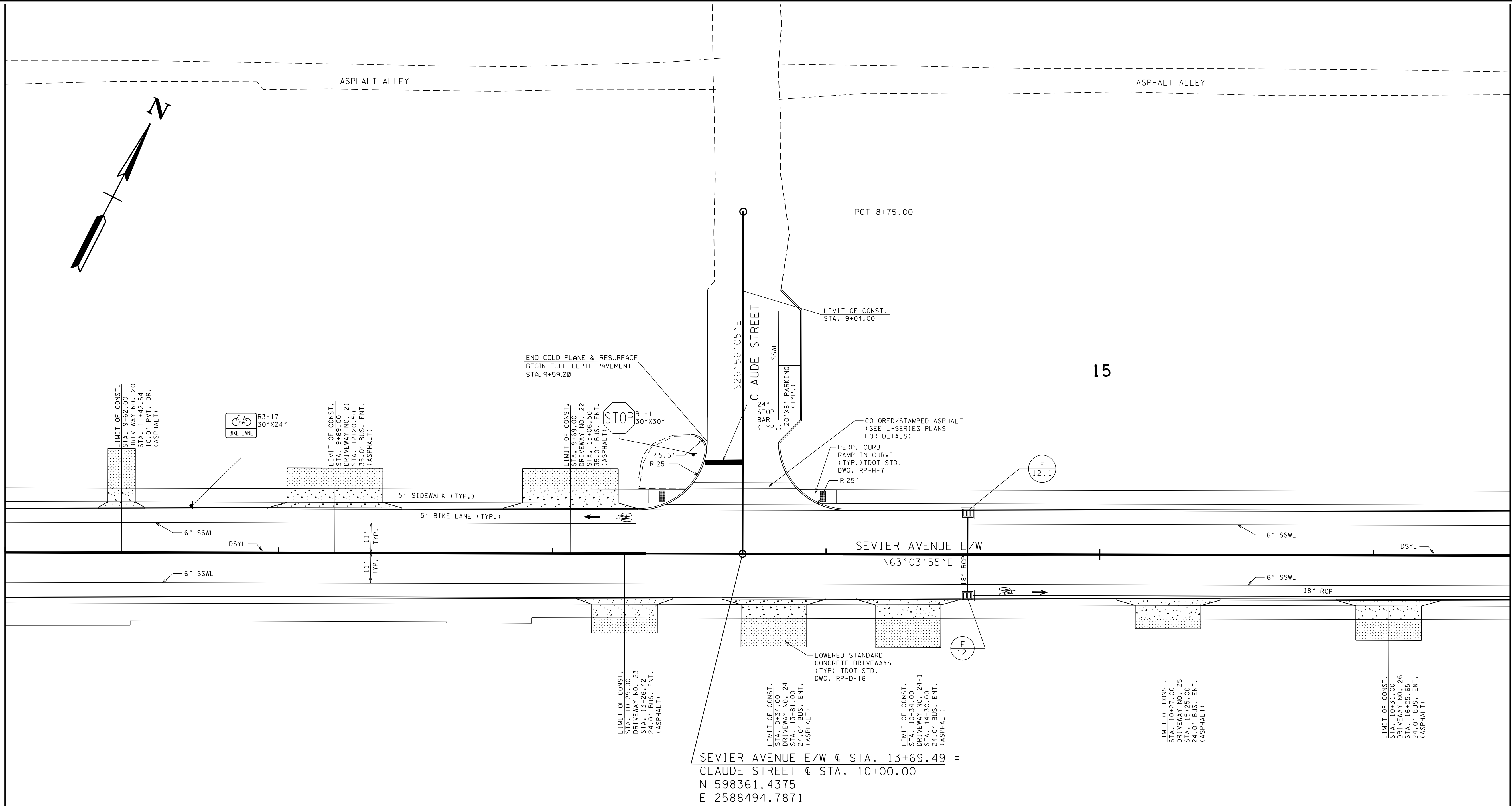
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CONTROL POINTS						
POINT	NORTH	EAST	ELEV.	STATION	OFFSET	ROAD
CP-5	598,435.738	2,588,687.967	849.24	15+75.37	21.27' (RT)	SEVIER E/W
S1924	598,378.325	2,588,470.258	851.57	13+55.27	26.17' (LT)	SEVIER E/W

DRAWN: D.E.H.	
CHECKED: J.C.E.	
JOB NO: 051430-37	
SCALE: 1" = 20'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
PRESENT LAYOUT	
DWG	DRAWING NO:
OF	C5

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MATCH LINE STA. 11+00 SEE SHEET NO. C4A



15

SEVIER AVENUE E/W @ STA. 13+69.49 =
 CLAUDE STREET @ STA. 10+00.00
 N 598361.4375
 E 2588494.7871

- NOTES:
1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 3. ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 4. LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.

LEGEND

- PERVIOUS CONCRETE PAVEMENT (8" THICK) (SEE TYPICAL SECTIONS FOR WIDTH)
- IMPERVIOUS CONCRETE PAVEMENT (ROADWAY 8" THICK), (DRIVEWAYS 6" THICK) (SEE TYPICAL SECTIONS AND CIVIL DETAILS FOR WIDTH ALONG ROADWAY AND PVMT. DESIGN)
- ASPHALT DRIVEWAY OR ALLEY (SEE TYPICAL SECTIONS)
- REINFORCED CONCRETE BOX CULVERT

ALL SIDEWALK CROSSING DRIVEWAYS SHALL HAVE A MINIMUM CONCRETE THICKNESS OF 6".

ALL PAVEMENT MARKINGS ARE 4" IN WIDTH UNLESS OTHERWISE NOTED. SEE SHEET C4A FOR PAVEMENT MARKING ABBREVIATION DESCRIPTIONS.

MATCH LINE STA. 16+50 SEE SHEET NO. C6A

NO.	DATE	DESCRIPTION

CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



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864-574-4775

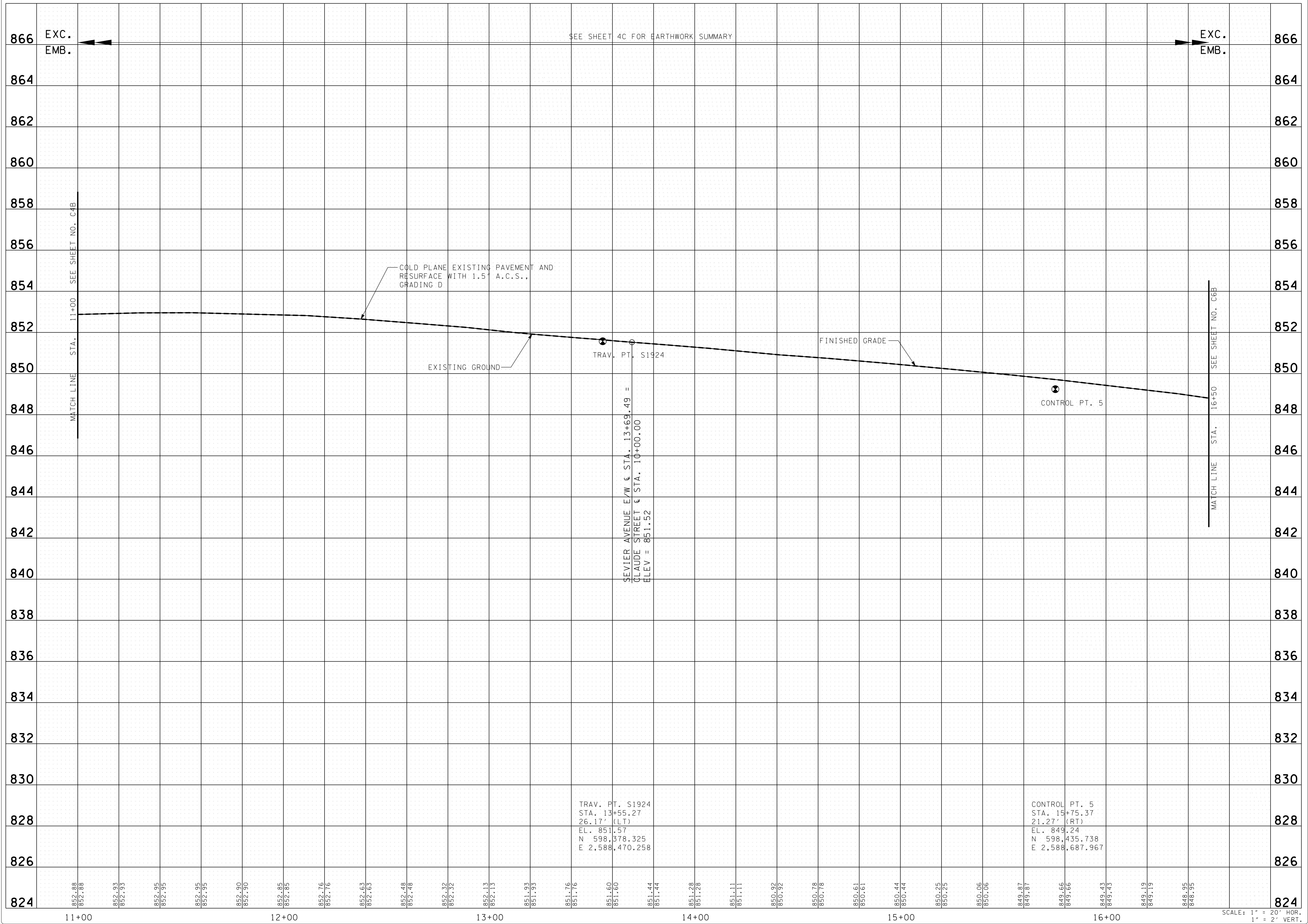
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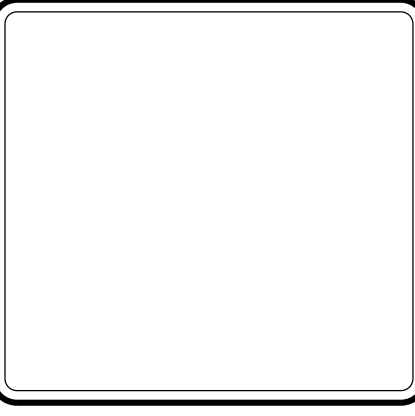
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CHECKED: J.C.E.
JOB NO: 051430-37
SCALE: 1" = 20'
DATE: 08-11-2017
FILE NAME:
DRAWING TITLE: PROPOSED LAYOUT
DWG OF
DRAWING NO: C5A

8/11/2017 12:40:42 PM
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NO.	DATE	DESCRIPTION



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



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 828-253-2796

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 864-574-4775

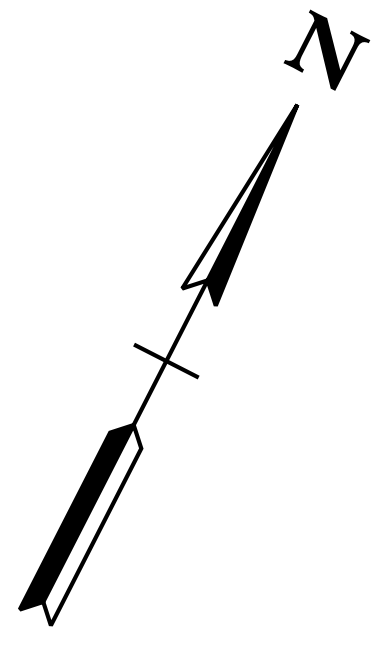
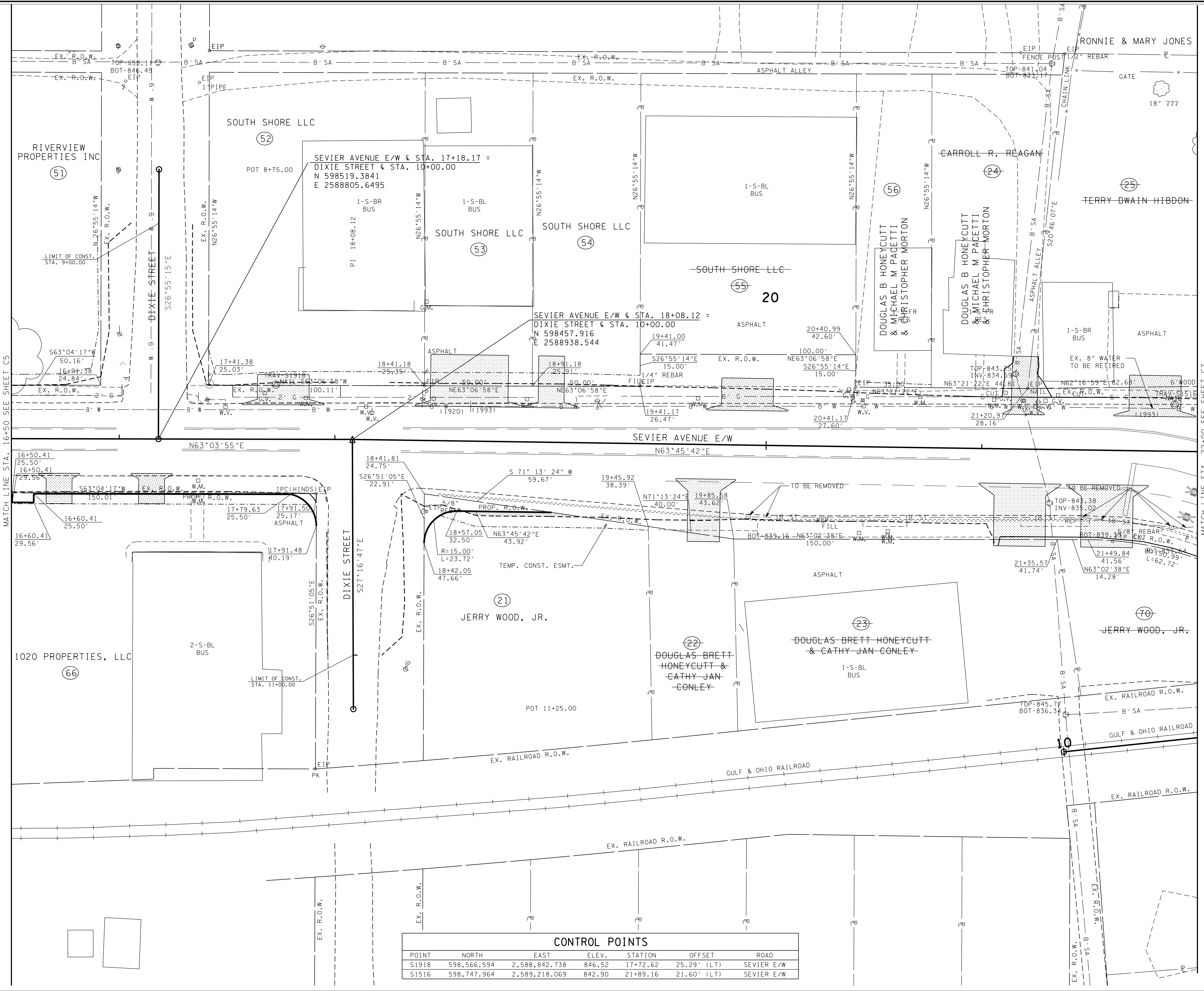
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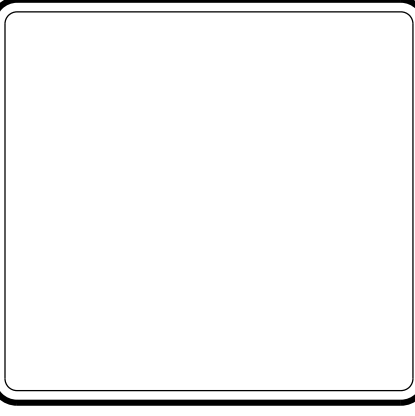
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CHECKED: J.C.E.
JOB NO: 051430-37
SCALE: AS NOTED
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: SEVIER AVENUE EAST-WEST PROFILE
DWG OF
DRAWING NO: C5B

SCALE: 1" = 20' HOR.
 1" = 2' VERT.

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SEVIER AVENUE ROADWAY IMPROVEMENTS

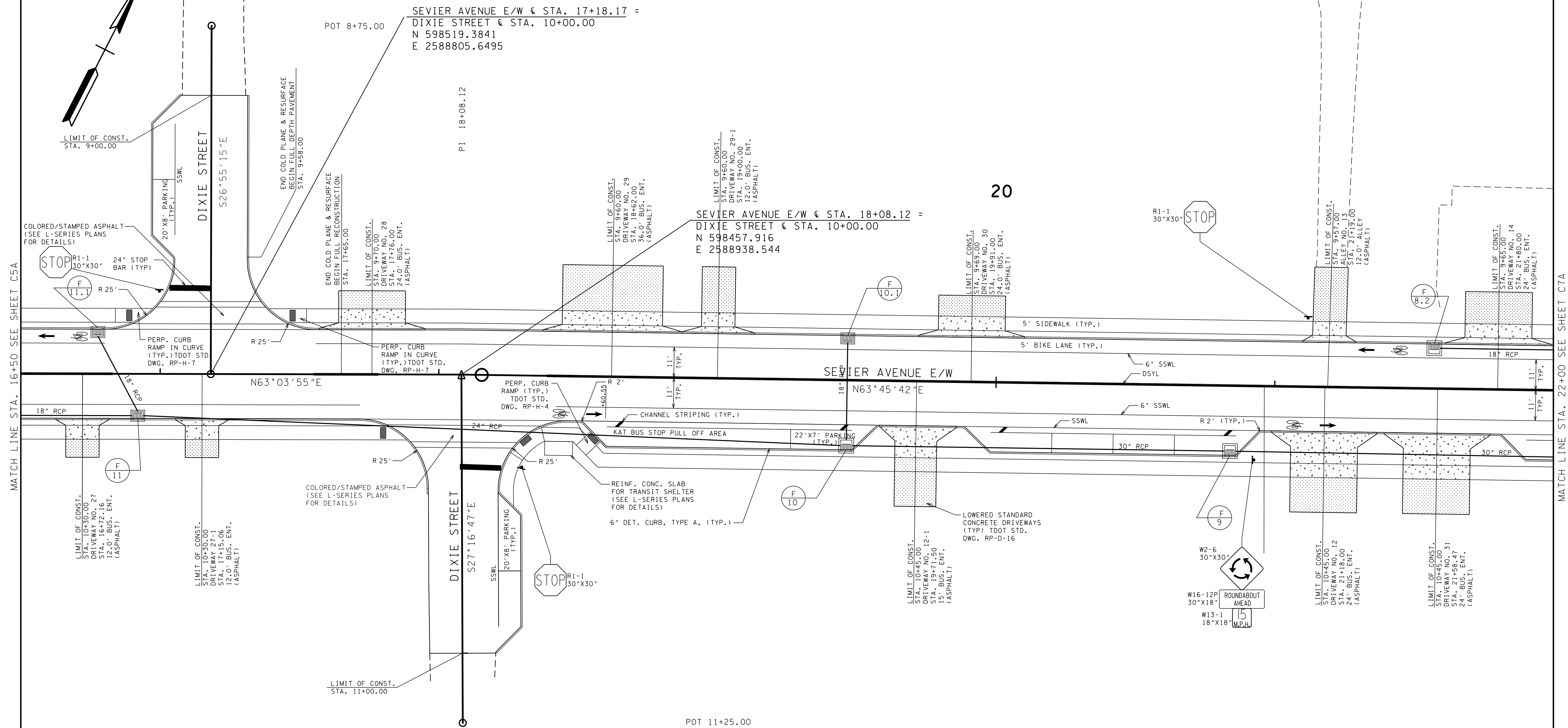


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FILE NAME:
DRAWING TITLE: PRESENT LAYOUT
DWG OF
DRAWING NO: C6

CONTROL POINTS						
POINT	NORTH	EAST	ELEV.	STATION	OFFSET	ROAD
S1918	598,566.594	2,588,842.738	846.52	17+72.62	25.29' (LT)	SEVIER E/W
S1516	598,747.964	2,589,218.069	842.90	21+89.16	21.60' (LT)	SEVIER E/W

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MATCH LINE STA. 16+50 SEE SHEET C5A

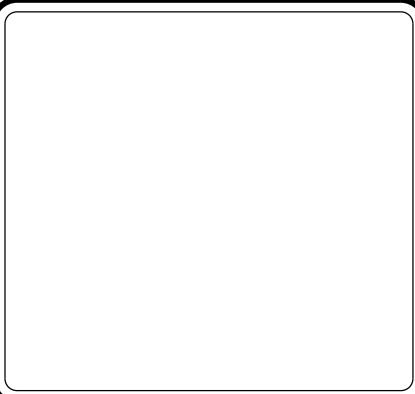
MATCH LINE STA. 22+00 SEE SHEET C7A

- NOTE:
1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 3. ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 4. LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.

LEGEND

- PERVIOUS CONCRETE PAVEMENT (8" THICK) (SEE TYPICAL SECTIONS FOR WIDTH)
 - IMPERVIOUS CONCRETE PAVEMENT (ROADWAY 8" THICK), (DRIVEWAYS 6" THICK) (SEE TYPICAL SECTIONS AND CIVIL DETAILS FOR WIDTH ALONG ROADWAY AND PAVMT. DESIGN)
 - ASPHALT DRIVEWAY OR ALLEY (SEE TYPICAL SECTIONS)
 - REINFORCED CONCRETE BOX CULVERT
- ALL SIDEWALK CROSSING DRIVEWAYS SHALL HAVE A MINIMUM CONCRETE THICKNESS OF 6".
- ALL PAVEMENT MARKINGS ARE 4" IN WIDTH UNLESS OTHERWISE NOTED. SEE SHEET C4A FOR PAVEMENT MARKING ABBREVIATION DESCRIPTIONS.

NO.	DATE	DESCRIPTION



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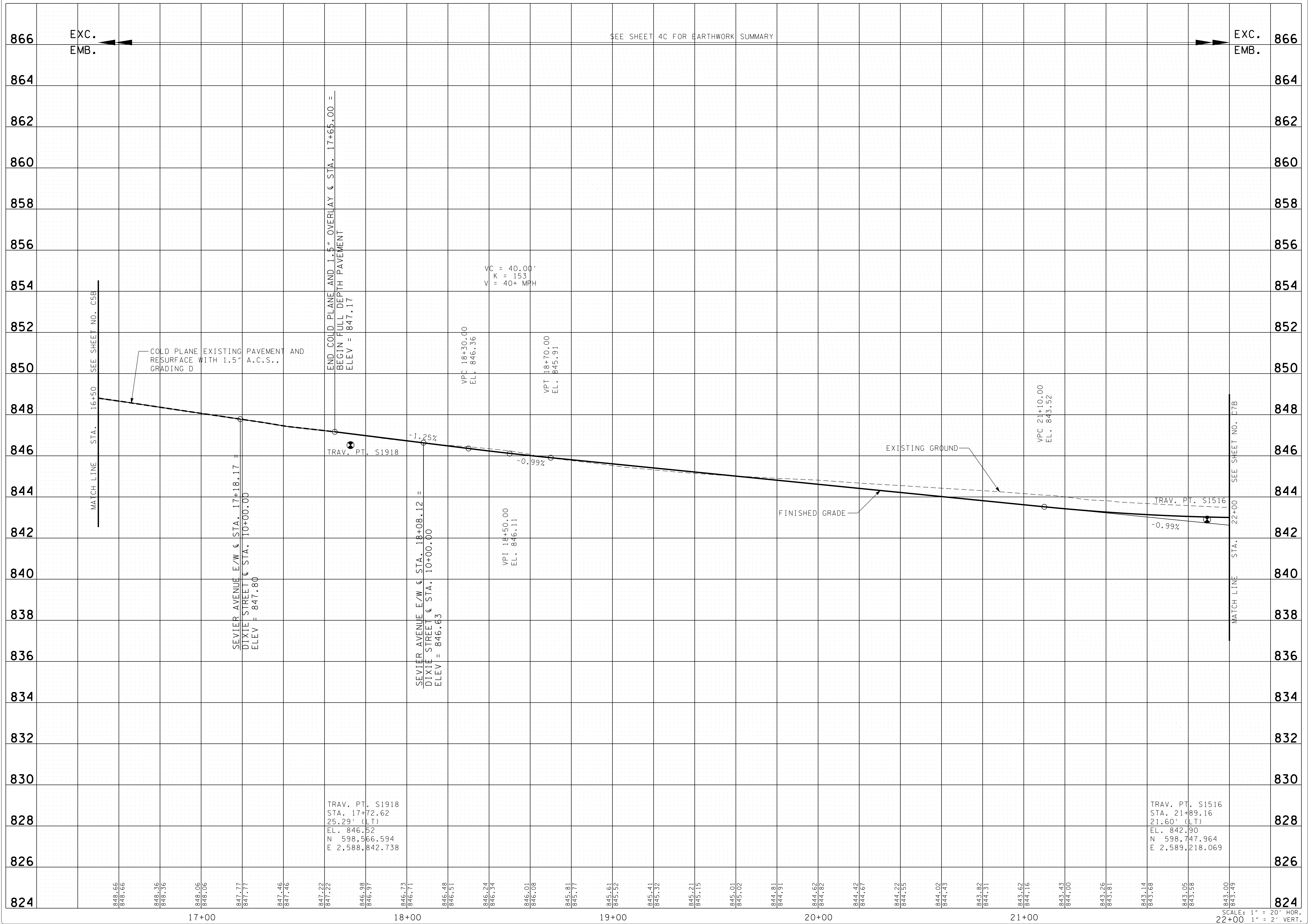
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 DATE: 08-11-2017
 FILE NAME:
 DRAWING TITLE:
PROPOSED LAYOUT

DWG OF: DRAWING NO: C6A

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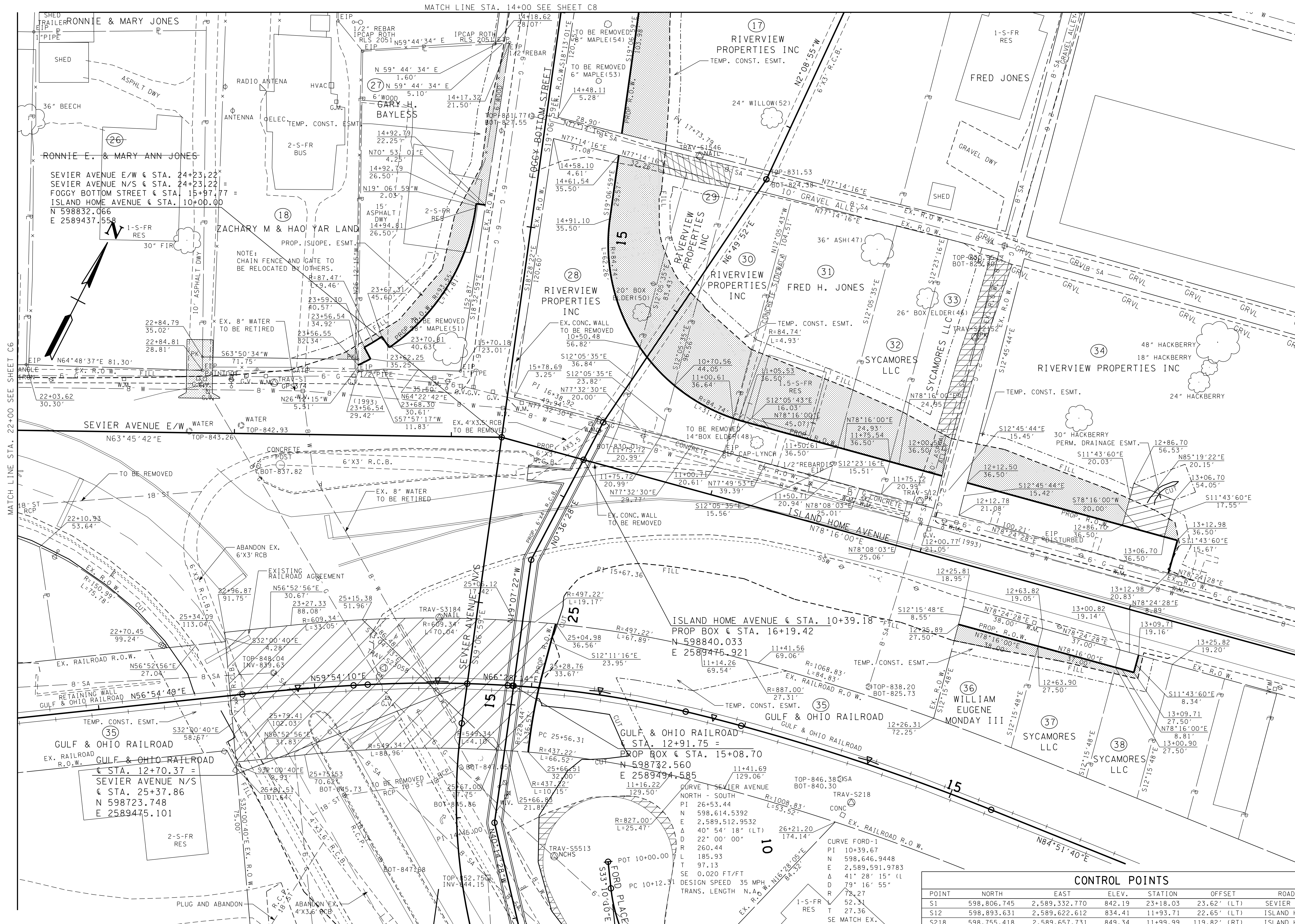


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SCALE: AS NOTED
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FILE NAME:
DRAWING TITLE: SEVIER AVENUE EAST-WEST PROFILE
DWG OF
DRAWING NO: C6B

SCALE: 1" = 20' HOR.
 22+00 1" = 2' VERT.

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MATCH LINE STA. 14+00 SEE SHEET C8

MATCH LINE STA. 22+00 SEE SHEET C6

MATCH LINE STA. 26+50 SEE SHEET C9

NO.	DATE	DESCRIPTION

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 JOB NO: 051430-37
 SCALE: 1" = 20'
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PRESENT LAYOUT

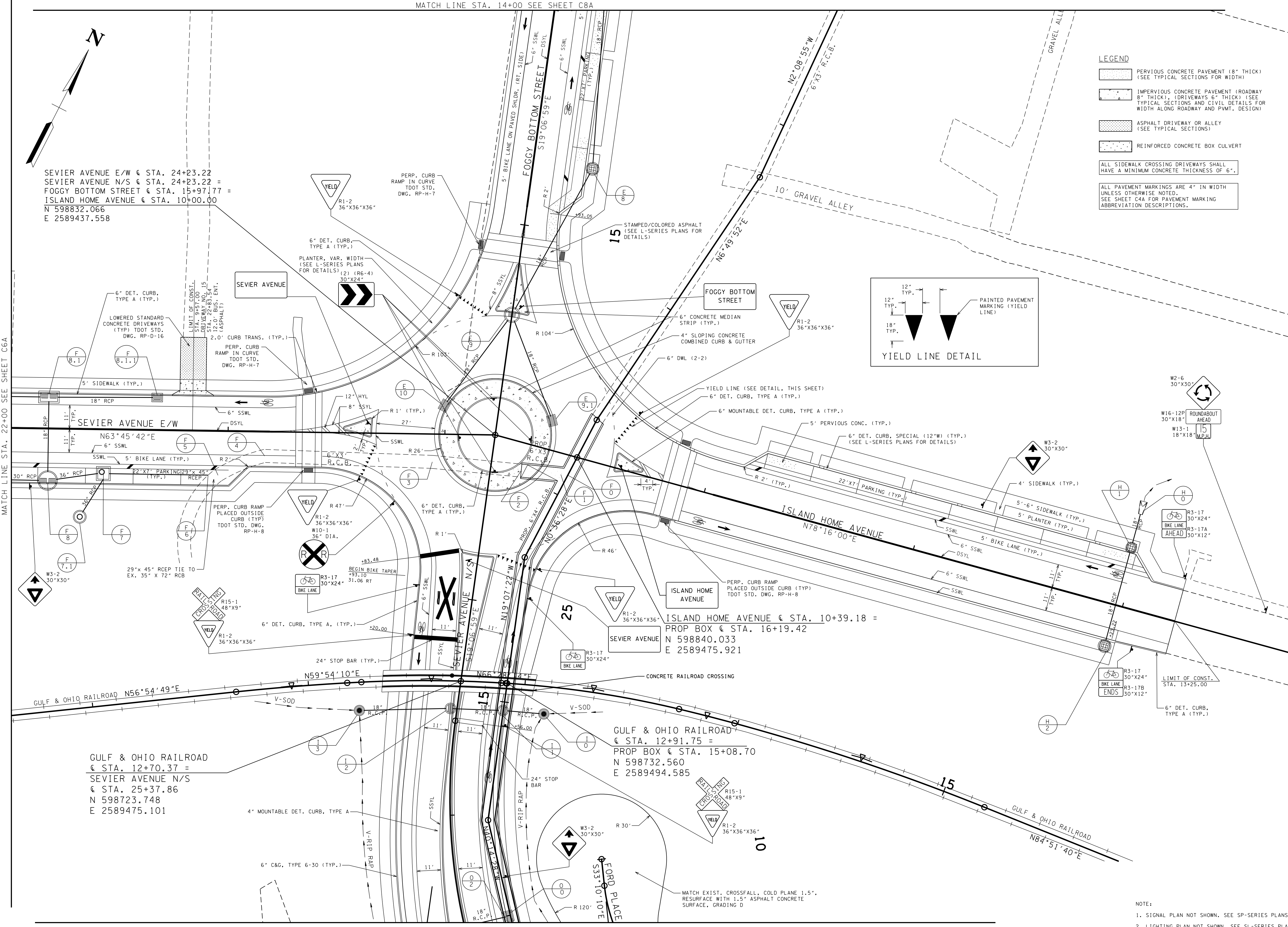
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LEGEND
 AREA TO BE SCARIFIED AND OBLITERATED

CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET	ROAD
S1	598,806.745	2,589,332.770	842.19	23+18.03	23.62' (LT)	SEVIER E/W
S12	598,893.631	2,589,622.612	834.41	11+93.71	22.65' (LT)	ISLAND HOME
S218	598,755.418	2,589,657.731	849.34	11+99.99	119.82' (RT)	ISLAND HOME
S1546	598,989.174	2,589,459.869	831.72	14+56.64	72.53' (LT)	FOGGY BOTTOM
S3184	598,744.988	2,589,449.859	847.39	25+09.52	16.89' (RT)	SEVIER N/S
S5513	598,671.152	2,589,547.057	853.43	26+22.90	43.72' (LT)	SEVIER N/S
S22152	598,972.495	2,589,610.998	830.92	11+98.37	102.23' (LT)	ISLAND HOME

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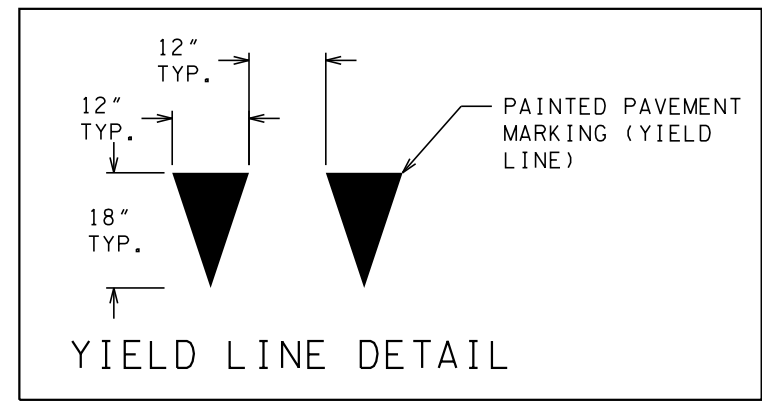
SEVIER AVENUE E/W @ STA. 24+23.22
SEVIER AVENUE N/S @ STA. 24+23.22 =
FOGGY BOTTOM STREET @ STA. 15+97.77 =
ISLAND HOME AVENUE @ STA. 10+00.00
N 598832.066
E 2589437.558

GULF & OHIO RAILROAD
@ STA. 12+70.37 =
SEVIER AVENUE N/S
@ STA. 25+37.86
N 598723.748
E 2589475.101

GULF & OHIO RAILROAD
@ STA. 12+91.75 =
PROP BOX @ STA. 15+08.70
N 598732.560
E 2589494.585

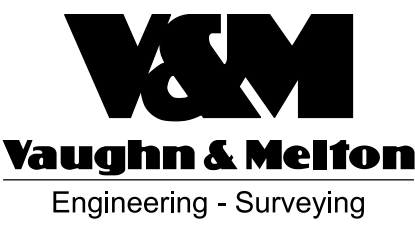
ISLAND HOME AVENUE @ STA. 10+39.18 =
PROP BOX @ STA. 16+19.42
N 598840.033
E 2589475.921

- LEGEND**
- PERVIOUS CONCRETE PAVEMENT (8" THICK) (SEE TYPICAL SECTIONS FOR WIDTH)
 - IMPERVIOUS CONCRETE PAVEMENT (ROADWAY 8" THICK), (DRIVEWAYS 6" THICK) (SEE TYPICAL SECTIONS AND CIVIL DETAILS FOR WIDTH ALONG ROADWAY AND PAVMT. DESIGN)
 - ASPHALT DRIVEWAY OR ALLEY (SEE TYPICAL SECTIONS)
 - REINFORCED CONCRETE BOX CULVERT
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 - ALL PAVEMENT MARKINGS ARE 4" IN WIDTH UNLESS OTHERWISE NOTED. SEE SHEET C4A FOR PAVEMENT MARKING ABBREVIATION DESCRIPTIONS.



NO.	DATE	REVISIONS DESCRIPTION

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SEVIER AVENUE ROADWAY IMPROVEMENTS



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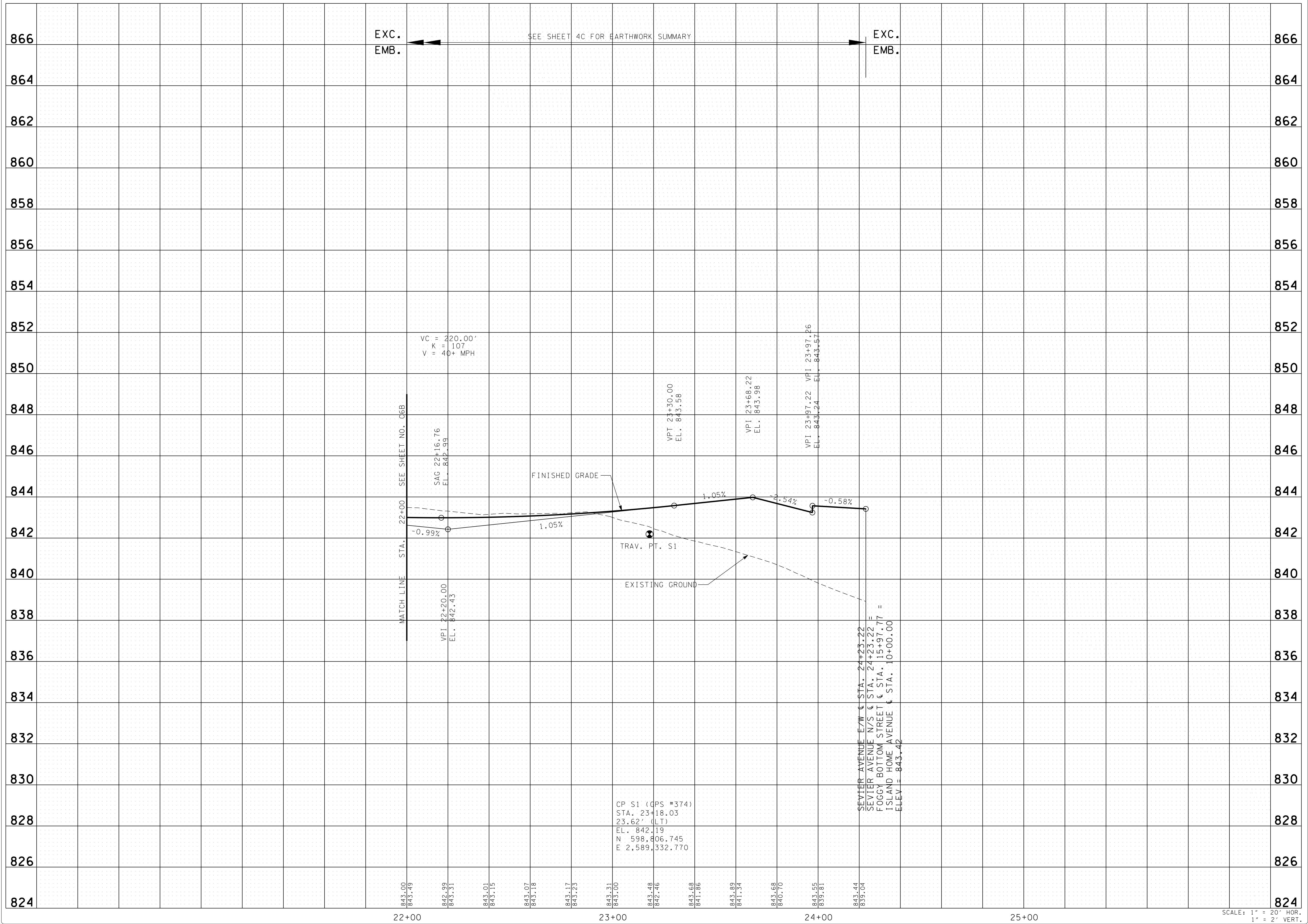
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JOB NO: 051430-37
SCALE: 1" = 20'
DATE: 08-11-2017
FILE NAME:
DRAWING TITLE:
PROPOSED LAYOUT

DWG OF DRAWING NO: C7A

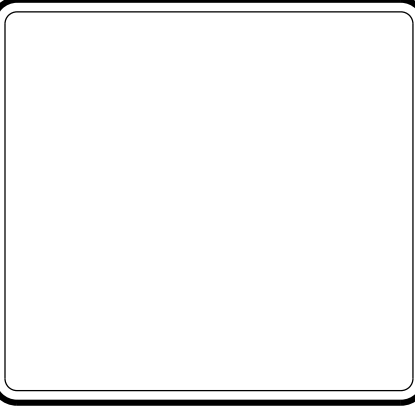
- NOTE:**
- SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 - LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 - ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 - LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.

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SCALE: 1" = 20' HOR.
1" = 2' VERT.

REVISIONS	
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CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



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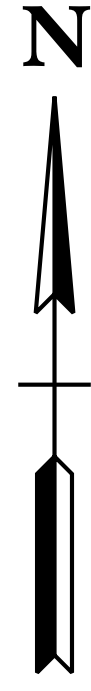
NORTH CAROLINA
828-253-2796

SOUTH CAROLINA
864-574-4775

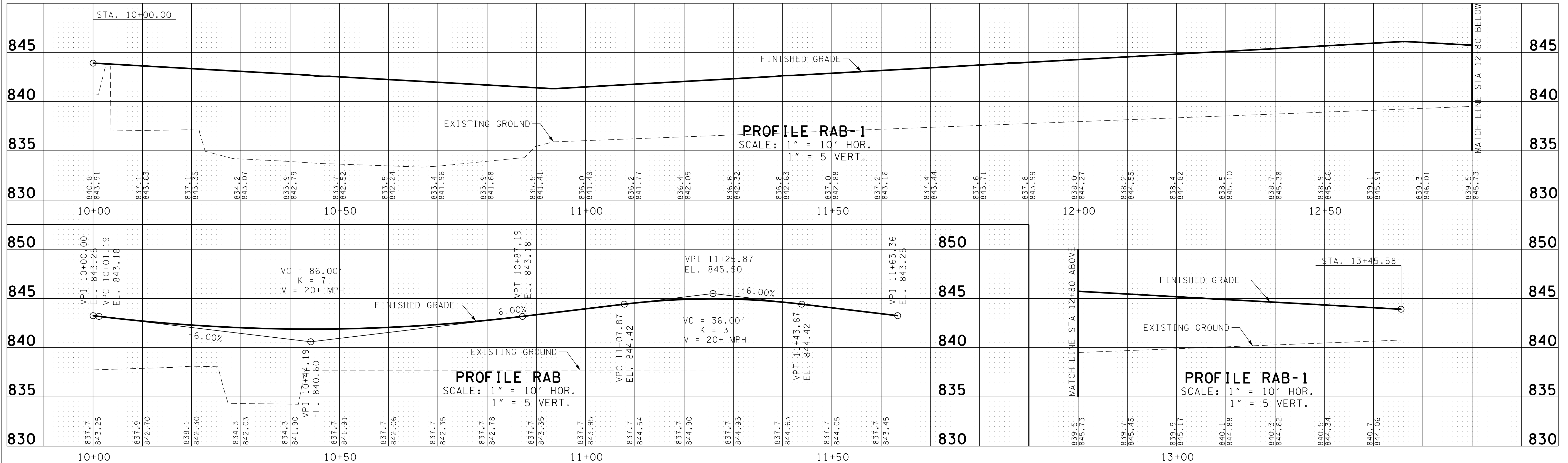
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SCALE: AS NOTED
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: SEVIER AVENUE EAST-WEST PROFILE
DWG OF
DRAWING NO: C7B

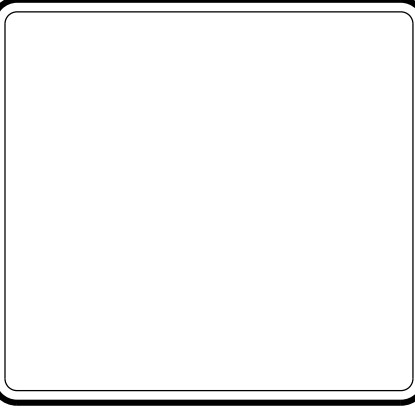


SEVIER AVENUE E/W @ STA. 24+23.22
 SEVIER AVENUE N/S @ STA. 24+23.22 =
 FOGGY BOTTOM STREET @ STA. 15+97.77 =
 ISLAND HOME AVENUE @ STA. 10+00.00
 N 598,832.066
 E 2,589,437.558



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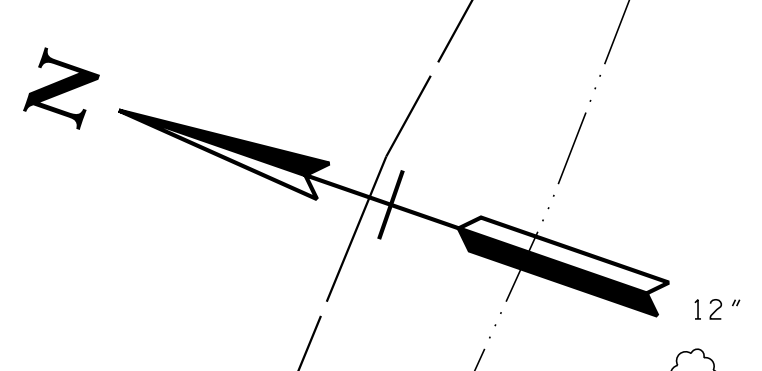
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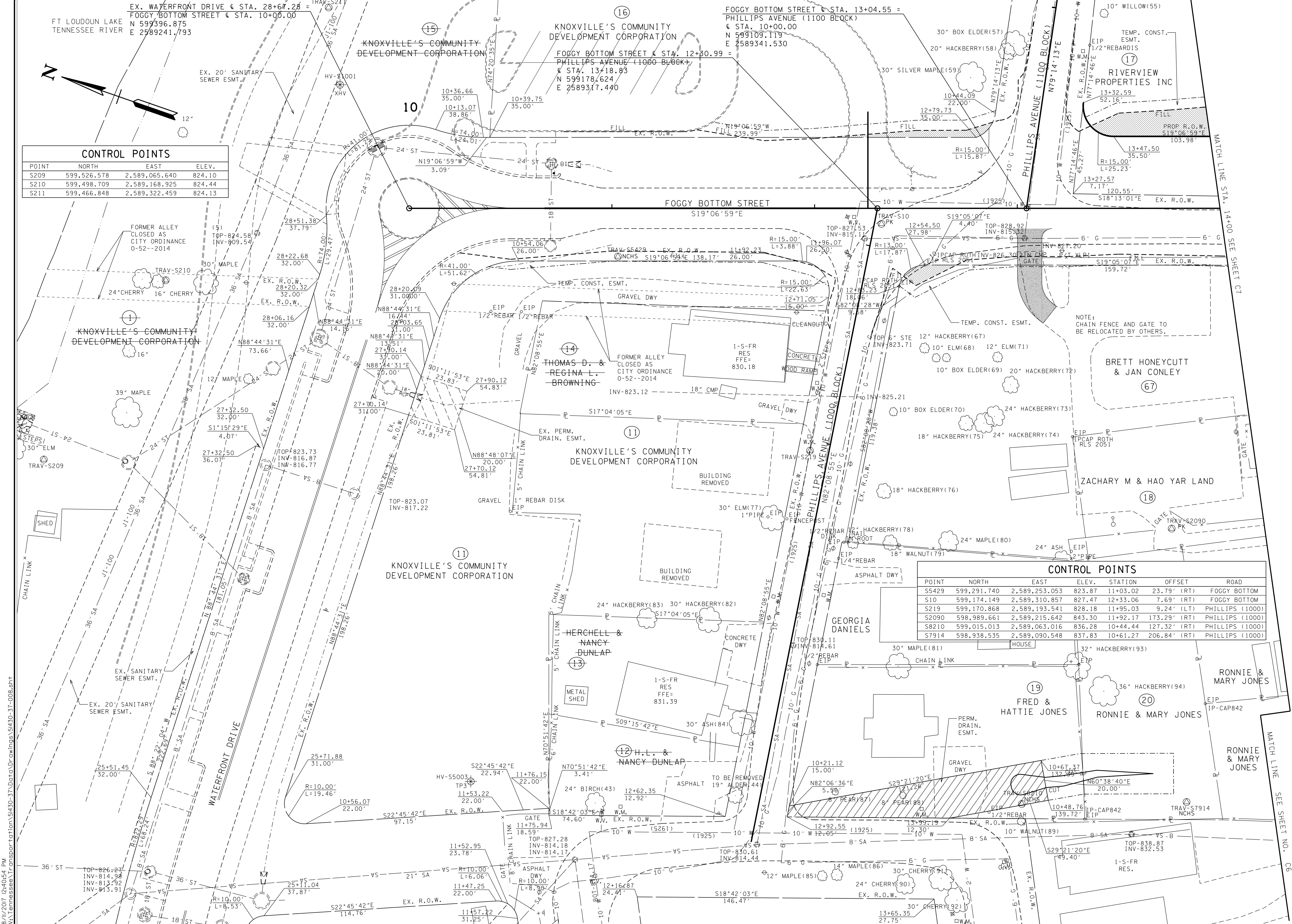
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DRAWING TITLE:	
ROUNDABOUT PLAN AND PROFILES	
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OF	C7C



CONTROL POINTS

POINT	NORTH	EAST	ELEV.
S209	599,526.578	2,589,065.640	824.10
S210	599,498.709	2,589,168.925	824.44
S211	599,466.848	2,589,322.459	824.13



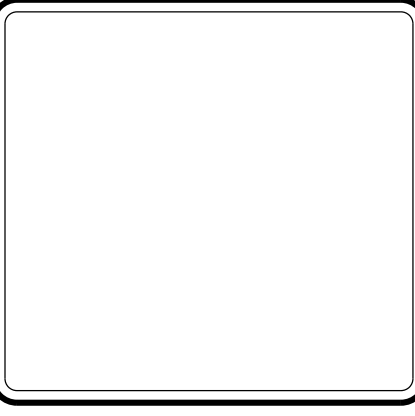
CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET	ROAD
S5429	599,291.740	2,589,253.053	823.87	11+03.02	23.79' (RT)	FOGGY BOTTOM
S10	599,174.149	2,589,310.857	827.47	12+33.06	7.69' (RT)	FOGGY BOTTOM
S219	599,170.868	2,589,193.541	828.18	11+95.03	9.24' (LT)	PHILLIPS (1000)
S2090	598,989.661	2,589,215.642	843.30	11+92.17	173.29' (RT)	PHILLIPS (1000)
S8210	599,015.013	2,589,063.016	836.28	10+44.44	127.32' (RT)	PHILLIPS (1000)
S7914	598,938.535	2,589,090.548	837.83	10+61.27	206.84' (RT)	PHILLIPS (1000)

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REVISIONS

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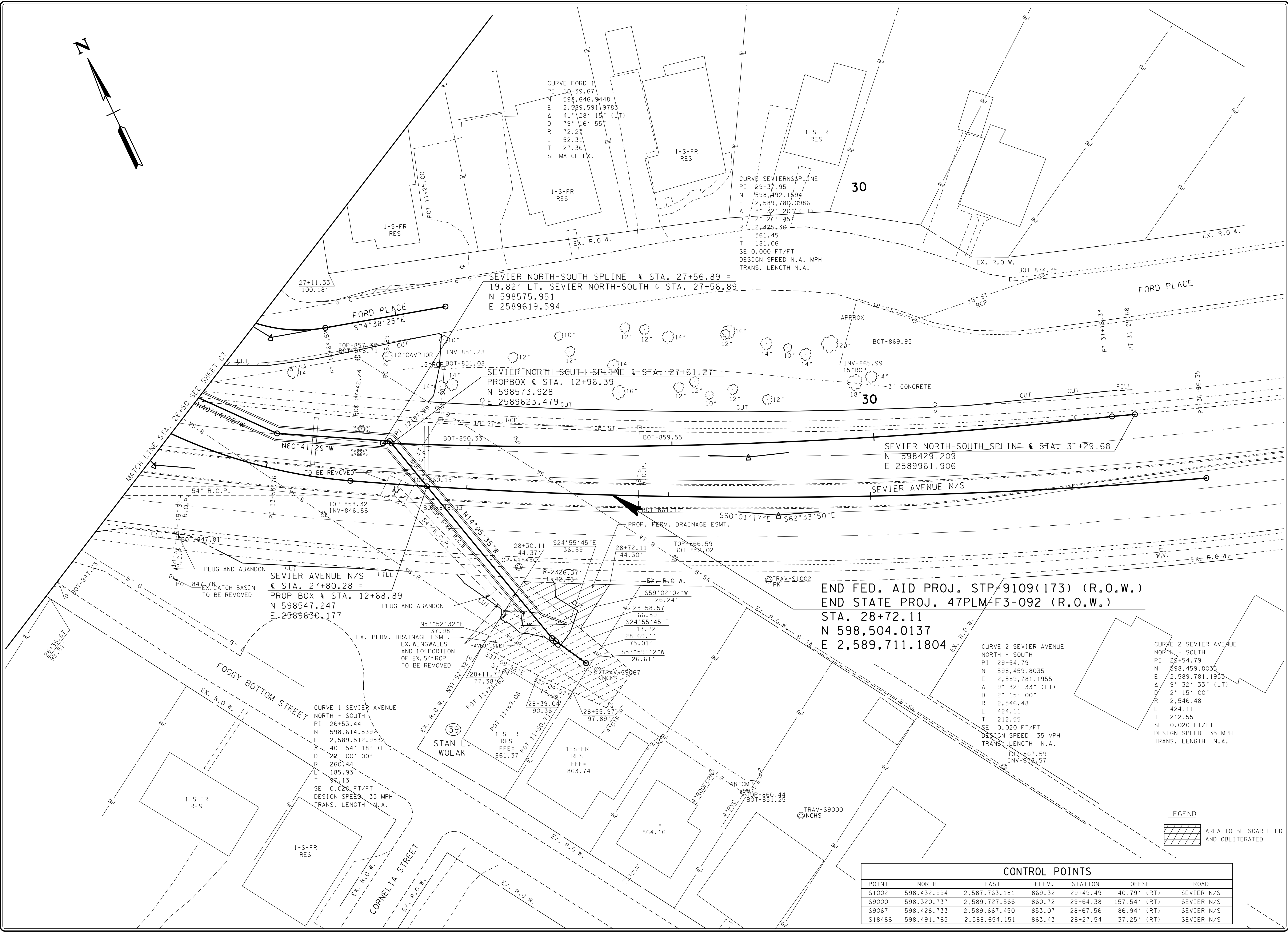
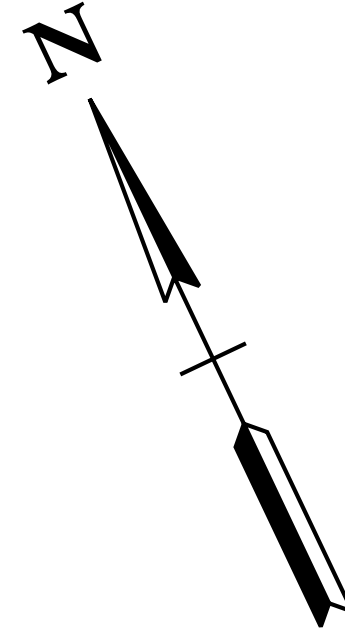
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 FILE NAME:
 DRAWING TITLE:
PRESENT LAYOUT

DWG	DRAWING NO:
OF	C8



CURVE FORD-1
 PI 10+39.67
 N 598,646.9448
 E 2,989,591.9783
 Δ 41° 28' 15" (LT)
 D 79' 16' 55"
 R 72.27
 L 52.31
 T 27.36
 SE MATCH EX.

CURVE SEVIERNSSPLINE
 PI 29+37.95
 N 598,492.1594
 E 2,589,780.0986
 Δ 8° 32' 20" (LT)
 D 2' 21' 45"
 R 2,425.30
 L 361.45
 T 181.06
 SE 0.000 FT/FT
 DESIGN SPEED N.A. MPH
 TRANS. LENGTH N.A.

SEVIER NORTH-SOUTH SPLINE @ STA. 27+56.89 =
 19.82' LT. SEVIER NORTH-SOUTH @ STA. 27+56.89
 N 598575.951
 E 2589619.594

SEVIER NORTH-SOUTH SPLINE @ STA. 27+61.27 =
 PROPBOX @ STA. 12+96.39
 N 598573.928
 E 2589623.479

SEVIER NORTH-SOUTH SPLINE @ STA. 31+29.68
 N 598429.209
 E 2589961.906

SEVIER AVENUE N/S
 @ STA. 27+80.28 =
 PROP BOX @ STA. 12+68.89
 N 598547.247
 E 2589630.177

END FED. AID PROJ. STP/9109(173) (R.O.W.)
 END STATE PROJ. 47PLM/F3-092 (R.O.W.)
 STA. 28+72.11
 N 598,504.0137
 E 2,589,711.1804

CURVE 2 SEVIER AVENUE
 NORTH - SOUTH
 PI 29+54.79
 N 598,459.8035
 E 2,589,781.1955
 Δ 9° 32' 33" (LT)
 D 2° 15' 00"
 R 2,546.48
 L 424.11
 T 212.55
 SE 0.020 FT/FT
 DESIGN SPEED 35 MPH
 TRANS. LENGTH N.A.

CURVE 2 SEVIER AVENUE
 NORTH - SOUTH
 PI 28+54.79
 N 598,459.8035
 E 2,589,781.1955
 Δ 9° 32' 33" (LT)
 D 2° 15' 00"
 R 2,546.48
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 T 212.55
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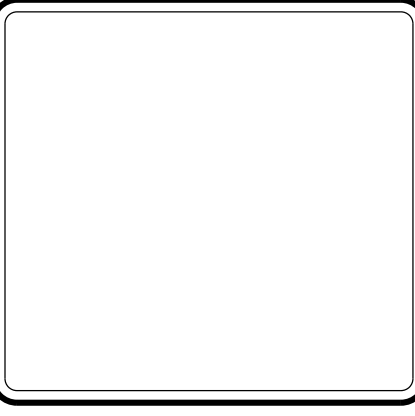
CURVE 1 SEVIER AVENUE
 NORTH - SOUTH
 PI 26+53.44
 N 598,614.5392
 E 2,589,512.9532
 Δ 40° 54' 18" (LT)
 D 22° 00' 00"
 R 260.44
 L 185.93
 T 97.13
 SE 0.020 FT/FT
 DESIGN SPEED 35 MPH
 TRANS. LENGTH N.A.

STAN L. WOLAK

LEGEND
 AREA TO BE SCARIFIED AND OBLITERATED

POINT	NORTH	EAST	ELEV.	STATION	OFFSET	ROAD
S1002	598,432.994	2,587,763.181	869.32	29+49.49	40.79' (RT)	SEVIER N/S
S9000	598,320.737	2,589,727.566	860.72	29+64.38	157.54' (RT)	SEVIER N/S
S9067	598,428.733	2,589,667.450	853.07	28+67.56	86.94' (RT)	SEVIER N/S
S18486	598,491.765	2,589,654.151	863.43	28+27.54	37.25' (RT)	SEVIER N/S

NO.	DATE	DESCRIPTION



CITY OF KNOXVILLE, TENNESSEE
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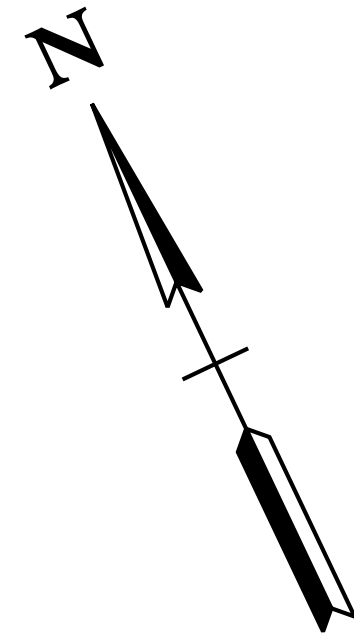


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 CHECKED: J.C.E.
 JOB NO: 051430-37
 SCALE: 1" = 20'
 DATE: 06-30-2017
 FILE NAME:
 DRAWING TITLE:
 PRESENT LAYOUT

DWG OF: DRAWING NO: C9

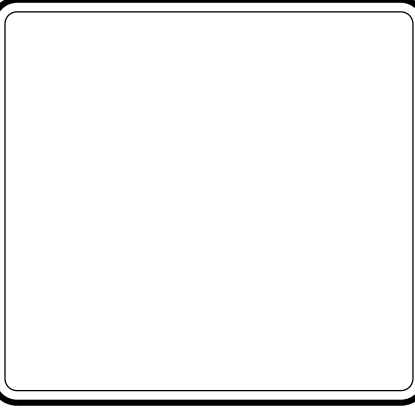
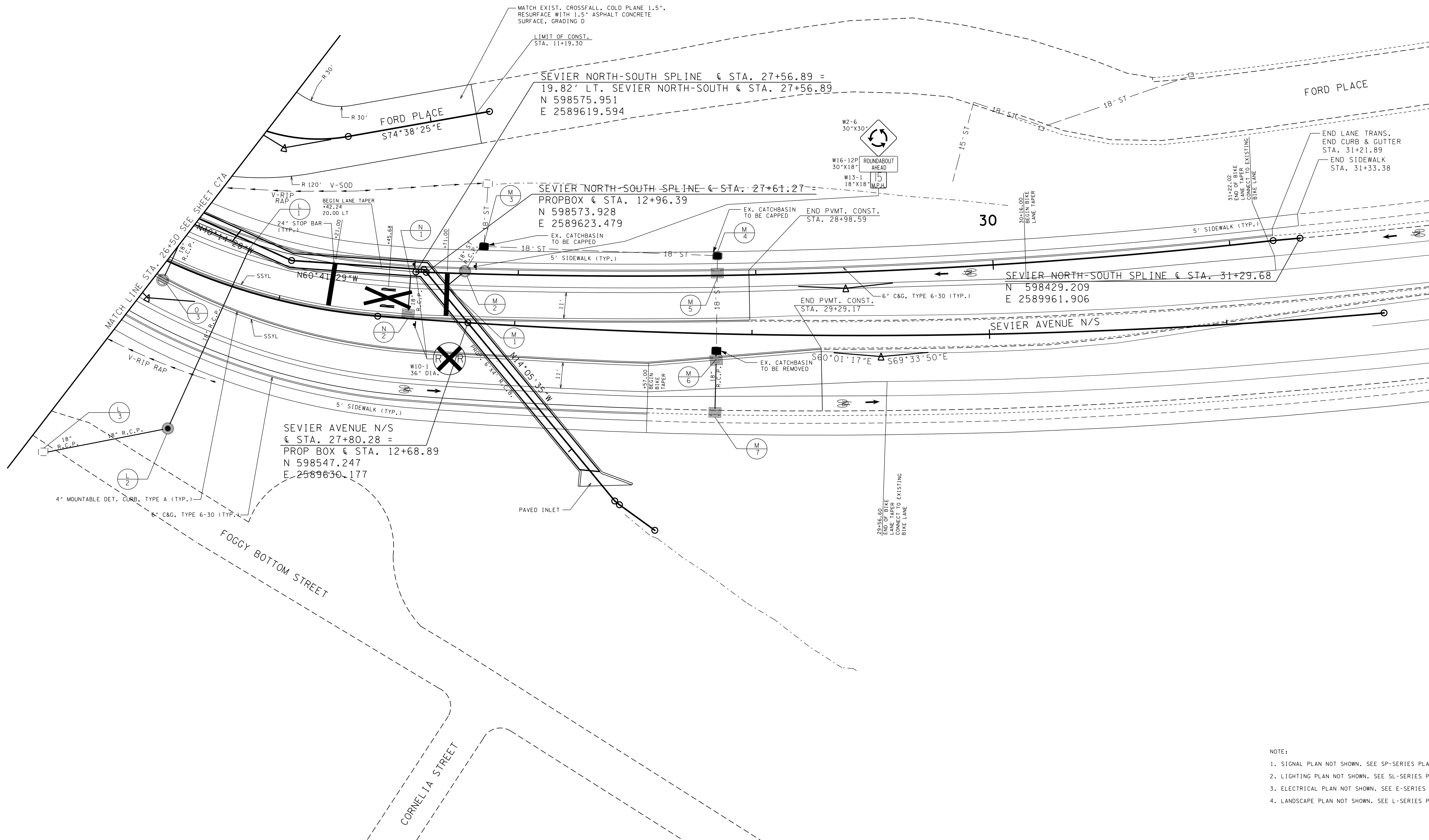
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LEGEND

- PERVIOUS CONCRETE PAVEMENT (8" THICK)
(SEE TYPICAL SECTIONS FOR WIDTH)
 - IMPERVIOUS CONCRETE PAVEMENT (ROADWAY
8" THICK), (DRIVEWAYS 6" THICK) (SEE
TYPICAL SECTIONS AND CIVIL DETAILS FOR
WIDTH ALONG ROADWAY AND PVMT. DESIGN)
 - ASPHALT DRIVEWAY OR ALLEY
(SEE TYPICAL SECTIONS)
 - REINFORCED CONCRETE BOX CULVERT
- ALL SIDEWALK CROSSING DRIVEWAYS SHALL
HAVE A MINIMUM CONCRETE THICKNESS OF 6".
- ALL PAVEMENT MARKINGS ARE 4" IN WIDTH
UNLESS OTHERWISE NOTED.
SEE SHEET C4A FOR PAVEMENT MARKING
ABBREVIATION DESCRIPTIONS.

30



CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS



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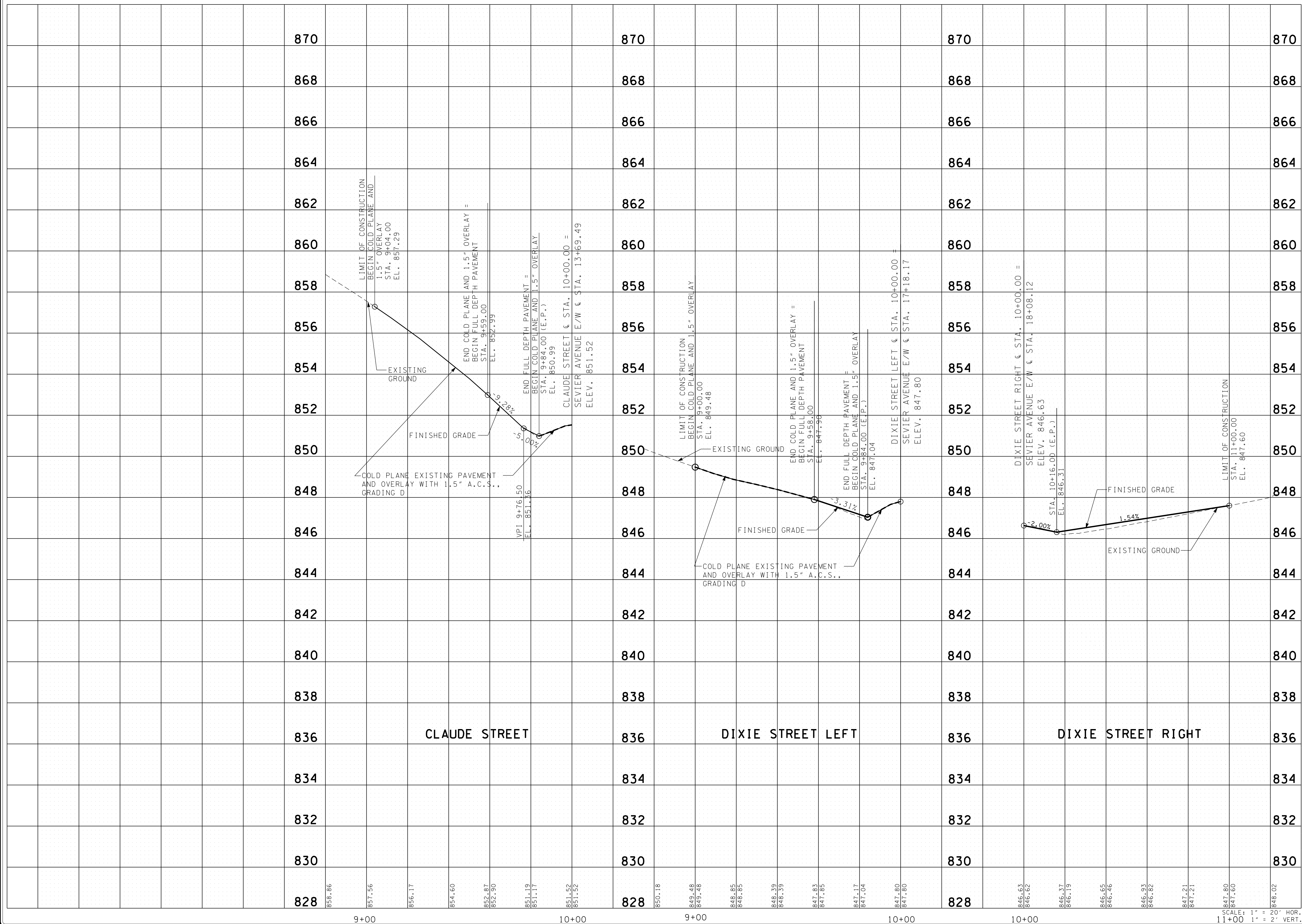
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CHECKED: J.C.E.
JOB NO: 051430-37
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DATE: 06-30-2017
FILE NAME:
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OF	C9A

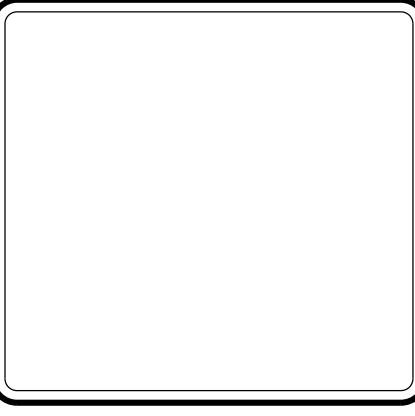
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 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 3. ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 4. LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.

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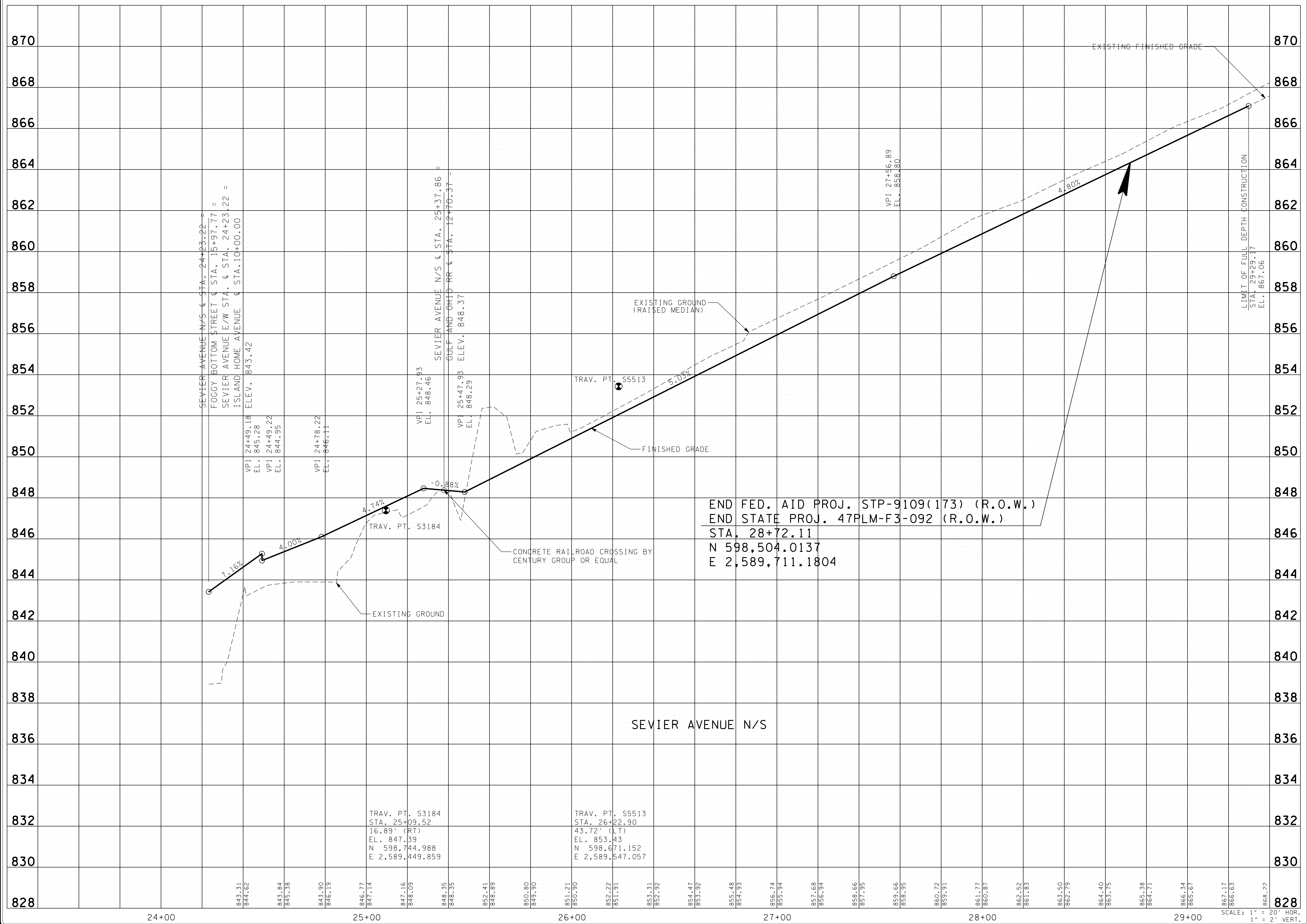


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SCALE: AS NOTED
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FILE NAME:
DRAWING TITLE: SIDE ROADS PROFILES
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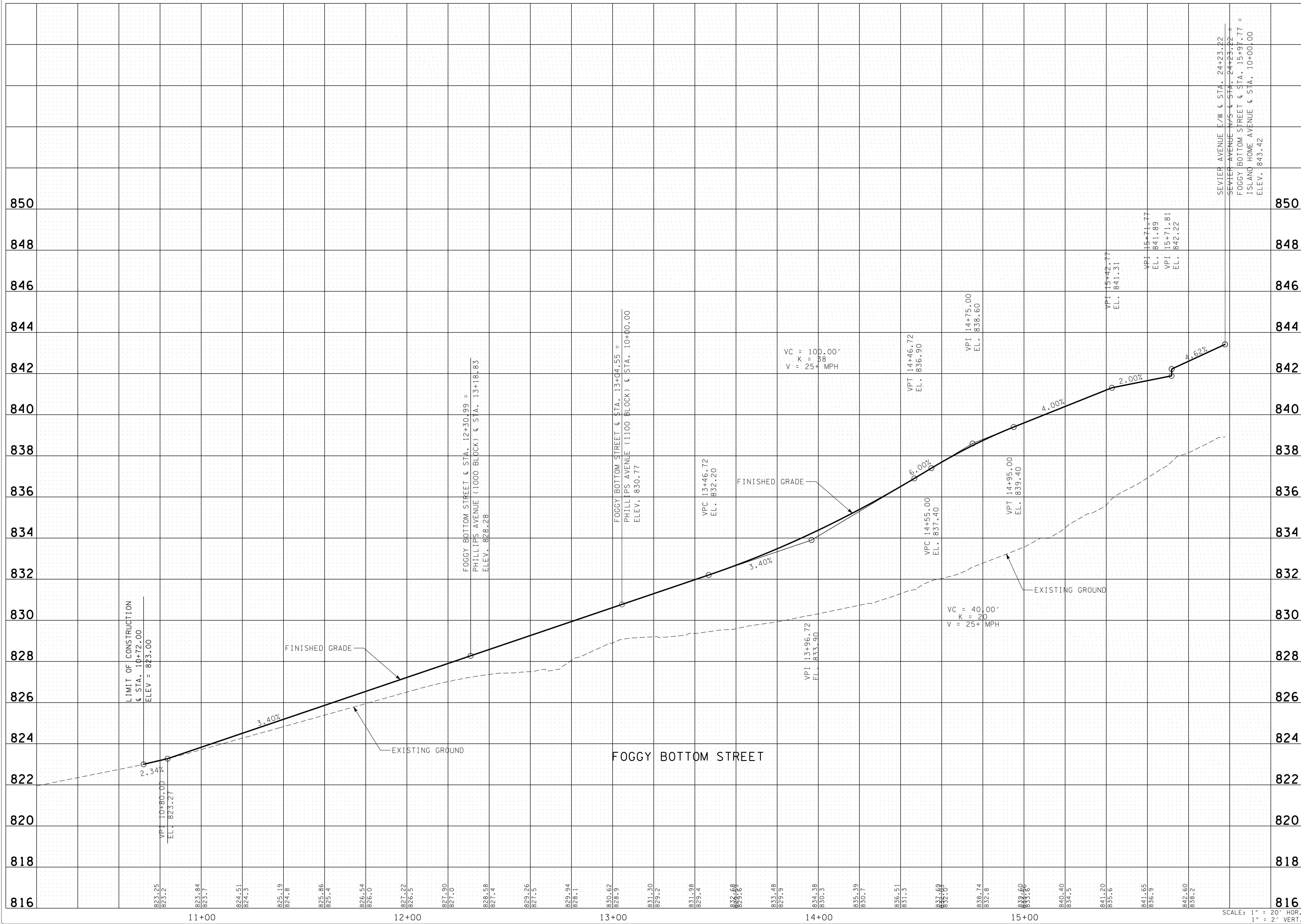
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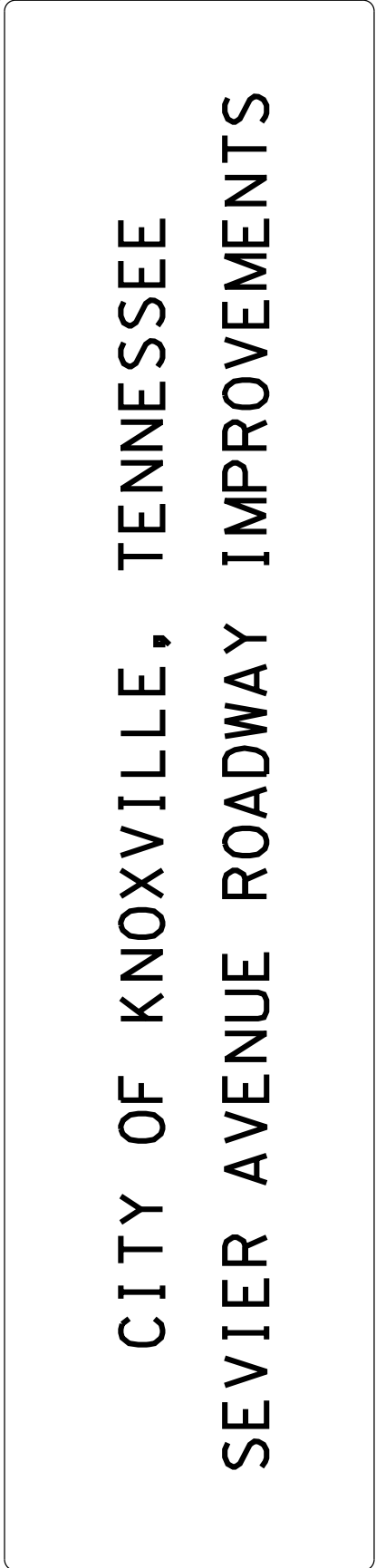
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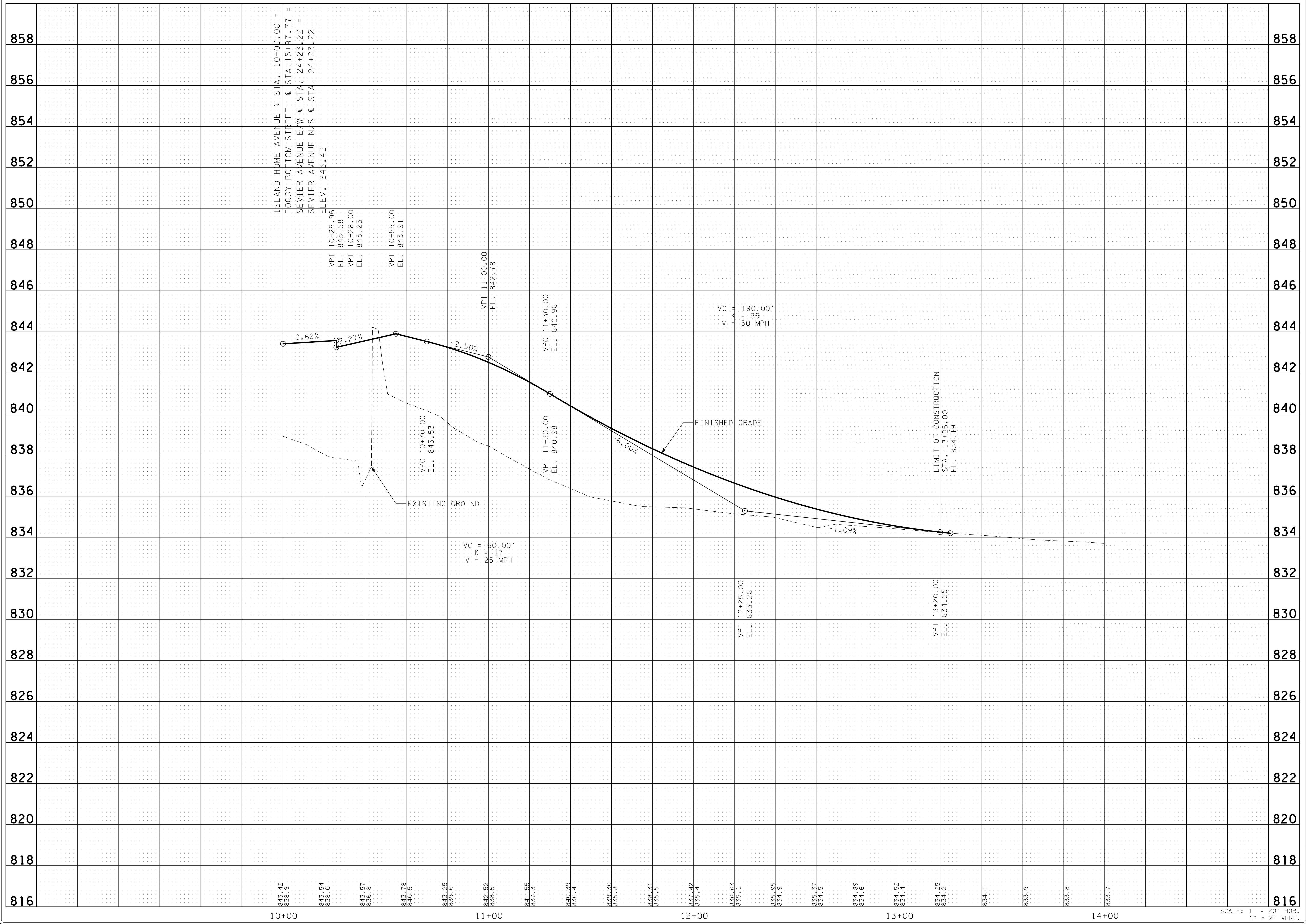
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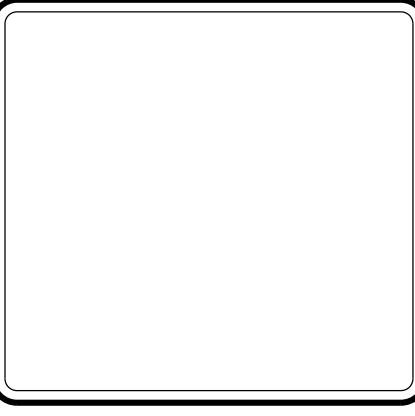
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FILE NAME:
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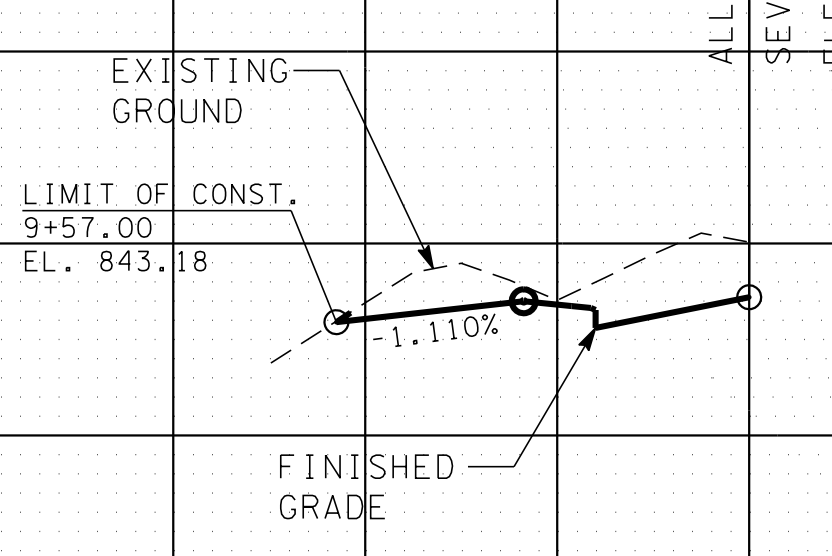
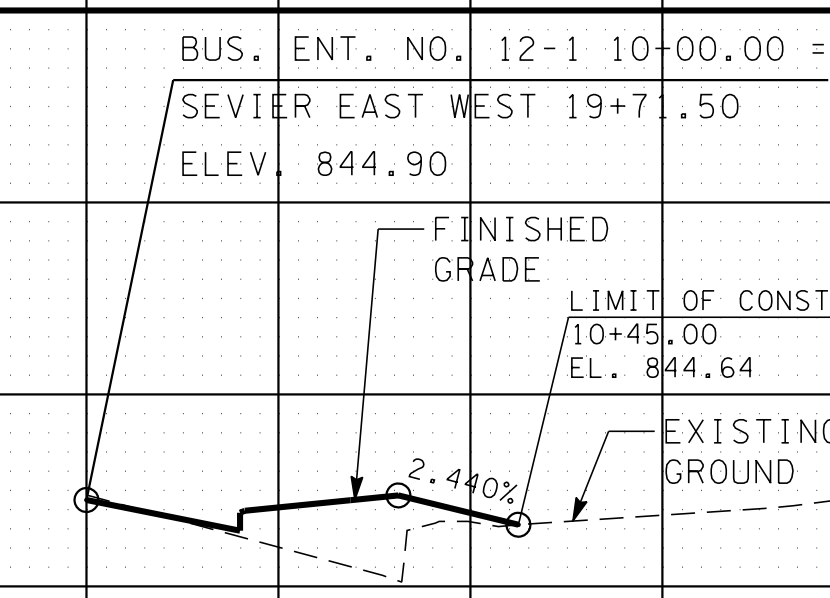
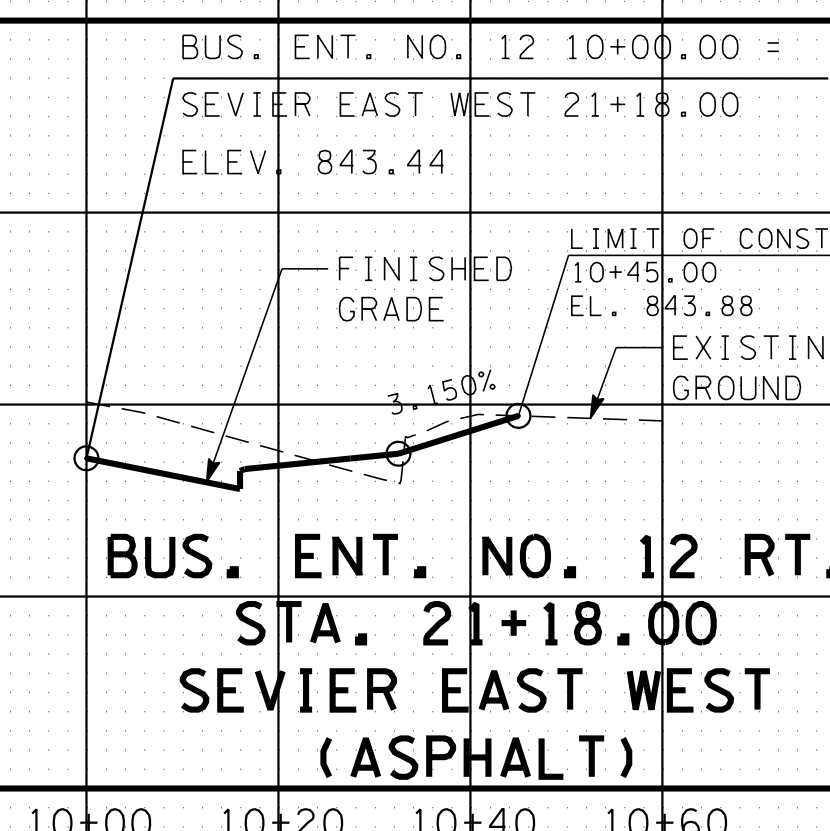
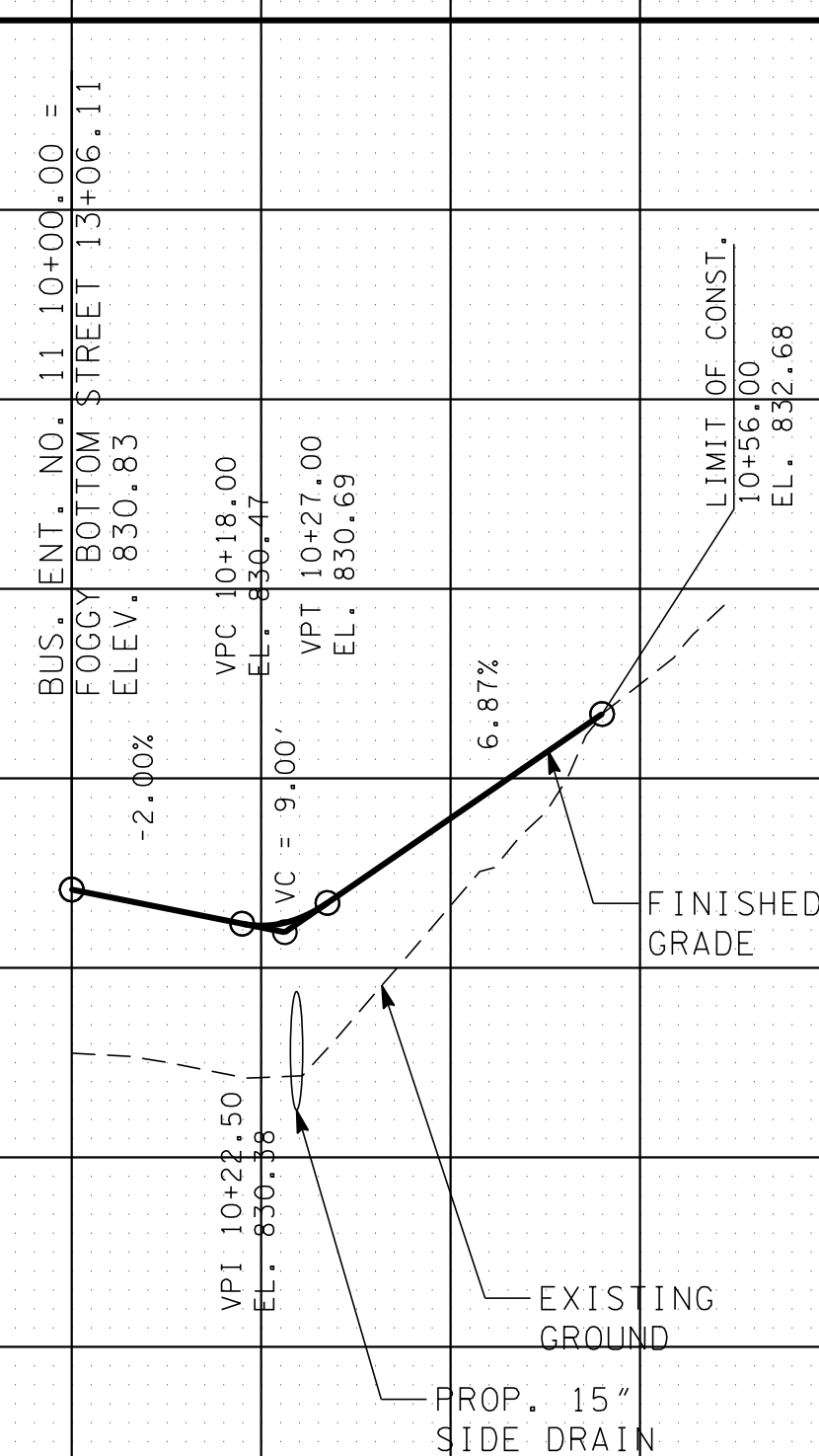
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CHECKED: J.C.E.
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SCALE: AS NOTED
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FILE NAME:
DRAWING TITLE: ISLAND HOME AVENUE PROFILE
DWG OF
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 1" = 2' VERT.

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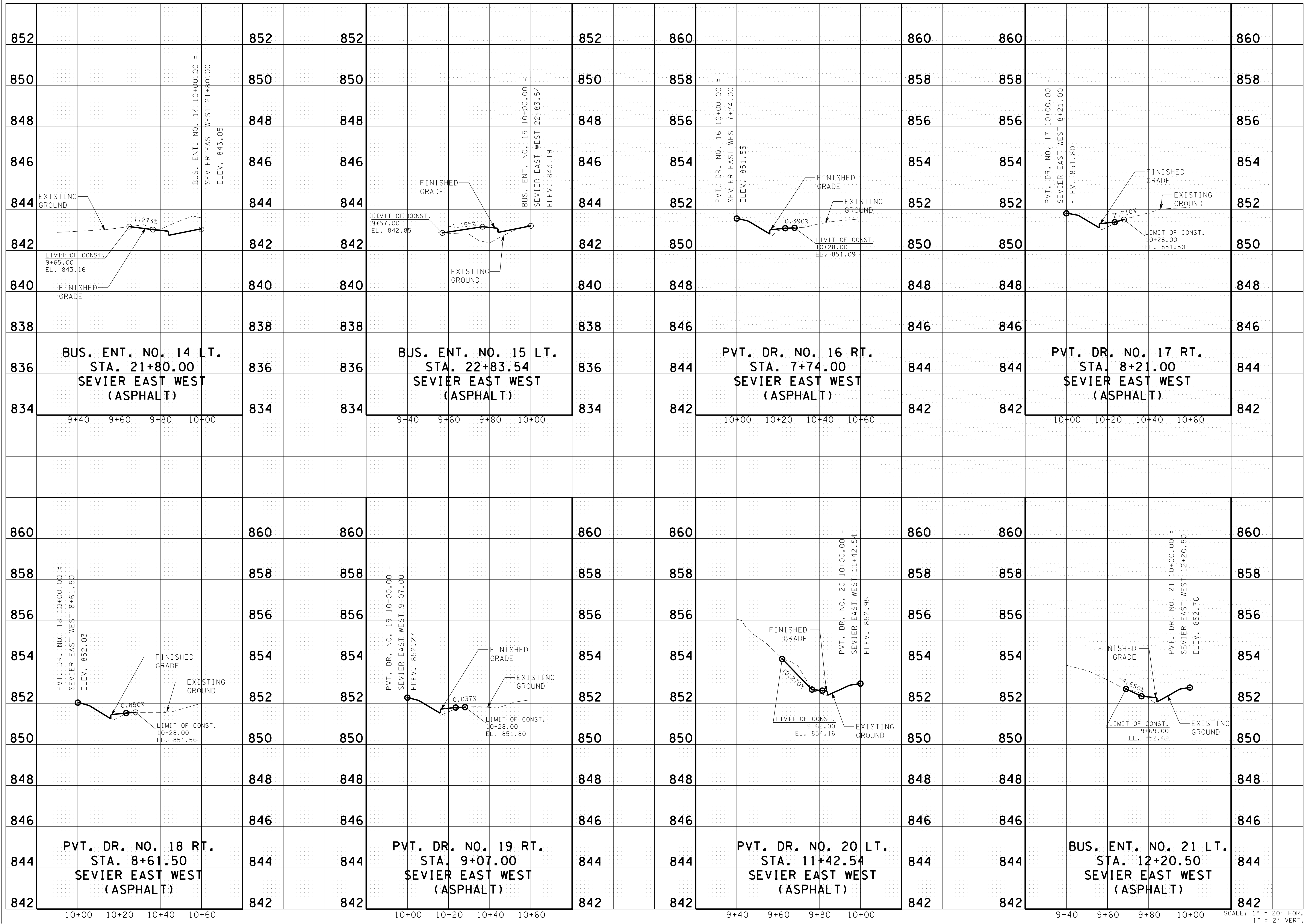
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PROFILES

DWG OF DRAWING NO: C15

SCALE: 1" = 20' HOR.
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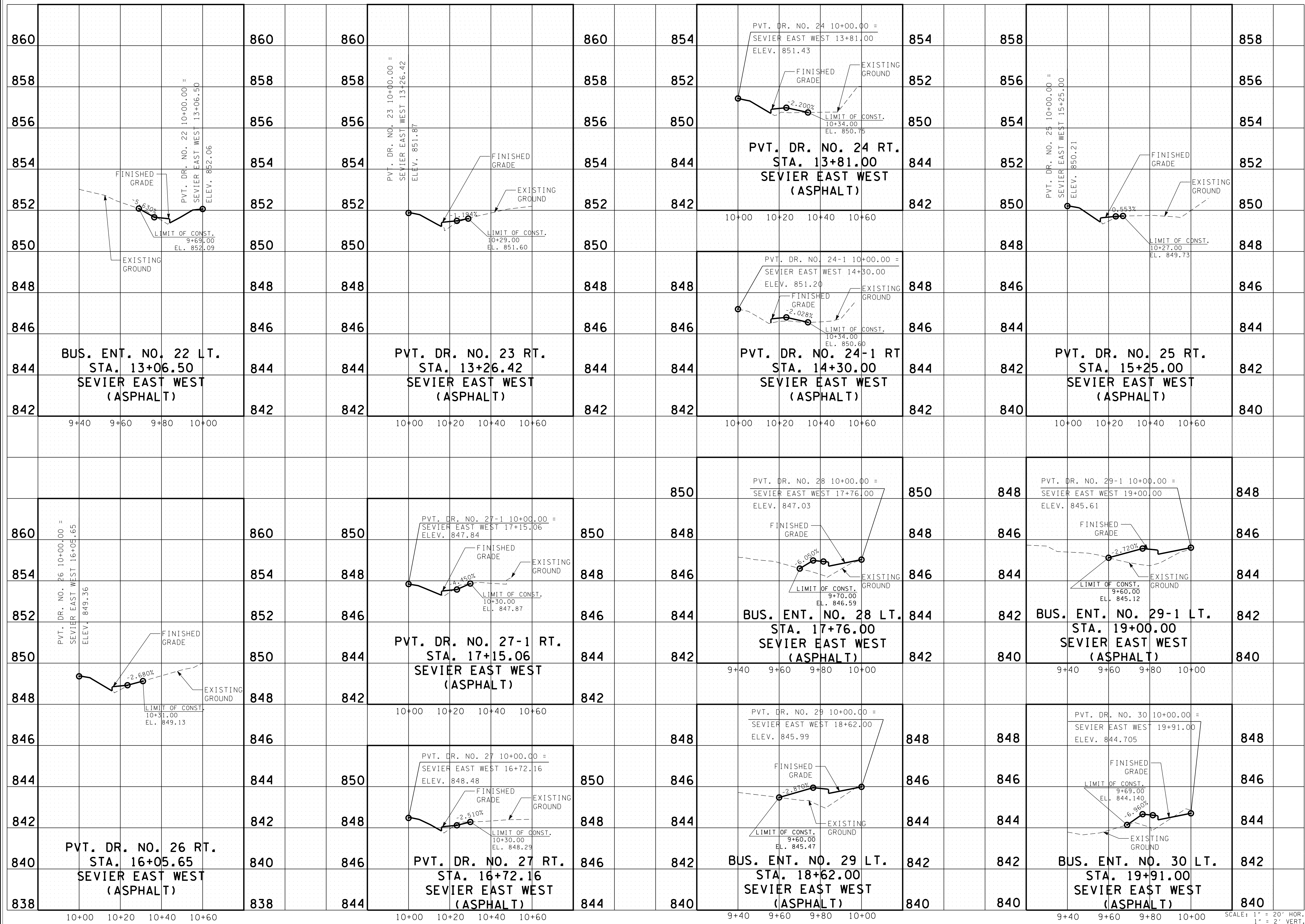
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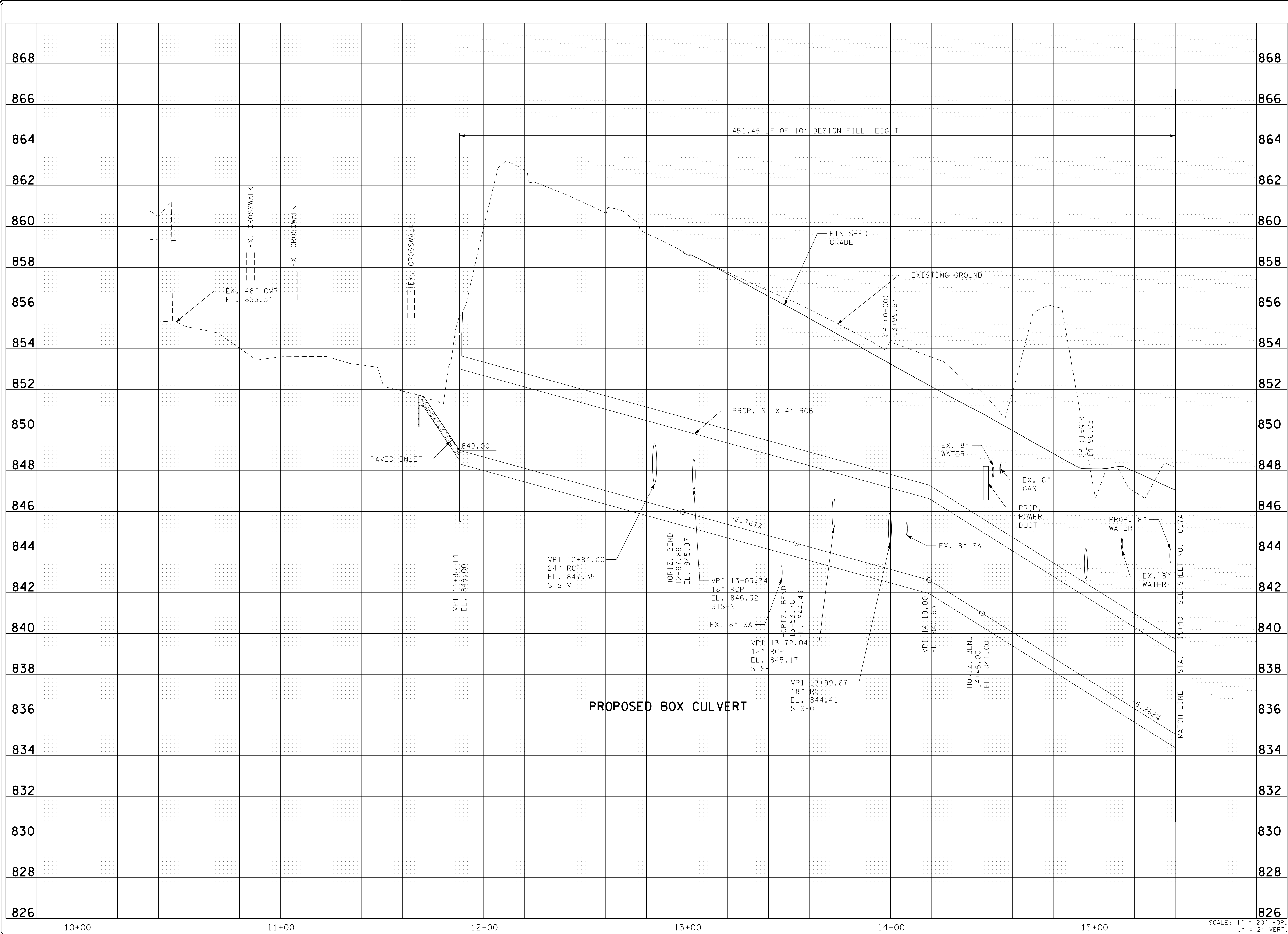
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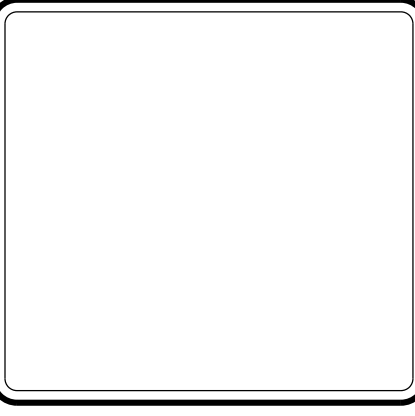
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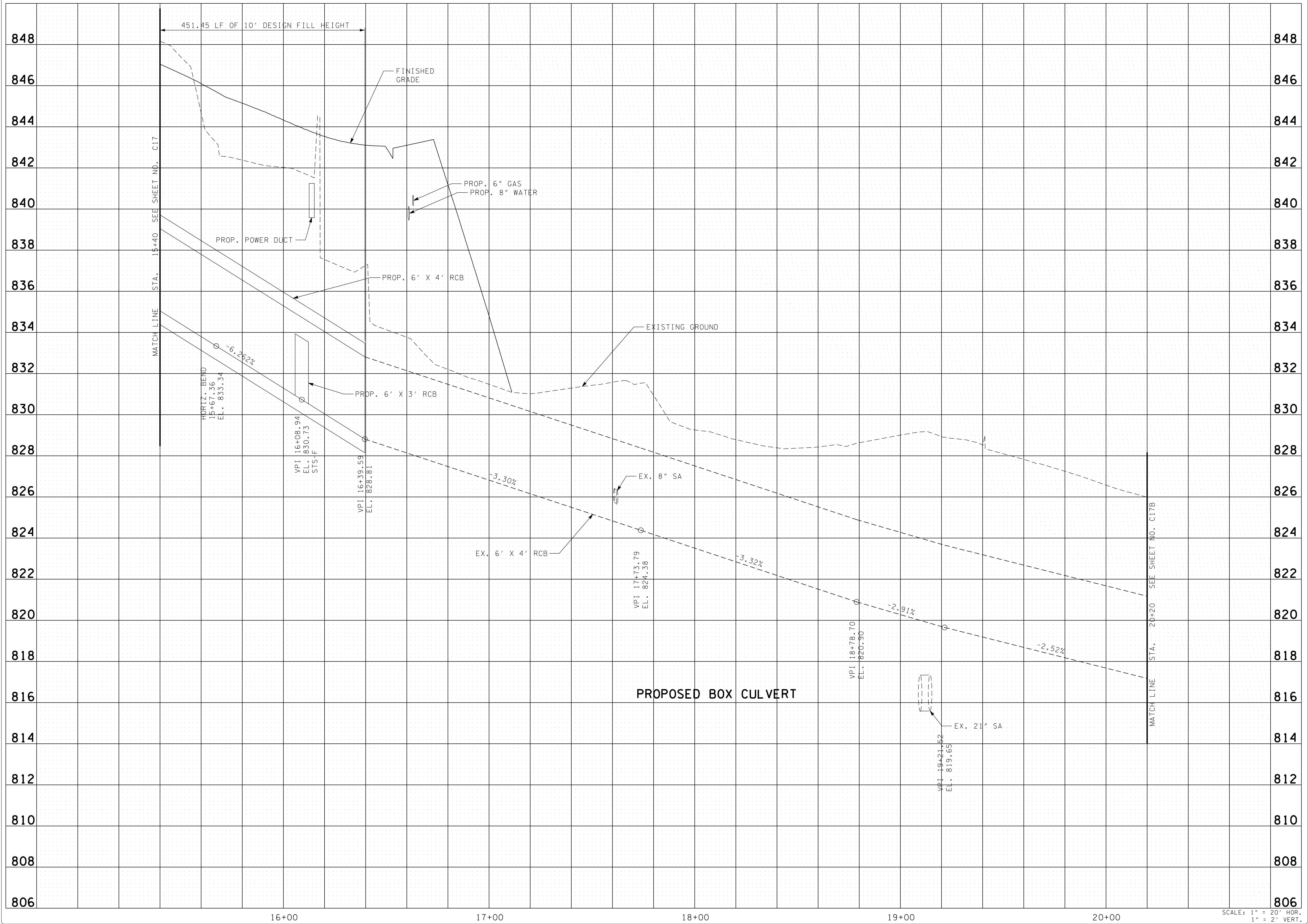
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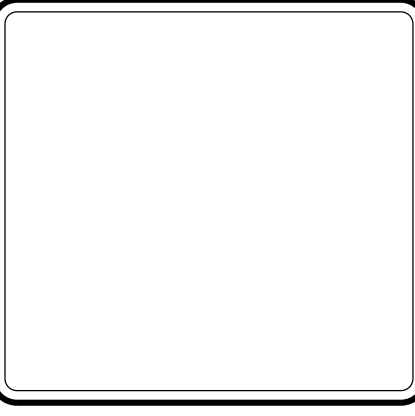
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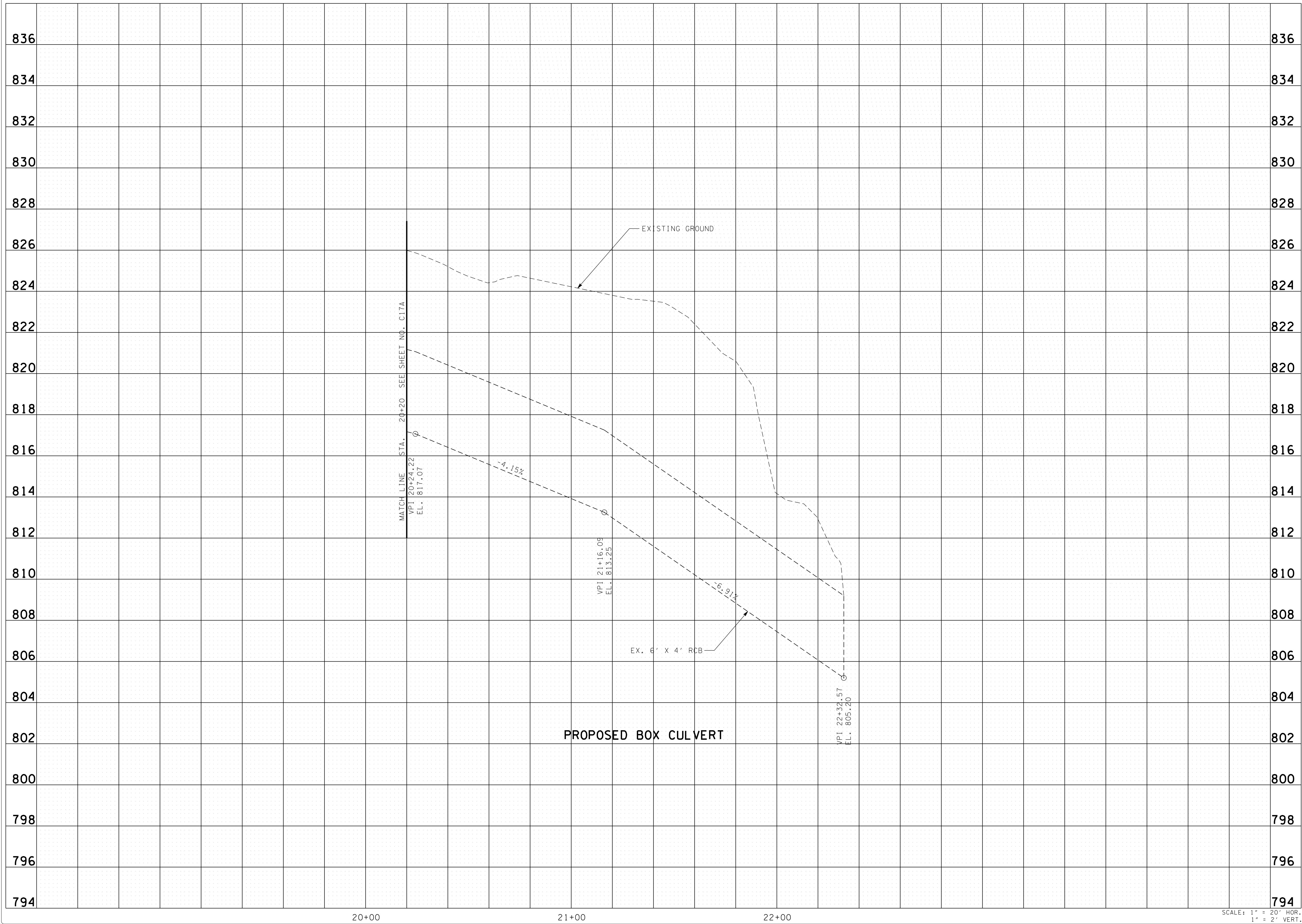
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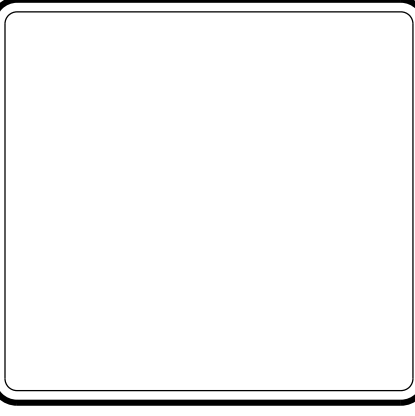
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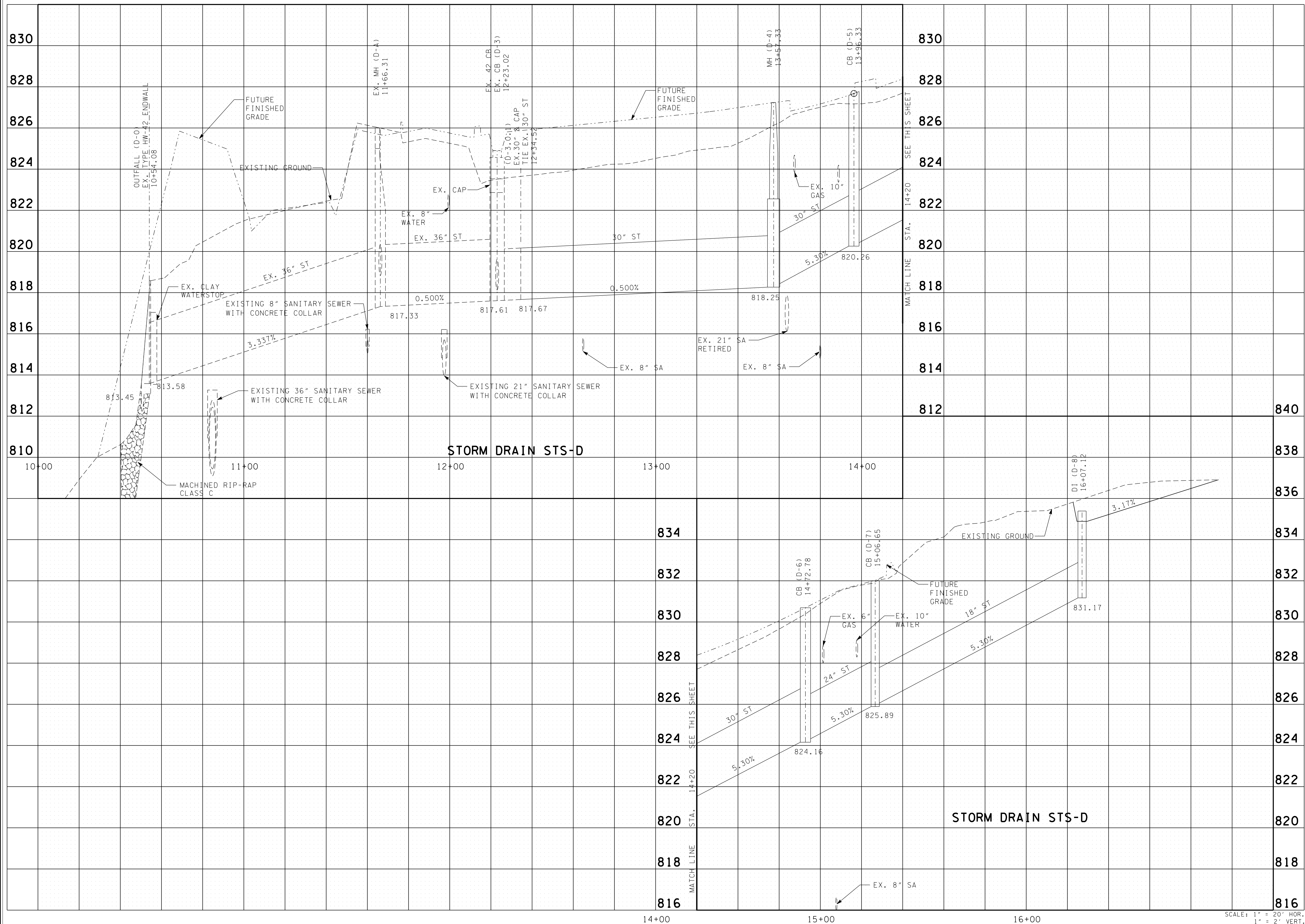
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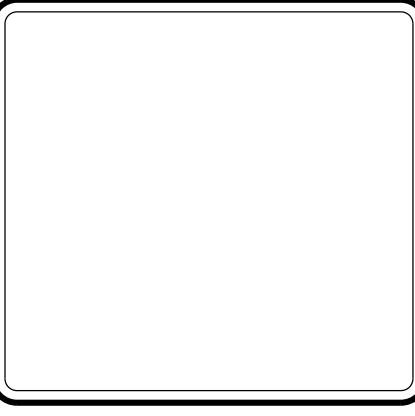
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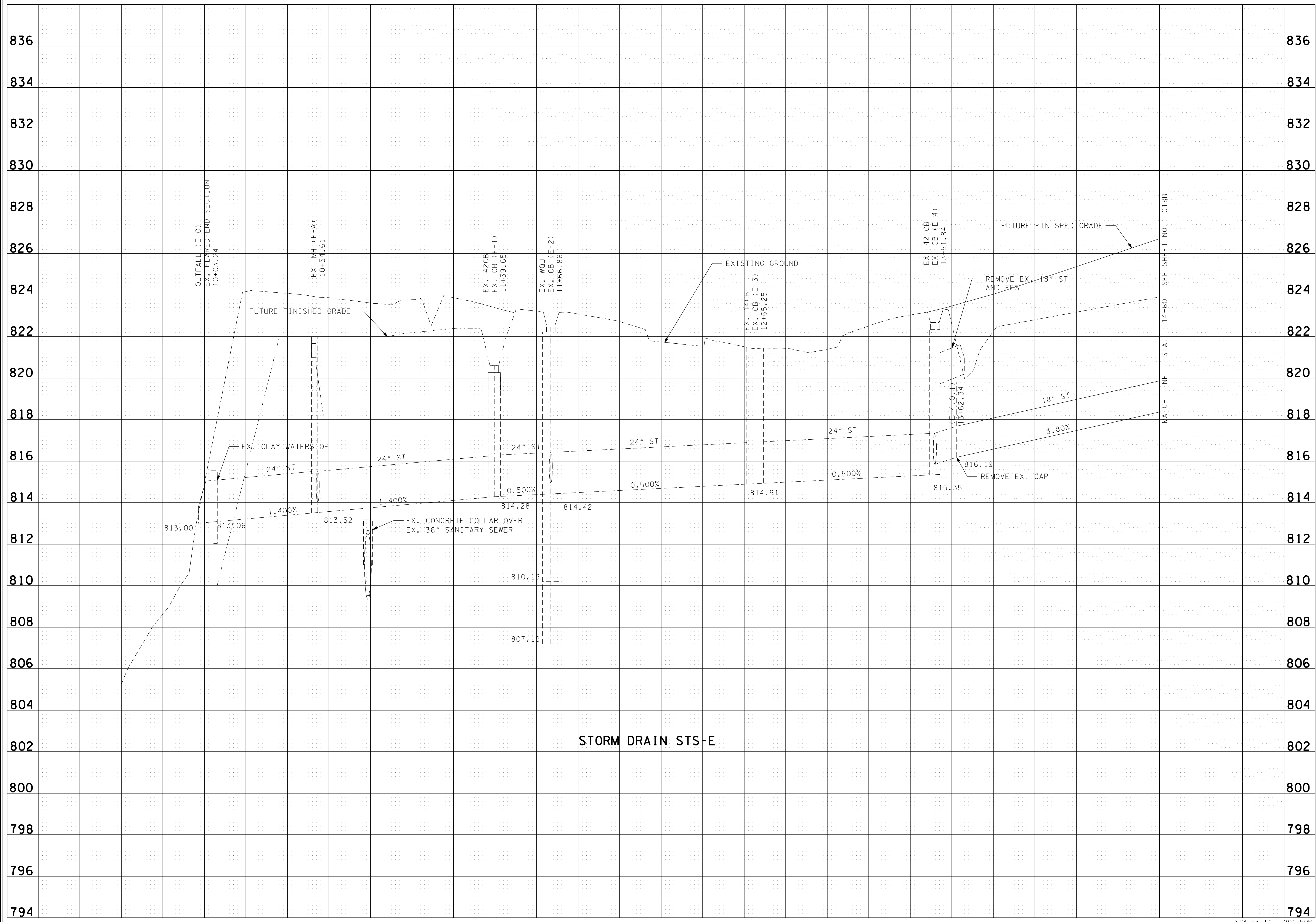
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FILE NAME:	
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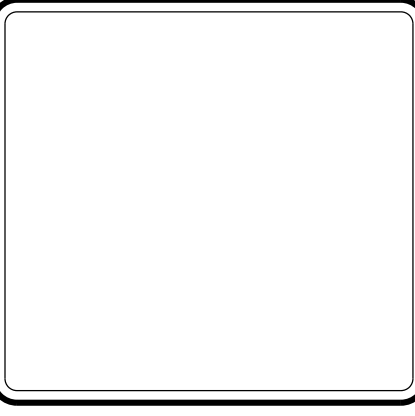
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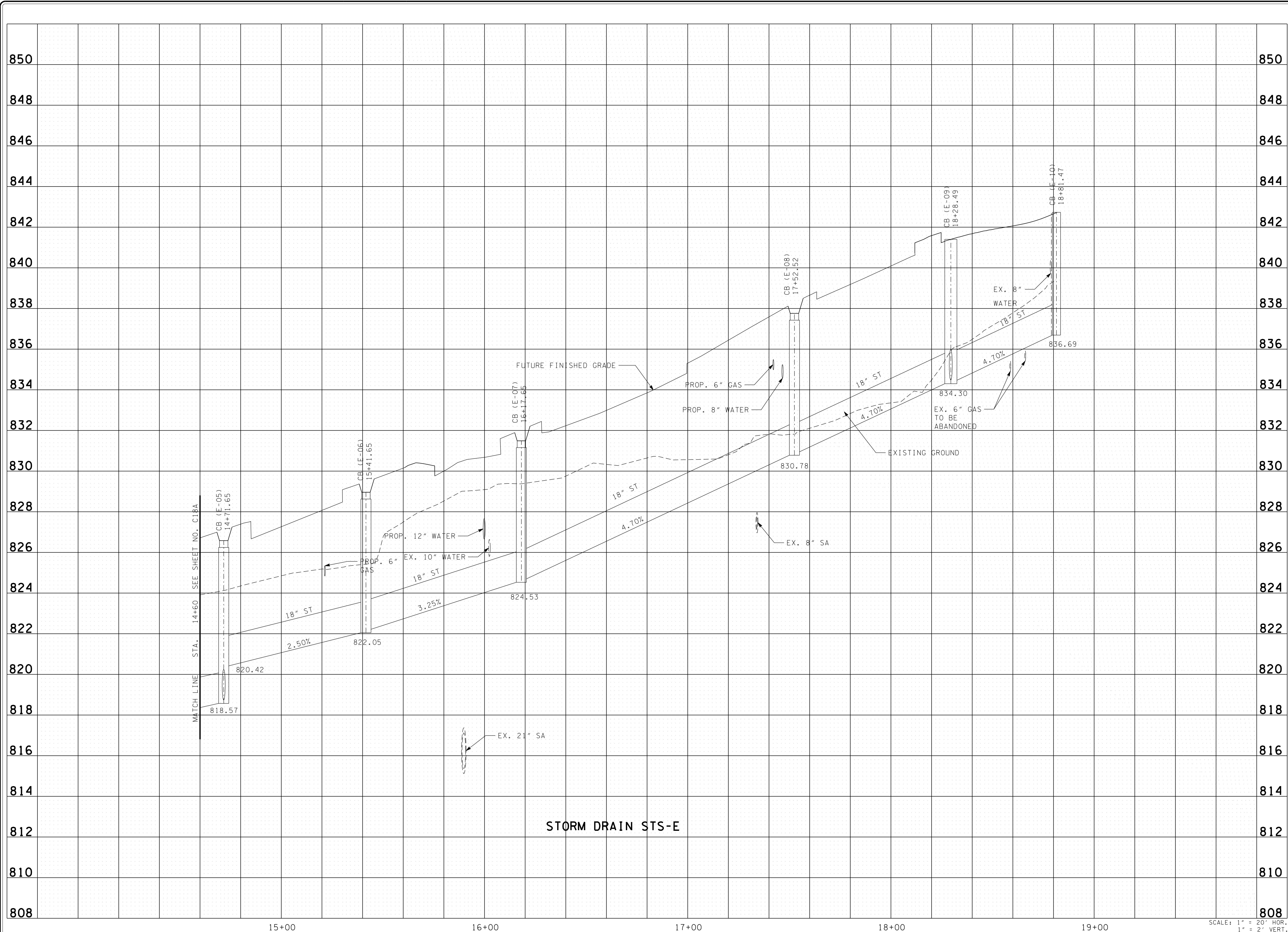
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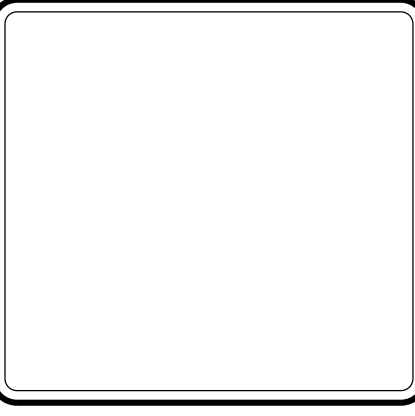
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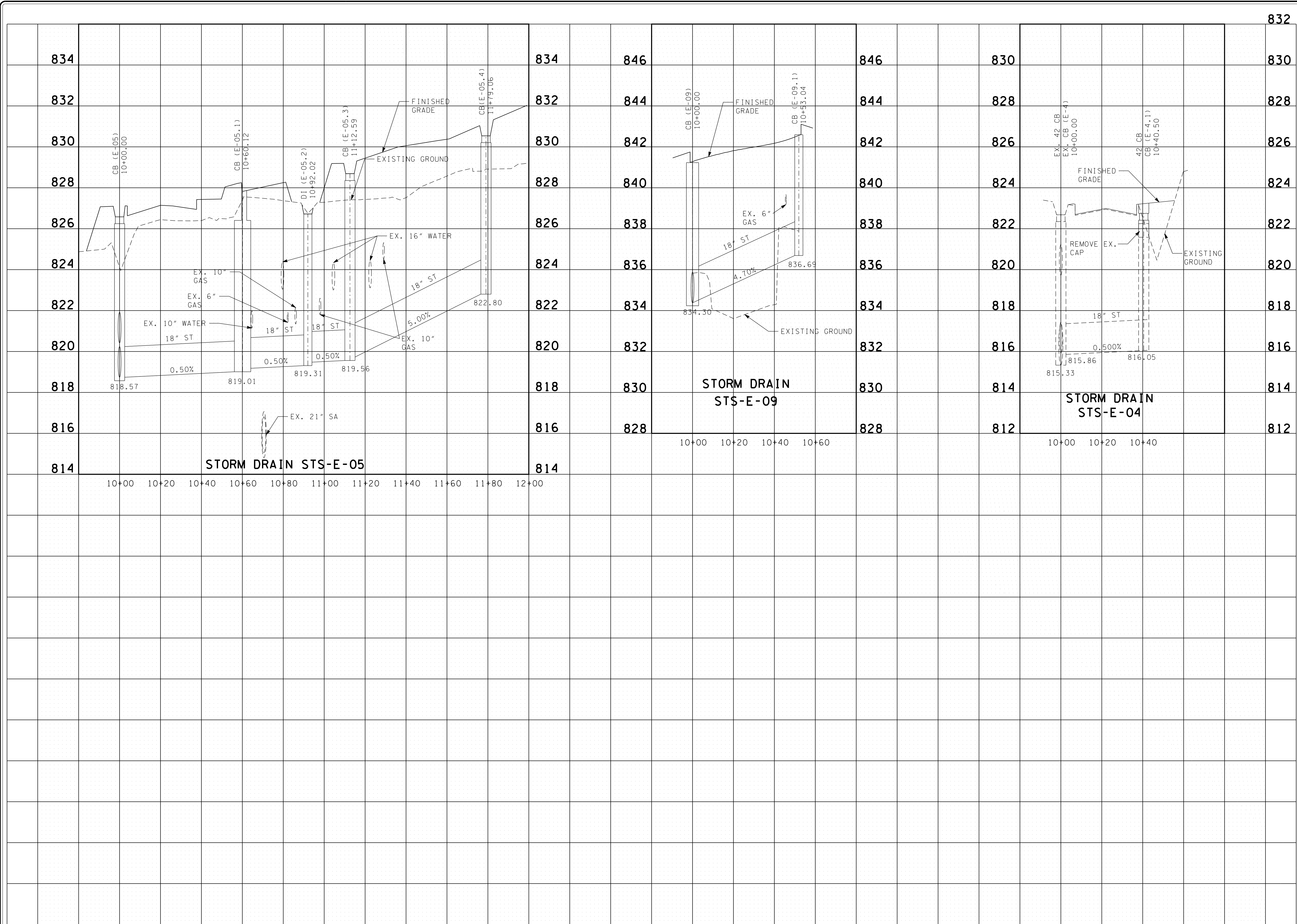
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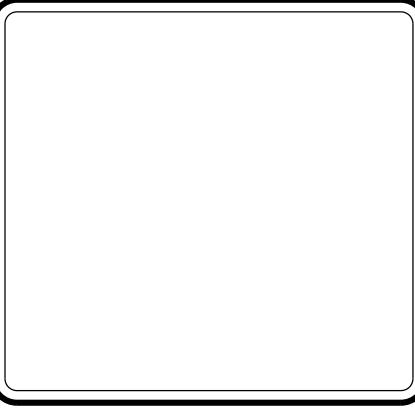
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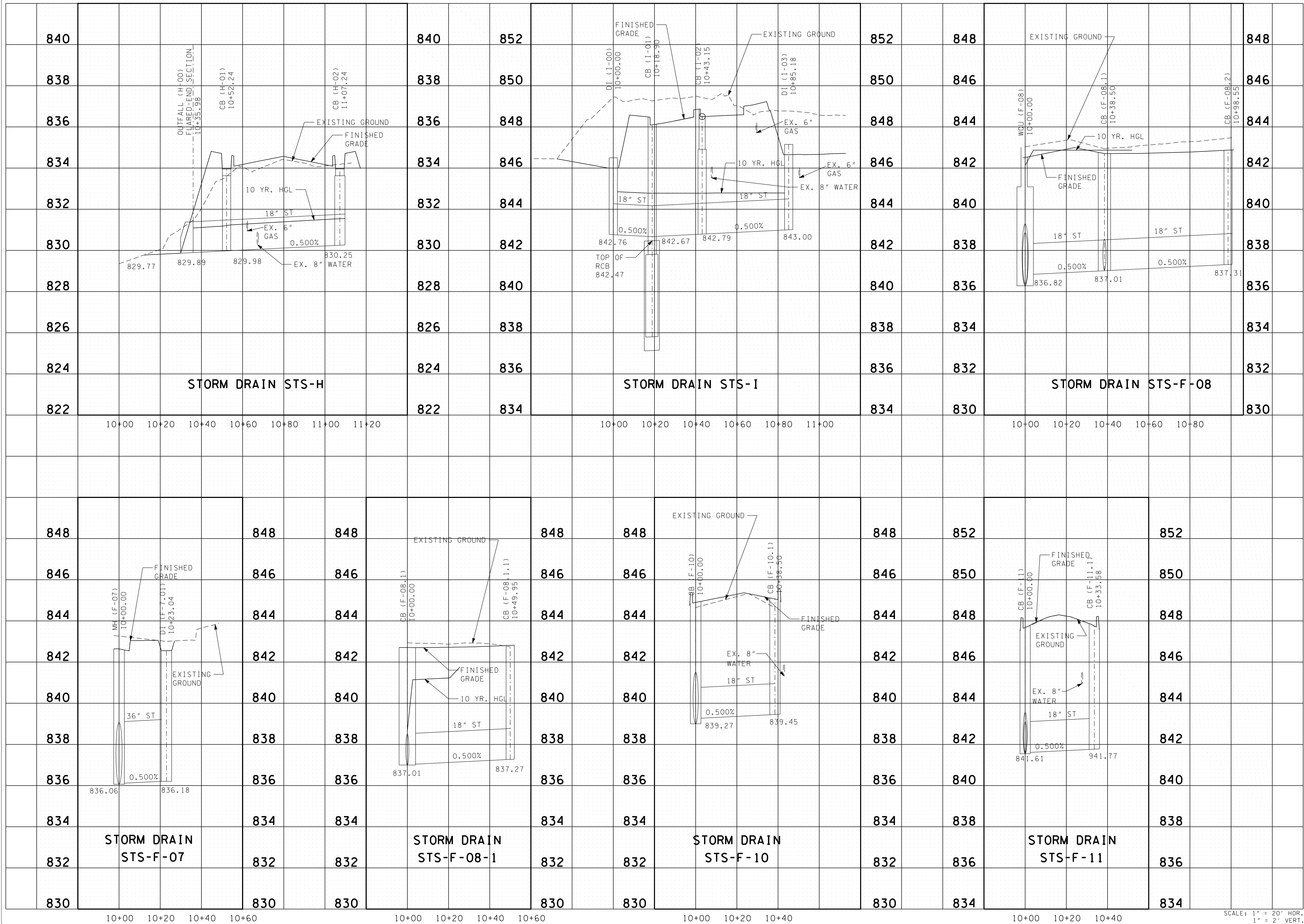
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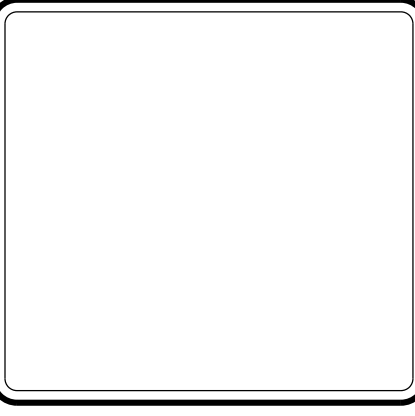
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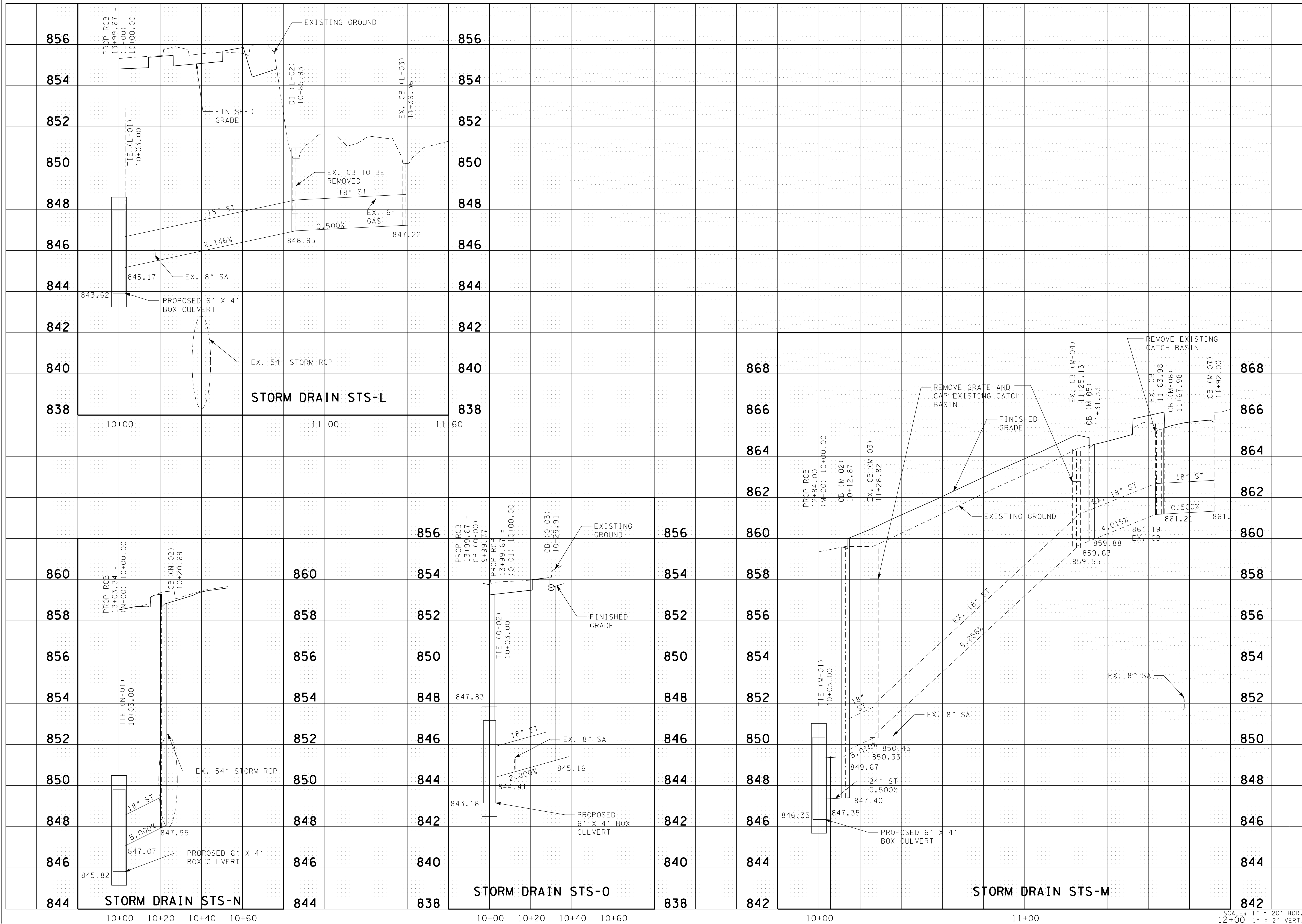
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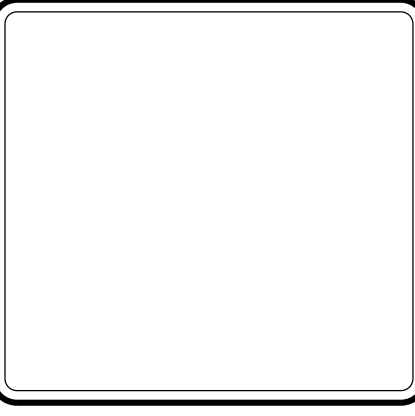
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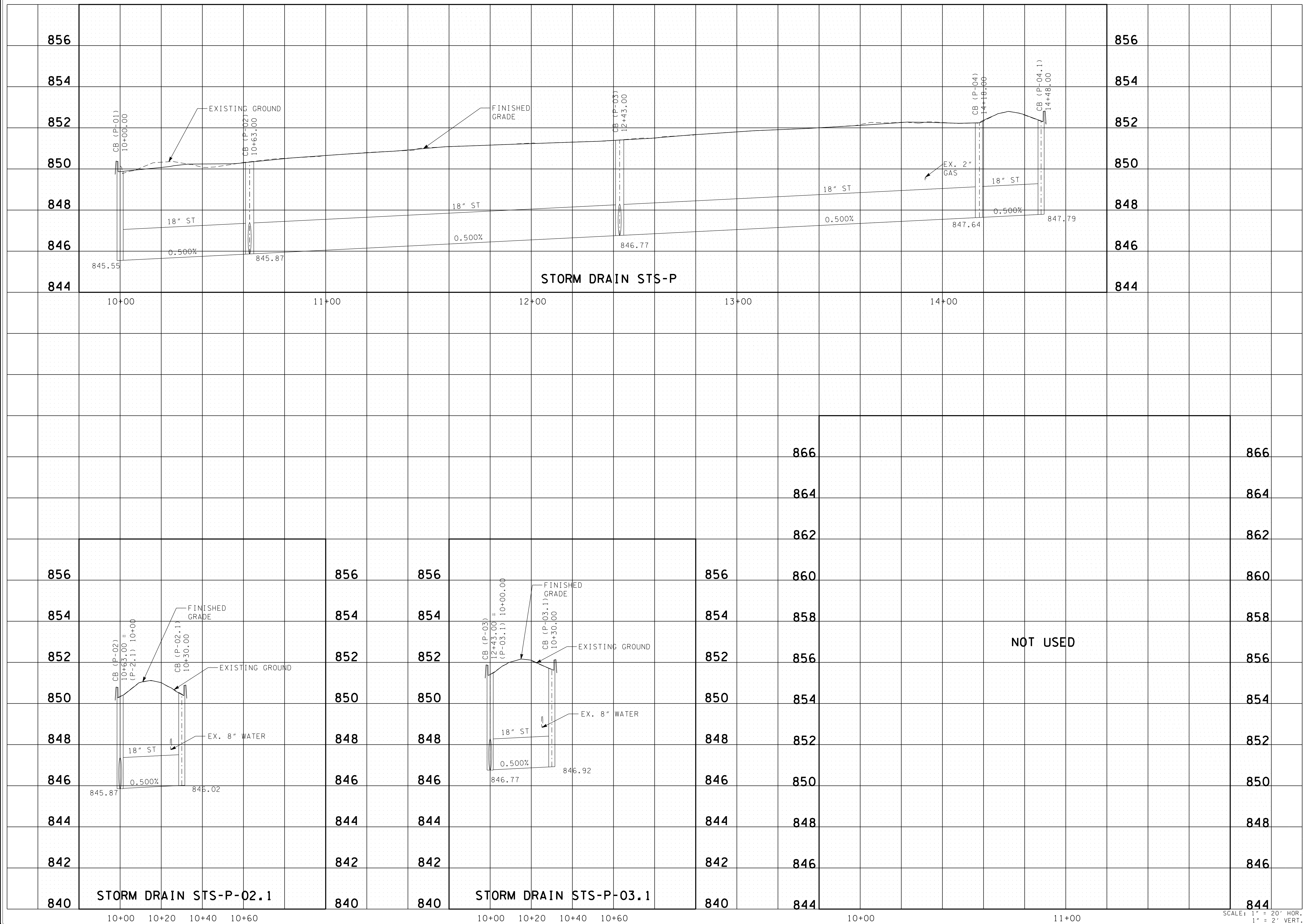
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DATE:	06-30-2017
FILE NAME:	
DRAWING TITLE:	STORM DRAIN PROFILES

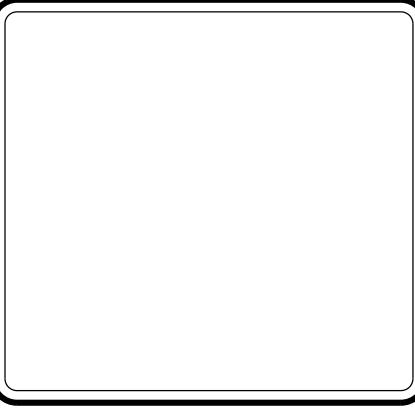
DWG	DRAWING NO:
OF	C18F

SCALE: 1" = 20' HOR.
 12+00 1" = 2' VERT.

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 CHECKED: J.C.E.
 JOB NO: 051430-37
 SCALE: AS NOTED
 DATE: 06-30-2017
 FILE NAME:
 DRAWING TITLE:
**STORM DRAIN
 PROFILES**

DWG OF DRAWING NO: C18G

SCALE: 1" = 20' HOR.
 1" = 2' VERT.

ENVIRONMENTAL

- (1) EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	SEDIMENT FILTER BAG	EC-STR-2
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ROCK CHECK DAM (V-DITCH)	EC-STR-6
	ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	ENHANCED ROCK CHECK DAM (TRAPEZOIDAL DITCH)	EC-STR-6A
** SOCK ** SOCK **	FILTER SOCK	EC-STR-8
	CULVERT PROTECTION (TYPE 2)	EC-STR-11A
	CATCH BASIN PROTECTION (TYPE D)	EC-STR-19
	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
** TUBE ** TUBE **	SEDIMENT TUBE	EC-STR-37
	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A
	CATCH BASIN FILTER ASSEMBLY (TYPE 1)	EC-STR-41
	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
	CATCH BASIN FILTER ASSEMBLY (TYPE 3)	EC-STR-43
	CATCH BASIN FILTER ASSEMBLY (TYPE 5)	EC-STR-45

SPECIAL EPSC NOTE:

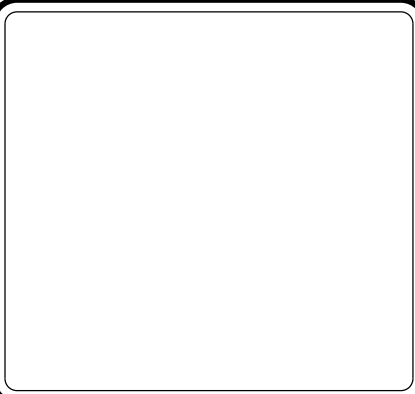
DUE TO THE NATURE OF THE PERMANENT EROSION CONTROL MEASURES FOR THIS PROJECT, STAGE III EPSC PLANS ARE NOT BEING INCLUDED WITH THE CONSTRUCTION PLANS. ALL AREAS DISTURBED DURING THE PROJECT WILL BE TREATED WITH ONE OR MORE OF THE FOLLOWING MATERIALS/METHODS, EITHER BEFORE OR DURING STAGE III:

1. ASPHALT OR CONCRETE PAVEMENT
2. PERMANENT SODDING (ALL SLOPES)
3. PLANT MATERIALS AND GROUND COVER (ALL PLANTER AREAS)

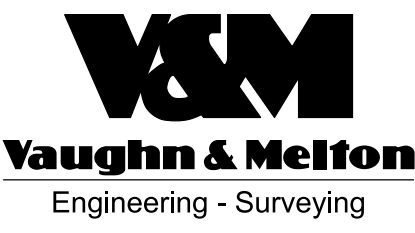
THERE WILL BE NO EROSION CONTROL BLANKET REQUIRED. RIP-RAP APRONS SHALL BE INSTALLED AT THE TWO PIPE OUTFALLS (ISLAND HOME STA. 12+97 LT. AND FOGGY BOTTOM STA. 12+06 RT).

ALL TEMPORARY DEVICES SHALL BE REMOVED DURING STAGE III.

REVISIONS	
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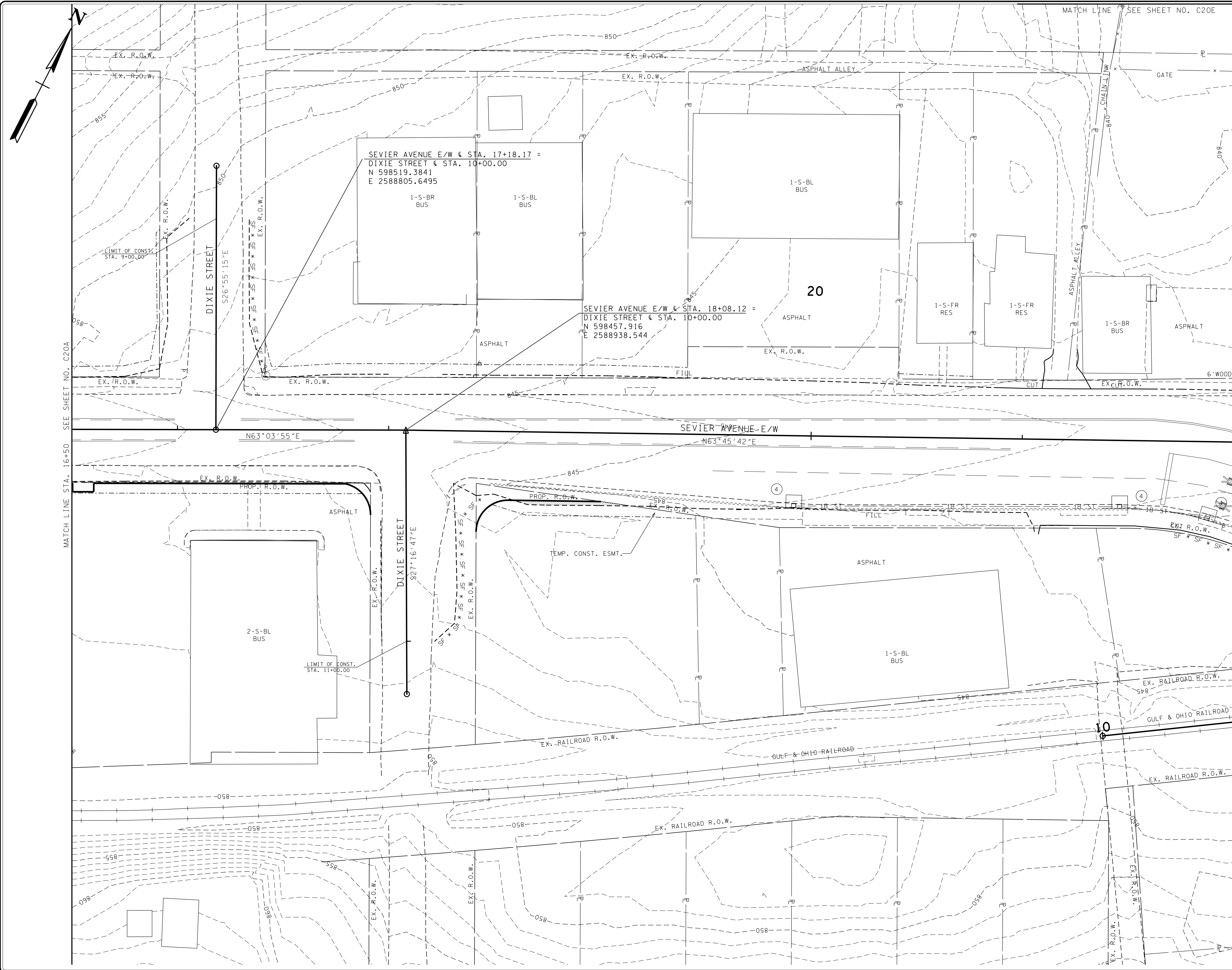
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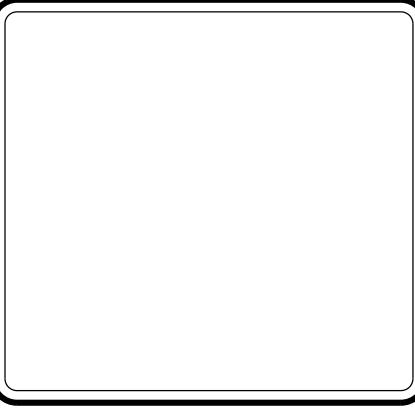
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CHECKED: J.C.E.	
JOB NO: 051430-37	
SCALE: N.T.S.	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
EPSC NOTES	
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OF	C19

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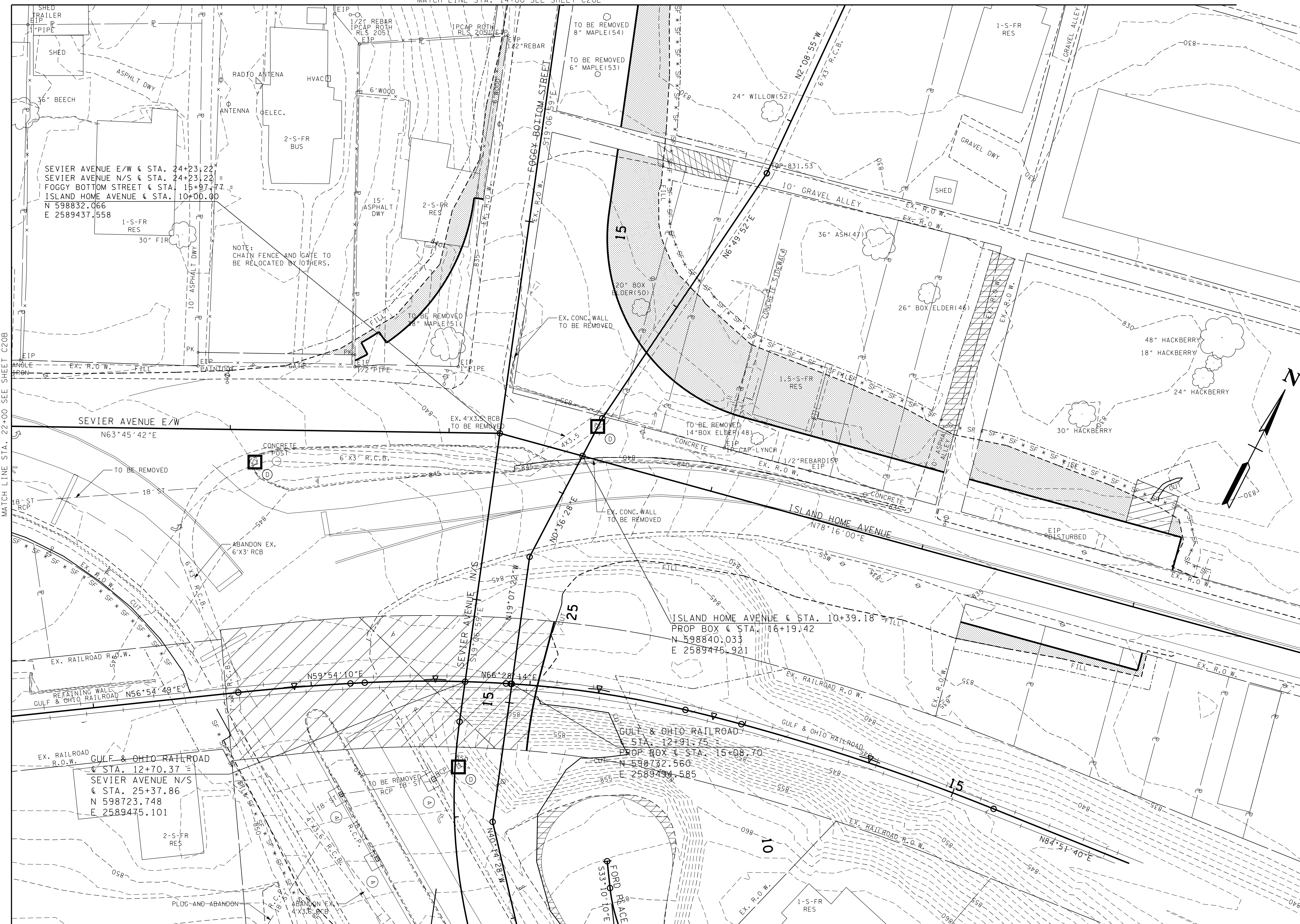
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JOB NO: 051430-37
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DATE: 06-30-2017
FILE NAME:
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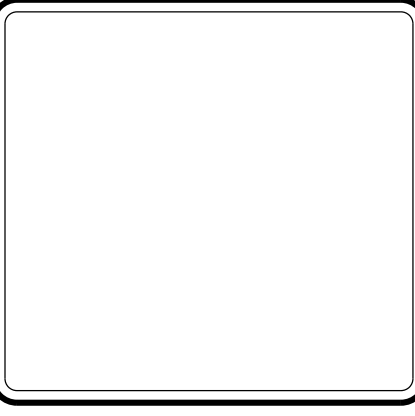
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MATCH LINE STA. 22+00 SEE SHEET C20B

MATCH LINE STA. 26+50 SEE SHEET C20D

NO.	DATE	DESCRIPTION

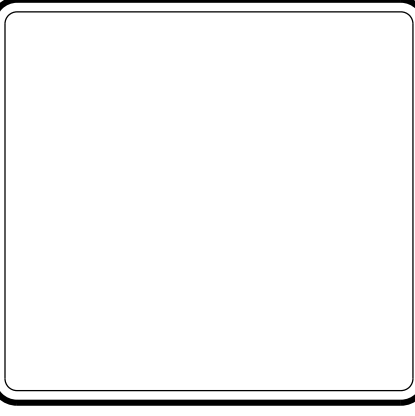
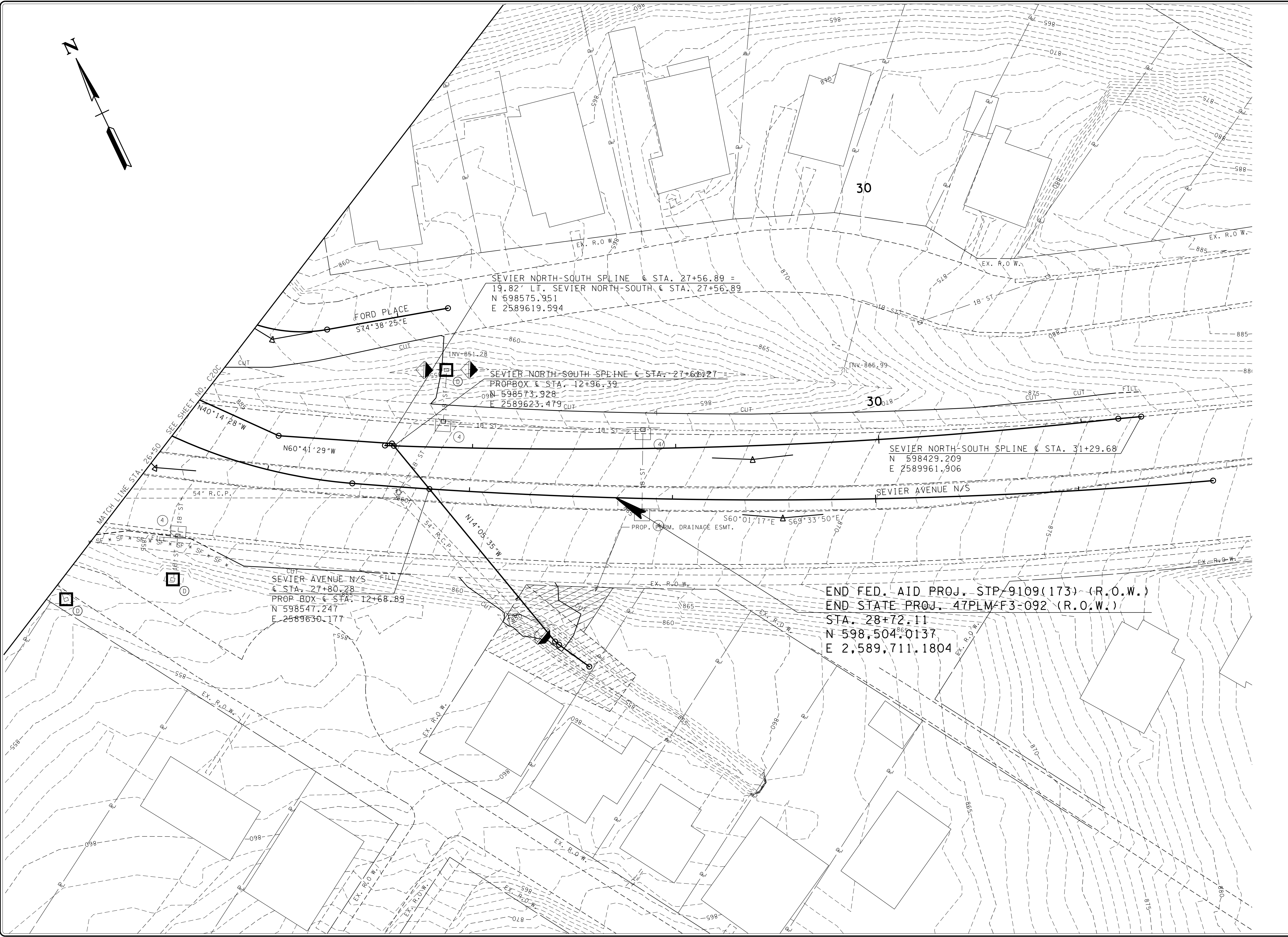
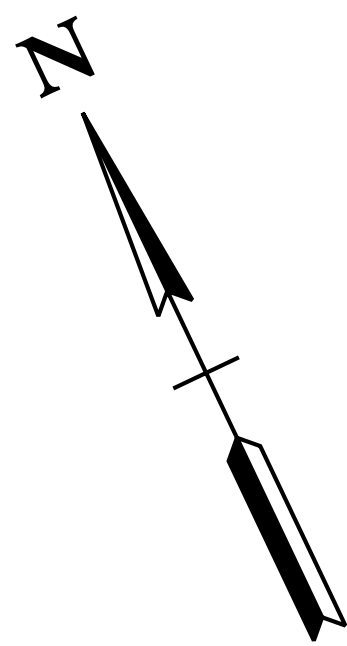


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JOB NO: 051430-37	
SCALE: 1" = 20'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE: EPSC STAGE - I PLAN	
DWG OF	DRAWING NO: C20C



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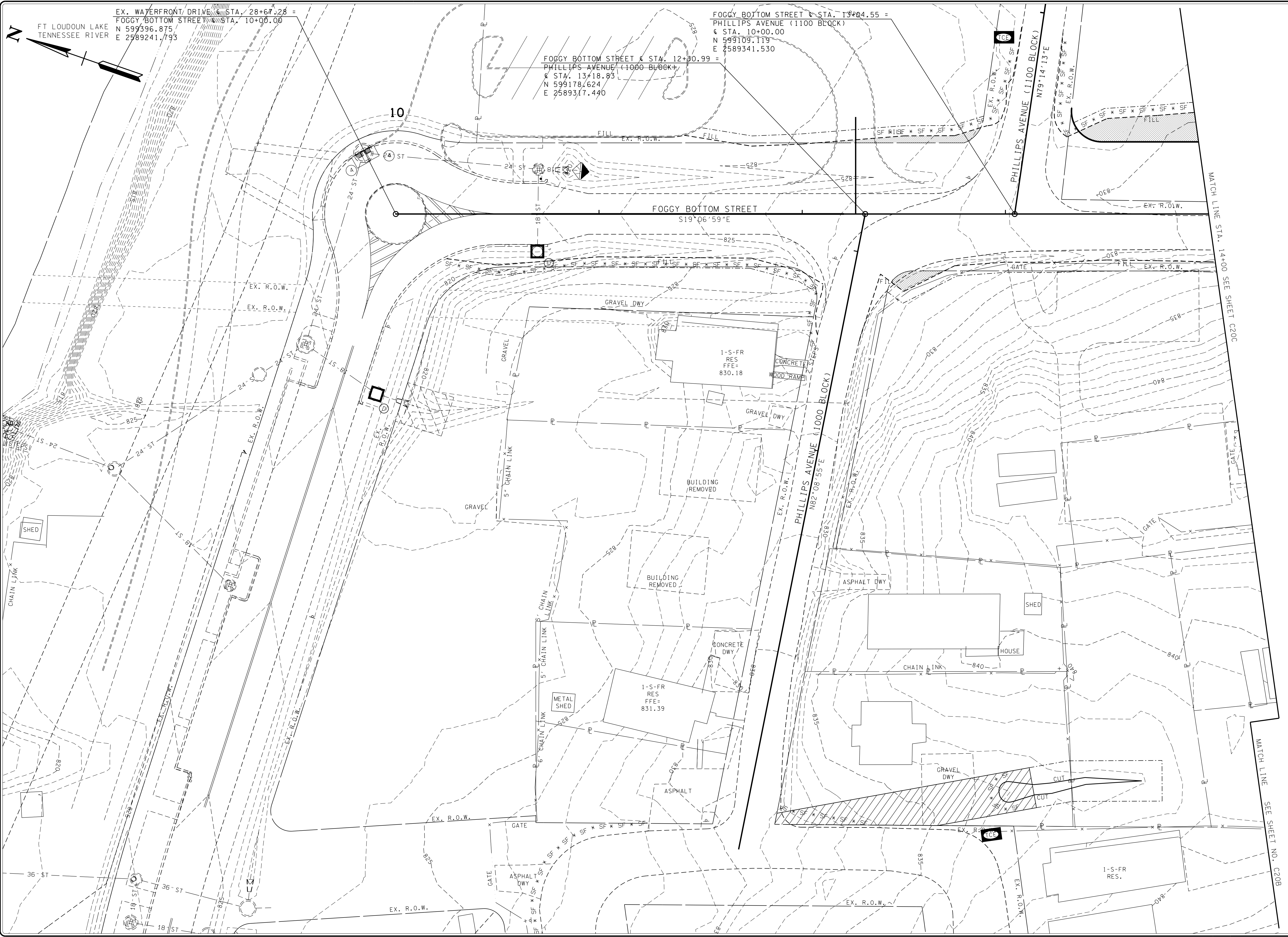
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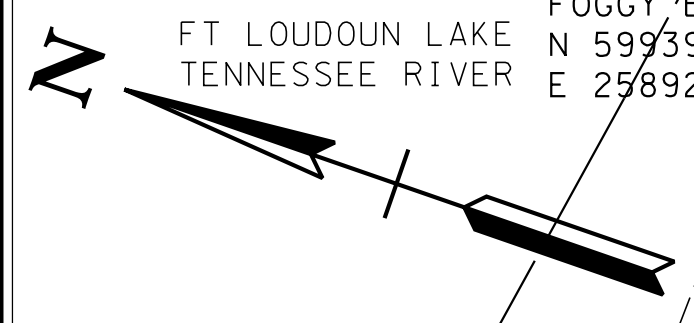
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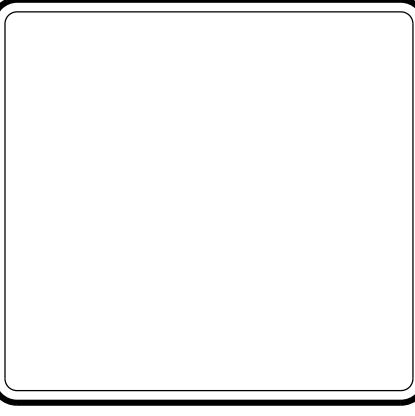
EX. WATERFRONT DRIVE STA. 28+67.28 =
 FOGGY BOTTOM STREET STA. 10+00.00
 N 599396.875
 E 2589241.793

FOGGY BOTTOM STREET STA. 12+00.99 =
 PHILLIPS AVENUE (1000 BLOCK)
 STA. 13+18.83
 N 599178.624
 E 2589317.440

FOGGY BOTTOM STREET STA. 13+04.55 =
 PHILLIPS AVENUE (1100 BLOCK)
 STA. 10+00.00
 N 599109.119
 E 2589341.530



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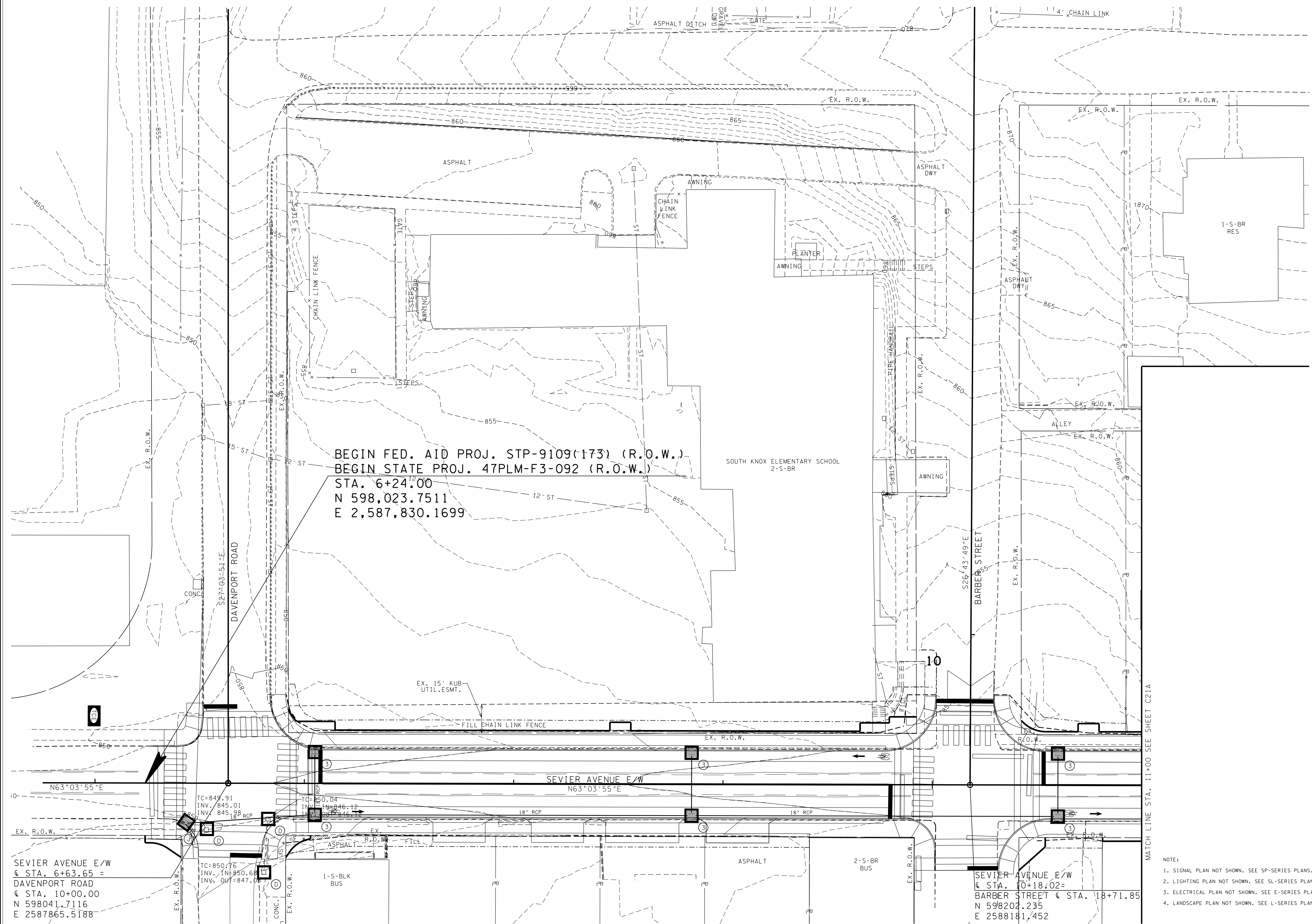
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FILE NAME:	
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EPC	
STAGE - I	
PLAN	
DWG	DRAWING NO:
OF	C20E

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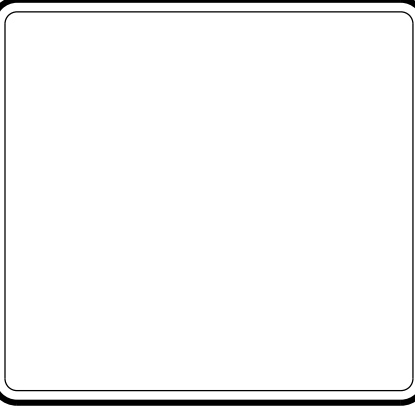
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BEGIN STATE PROJ. 47PLM-F3-092 (R.O.W.)
STA. 6+24.00
N 598,023.7511
E 2,587,830.1699

SEVIER AVENUE E/W
@ STA. 6+63.65 =
DAVENPORT ROAD
@ STA. 10+00.00
N 598041.7116
E 2587865.5188

SEVIER AVENUE E/W
@ STA. 10+18.02 =
BARBER STREET @ STA. 18+71.85
N 598204.235
E 2588181.452

- NOTE:
1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 3. ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 4. LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.

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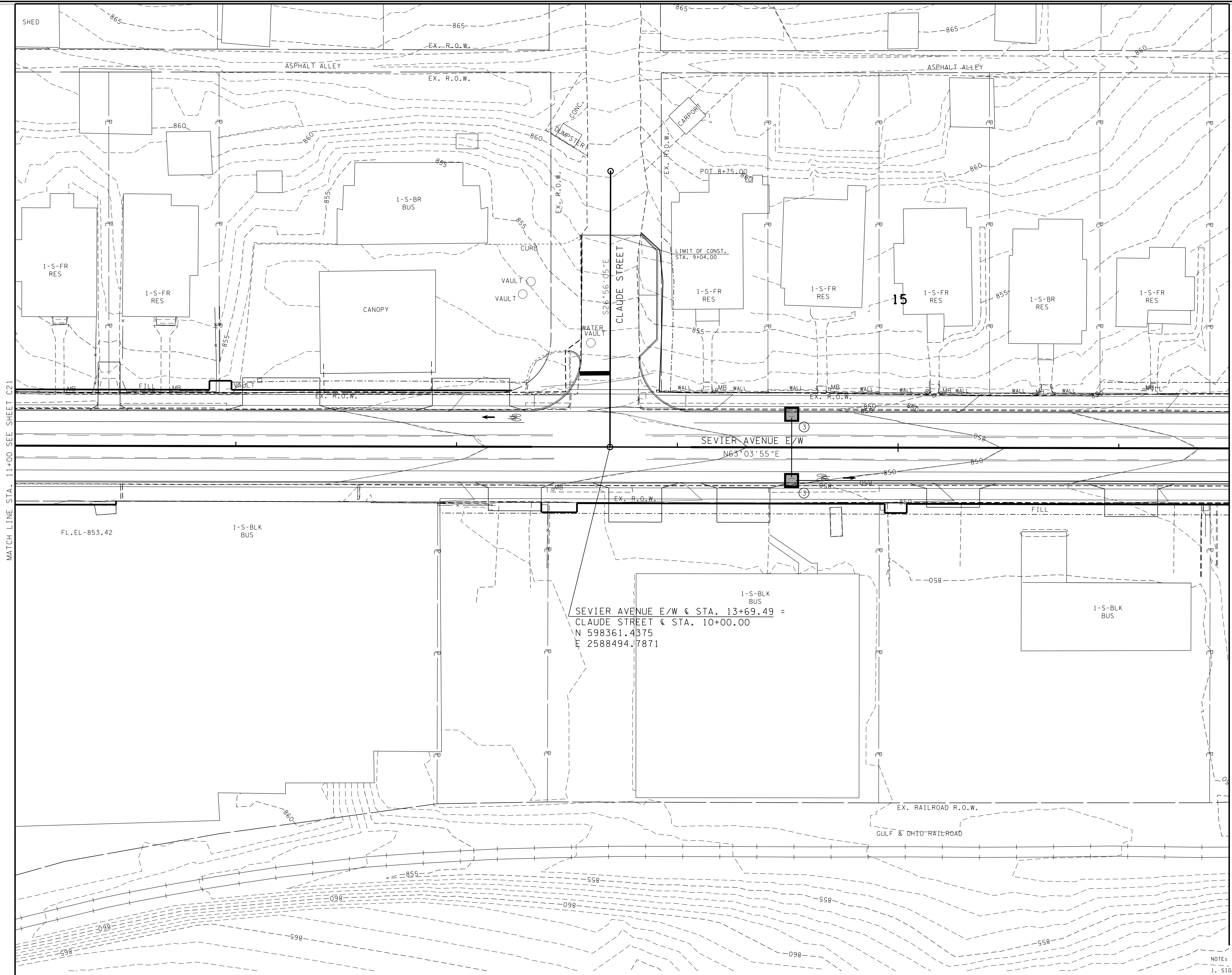
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SCALE: 1" = 20'
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: EPSC STAGE-II PLAN
DWG OF
DRAWING NO: C21

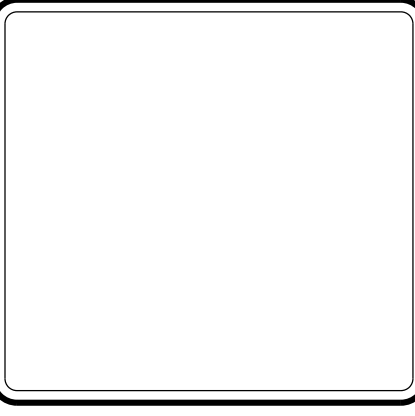
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SEVIER AVENUE E/W @ STA. 13+69.49 =
 CLAUDE STREET @ STA. 10+00.00
 N 598361.4375
 E 2588494.7871

- NOTE:
1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 3. ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 4. LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.

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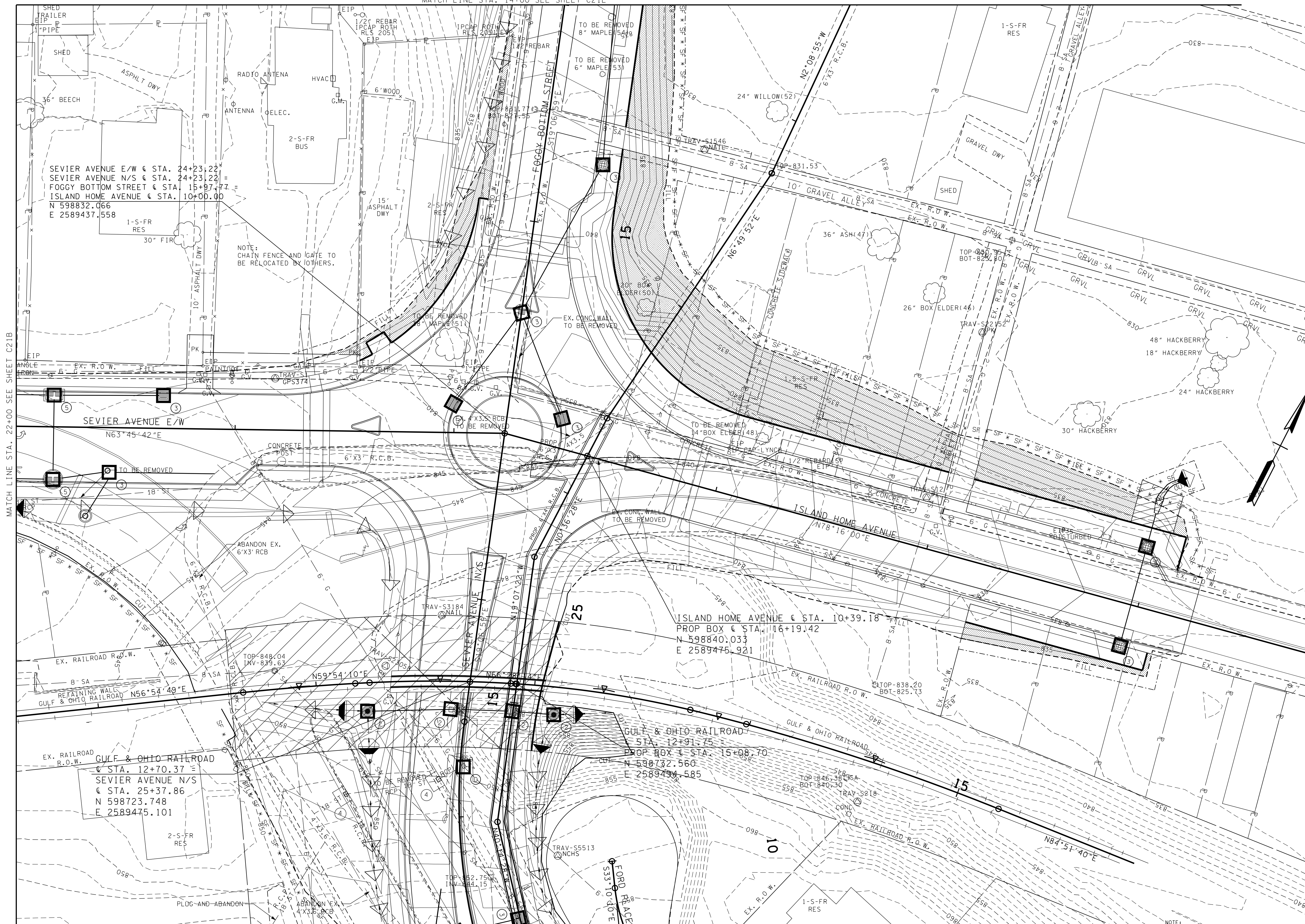


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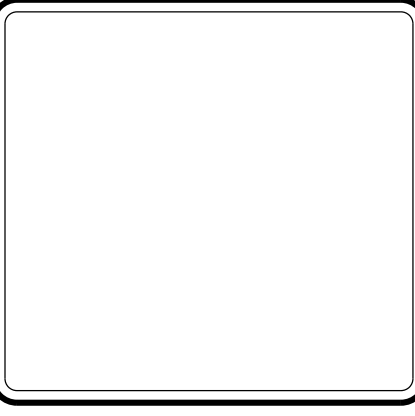
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MATCH LINE STA. 22+00 SEE SHEET C21B

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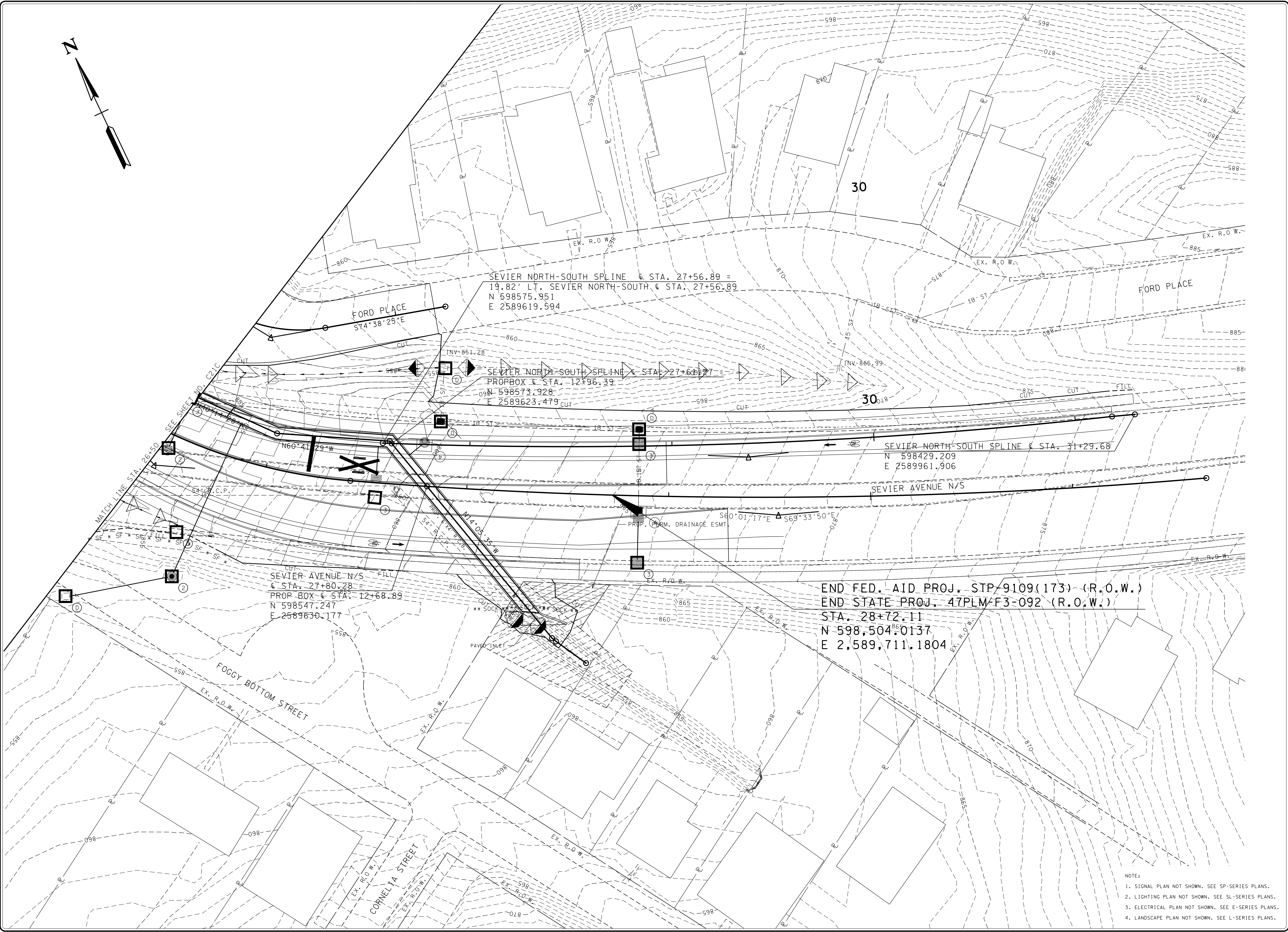
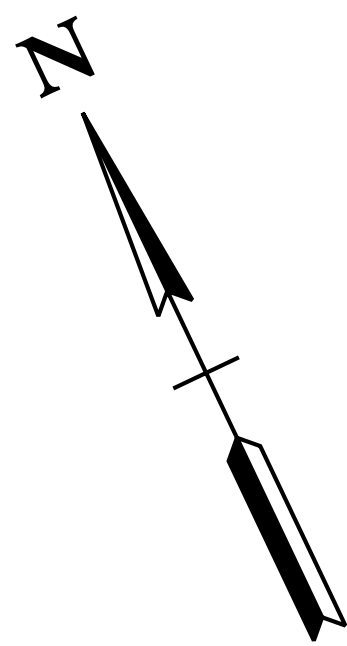
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FILE NAME:
DRAWING TITLE: EPSC STAGE-II PLAN
DWG OF
DRAWING NO: C21C

- NOTE:
1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
 3. ELECTRICAL PLAN NOT SHOWN. SEE E-SERIES PLANS.
 4. LANDSCAPE PLAN NOT SHOWN. SEE L-SERIES PLANS.



SEVIER NORTH-SOUTH SPLINE C STA. 27+60.27 =
 PROP BOX C STA. 12+96.39
 N 598573.928
 E 2589623.479

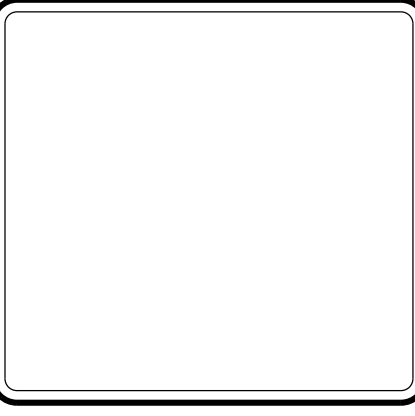
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SEVIER AVENUE N/S
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 END STATE PROJ. 47PLM-F3-092 (R.O.W.)
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- NOTE:
1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
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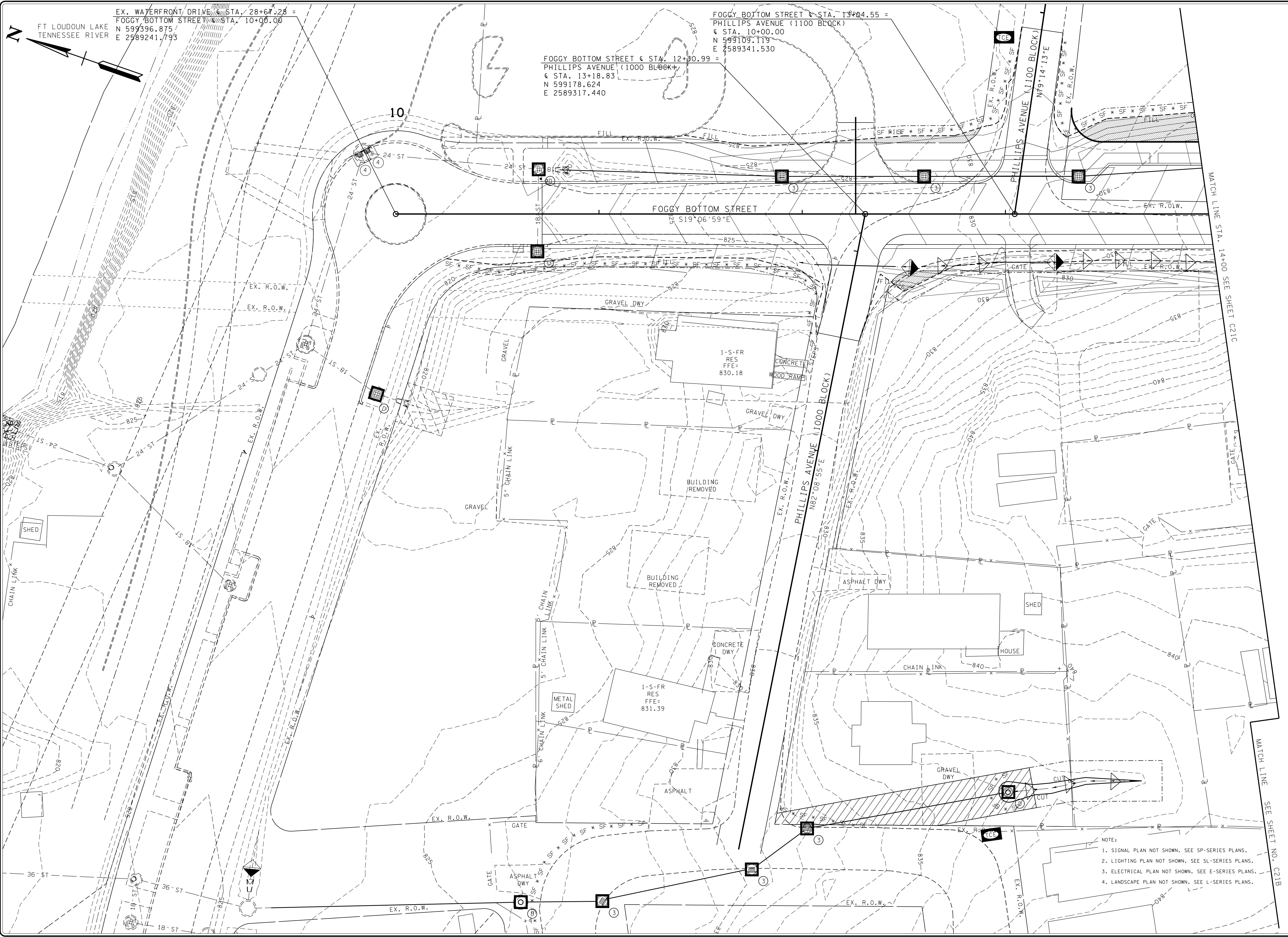
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 EPSC
 STAGE-II
 PLAN

DWG OF DRAWING NO:
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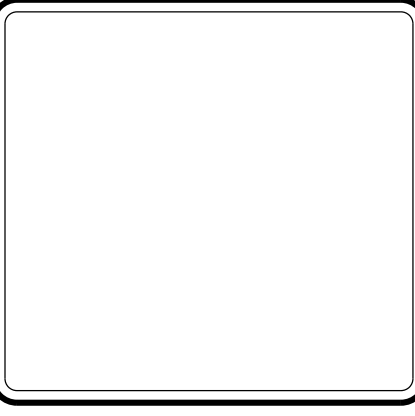
EX. WATERFRONT DRIVE STA. 28+67.28 =
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 N 599396.875
 E 2589241.793

FOGGY BOTTOM STREET STA. 12+00.99 =
 PHILLIPS AVENUE (1000 BLOCK)
 STA. 13+18.83
 N 599178.624
 E 2589317.440

FOGGY BOTTOM STREET STA. 13+04.55 =
 PHILLIPS AVENUE (1100 BLOCK)
 STA. 10+00.00
 N 599109.119
 E 2589341.530

NOTE:
 1. SIGNAL PLAN NOT SHOWN. SEE SP-SERIES PLANS.
 2. LIGHTING PLAN NOT SHOWN. SEE SL-SERIES PLANS.
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SCALE: 1" = 20'	
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FILE NAME:	
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OF	C21E

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PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES.
 - a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.
2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES. TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.
 - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
 - b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a, PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3.5 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

3. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:

- a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

- b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a, AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.
- c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO SIX INCHES OR LESS.
- d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

4. FOR DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 18 INCHES.

SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

B. IF THE DIFFERENCE IN ELEVATION IS WITHIN 30 FEET OF THE NEAREST TRAFFIC LANE BEING USED BY TRAFFIC CAUSED BY GRADING, EXCAVATION FOR UTILITIES, DRAINAGE STRUCTURES, UNDERCUTTING, ETC.:

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 3/4 INCH AND NOT EXCEEDING 2 INCHES.
 - a. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:
 - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:
 - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
 - b. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

C. IF THE DIFFERENCE IN ELEVATION IS FARTHER THAN 8 FEET FROM THE NEAREST TRAFFIC LANE BUT NOT MORE THAN 30 FEET FROM THE NEAREST TRAFFIC LANE:

- SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
1. WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 2. WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

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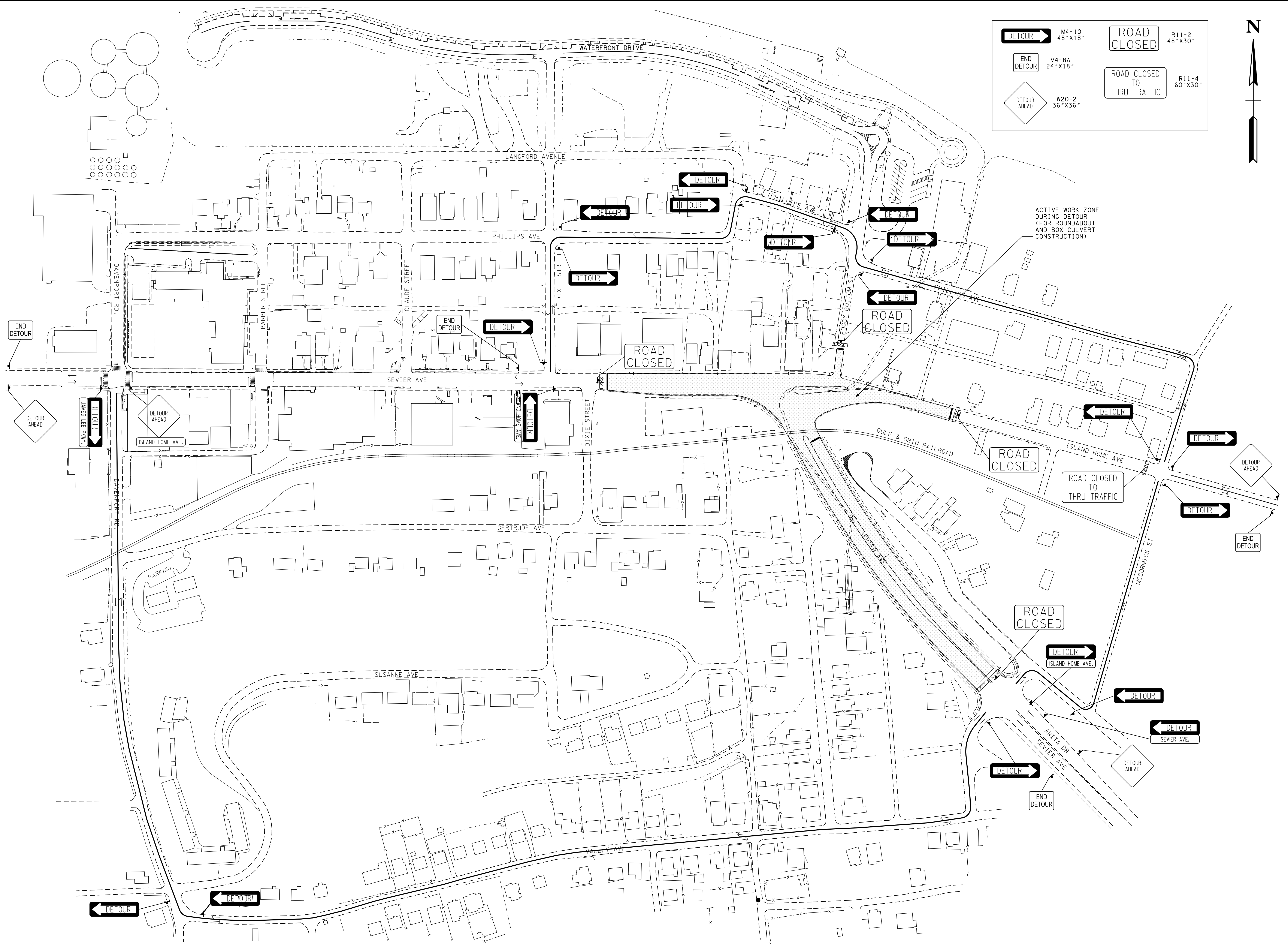
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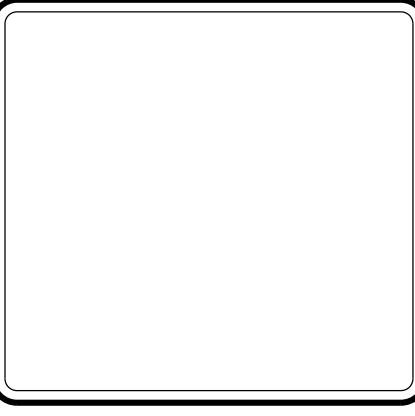
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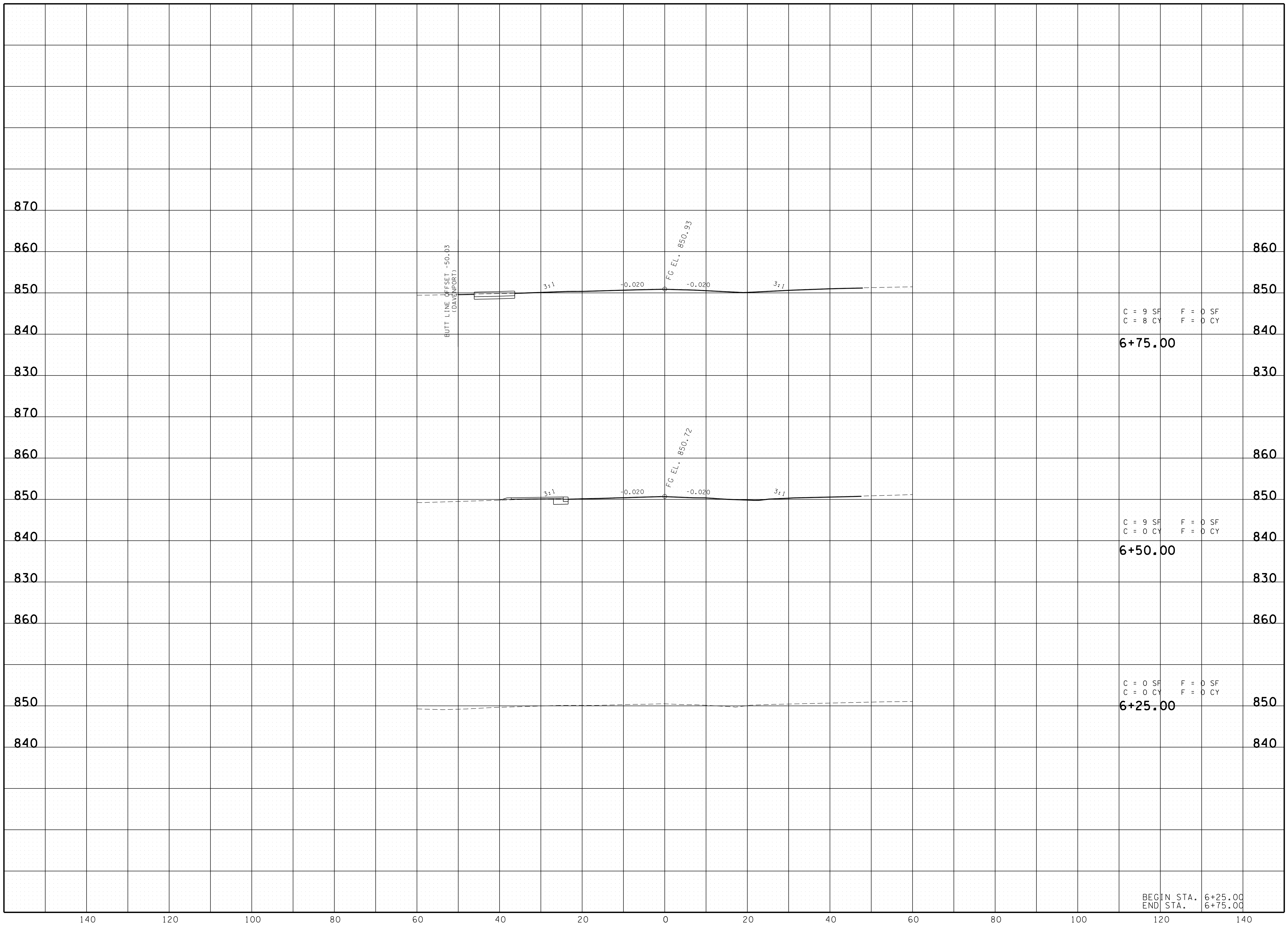
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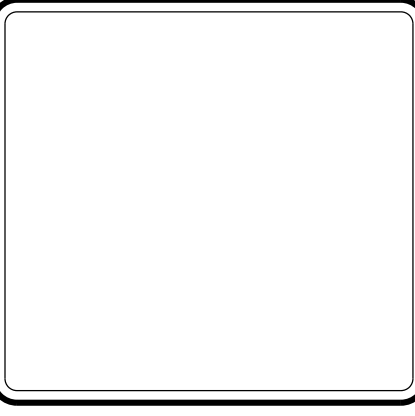
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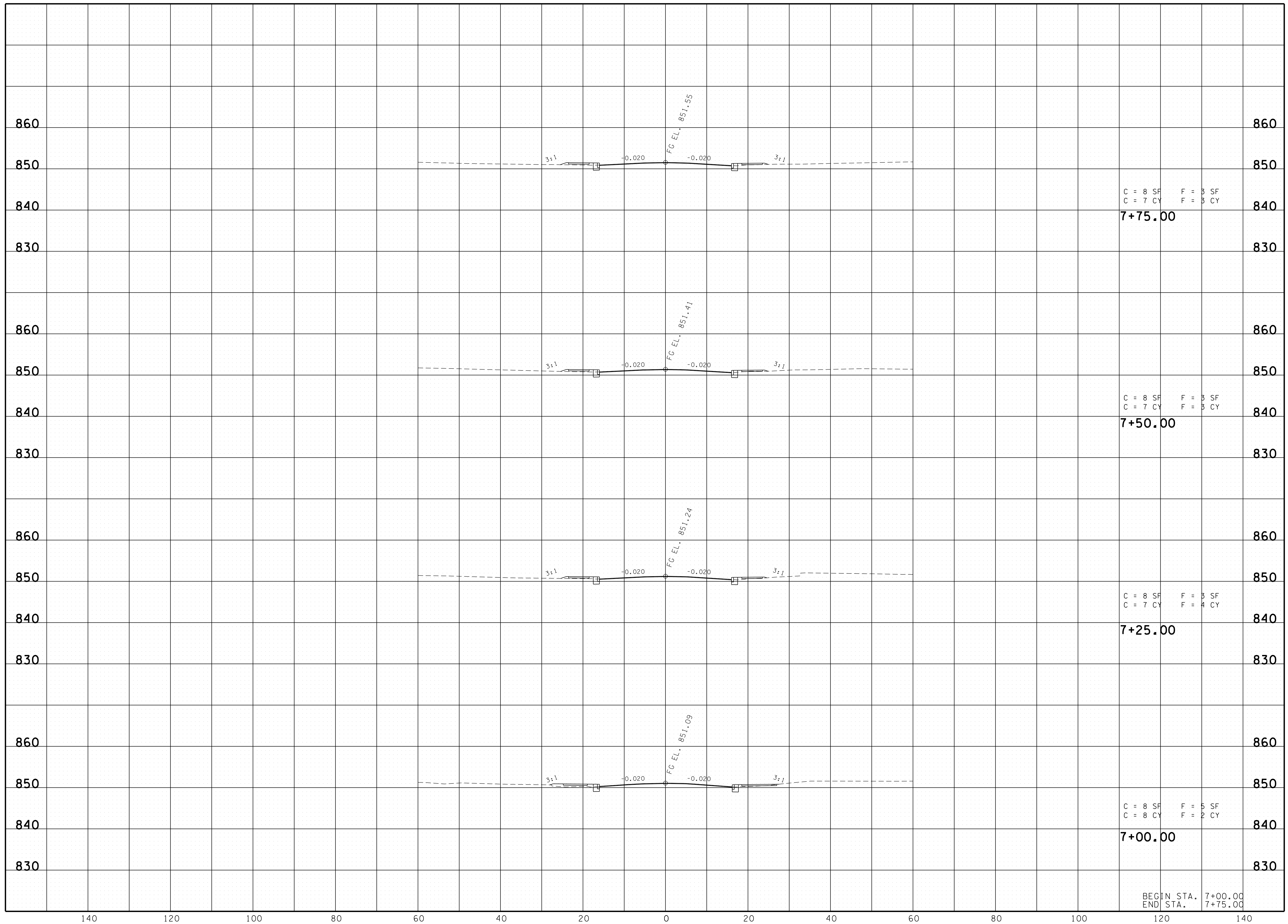


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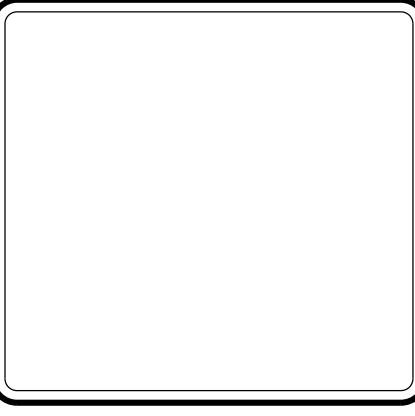
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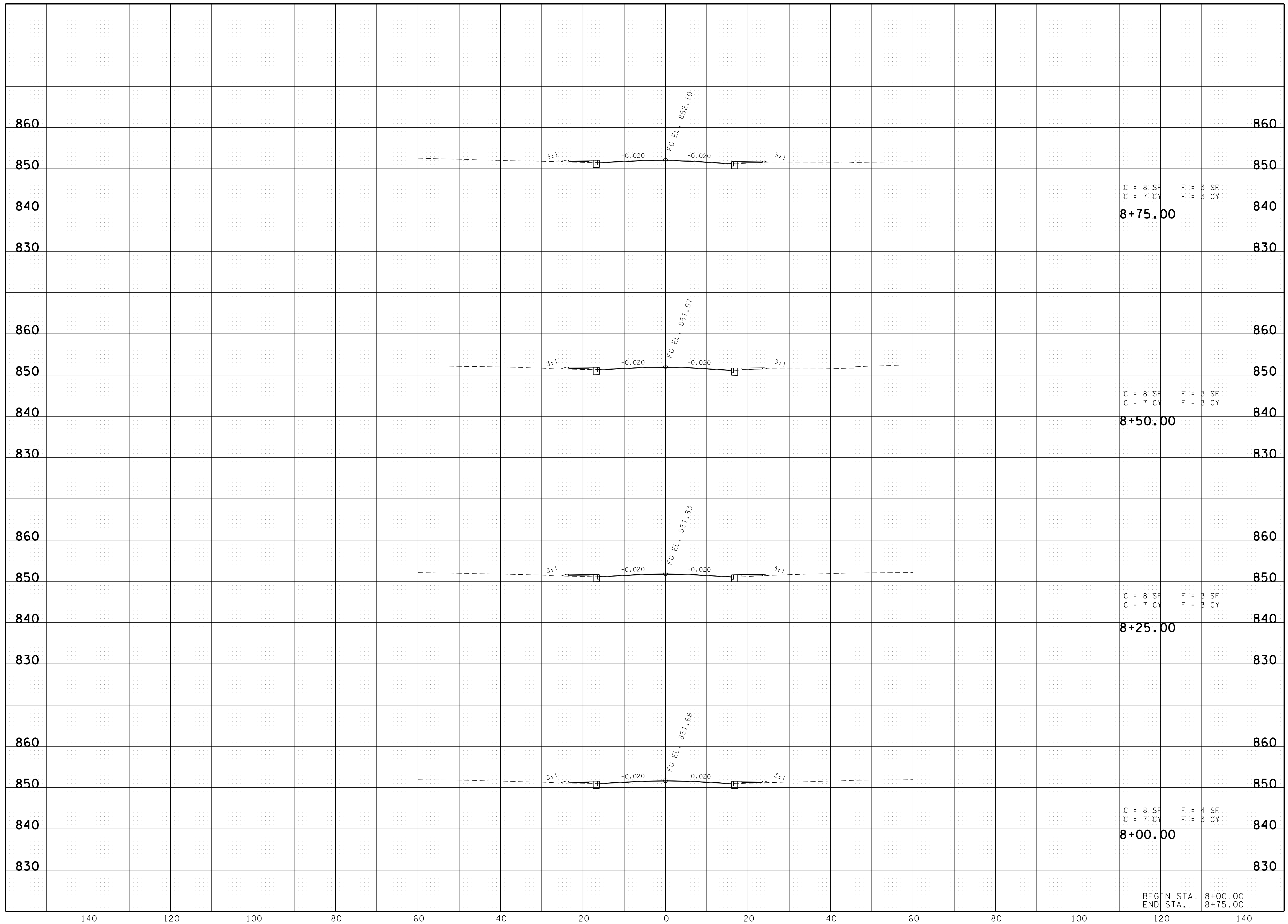
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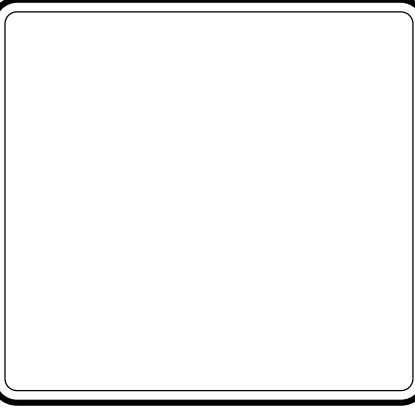
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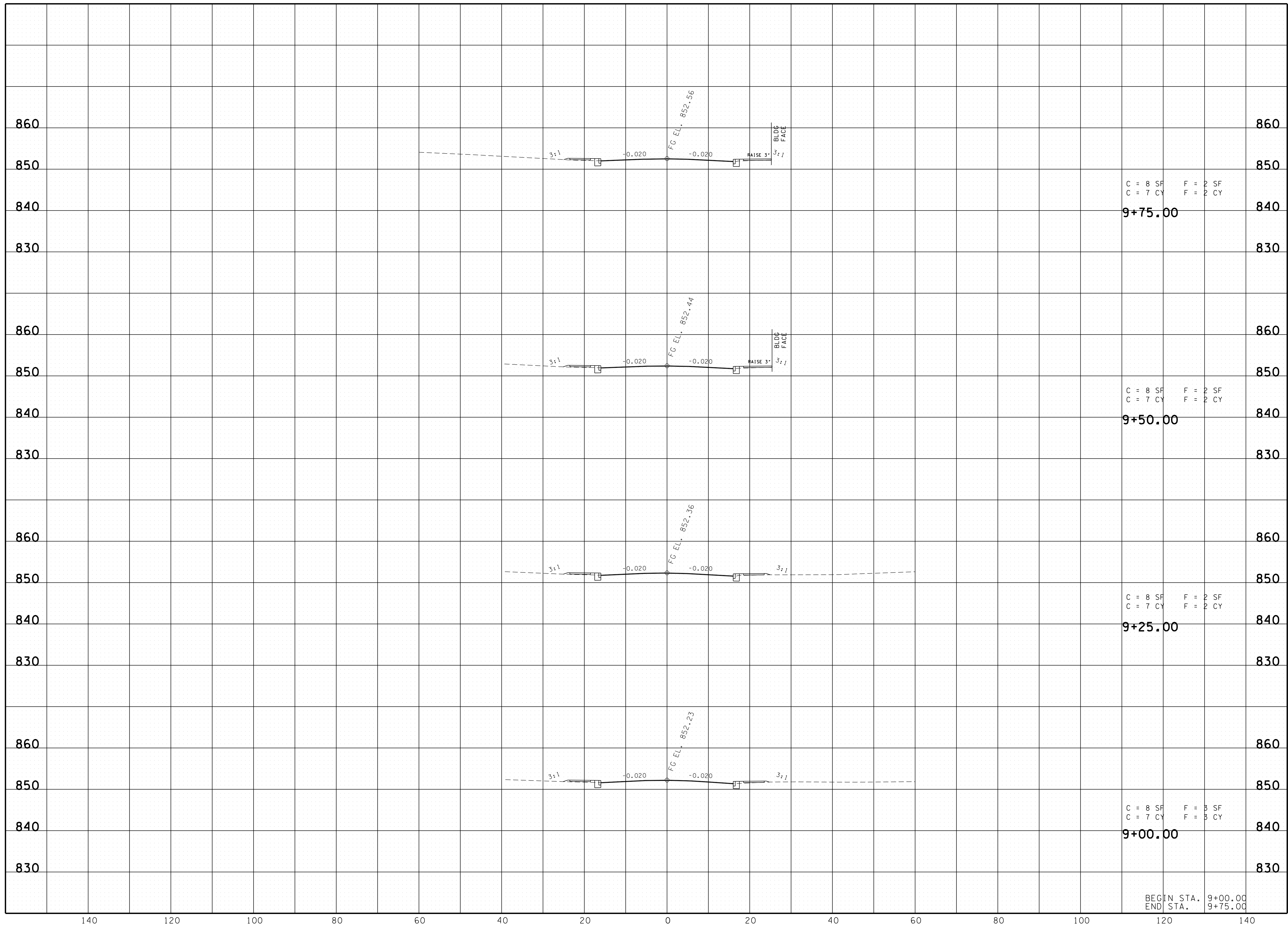
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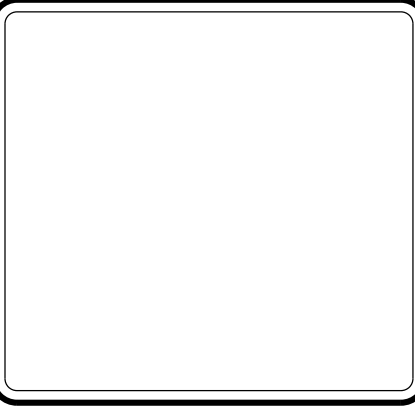
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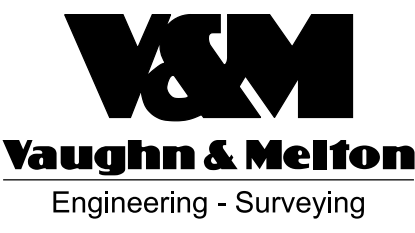
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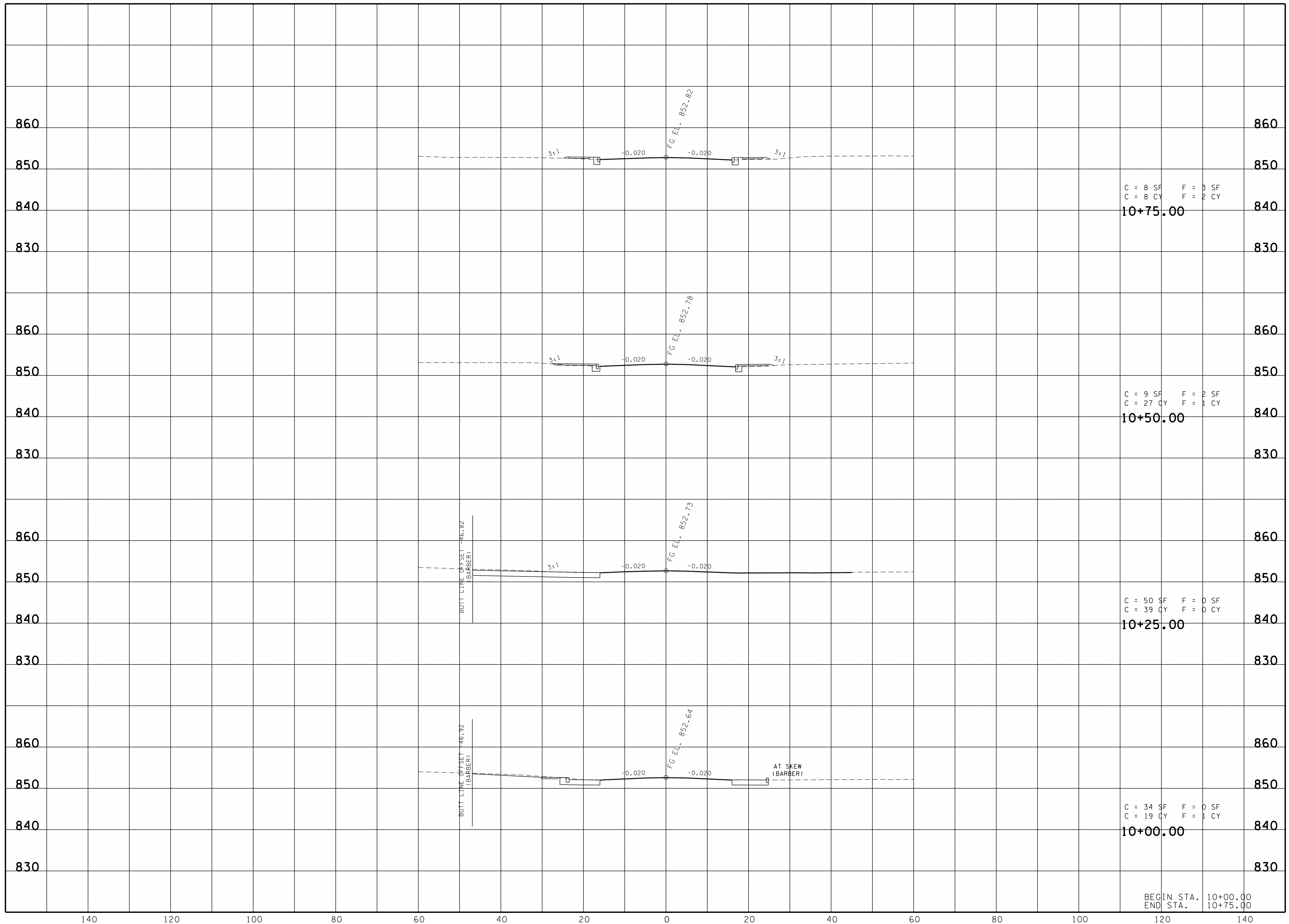
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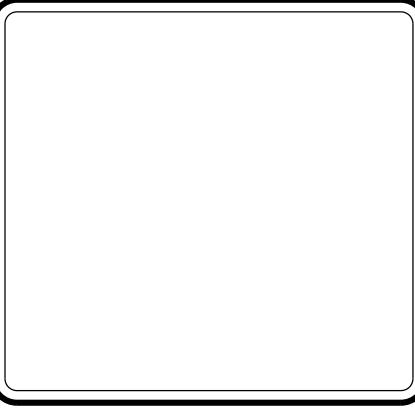
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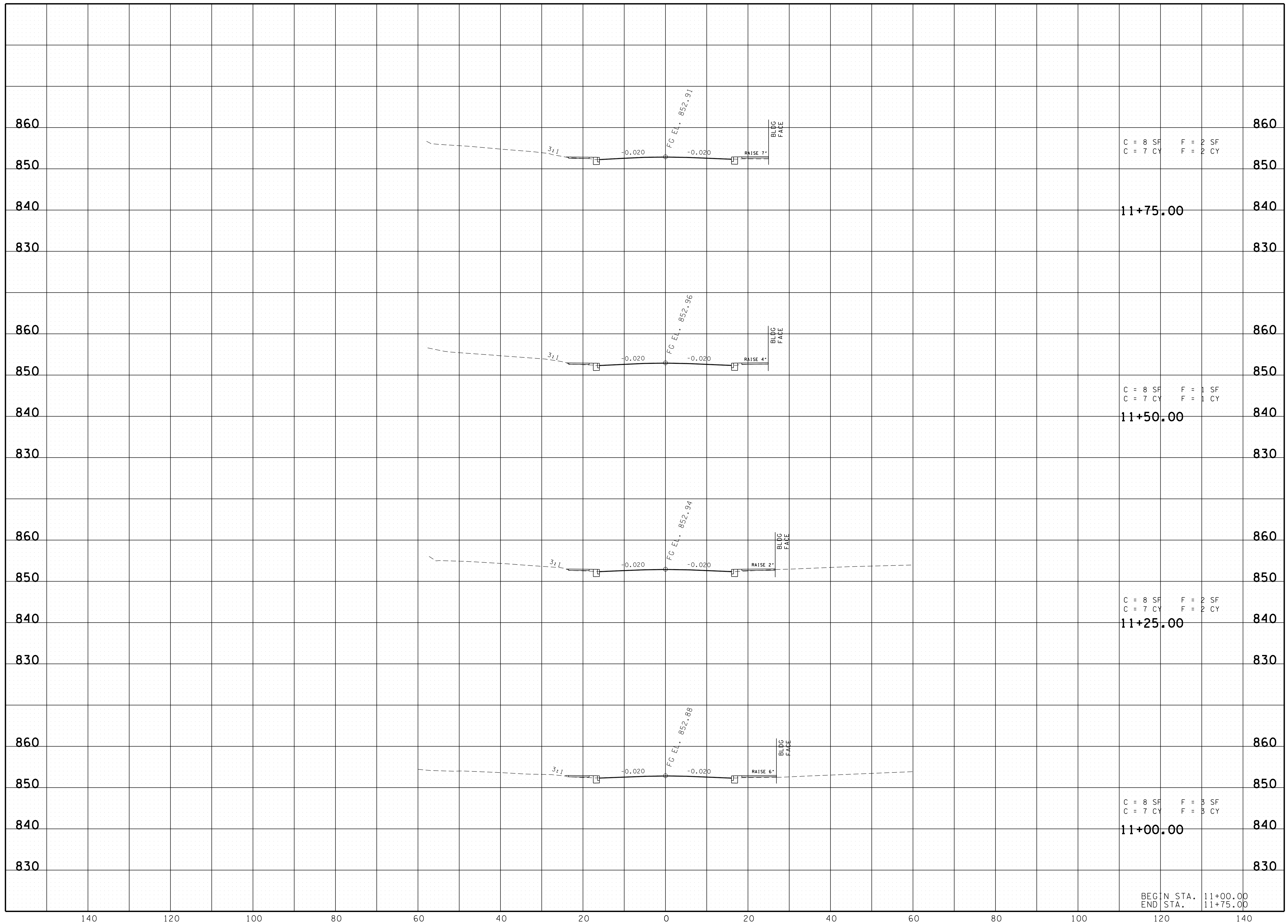
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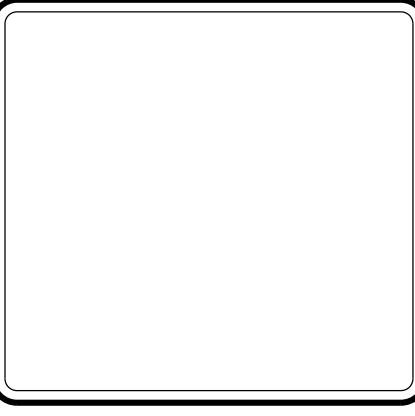
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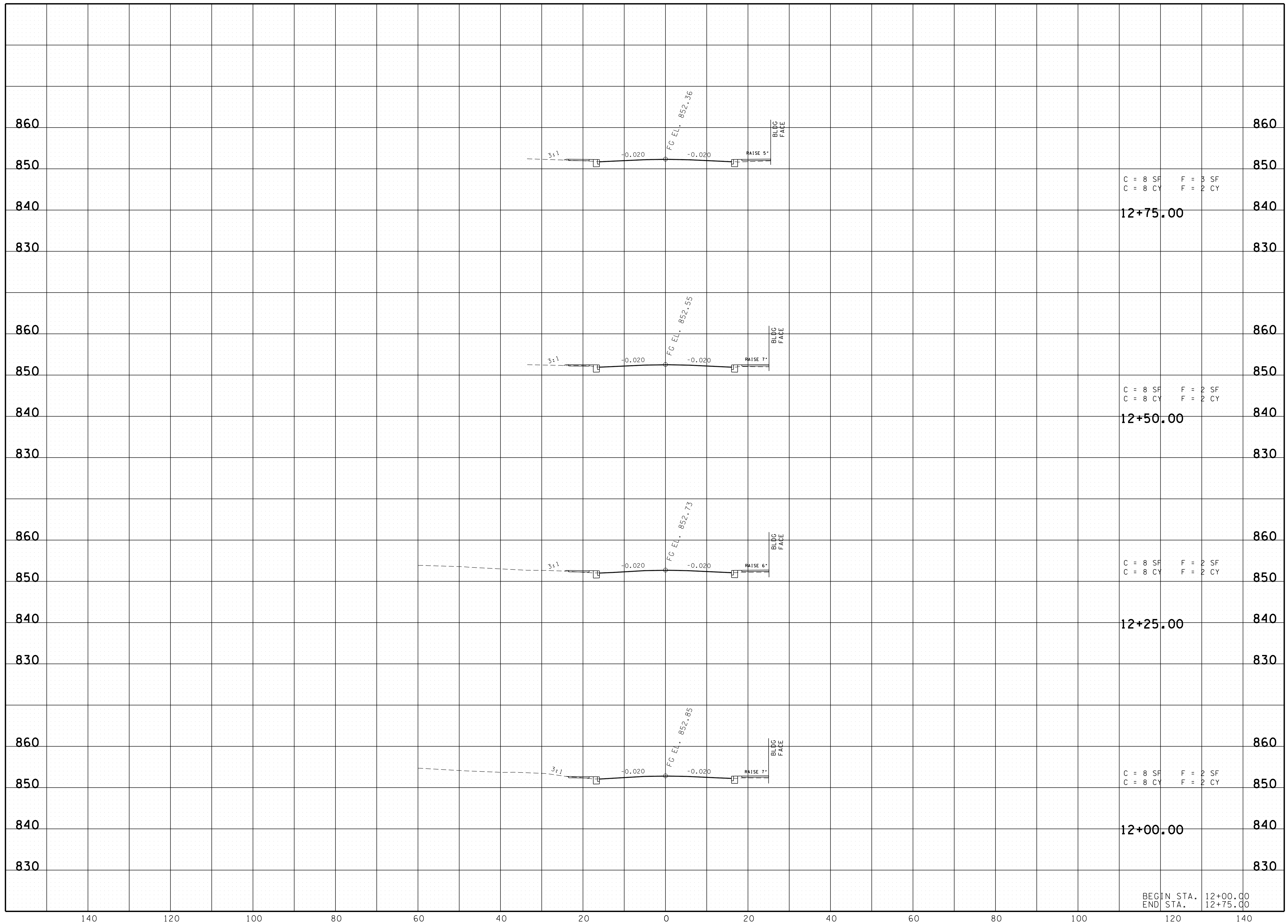
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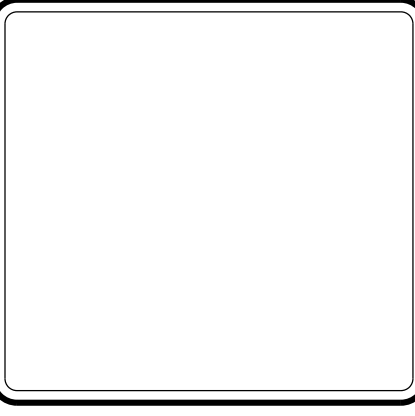
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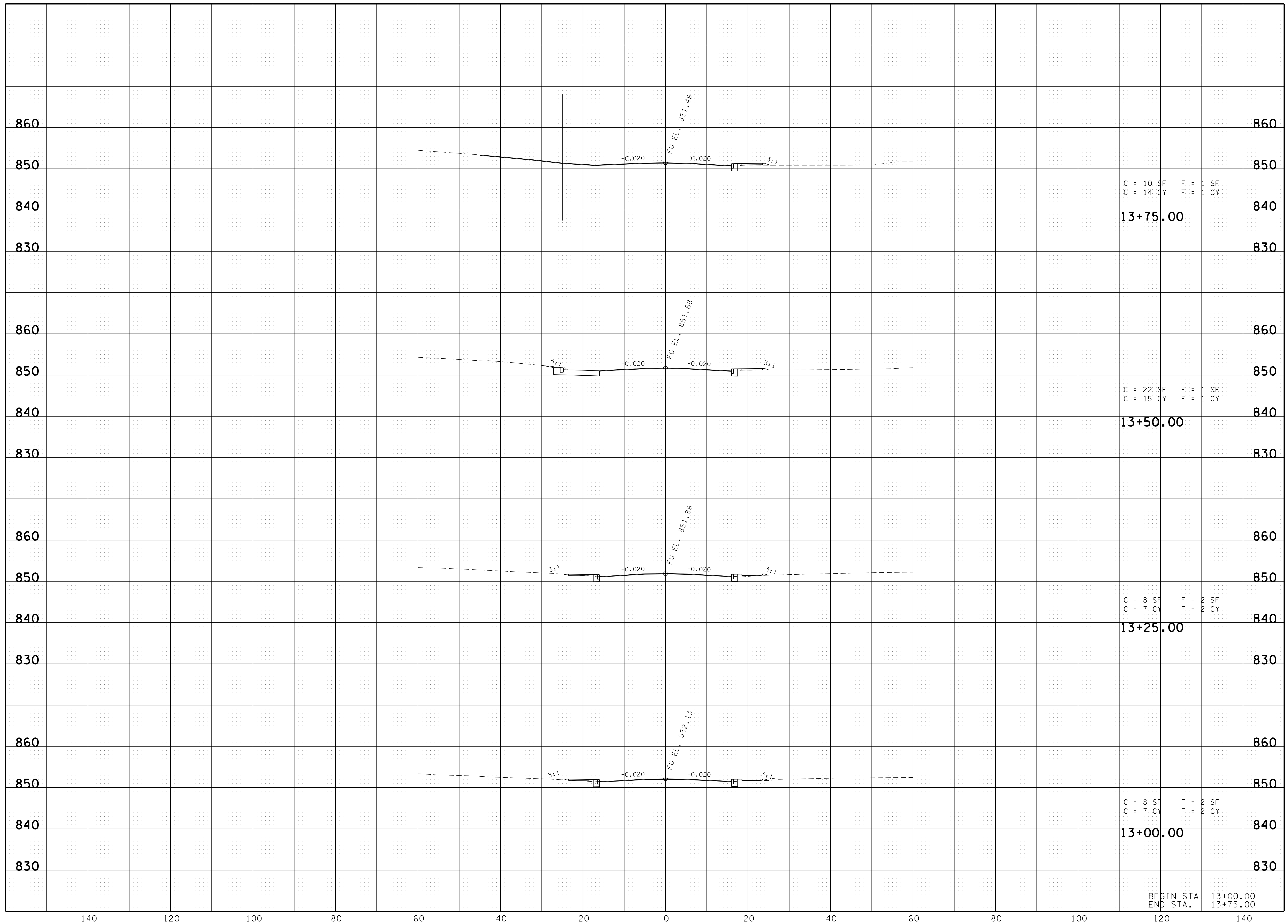
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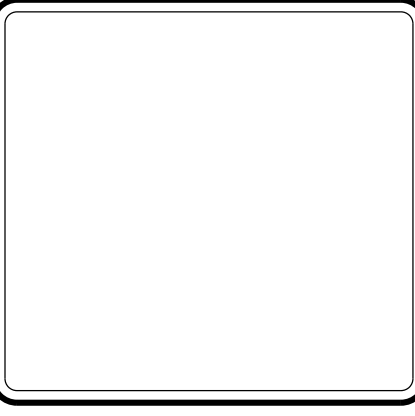
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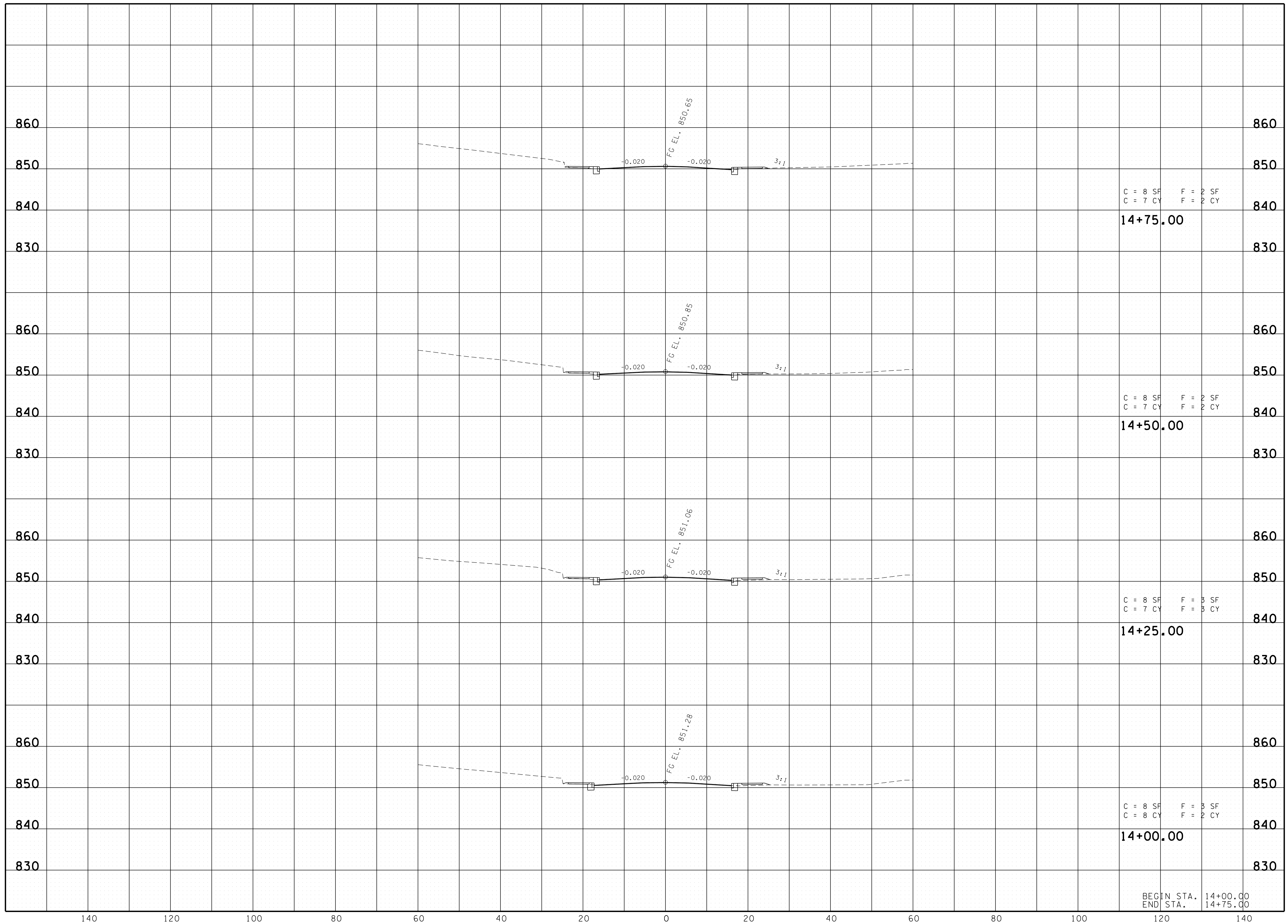
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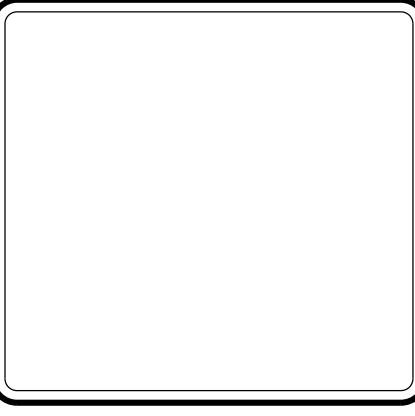
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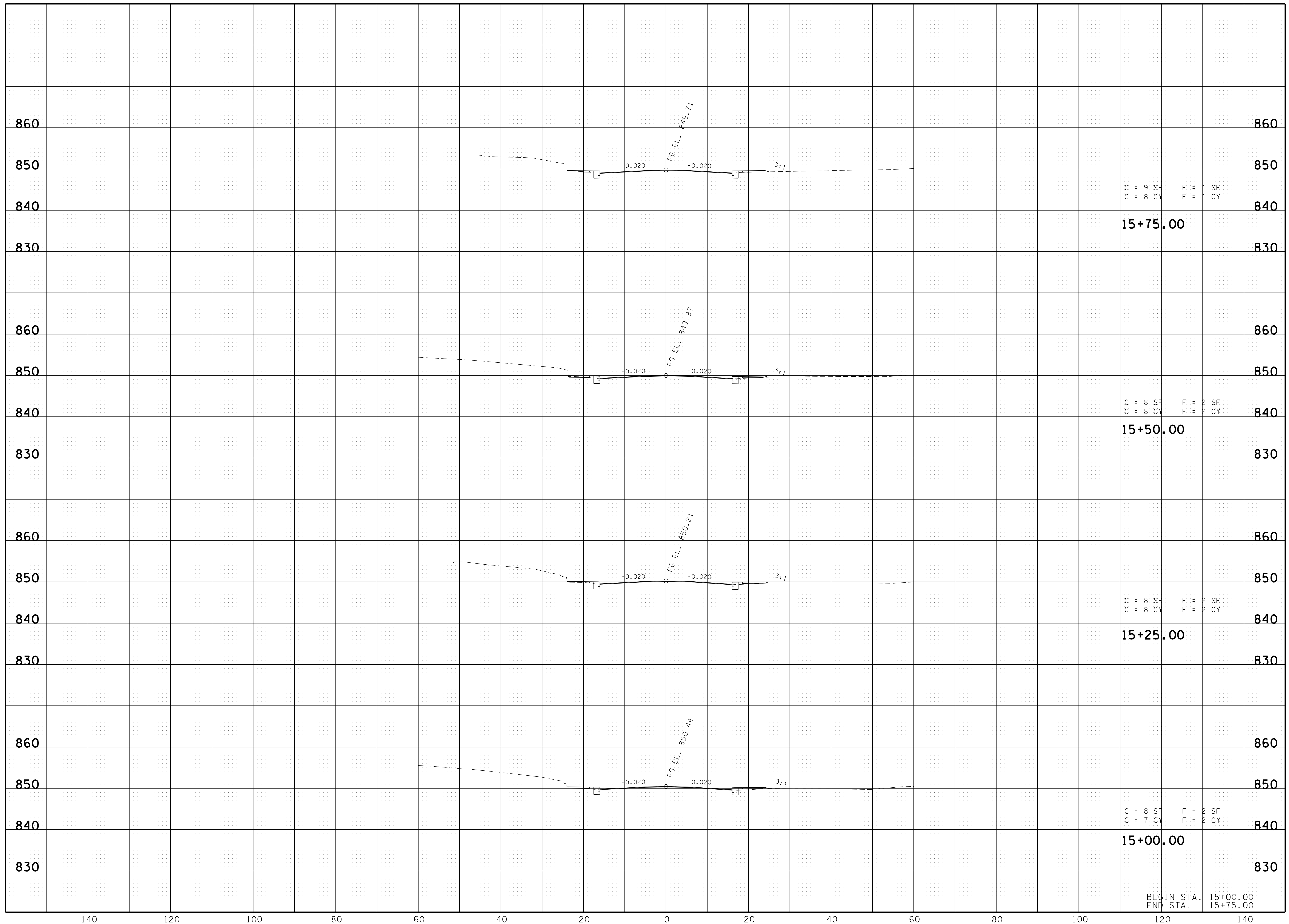
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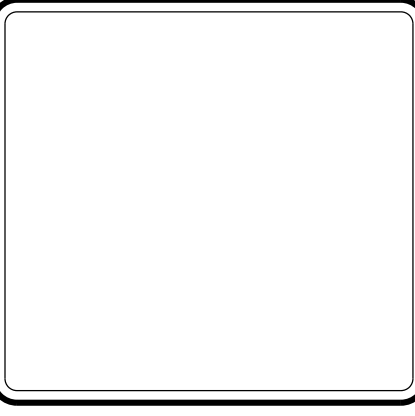
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CHECKED: J.C.E.	
JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
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SEVIER E.W.	
CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS9

BEGIN STA. 14+00.00
END STA. 14+75.00

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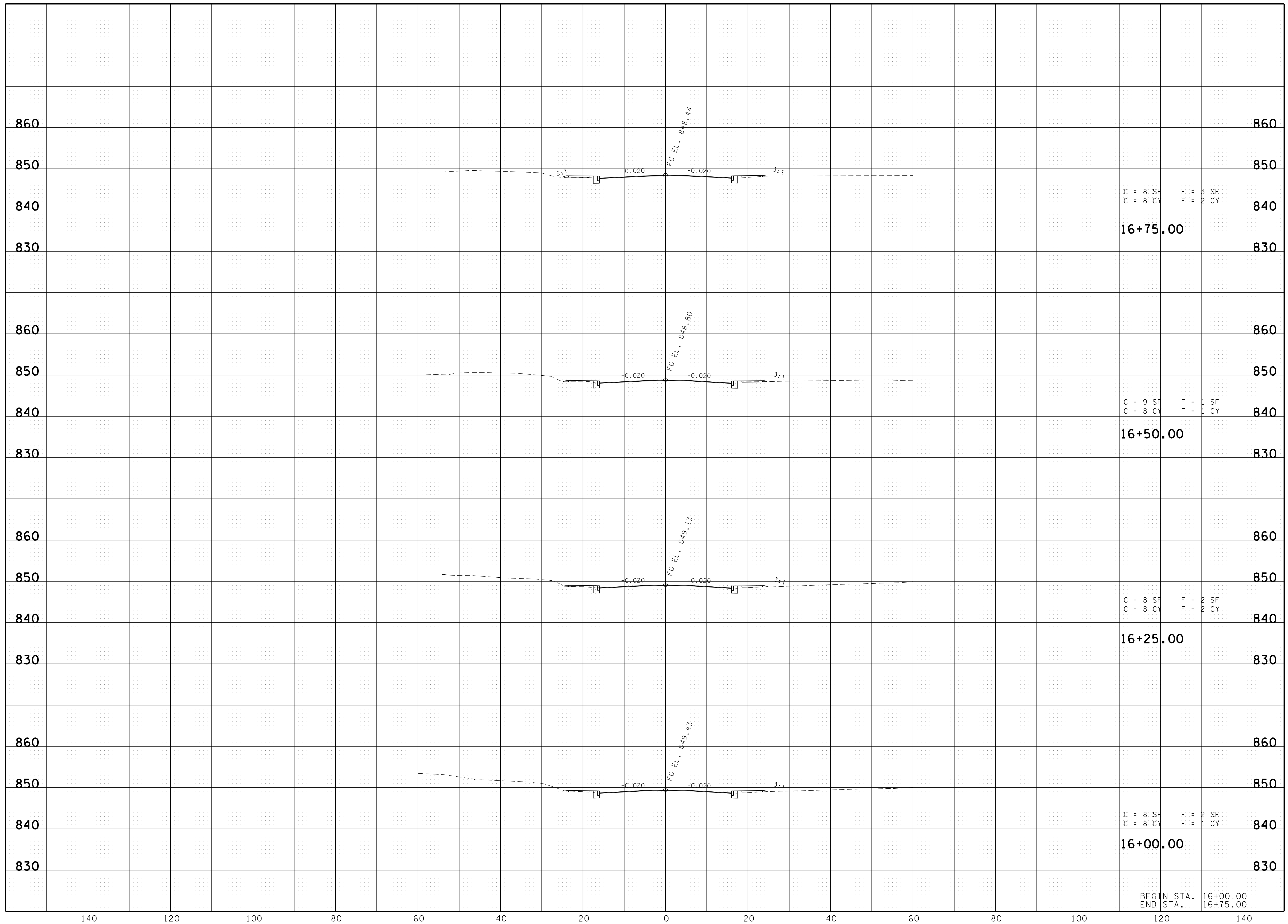
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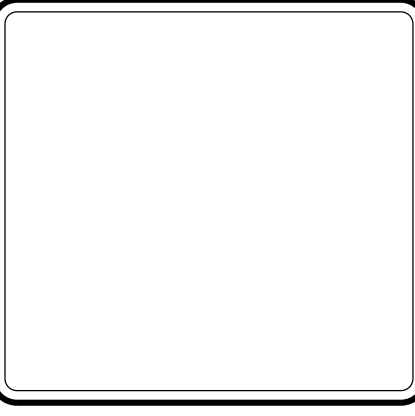
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JOB NO: 051430-37	
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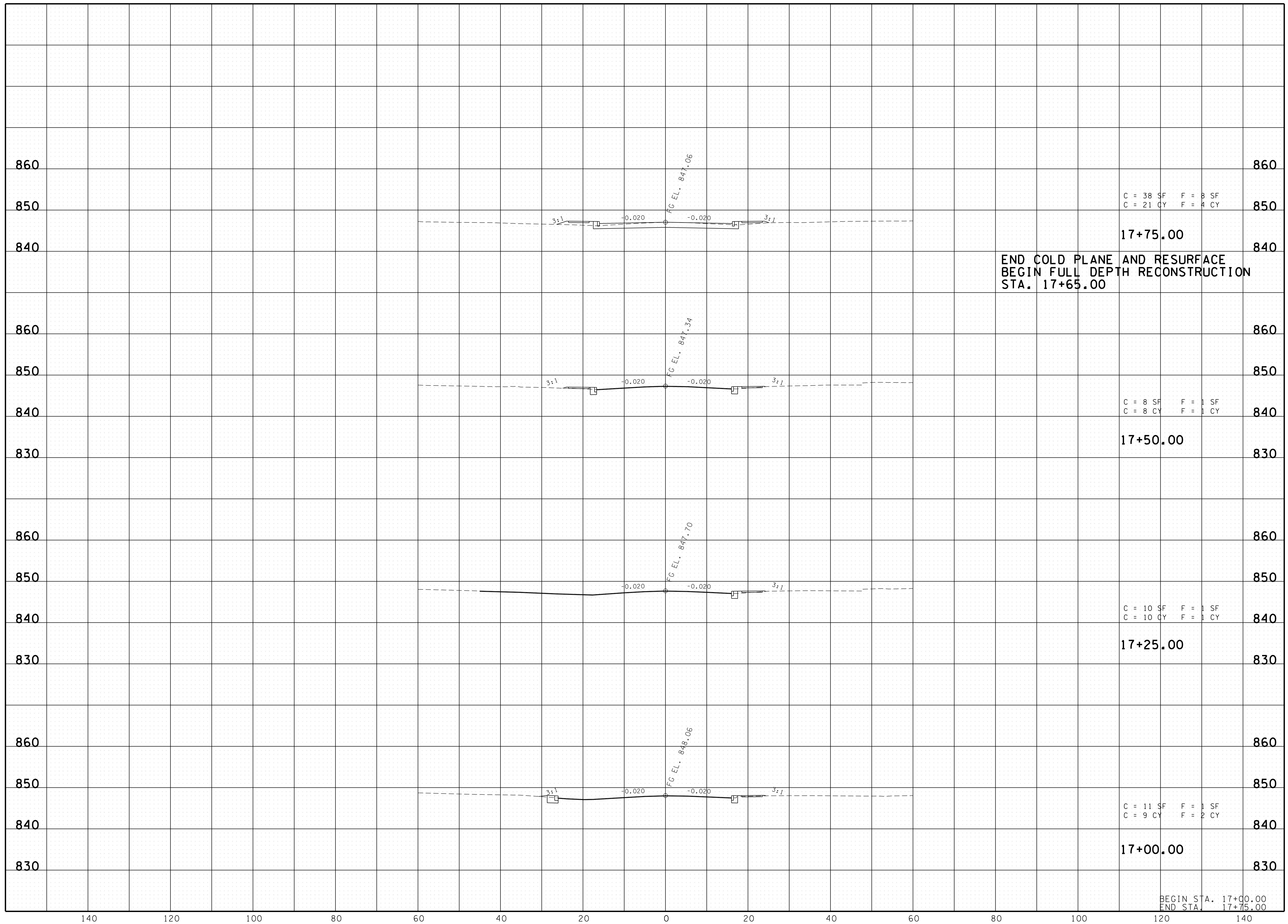
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FILE NAME:
DRAWING TITLE: SEVIER E.W. CROSS SECTIONS
DWG OF XS11

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END COLD PLANE AND RESURFACE
BEGIN FULL DEPTH RECONSTRUCTION
STA. 17+65.00

C = 38 SF F = 8 SF
C = 21 CY F = 4 CY

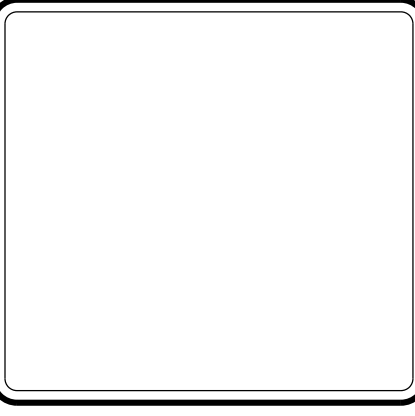
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C = 8 CY F = 1 CY

C = 10 SF F = 1 SF
C = 10 CY F = 1 CY

C = 11 SF F = 1 SF
C = 9 CY F = 2 CY

BEGIN STA. 17+00.00
END STA. 17+75.00

NO.	DATE	DESCRIPTION



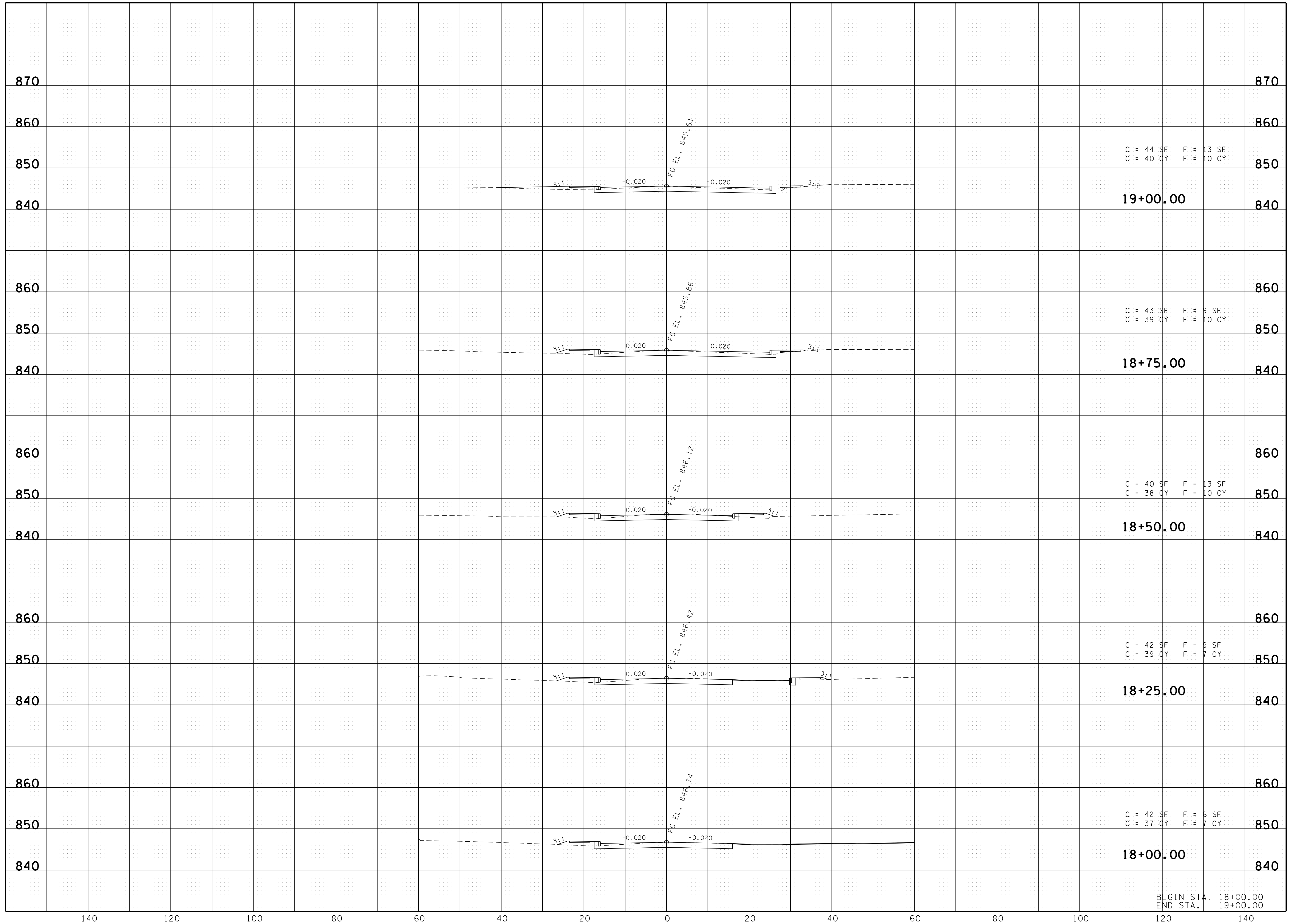
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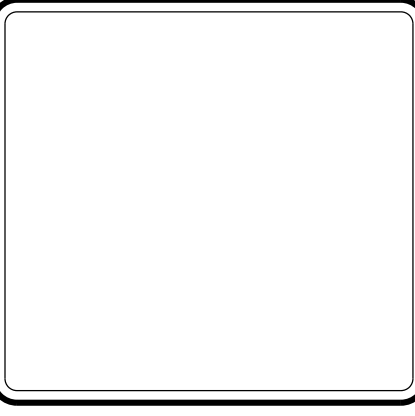
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JOB NO: 051430-37
SCALE: 1" = 10'
DATE: 06-30-2017
FILE NAME:
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DWG OF XS12

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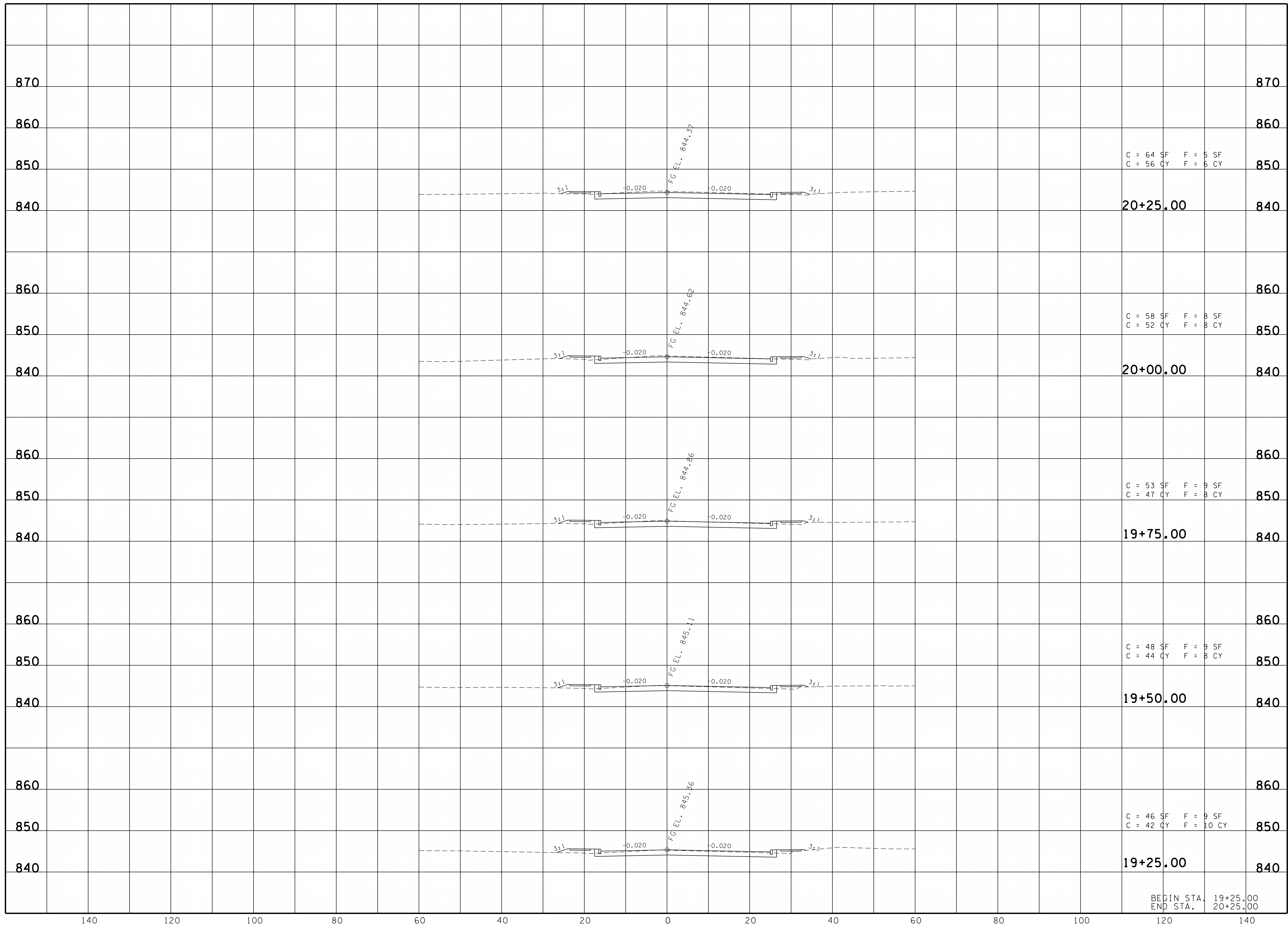


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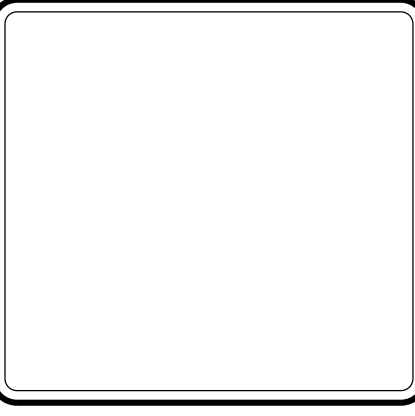
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CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS13

BEGIN STA. 18+00.00
END STA. 19+00.00

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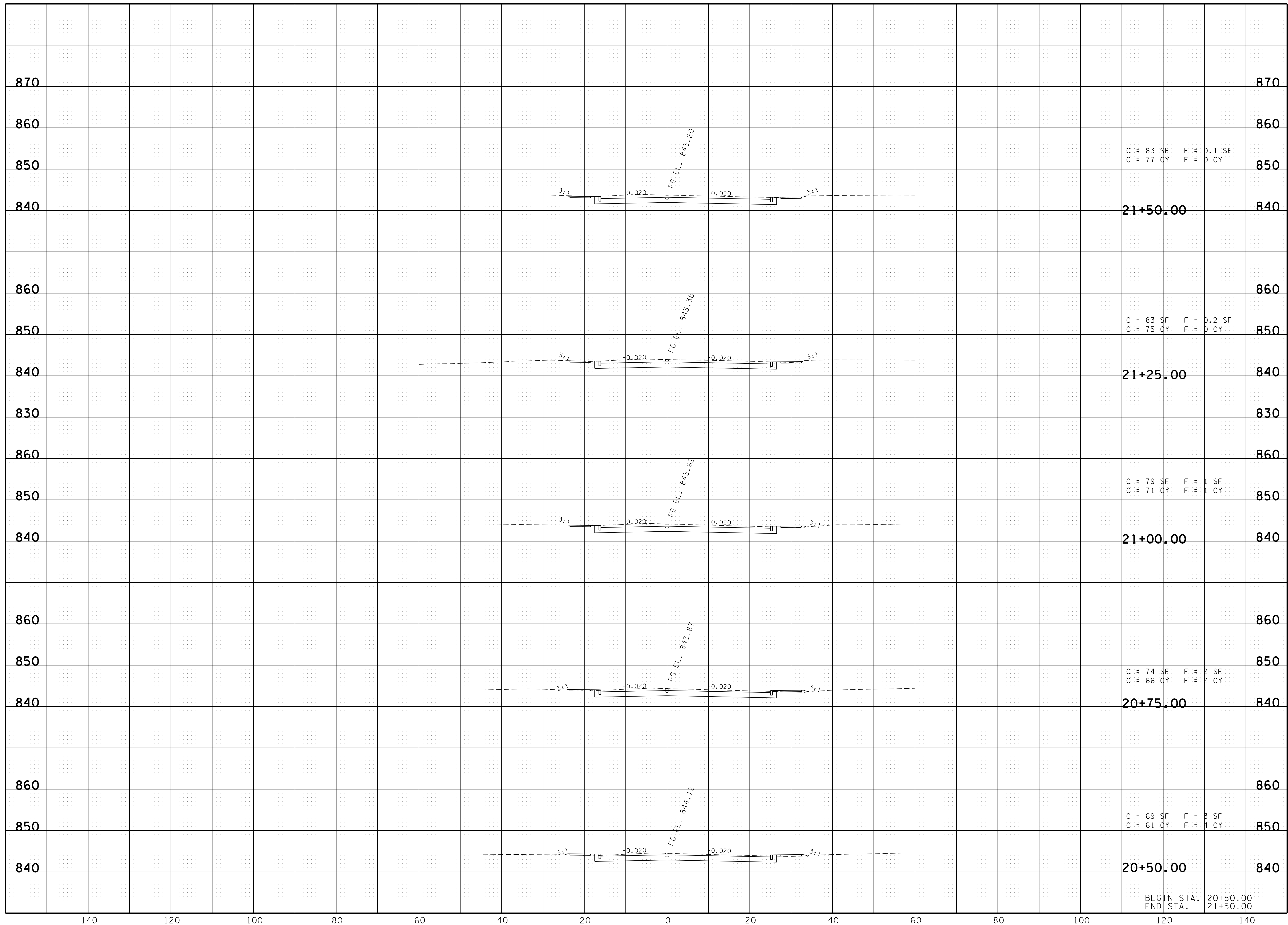


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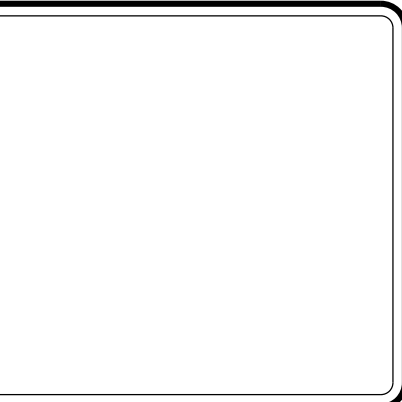
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CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS14

BEGIN STA. 19+25.00
END STA. 20+25.00

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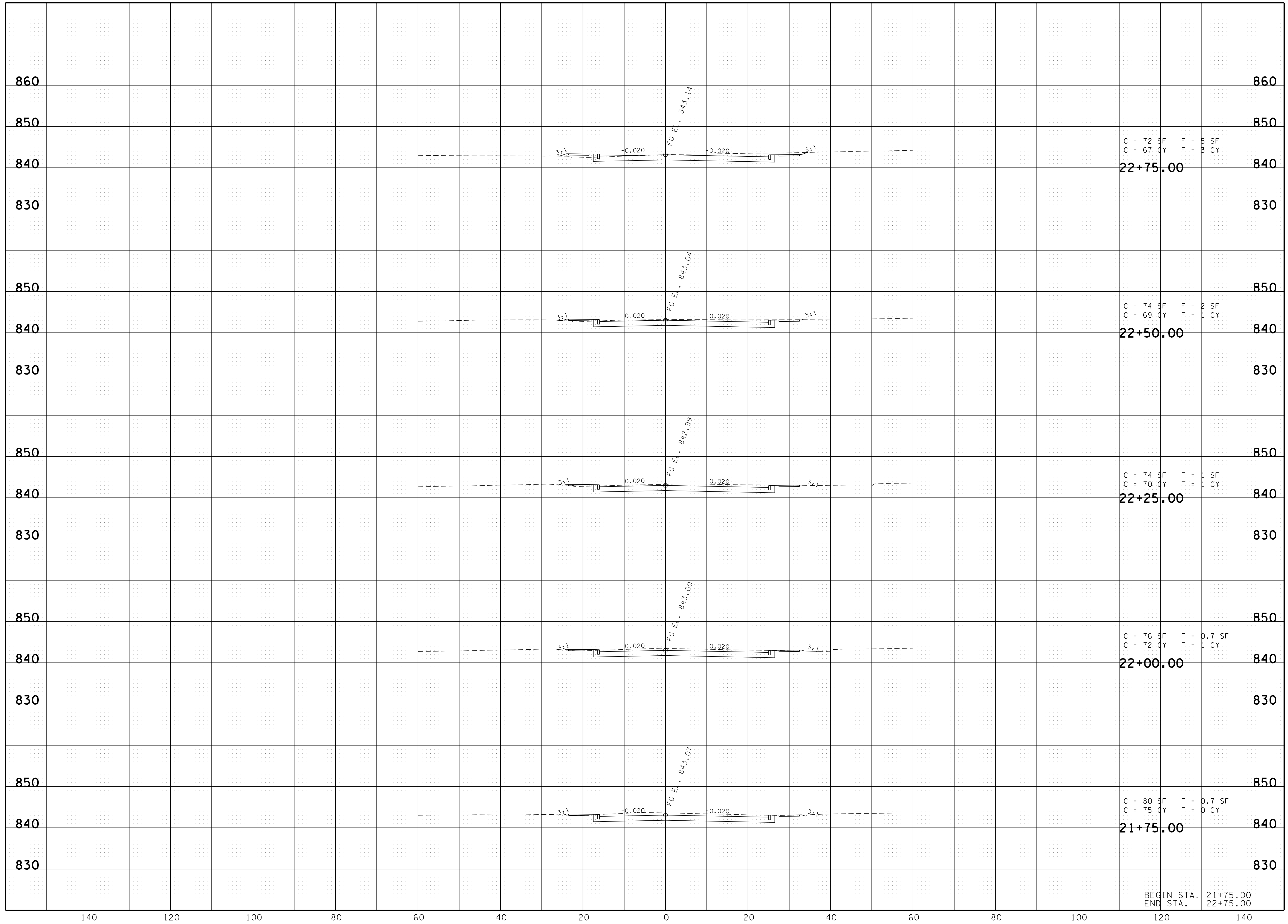
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JOB NO: 051430-37
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FILE NAME:
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DWG OF XS15
DRAWING NO:

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C = 72 SF F = 5 SF
 C = 67 CY F = 3 CY
22+75.00

C = 74 SF F = 2 SF
 C = 69 CY F = 1 CY
22+50.00

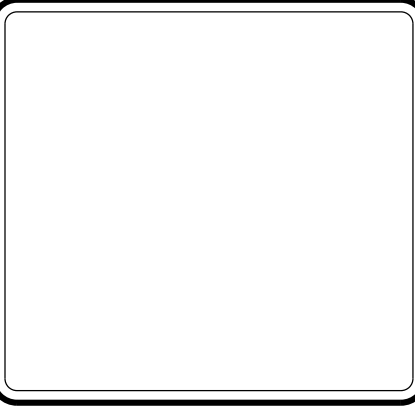
C = 74 SF F = 1 SF
 C = 70 CY F = 1 CY
22+25.00

C = 76 SF F = 0.7 SF
 C = 72 CY F = 1 CY
22+00.00

C = 80 SF F = 0.7 SF
 C = 75 CY F = 0 CY
21+75.00

BEGIN STA. 21+75.00
 END STA. 22+75.00

NO.	DATE	DESCRIPTION



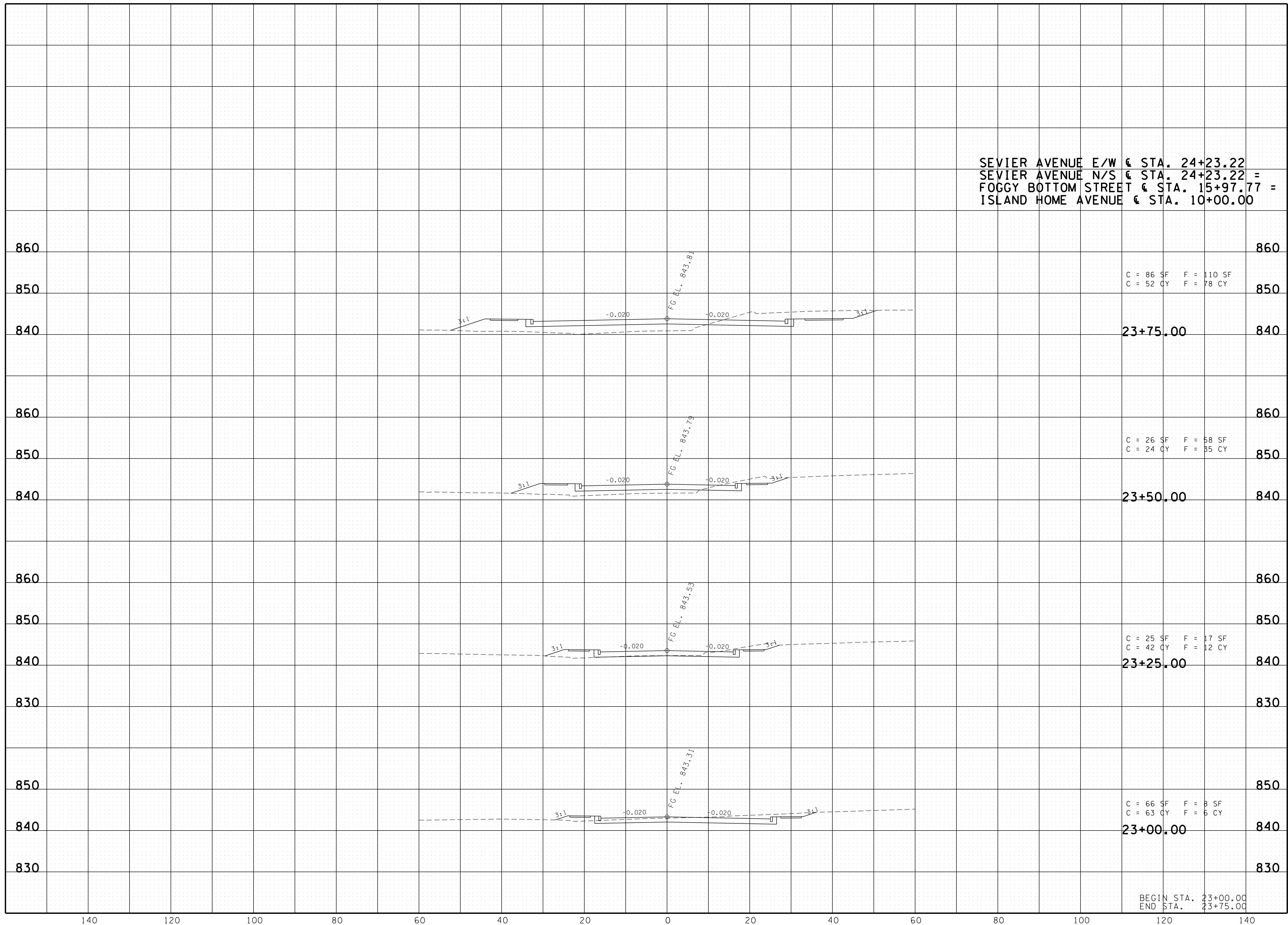
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CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS16

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SEVIER AVENUE E/W @ STA. 24+23.22 =
 SEVIER AVENUE N/S @ STA. 24+23.22 =
 FOGGY BOTTOM STREET @ STA. 15+97.77 =
 ISLAND HOME AVENUE @ STA. 10+00.00

C = 86 SF F = 110 SF
 C = 52 CY F = 78 CY

C = 26 SF F = 58 SF
 C = 24 CY F = 35 CY

C = 25 SF F = 17 SF
 C = 42 CY F = 12 CY

C = 66 SF F = 8 SF
 C = 63 CY F = 6 CY

BEGIN STA. 23+00.00
 END STA. 23+75.00

NO.	DATE	DESCRIPTION

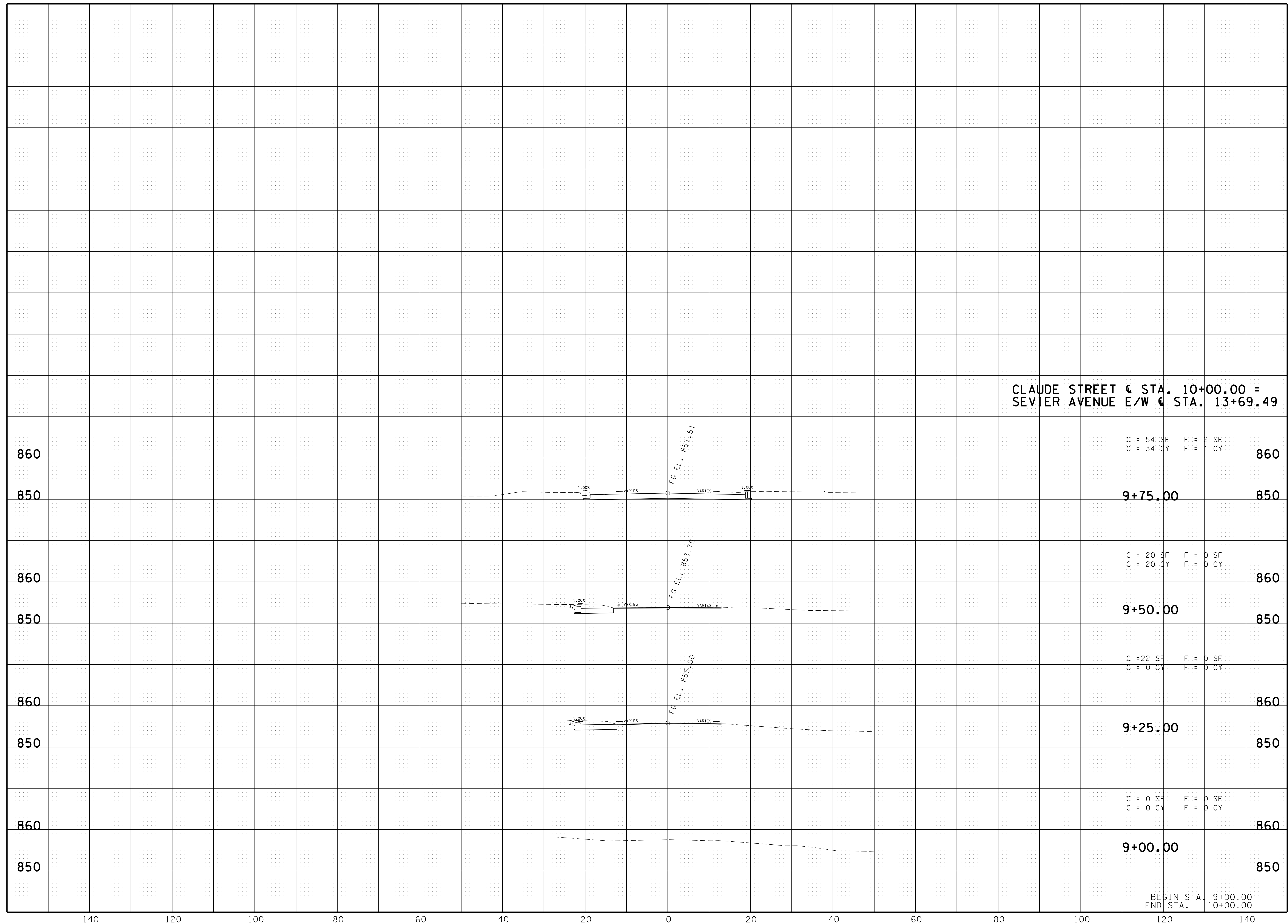
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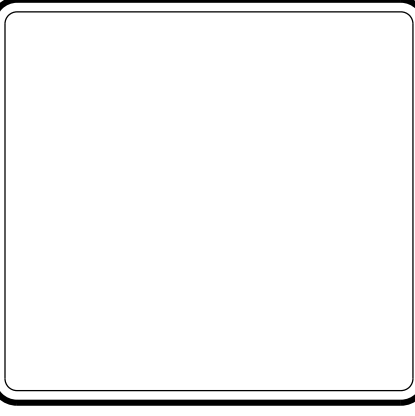
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FILE NAME:	
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DWG OF	DRAWING NO: XS17

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CLAUDE STREET @ STA. 10+00.00 =
 SEVIER AVENUE E/W @ STA. 13+69.49

NO.	DATE	DESCRIPTION



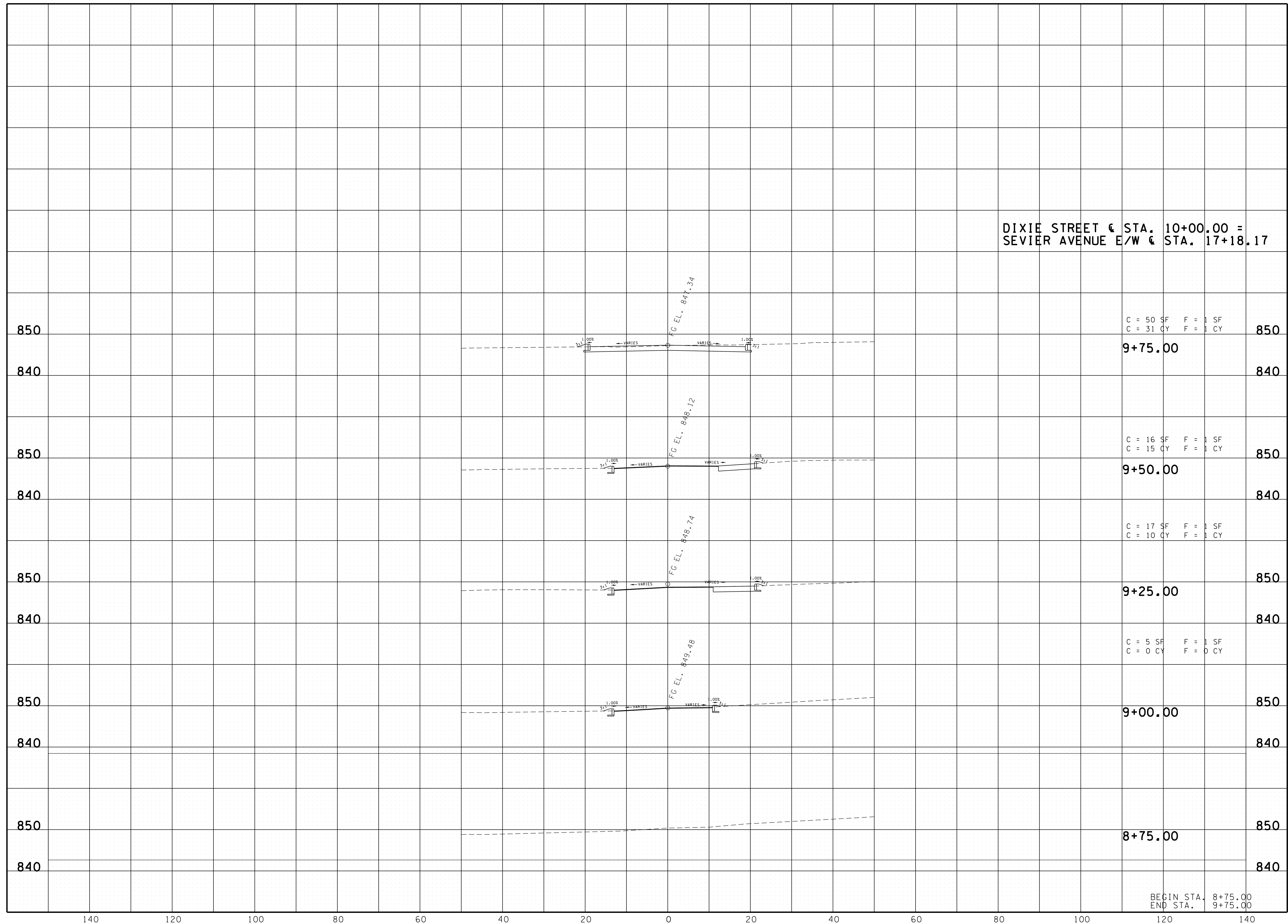
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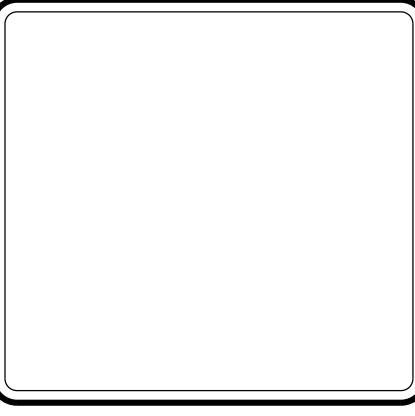
DRAWN:	D.E.H.
CHECKED:	J.C.E.
JOB NO:	051430-37
SCALE:	1" = 10'
DATE:	06-30-2017
FILE NAME:	
DRAWING TITLE:	CLAUDE ST. CROSS SECTIONS
DWG	DRAWING NO:
OF	XS18

8/11/2017 12:45:22 PM \\X:\tennessee\transportation\5430-37\data\Drawings\5430-37\Xsect3 Dixie.nshd



DIXIE STREET @ STA. 10+00.00 =
SEVIER AVENUE E/W @ STA. 17+18.17

NO.	DATE	DESCRIPTION



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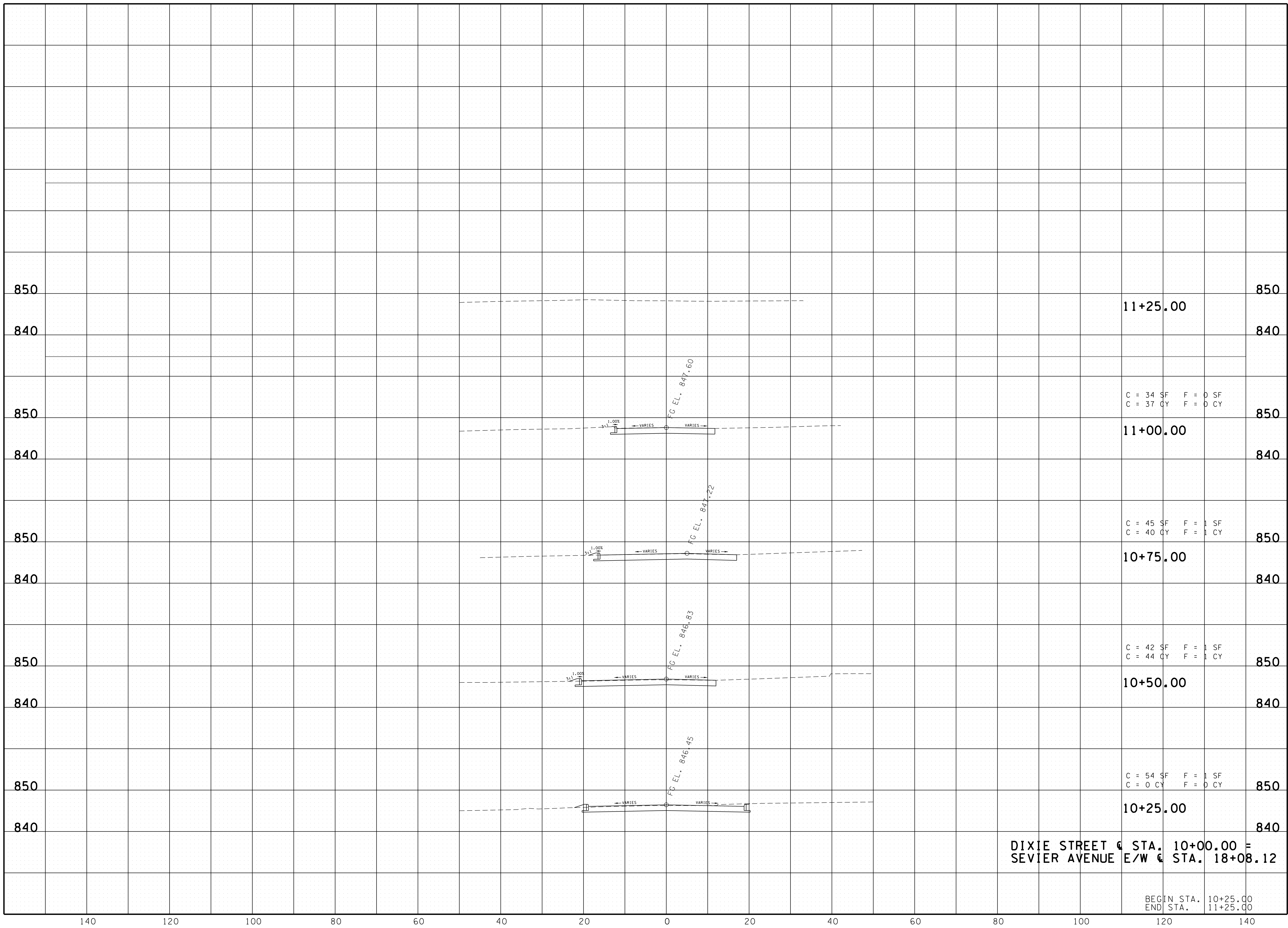
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JOB NO: 051430-37
SCALE: 1" = 10'
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE:
DIXIE ST. LEFT
CROSS
SECTIONS

DWG OF XS19

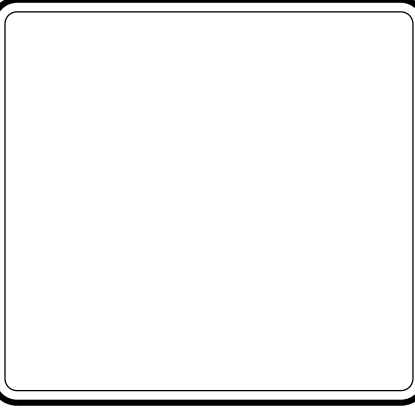
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DIXIE STREET @ STA. 10+00.00 =
SEVIER AVENUE E/W @ STA. 18+08.12

BEGIN STA. 10+25.00
END STA. 11+25.00

NO.	DATE	DESCRIPTION



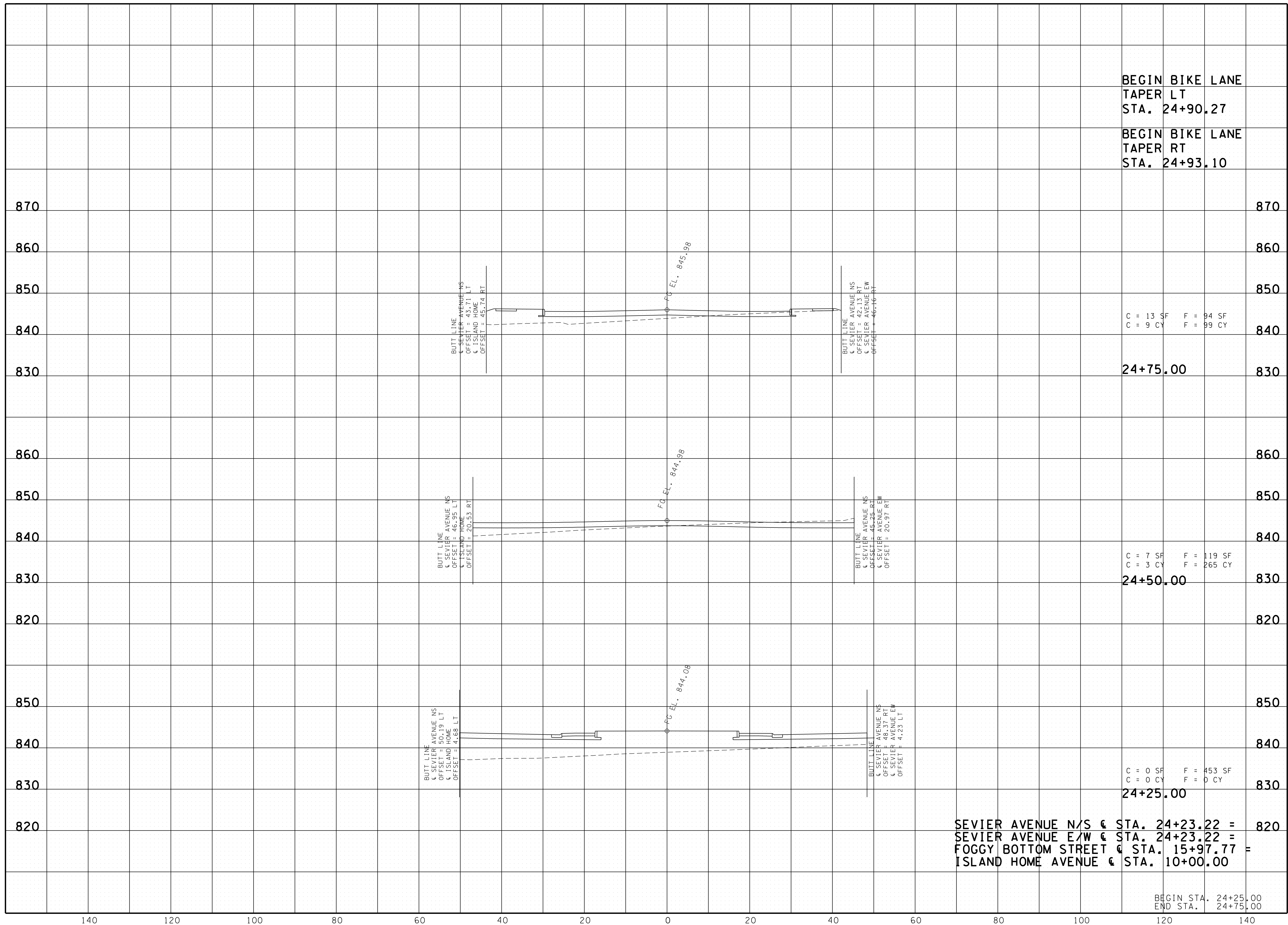
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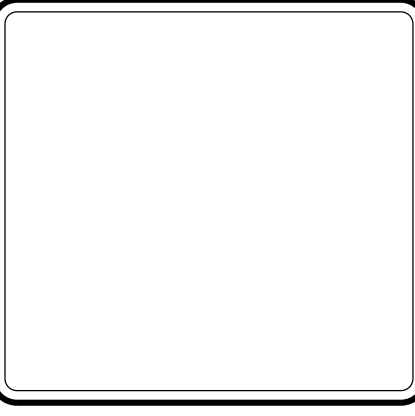
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SCALE: 1" = 10'
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FILE NAME:
DRAWING TITLE:
DIXIE ST. RIGHT CROSS SECTIONS
DWG OF
DRAWING NO: XS20

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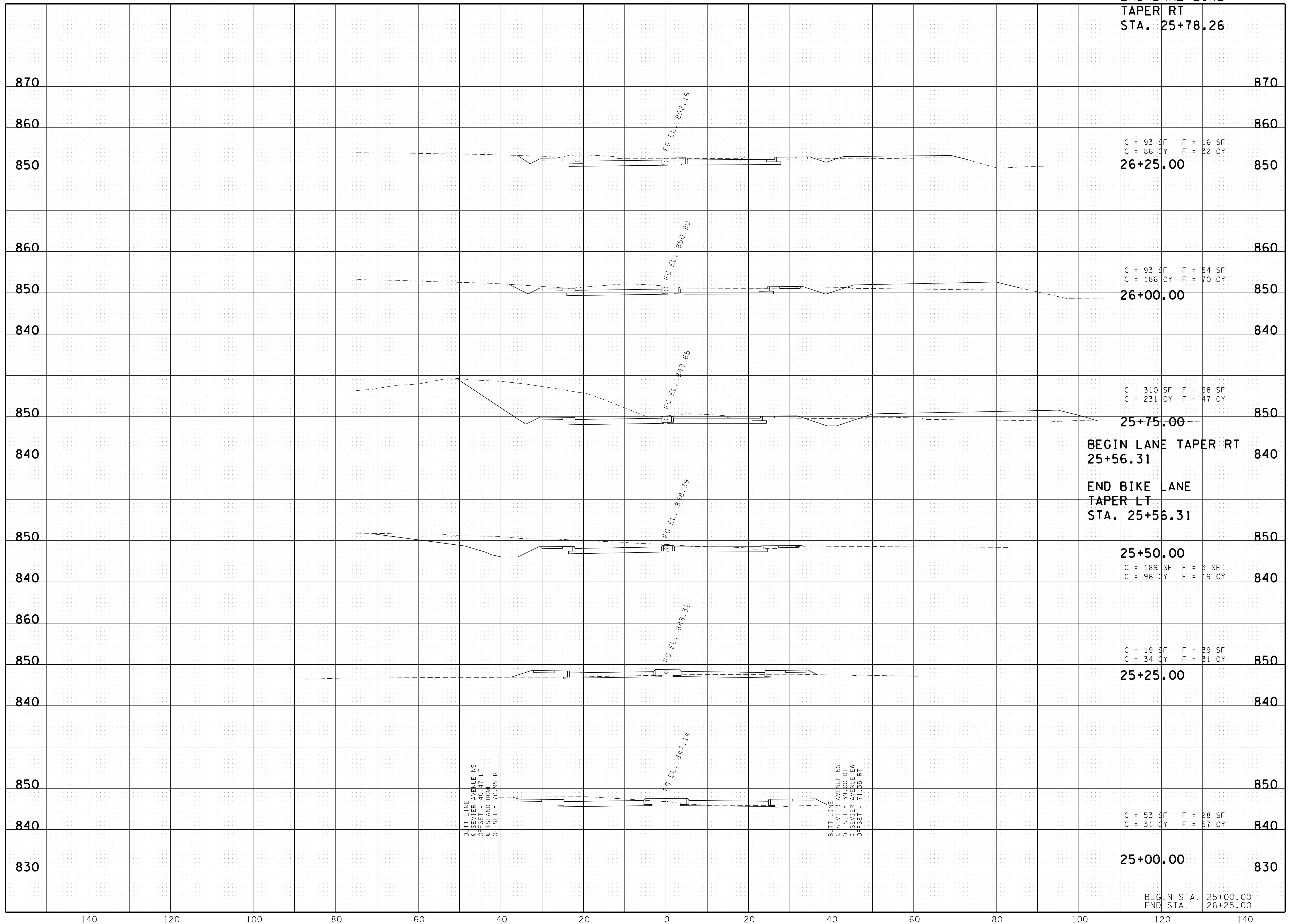
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FILE NAME:	
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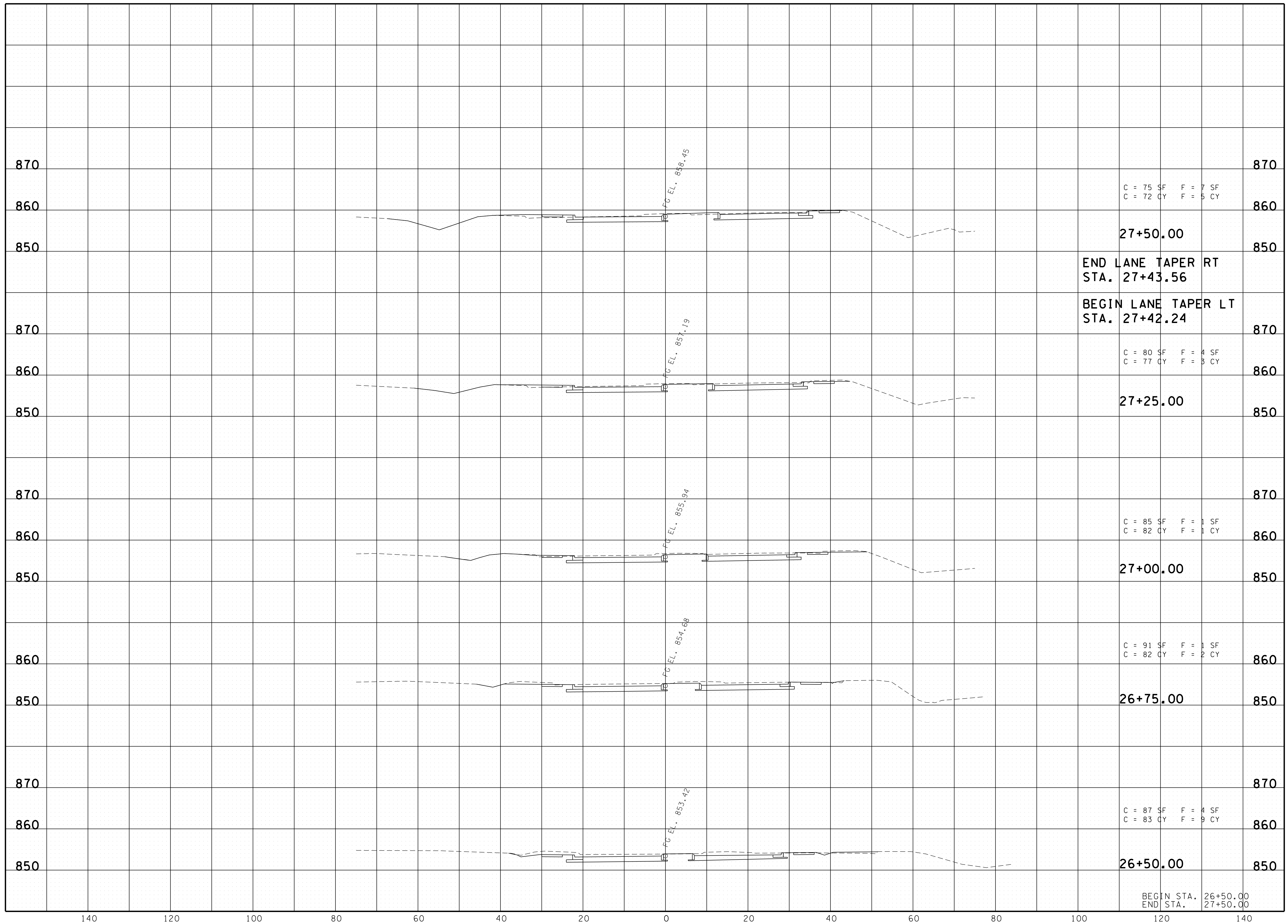
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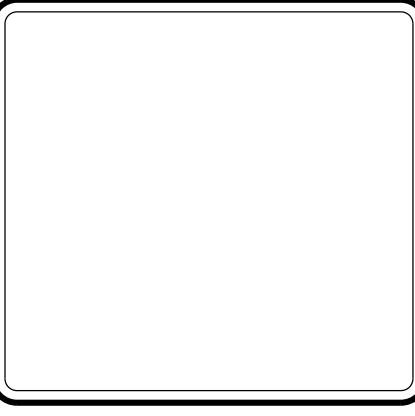
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FILE NAME:
DRAWING TITLE:
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CROSS
SECTIONS
DWG OF XS22

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NO.	DATE	DESCRIPTION



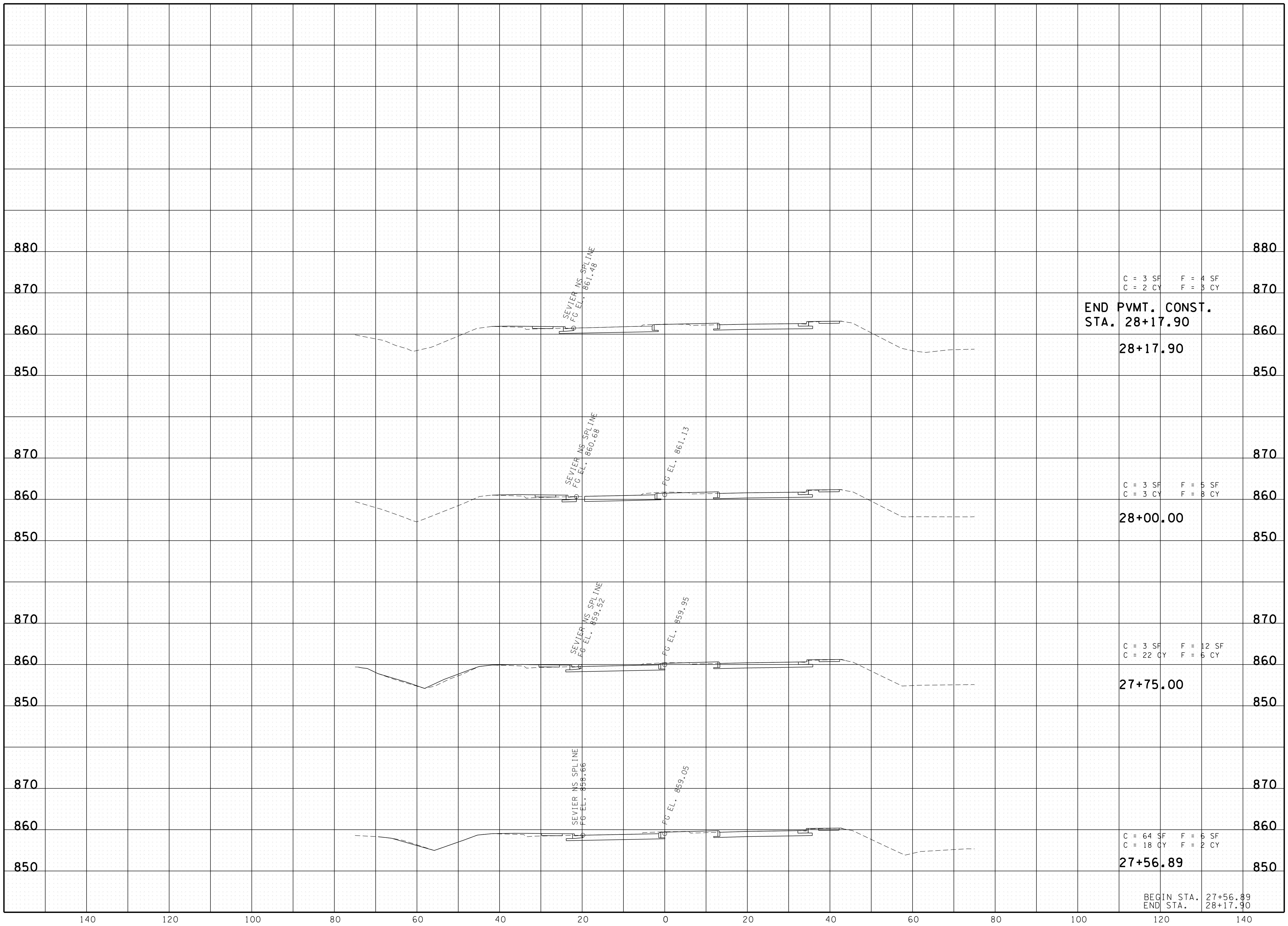
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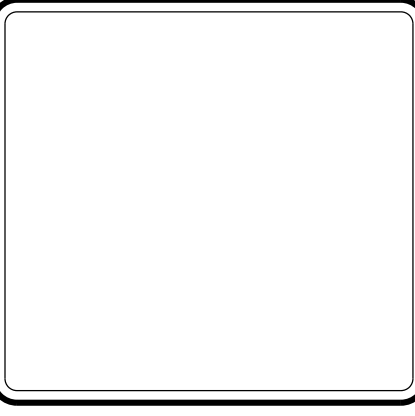
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FILE NAME:	
DRAWING TITLE:	
SEVIER N.S. CROSS SECTIONS	
DWG	DRAWING NO:
OF	XS24

C = 3 SF F = 4 SF
C = 2 CY F = 3 CY

END PVMT. CONST.
STA. 28+17.90

28+17.90

C = 3 SF F = 5 SF
C = 3 CY F = 8 CY

28+00.00

C = 3 SF F = 12 SF
C = 22 CY F = 6 CY

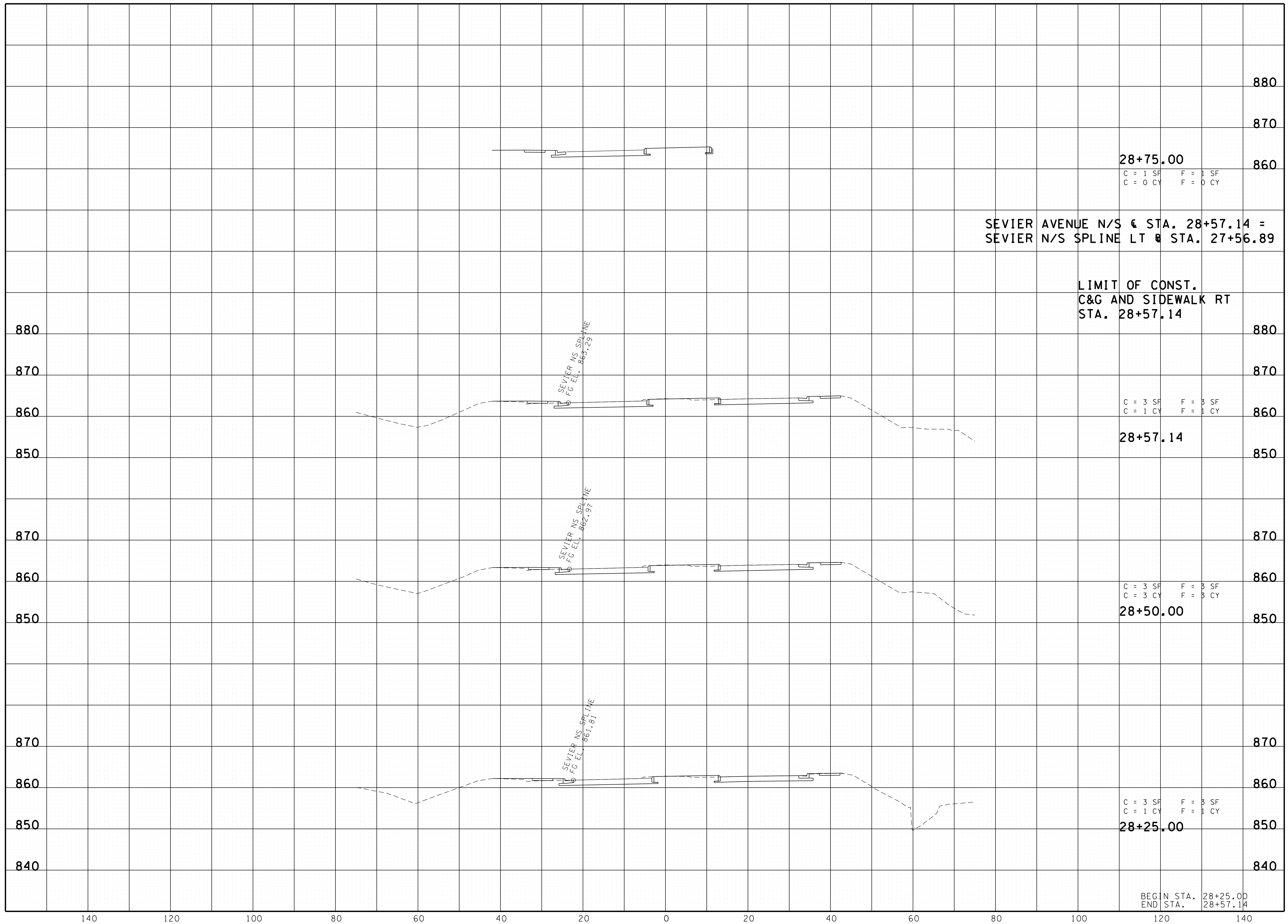
27+75.00

C = 64 SF F = 6 SF
C = 18 CY F = 2 CY

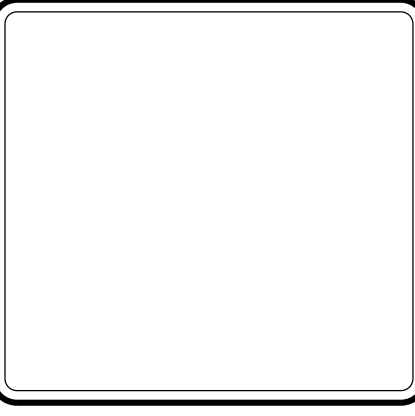
27+56.89

BEGIN STA. 27+56.89
END STA. 28+17.90

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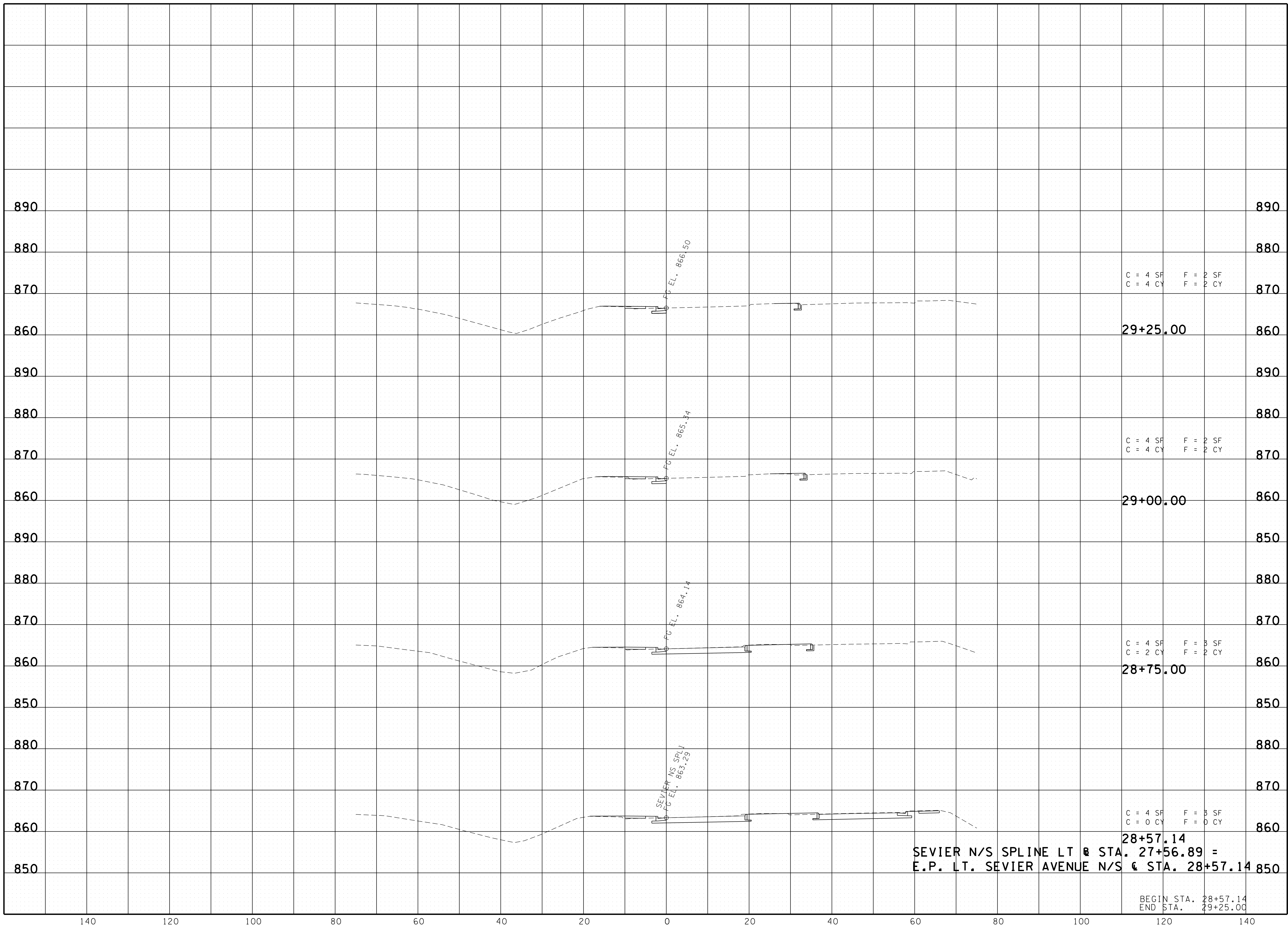
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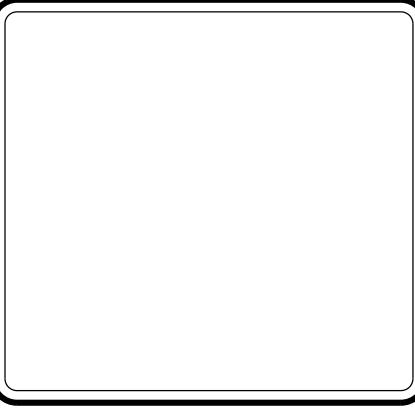
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JOB NO: 051430-37	
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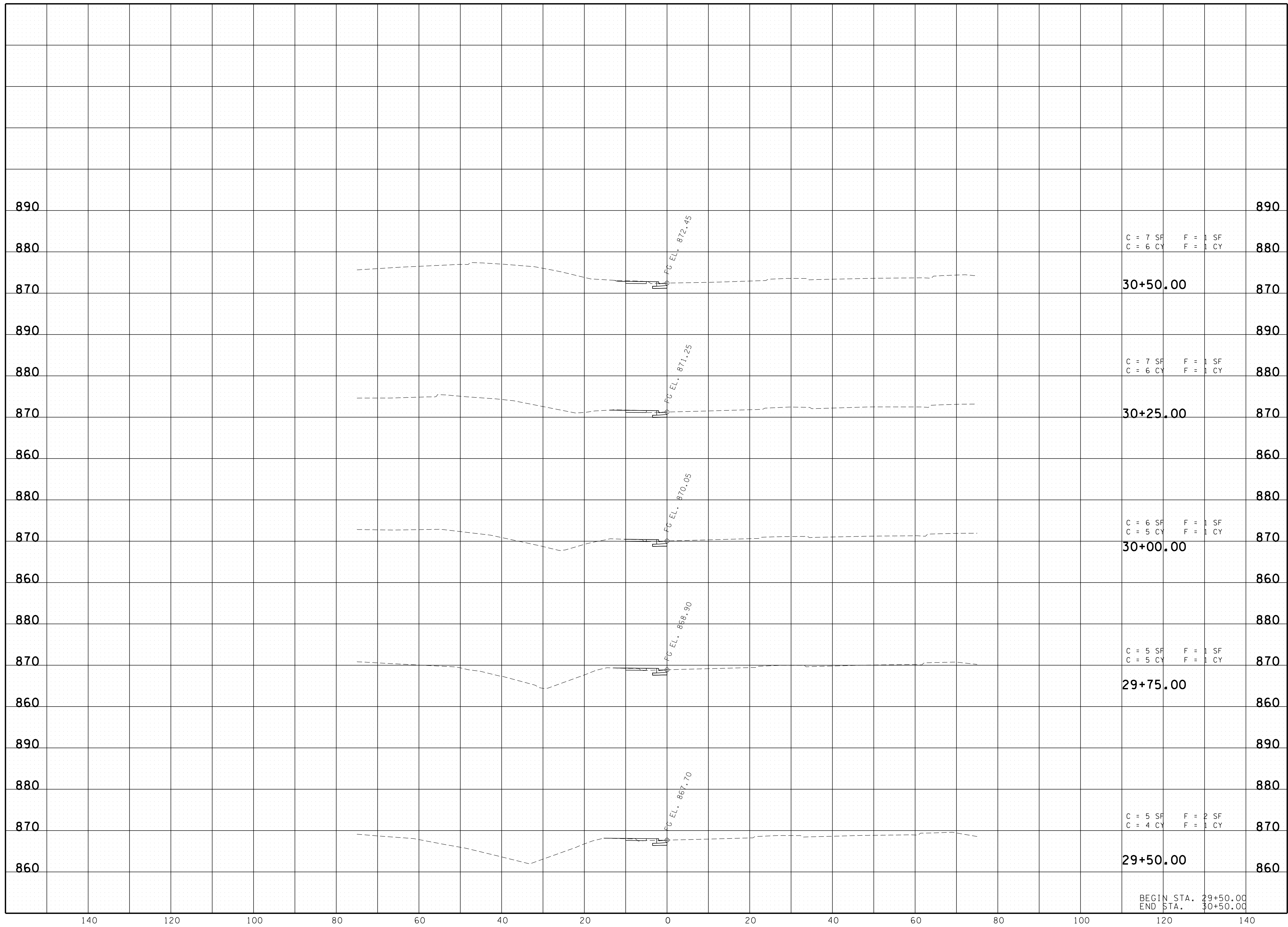
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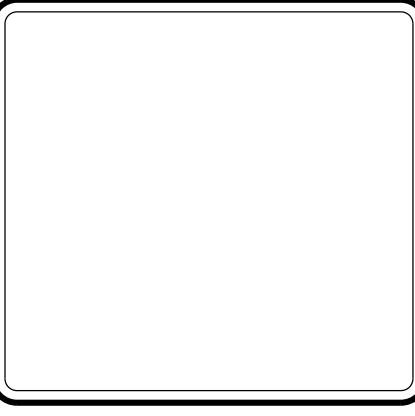
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DRAWN: D.E.H.	
CHECKED: J.C.E.	
JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
SEVIER N.S. SPLINE CROSS SECTIONS	
DWG	DRAWING NO:
OF	XS26

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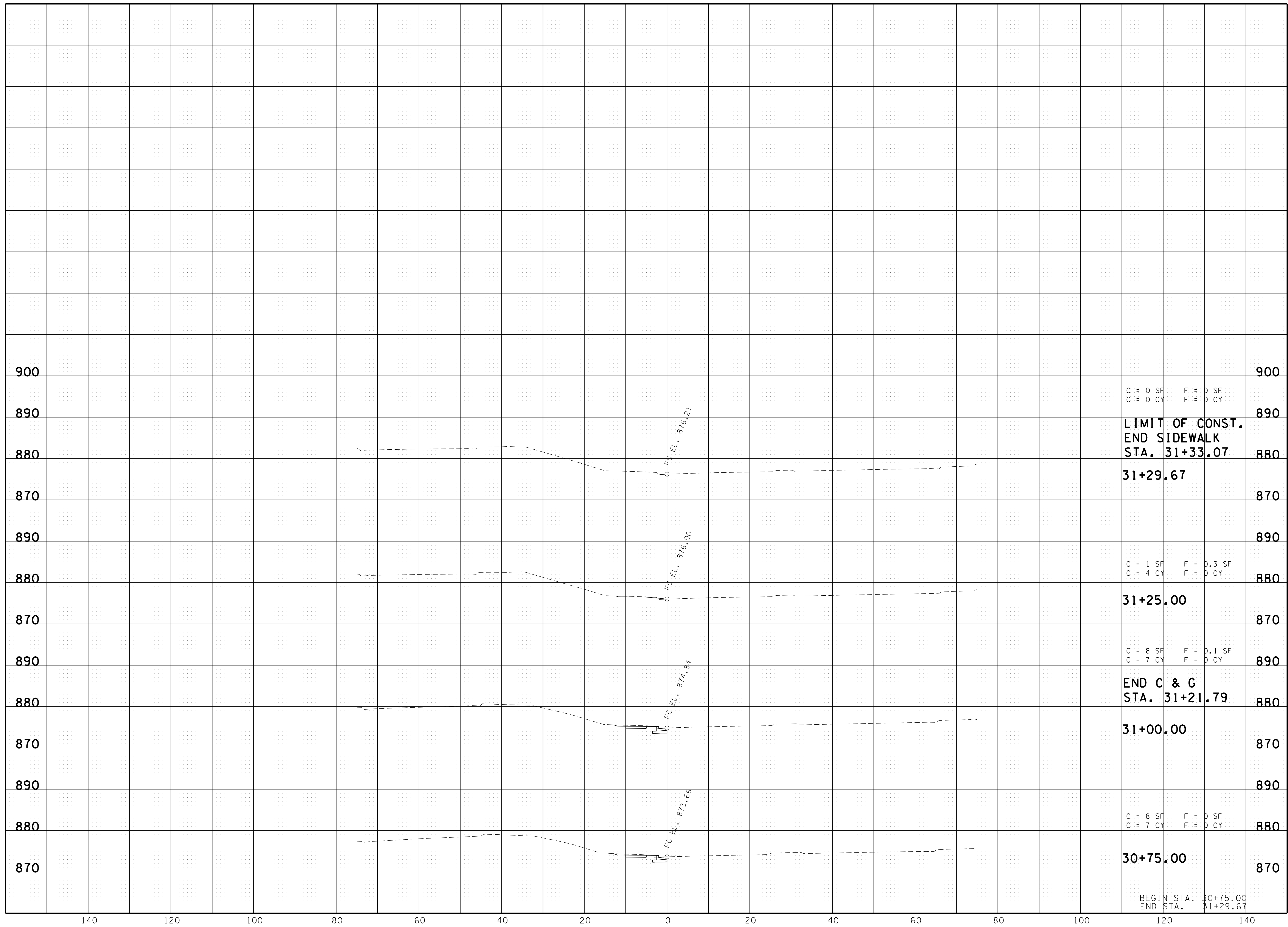
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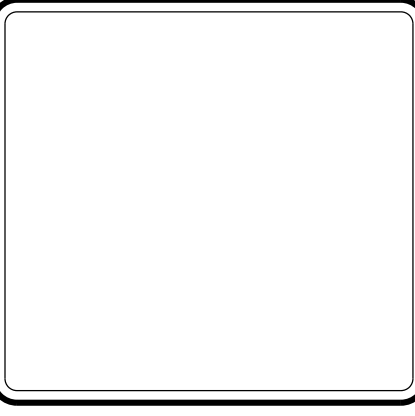
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JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
SEVIER N.S. SPLINE CROSS SECTIONS	
DWG	DRAWING NO:
OF	XS27

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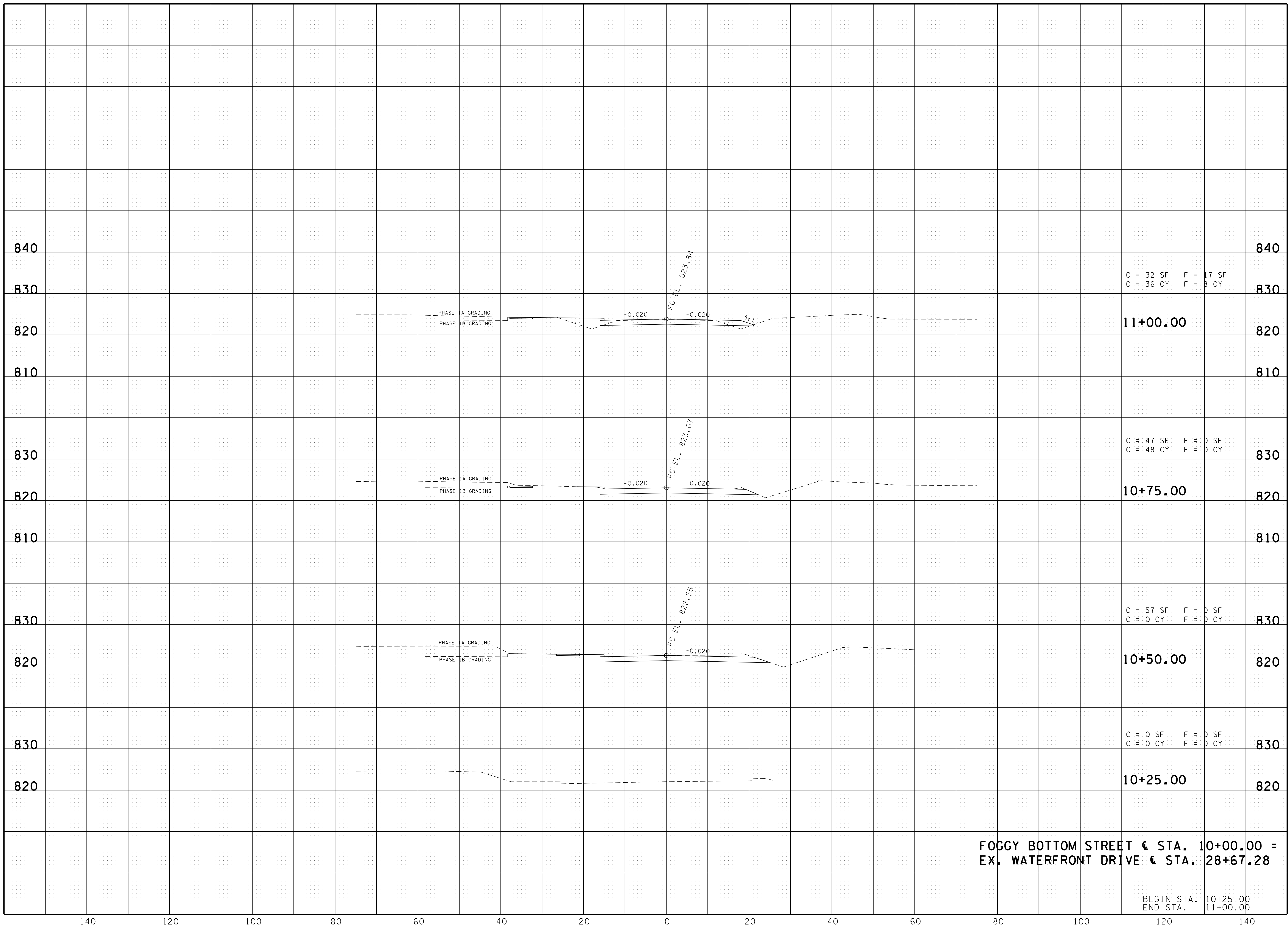
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JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
SEVIER N.S. SPLINE CROSS SECTIONS	
DWG	DRAWING NO:
OF	XS28

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FOGGY BOTTOM STREET & STA. 10+00.00 =
EX. WATERFRONT DRIVE & STA. 28+67.28

BEGIN STA. 10+25.00
END STA. 11+00.00

NO.	DATE	DESCRIPTION

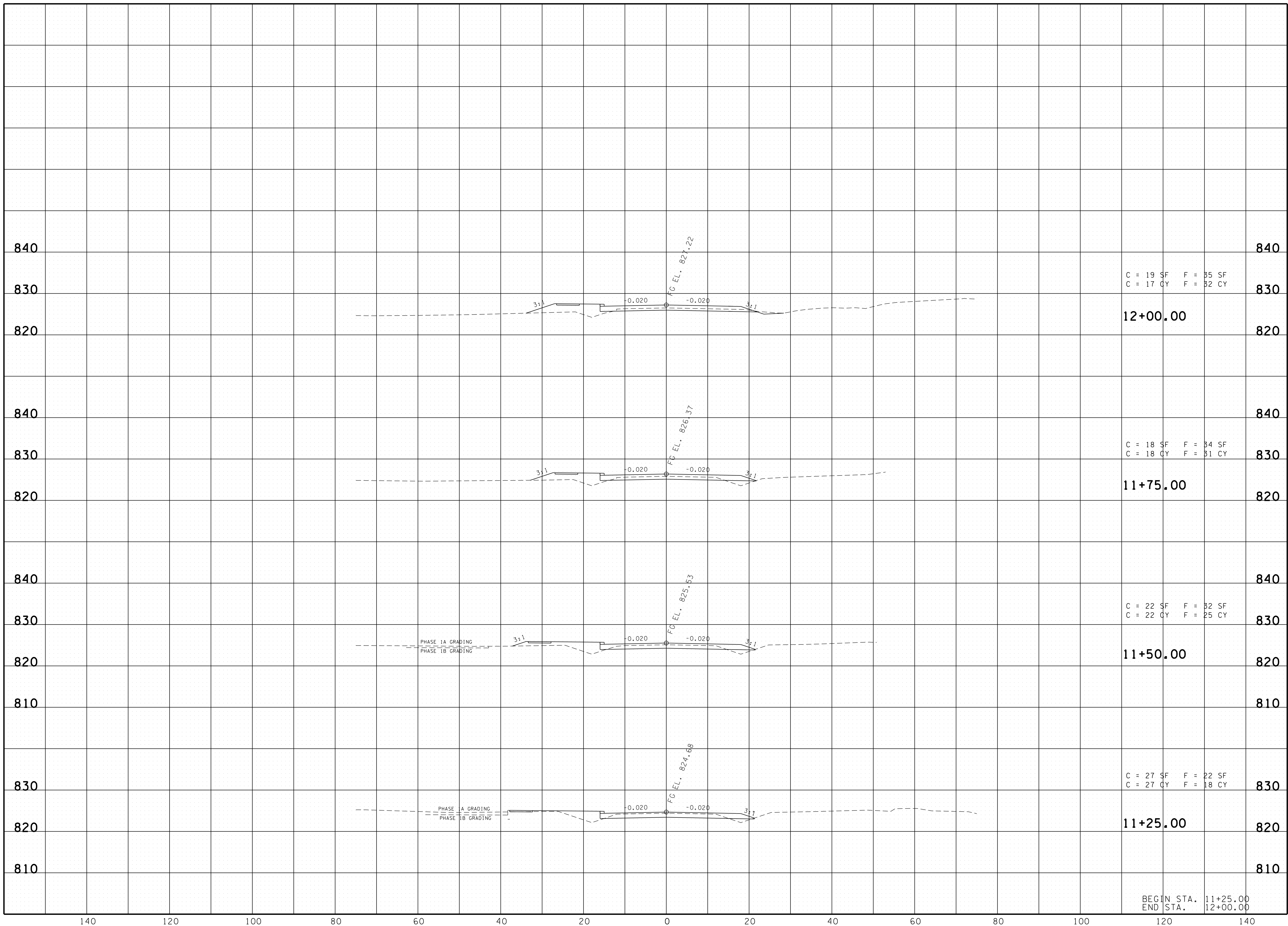
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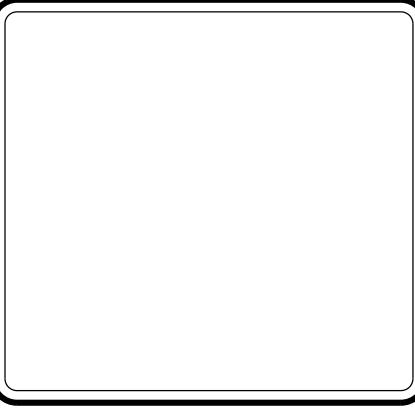
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JOB NO: 051430-37
SCALE: 1" = 10'
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: FOGGY BOTTOM CROSS SECTIONS
DWG OF XS29
DRAWING NO:

8/11/2017 12:45:30 PM \\X:\tennessee\transportation\5430-37\data\Drawings\5430-37\Xsect\7 FoggyBottom.sht



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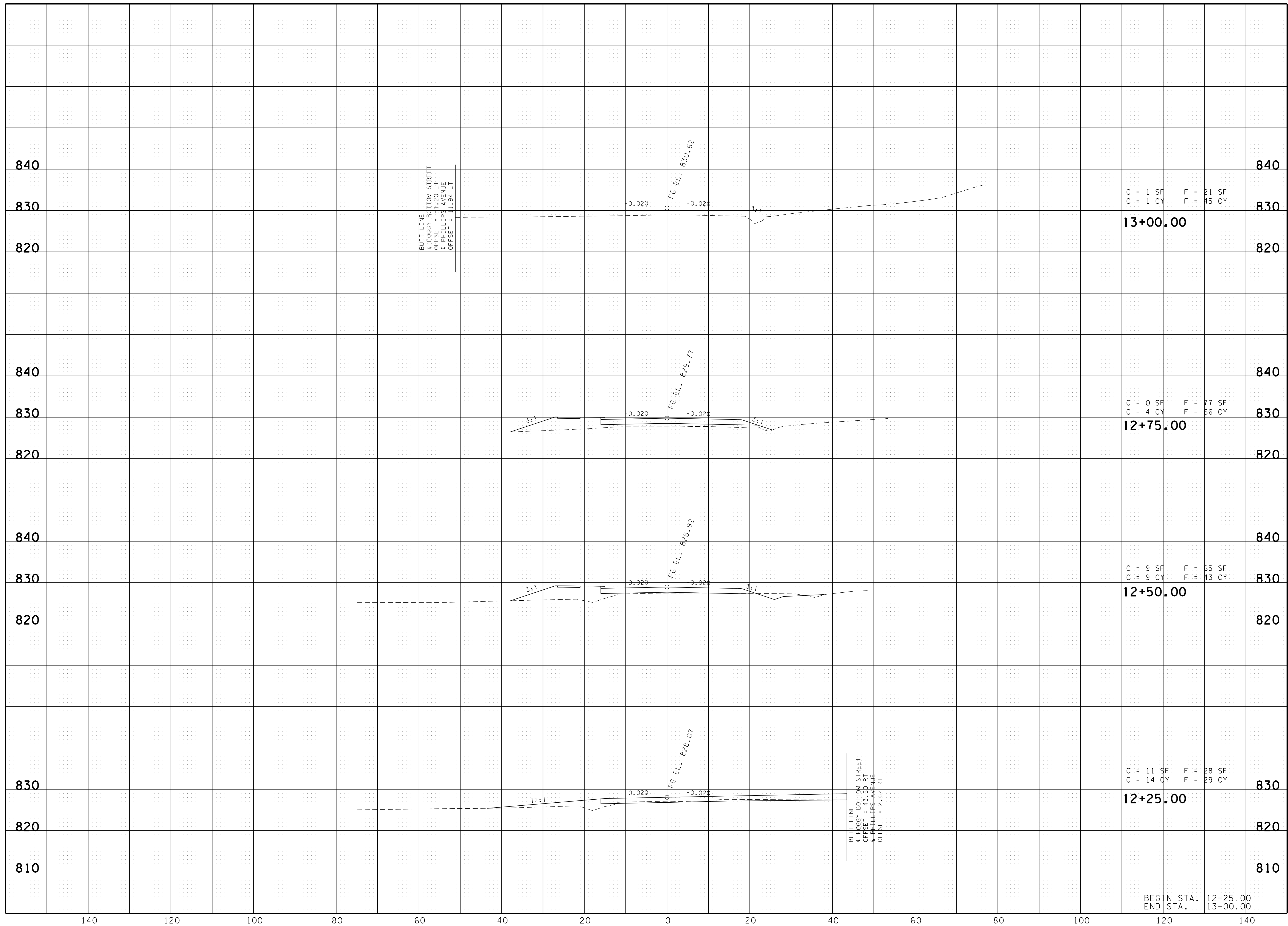
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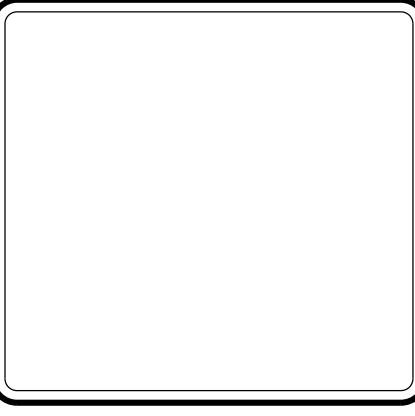
DRAWN: D.E.H.	
CHECKED: J.C.E.	
JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
FOGGY BOTTOM	
CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS30

BEGIN STA. 11+25.00
END STA. 12+00.00

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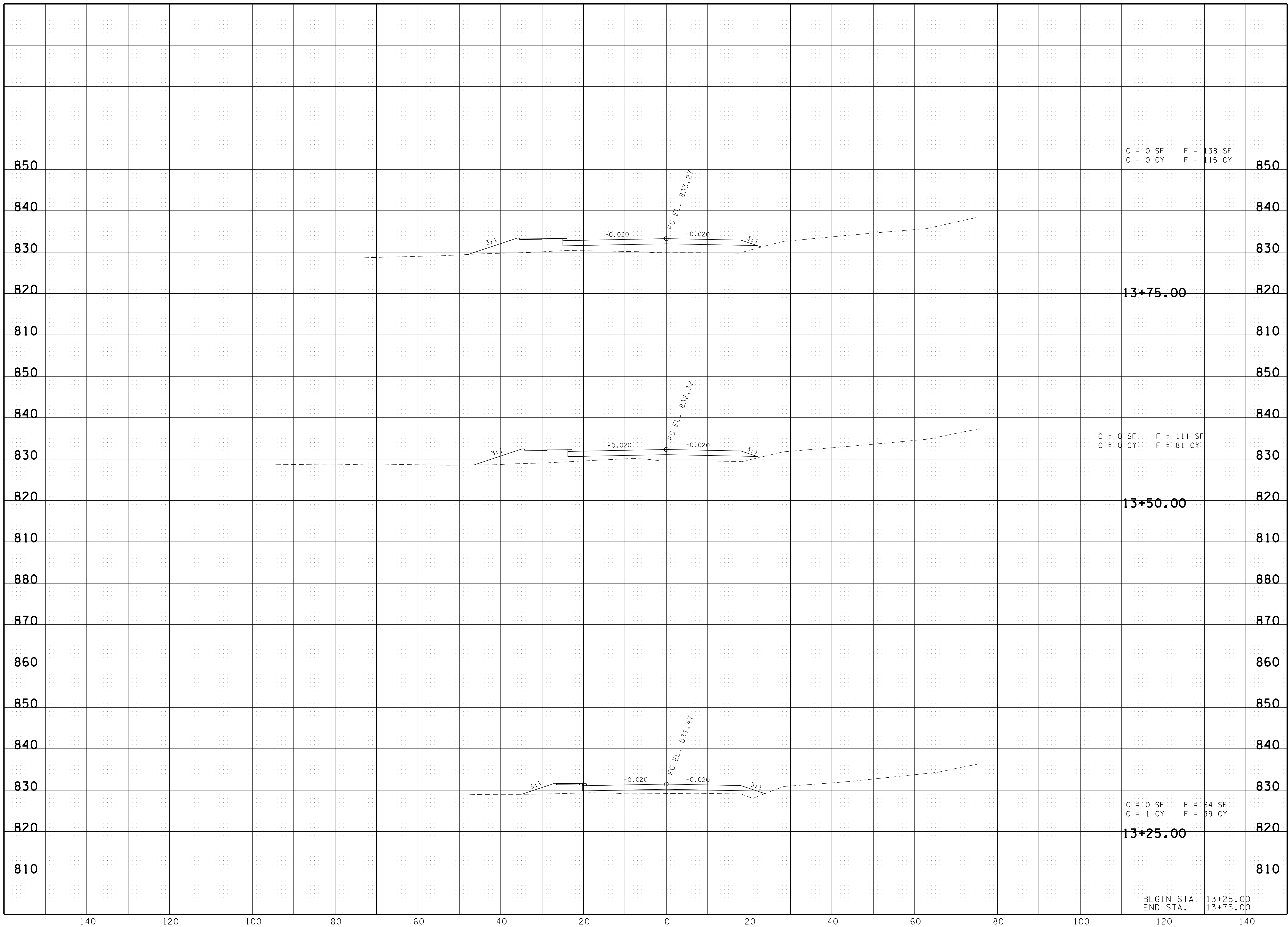
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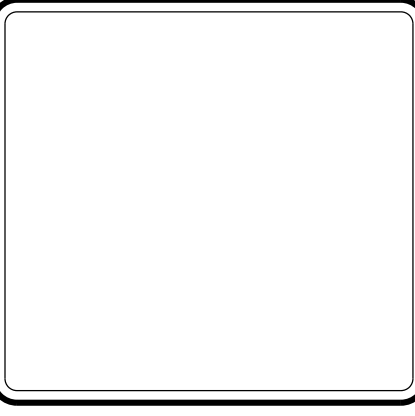
DRAWN: D.E.H.	
CHECKED: J.C.E.	
JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
FOGGY BOTTOM	
CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS31

BEGIN STA. 12+25.00
END STA. 13+00.00

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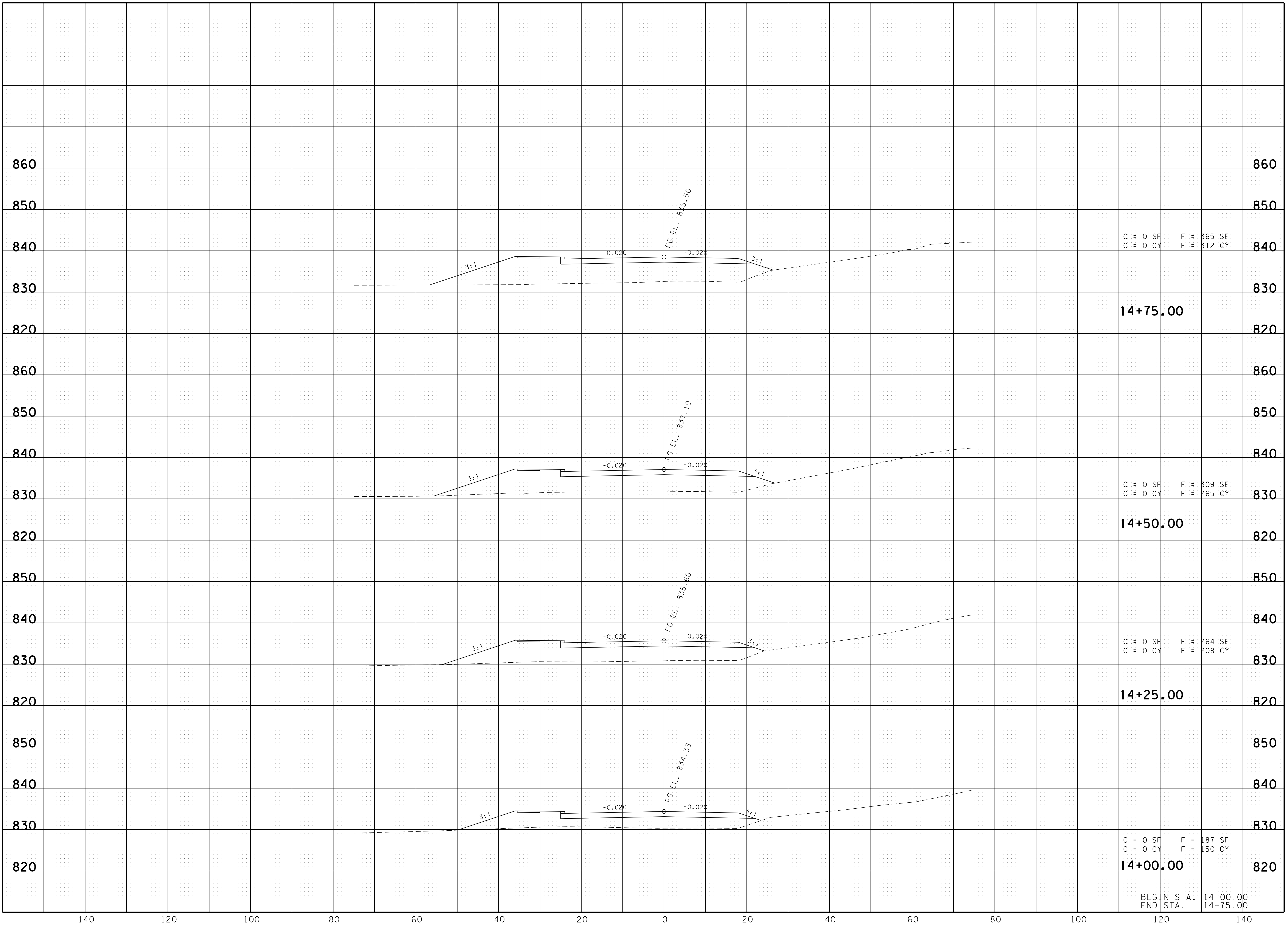
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SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
FOGGY BOTTOM	
CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS32

8/11/2017 12:45:32 PM \\K1ennessee\Transportation\5430-37\Drawings\5430-37\Xsect\7 FoggyBottom.sht



C = 0 SF F = 365 SF
 C = 0 CY F = 312 CY

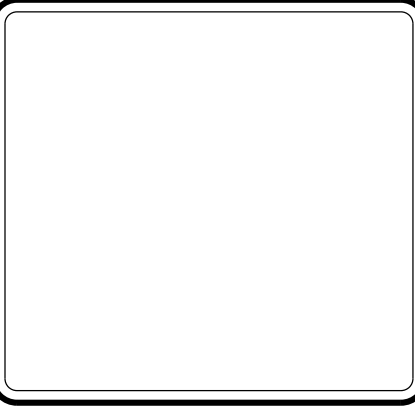
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 C = 0 CY F = 265 CY

C = 0 SF F = 264 SF
 C = 0 CY F = 208 CY

C = 0 SF F = 187 SF
 C = 0 CY F = 150 CY

BEGIN STA. 14+00.00
 END STA. 14+75.00

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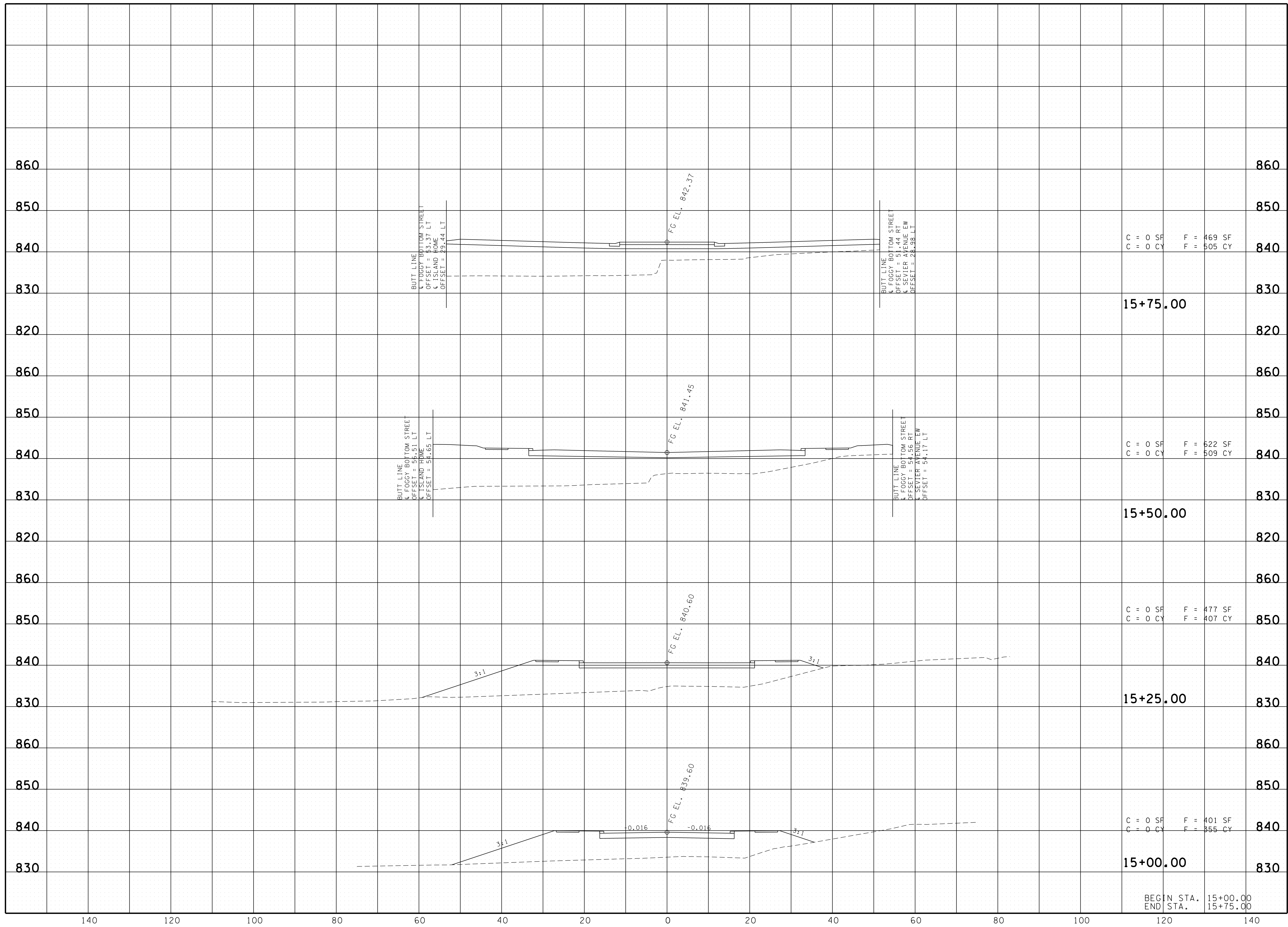
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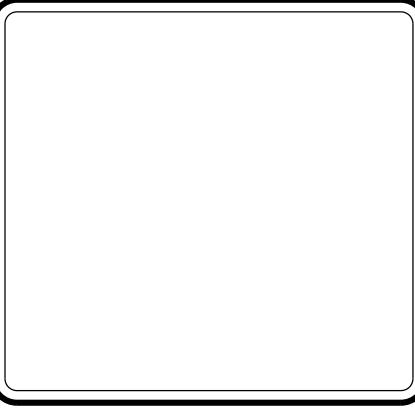
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CHECKED: J.C.E.
JOB NO: 051430-37
SCALE: 1" = 10'
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: FOGGY BOTTOM CROSS SECTIONS
DWG OF
DRAWING NO: XS33

8/11/2017 12:45:33 PM \\X:\tennessee\transportation\5430-37\data\Drawings\5430-37\Xsect\7 FoggyBottom.sht



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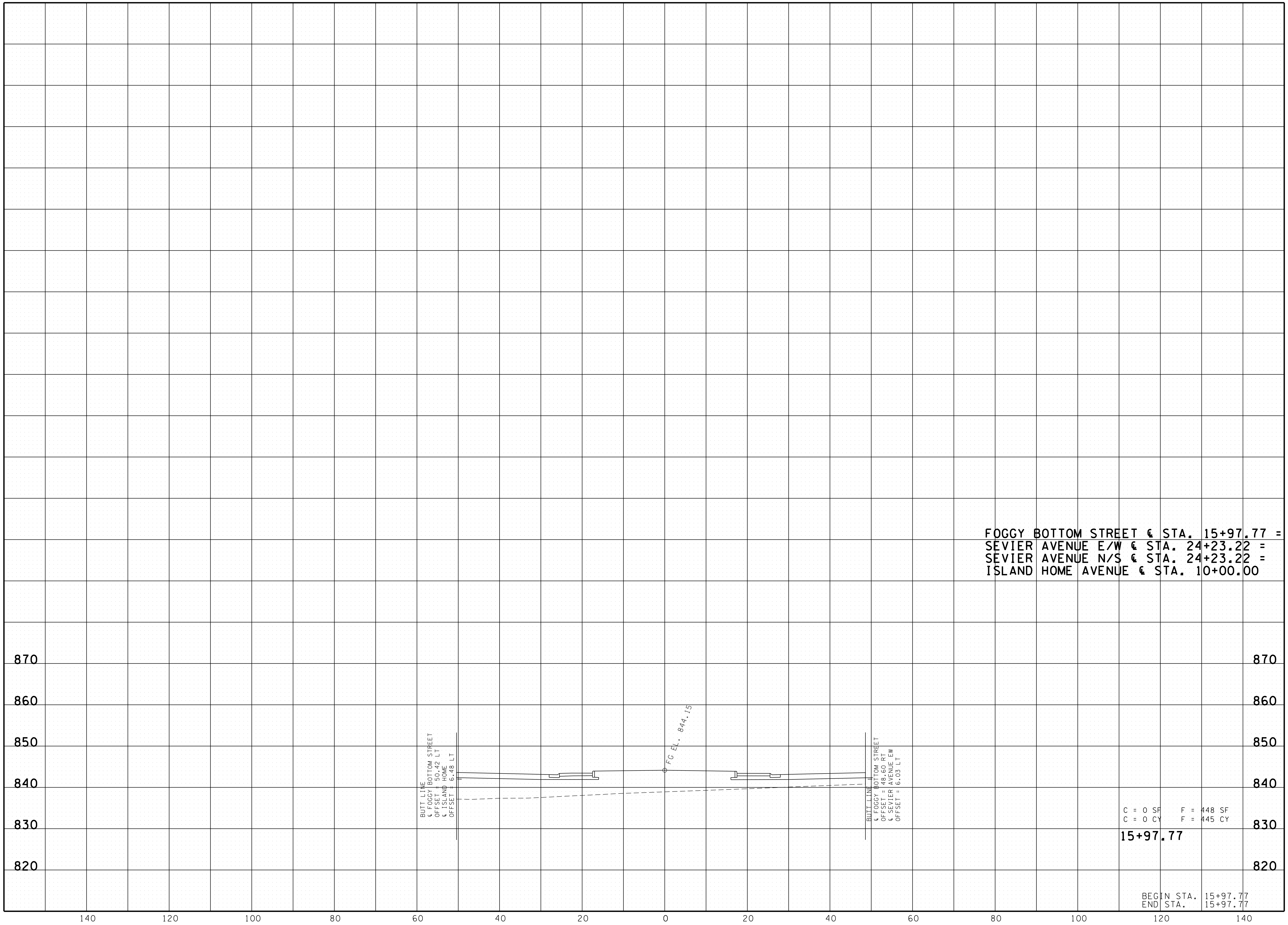
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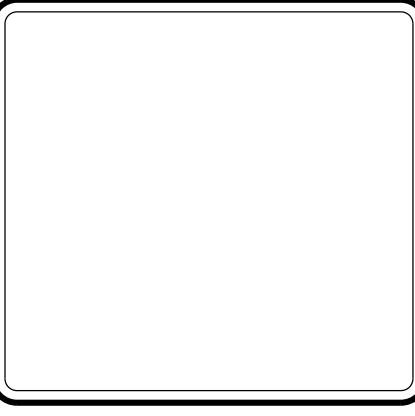
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JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
FOGGY BOTTOM	
CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS34

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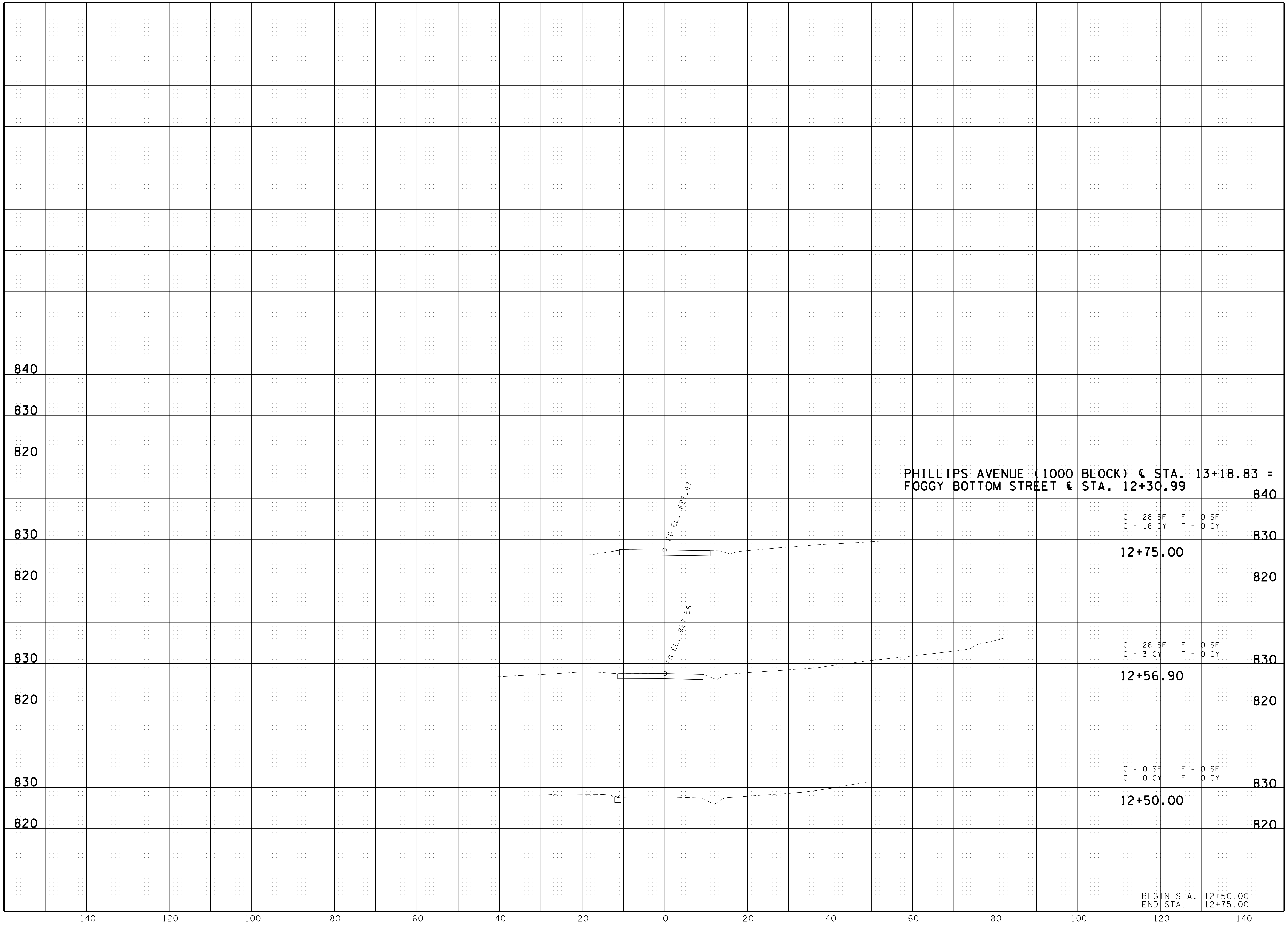
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JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
FOGGY BOTTOM CROSS SECTIONS	
DWG	DRAWING NO:
OF	XS35

8/11/2017 12:45:35 PM \\X:\tennessee\transportation\5430-37\data\Drawings\5430-37\Xsect8 - Phillips2.sht



PHILLIPS AVENUE (1000 BLOCK) @ STA. 13+18.83 =
 FOGGY BOTTOM STREET @ STA. 12+30.99

C = 28 SF F = 0 SF
 C = 18 CY F = 0 CY

12+75.00

C = 26 SF F = 0 SF
 C = 3 CY F = 0 CY

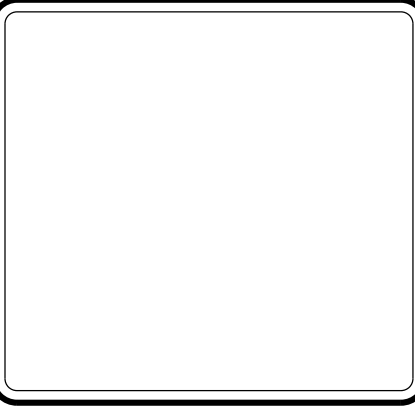
12+56.90

C = 0 SF F = 0 SF
 C = 0 CY F = 0 CY

12+50.00

BEGIN STA. 12+50.00
 END STA. 12+75.00

REVISIONS	
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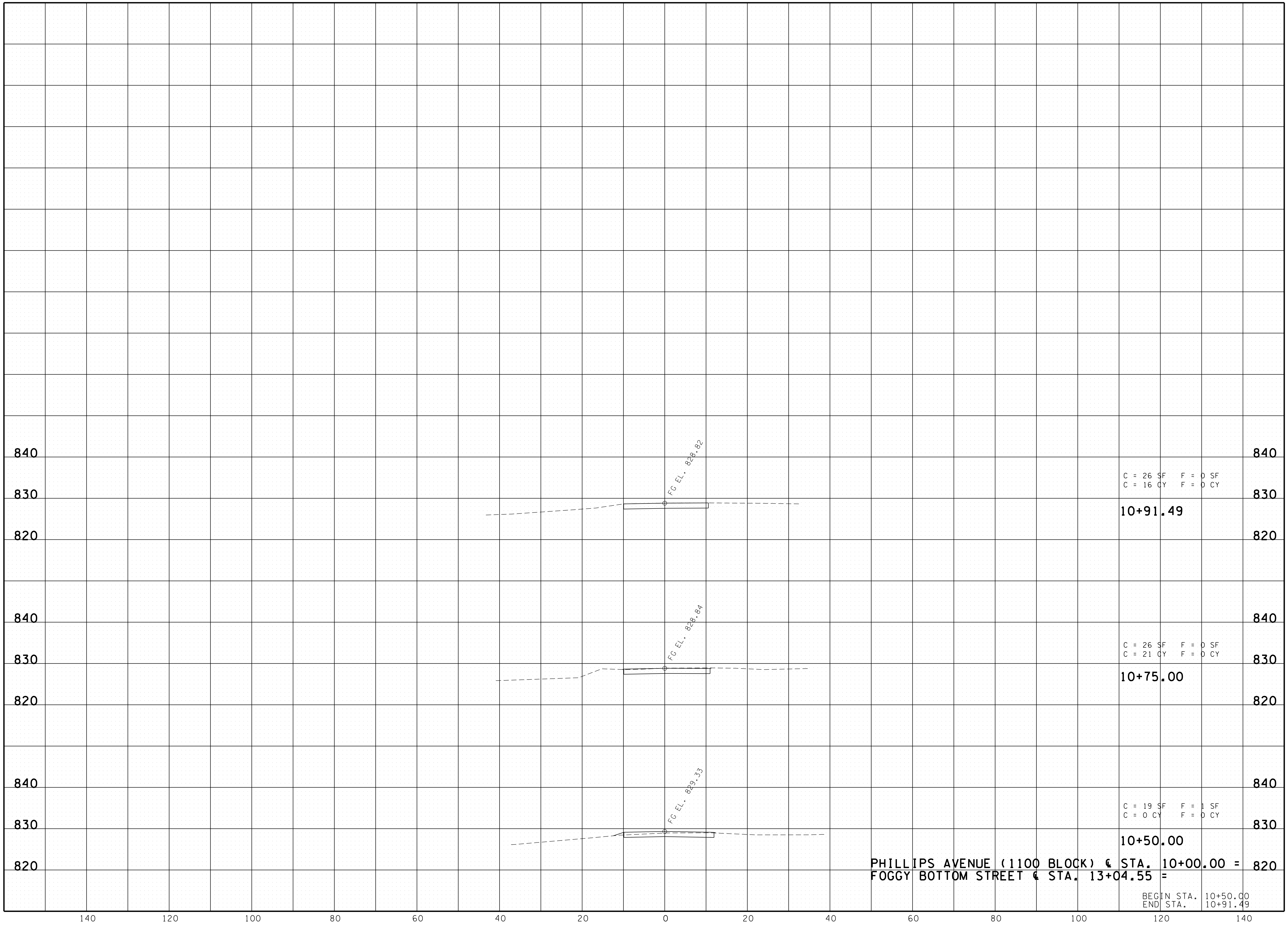
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CHECKED: J.C.E.
JOB NO: 051430-37
SCALE: 1" = 10'
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: PHILLIPS (1000 BLOCK) CROSS SECTIONS
DWG NO: XS36
OF

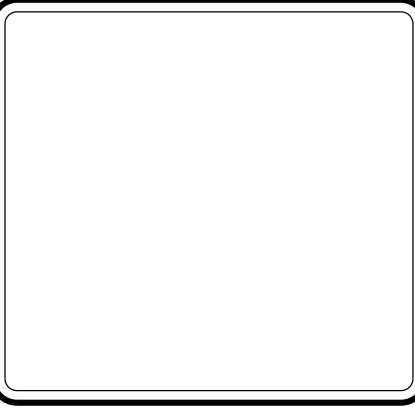
8/11/2017 12:45:35 PM \\tennessee\transportation\5430-37\data\Drawings\5430-37\Xsects\9 - Phillips3.sht



PHILLIPS AVENUE (1100 BLOCK) @ STA. 10+00.00 = 820
 FOGGY BOTTOM STREET @ STA. 13+04.55 = 820

BEGIN STA. 10+50.00
 END STA. 10+91.49

REVISIONS	
NO.	DATE



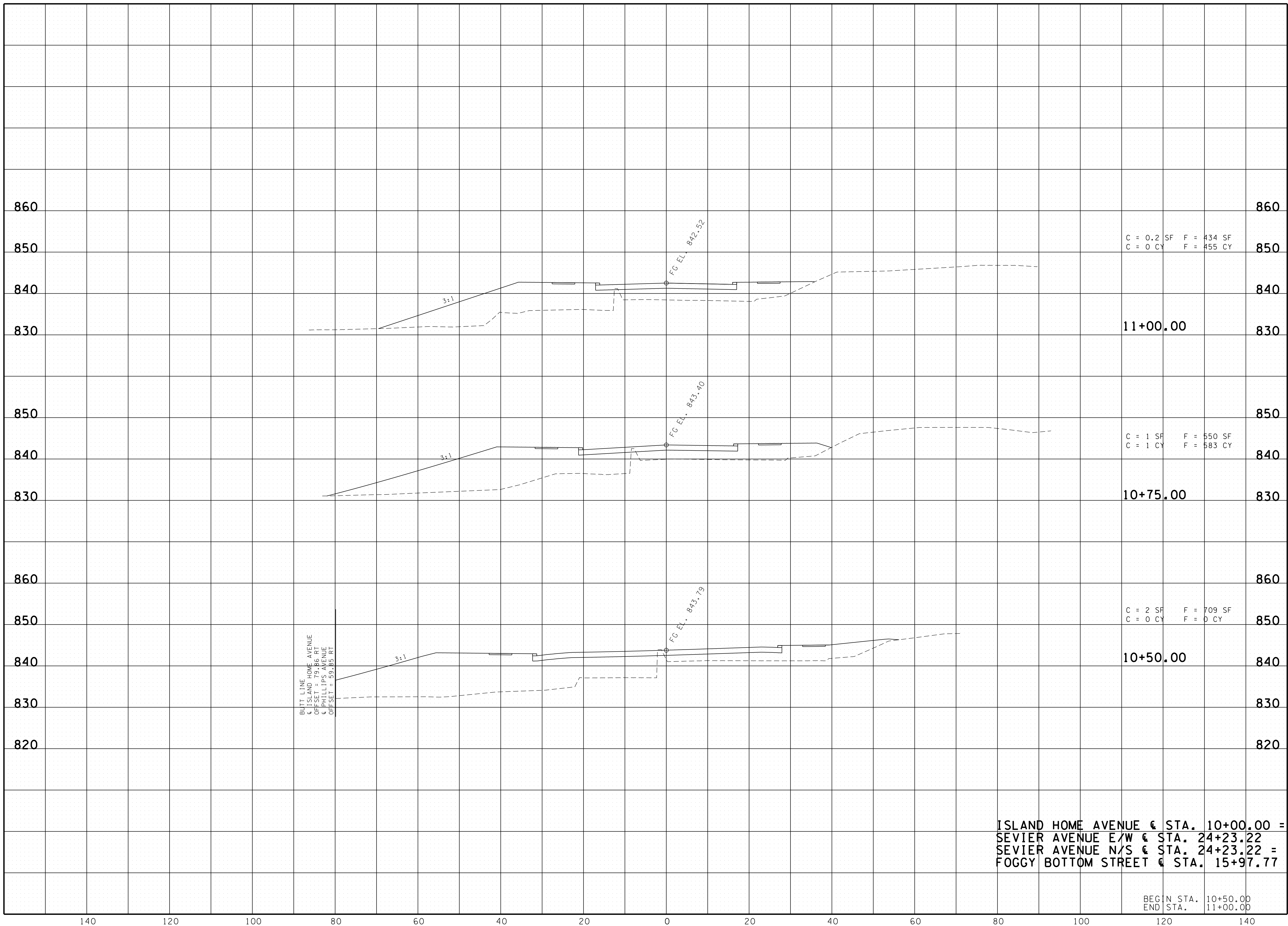
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JOB NO: 051430-37
SCALE: 1" = 10'
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: PHILLIPS (1100 BLOCK) CROSS SECTIONS
DWG OF XS37

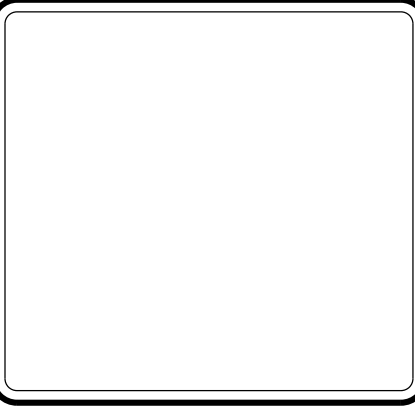
8/11/2017 12:45:43 PM \\X:\tennessee\Transportation\51430-37\Drawings\51430-37\Xsect\9A_IslandHome.sht



ISLAND HOME AVENUE & STA. 10+00.00 =
 SEVIER AVENUE E/W & STA. 24+23.22
 SEVIER AVENUE N/S & STA. 24+23.22 =
 FOGGY BOTTOM STREET & STA. 15+97.77

BEGIN STA. 10+50.00
 END STA. 11+00.00

REVISIONS	
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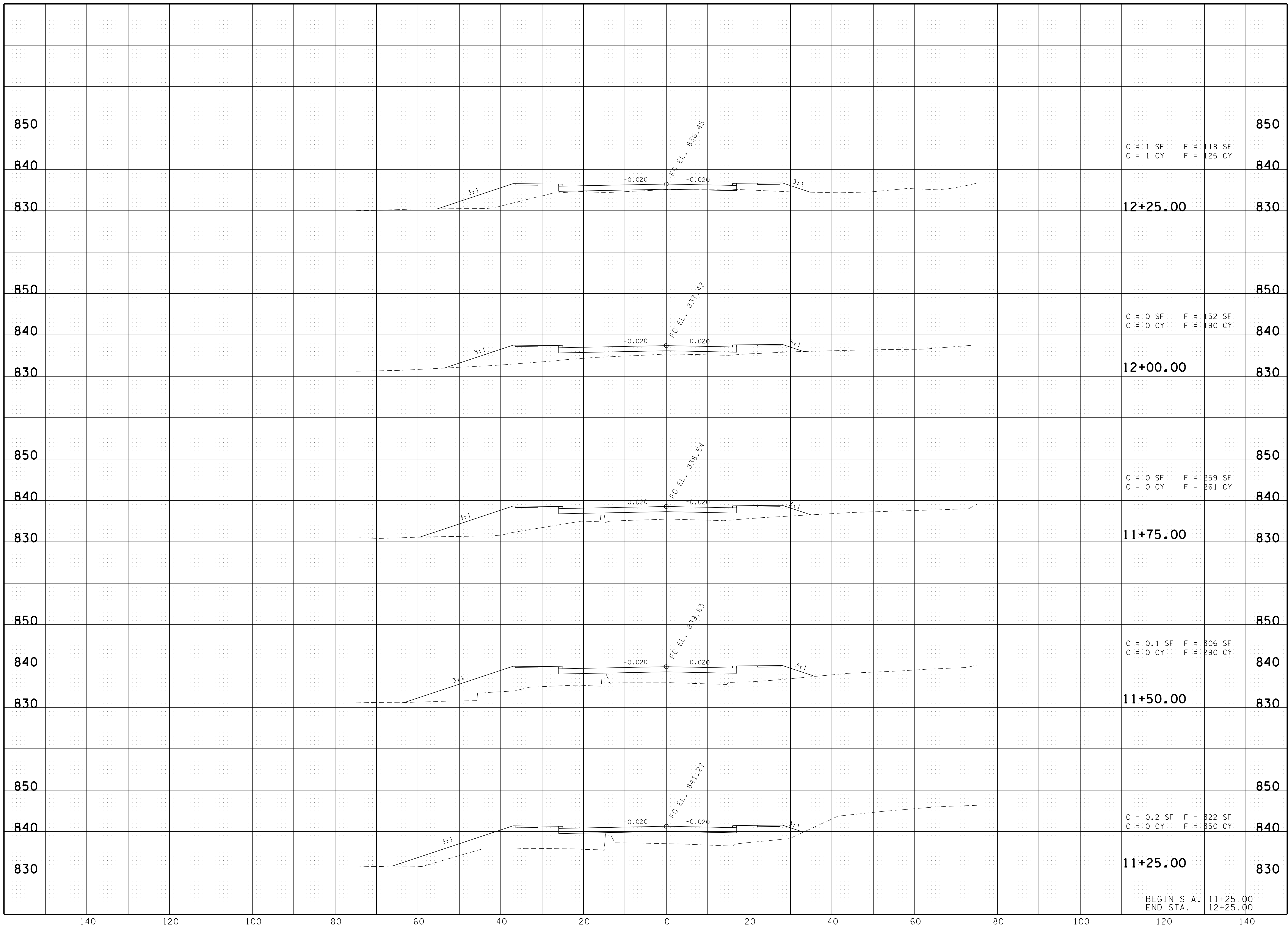
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JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
ISLAND HOME CROSS SECTIONS	
DWG	DRAWING NO:
OF	XS38

8/11/2017 12:45:44 PM \\X:\tennessee\Transportation\51430-37\Drawings\51430-37\Xsect\59A_IslandHome.sht



C = 1 SF F = 118 SF
C = 1 CY F = 125 CY

C = 0 SF F = 152 SF
C = 0 CY F = 190 CY

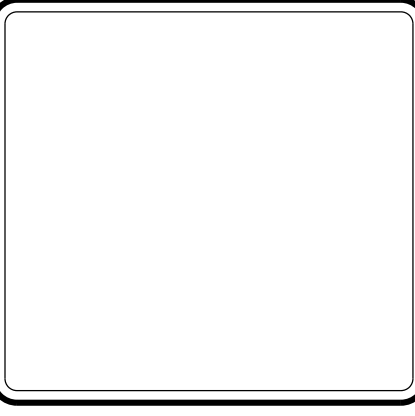
C = 0 SF F = 259 SF
C = 0 CY F = 261 CY

C = 0.1 SF F = 306 SF
C = 0 CY F = 290 CY

C = 0.2 SF F = 322 SF
C = 0 CY F = 350 CY

BEGIN STA. 11+25.00
END STA. 12+25.00

NO.	DATE	DESCRIPTION



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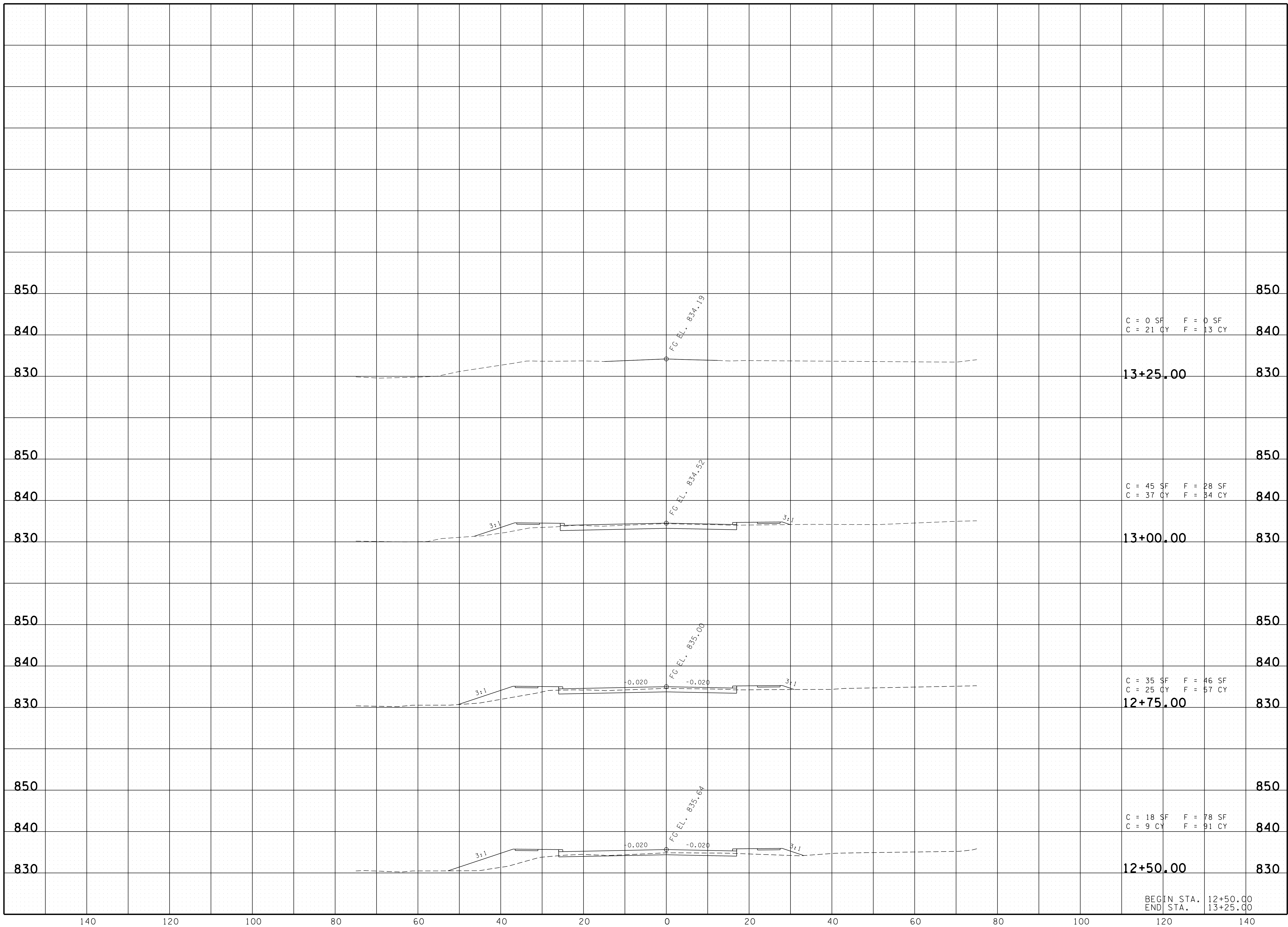
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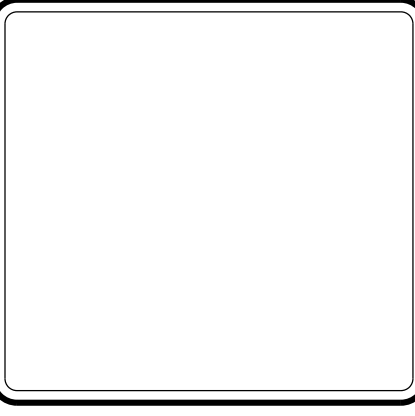
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JOB NO: 051430-37	
SCALE: 1" = 10'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
ISLAND HOME	
CROSS	
SECTIONS	
DWG	DRAWING NO:
OF	XS39

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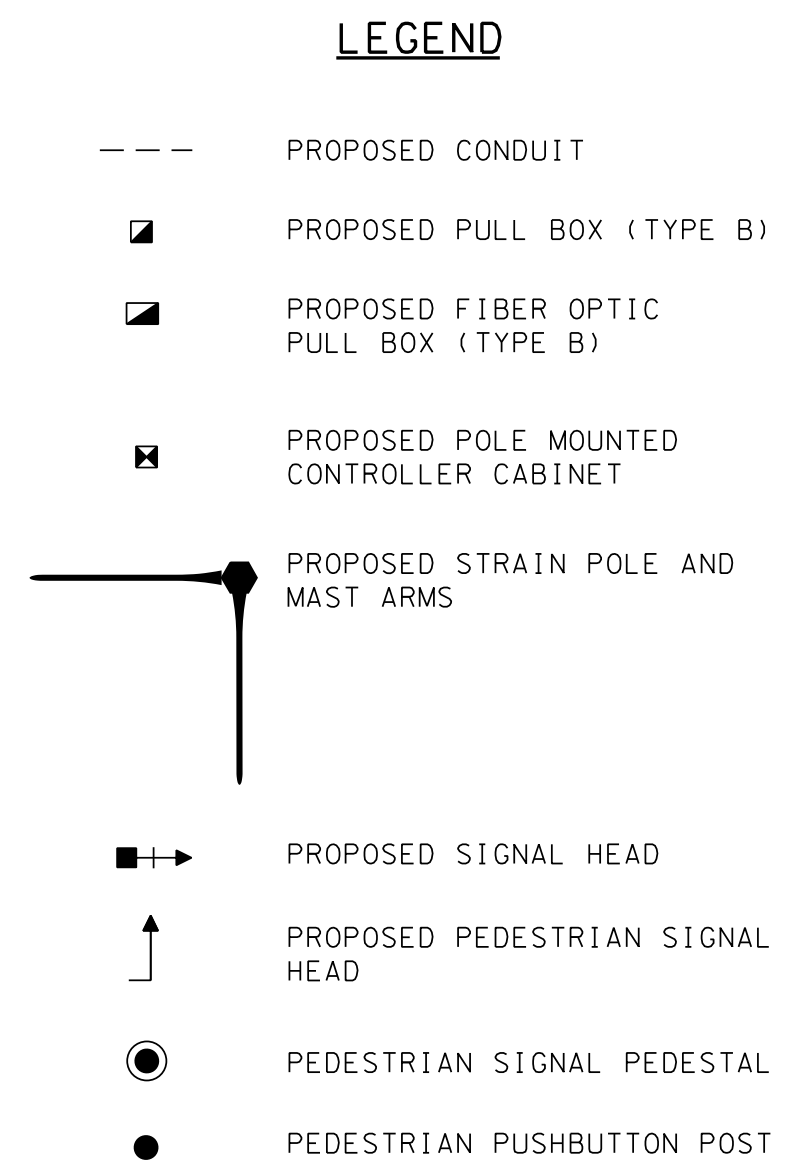
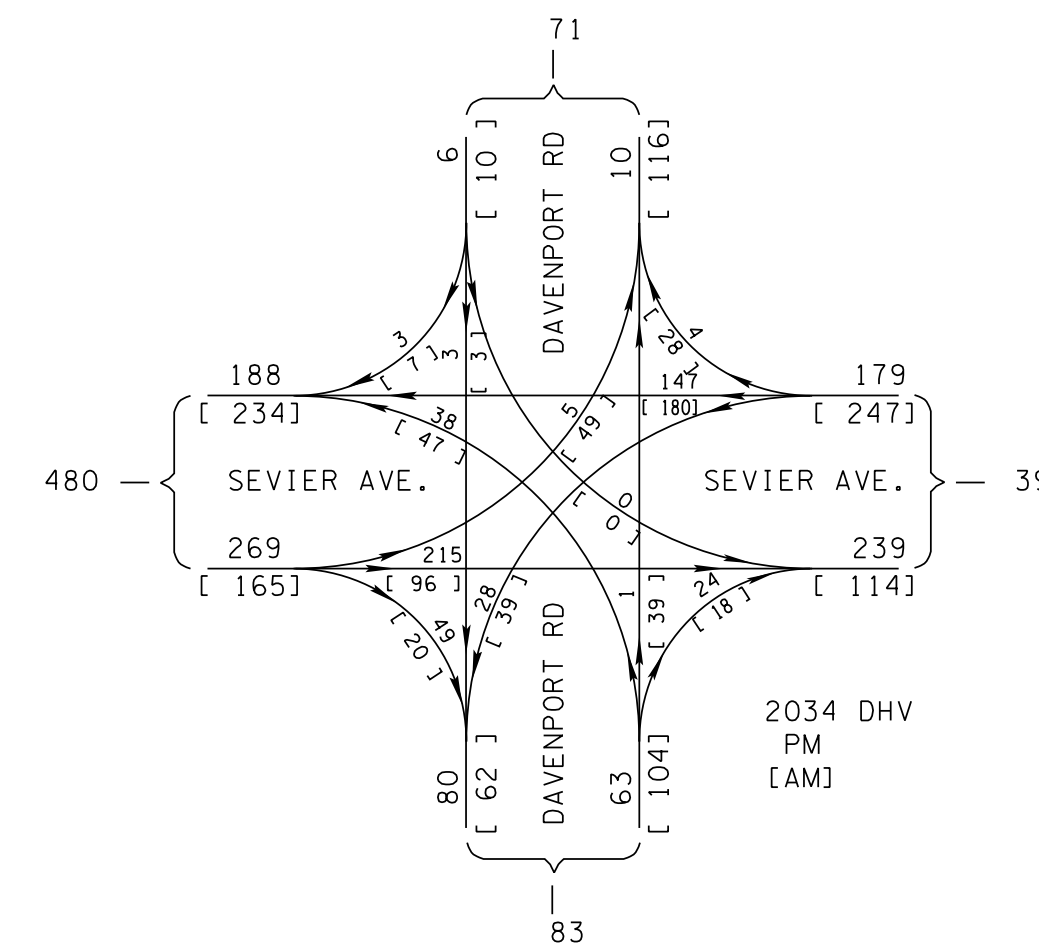
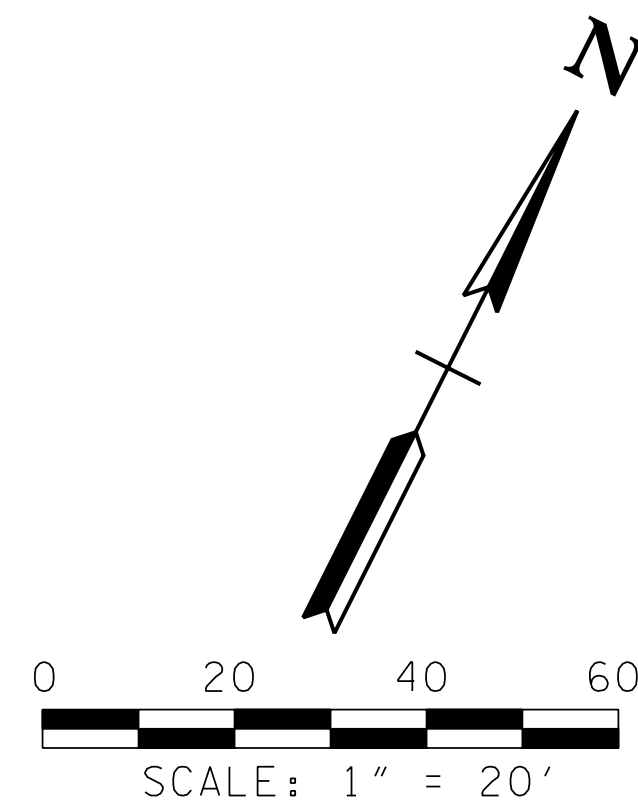


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JOB NO: 051430-37
SCALE: 1" = 10'
DATE: 06-30-2017
FILE NAME:
DRAWING TITLE: ISLAND HOME CROSS SECTIONS
DWG OF
DRAWING NO: XS40

MAST ARM, POLE & FOOTING DATA				
POLE	ARM SPREAD	FOOTING DEPTH X DIAMETER	STATION	OFFSET
A	N/A (PUSHBUTTON POST)	2' X 2'	6+31.82	24.15' L
B	30' X 45'	15' X 3'	6+37.76	27.15' L
C	N/A (PUSHBUTTON POST)	2' X 2'	6+45.05	33.43' L
D	N/A (PEDESTAL POLE)	6' X 2'	6+90.62	35.34' L
E	N/A (PEDESTAL POLE)	6' X 2'	7+05.31	22.66' L
F	N/A (PUSHBUTTON POST)	2' X 2'	7+03.39	22.23' R
G	30' X 40'	15' X 3'	6+92.95	25.64' R
H	N/A (PUSHBUTTON POST)	2' X 2'	6+86.15	31.30' R
I	N/A (PUSHBUTTON POST)	2' X 2'	6+43.24	31.39' R
J	N/A (PEDESTAL POLE)	6' X 2'	6+31.59	25.17' R

- NOTES:**
- FOOTING DEPTH IS DEPTH BELOW SURFACE OF GROUND.
 - VERTICAL CLEARANCE FROM PAVEMENT TO BOTTOM OF SIGNAL
MIN. = 17.0' MAX. = 19.0'.
 - MAST ARM AND POLE SIZE AND LENGTH SHALL BE DESIGNED BY THE POLE MANUFACTURER FOR THE ARM SPREAD AND LOADINGS REQUIRED BY THIS DESIGN PLAN. THE DESIGN SHALL COMPLY WITH THE REQUIREMENTS OF T.D.O.T. STANDARD SPECIFICATION SECTION 730 AND T.D.O.T. STANDARD DRAWING T-SG-9.
 - SIGNAL HEAD MOUNTING BRACKETS SHALL BE PER T.D.O.T. STANDARD DRAWING T-SG-9 OR EQUIVALENT.
 - POLES SHALL BE BLACK POWDER COAT.
 - FOOTING DEPTHS SHOWN ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF FOUNDATION AND POLE.



REVISIONS	
NO.	DATE DESCRIPTION
1	8-11-17 Added Interconnect, pole data, & ped labels



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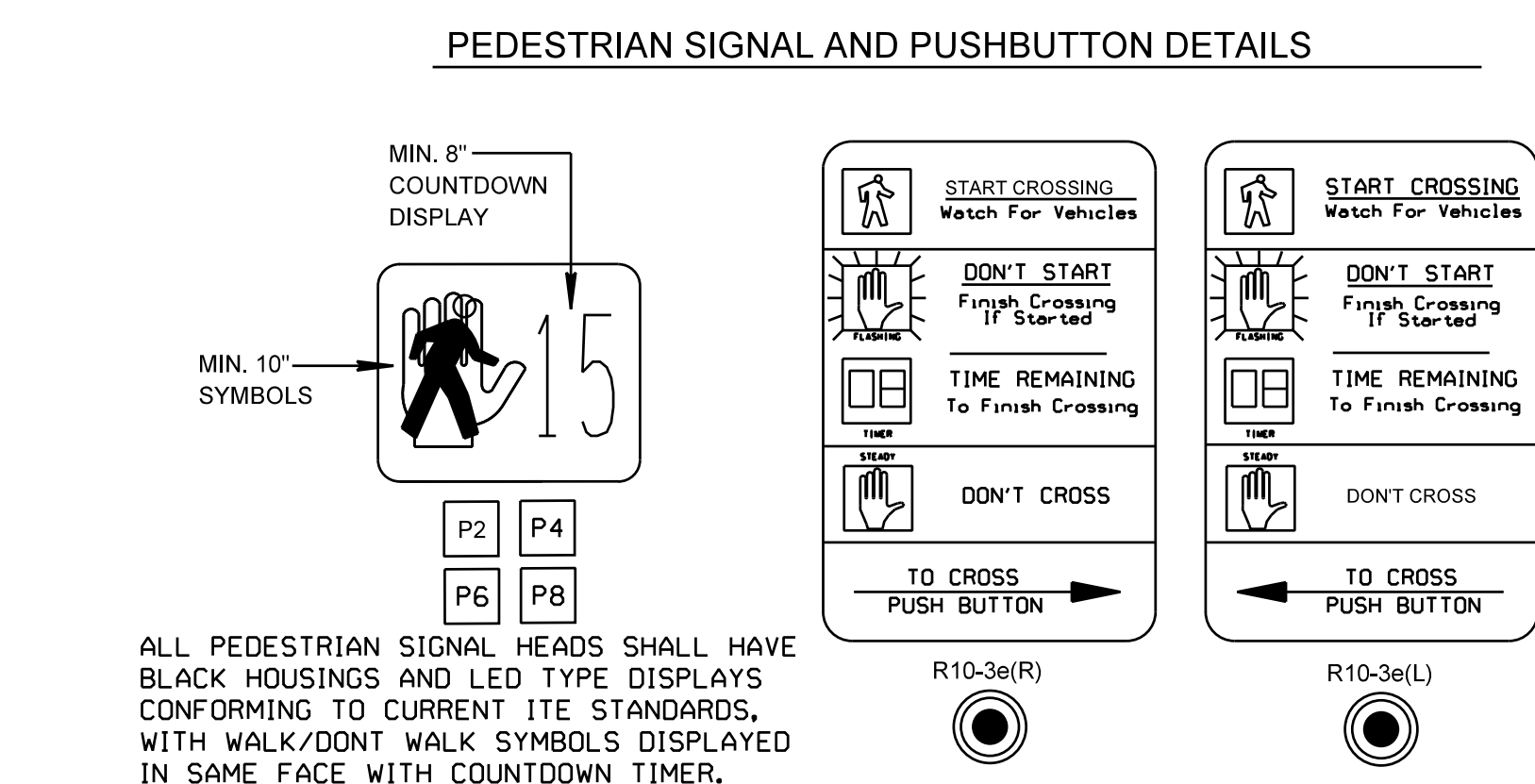
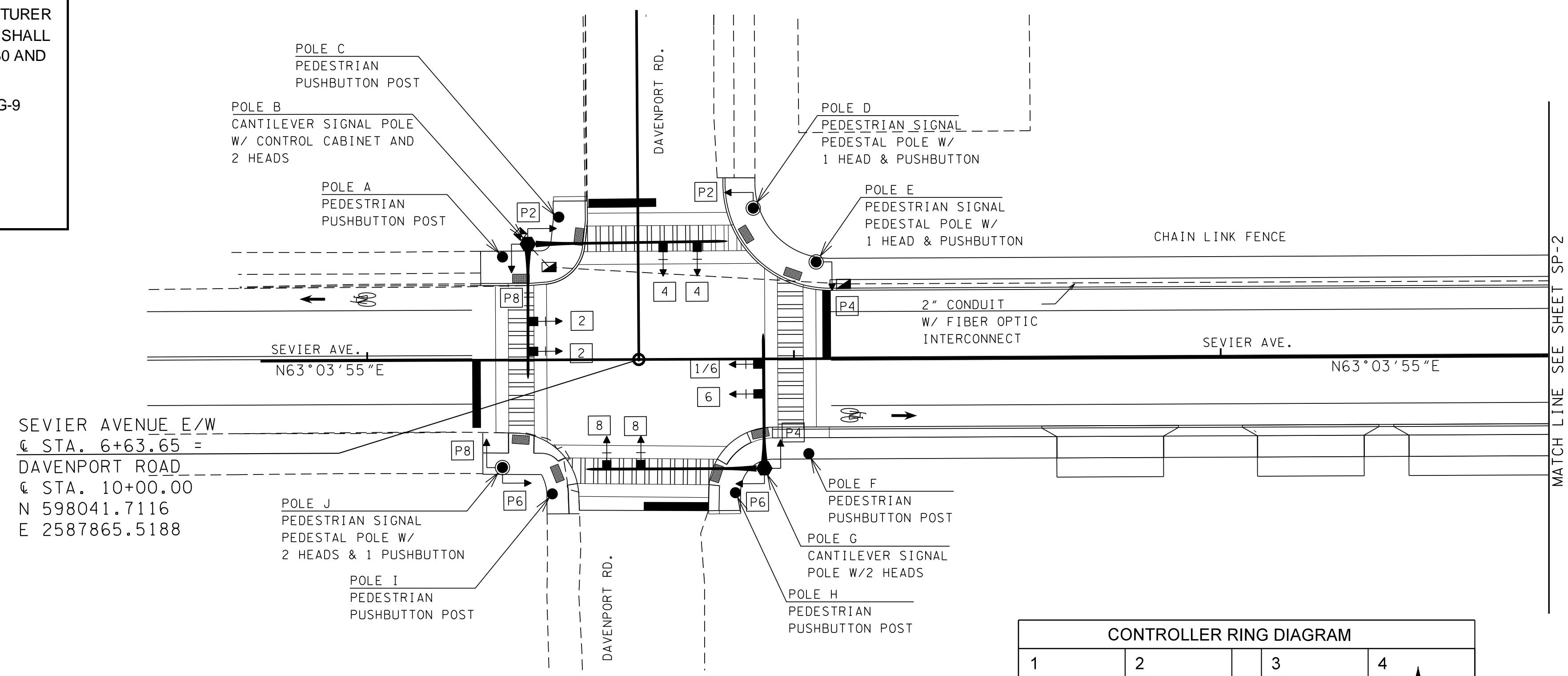
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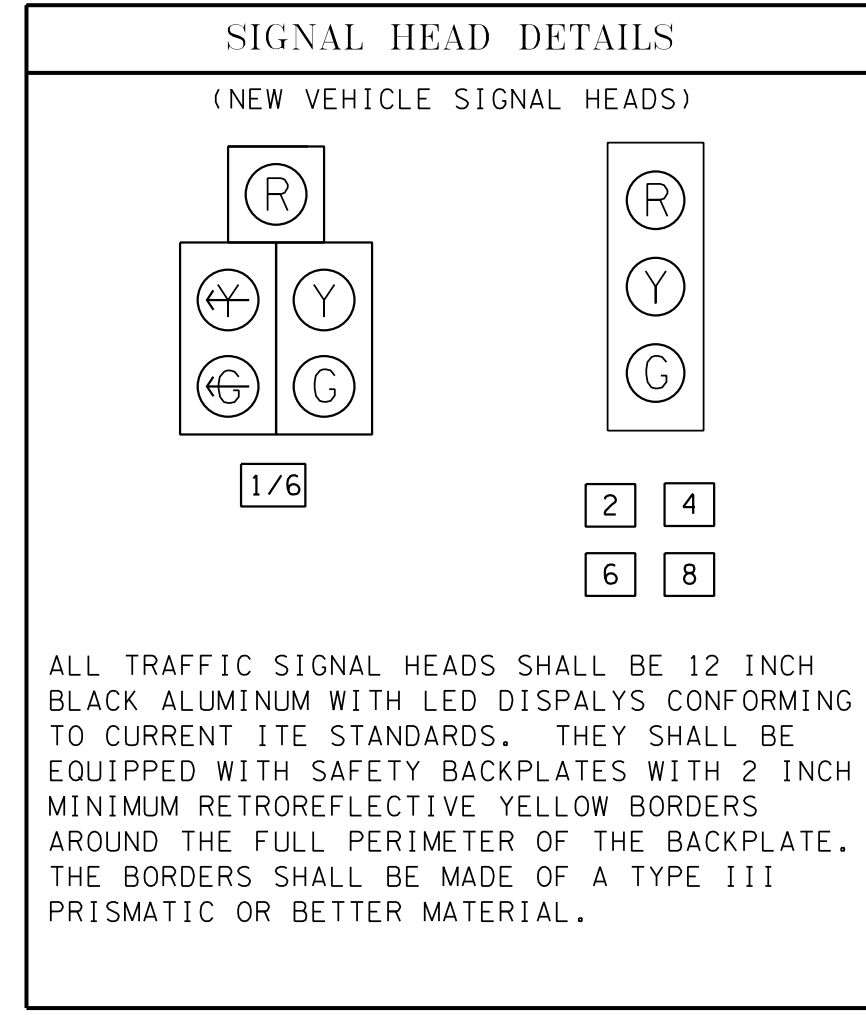
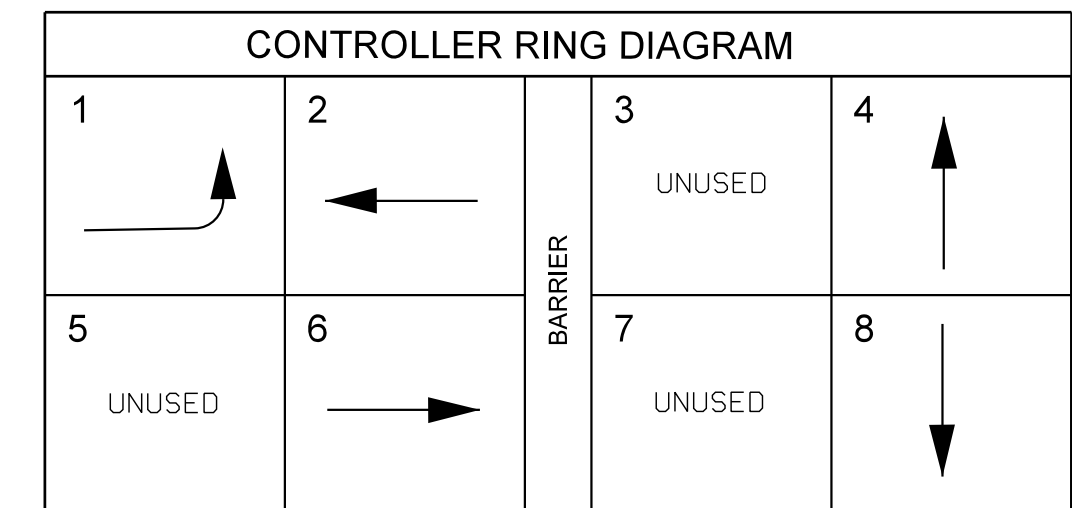
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CHECKED: A.L.C.	
JOB NO: 051430-37	
SCALE: 1" = 20'	
DATE: 06-30-2017	
FILE NAME:	
DRAWING TITLE:	
SIGNAL PLAN	
SEVIER/	
DAVENPORT	
DWG	DRAWING NO:
OF	SP-1

WIRING AND CONDUIT DIAGRAM (N.T.S.)

TO BE SHOWN ON
CONSTRUCTION PLANS



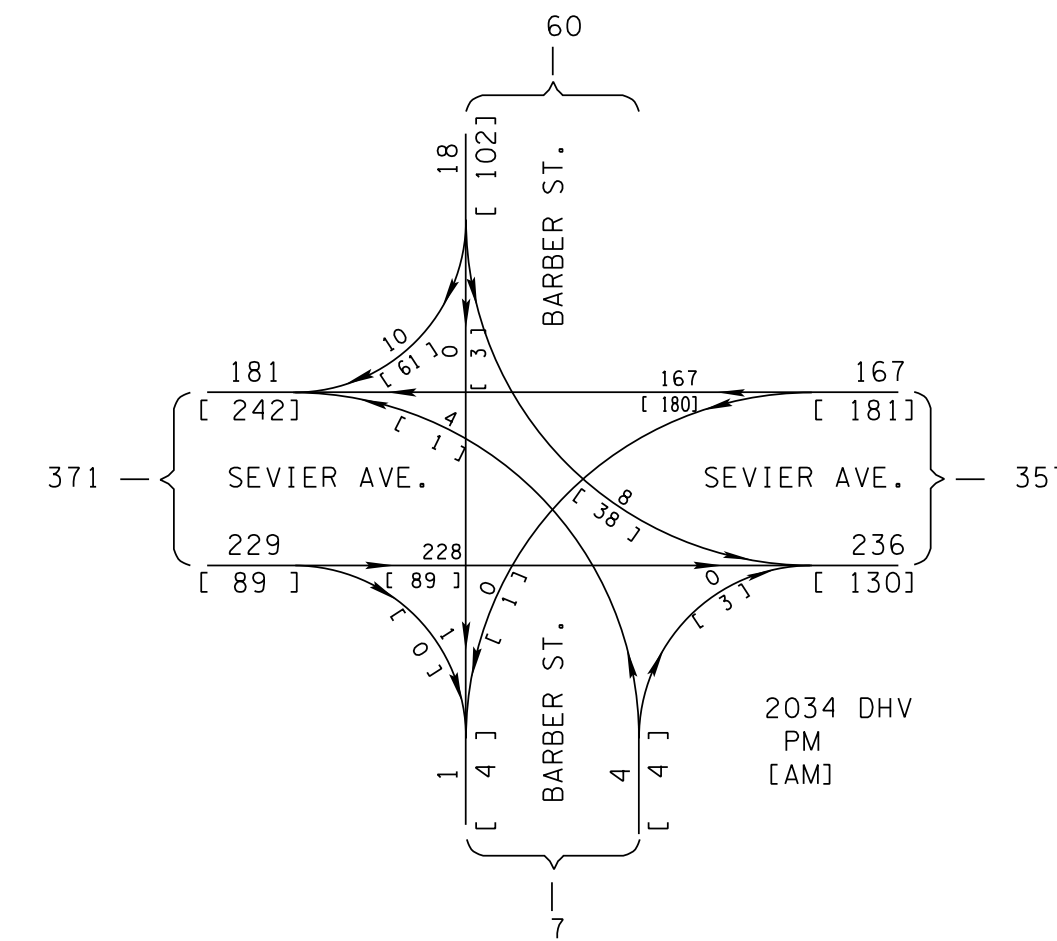
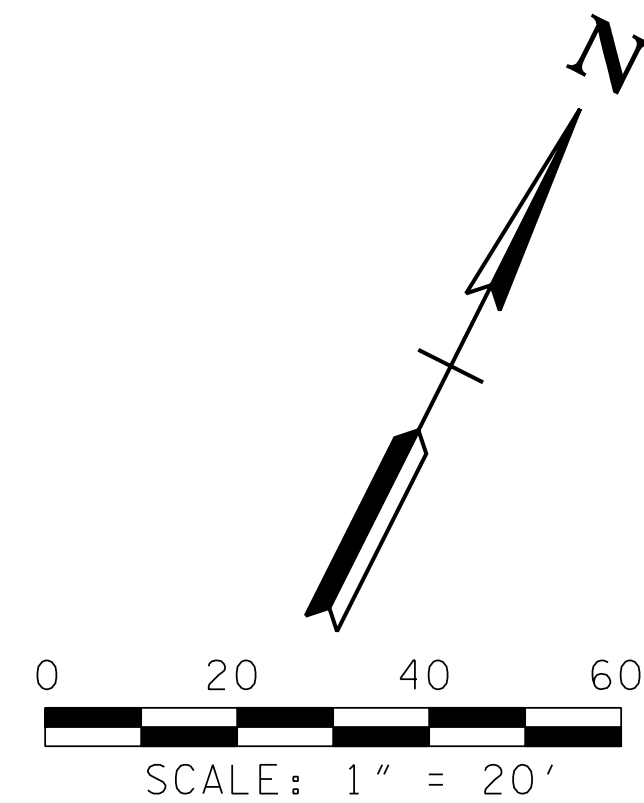
ALL PEDESTRIAN SIGNAL HEADS SHALL HAVE BLACK HOUSINGS AND LED TYPE DISPLAYS CONFORMING TO CURRENT ITE STANDARDS, WITH WALK/DONT WALK SYMBOLS DISPLAYED IN SAME FACE WITH COUNTDOWN TIMER.



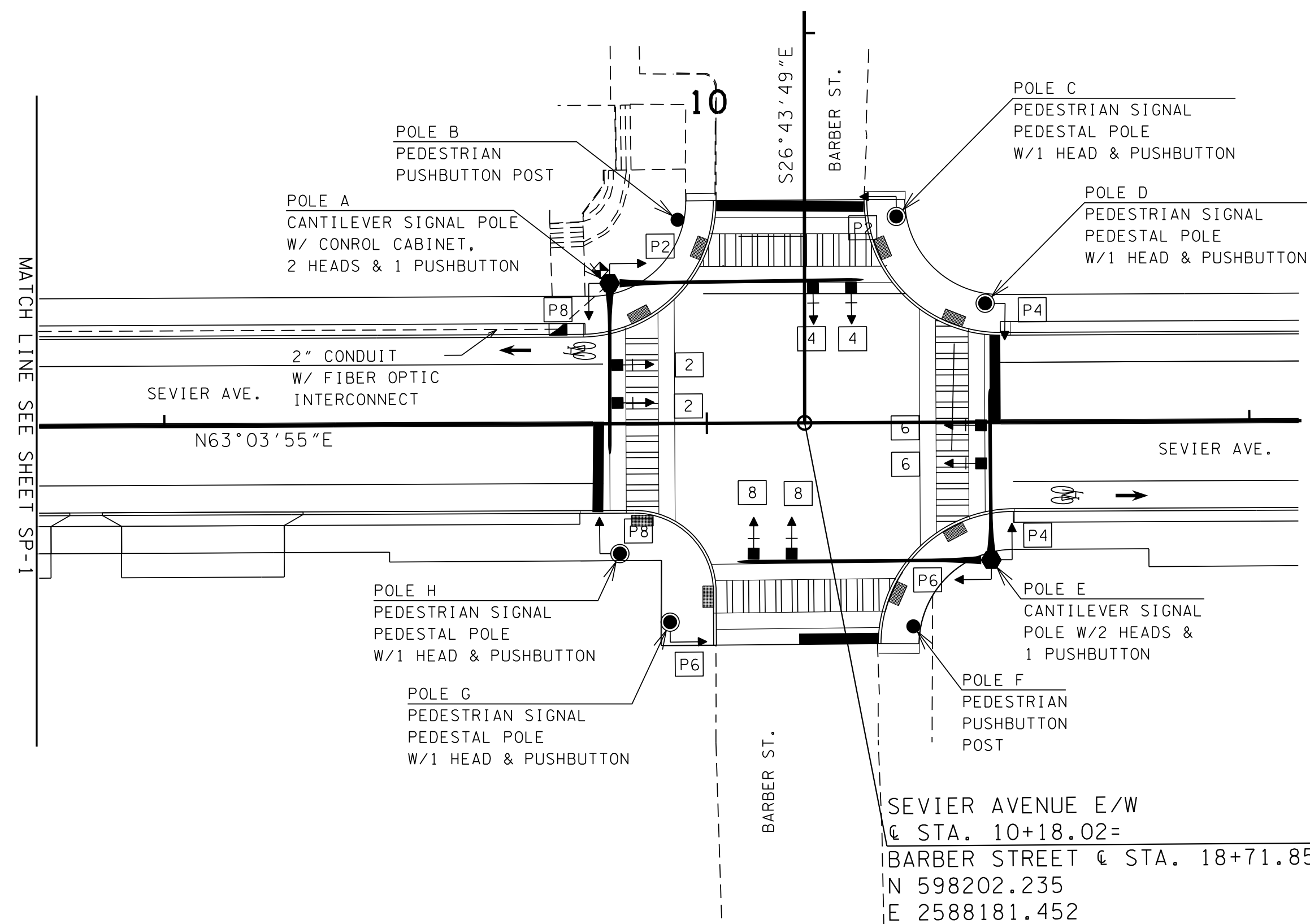
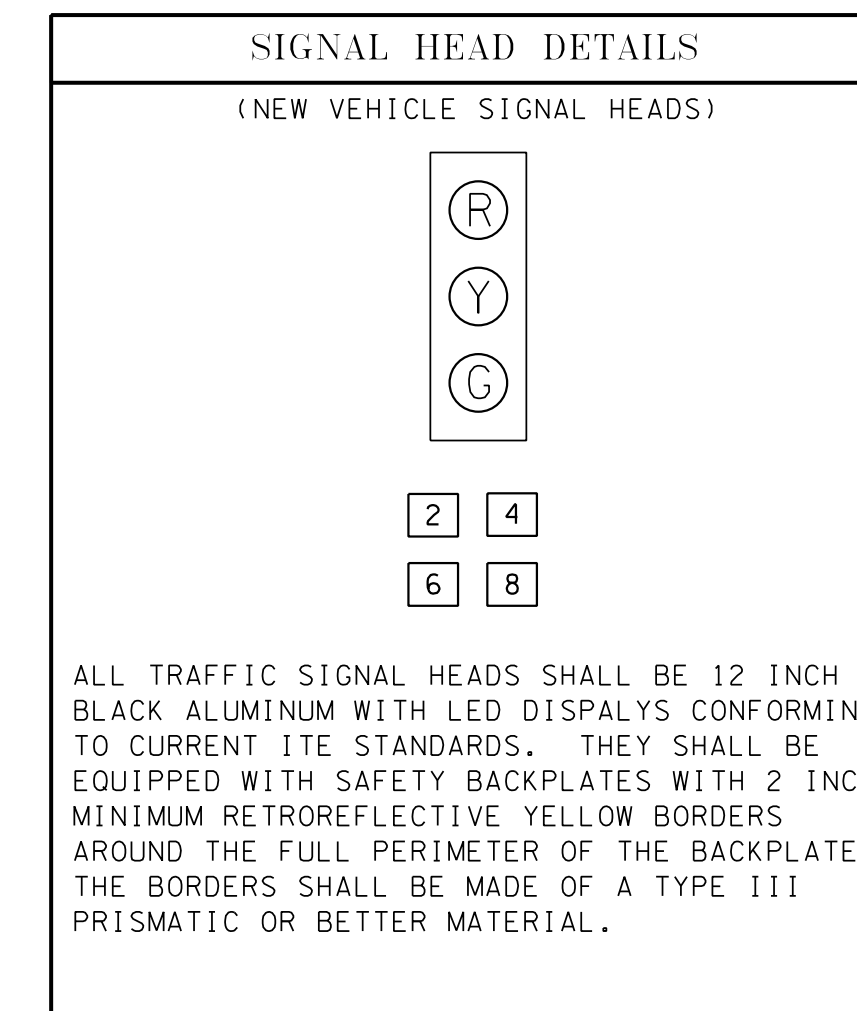
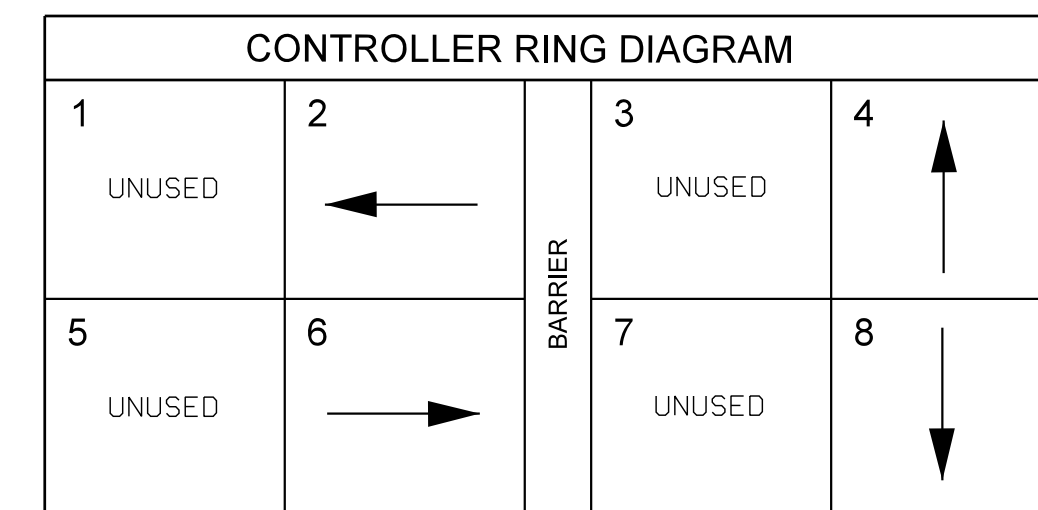
- SCOPE OF WORK:**
- COMPLETE REMOVAL OF EXISTING SPAN WIRE MOUNTED TRAFFIC SIGNAL.
 - INSTALLATION OF COMPLETE NEW TRAFFIC SIGNAL INCLUDING MAST ARM SUPPORTS, PEDESTRIAN POSTS/PEDESTALS, RADAR DETECTION AND FIBER OPTIC INTERCONNECT TO SIGNAL AT SEVIER AVENUE AND BARBER STREET.

MAST ARM, POLE & FOOTING DATA				
POLE	ARM SPREAD	FOOTING DEPTH X DIAMETER	STATION	OFFSET
A	30' X 45'	15' X 3'	9+82.19	25.88' L
B	N/A (PUSHBUTTON POST)	2' X 2'	9+94.78	37.54' L
C	N/A (PEDESTAL POLE)	6' X 2'	10+35.09	37.97' L
D	N/A (PEDESTAL POLE)	6' X 2'	10+51.40	21.89' L
E	30' X 45'	15' X 3'	10+52.31	25.44' R
F	N/A (PUSHBUTTON POST)	2' X 2'	10+37.91	37.60' R
G	N/A (PEDESTAL POLE)	6' X 2'	9+93.07	36.63' R
H	N/A (PEDESTAL POLE)	6' X 2'	9+83.87	23.95' R

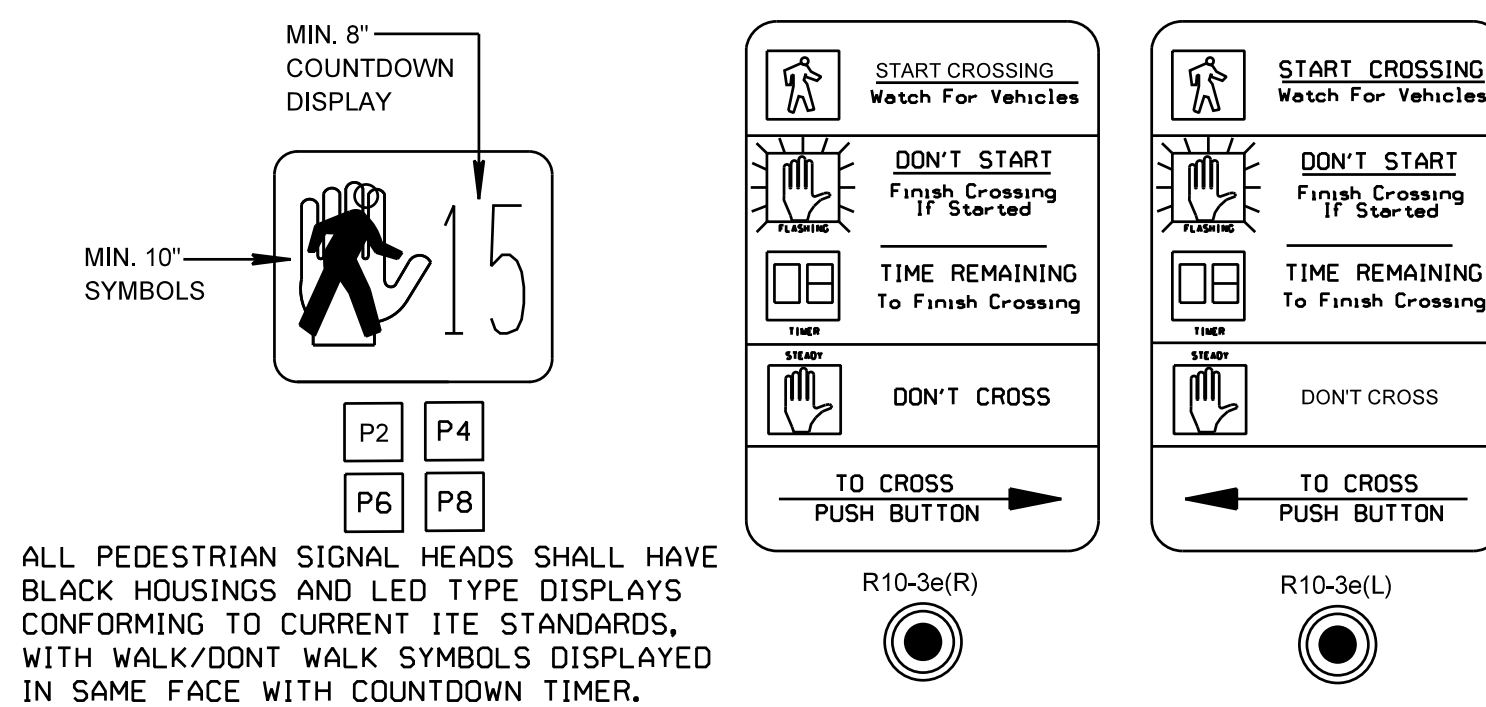
- NOTES:**
- FOOTING DEPTH IS DEPTH BELOW SURFACE OF GROUND.
 - VERTICAL CLEARANCE FROM PAVEMENT TO BOTTOM OF SIGNAL
MIN. = 17.0' MAX. = 19.0'.
 - MAST ARM AND POLE SIZE AND LENGTH SHALL BE DESIGNED BY THE POLE MANUFACTURER FOR THE ARM SPREAD AND LOADINGS REQUIRED BY THIS DESIGN PLAN. THE DESIGN SHALL COMPLY WITH THE REQUIREMENTS OF T.D.O.T. STANDARD SPECIFICATION SECTION 730 AND T.D.O.T. STANDARD DRAWING T-SG-9.
 - SIGNAL HEAD MOUNTING BRACKETS SHALL BE PER T.D.O.T. STANDARD DRAWING T-SG-9 OR EQUIVALENT.
 - POLES SHALL BE BLACK POWDER COAT.
 - FOOTING DEPTHS SHOWN ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF FOUNDATION AND POLE.



- LEGEND**
- PROPOSED CONDUIT
 - ▣ PROPOSED PULL BOX (TYPE B)
 - ▣ PROPOSED FIBER OPTIC PULL BOX (TYPE B)
 - ▣ PROPOSED POLE MOUNTED CONTROLLER CABINET
 - PROPOSED STRAIN POLE AND MAST ARMS
 - ◻ PROPOSED SIGNAL HEAD
 - ↑ PROPOSED PEDESTRIAN SIGNAL HEAD
 - PEDESTRIAN SIGNAL PEDESTAL
 - PEDESTRIAN PUSHBUTTON POST



PEDESTRIAN SIGNAL AND PUSHBUTTON DETAILS



ALL PEDESTRIAN SIGNAL HEADS SHALL HAVE BLACK HOUSINGS AND LED TYPE DISPLAYS CONFORMING TO CURRENT ITE STANDARDS, WITH WALK/DONT WALK SYMBOLS DISPLAYED IN SAME FACE WITH COUNTDOWN TIMER.

WIRING AND CONDUIT DIAGRAM (N.T.S.)

TO BE SHOWN ON
CONSTRUCTION PLANS

REVISIONS

NO.	DATE	DESCRIPTION
1	8-11-17	Added interconnect, pole data, & ped labels



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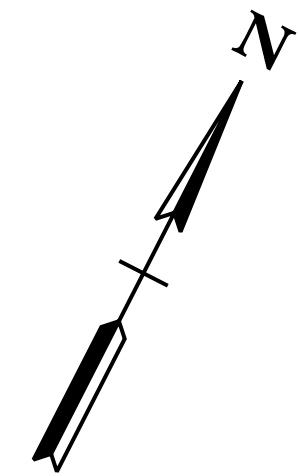
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SCALE: 1" = 20'
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DRAWING TITLE: SIGNAL PLAN SEVIER/ BARBER
DWG NO: []
DRAWING NO: SP-2



SCALE: 1" = 20'

PHILLIPS AVENUE

DAVENPORT ROAD

BARBER STREET

ALLEY

ILLUMINATION RESULTS					
ROADWAY	AVG.	MAX	MIN.	MAX/MIN	AVG/MIN
SEVIER AVENUE	1.3	2.1	0.5	4.2:1	2.6:1
SEVIER AVENUE ROUNDABOUT	1.7	2.6	0.6	4.3:1	2.8:1
SEVIER AVENUE SOUTH OF ROUNDABOUT	1.3	2.1	0.6	3.5:1	2.2:1
FOGGY BOTTOM STREET	1.2	1.7	0.6	2.8:1	2.0:1
ISLAND HOME AVENUE	1.3	2.5	0.5	5.0:1	2.6:1

SEVIER AVENUE

MATCH LINE SEE SHEET S12

G4c-1

G4c-2

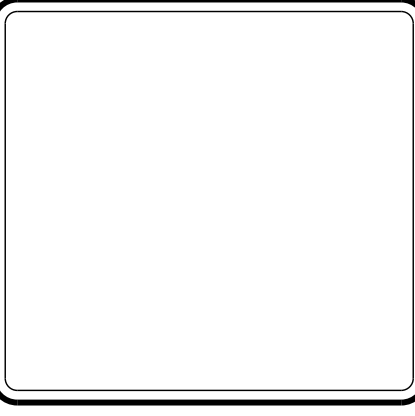
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G4c-4

G4c-5

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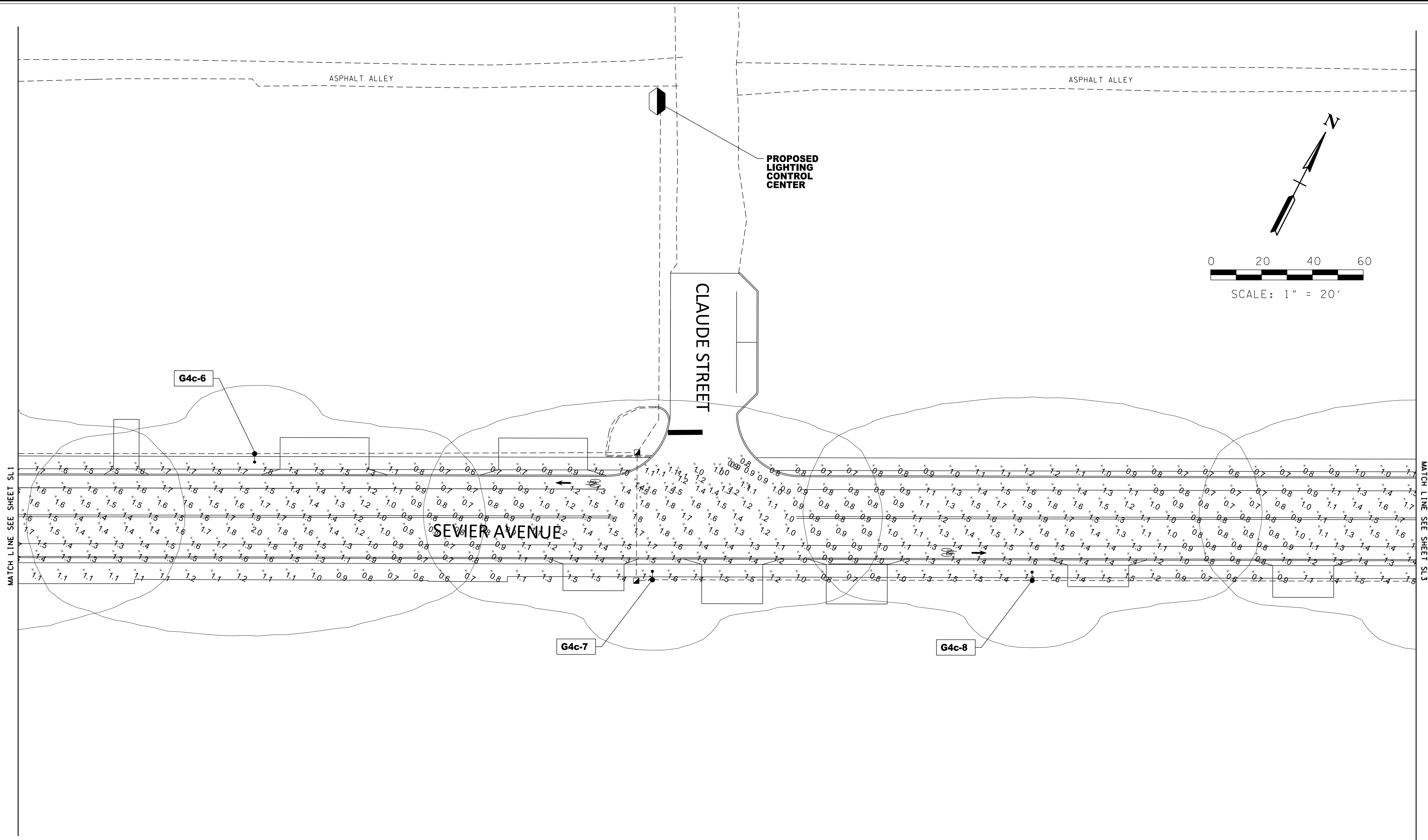
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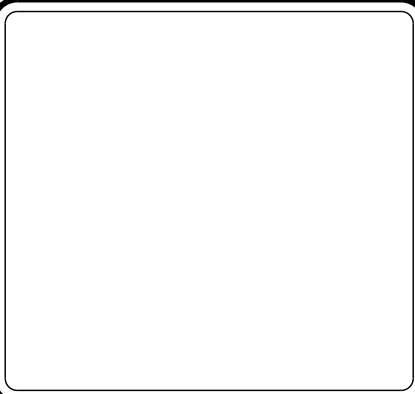
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DATE: 06-30-2017
FILE NAME:
DRAWING TITLE:
STREET LIGHTING LAYOUT

DWG OF DRAWING NO: SL 1

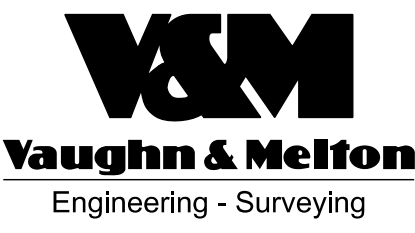
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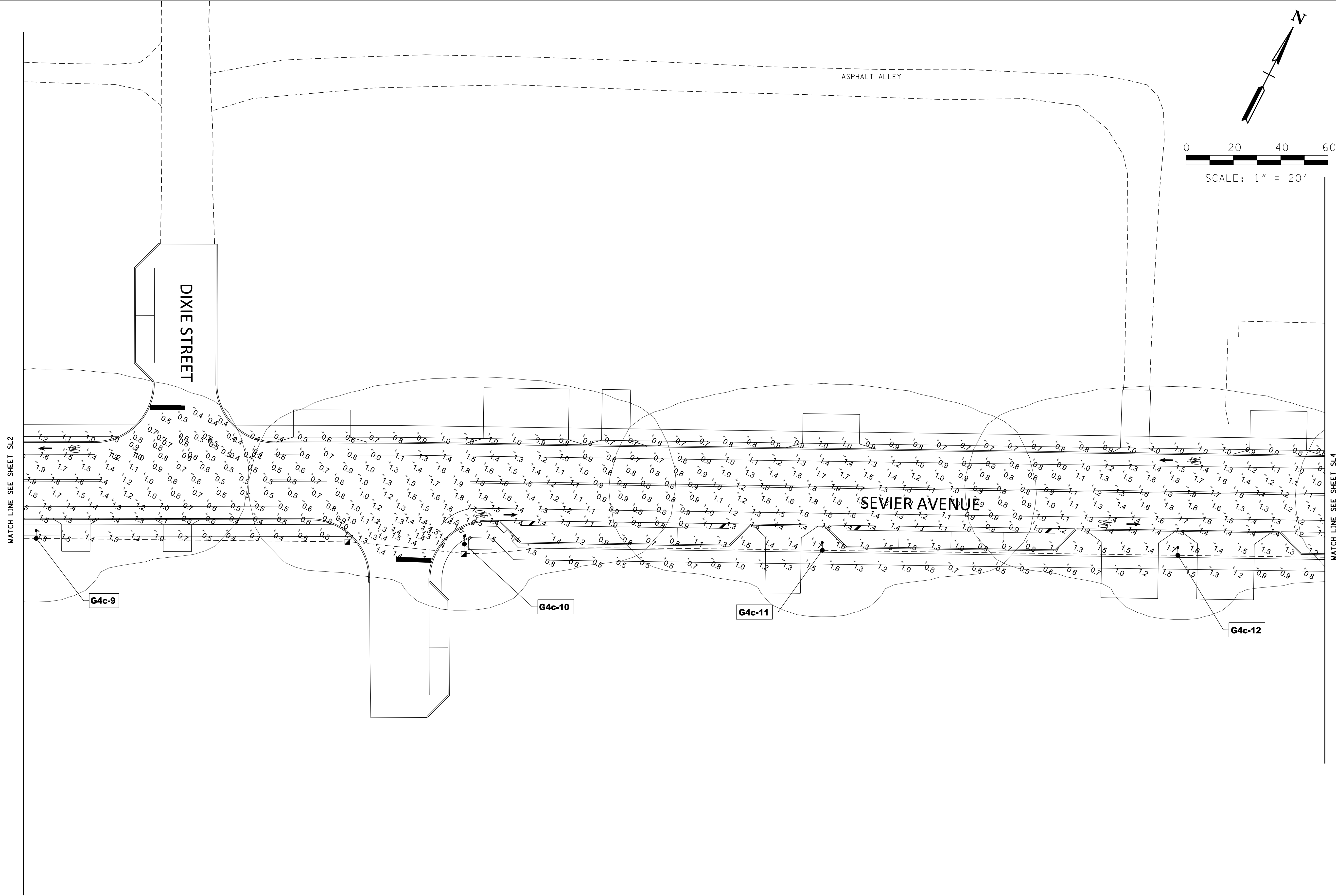


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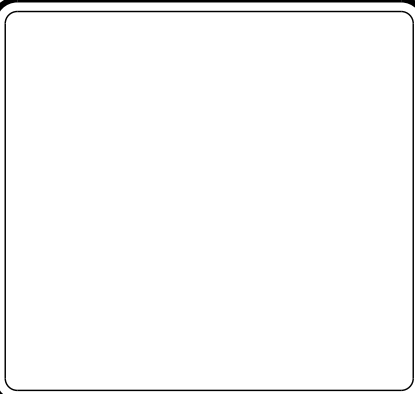
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OF	SL2

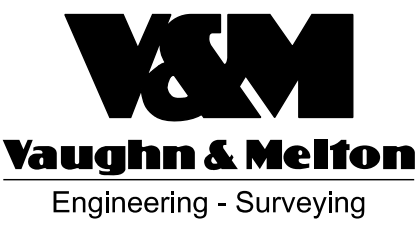
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DRAWING TITLE:
STREET LIGHTING LAYOUT

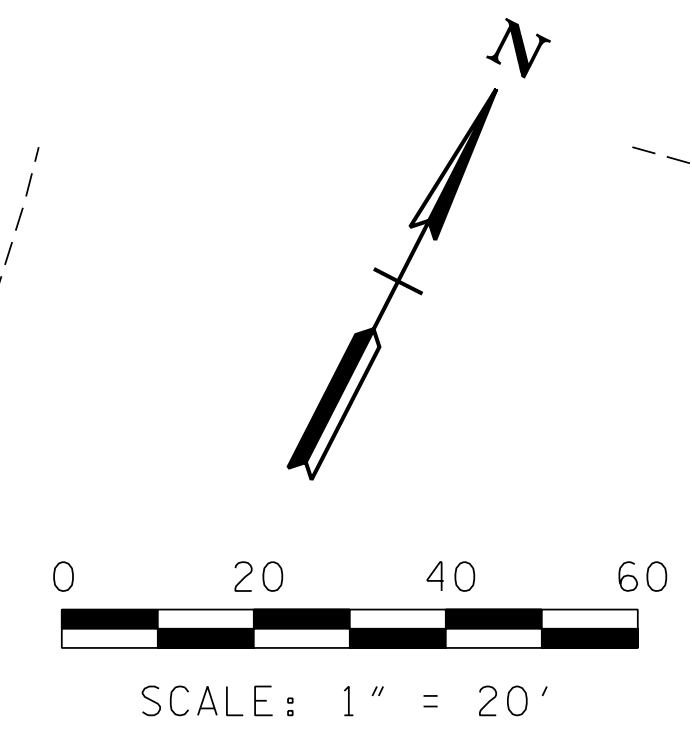
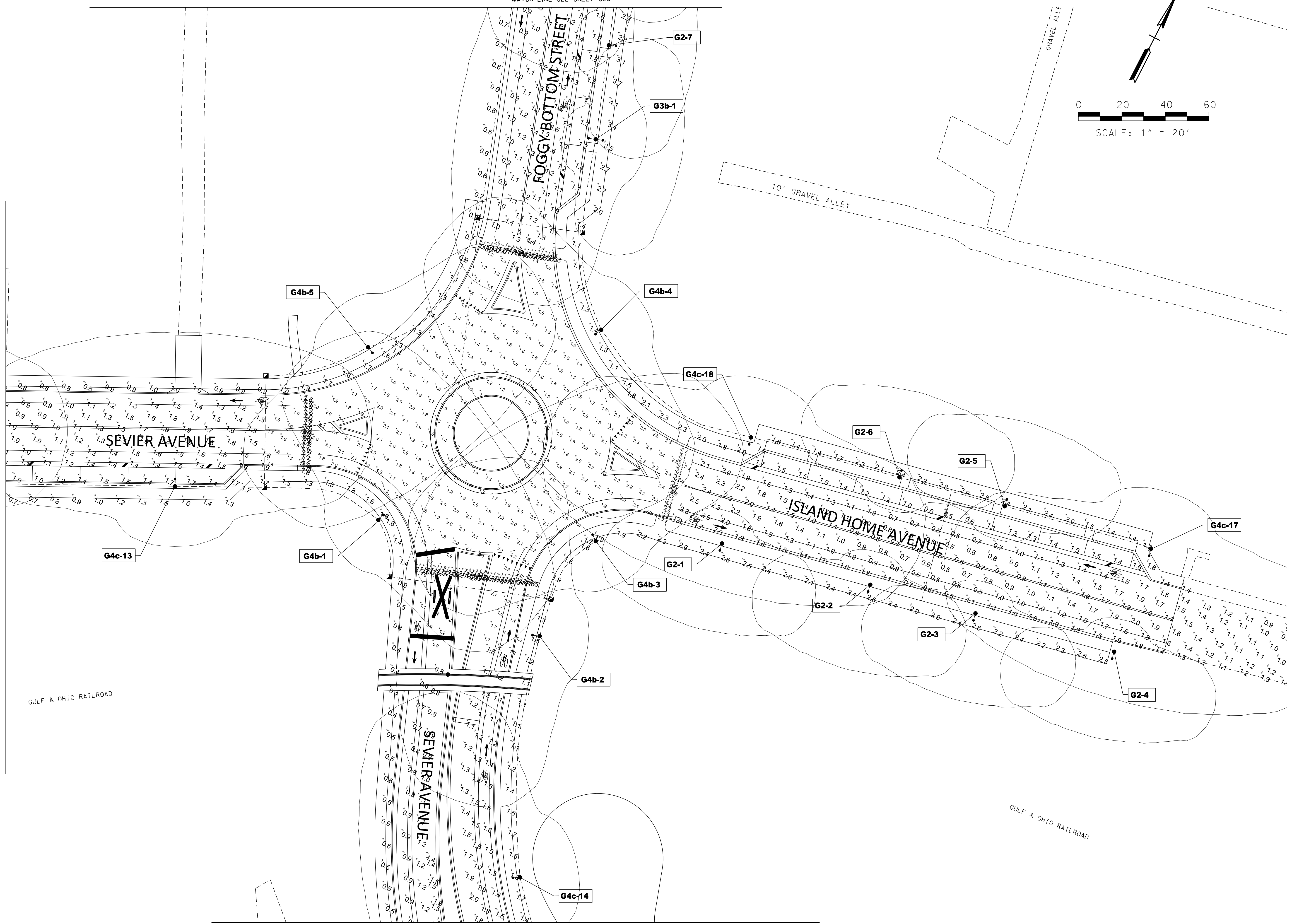
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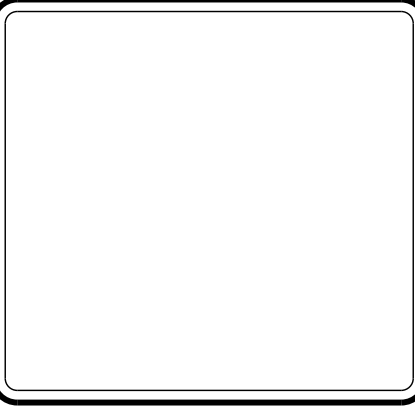
MATCH LINE SEE SHEET SL3

MATCH LINE SEE SHEET SL5

MATCH LINE SEE SHEET SL6



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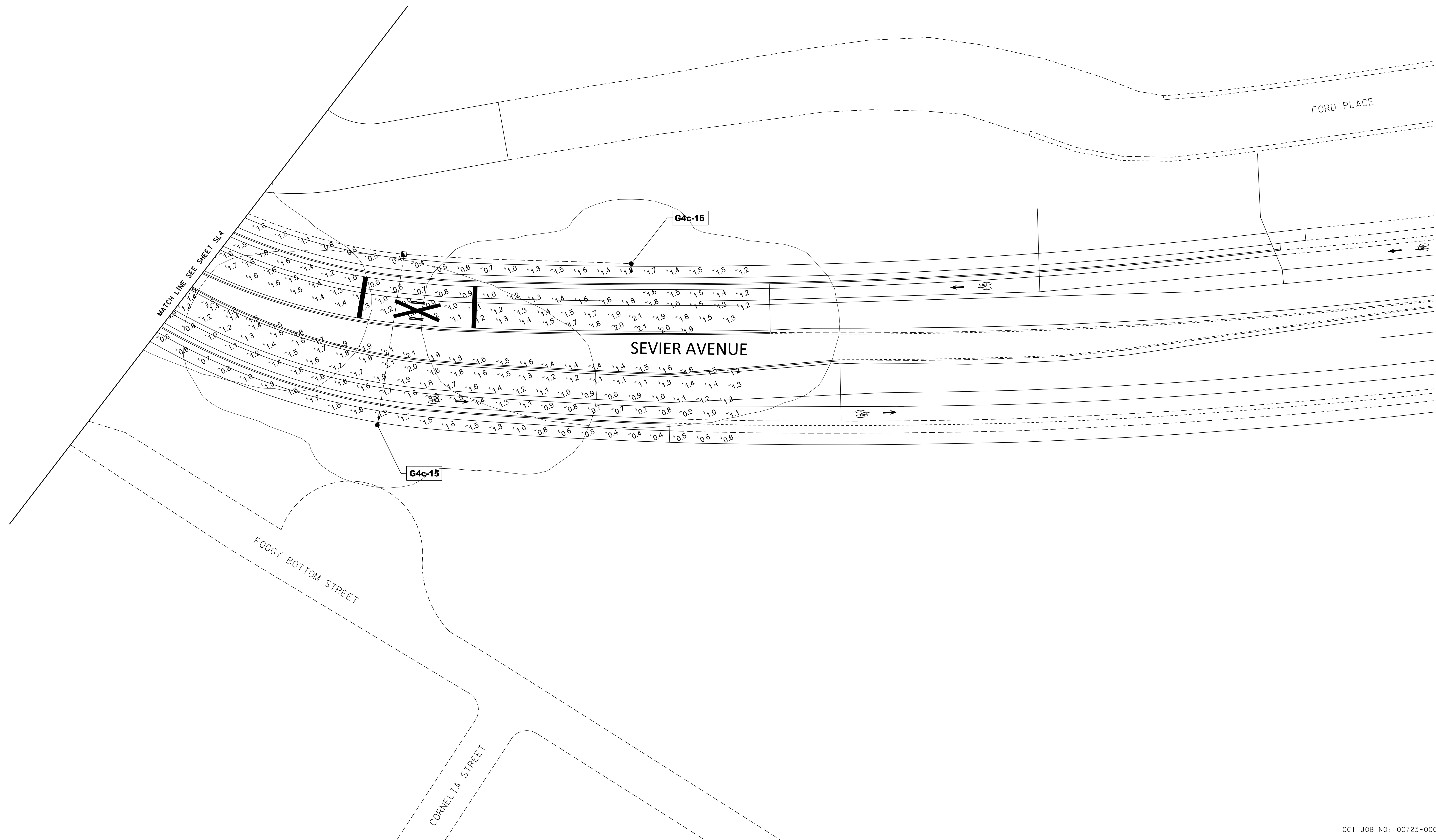
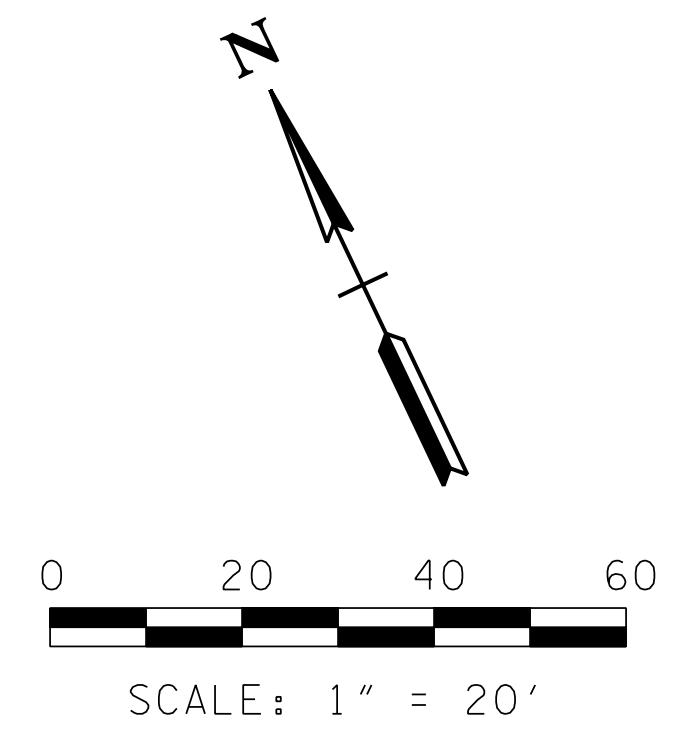
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FILE NAME:
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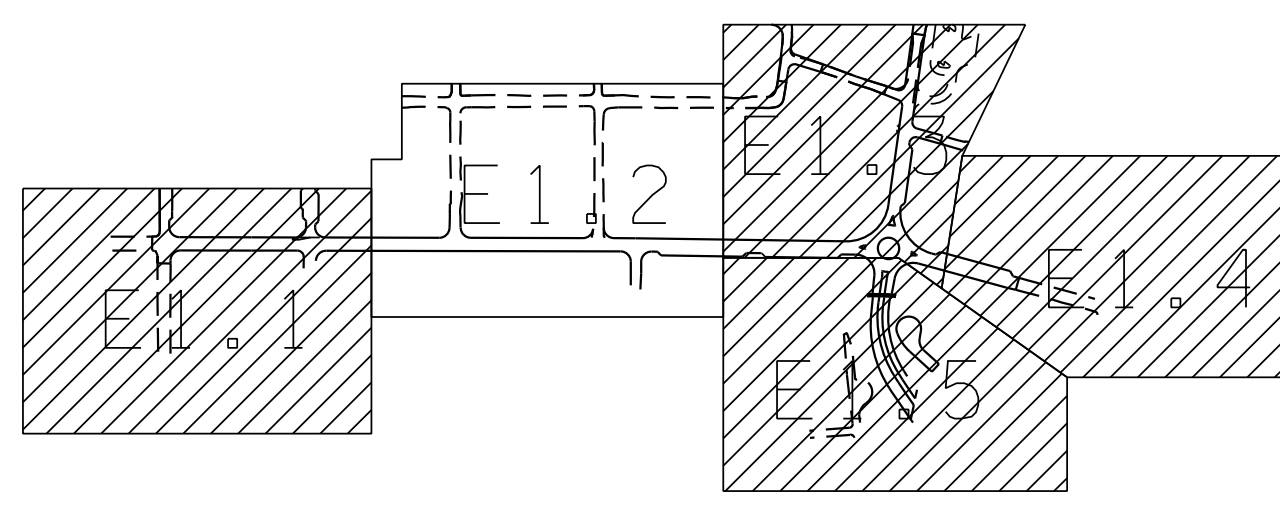
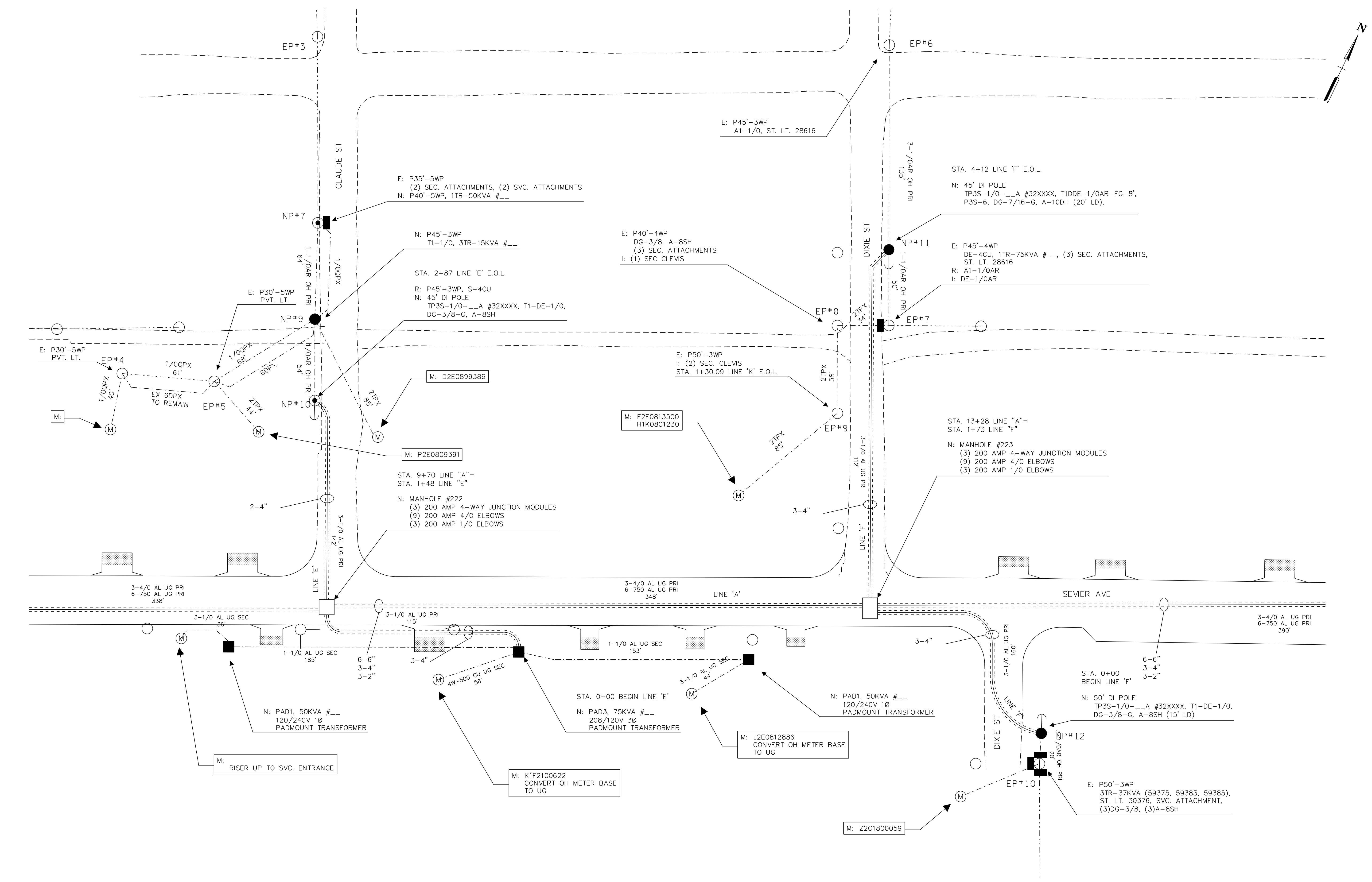
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DWG	DRAWING NO:
OF	SL6

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⊙	POLE TO BE REMOVED OR REPLACED	---	EX. OH CONDUCTOR TO BE REMOVED
●	NEW POLE	---	NEW OH CONDUCTOR
□	EXISTING TRANSFORMER	====	NEW UG DUCT BANK PRIMARY
◻	TRANSFORMER TO BE REMOVED OR REPLACED	----	NEW UG SERVICE
■	NEW TRANSFORMER TO BE INSTALLED		

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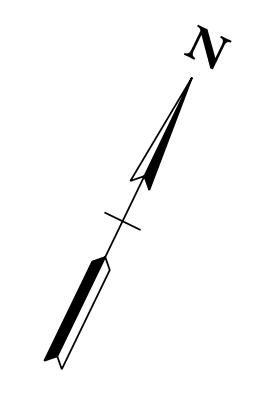
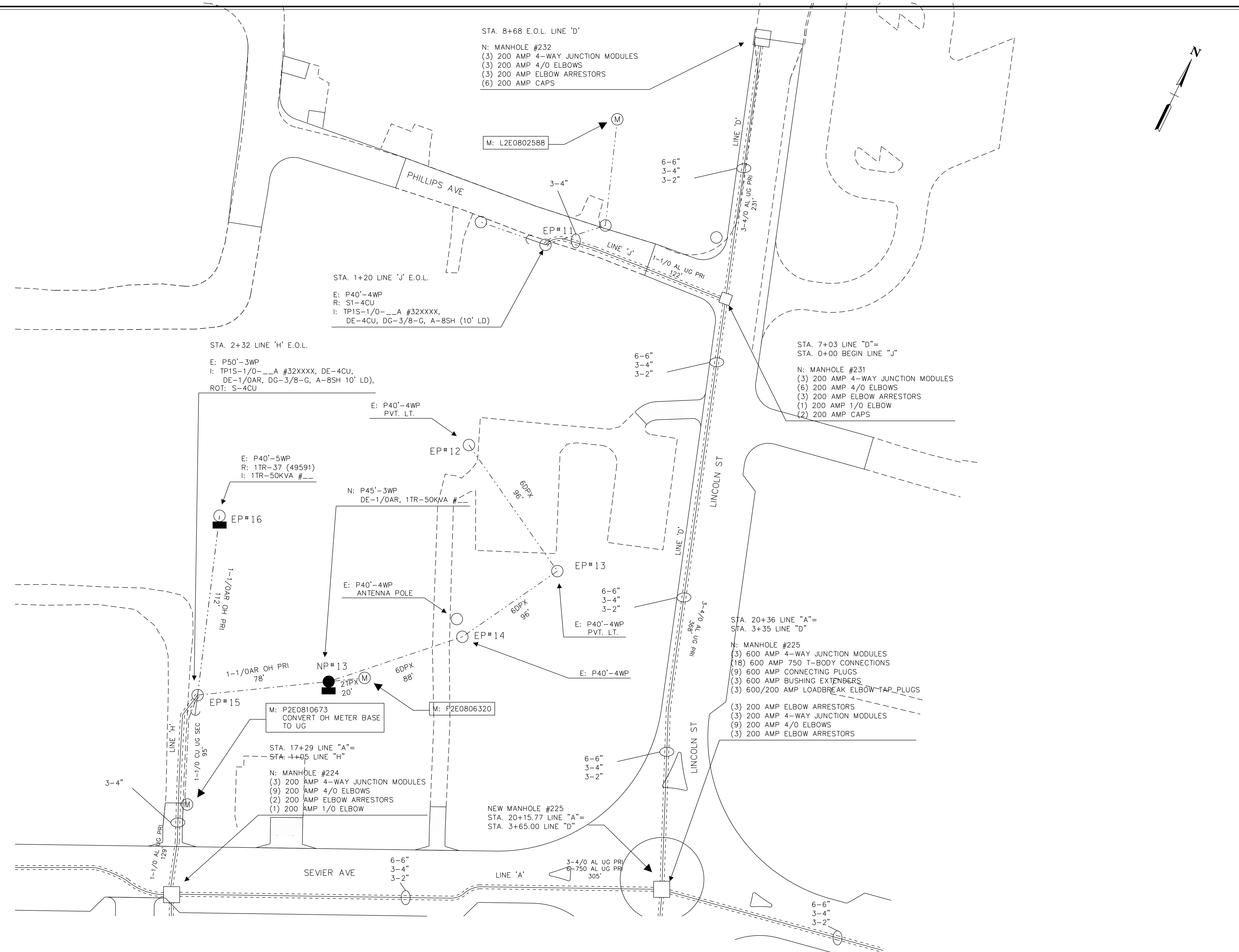
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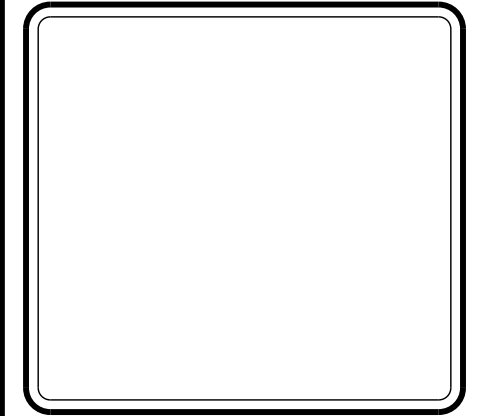
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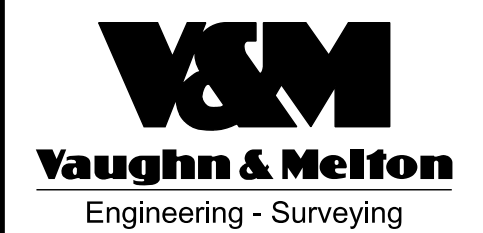
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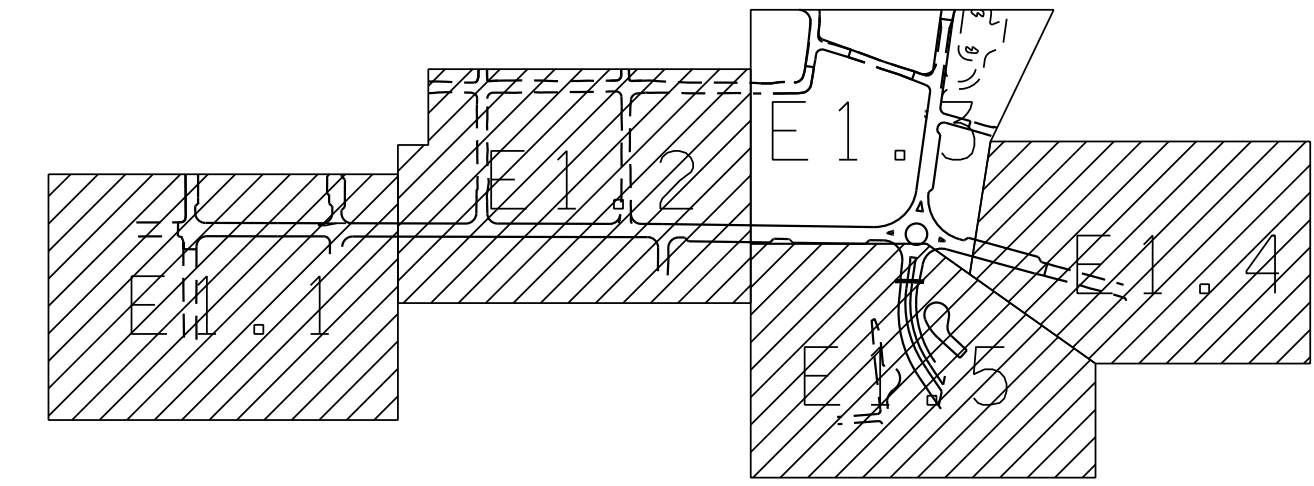
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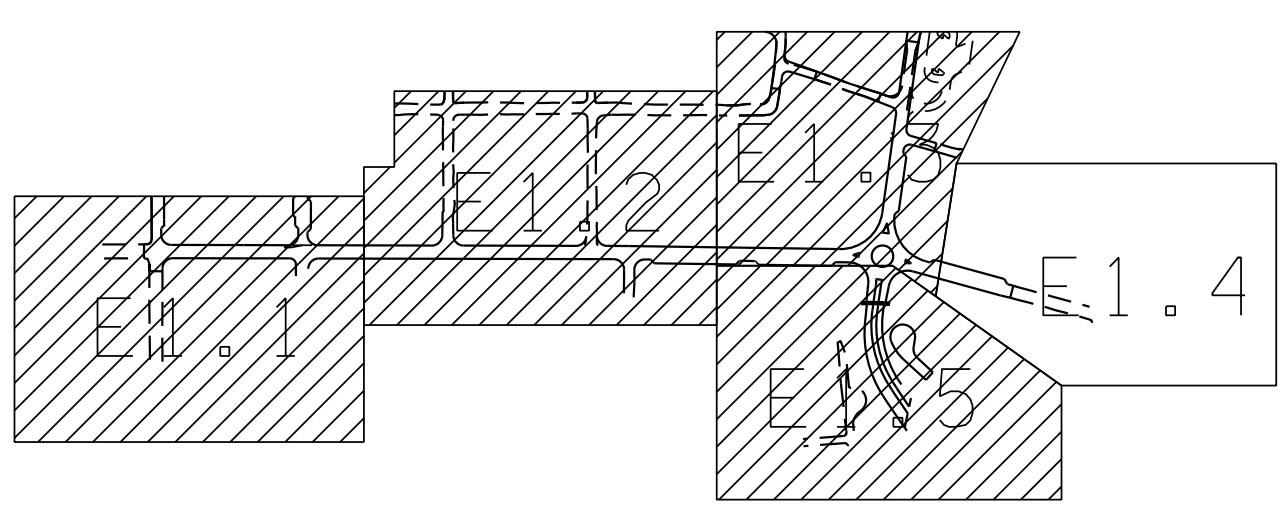
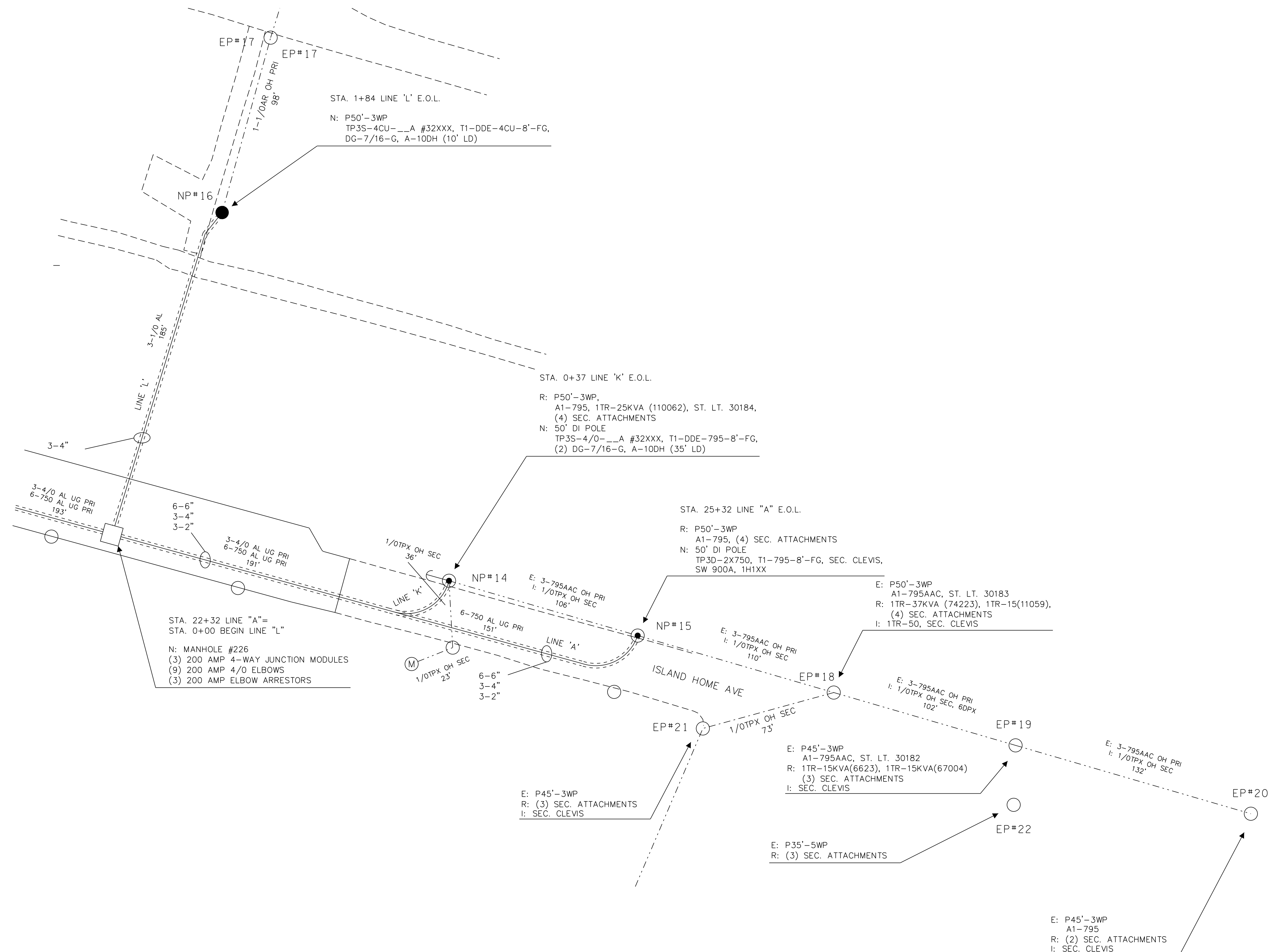
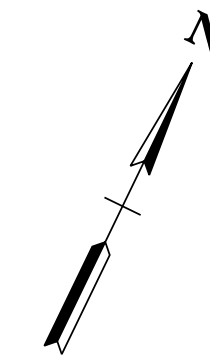


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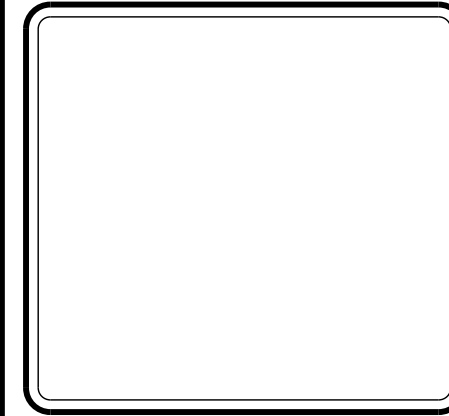
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	POLE TO BE REMOVED OR REPLACED		EX. OH CONDUCTOR TO BE REMOVED
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	EXISTING TRANSFORMER		NEW UG DUCT BANK PRIMARY
	TRANSFORMER TO BE REMOVED OR REPLACED		NEW UG SERVICE
	NEW TRANSFORMER TO BE INSTALLED		

DRAWN: S.L.R.	CHECKED: J.L.M.
JOB NO: 00723-0007	SCALE: 1" = 30'
DATE: 07-01-16	FILE NAME:
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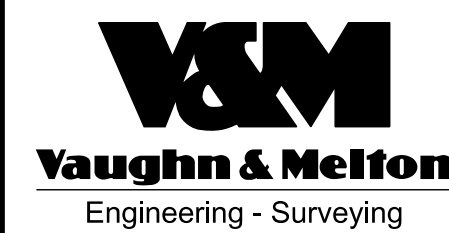


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⊙	POLE TO BE REMOVED OR REPLACED	---	EX. OH CONDUCTOR TO BE REMOVED
●	NEW POLE	----	NEW OH CONDUCTOR
□	EXISTING TRANSFORMER	=====	NEW UG DUCT BANK PRIMARY
⊠	TRANSFORMER TO BE REMOVED OR REPLACED	-----	NEW UG SERVICE
■	NEW TRANSFORMER TO BE INSTALLED		

NO.	DATE	REVISIONS DESCRIPTION



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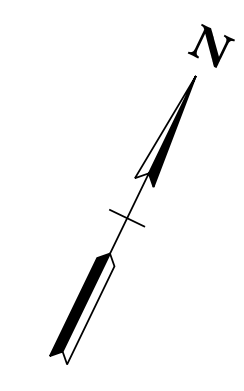
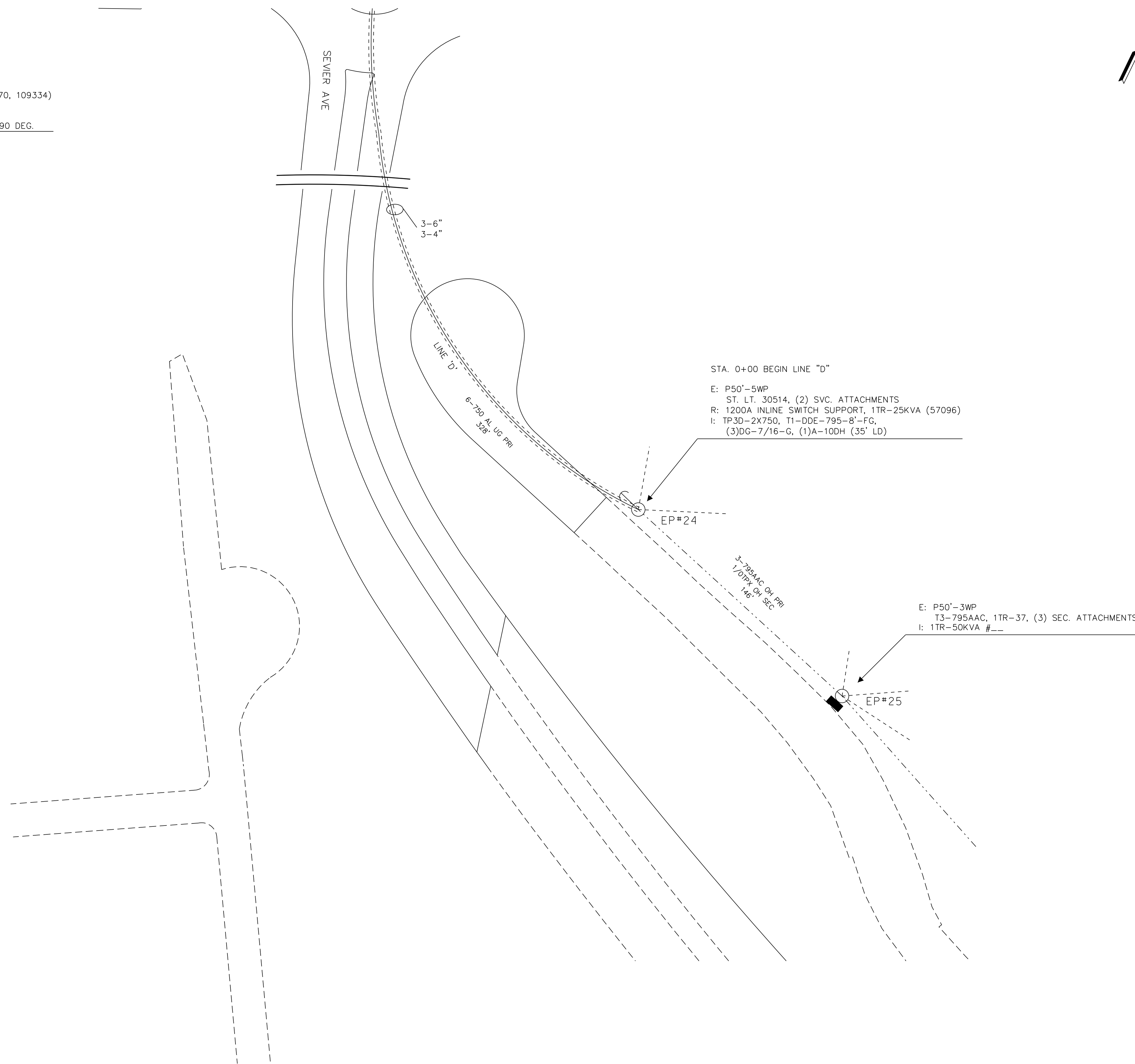
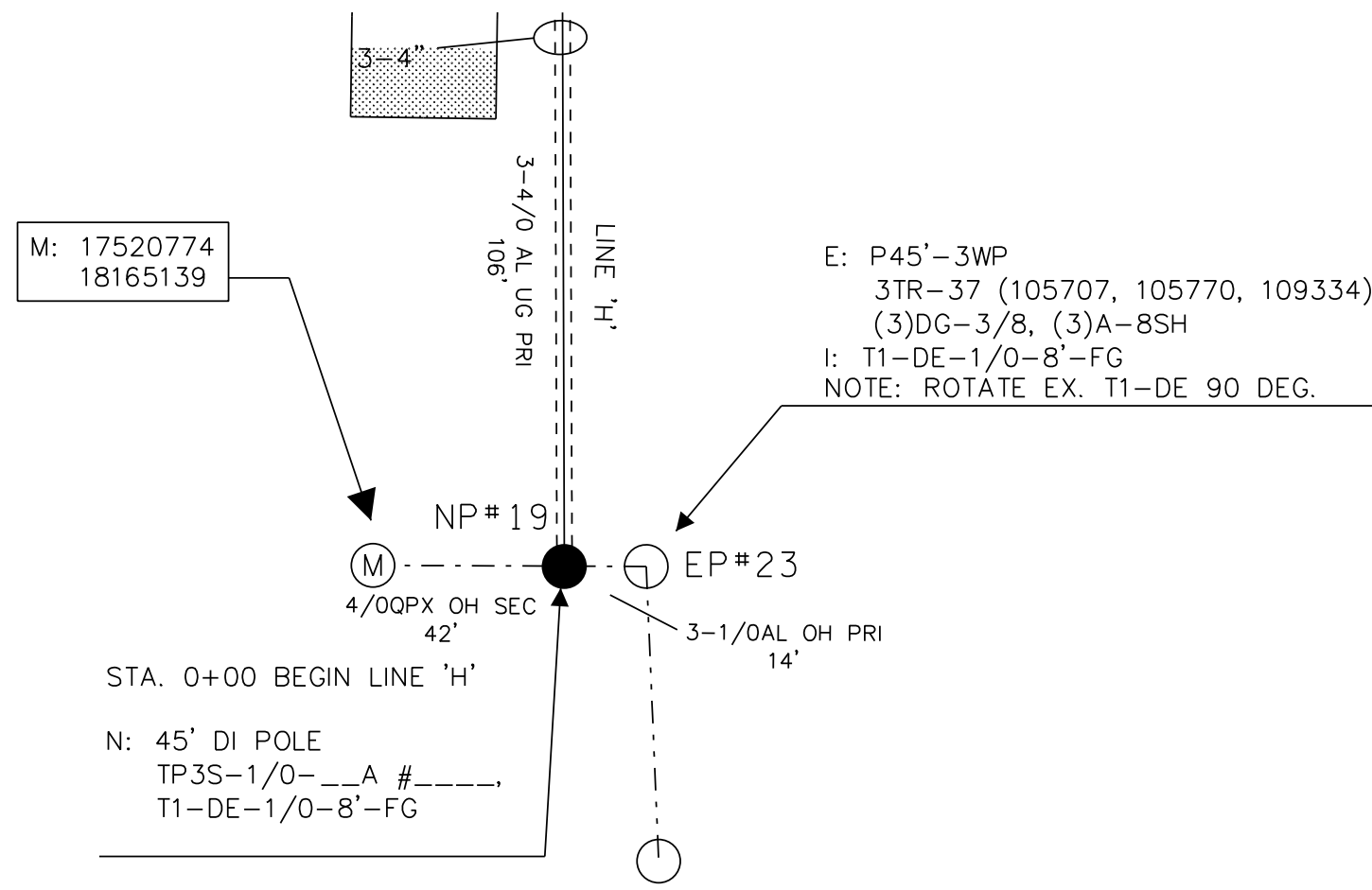
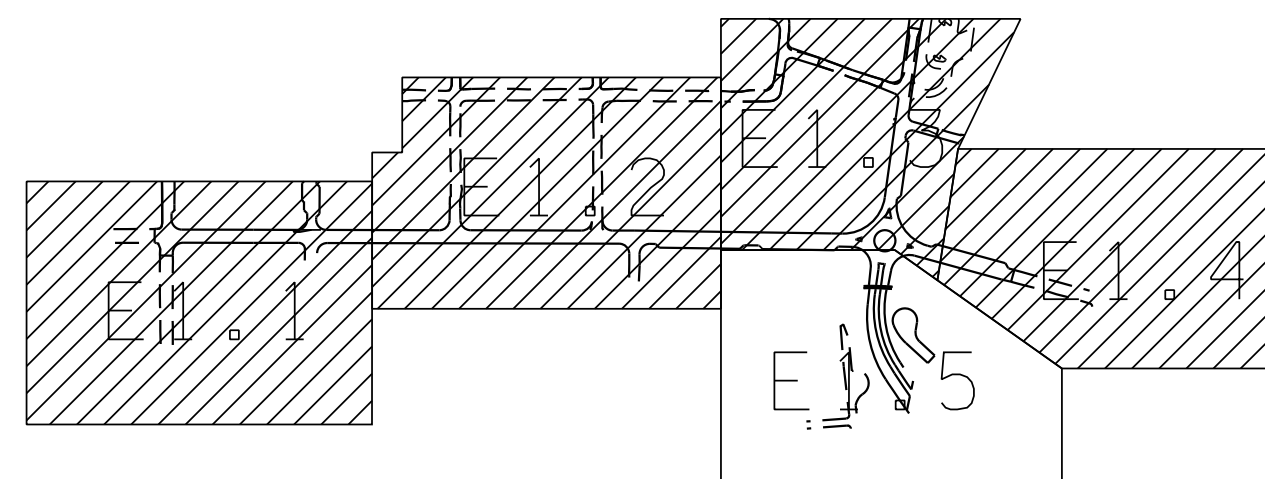
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 PLAN
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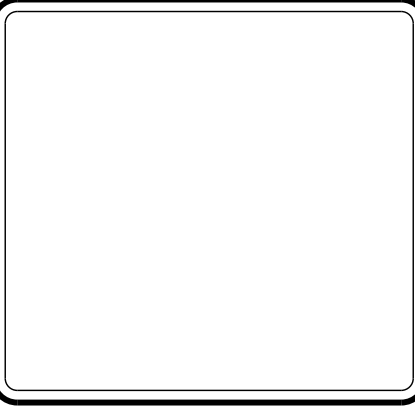
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□	EXISTING TRANSFORMER	=====	NEW UG DUCT BANK PRIMARY
◻	TRANSFORMER TO BE REMOVED OR REPLACED	-----	NEW UG SERVICE
■	NEW TRANSFORMER TO BE INSTALLED		

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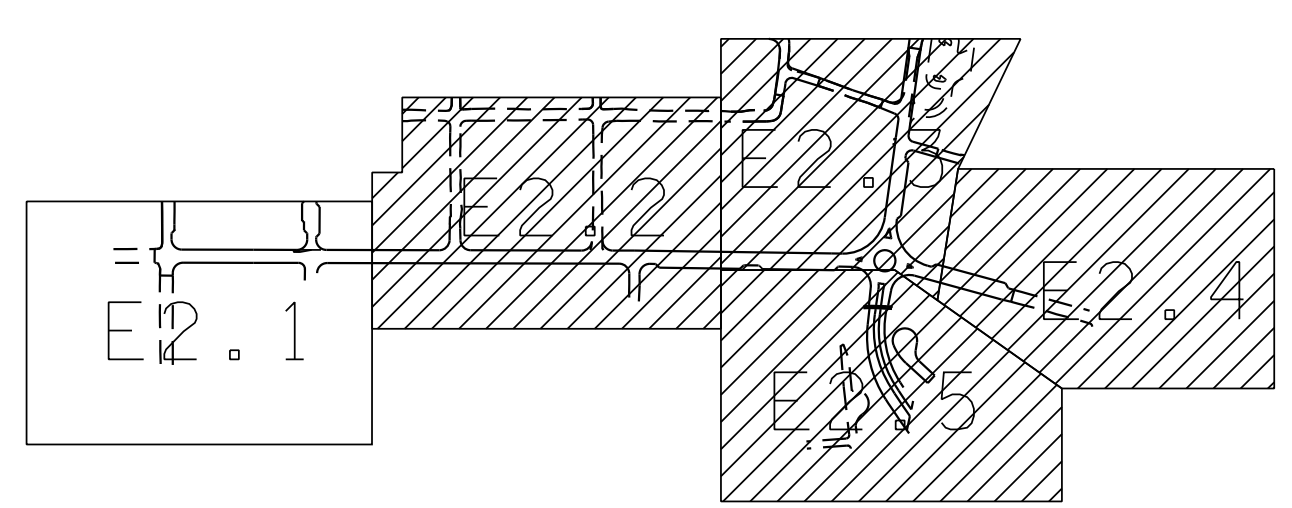
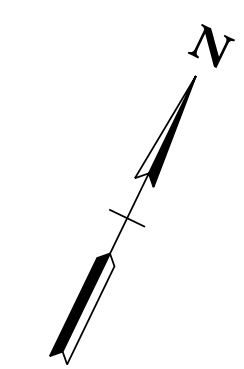
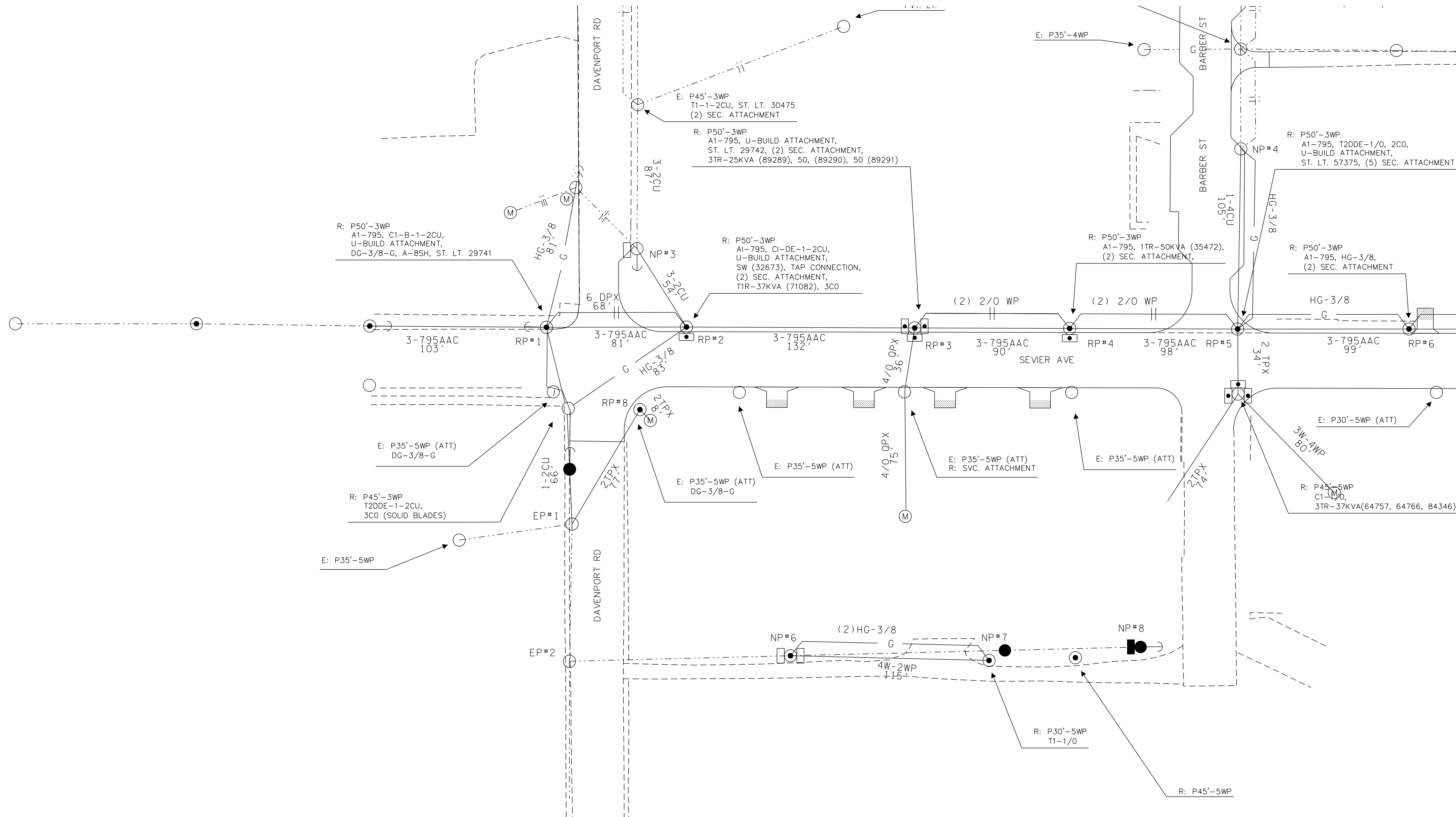
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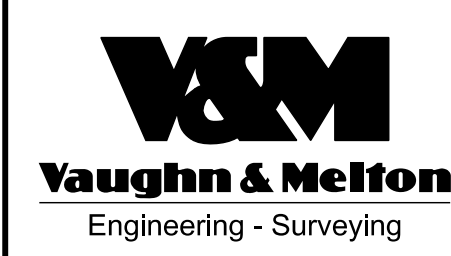


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◐	POLE TO BE REMOVED OR REPLACED	---	EX. OH CONDUCTOR TO BE REMOVED
●	NEW POLE	----	NEW OH CONDUCTOR
□	EXISTING TRANSFORMER	=====	NEW UG DUCT BANK PRIMARY
◻	TRANSFORMER TO BE REMOVED OR REPLACED	-----	NEW UG SERVICE
■	NEW TRANSFORMER TO BE INSTALLED		

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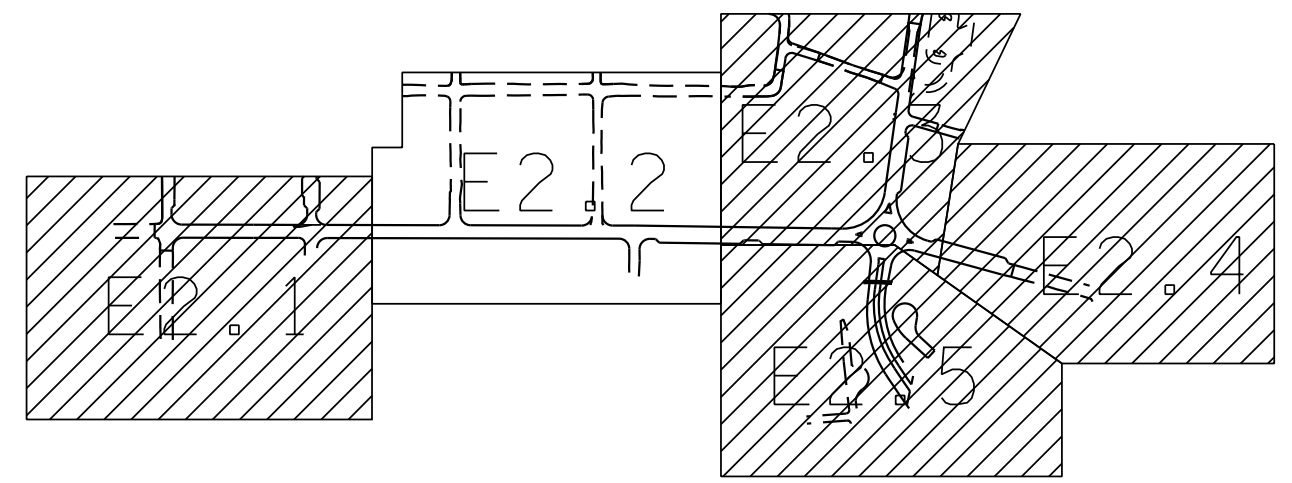
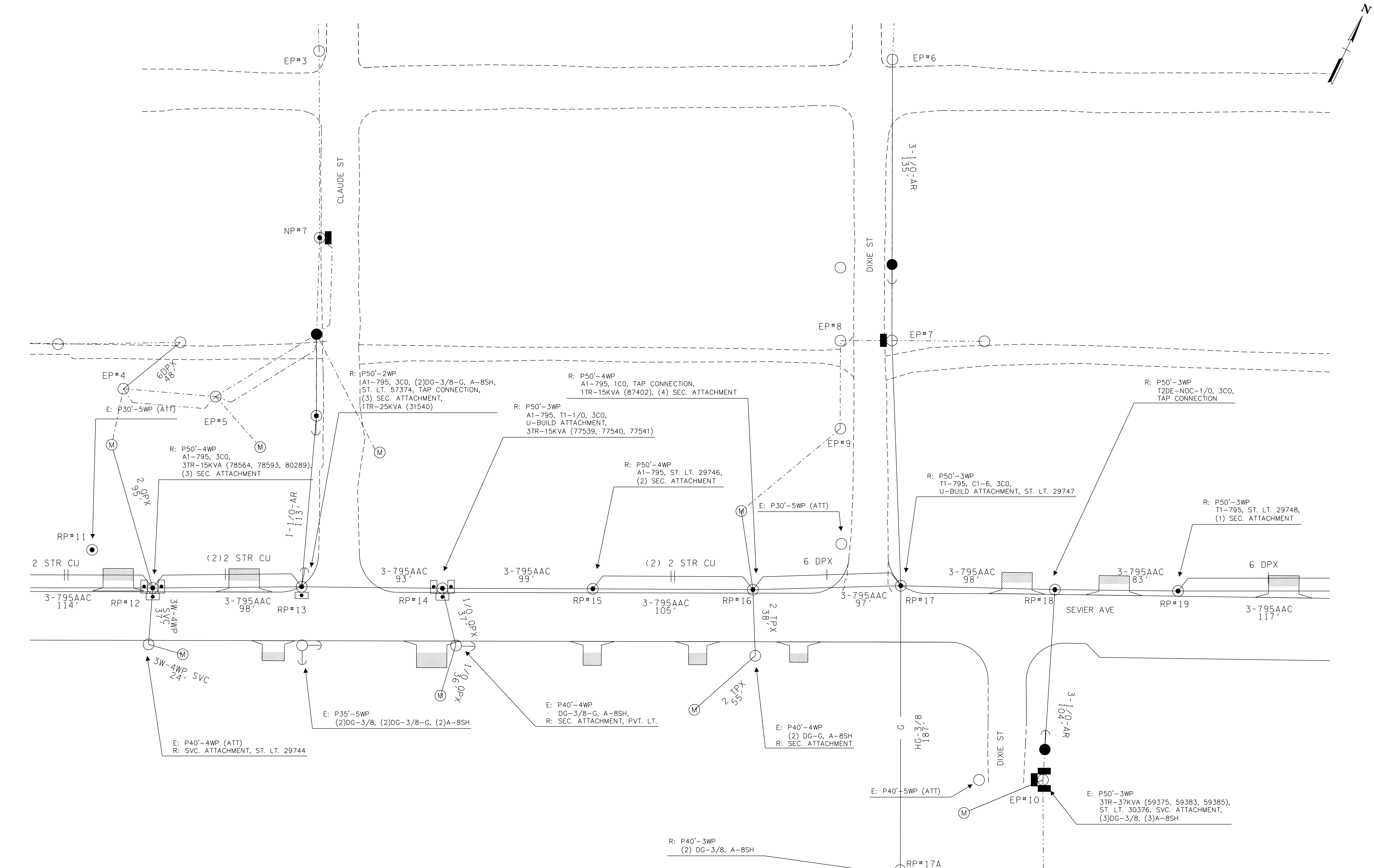
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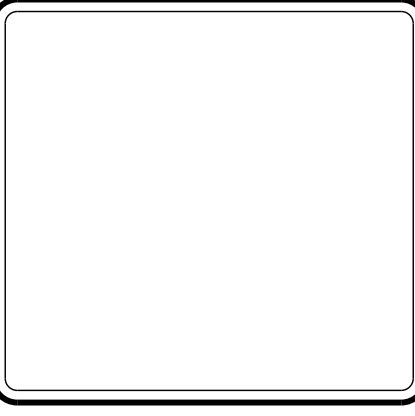
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□	EXISTING TRANSFORMER	=====	NEW UG DUCT BANK PRIMARY
■	TRANSFORMER TO BE REMOVED OR REPLACED	-----	NEW UG SERVICE
■	NEW TRANSFORMER TO BE INSTALLED		

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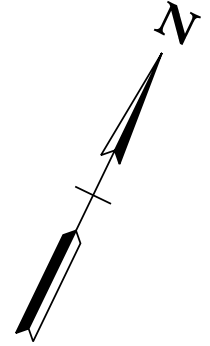
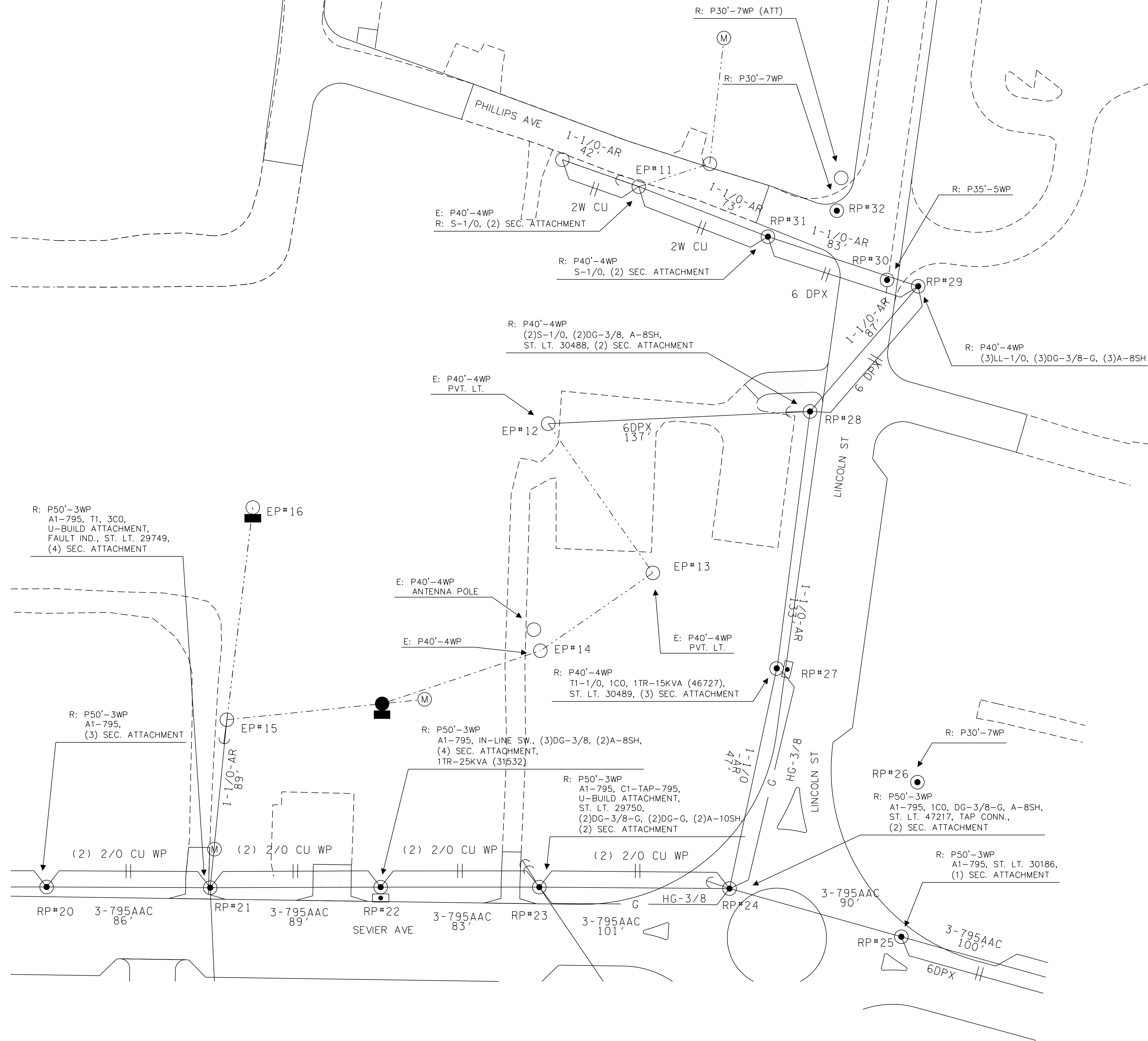
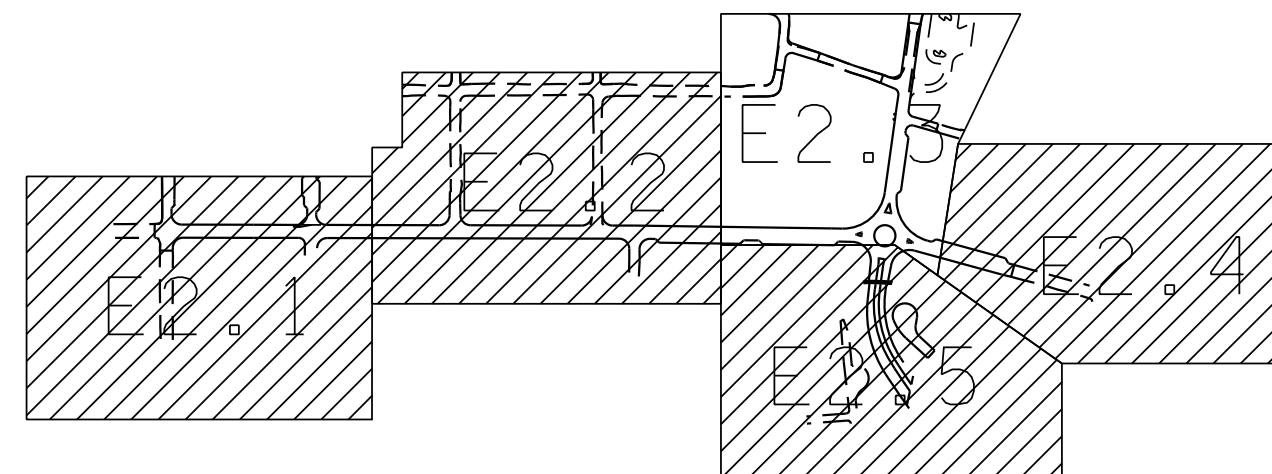
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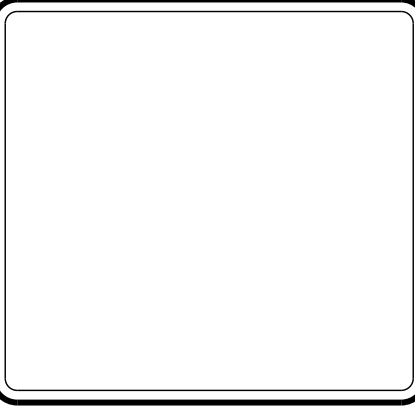
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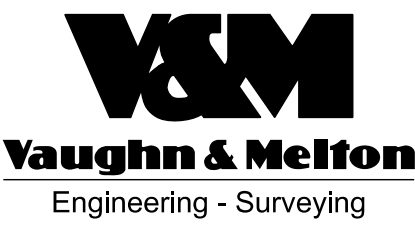
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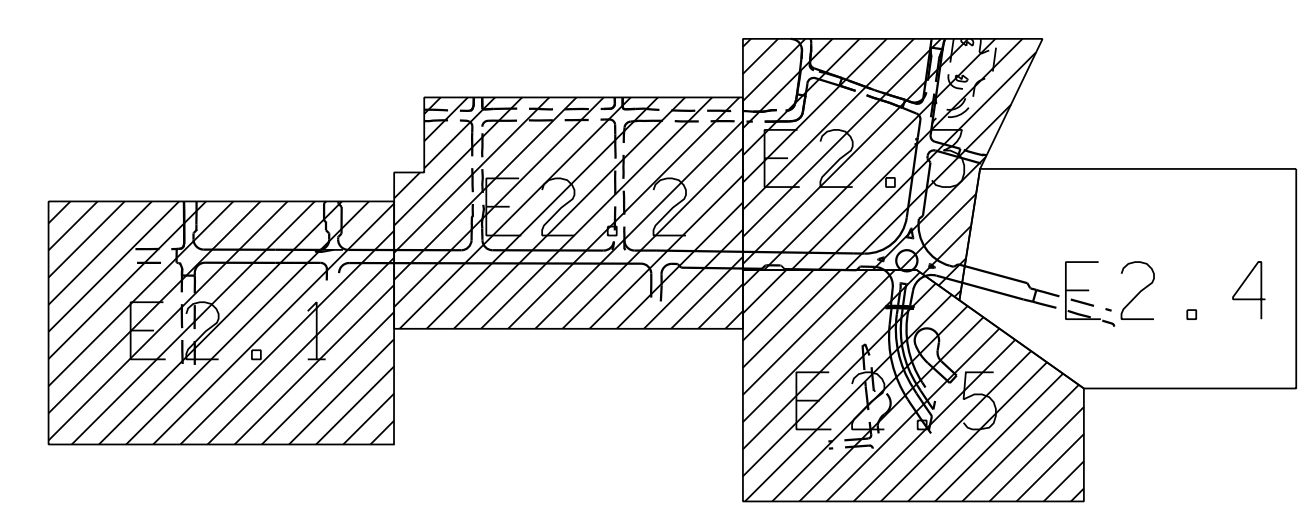
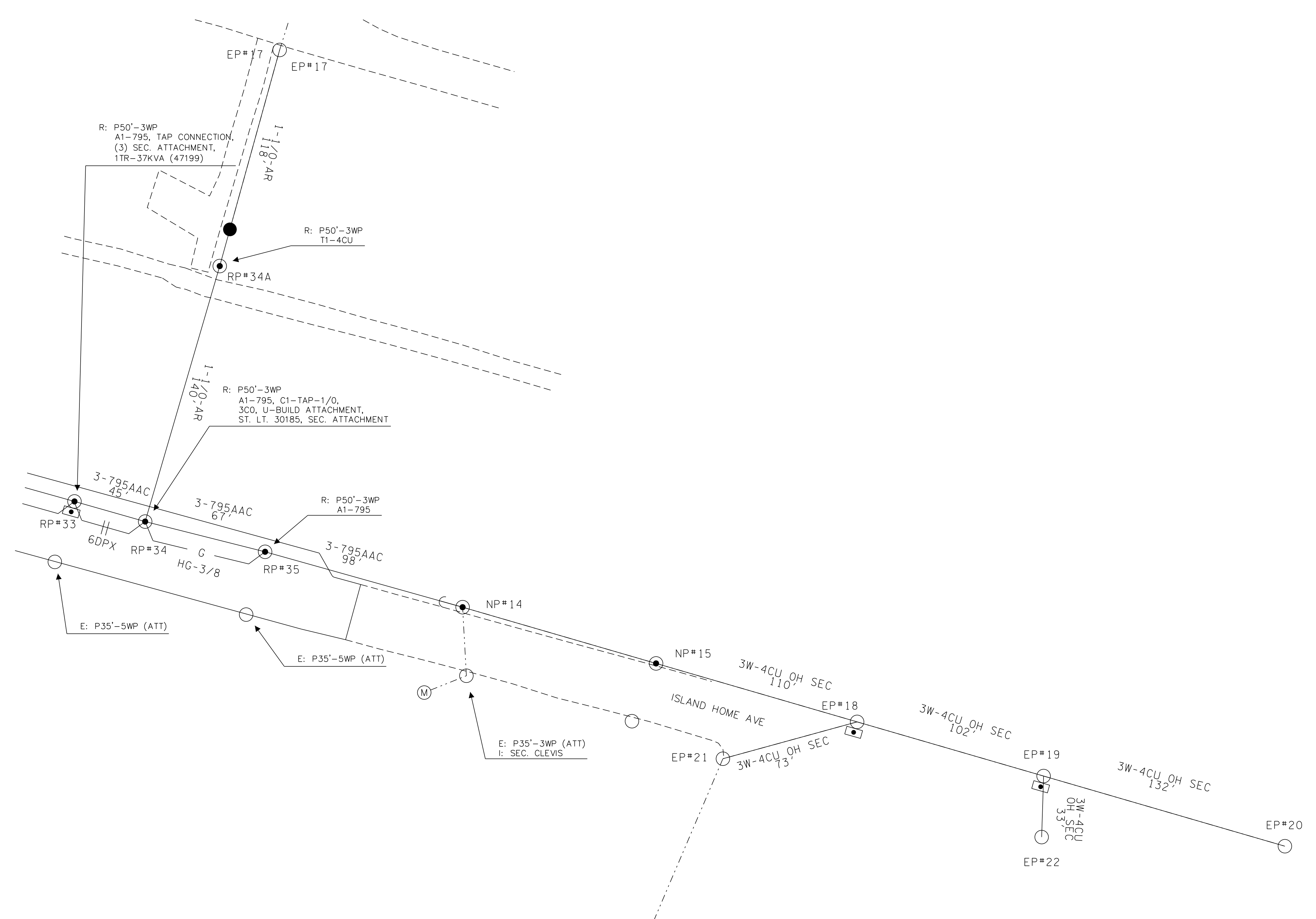
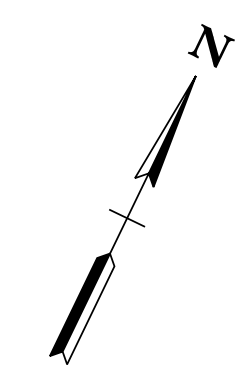
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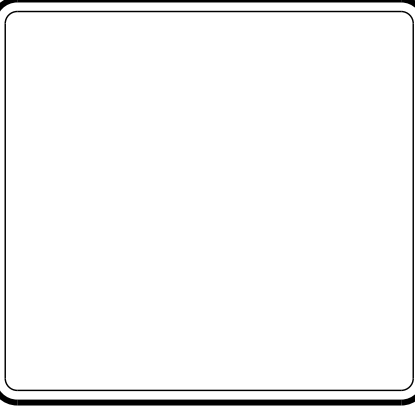
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	NEW POLE		NEW OH CONDUCTOR
	EXISTING TRANSFORMER		NEW UG DUCT BANK PRIMARY
	TRANSFORMER TO BE REMOVED OR REPLACED		NEW UG SERVICE
	NEW TRANSFORMER TO BE INSTALLED		

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DWG	DRAWING NO:
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LEGEND			
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●	NEW POLE	- - - -	NEW OH CONDUCTOR
□	EXISTING TRANSFORMER	=====	NEW UG DUCT BANK PRIMARY
◐	TRANSFORMER TO BE REMOVED OR REPLACED	-----	NEW UG SERVICE
■	NEW TRANSFORMER TO BE INSTALLED		

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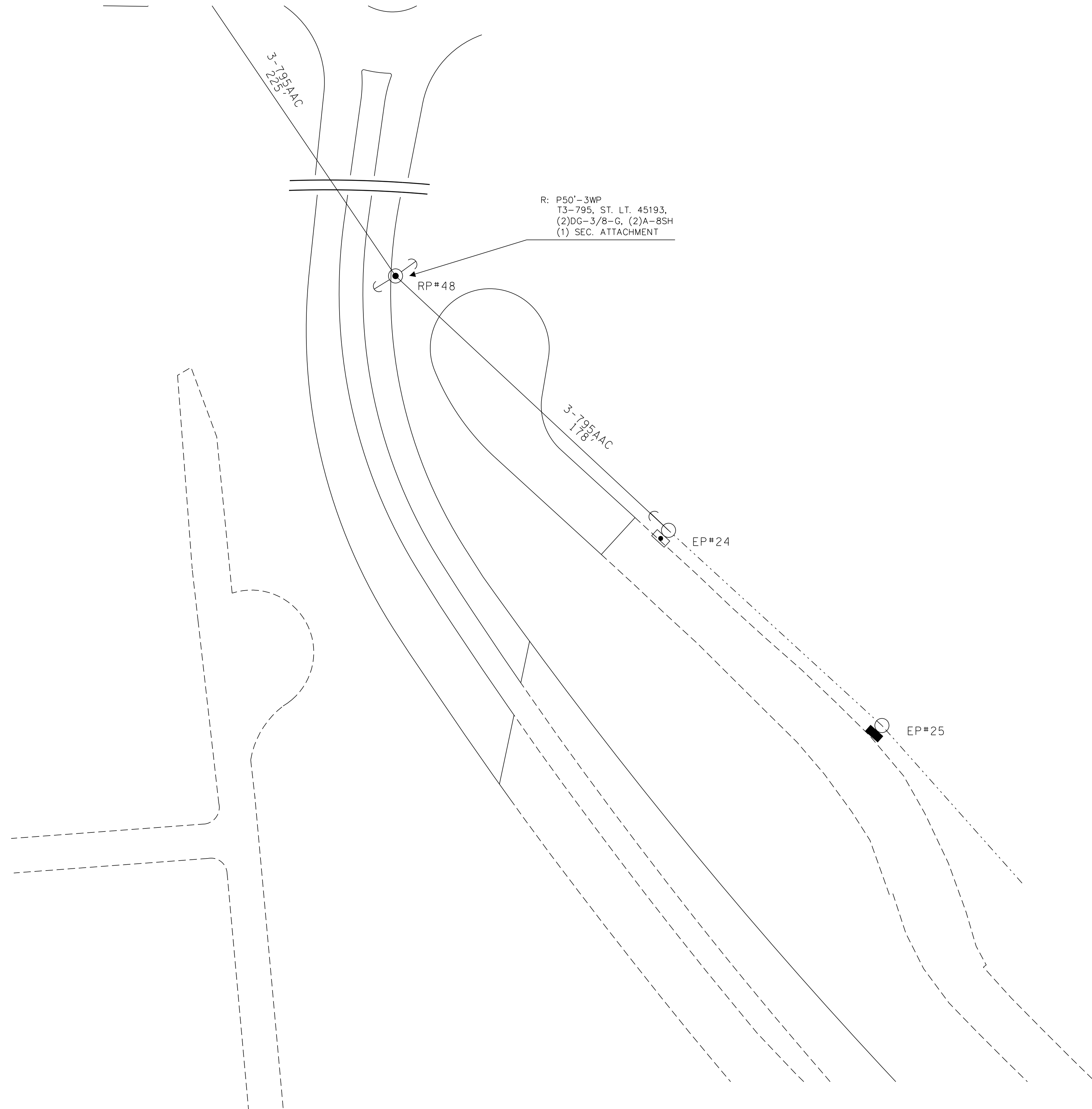
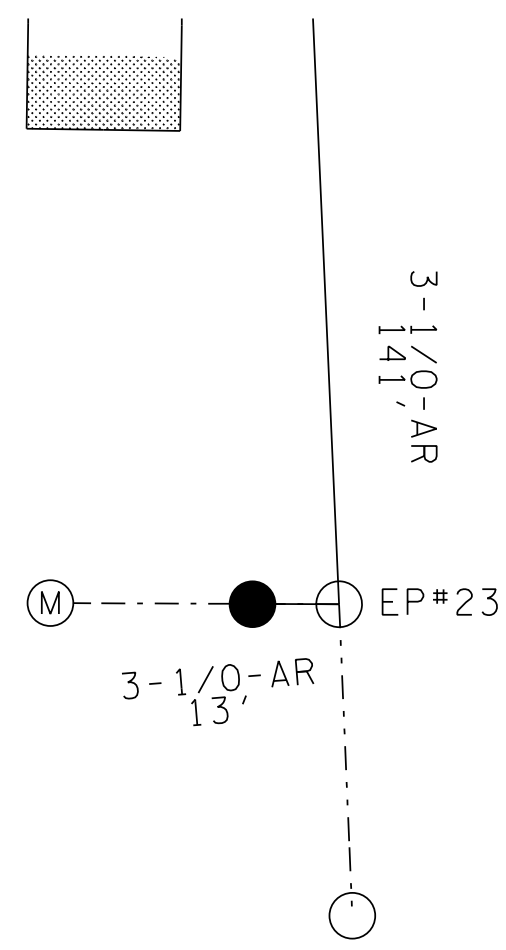
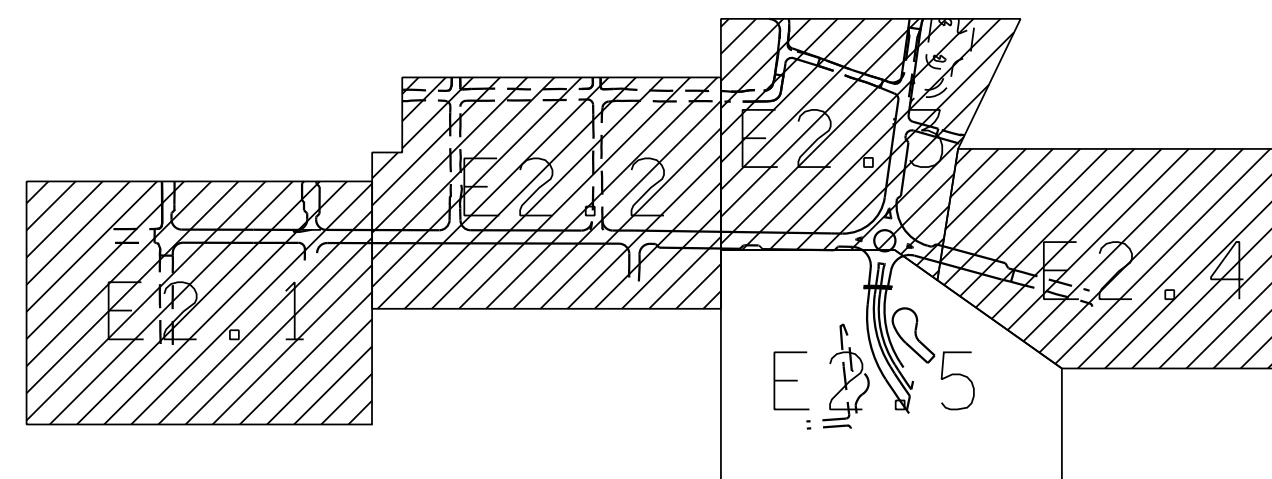
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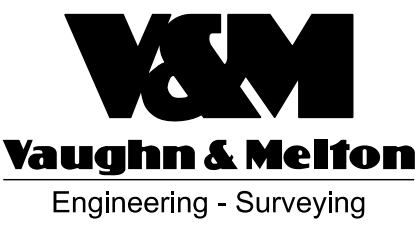


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□	EXISTING TRANSFORMER	=====	NEW UG DUCT BANK PRIMARY
◐	TRANSFORMER TO BE REMOVED OR REPLACED	-----	NEW UG SERVICE
■	NEW TRANSFORMER TO BE INSTALLED		

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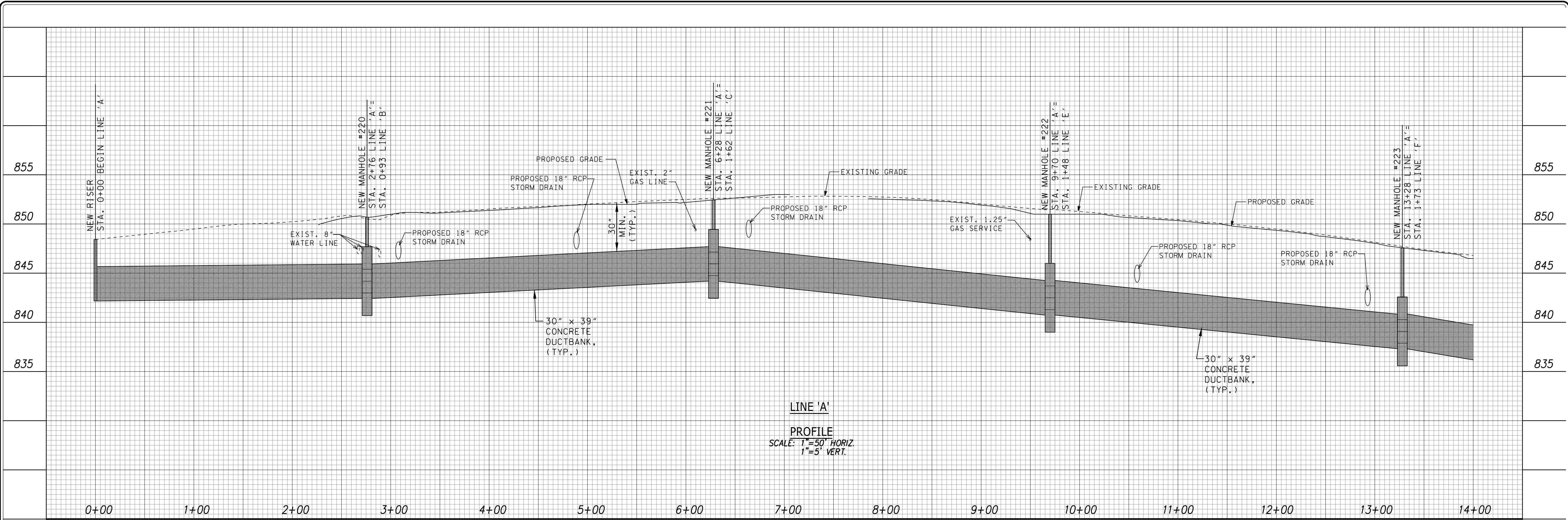
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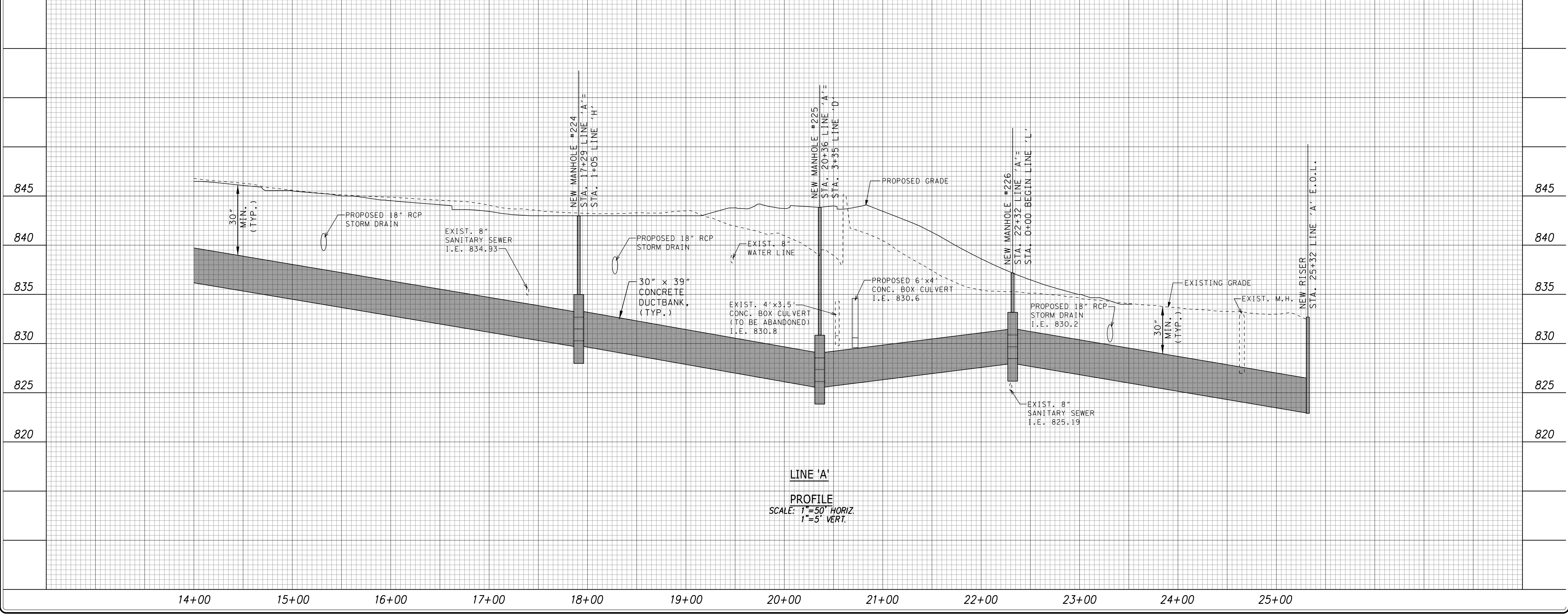
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LINE 'A'
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 SCALE: 1"=50' HORIZ.
 1"=5' VERT.



LINE 'A'
PROFILE
 SCALE: 1"=50' HORIZ.
 1"=5' VERT.

NO.	DATE	DESCRIPTION

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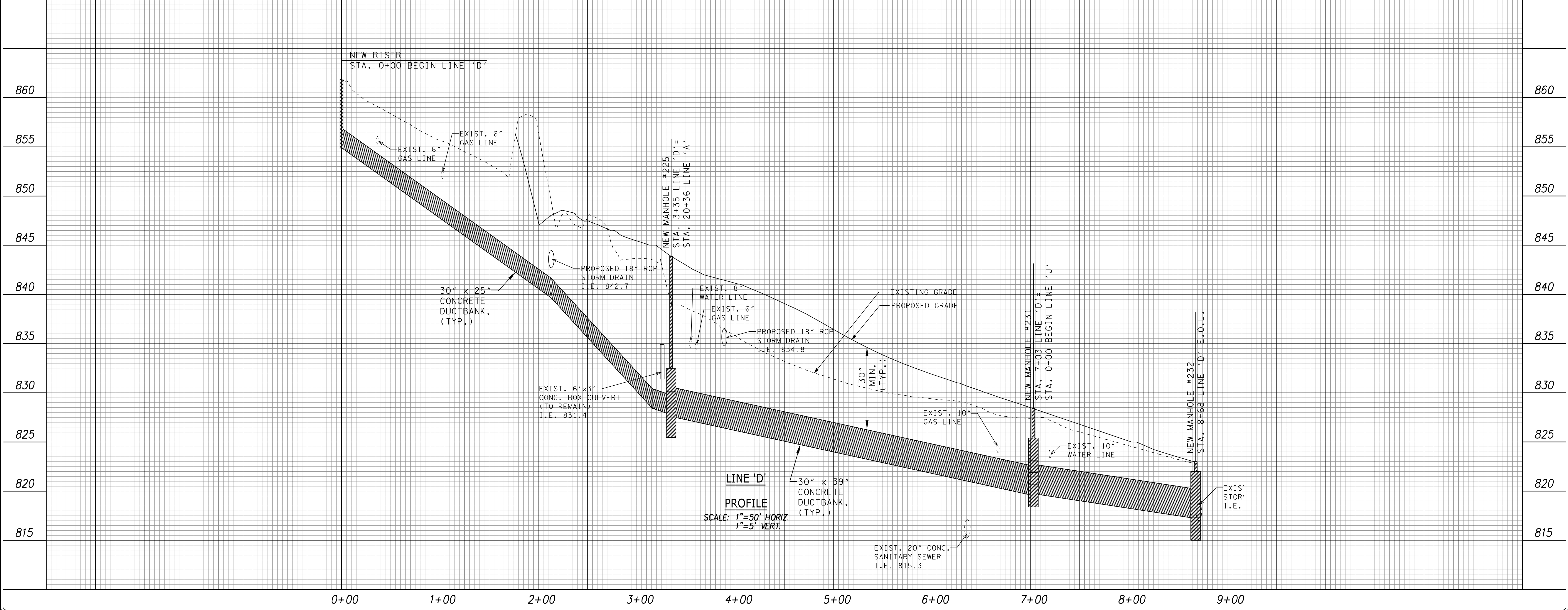
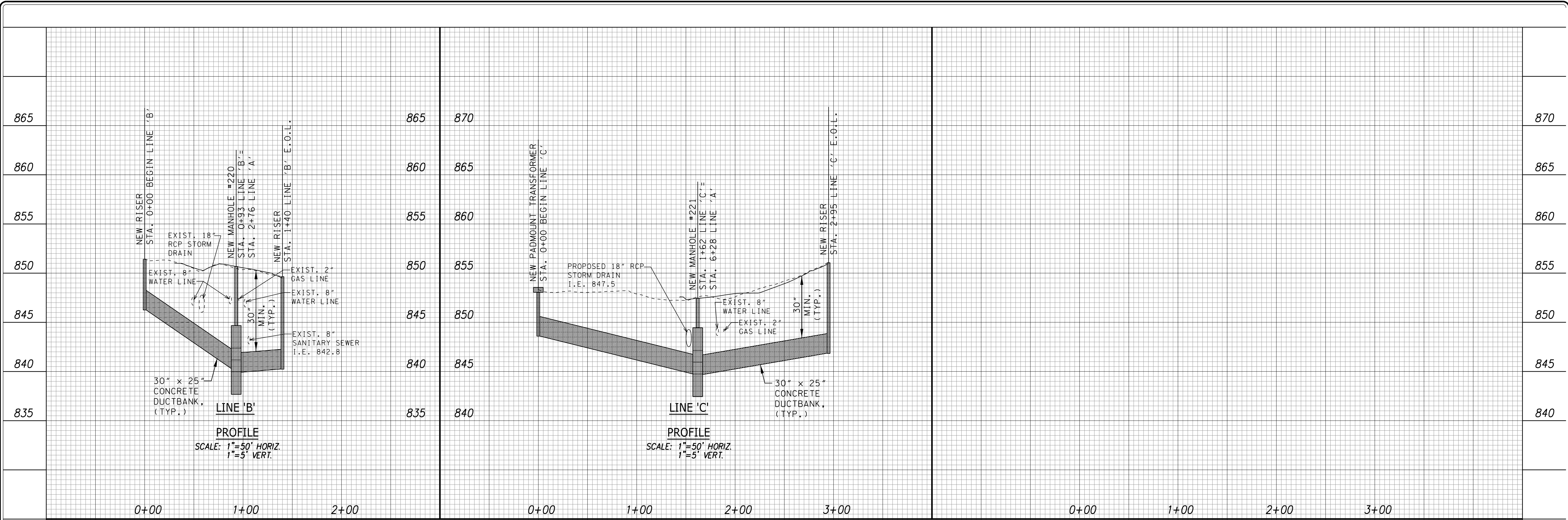
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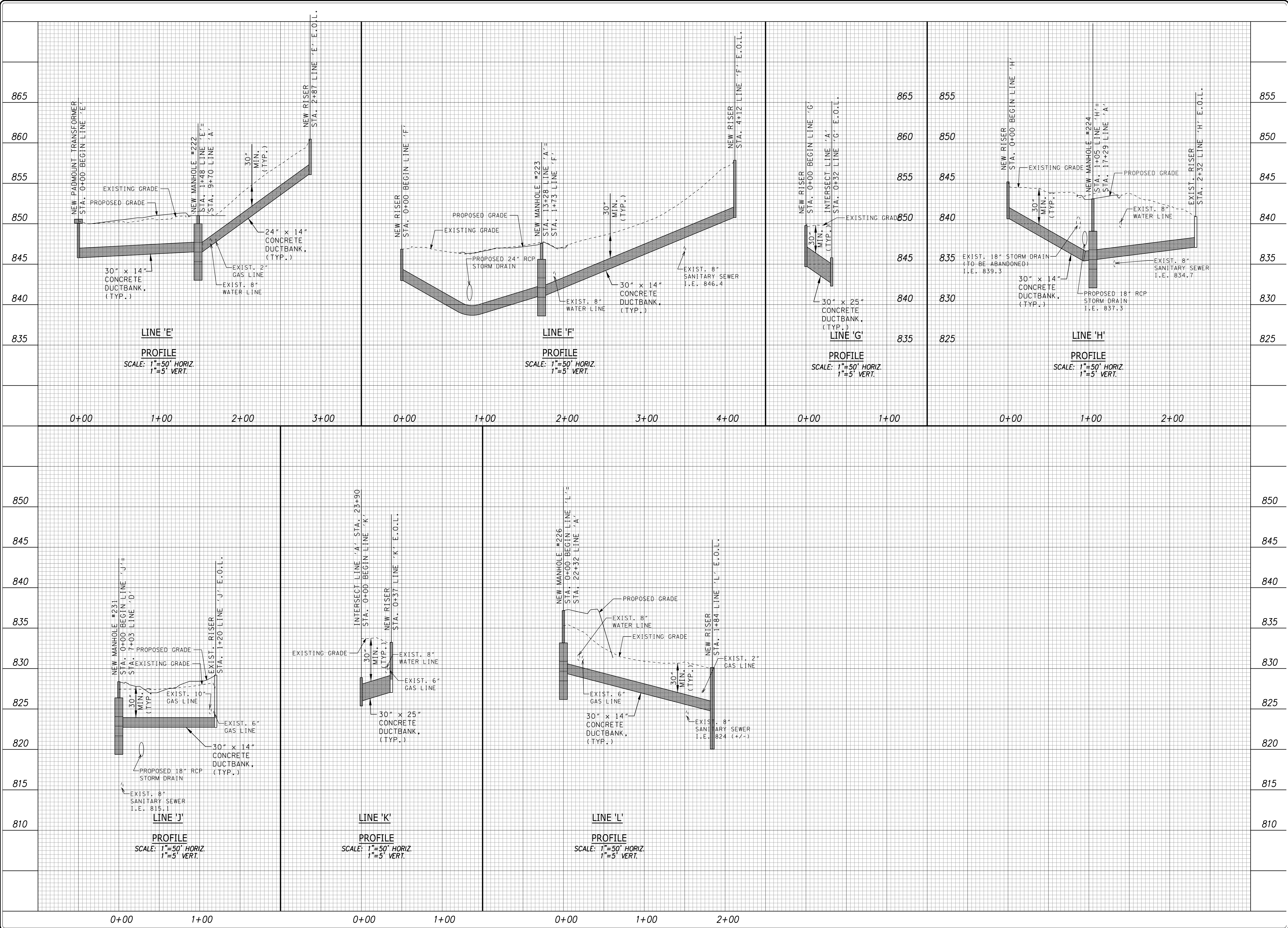
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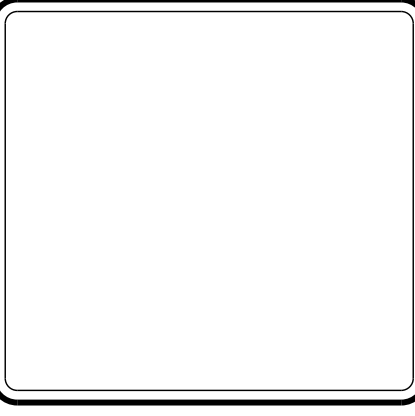
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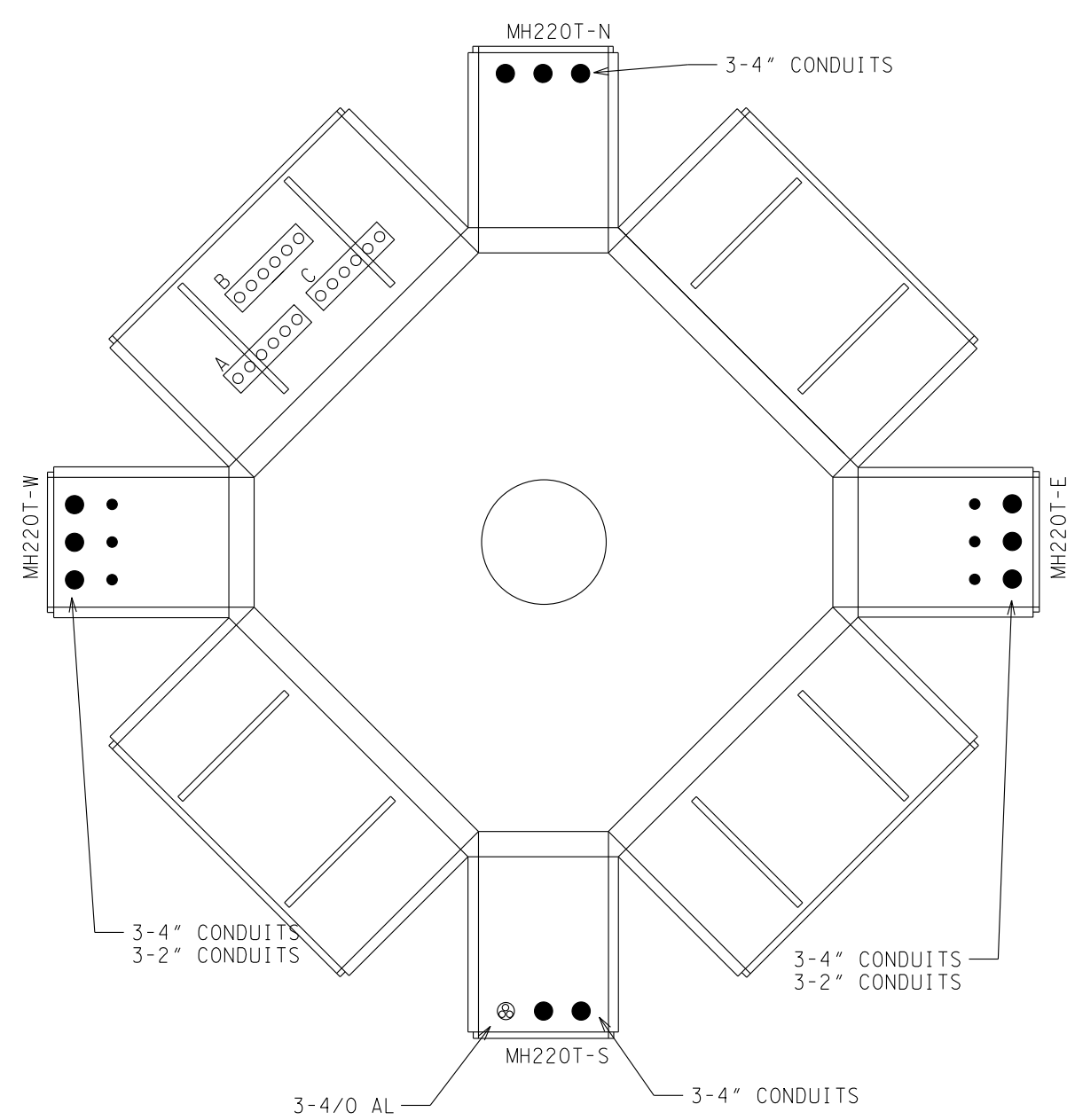


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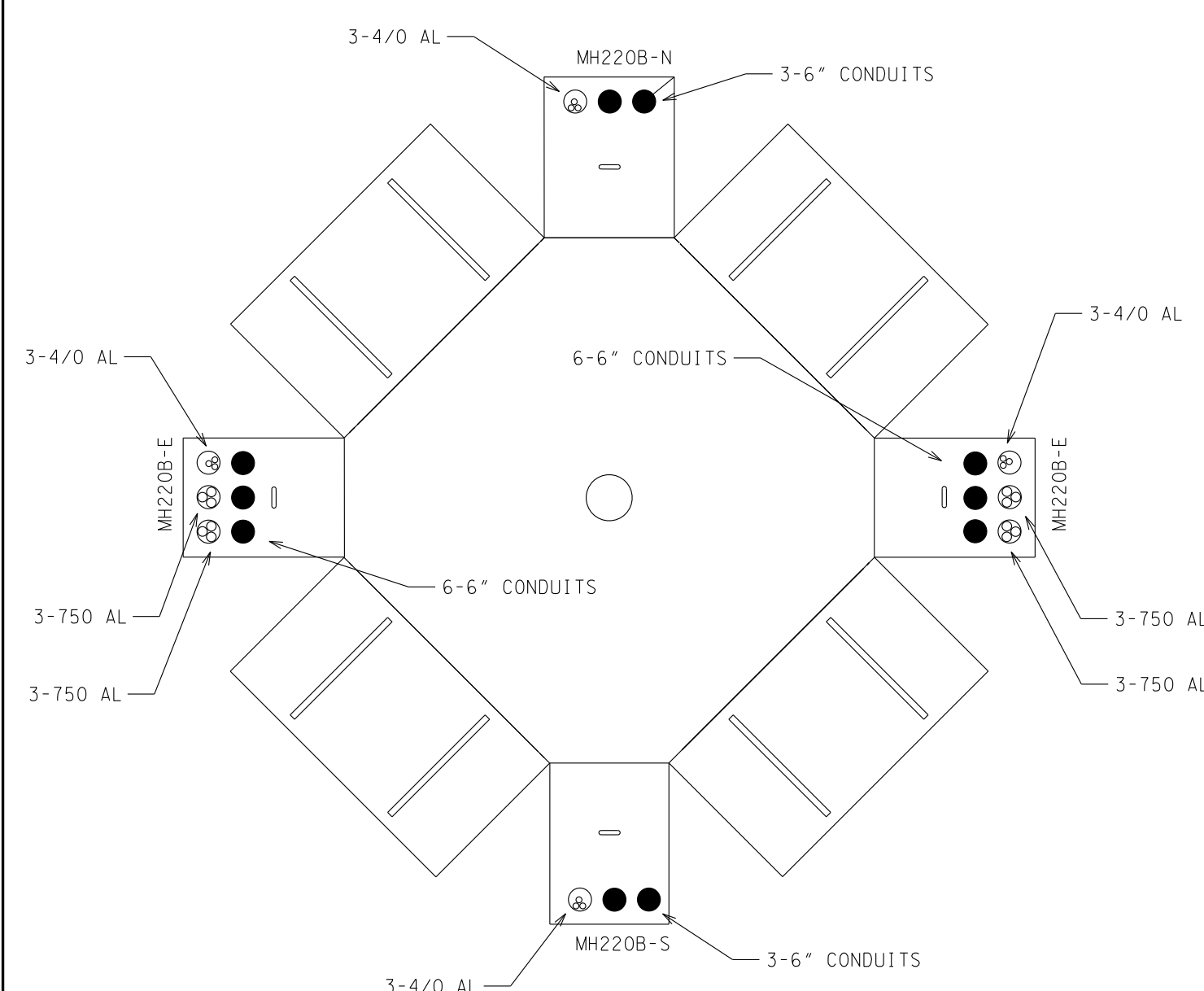
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● SPARE CONDUIT

SEE "DRAWING MH220-BOTTOM" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE.
 MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
 SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
 APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.

MH220-TOP

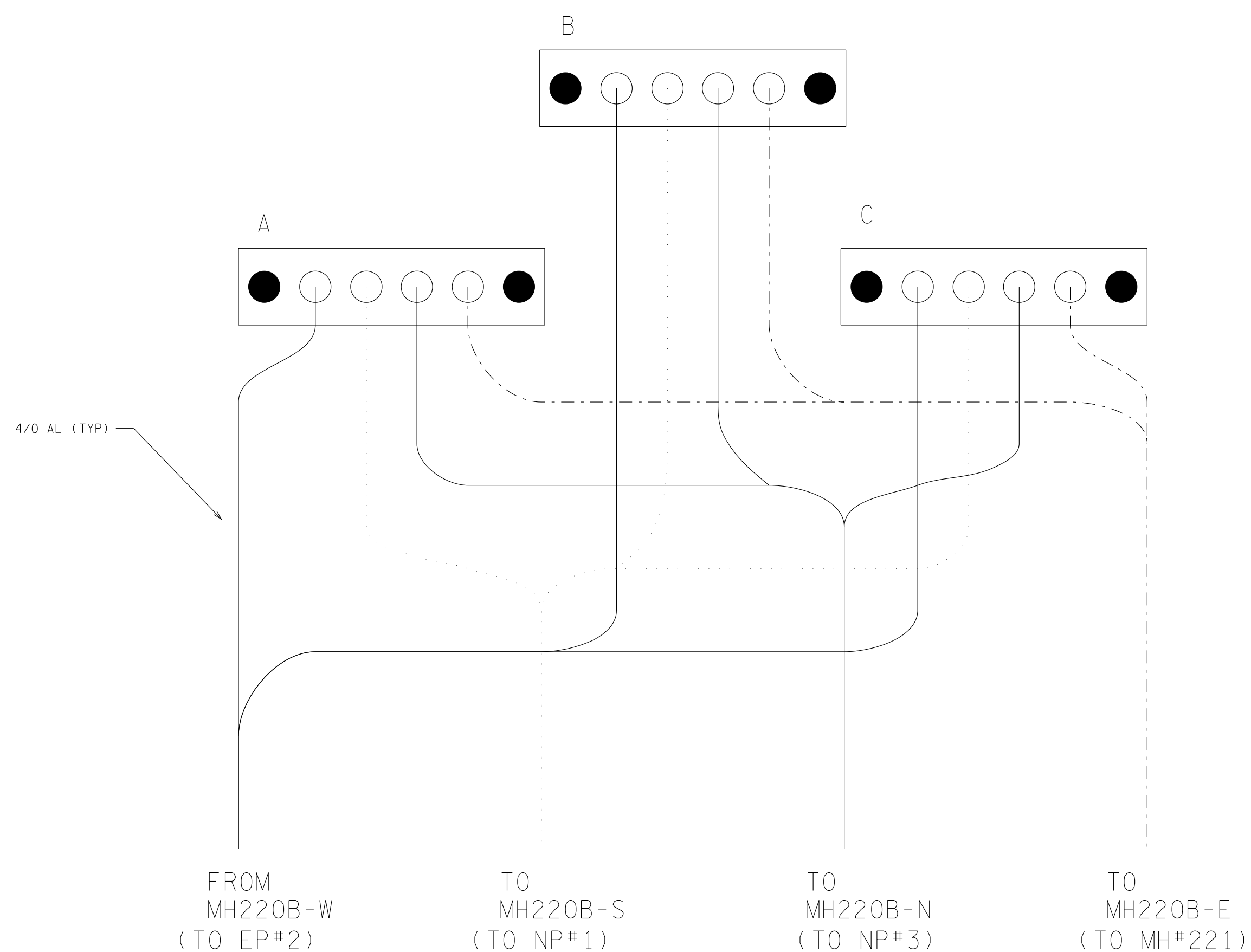


● SPARE CONDUIT

SEE "DRAWING MH220-TOP" FOR INSIDE DIMENSIONS OF THE TOP HALF OF THIS MANHOLE.
 MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
 SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
 APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

MH220-BOTTOM

MANHOLE #220
200A JUNCTION TERMINATIONS



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NO.	DATE

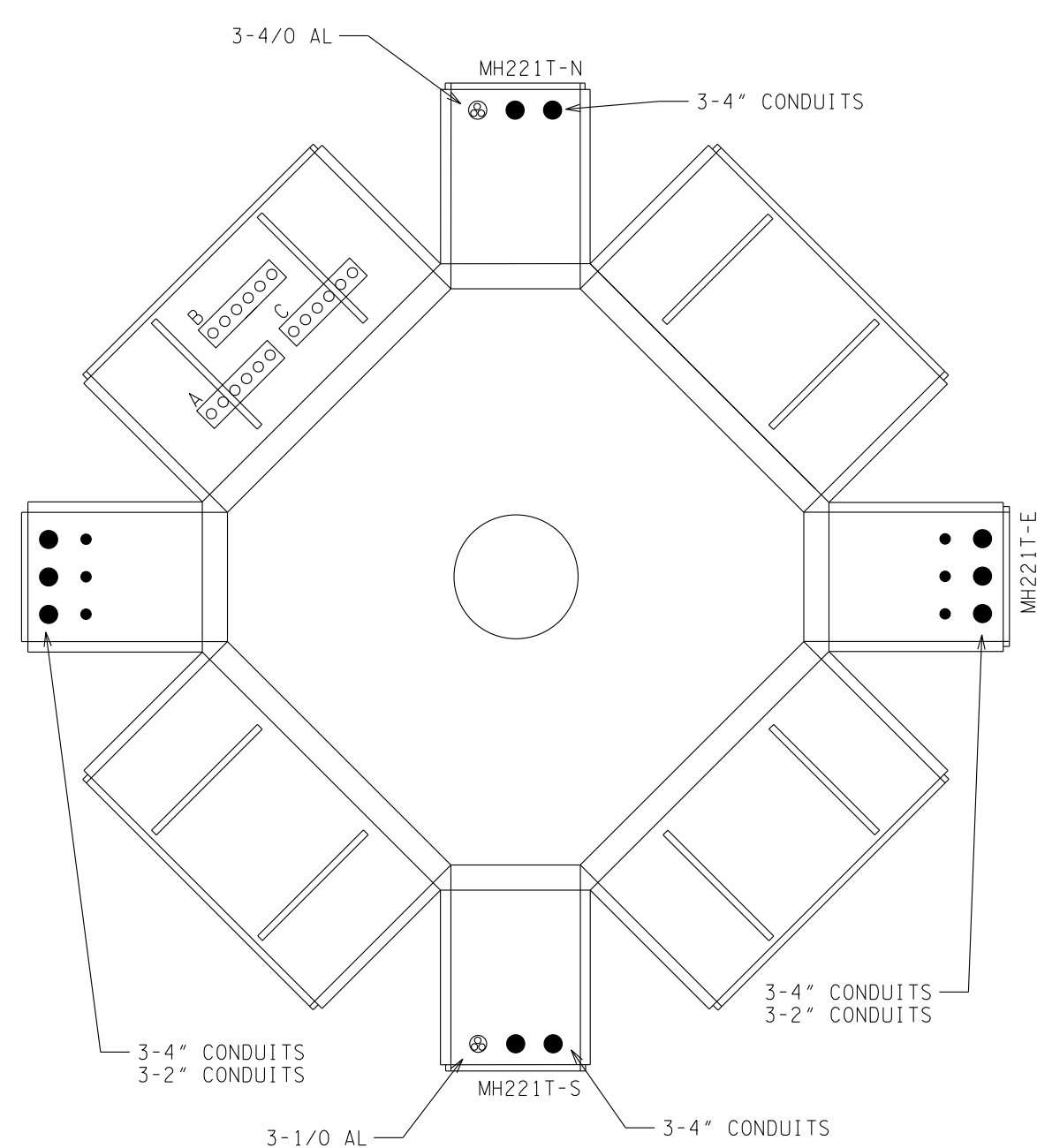
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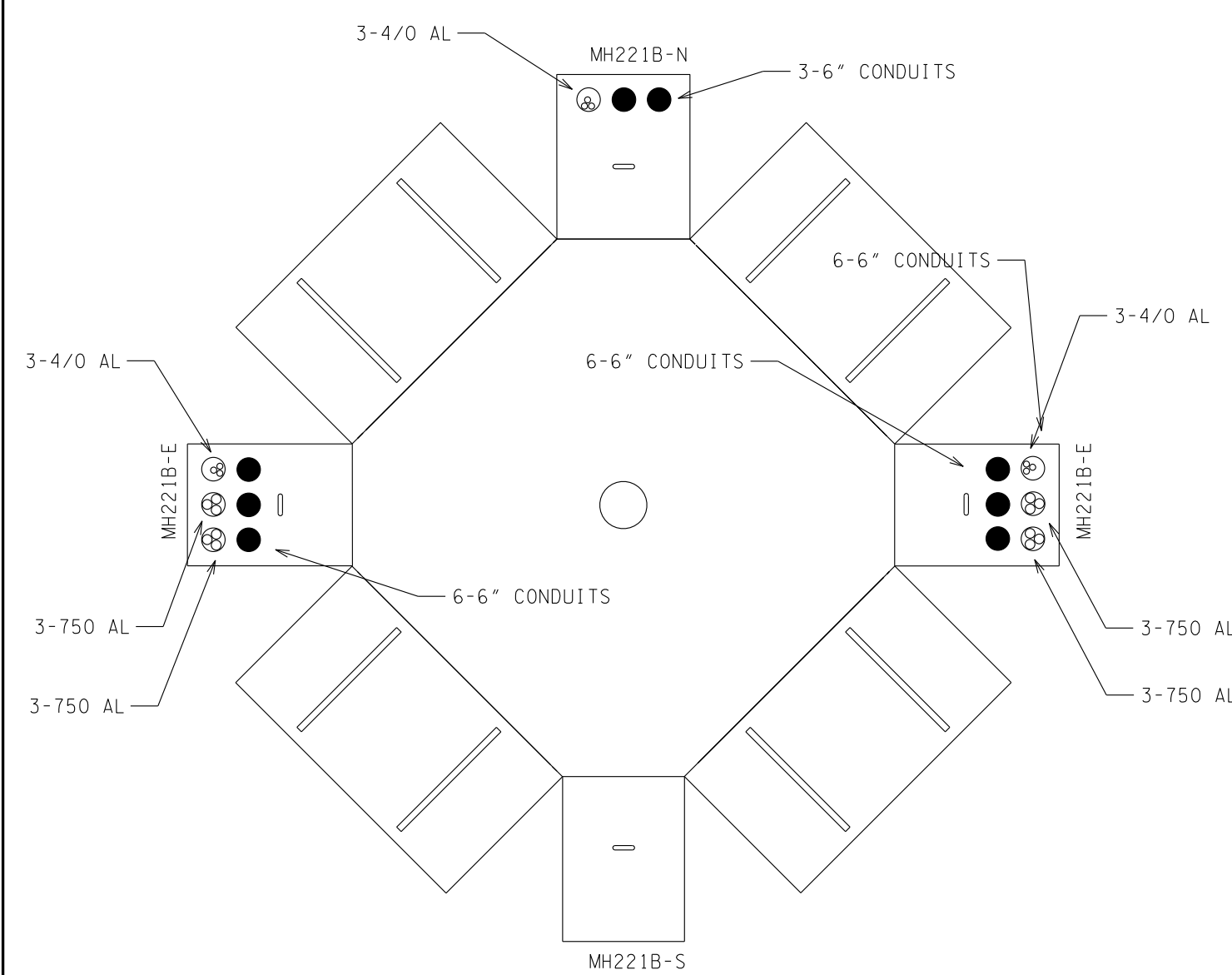
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SEE "DRAWING MH221 BOTTOM" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE.
 MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
 SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
 APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.

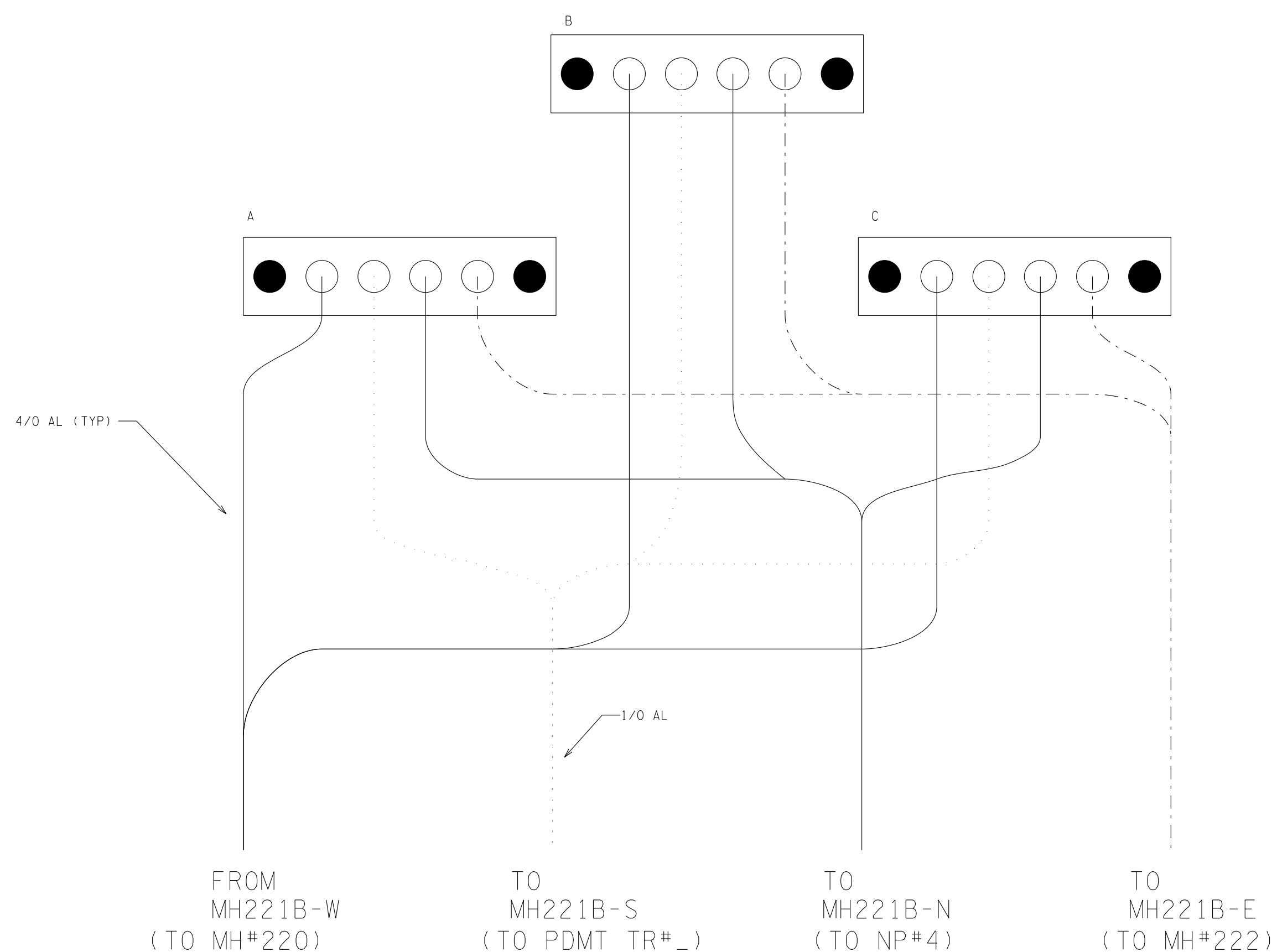
MH221-TOP



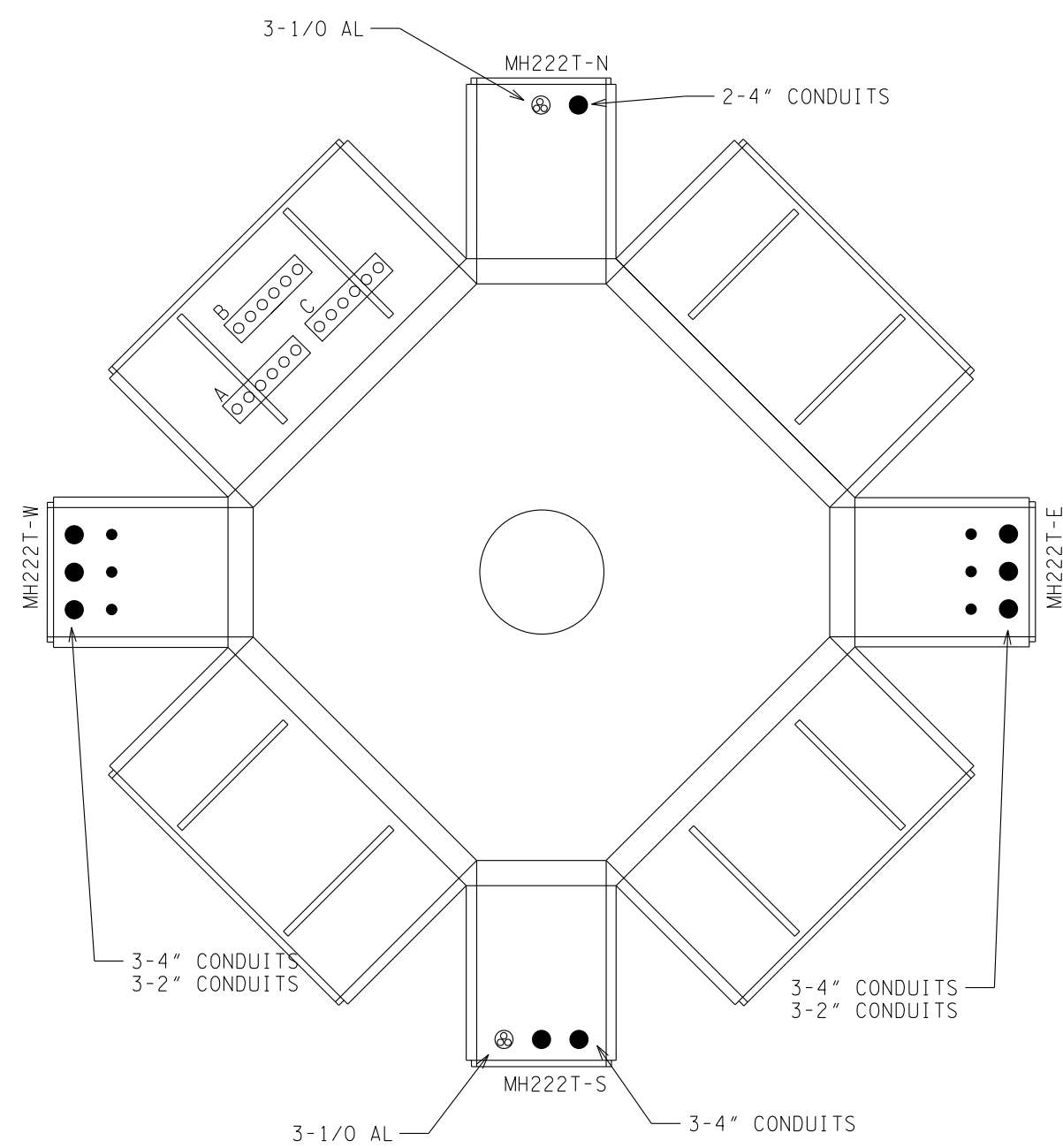
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 SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
 APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

MH221-BOTTOM

MANHOLE #221
200A JUNCTION TERMINATIONS



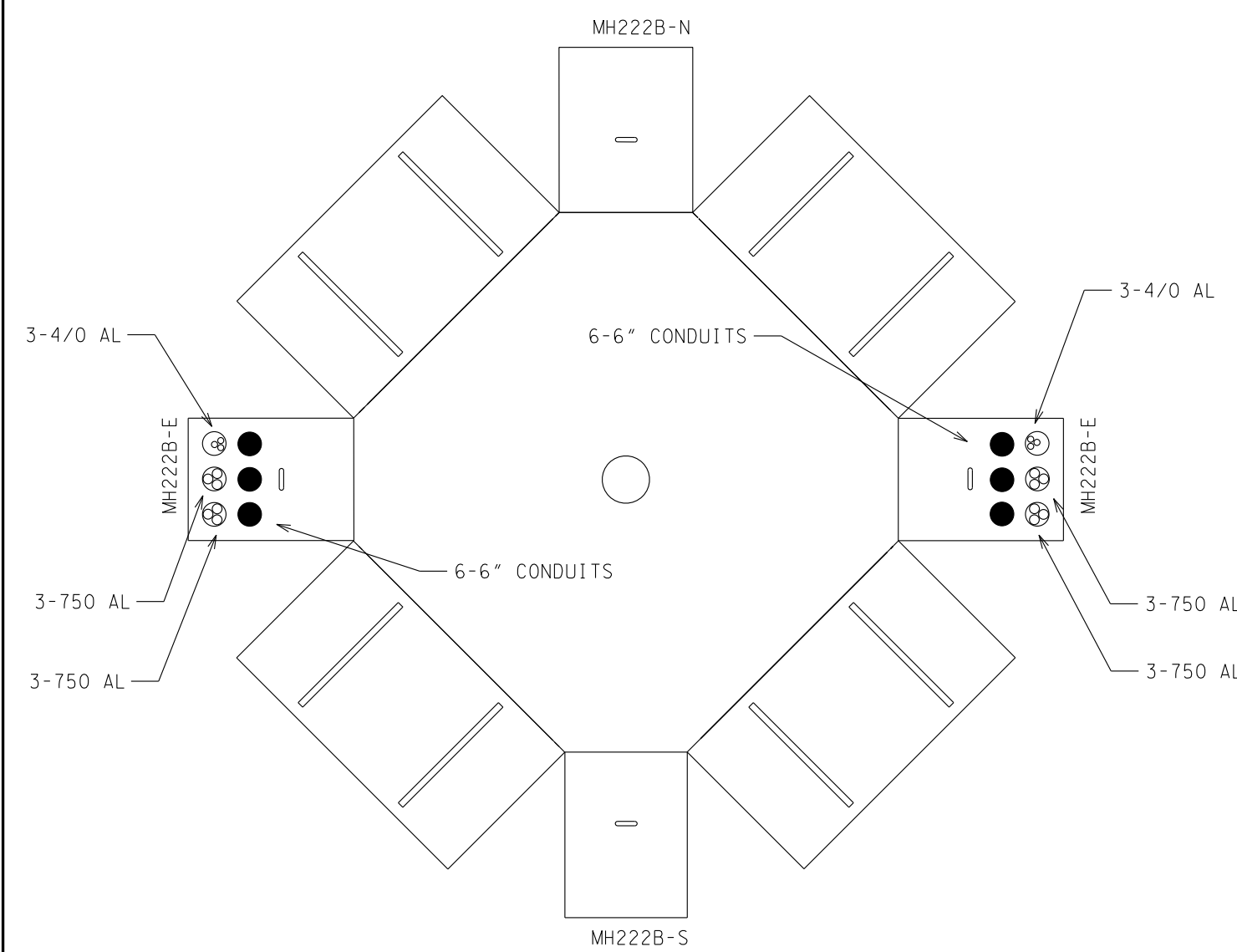
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● SPARE CONDUIT

SEE "DRAWING MH222-BOTTOM" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE.
MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.

MH222-TOP

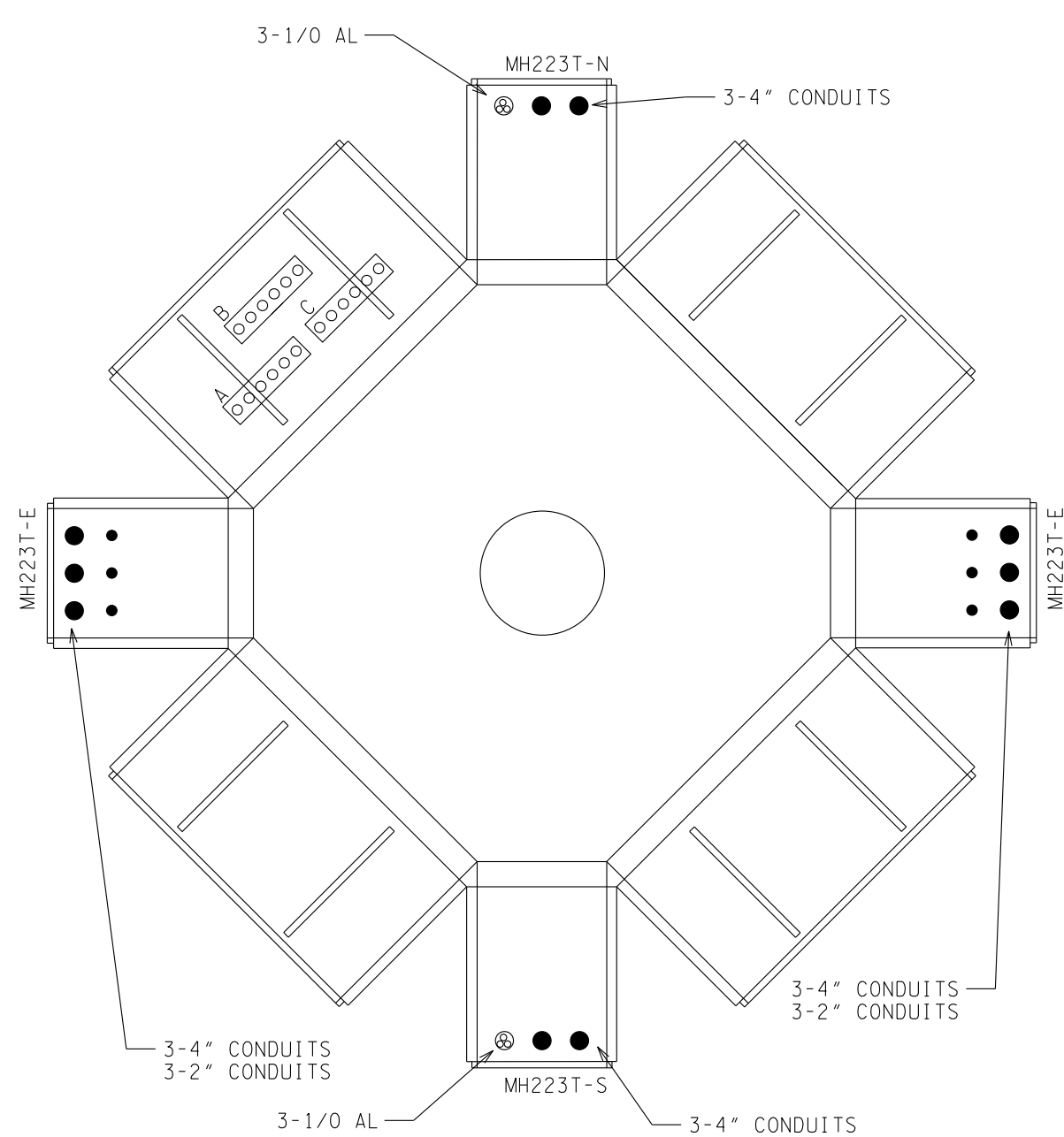
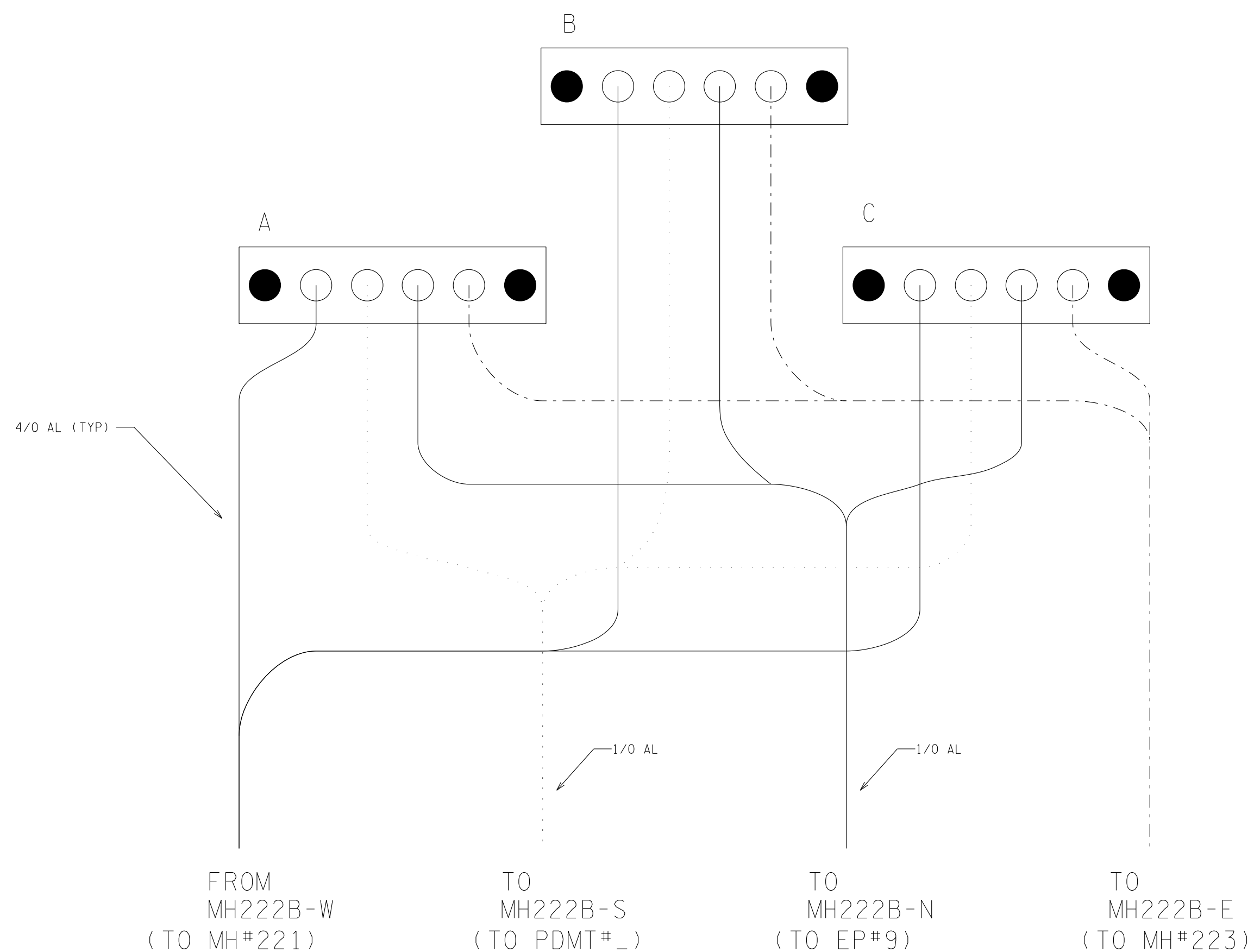


● SPARE CONDUIT

SEE "DRAWING MH222-TOP" FOR INSIDE DIMENSIONS OF THE TOP HALF OF THIS MANHOLE.
MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

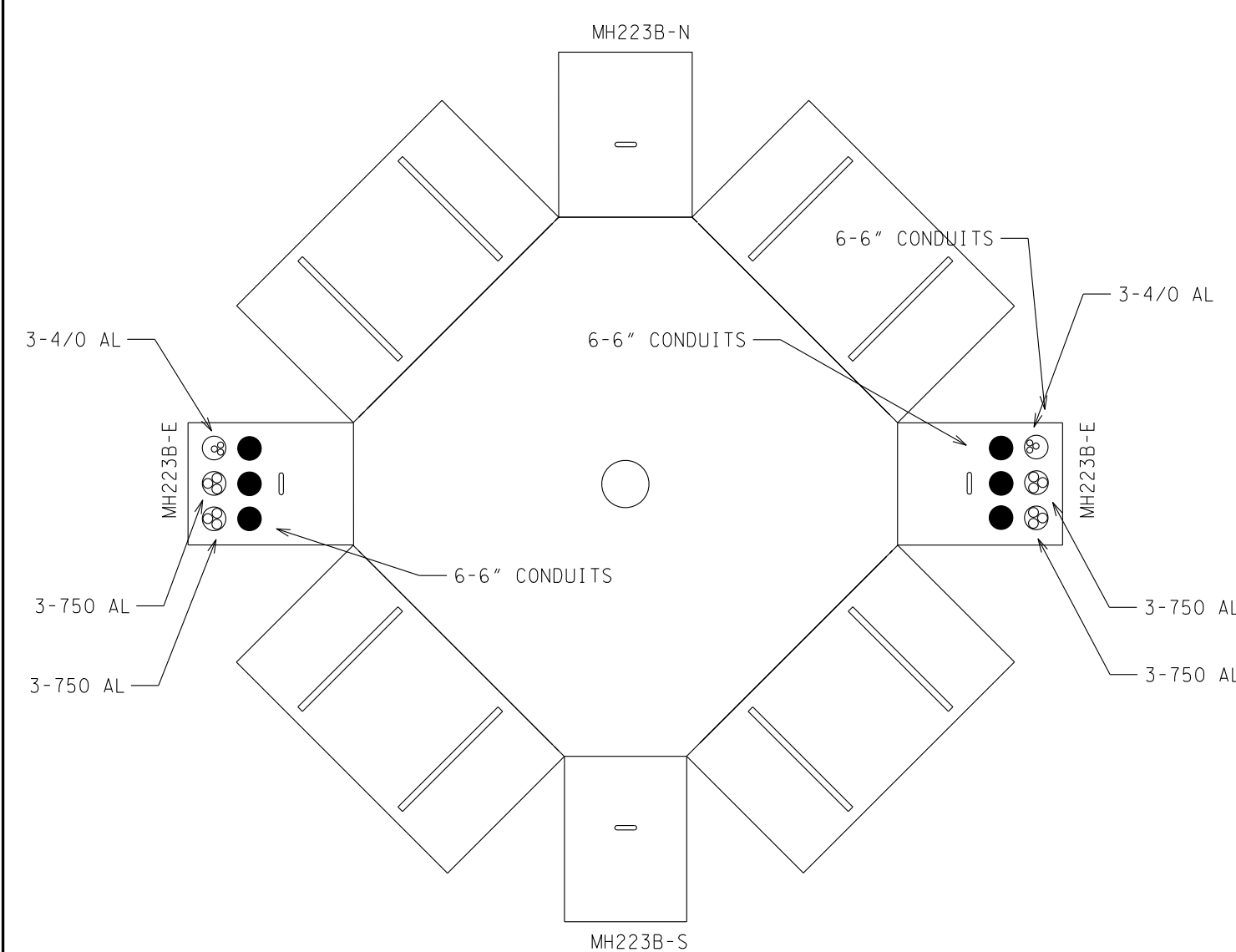
MH222-BOTTOM

MANHOLE #222
200A JUNCTION TERMINATIONS



SEE "DRAWING MH223 BOTTOM" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE.
MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.

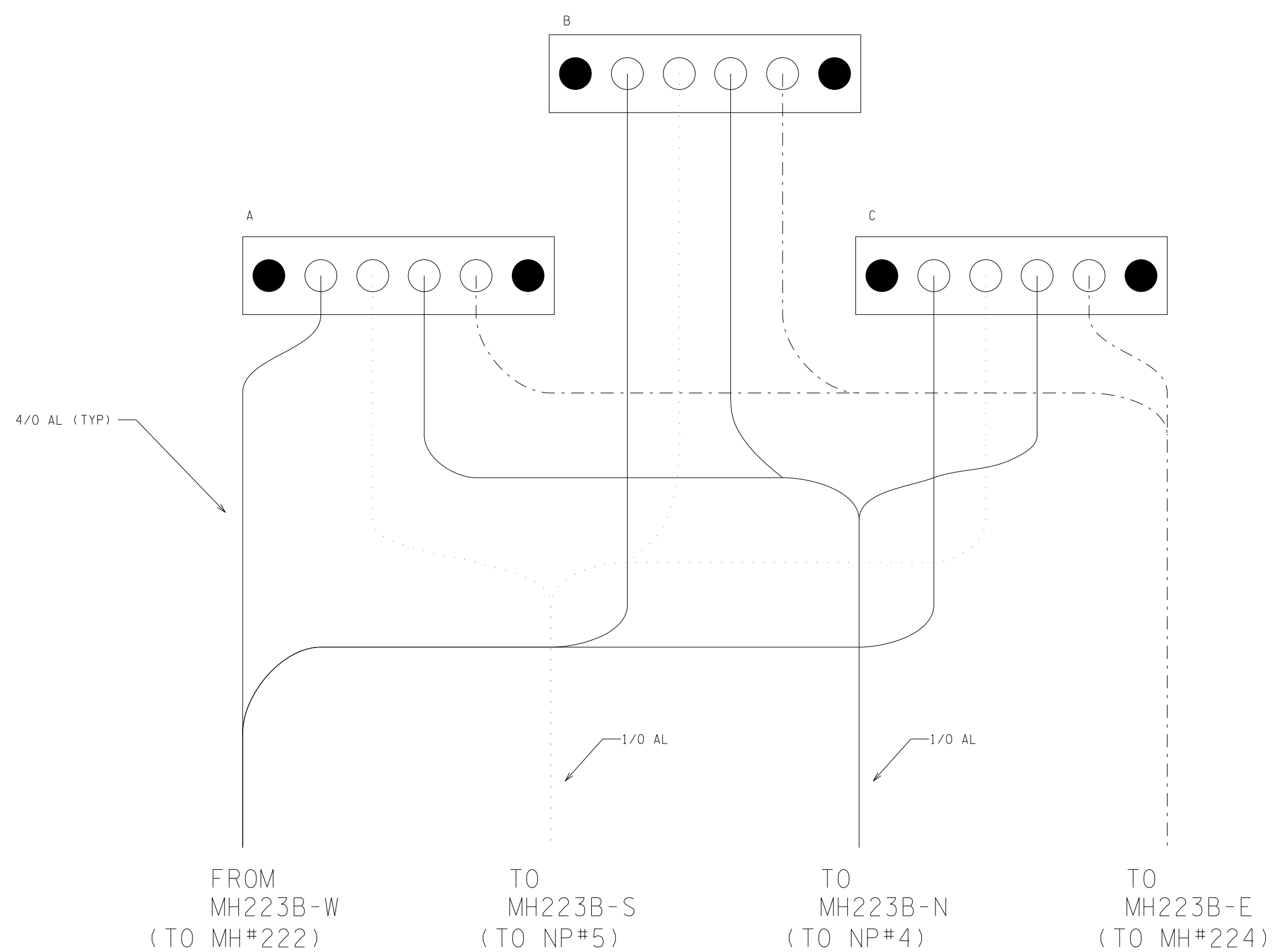
MH223-TOP



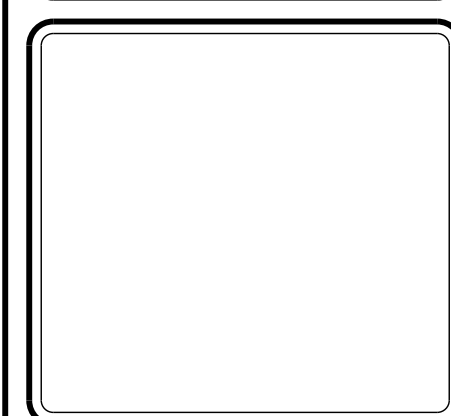
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SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

MH223-BOTTOM

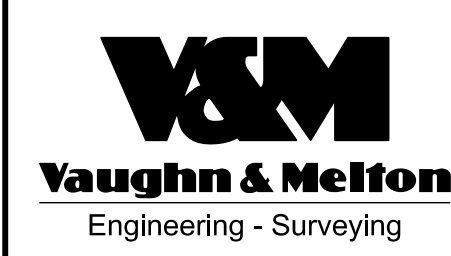
MANHOLE #223
200A JUNCTION TERMINATIONS



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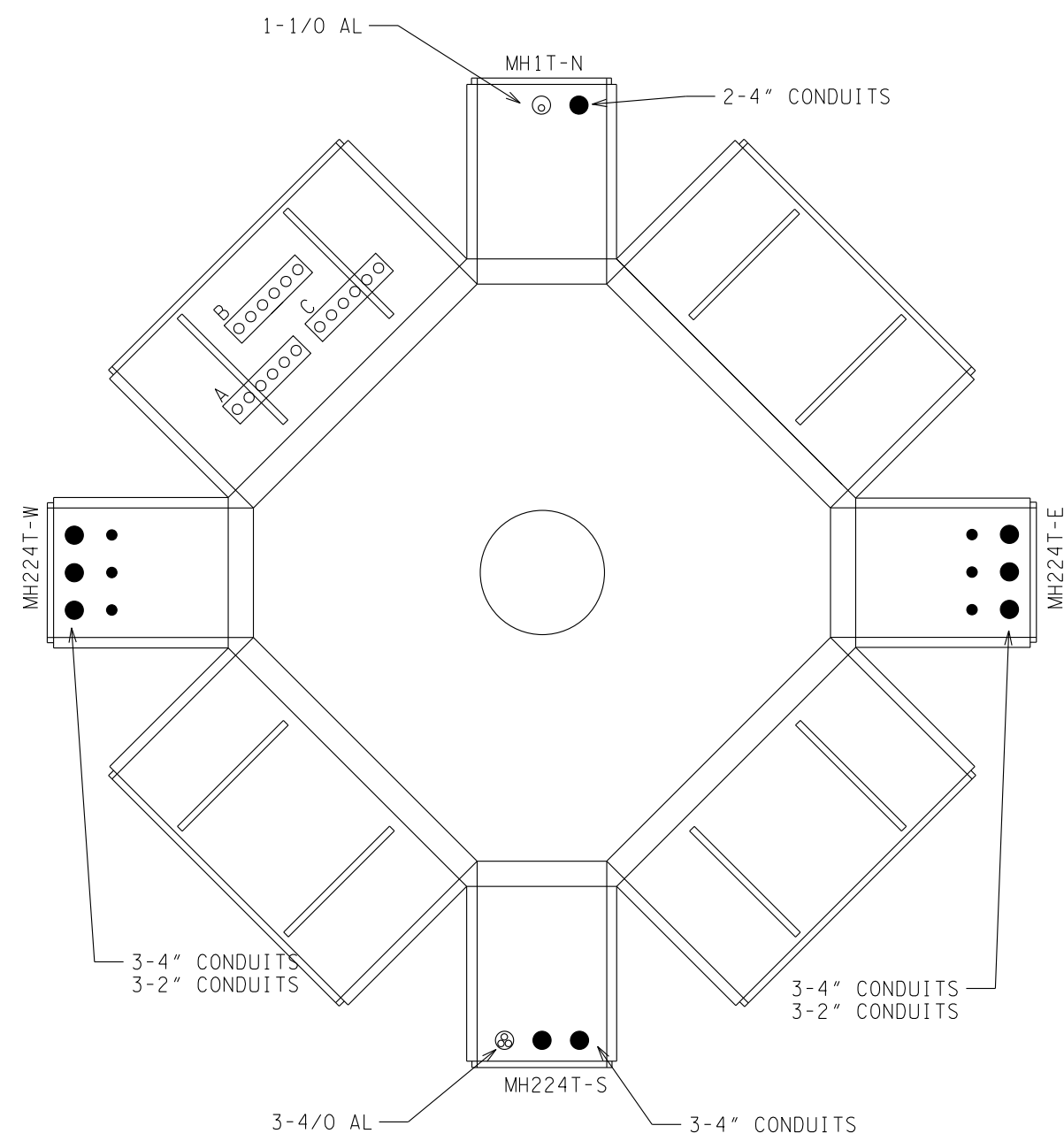
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SCALE: AS SHOWN
DATE: 07-01-16
FILE NAME:
DRAWING TITLE:
ELECTRICAL DETAILS INSTALL
DWG OF
DRAWING NO: E4.2

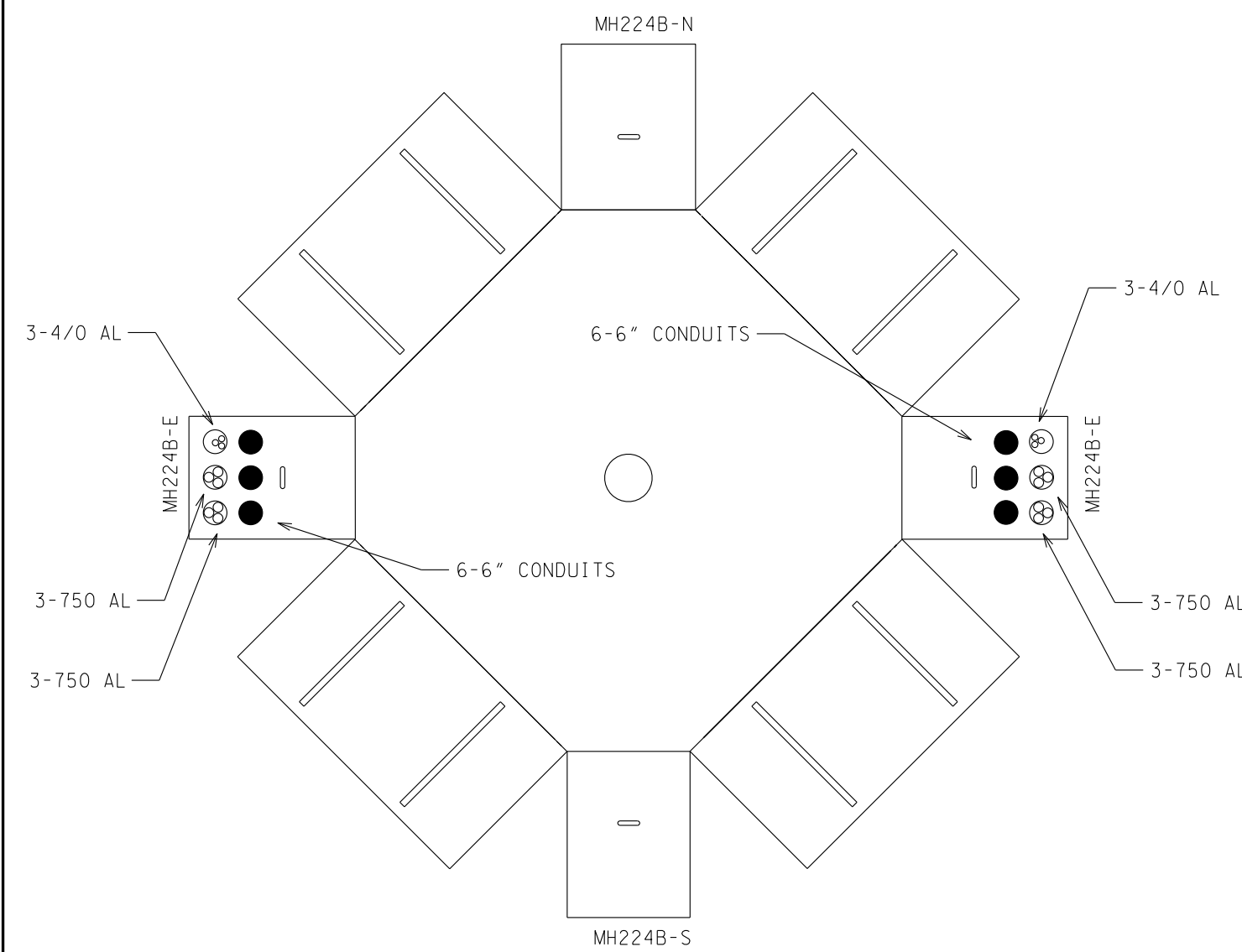
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● SPARE CONDUIT

SEE "DRAWING MH224-BOTTOM" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE.
MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.

MH224-TOP

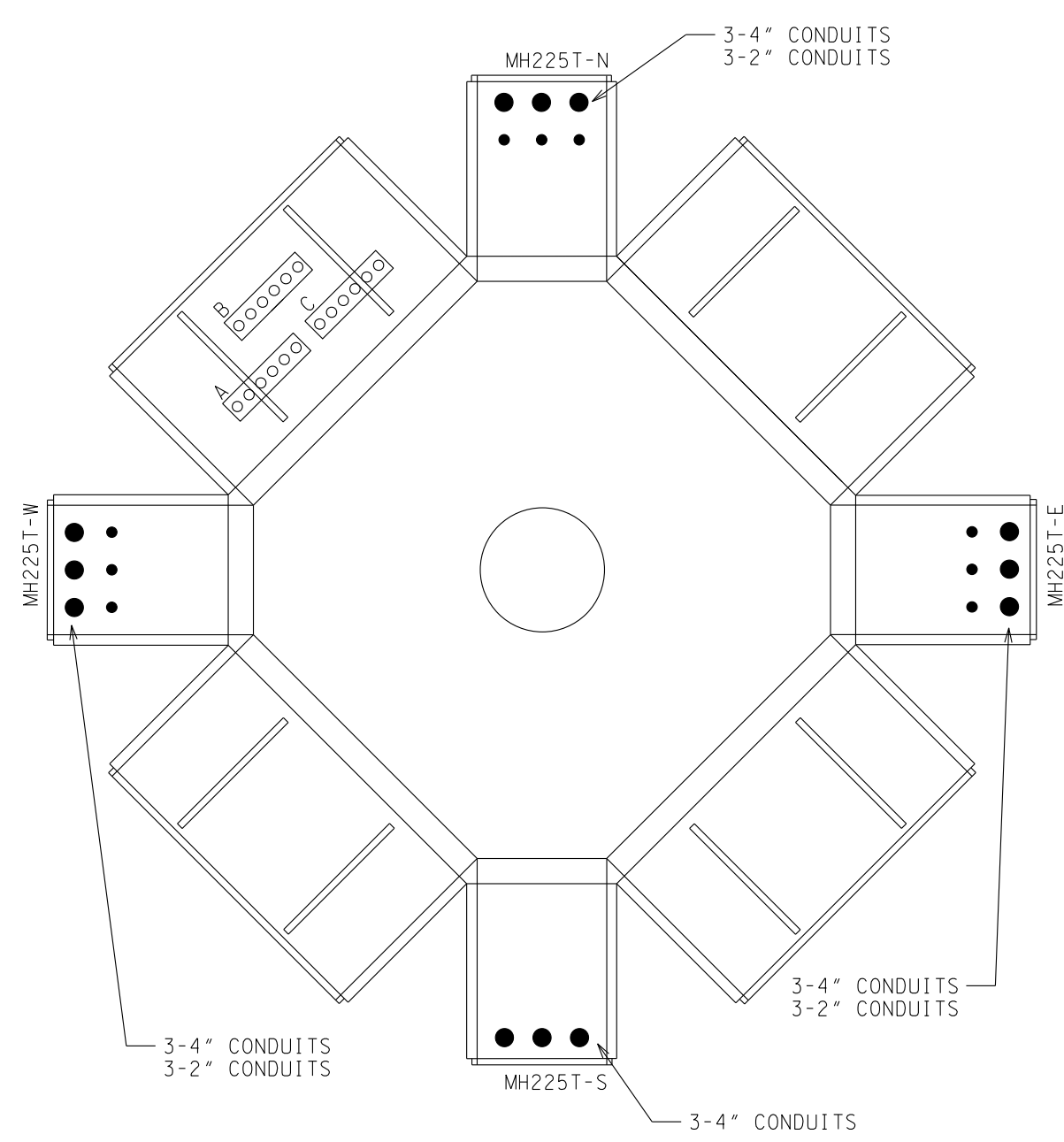
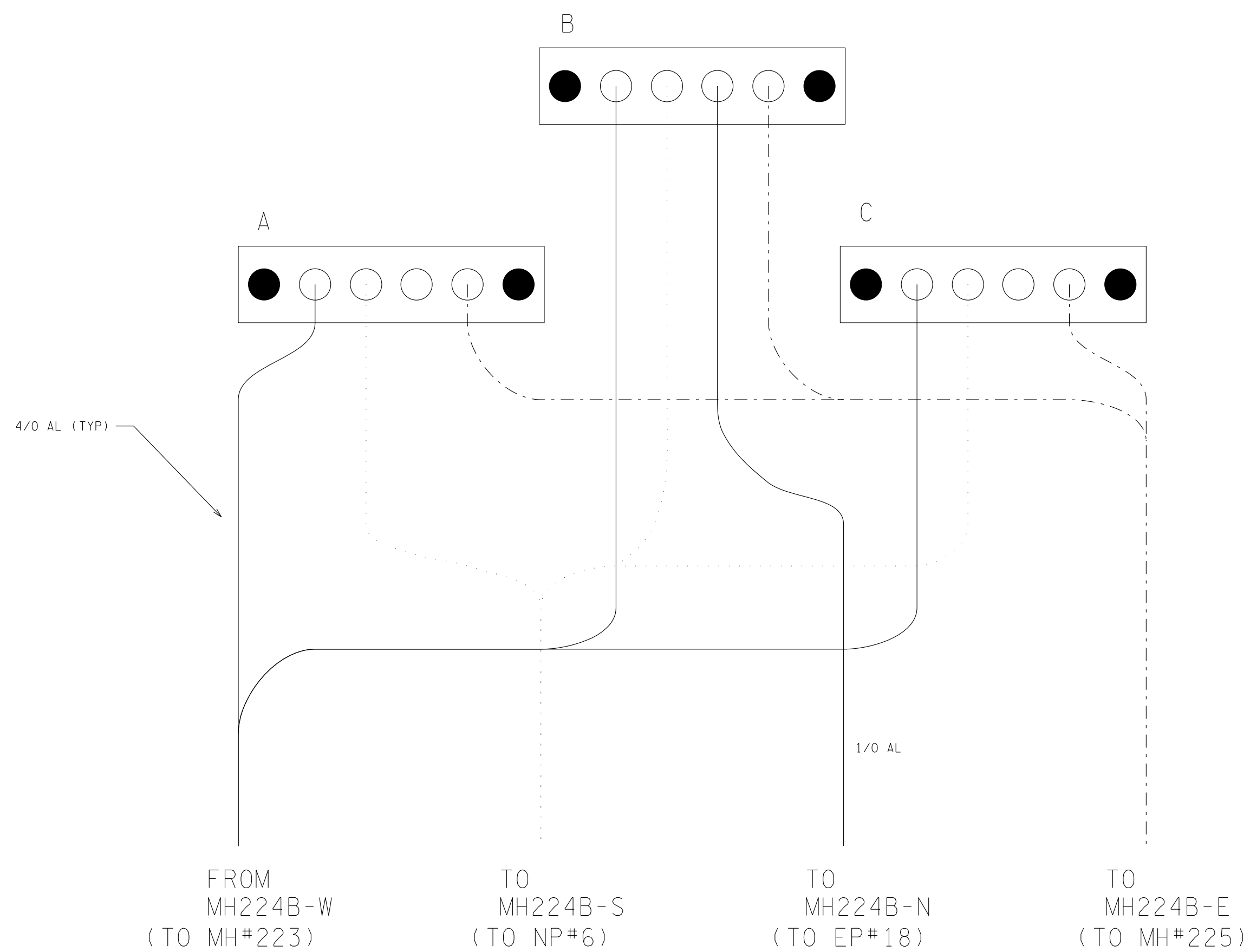


● SPARE CONDUIT

SEE "DRAWING MH224-TOP" FOR INSIDE DIMENSIONS OF THE TOP HALF OF THIS MANHOLE.
MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

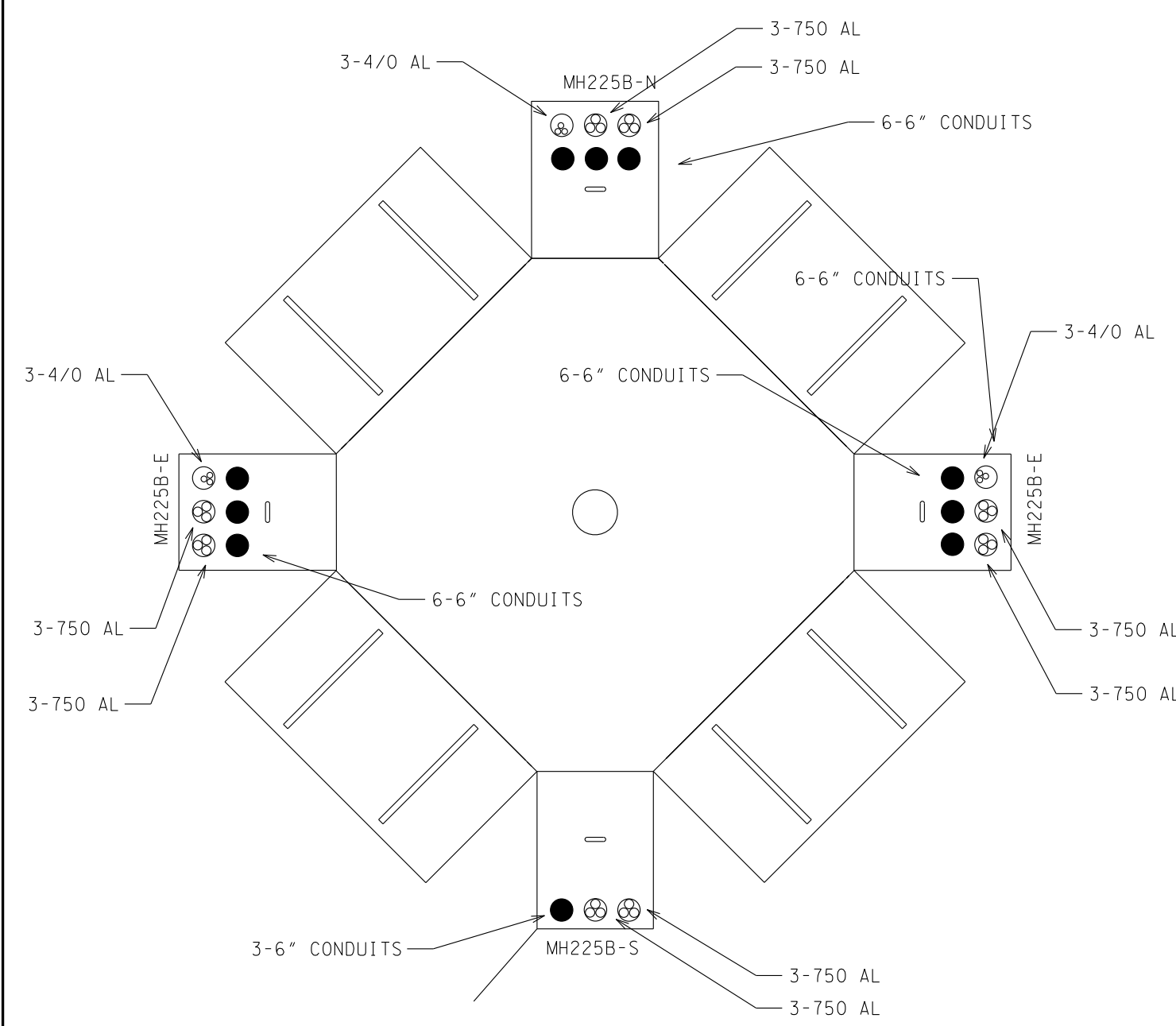
MH224-BOTTOM

MANHOLE #224
200A JUNCTION TERMINATIONS



SEE "DRAWING MH225-BOTTOM" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE.
MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.

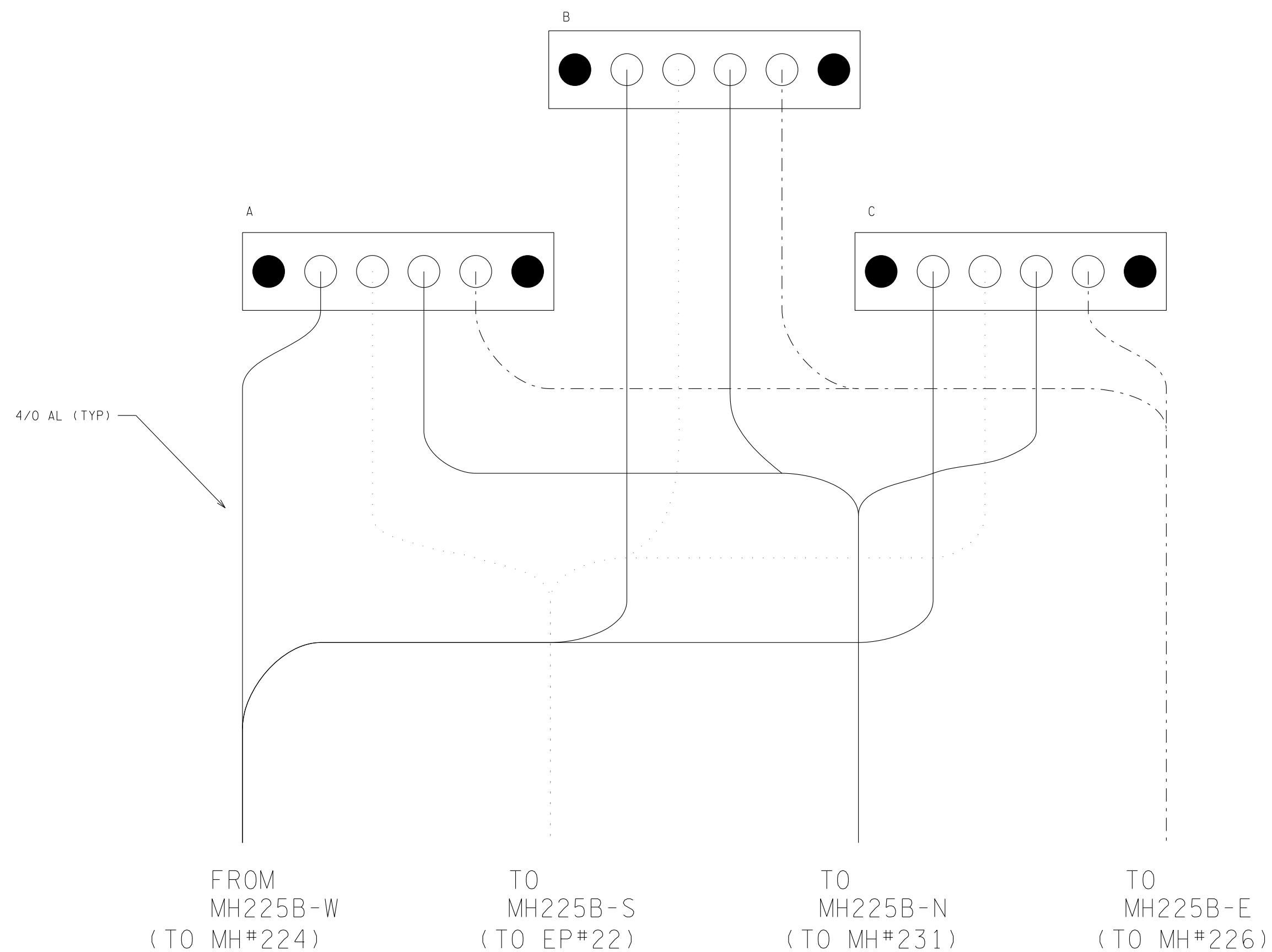
MH225-TOP



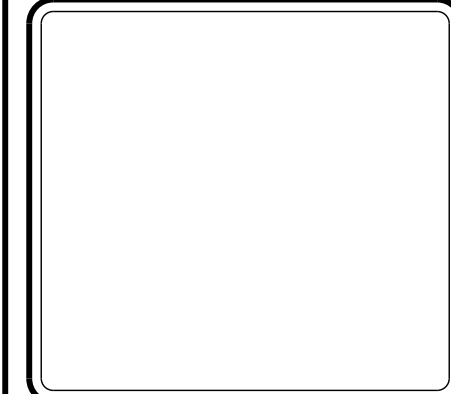
SEE "DRAWING MH225-TOP" FOR INSIDE DIMENSIONS OF THE TOP HALF OF THIS MANHOLE.
MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

MH225-BOTTOM

MANHOLE #225
200A JUNCTION TERMINATIONS



NO.	DATE	DESCRIPTION



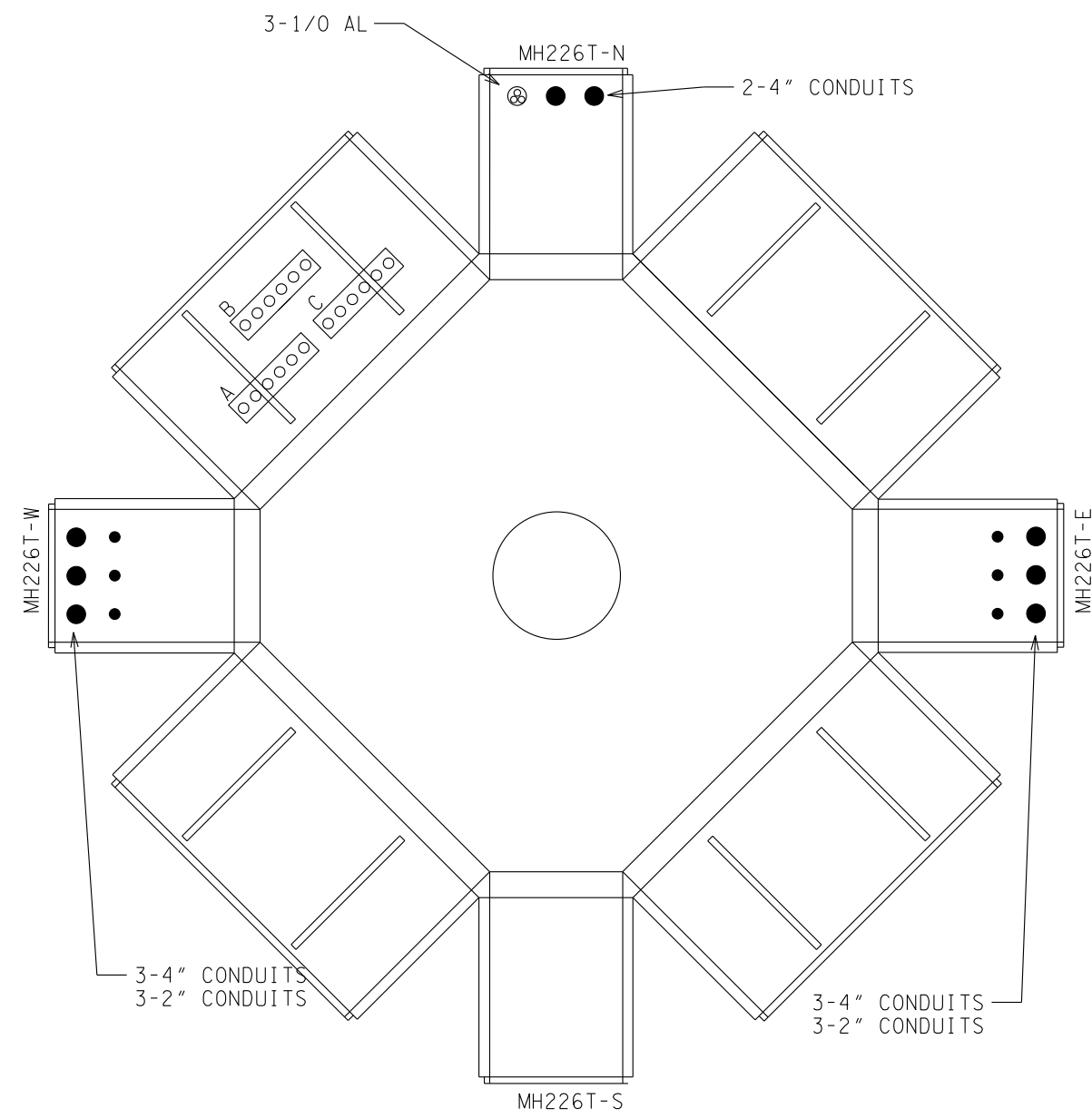
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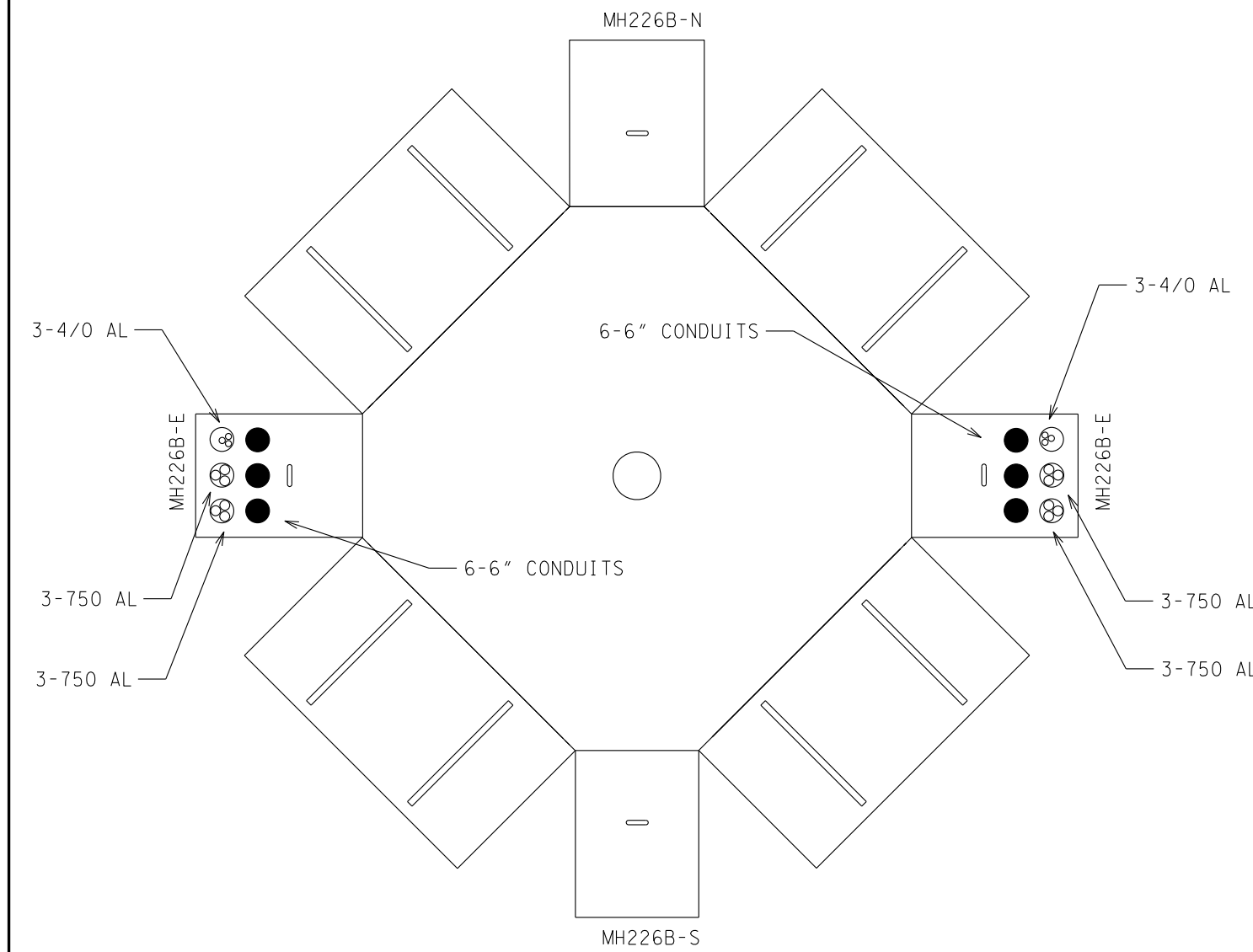
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DRAWING NO: E4.3

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● SPARE CONDUIT

SEE "DRAWING MH226-BOTTOM" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE.
 MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
 SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
 APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.



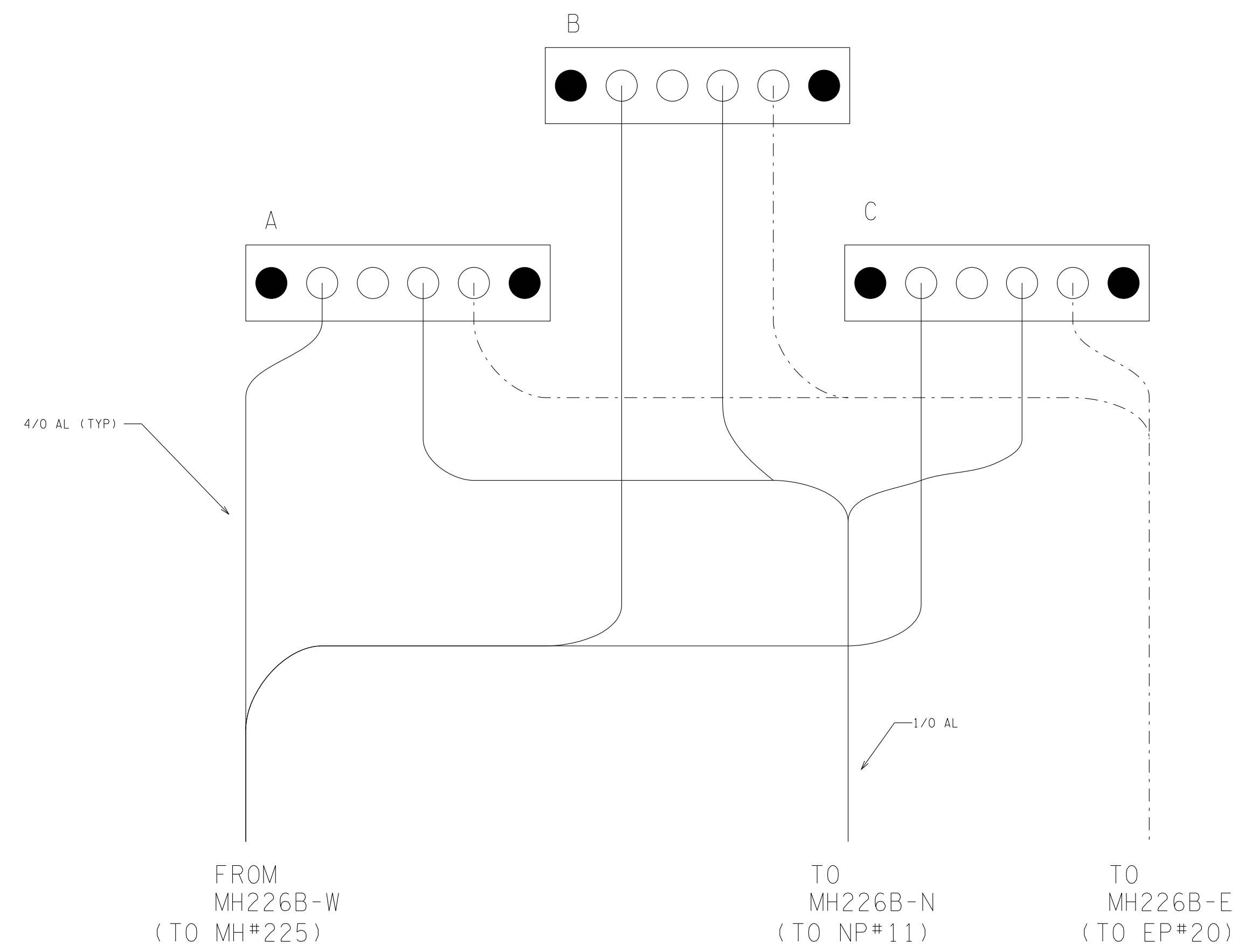
● SPARE CONDUIT

SEE "DRAWING MH226-TOP" FOR INSIDE DIMENSIONS OF THE TOP HALF OF THIS MANHOLE.
 MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING.
 SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
 APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

MH226-TOP

MH226-BOTTOM

MANHOLE #226 200A JUNCTION TERMINATIONS



NO.	DATE	DESCRIPTION

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 DATE: 07-01-16
 FILE NAME:
 DRAWING TITLE:

**ELECTRICAL DETAILS
INSTALL**

DWG OF DRAWING NO:
 E4.4

UNDERGROUND SERVICE GENERAL NOTES FOR CUSTOMER

- CUSTOMER/CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING WORK:
 - CONTACT ENGINEERING FIELD SERVICES (PH.#558-2786) THREE DAYS BEFORE START OF EXCAVATING WORK.
 - FURNISH/INSTALL GRAY ELEC SCH-40 PVC CONDUIT PER KUB DWGS 16131-TREN1, 16131-TREN2, OR 16131-TREN3 (NUMBER OF, SIZE, & LOCATION PER SITE PLAN DWG).
 - INSTALL WARNING TAPE (FURNISHED BY KUB) PER KUB DWG 16131-TREN1.
 - FURNISH/INSTALL 90-DEG FIBERGLASS (EQUIPPED WITH FACTORY-INSTALLED PVC COUPLINGS) OR RIGID STEEL BEND(S) AT BASE OF RISER POLE (AFTER POLE HAS BEEN INSTALLED) PER KUB DWG 16200-RP36. (NUMBER, SIZE, & LOCATION PER SITE PLAN DWG).
 - FURNISH/INSTALL TRANSFORMER PAD(S) PER KUB DWG 16131-PAD1R (1-PHASE RADIAL), DWG 16131-PAD1L (1-PHASE LOOPED), OR DWG 16131-PAD3 (3-PHASE RADIAL OR LOOPED).
 - INSTALL ELECTRICAL GROUNDING MATERIALS (FURNISHED BY KUB) FOR 3-PHASE PADS PER KUB DWG 16131-PAD3.
 - INSTALL HANDHOLE(S) (FURNISHED BY KUB) AS PER KUB DWG 16131-HH & J-BOX PAD(S) (IF REQUIRED ON SITE PLAN DWG).
 - FURNISH/INSTALL SERVICE CONDUITS & CONDUCTORS PER CITY OR STATE ELECTRICAL INSPECTOR RULES. CUSTOMER/CONTRACTOR TO INSTALL SERVICE WIRES AFTER PAD-MOUNTED TRANSFORMER IS INSTALLED ON PAD.
- FURNISH/INSTALL SECONDARY CONDUITS FROM TRANSFORMER PAD(S) FOR EACH FUTURE SERVICE (LOCATE PER SITE PLAN DWG).
 - FURNISH ALL KUB SPECIFICATION DWGS (SEE KUB SERVICE REP).
 - FURNISH ABOVE MATERIALS THAT ARE NOTED "FURNISHED BY KUB".
 - INSPECT CONDUIT & PAD INSTALLATIONS BEFORE TRENCH IS BACKFILLED BY DEVELOPER (CUSTOMER).
 - FURNISH/INSTALL PRIMARY CABLE, RISER POLE WITH HARDWARE, & TRANSFORMER LIDS(S), OR JUNCTION BOX ON PAD(S).
 - FURNISH/INSTALL GROUNDING MATERIALS AT 1-PHASE PAD(S).
 - CONNECT CUSTOMER/CONTRACTOR SERVICE(S) TO TRANSFORMER(S) & INSTALL KUB METER(S).

DEFINITIONS:
 RADIAL = ONE PRIMARY CONDUIT BEND UP INTO TRANSFORMER PAD
 LOOPED = TWO PRIMARY CONDUIT BENDS UP INTO TRANSFORMER PAD
 J-BOX (JUNCTION BOX) = THREE PRIMARY CONDUIT BENDS UP INTO PAD

KUB CONSTRUCTION STANDARD
 PAD-MOUNTED TRANSFORMER SERVICE GENERAL UNDERGROUND NOTES FOR CUSTOMER
 ORIG DWG BY: CEJ DATE: 5-10-02 SHEET 1 OF 1 SHEETS
 LAST UPDATE: 2-20-08 CEJ
 DWG-16131-NOTE1

UNDERGROUND SERVICE GENERAL NOTES FOR KUB CONTRACTOR

- ALL INSTALLATIONS SHALL CONFORM TO NATIONAL, STATE, & LOCAL CODES AS WELL AS TO KUB'S STANDARD DRAWINGS, SPECIFICATIONS, & CONTRACT DOCUMENTS.
- CONTRACTOR SHALL FURNISH VIDEO, DVD, OR PICTURES OF CONSTRUCTION AREA BEFORE START OF CONSTRUCTION TO KUB'S INSPECTOR OR PROJECT MANAGER.
- CONTRACTOR SHALL DIRECT ALL CUSTOMER INQUIRIES & CONCERNS THROUGH KUB'S CUSTOMER SUPPORT REPRESENTATIVE.
- CONTRACTOR SHALL CONTACT KUB DISPATCHERS AT 865-558-2600 FOR A CAUTION ORDER BEFORE CONNECTING OR DISCONNECTING ANY ELECTRICAL COMPONENT. DISPATCHERS MUST BE INFORMED OF ANY CHANGE IN CABLING OR OPEN POINTS AS SOON AS PRACTICAL. DISPATCHERS SHALL BE NOTIFIED IMMEDIATELY OF ANY CABLE FAULT OR ACCIDENT.
- CONTRACTOR IS RESPONSIBLE FOR TENNESSEE ONE-CALLS (1-800-351-1111).
- CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL PERMITS, PLANS, SIGNAGE, FLAGGING, ETC.
- LOCATION OF TRANSFORMERS, CABLES, SERVICES, & OTHER UTILITIES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS IN THE FIELD.
- CONTRACTOR SHALL POT HOLE & VISUALIZE ALL UTILITY CROSSINGS PER KUB STANDARDS & SPECIFICATIONS IN SECTION 01110 TITLED "SPECIAL WORK PROVISIONS".
- KUB TO FURNISH ALL MATERIALS EXCEPT AS NOTED.
- CONTRACTOR SHALL FURNISH ALL CONDUITS, BENDS, & INCIDENTALS NECESSARY FOR COMPLETE CONDUIT INSTALLATION. ALL BENDS TO BE 90-DEG 36R FIBERGLASS OR GALVANIZED STEEL AT RISER POLES & 90-DEG 36R PVC (GRAY SCH-40) AT PAD-MOUNTED TRANSFORMERS.
- CONTRACTOR SHALL REMOVE VEGETATION WITHIN KUB TRANSFORMER "CLEAR ZONE" PER CUSTOMER SUPPORT REPRESENTATIVE APPROVAL. (SEE KUB STANDARD "DWG-16051-PM1LO").
- CONTRACTOR SHALL FURNISH & INSTALL BY HORIZONTAL DIRECTIONAL DRILLING THE REQUIRED SIZE OF HDPE SDR 13.5 ELECTRIC GRADE TUBE OR APPROVED ALTERNATIVE A MINIMUM OF 48" DEEP AS SHOWN ON SITE PLAN.
- CONTRACTOR SHALL USE VACUUM TRUCK TO CLEAN UP ANY SPOILS, SPILLS, OR DRILL FLUIDS. CONTRACTOR SHALL ALSO REMOVE SCRAP MATERIALS & DEBRIS FROM JOB SITE EACH DAY.
- CONTRACTOR SHALL INSTALL HANDHOLES WHERE SHOWN ON SITE PLAN PER KUB STANDARD "DWG-16131-HH".
- CONTRACTOR SHALL REPLACE & LEVEL PAD-MOUNTED TRANSFORMERS WHERE SHOWN ON SITE PLAN.
- CONTRACTOR SHALL INSTALL ALL NEW TRANSFORMERS AT EXISTING LOCATIONS EXCEPT AS NOTED ON SITE PLAN. ALL SECONDARY CONDUIT, CABLE, SPLICES, ETC. ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR REGARDLESS OF TRANSFORMER PAD LOCATION.
- CONTRACTOR SHALL REMOVE ALL EXISTING CONCRETE TRANSFORMER PADS & INSTALL NEW FIBERGLASS PADS IN THE SAME PROXIMITIES TO ALLOW FOR ADEQUATE RECONNECTION LENGTHS.
- CONTRACTOR SHALL INSTALL KUB-FURNISHED *1/0AWG AL, EPR, 15KV, 175 MIL, JACKETED, URD-TYPE CABLE IN ALL NEW CONDUIT (OR ALTERNATIVE PIPE) AS SHOWN ON SITE PLAN.
- CONTRACTOR SHALL TAG ALL CABLES AT EACH TERMINATION POINT & IN EACH HANDHOLE/MANHOLE PER KUB STANDARDS.
- CONTRACTOR SHALL REMOVE/ABANDON ALL EXISTING PRIMARY CABLE AS NOTED ON SITE PLAN.
- CONTRACTOR SHALL FURNISH & INSTALL GRASS SEED, STRAW, SOG, CONCRETE, ASPHALT, MULCH, LANDSCAPE MATERIAL, ETC. AS REQUIRED TO RESTORE THE GROUND TO ITS ORIGINAL OR BETTER CONDITION.
- WHEN JOB IS COMPLETE, CONTRACTOR SHALL RETURN ALL UNUSED KUB-FURNISHED MATERIALS & KEYS TO KUB. CONTRACTOR SHALL ALSO SUBMIT ONE COPY OF "AS-BUILT" DRAWINGS & 3 COPIES OF CABLE INSTALLATION REPORT AS PER STANDARDS & SPECIFICATIONS SECTION 16380-1.9.

KUB CONSTRUCTION STANDARD
 PAD-MOUNTED TRANSFORMER SERVICE GENERAL UNDERGROUND NOTES FOR KUB CONTRACTOR
 ORIG DWG BY: CEJ DATE: 5-23-07 SHEET 1 OF 1 SHEETS
 LAST UPDATE: 2-20-08 CEJ
 DWG-16131-NOTE2

RESIDENTAL/COMMERCIAL RADIAL-FED SERVICE 1-PHASE PAD-MOUNTED TRANSFORMER PAD

KUB CONSTRUCTION STANDARD
 RESIDENTAL/COMMERCIAL RADIAL-FED SERVICE 1-PHASE PAD-MOUNTED TRANSFORMER PAD
 ORIG DWG BY: GJB/CEJ DATE: 7-12-01 SHEET 1 OF 1 SHEETS
 LAST UPDATE: 9-6-07 CEJ
 DWG-16131-PAD1R

7KV RISER POLE -- DOUBLE CIRCUIT 1/0 AL UD CABLE TO 1/0 AR OH WIRE

KUB CONSTRUCTION STANDARD
 7KV RISER POLE -- DOUBLE CIRCUIT 1/0 AL UD CABLE TO 1/0 AR OH WIRE
 ORIG DWG BY: CEJ DATE: 12-20-01 SHEET 1 OF 1 SHEETS
 LAST UPDATE: 10-22-08 CEJ
 DWG-16200-TP1S

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LOCATION REQUIREMENTS FOR 1-PHASE & 3-PHASE TRANSFORMER PADS

KUB CONSTRUCTION STANDARD
 LOCATION REQUIREMENTS FOR 1-PHASE & 3-PHASE TRANSFORMER PADS
 ORIG DWG BY: CEJ DATE: 8-25-01 SHEET 1 OF 1 SHEETS
 LAST UPDATE: 2-27-08 CEJ
 DWG-16051-PM1LO

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RESIDENTAL/COMMERCIAL LOOP-FED SERVICE 1-PHASE PAD-MOUNTED TRANSFORMER PAD

KUB CONSTRUCTION STANDARD
 RESIDENTAL/COMMERCIAL LOOP-FED SERVICE 1-PHASE PAD-MOUNTED TRANSFORMER PAD
 ORIG DWG BY: GJB/CEJ DATE: 7-12-01 SHEET 2 OF 2 SHEETS
 LAST UPDATE: 2-27-08 CEJ
 DWG-16131-PAD1L

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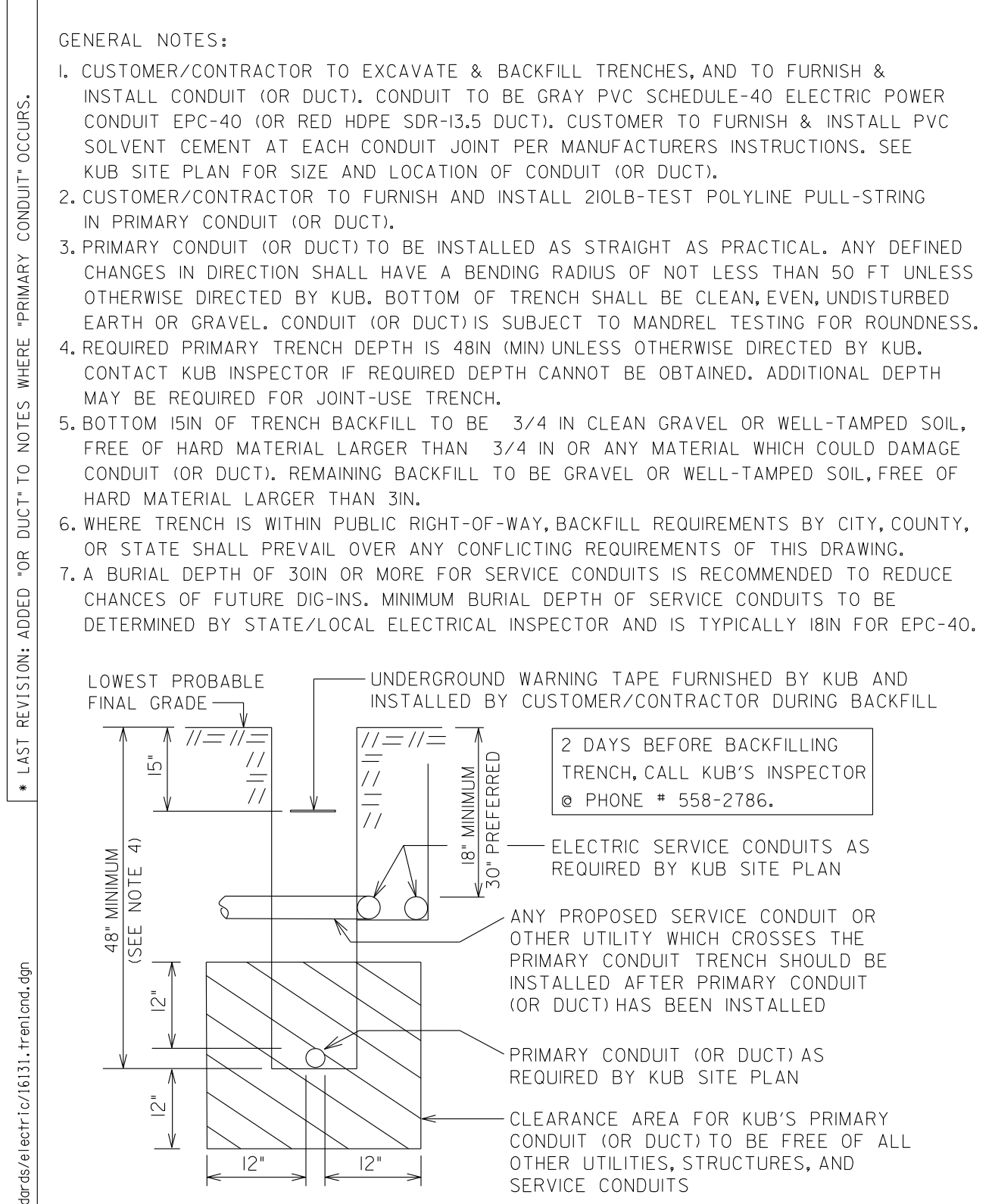
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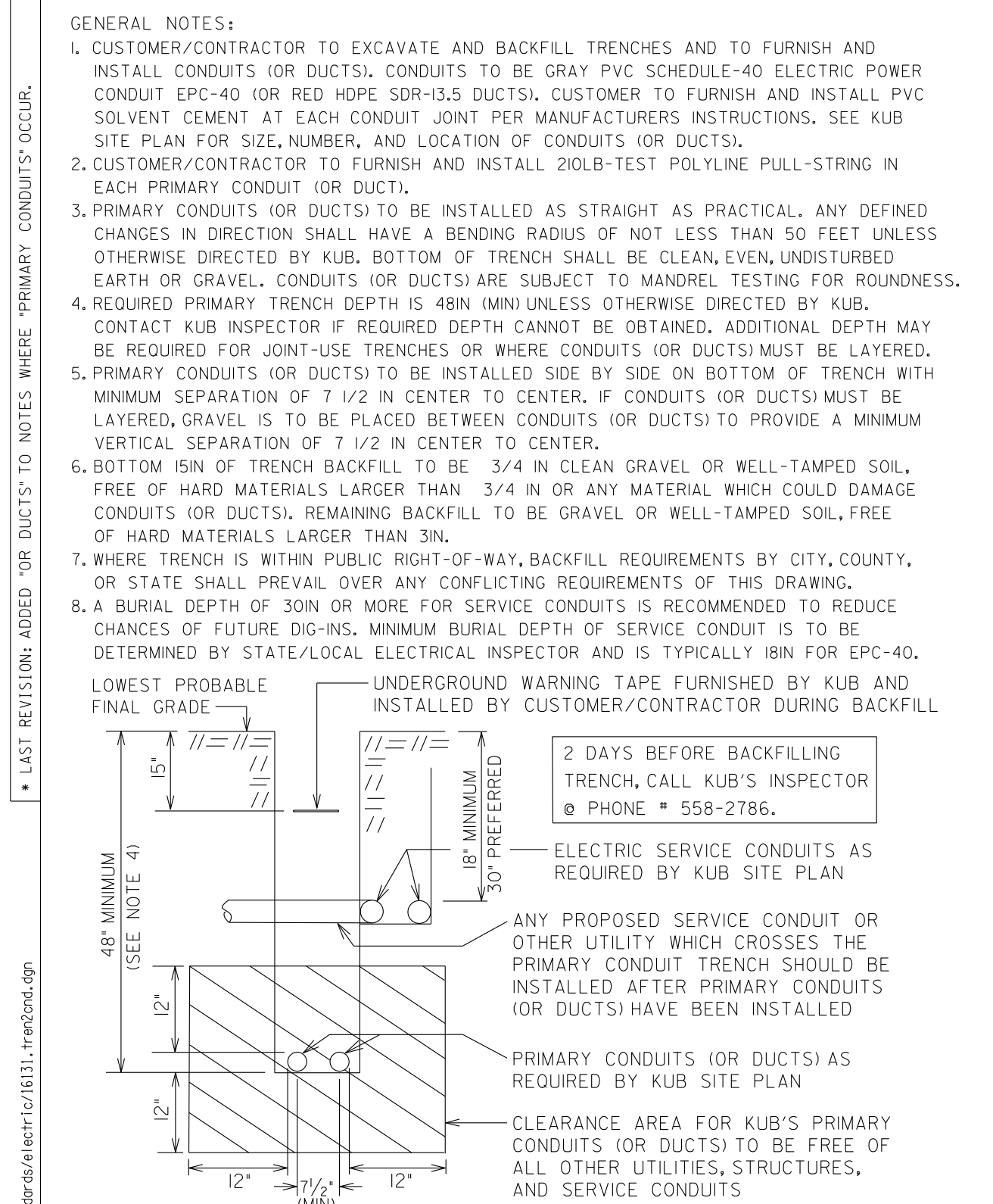
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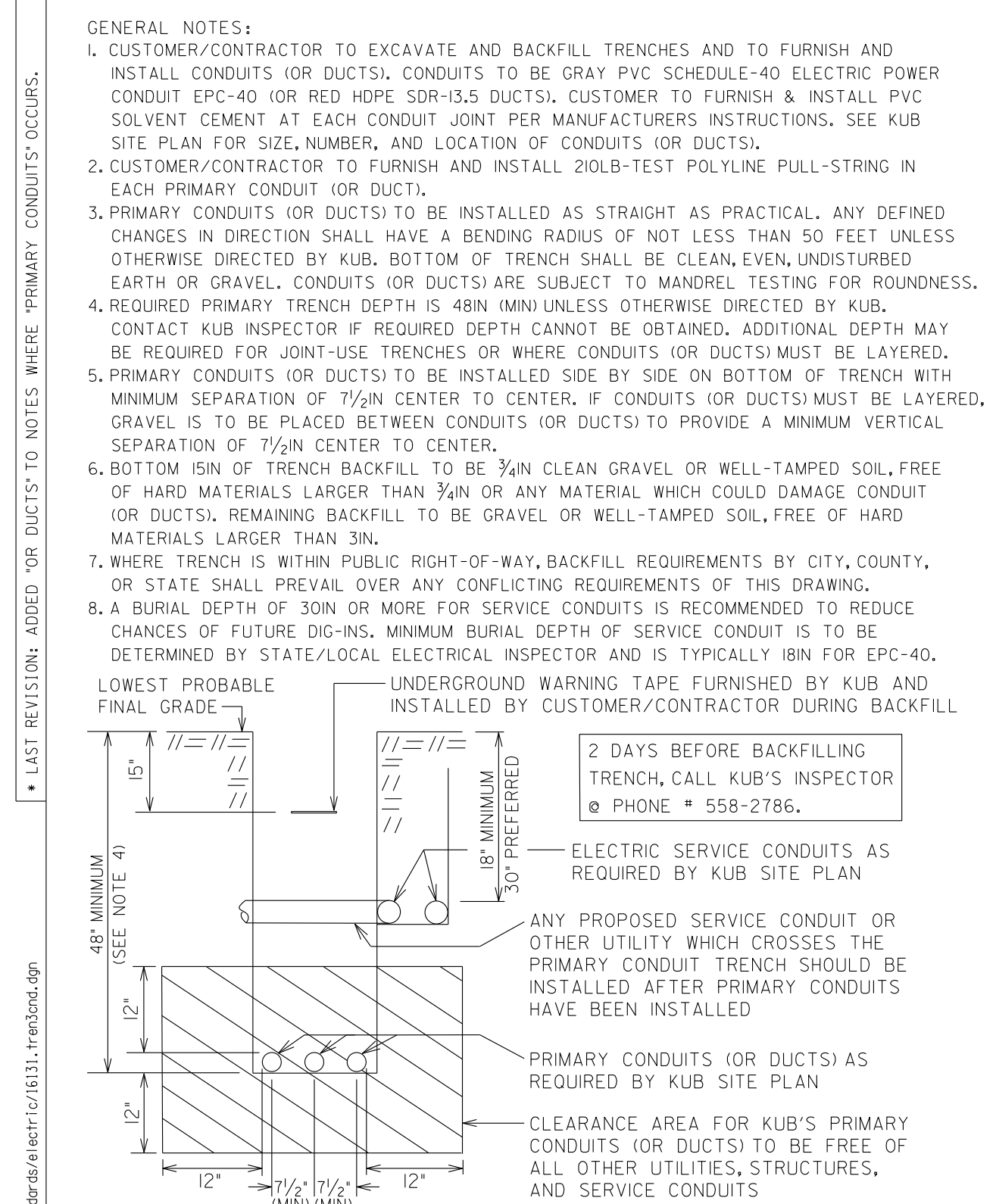
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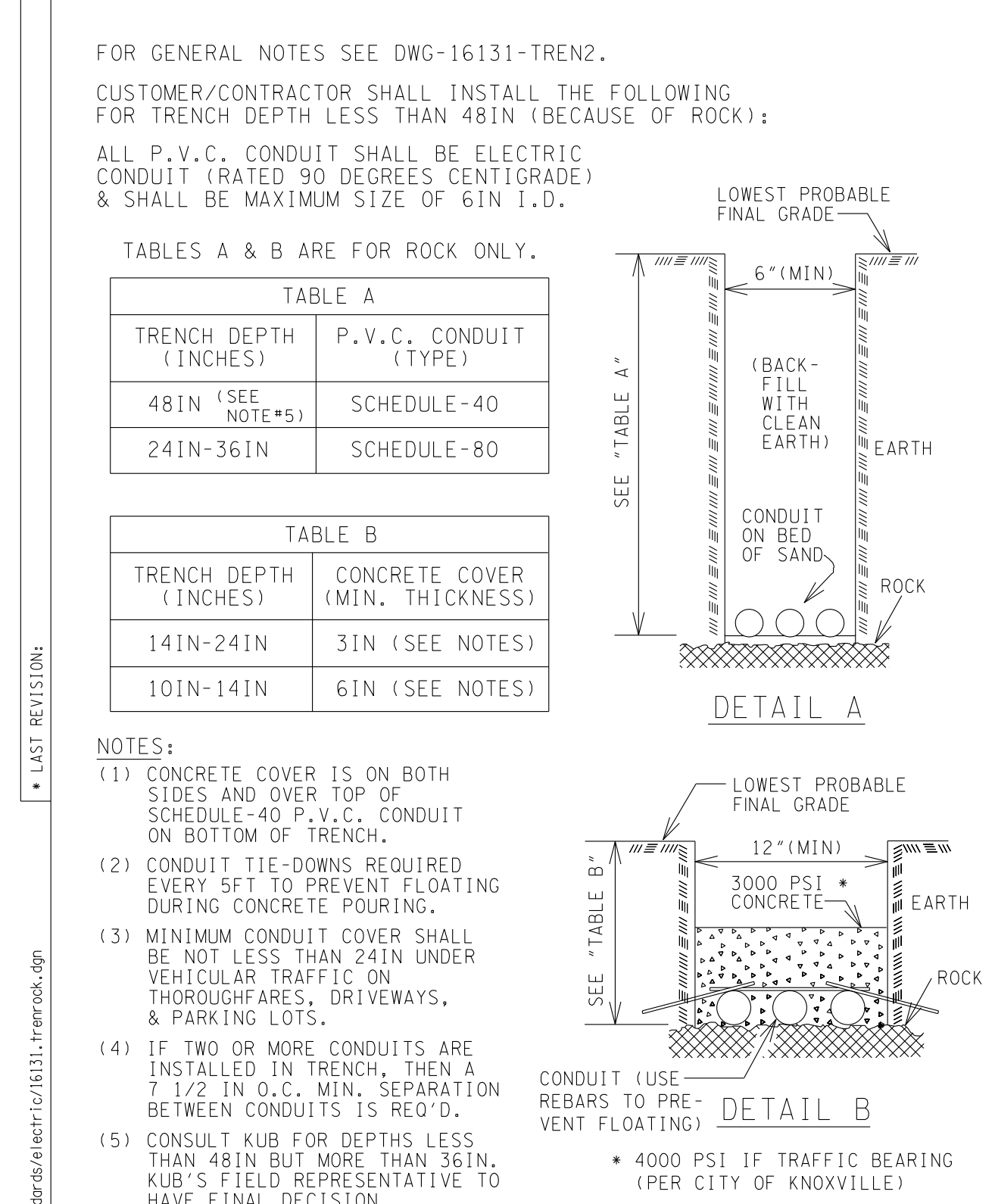
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	ORIG DWG BY: GJB/CEA	DATE: 8-20-01	SHEET 1 OF 1 SHEETS



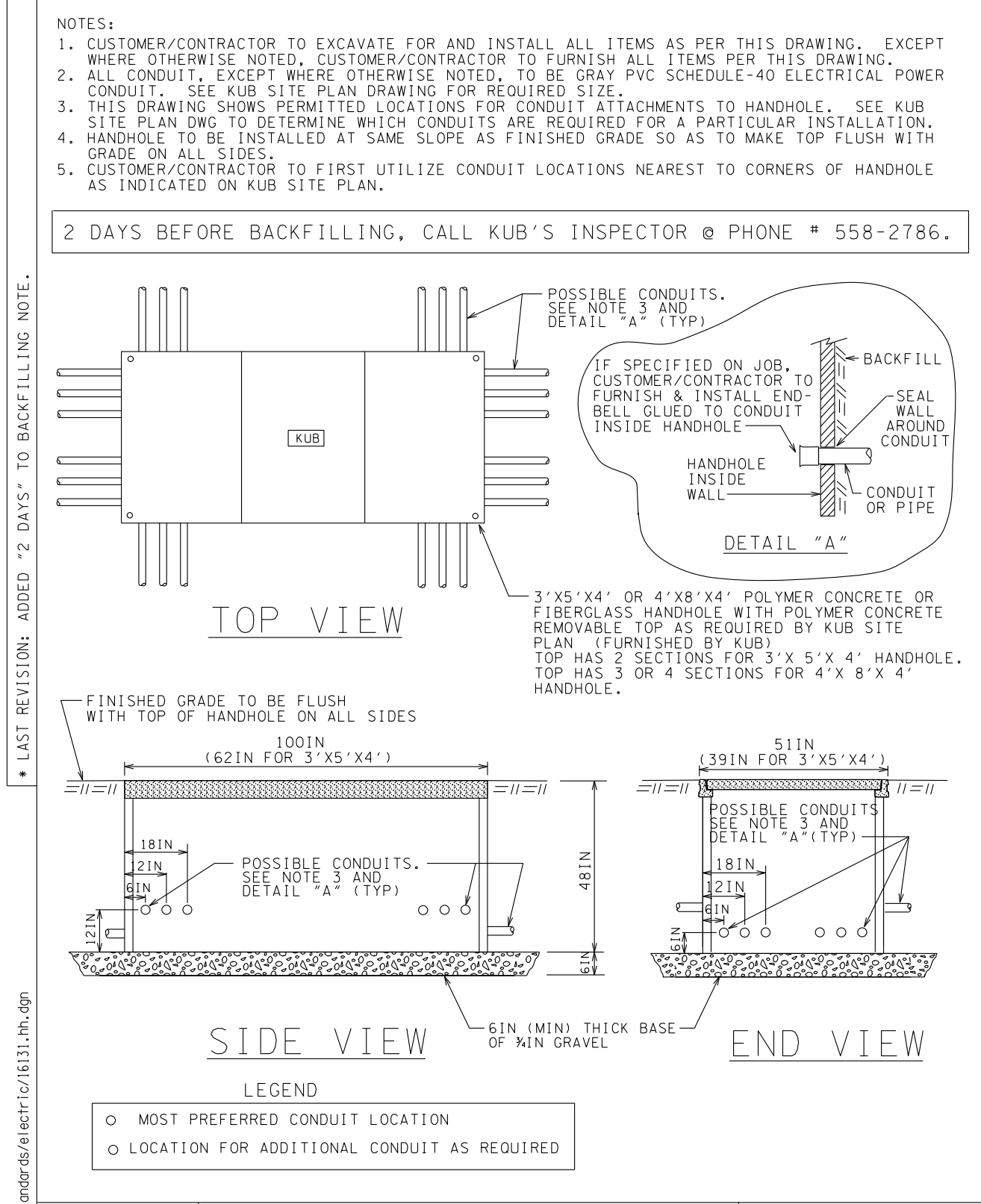
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	ORIG DWG BY: CEA	DATE: 8-20-01	SHEET 1 OF 1 SHEETS



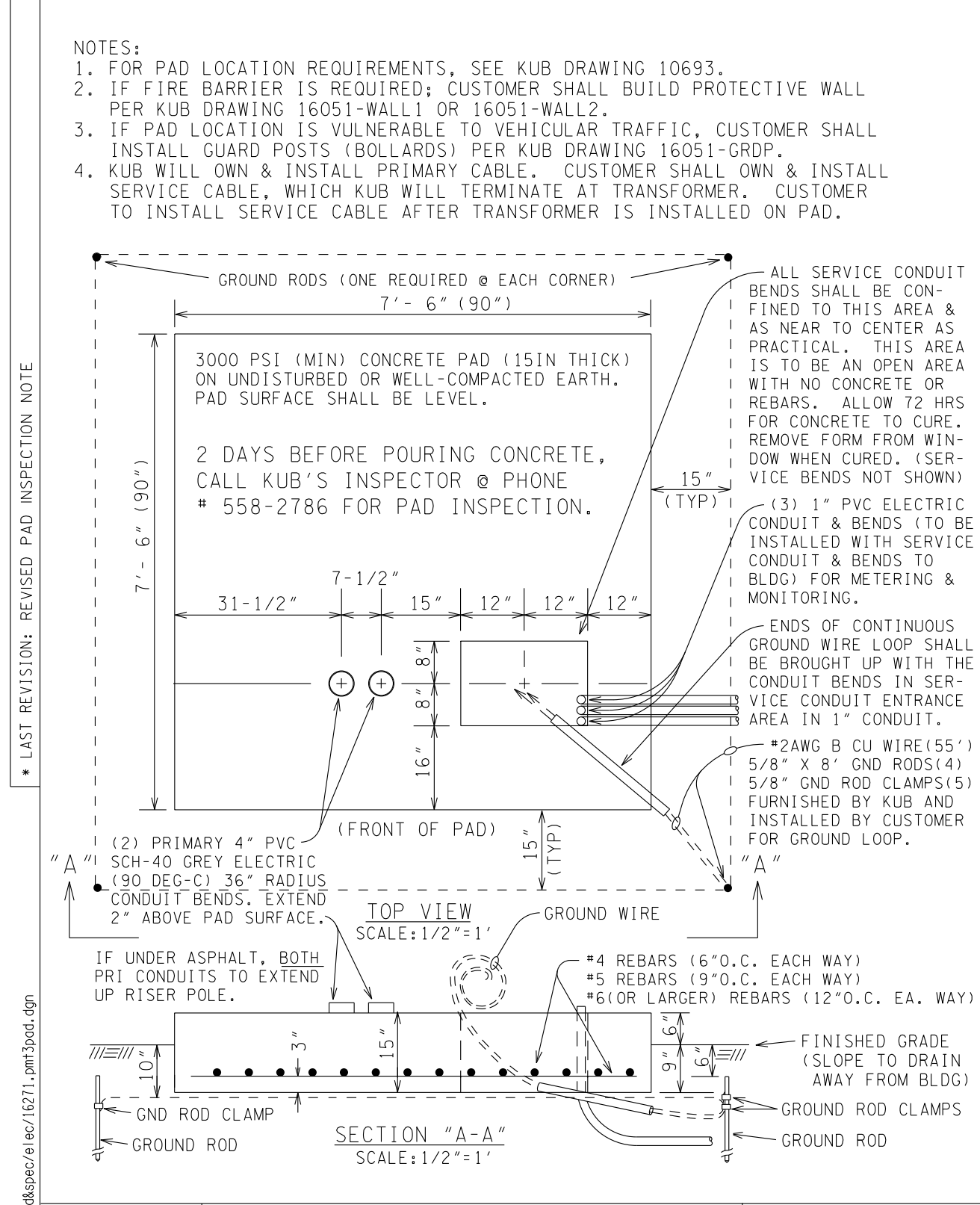
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	ORIG DWG BY: CEA	DATE: 8-20-01	SHEET 1 OF 1 SHEETS



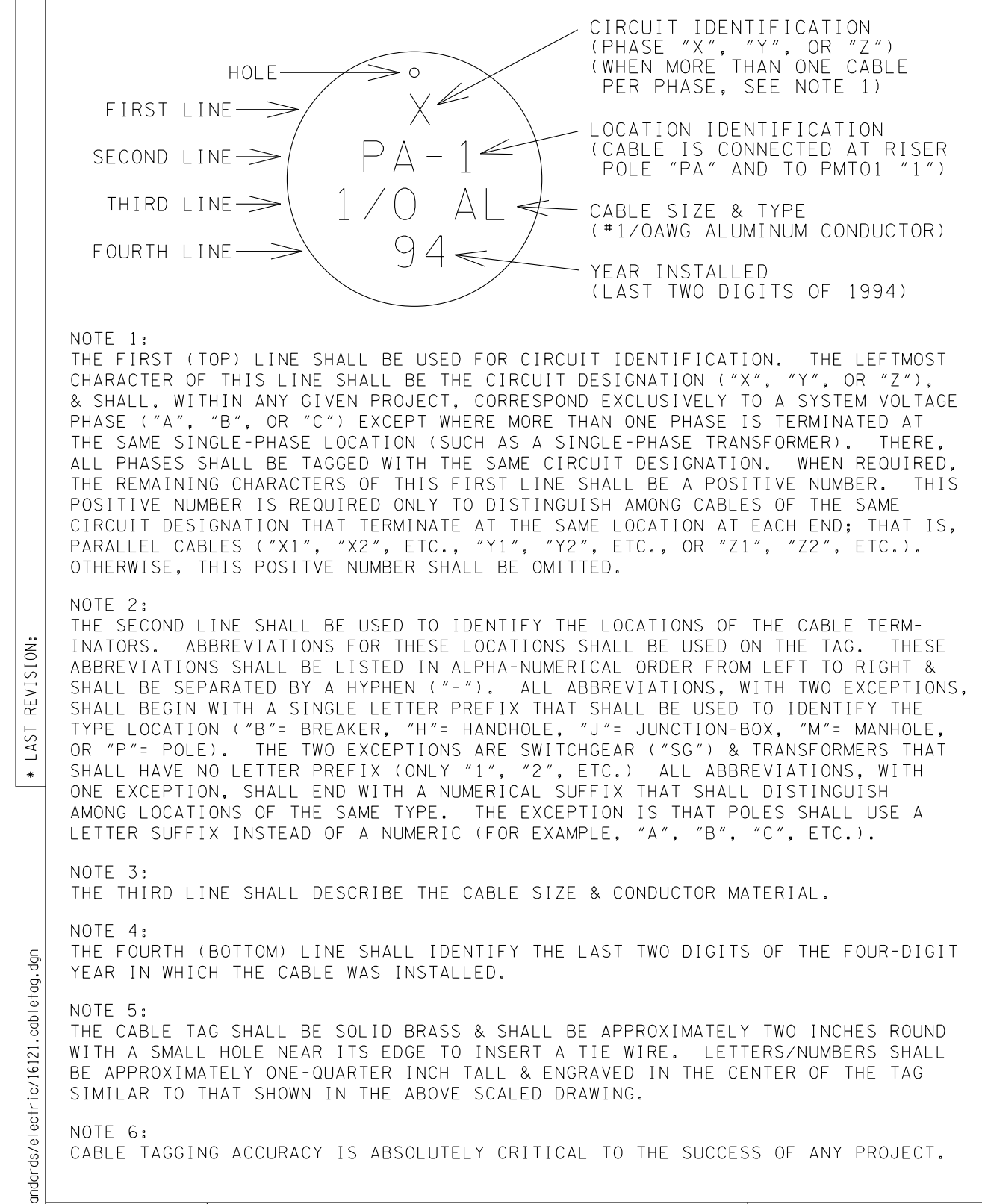
KUB CONSTRUCTION STANDARD	ELECTRIC TRENCH DETAIL FOR ROCK CONDITIONS		LAST UPDATE: 10-29-02 CEA
	ORIG DWG BY: CEA	DATE: 8-21-01	SHEET 1 OF 1 SHEETS



KUB CONSTRUCTION STANDARD	PRIMARY HANDHOLE INSTALLATION DETAILS		LAST UPDATE: 2-7-07 CEA
	ORIG DWG BY: GJB/CEA	DATE: 8-28-01	SHEET 1 OF 1 SHEETS



KUB CONSTRUCTION STANDARD	7.5FT X 7.5FT FOUNDATION DETAILS FOR 3-PHASE PAD-MOUNTED TRANSFORMERS		LAST UPDATE: 6-24-02 CEA
	ORIG DWG BY: CEA	DATE: 7-26-01	SHEET 1 OF 1 SHEETS

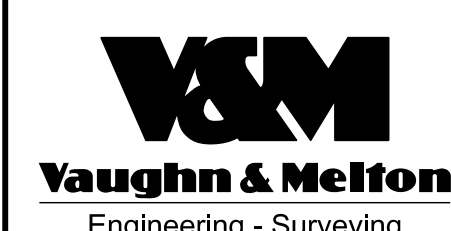


KUB CONSTRUCTION STANDARD	CABLE TAGGING DETAILS FOR UG PRIMARY CABLE OUTSIDE OF NETWORK AREA		LAST UPDATE: 5-23-07 CEA
	ORIG DWG BY: CEA	DATE: 5-23-07	SHEET 1 OF 1 SHEETS

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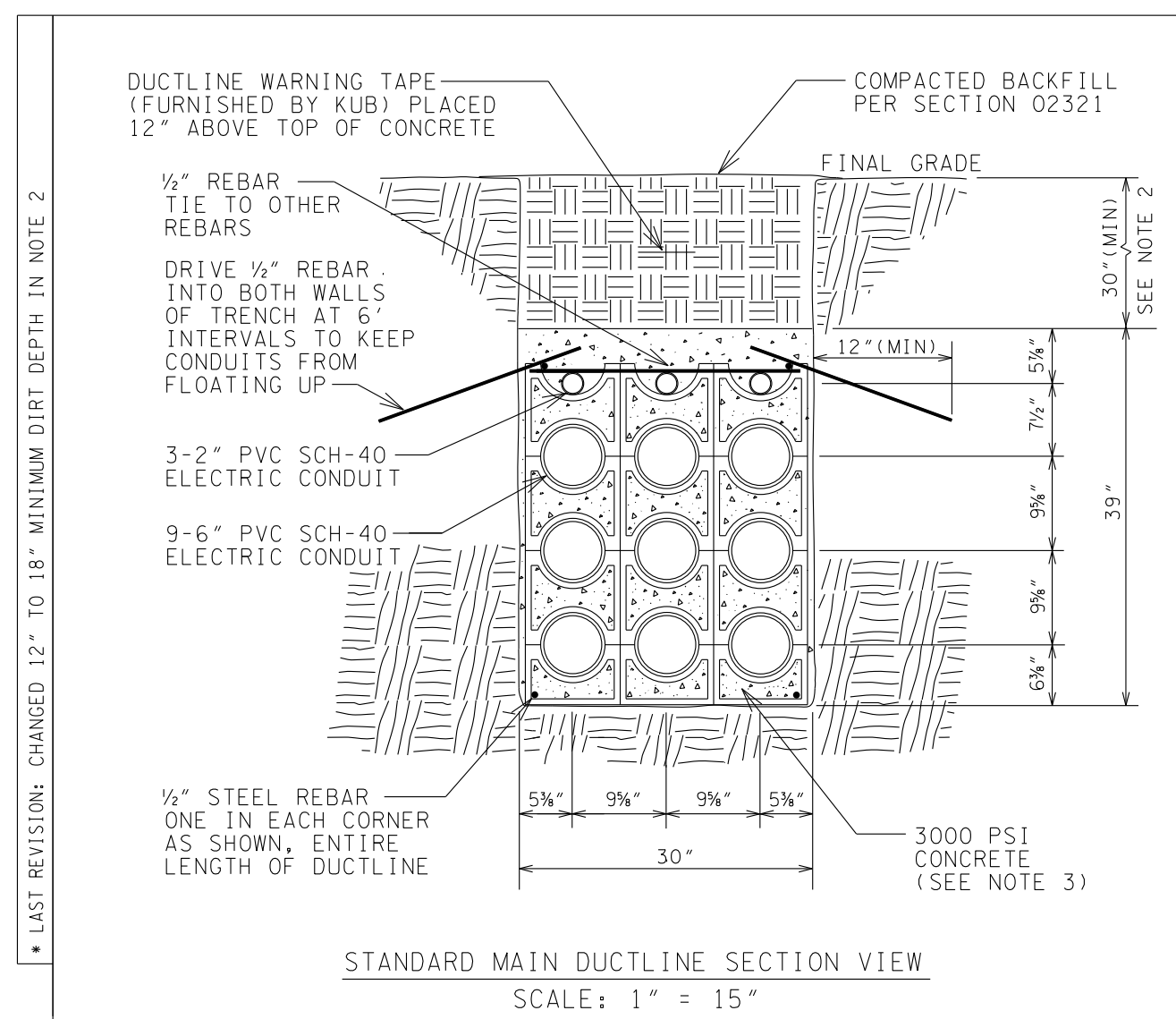
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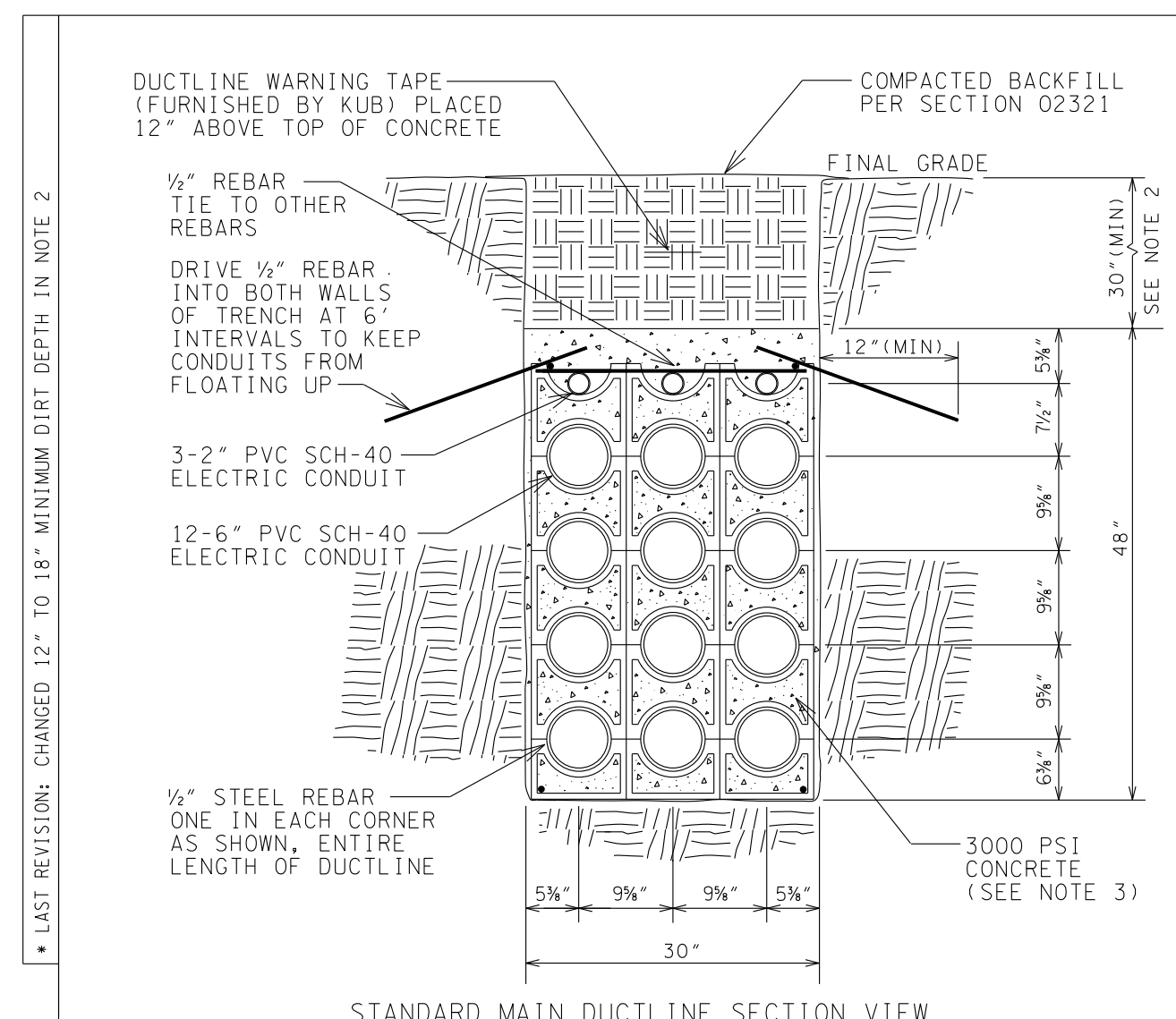
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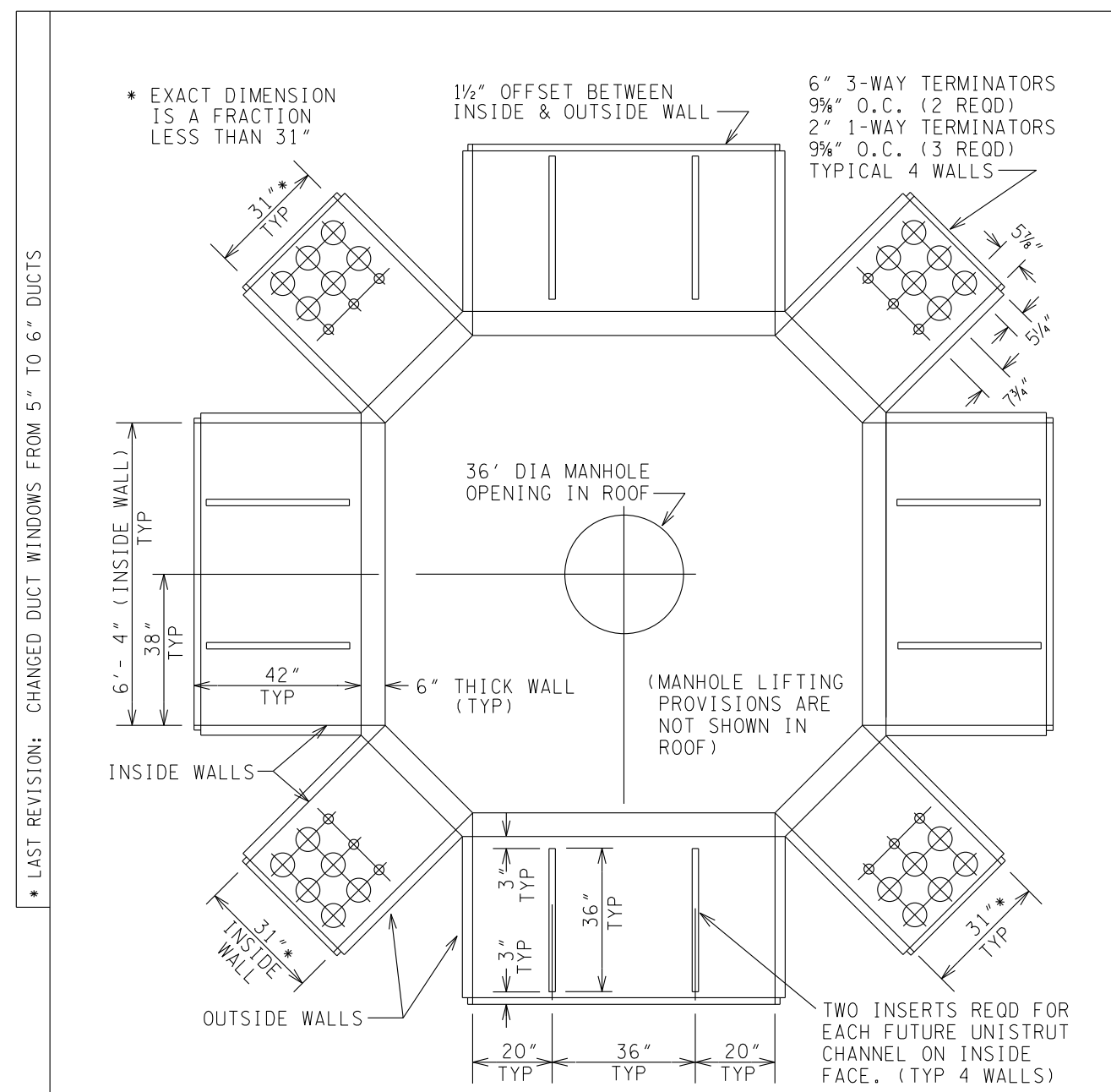
- NOTES:
1. INSTALL INTERLOCKING BASE SPACERS THAT PROVIDE 3" SPACE UNDERNEATH CONDUIT AND 3" HORIZONTAL SPACE BETWEEN OUTSIDE CONDUIT WALLS. INSTALL INTERLOCKING INTERMEDIATE SPACERS THAT PROVIDE 3" HORIZONTAL & VERTICAL SPACE BETWEEN OUTSIDE CONDUIT WALLS. SPACERS SHALL BE INSTALLED AT 6" INTERVALS THE ENTIRE LENGTH OF DUCTLINE. (SPACERS SHOWN BY DASHED LINES IN ABOVE DRAWING.)
 2. EXCEPT UNDER ROADWAYS, 2" OF ADDITIONAL CONCRETE ON TOP OF DUCTLINE CAN REPLACE 6" OF DIRT BACKFILL, UP TO A MINIMUM DEPTH OF 12" OF DIRT. THIS ALLOWANCE SHOULD BE USED ONLY IN CASES OF ROCK AND/OR CONFLICTS WITH OTHER UTILITIES.
 3. CONCRETE SHALL BE PROPERLY VIBRATED WHEN INSTALLED TO INSURE COMPLETE FLOW UNDER, AROUND, AND BETWEEN ALL CONDUITS, AND TO ELIMINATE ANY AIR POCKETS. ALLOW CONCRETE TO SET FIRM BEFORE BACKFILLING.
 4. SEE SECTION 02580 FOR ADDITIONAL DETAILS.

KUB CONSTRUCTION STANDARD	TYPICAL MAIN DUCTLINE INSTALLATION CONCRETE-ENCASED PVC CONDUITS	LAST UPDATE: 3-29-10 CEA
	ORIG DWG BY: CEA DATE: 1-24-02 SHEET 1 OF 1 SHEETS DWG-16132-DL 9	



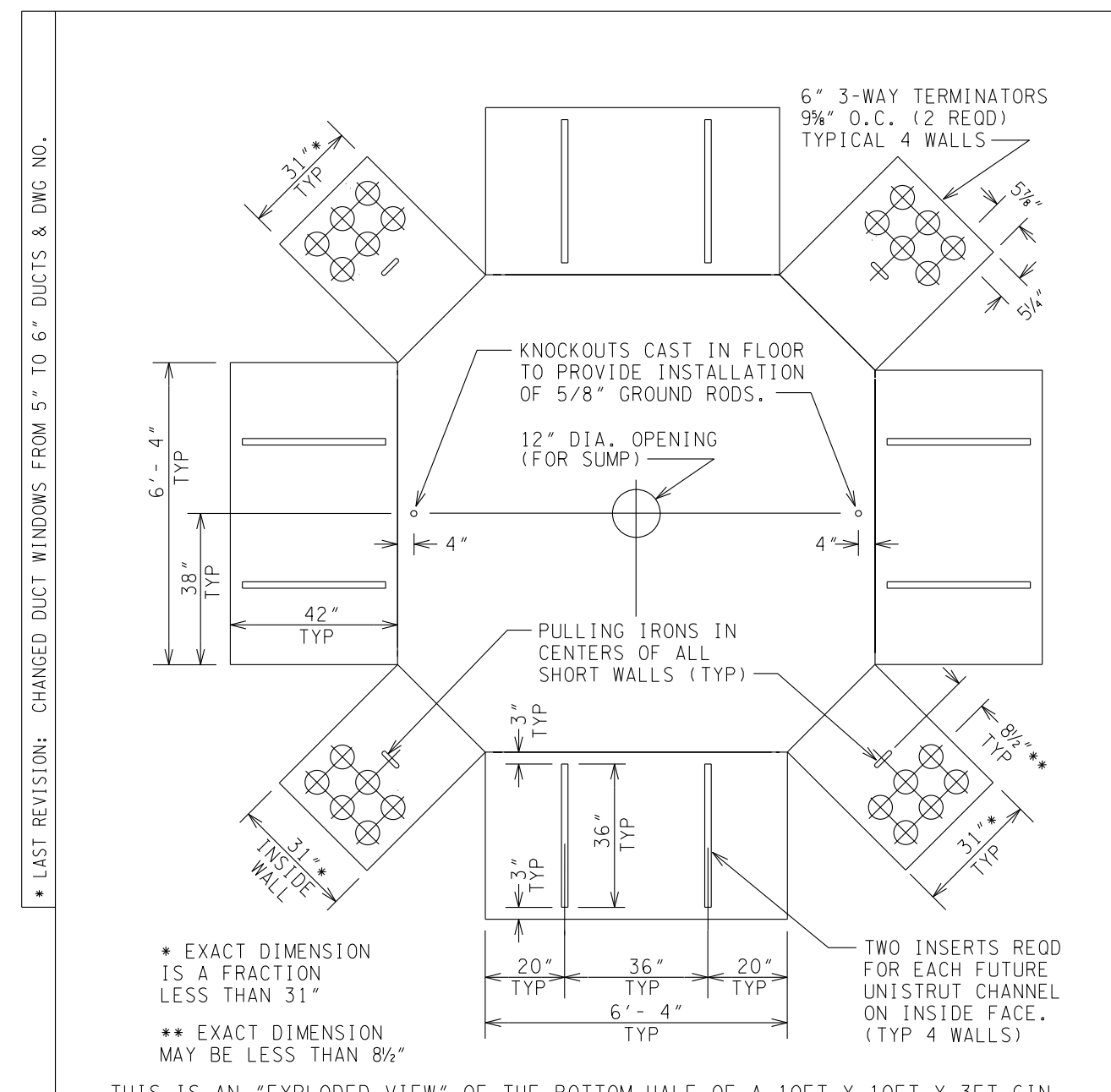
- NOTES:
1. INSTALL INTERLOCKING BASE SPACERS THAT PROVIDE 3" SPACE UNDERNEATH CONDUIT AND 3" HORIZONTAL SPACE BETWEEN OUTSIDE CONDUIT WALLS. INSTALL INTERLOCKING INTERMEDIATE SPACERS THAT PROVIDE 3" HORIZONTAL & VERTICAL SPACE BETWEEN OUTSIDE CONDUIT WALLS. SPACERS SHALL BE INSTALLED AT 6" INTERVALS THE ENTIRE LENGTH OF DUCTLINE. (SPACERS SHOWN BY DASHED LINES IN ABOVE DRAWING.)
 2. EXCEPT UNDER ROADWAYS, 2" OF ADDITIONAL CONCRETE ON TOP OF DUCTLINE CAN REPLACE 6" OF DIRT BACKFILL, UP TO A MINIMUM DEPTH OF 12" OF DIRT. THIS ALLOWANCE SHOULD BE USED ONLY IN CASES OF ROCK AND/OR CONFLICTS WITH OTHER UTILITIES.
 3. CONCRETE SHALL BE PROPERLY VIBRATED WHEN INSTALLED TO INSURE COMPLETE FLOW UNDER, AROUND, AND BETWEEN ALL CONDUITS, AND TO ELIMINATE ANY AIR POCKETS. ALLOW CONCRETE TO SET FIRM BEFORE BACKFILLING.
 4. SEE SECTION 02580 FOR ADDITIONAL DETAILS.

KUB CONSTRUCTION STANDARD	TYPICAL MAIN DUCTLINE INSTALLATION CONCRETE-ENCASED PVC CONDUITS	LAST UPDATE: 3-29-10 CEA
	ORIG DWG BY: CEA DATE: 1-24-02 SHEET 1 OF 1 SHEETS DWG-16132-DL 12	



THIS IS AN "EXPLODED VIEW" OF THE TOP HALF OF A 10FT X 10FT X 3FT-6IN (INSIDE DIMENSIONS) STANDARD OCTAGONAL MANHOLE. "EXPLODED" MEANS THAT THE OUTSIDE ROOF IS SHOWN WITH THE WALLS FOLDED UP. SEE "DRAWING #16220-MH1B" FOR INSIDE DIMENSIONS OF THE BOTTOM HALF OF THIS MANHOLE. MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING. SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM. APPROXIMATE WEIGHT OF MANHOLE TOP SECTION IS 20,000 LBS.

KUB CONSTRUCTION STANDARD	OCTAGONAL 10'X10'X7' ELECTRIC MANHOLE DIMENSIONS OF TOP HALF	LAST UPDATE: 10-15-04 CEA
	ORIG DWG BY: CEA DATE: 6-14-01 SHEET 1 OF 1 SHEETS DWG-16132-MH1T	



THIS IS AN "EXPLODED VIEW" OF THE BOTTOM HALF OF A 10FT X 10FT X 3FT-6IN (INSIDE DIMENSIONS) STANDARD OCTAGONAL MANHOLE. "EXPLODED" MEANS THAT THE INSIDE FLOOR IS SHOWN WITH THE WALLS FOLDED DOWN. SEE "DRAWING #16220-MH1T" FOR INSIDE DIMENSIONS OF THE TOP HALF OF THIS MANHOLE. MANHOLE TOP & BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE WITH REINFORCEMENT FOR AASHTO H-20 LOADING. SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM. APPROXIMATE WEIGHT OF MANHOLE BOTTOM SECTION IS 20,500 LBS.

KUB CONSTRUCTION STANDARD	OCTAGONAL 10'X10'X7' ELECTRIC MANHOLE DIMENSIONS OF BOTTOM HALF	LAST UPDATE: 5-10-05 CEA
	ORIG DWG BY: CEA DATE: 6-14-01 SHEET 1 OF 1 SHEETS DWG-16132-MH12D	

MINIMUM DUCTLINE DIMENSIONS AND CONCRETE REQUIREMENTS

CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	15"	12"	4.3 CU-YDS
3"	15"	13"	4.9 CU-YDS
4"	15"	14"	5.4 CU-YDS
5"	18"	15"	6.1 CU-YDS
6"	18"	16"	6.8 CU-YDS

CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	18"	12"	5.3 CU-YDS
3"	18"	13"	6.2 CU-YDS
4"	24"	14"	7.2 CU-YDS
5"	24"	15"	8.2 CU-YDS
6"	24"	16"	9.3 CU-YDS

CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	24"	12"	7.5 CU-YDS
3"	30"	13"	9.2 CU-YDS
4"	30"	14"	11.0 CU-YDS
5"	36"	15"	12.4 CU-YDS
6"	36"	16"	13.9 CU-YDS

CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	18"	16"	7.0 CU-YDS
3"	18"	18"	8.3 CU-YDS
4"	24"	20"	9.9 CU-YDS
5"	24"	23"	11.3 CU-YDS
6"	24"	25"	12.8 CU-YDS

CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	24"	16"	8.7 CU-YDS
3"	24"	18"	10.4 CU-YDS
4"	30"	20"	12.5 CU-YDS
5"	30"	23"	14.6 CU-YDS
6"	30"	25"	16.8 CU-YDS

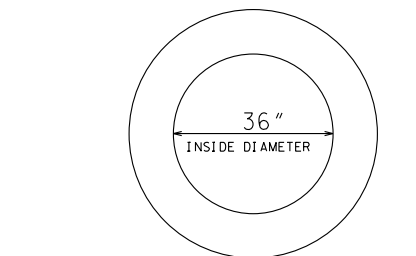
CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	24"	21"	12.5 CU-YDS
3"	30"	24"	16.0 CU-YDS
4"	36"	27"	19.4 CU-YDS
5"	36"	32"	22.7 CU-YDS
6"	42"	35"	26.3 CU-YDS

CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	24"	21"	11.3 CU-YDS
3"	24"	24"	13.7 CU-YDS
4"	30"	27"	16.6 CU-YDS
5"	30"	32"	19.3 CU-YDS
6"	30"	35"	22.1 CU-YDS

CND SIZE	MIN WIDTH	MIN DEPTH	CU-YDS CONCRETE PER 100FT RUN
2"	24"	21"	11.3 CU-YDS
3"	30"	24"	15.0 CU-YDS
4"	36"	27"	19.4 CU-YDS
5"	36"	32"	22.7 CU-YDS
6"	42"	35"	26.3 CU-YDS

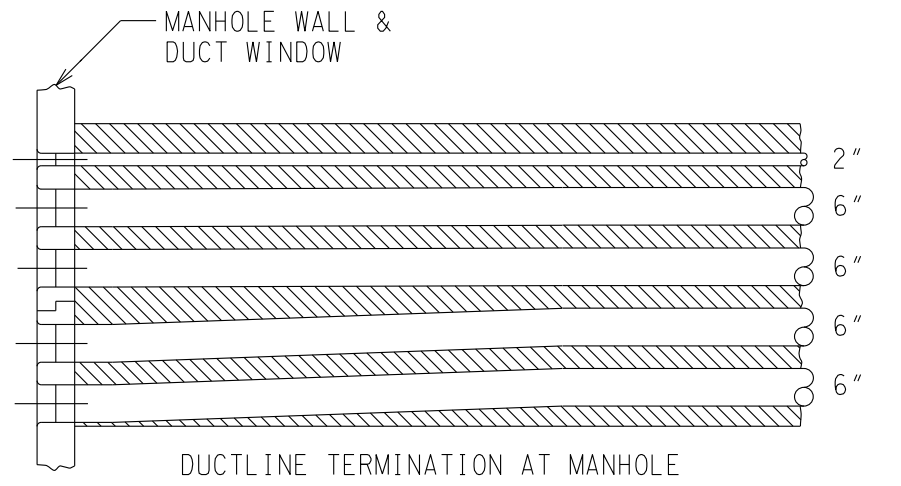
CND SIZE	OUTSIDE DIMENSION
2"	2'-3/8"
3"	3'-1/2"
4"	4'-1/2"
5"	5'-9/16"
6"	6'-5/8"

KUB CONSTRUCTION STANDARD	MINIMUM DUCTLINE DIMENSIONS AND CONCRETE REQUIREMENTS	LAST UPDATE: 6-30-04 CEA
	ORIG DWG BY: CEA DATE: 8-23-01 SHEET 1 OF 1 SHEETS DWG-16132-DINFO	



CONCRETE GRADE RINGS

- NOTES:
1. MANHOLE TOP AND BOTTOM SHALL BE CONSTRUCTED OF 4500 PSI CONCRETE REINFORCEMENT FOR AASHTO H-20 LOADING.
 2. MANHOLE TOPS - 7 REQUIRED
 3. MANHOLE BOTTOMS - 7 REQUIRED
 4. INSIDE DIMENSIONS 10'-0" X 10'-0" X 7'-0" OCTAGONAL SHAPE
 5. LIFTING INSERTS - 4 PER PIECE
 6. SELF-ADHESIVE GASKET MATERIAL SHALL BE SUPPLIED IN SUFFICIENT QUANTITY FOR SEALING THE JOINT BETWEEN TOP & BOTTOM.
 7. CONCRETE GRADE RINGS REQUIRED
- | SIZE | QUANTITY |
|---------------------|-------------|
| 36-10 WITH 8" NECK | AS REQUIRED |
| 36-10 WITH 9" NECK | AS REQUIRED |
| 36-10 WITH 12" NECK | AS REQUIRED |



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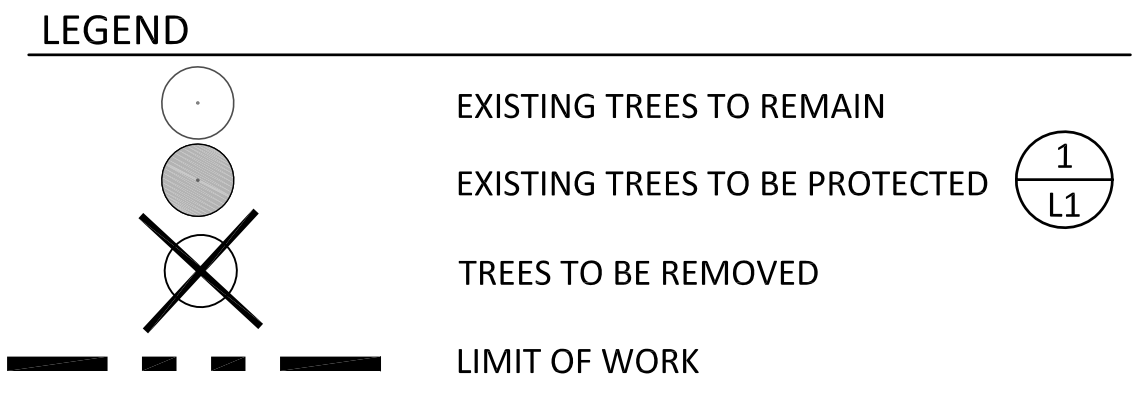
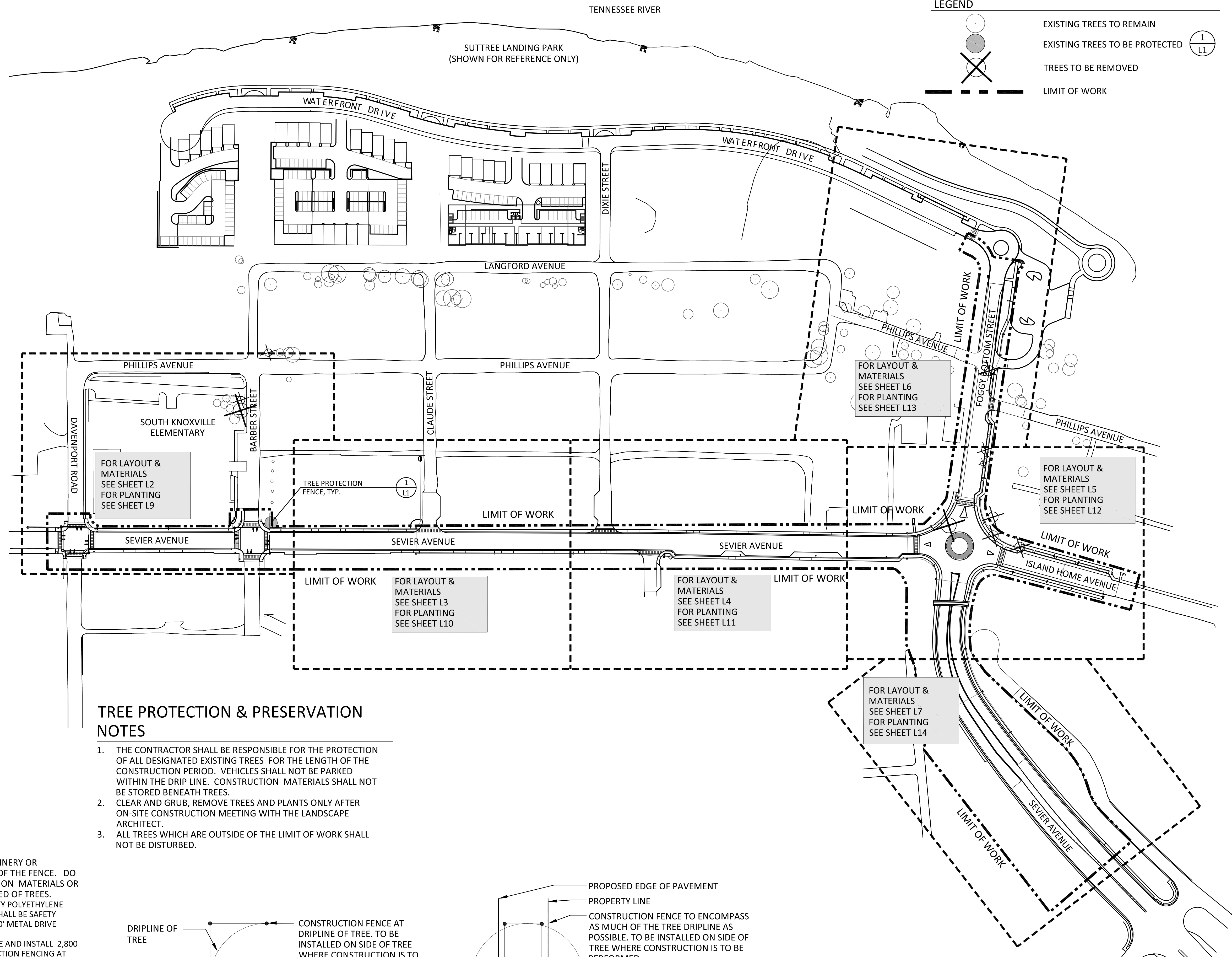
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DRAWN: S.L.R.
CHECKED: J.L.M.
JOB NO: 00723-0007
SCALE: AS SHOWN
DATE: 07-01-16
FILE NAME:
DRAWING TITLE:
ELECTRICAL DETAILS INSTALL
DWG OF
DRAWING NO: E5.3

GENERAL NOTES

- EXISTING CONDITIONS ARE COMPILED FROM A SURVEY ISSUED BY VAUGHN AND MELTON TO THE DESIGN TEAM TITLED '50820_12SURVEY'.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REFERENCING ALL C-SERIES NOTES APPLICABLE TO L-SERIES DRAWINGS.
- PRIOR TO COMMENCING ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE "TN ONE CALL" NOTIFICATION PROCEDURES PROMOTED BY RESPECTIVE UTILITY COMPANIES. THE "TN ONE CALL" TELEPHONE NUMBER IS 1-800-351-1111.
- THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, PROPOSED LIGHTING FOOTINGS, ETC.). EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES SHALL BE DONE BY HAND. ANY DAMAGE AND INCURRED COSTS DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
- LIMIT OF WORK LINE IS NOTED ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE CONTRACT LIMIT LINE. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL MEET LINE AND GRADE OF EXISTING CONDITIONS AT LIMIT OF WORK LINE.
- THE CONTRACTOR SHALL MAINTAIN ALL ESTABLISHED BOUNDS AND BENCH MARKS AND REPLACE AS DIRECTED ANY WHICH ARE DESTROYED OR DISTURBED.
- ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT TRACKING OF DEBRIS ONTO PUBLIC WAYS. ANY DEBRIS ON PUBLIC WAYS ORIGINATING FROM THE JOB SITE SHALL BE CLEANED BY THE CONTRACTOR.
- CONTRACTOR SHALL EMPLOY SPECIAL CARE IN SCHEDULING CONSTRUCTION SO AS TO MAINTAIN EXISTING VEHICULAR TRAFFIC PATTERNS, AND MINIMIZE DISRUPTION TO SURROUNDING PEDESTRIAN TRAFFIC. CONTRACTOR SHALL EMPLOY SPECIAL CARE TO PROTECT SAFETY OF PEDESTRIANS INSIDE AND OUTSIDE OF THE CONTRACT LIMIT LINE.
- CONTRACTOR SHALL SECURE ALL PERMITS THAT MAY BE REQUIRED FROM ALL JURISDICTIONS AFFECTED BY THIS WORK, AT THE CONTRACTOR'S EXPENSE.
- ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE, AND REUSED AS DIRECTED BY THE OWNER OR LEGALLY DISPOSED OF OFF-SITE BY CONTRACTOR.
- ALL REFUSE, DEBRIS AND MISCELLANEOUS ITEMS TO BE REMOVED, THAT ARE NOT TO BE STOCKPILED FOR LATER USE ON THE PROJECT OR DELIVERED TO THE OWNER, SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. WHERE NEW PAVING MEETS EXISTING PAVING, MEET LINE AND GRADE OF EXISTING WITH NEW.
- MAINTAIN THE INTEGRITY OF THE EXISTING DRAINAGE SYSTEM AT ALL TIMES.
- ALL WALK PAVEMENT SHALL HAVE A MAX. 2% CROSS PITCH UNLESS OTHERWISE INDICATED ON THE PLANS.
- ALL ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON "AS-BUILT DRAWINGS".

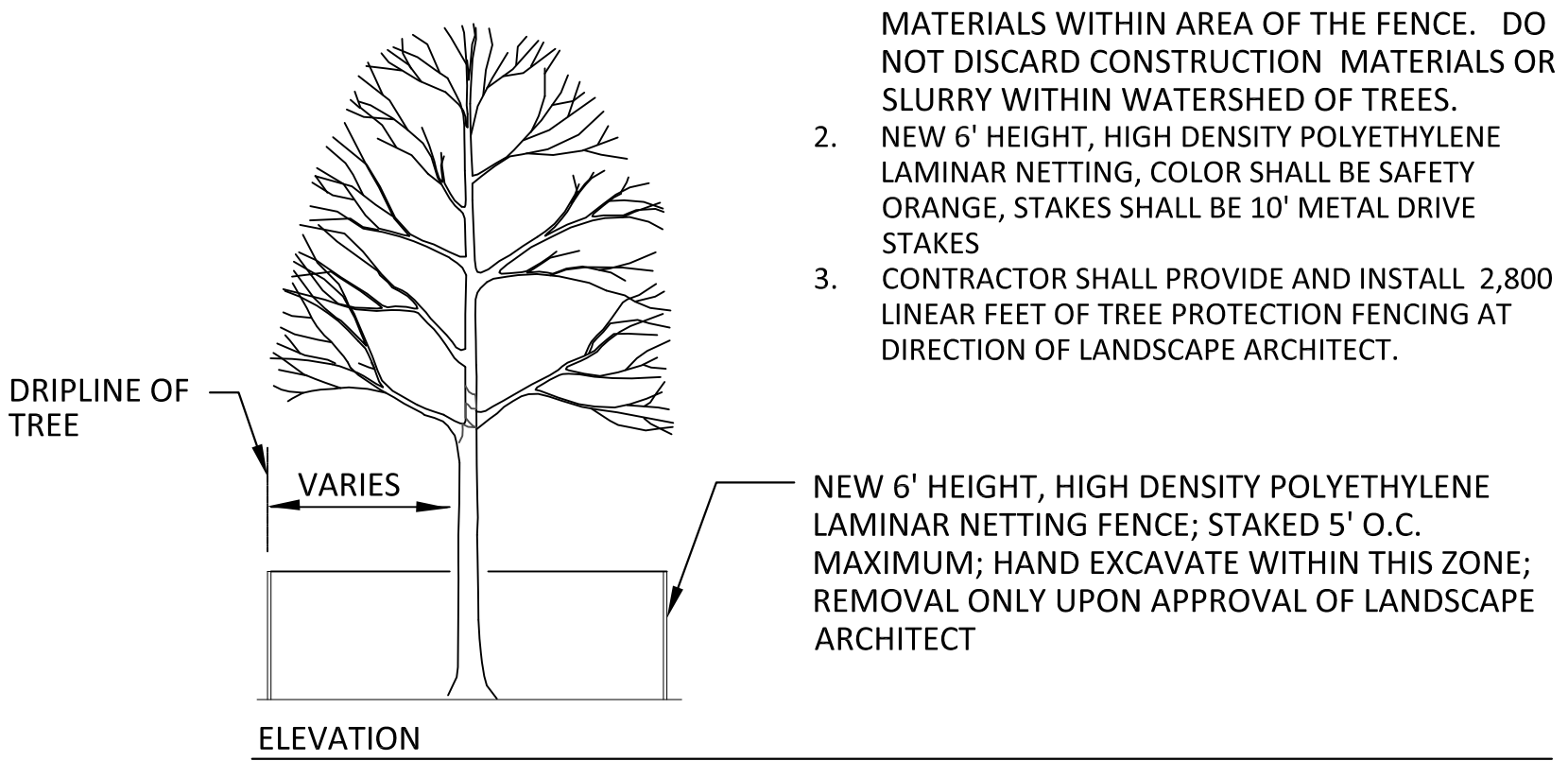
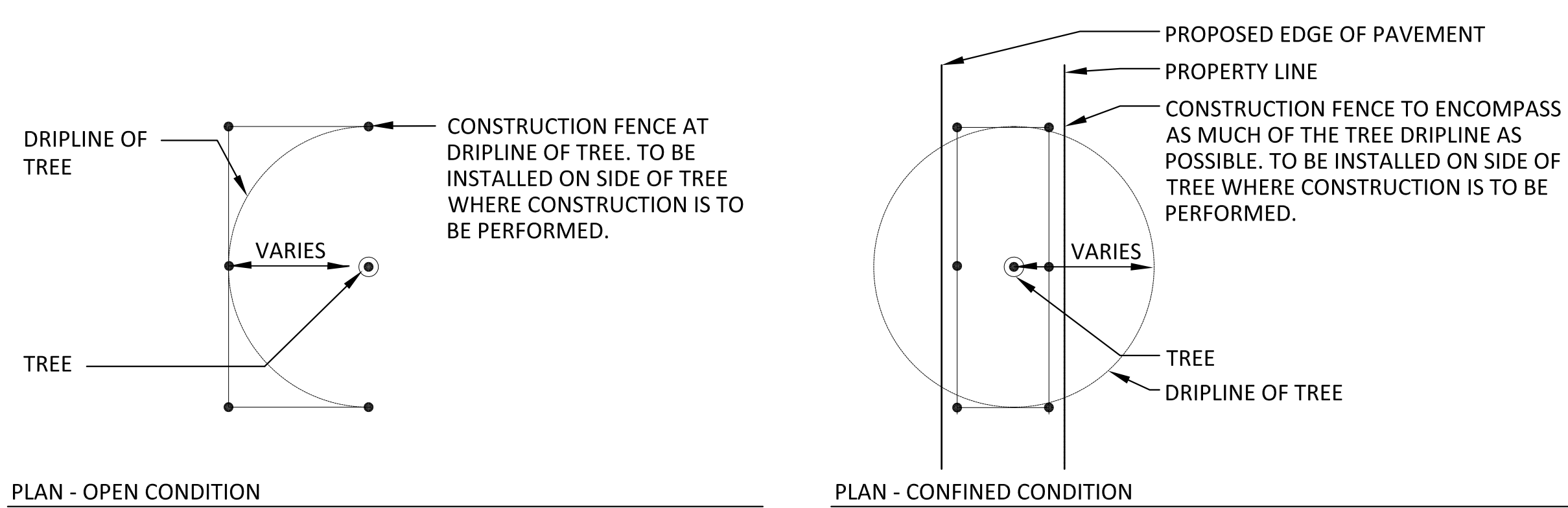


TREE PROTECTION & PRESERVATION NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL DESIGNATED EXISTING TREES FOR THE LENGTH OF THE CONSTRUCTION PERIOD. VEHICLES SHALL NOT BE PARKED WITHIN THE DRIP LINE. CONSTRUCTION MATERIALS SHALL NOT BE STORED BENEATH TREES.
- CLEAR AND GRUB, REMOVE TREES AND PLANTS ONLY AFTER ON-SITE CONSTRUCTION MEETING WITH THE LANDSCAPE ARCHITECT.
- ALL TREES WHICH ARE OUTSIDE OF THE LIMIT OF WORK SHALL NOT BE DISTURBED.

NOTE:

- DO NOT STORE ANY MACHINERY OR MATERIALS WITHIN AREA OF THE FENCE. DO NOT DISCARD CONSTRUCTION MATERIALS OR SLURRY WITHIN WATERSHED OF TREES.
- NEW 6' HEIGHT, HIGH DENSITY POLYETHYLENE LAMINAR NETTING, COLOR SHALL BE SAFETY ORANGE, STAKES SHALL BE 10" METAL DRIVE STAKES
- CONTRACTOR SHALL PROVIDE AND INSTALL 2,800 LINEAR FEET OF TREE PROTECTION FENCING AT DIRECTION OF LANDSCAPE ARCHITECT.

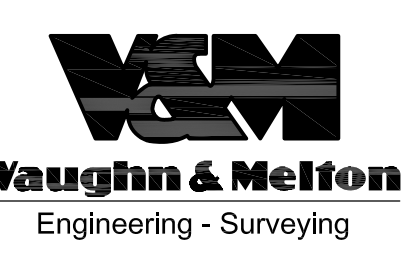


1 TREE PROTECTION FENCING
N.T.S.

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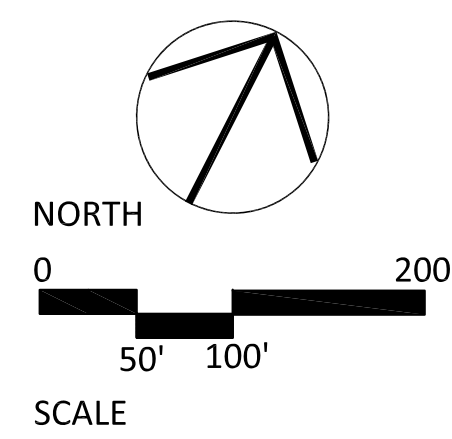
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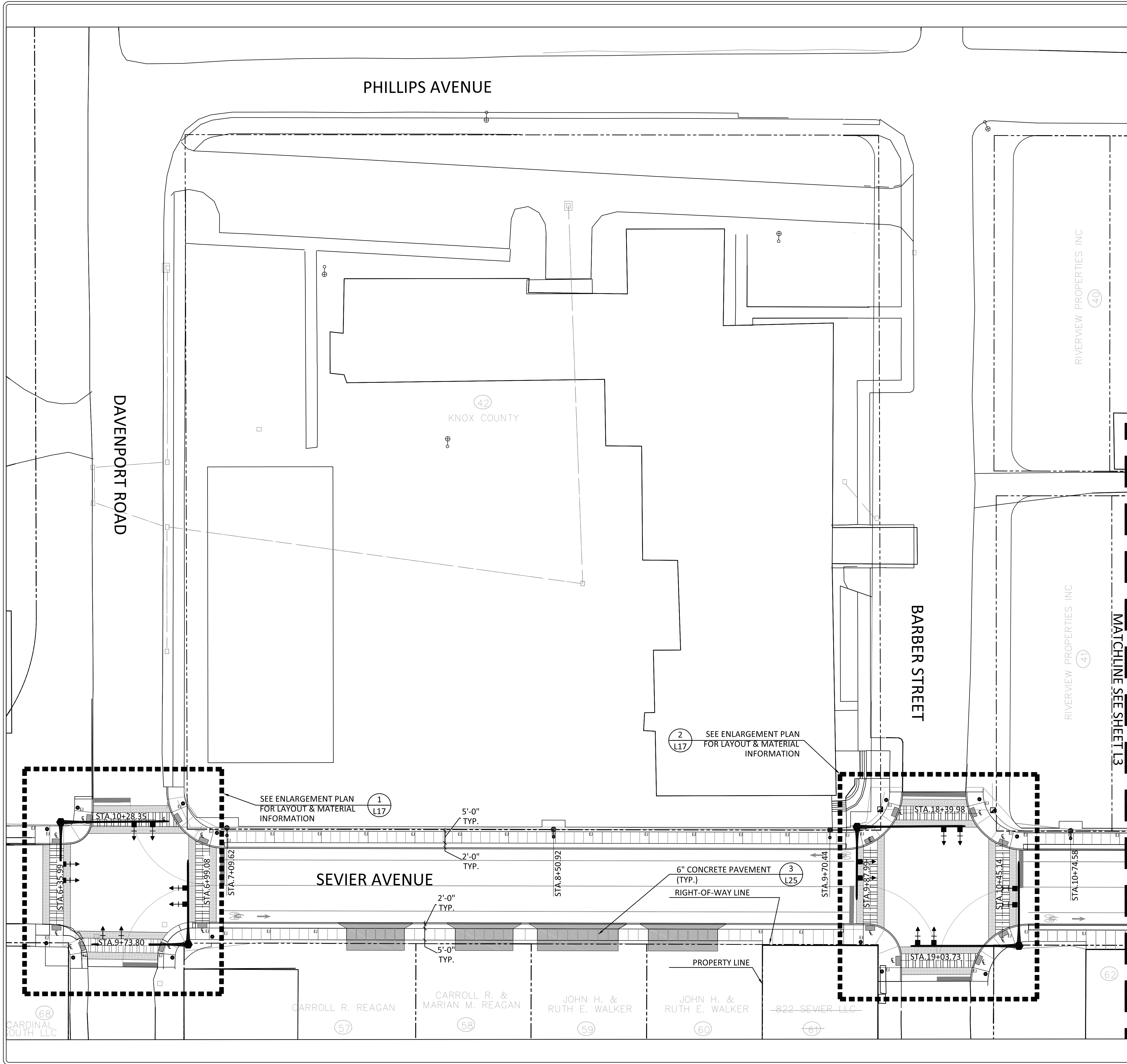
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DRAWN: NH PO	CHECKED: CB
JOB NO: 051430-37	SCALE: 1" = 20'
DATE: 08-11-2017	FILE NAME:
DRAWING TITLE: KEY PLAN AND TREE PROTECTION PLAN	
DWG OF	DRAWING NO: L1

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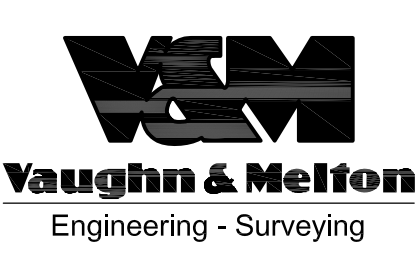
LAYOUT & MATERIAL LEGEND		
	4" CONCRETE PAVEMENT	(1) L25
	SUSPENDED SIDEWALK	(9) L25
	6" CONCRETE PAVEMENT	(3) L25
	PEDESTRIAN CROSSING	(7) L25
	ACCESSIBLE RAMP (SEE CIVIL DRAWINGS)	
	WALKWAY CONNECTION	(3) L26
	STAMPED CONCRETE	(3) L25
	TRASH AND RECYCLING RECEPTACLES	(4) L26
	BICYCLE RACK	(5) L26
	PLANTER GUARD	(1) L28
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G3 PEDESTRIAN/ VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	TREATMENT PLANTER, TYPE A	(1) L19
	TREATMENT PLANTER, TYPE B	(2) L19
	TREATMENT PLANTER TYPE C	(3) L19
	TREATMENT PLANTER TYPE D	(4) L19

- LAYOUT & MATERIAL NOTES**
- VERIFY ALL SITE CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCY BETWEEN THE PLANS AND THE ACTUAL FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE.
 - ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE PARALLEL OR PERPENDICULAR FROM FACE OF CURB, WALL, OR BUILDING, UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL LIGHT POLE FOOTINGS AND CENTER LINE OF ALL WALKWAY CONNECTIONS IN THE FIELD FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 - STATION POINTS AND CENTERLINE SHOWN FOR LIGHT POLE LAYOUT COORDINATION ONLY, VERIFY ROADWAY LAYOUT INFORMATION WITH CIVIL ENGINEER'S DRAWINGS PRIOR TO INSTALLATION.
 - WHERE NEW PAVING OR EARTHWORK MEETS EXISTING PAVING OR EARTHWORK, SMOOTHLY BLEND LINE OF EXISTING WITH NEW.
 - COORDINATE THE WORK OF ALL TRADES WITH GENERAL CONTRACTOR REGARDING ALL OTHER SITE WORK THAT MAY COINCIDE WITH THE WORK IN THE LANDSCAPE DRAWINGS.
 - STORAGE AREAS FOR THE GENERAL CONTRACTOR'S EQUIPMENT AND MATERIALS SHALL BE LOCATED WITHIN THE LIMITS OF WORK AND / OR CONSTRUCTION STAGING AREA AND SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.

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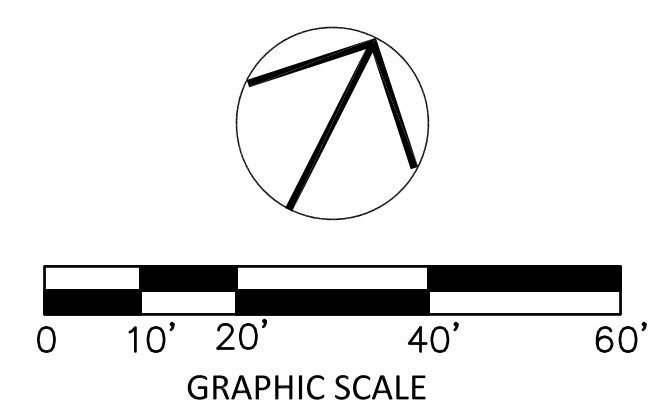
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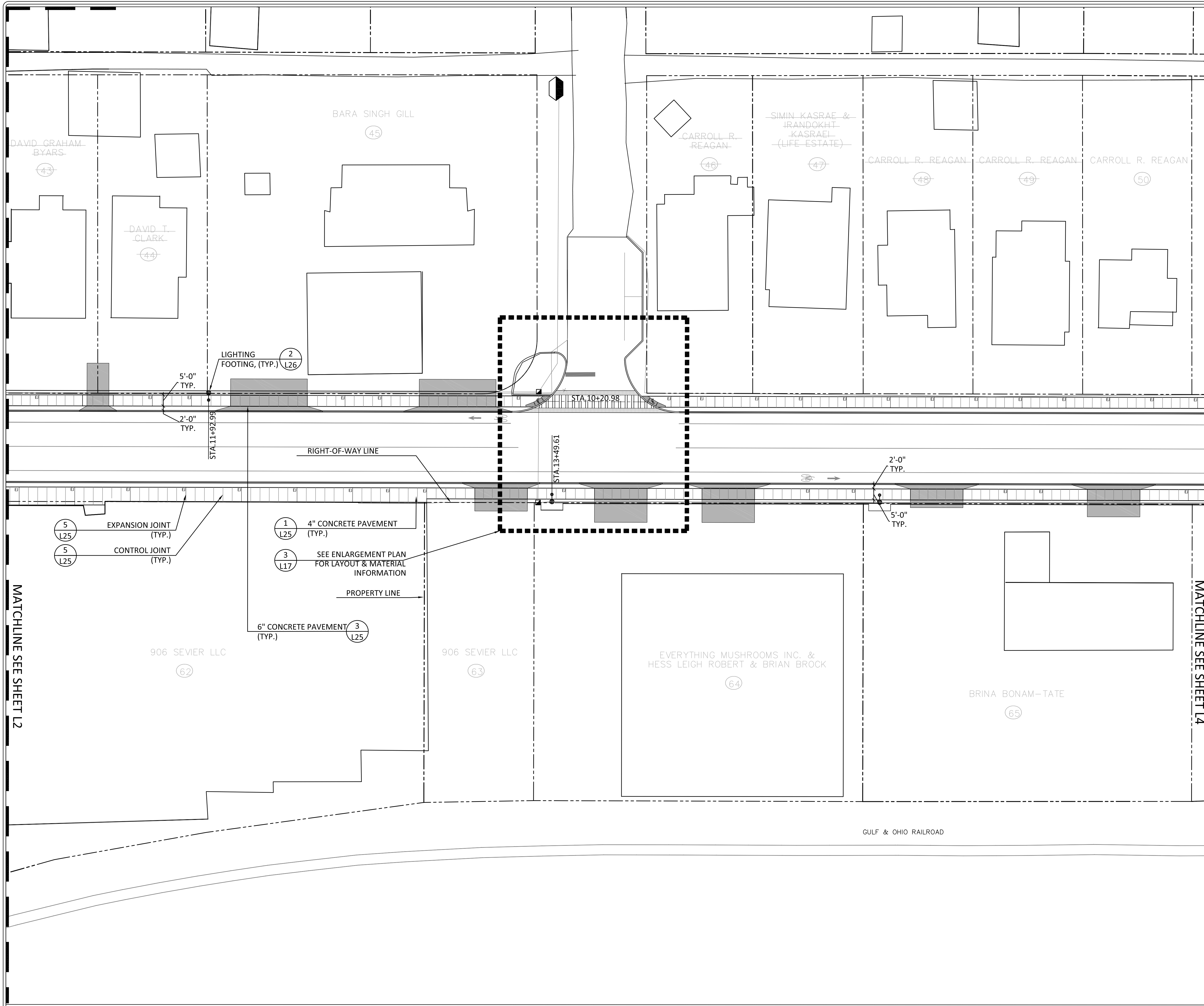
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FILE NAME:	
DRAWING TITLE:	LAYOUT AND MATERIALS PLAN
DWG	DRAWING NO:
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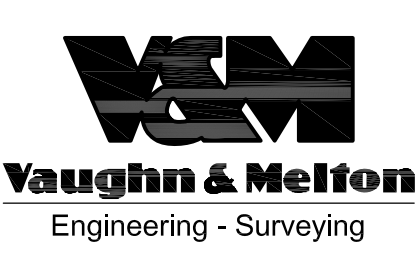
LAYOUT & MATERIAL LEGEND		
	4" CONCRETE PAVEMENT	(1) L25
	SUSPENDED SIDEWALK	(9) L25
	6" CONCRETE PAVEMENT	(3) L25
	PEDESTRIAN CROSSING	(7) L25
	ACCESSIBLE RAMP (SEE CIVIL DRAWINGS)	
	WALKWAY CONNECTION	(3) L26
	STAMPED CONCRETE	(3) L25
	TRASH AND RECYCLING RECEPTACLES	(4) L26
	BICYCLE RACK	(5) L26
	PLANTER GUARD	(1) L28
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G3 PEDESTRIAN/VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	TREATMENT PLANTER, TYPE A	(1) L19
	TREATMENT PLANTER, TYPE B	(2) L19
	TREATMENT PLANTER TYPE C	(3) L19
	TREATMENT PLANTER TYPE D	(4) L19

SEE SHEET L2 FOR APPLICABLE NOTES.

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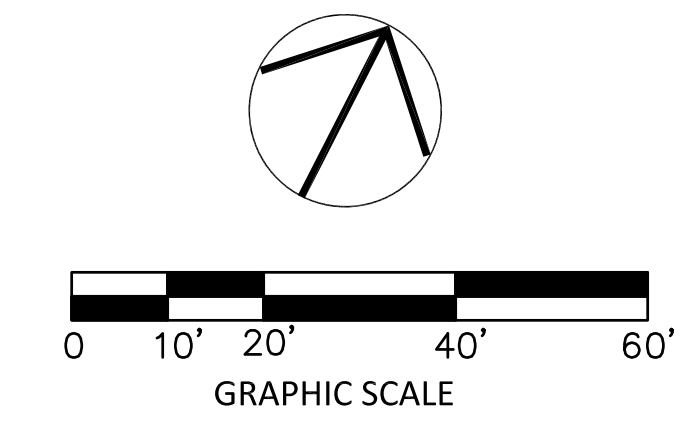
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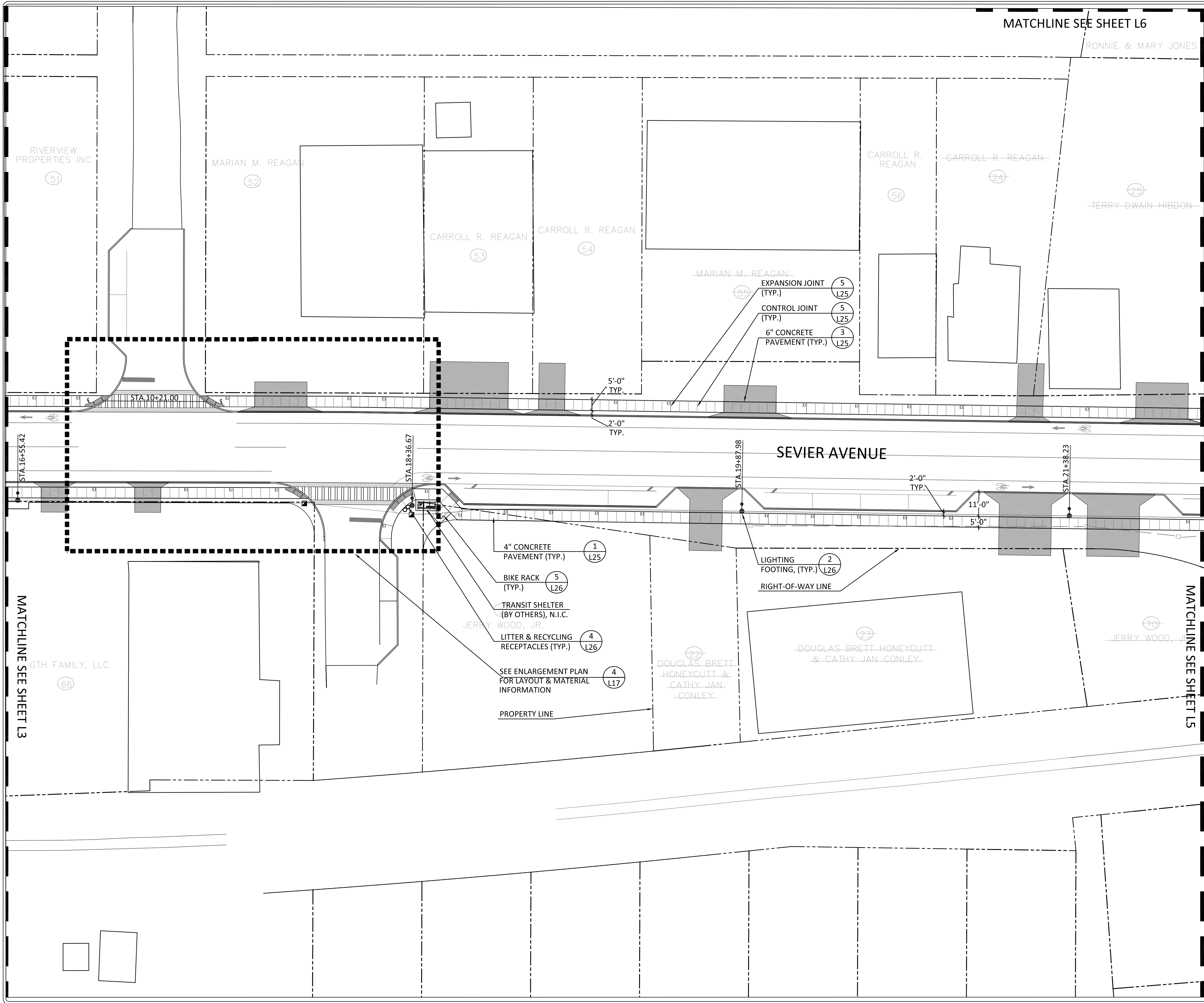
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DATE: 08-11-2017	
FILE NAME:	
DRAWING TITLE:	
LAYOUT AND MATERIALS PLAN	

MATCHLINE SEE SHEET L2

MATCHLINE SEE SHEET L4



MATCHLINE SEE SHEET L6

RONNIE & MARY JONES

RIVERVIEW PROPERTIES INC (51)

MARIAN M. REAGAN (52)

CARROLL R. REAGAN (53) CARROLL R. REAGAN (54)

CARROLL R. REAGAN (56)

CARROLL R. REAGAN (27)

TERRY DWAIN HIBDON (25)

MARIAN M. REAGAN (55)

- EXPANSION JOINT (TYP.) (5) (L25)
- CONTROL JOINT (TYP.) (5) (L25)
- 6" CONCRETE PAVEMENT (TYP.) (3) (L25)

5'-0" TYP.
2'-0" TYP.

SEVIER AVENUE

STA. 19+87.98

STA. 21+38.23

4" CONCRETE PAVEMENT (TYP.) (1) (L25)

BIKE RACK (TYP.) (5) (L26)

TRANSIT SHELTER (BY OTHERS), N.I.C.

LITTER & RECYCLING RECEPTACLES (TYP.) (4) (L26)

SEE ENLARGEMENT PLAN FOR LAYOUT & MATERIAL INFORMATION (4) (L17)

PROPERTY LINE

LIGHTING FOOTING, (TYP.) (2) (L26)

RIGHT-OF-WAY LINE

DOUGLAS BRETT HONEYCUTT & CATHY JAN CONLEY (22)

DOUGLAS BRETT HONEYCUTT & CATHY JAN CONLEY (23)

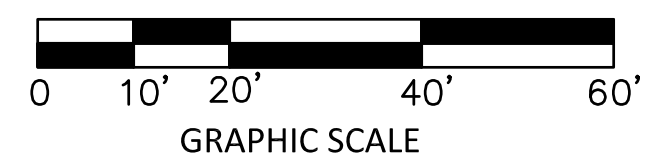
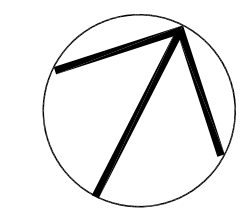
JERRY WOOD, JR. (70)

MATCHLINE SEE SHEET L3

MATCHLINE SEE SHEET L5

LAYOUT & MATERIAL LEGEND		
	4" CONCRETE PAVEMENT	(1) (L25)
	SUSPENDED SIDEWALK	(9) (L25)
	6" CONCRETE PAVEMENT	(3) (L25)
	PEDESTRIAN CROSSING	(7) (L25)
	ACCESSIBLE RAMP (SEE CIVIL DRAWINGS)	
	WALKWAY CONNECTION	(3) (L26)
	STAMPED CONCRETE	(3) (L25)
	TRASH AND RECYCLING RECEPTACLES	(4) (L26)
	BIKE RACK	(5) (L26)
	PLANTER GUARD	(1) (L28)
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	(2) (L26)
	G3 PEDESTRIAN/VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) (L26)
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) (L26)
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	TREATMENT PLANTER, TYPE A	(1) (L19)
	TREATMENT PLANTER, TYPE B	(2) (L19)
	TREATMENT PLANTER TYPE C	(3) (L19)
	TREATMENT PLANTER TYPE D	(4) (L19)

SEE SHEET L2 FOR APPLICABLE NOTES.



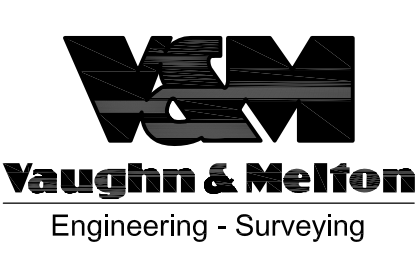
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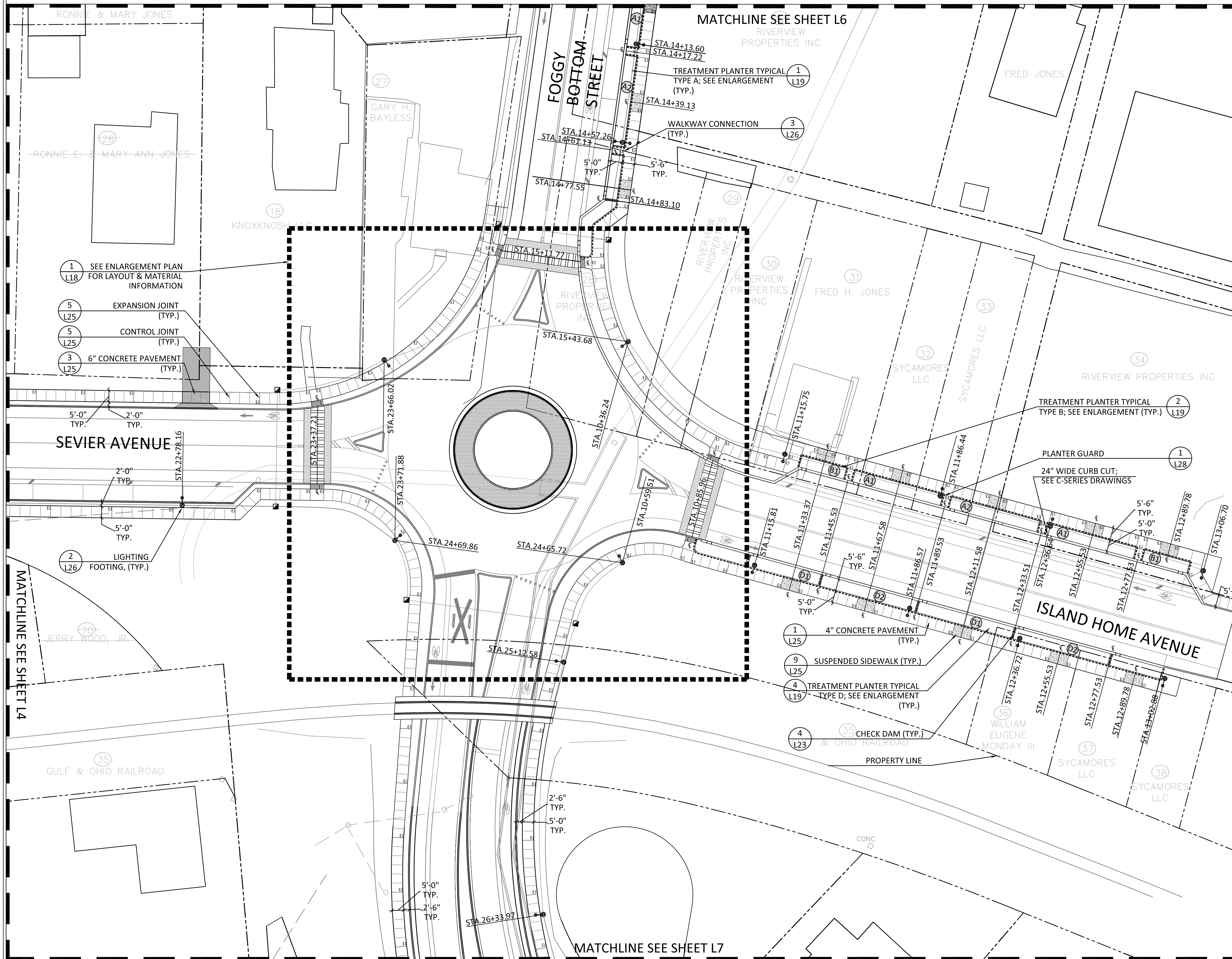
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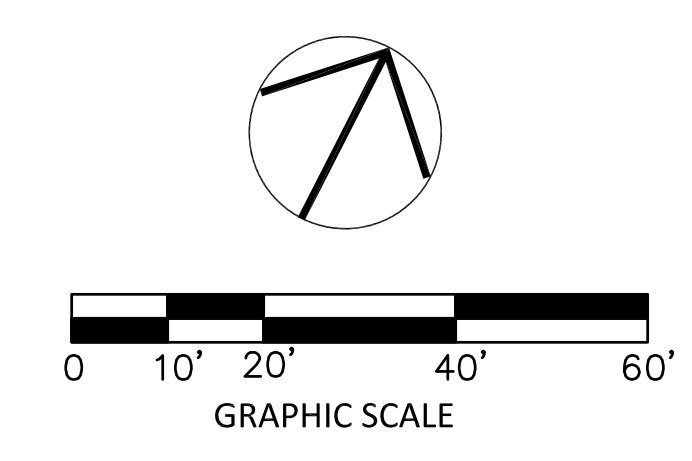
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DWG OF DRAWING NO: L4



LAYOUT & MATERIAL LEGEND

	4" CONCRETE PAVEMENT	1/25
	SUSPENDED SIDEWALK	9/25
	6" CONCRETE PAVEMENT	3/25
	PEDESTRIAN CROSSING	7/25
	ACCESSIBLE RAMP (SEE CIVIL DRAWINGS)	
	WALKWAY CONNECTION	3/26
	STAMPED CONCRETE	3/25
	TRASH AND RECYCLING RECEPTACLES	4/26
	BICYCLE RACK	5/26
	PLANTER GUARD	1/28
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	2/26
	G3 PEDESTRIAN/ VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	2/26
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	2/26
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	TREATMENT PLANTER, TYPE A	1/19
	TREATMENT PLANTER, TYPE B	2/19
	TREATMENT PLANTER TYPE C	3/19
	TREATMENT PLANTER TYPE D	4/19

SEE SHEET L2 FOR APPLICABLE NOTES.



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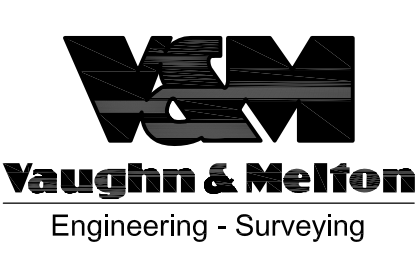
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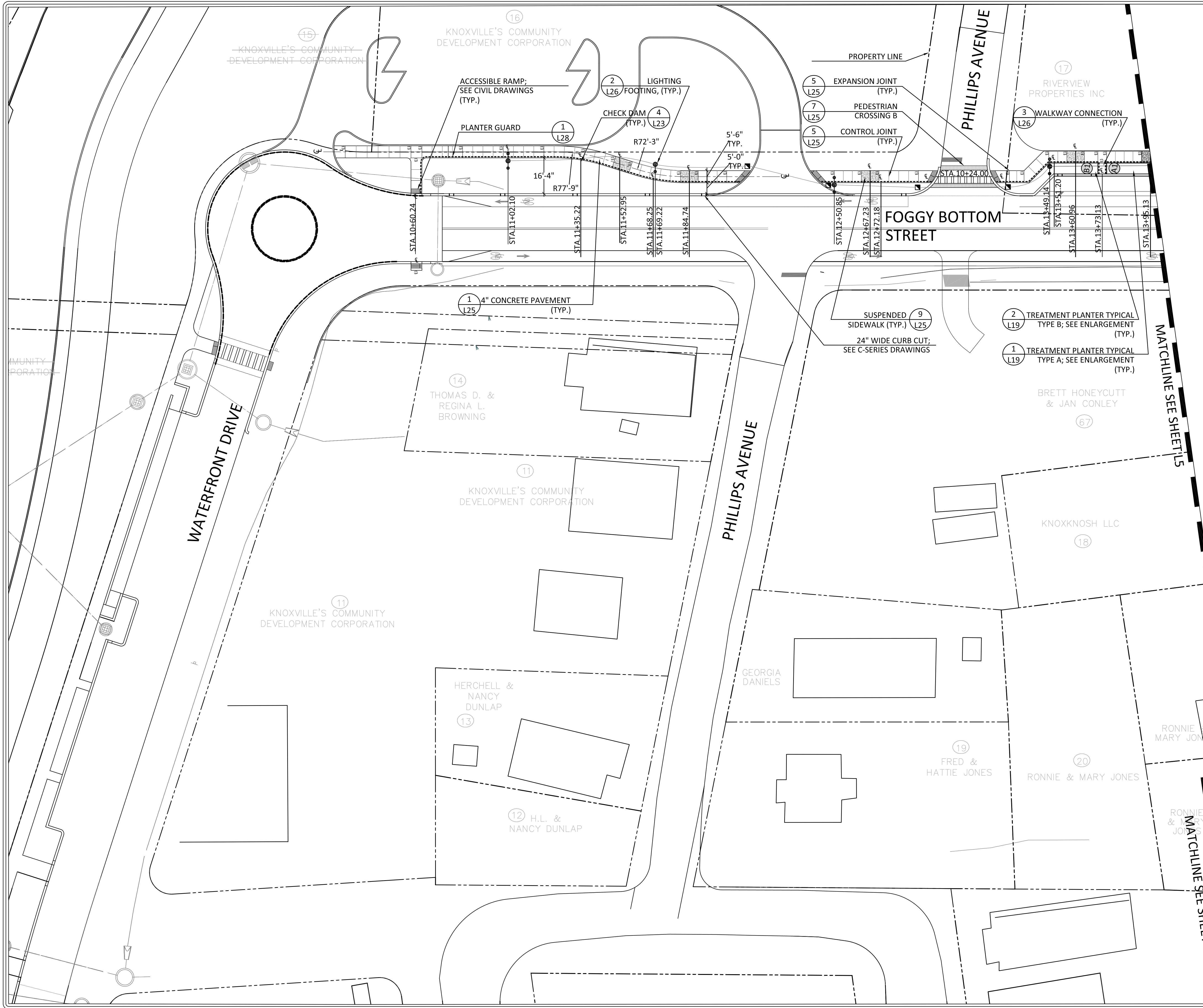
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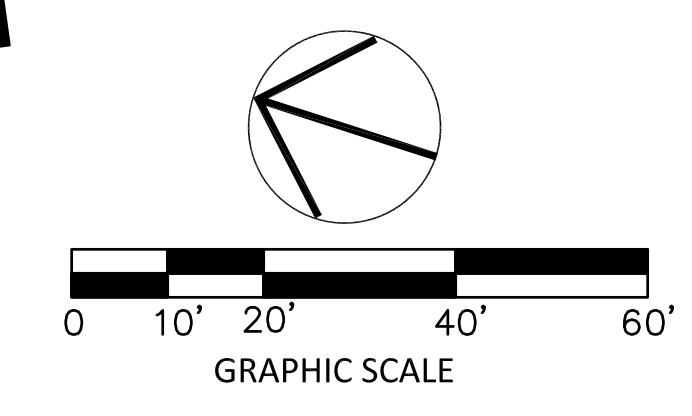
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DWG	DRAWING NO: L5



LAYOUT & MATERIAL LEGEND		
	4" CONCRETE PAVEMENT	(1) L25
	SUSPENDED SIDEWALK	(9) L25
	6" CONCRETE PAVEMENT	(3) L25
	PEDESTRIAN CROSSING	(7) L25
	ACCESSIBLE RAMP (SEE CIVIL DRAWINGS)	
	WALKWAY CONNECTION	(3) L26
	STAMPED CONCRETE	(3) L25
	TRASH AND RECYCLING RECEPTACLES	(4) L26
	BICYCLE RACK	(5) L26
	PLANTER GUARD	(1) L28
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G3 PEDESTRIAN/VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	TREATMENT PLANTER, TYPE A	(1) L19
	TREATMENT PLANTER, TYPE B	(2) L19
	TREATMENT PLANTER, TYPE C	(3) L19
	TREATMENT PLANTER, TYPE D	(4) L19

SEE SHEET L2 FOR APPLICABLE NOTES.



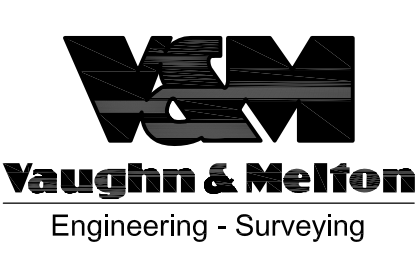
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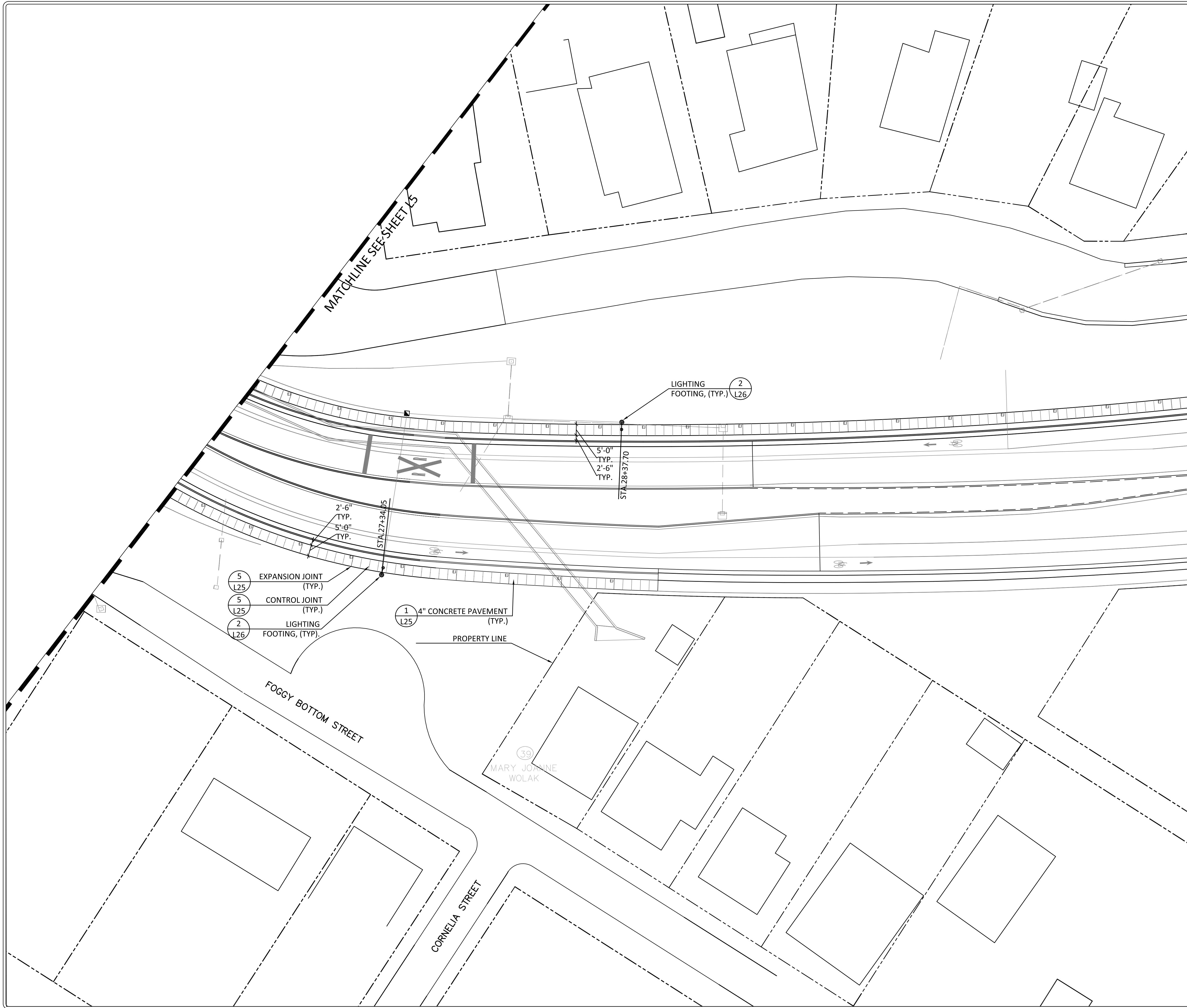
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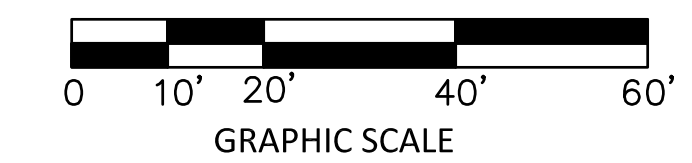
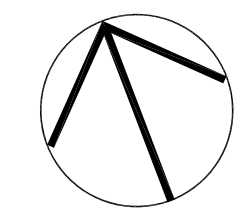
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SCALE: 1" = 20'	OF
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FILE NAME:	



LAYOUT & MATERIAL LEGEND		
	4" CONCRETE PAVEMENT	(1) L25
	SUSPENDED SIDEWALK	(9) L25
	6" CONCRETE PAVEMENT	(3) L25
	PEDESTRIAN CROSSING	(7) L25
	ACCESSIBLE RAMP (SEE CIVIL DRAWINGS)	
	WALKWAY CONNECTION	(3) L26
	STAMPED CONCRETE	(3) L25
	TRASH AND RECYCLING RECEPTACLES	(4) L26
	BICYCLE RACK	(5) L26
	PLANTER GUARD	(1) L28
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G3 PEDESTRIAN/ VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	(2) L26
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	TREATMENT PLANTER, TYPE A	(1) L19
	TREATMENT PLANTER, TYPE B	(2) L19
	TREATMENT PLANTER TYPE C	(3) L19
	TREATMENT PLANTER TYPE D	(4) L19

SEE SHEET L2 FOR APPLICABLE NOTES.



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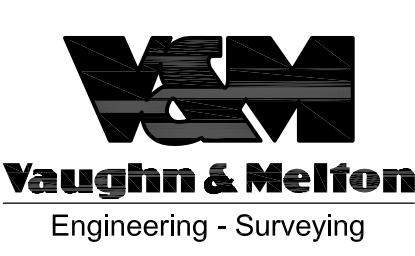
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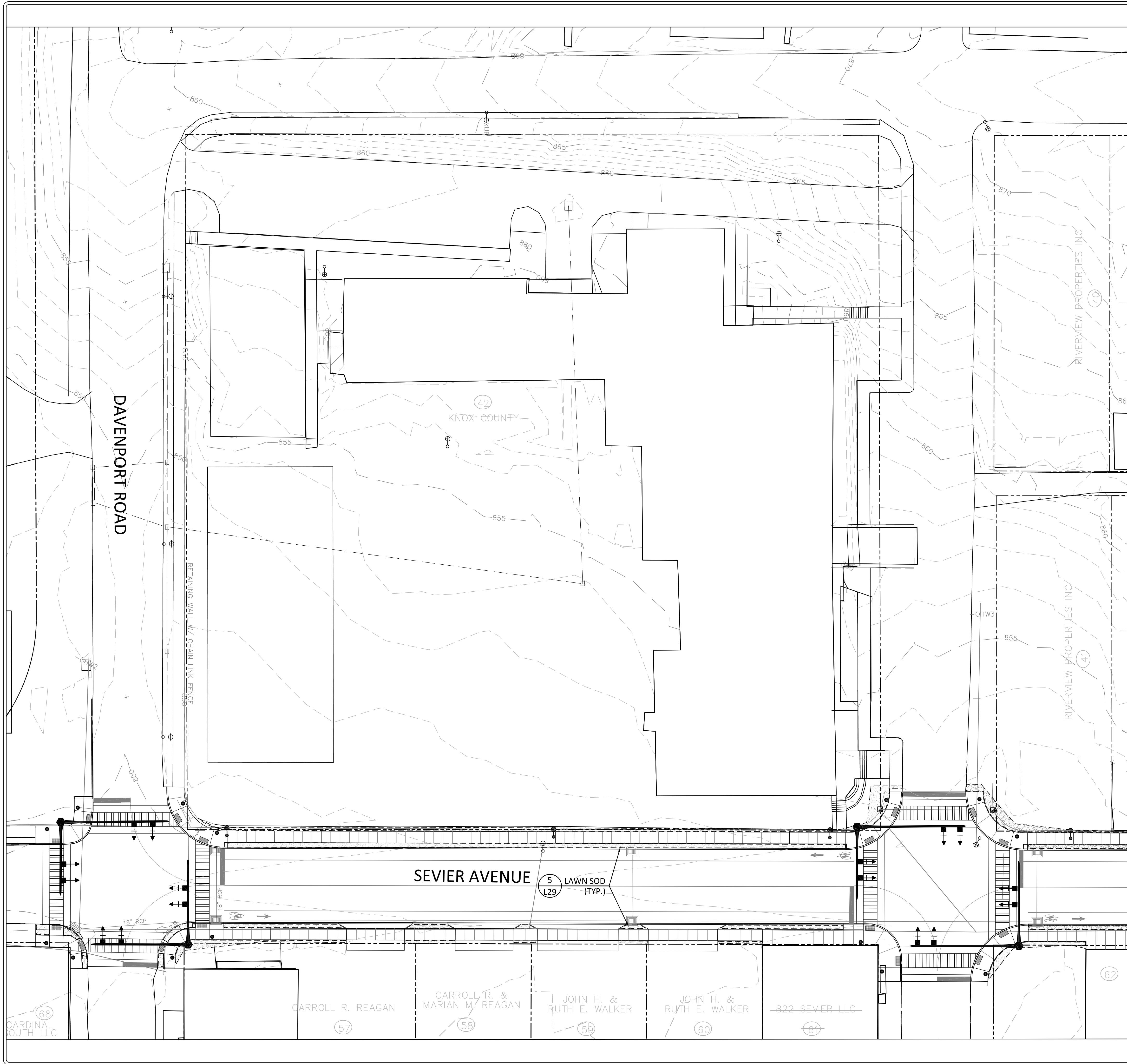
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SCALE: 1" = 20'	OF
DATE: 08-11-2017	
FILE NAME:	



PLANTING LEGEND

	MULCH RING		
	DECIDUOUS / EVERGREEN SHRUBS	3 L29	2 L30
	GROUNDCOVER/ PERENNIALS	4 L29	3 L30
	LAWN	5 L29	
	TREATMENT PLANTER - TYPE A	1 L20	
	TREATMENT PLANTER - TYPE B	2 L20	
	TREATMENT PLANTER - TYPE C	3 L20	
	TREATMENT PLANTER - TYPE D	4 L20	
	SEE TREATMENT PLANTER PLANTING DETAILS		
	SEE UPLAND PLANTER PLANTING DETAILS		
	RIVERSTONE SWALE	6 L21	

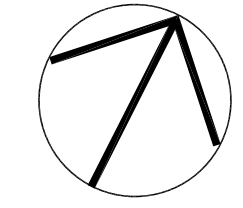
SEE SHEET L31 FOR PLANT SCHEDULE

GENERAL NOTES

1. ALL PLANT MATERIAL SHALL BE SELECTED FROM THE PLANT PALETTES AND SCHEDULE LOCATED ON SHEET L34-36.
2. ALL PLANT MATERIAL WILL BE IDENTIFIED WITHIN THIS DRAWING PACKAGE AT THE TIME OF THE FINAL BID SET.

PLANTING NOTES

1. ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
2. ALL NEW PLANTS SHALL BE BALLED AND BURLAPPED UNLESS OTHERWISE NOTED ON THE PLANT SCHEDULE.
3. THE GENERAL CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
4. ALL NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE OWNER'S REPRESENTATIVE AT THE NURSERY.
5. THE GENERAL CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE.
6. PLANTS SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE PLUS PLANTING SOIL AS THEY BORE TO PREVIOUS GRADE. SEE DECIDUOUS TREE PLANTING DETAILS.
7. STAKE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF PLANTING.
8. ALL TURF AREAS OUTSIDE THE LIMIT OF WORK LINE DISTURBED DURING CONSTRUCTION SHALL BE STRIPPED OF TOPSOIL AND SPREAD WITH MINIMUM 8 INCHES OF APPROVED PLANTING SOIL. ALL PLANTING AREAS OUTSIDE THE LIMIT OF WORK LINE DISTURBED DURING CONSTRUCTION SHALL BE CLEARED AND GRUBBED, STRIPPED OF TOPSOIL AND SPREAD WITH 18 INCHES OF PLANTING SOIL, AND REPLANTED AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
9. ALL PLANT BEDS ARE TO RECEIVE SHREDDED BARK MULCH AS SHOWN IN THE PLANTING DETAILS AND AS SPECIFIED.
10. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, AND BRANCHING HABIT ONLY AS APPROVED BY THE OWNER'S REPRESENTATIVE.
11. SEED ONLY AFTER PLANTING SOIL HAS BEEN SPREAD AND PREPARED IN ACCORDANCE WITH THE SPECIFICATION
12. PREPARE ALL SHRUB BEDS WITH PLANTING SOIL TO A MINIMUM DEPTH MATCHING THE DEPTH OF SHRUB ROOT BALLS.
13. MULCH RINGS SHALL ALIGN AND CENTER ON TREEWAYS WHERE TREEWAYS ARE PRESENT.



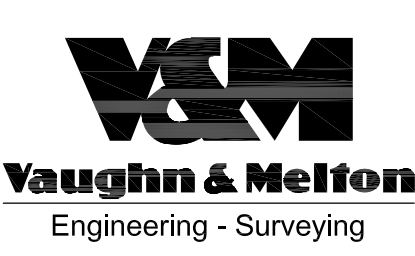
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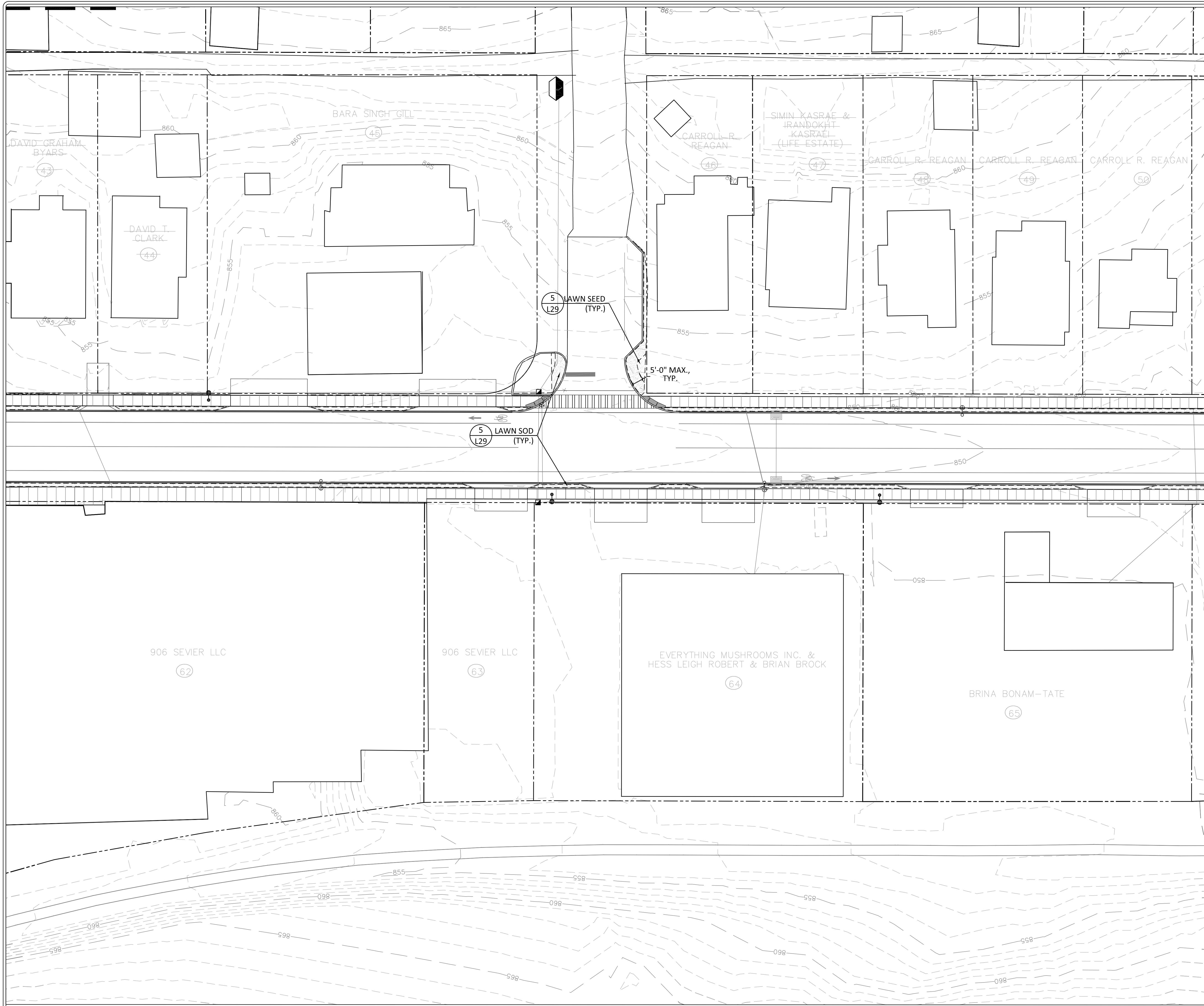
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PLANTING LEGEND

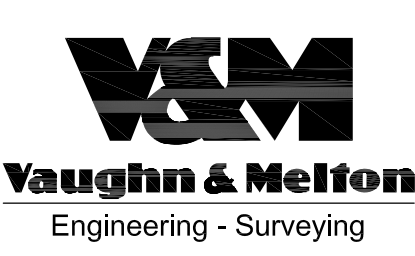
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	GROUNDCOVER/ PERENNIALS	4 L29	3 L30
	LAWN	5 L29	
	TREATMENT PLANTER - TYPE A	1 L20	
	TREATMENT PLANTER - TYPE B	2 L20	
	TREATMENT PLANTER - TYPE C	3 L20	
	TREATMENT PLANTER - TYPE D	4 L20	
	SEE TREATMENT PLANTER PLANTING DETAILS		
	SEE UPLAND PLANTER PLANTING DETAILS		
	RIVERSTONE SWALE	6 L21	

SEE SHEET L9 FOR APPLICABLE NOTES.

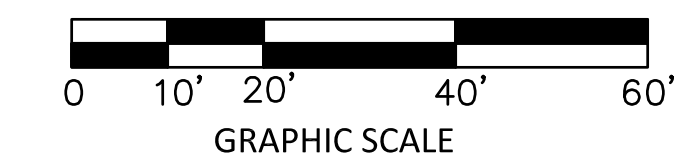
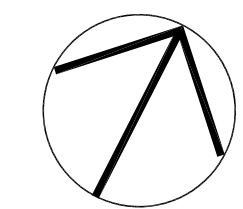
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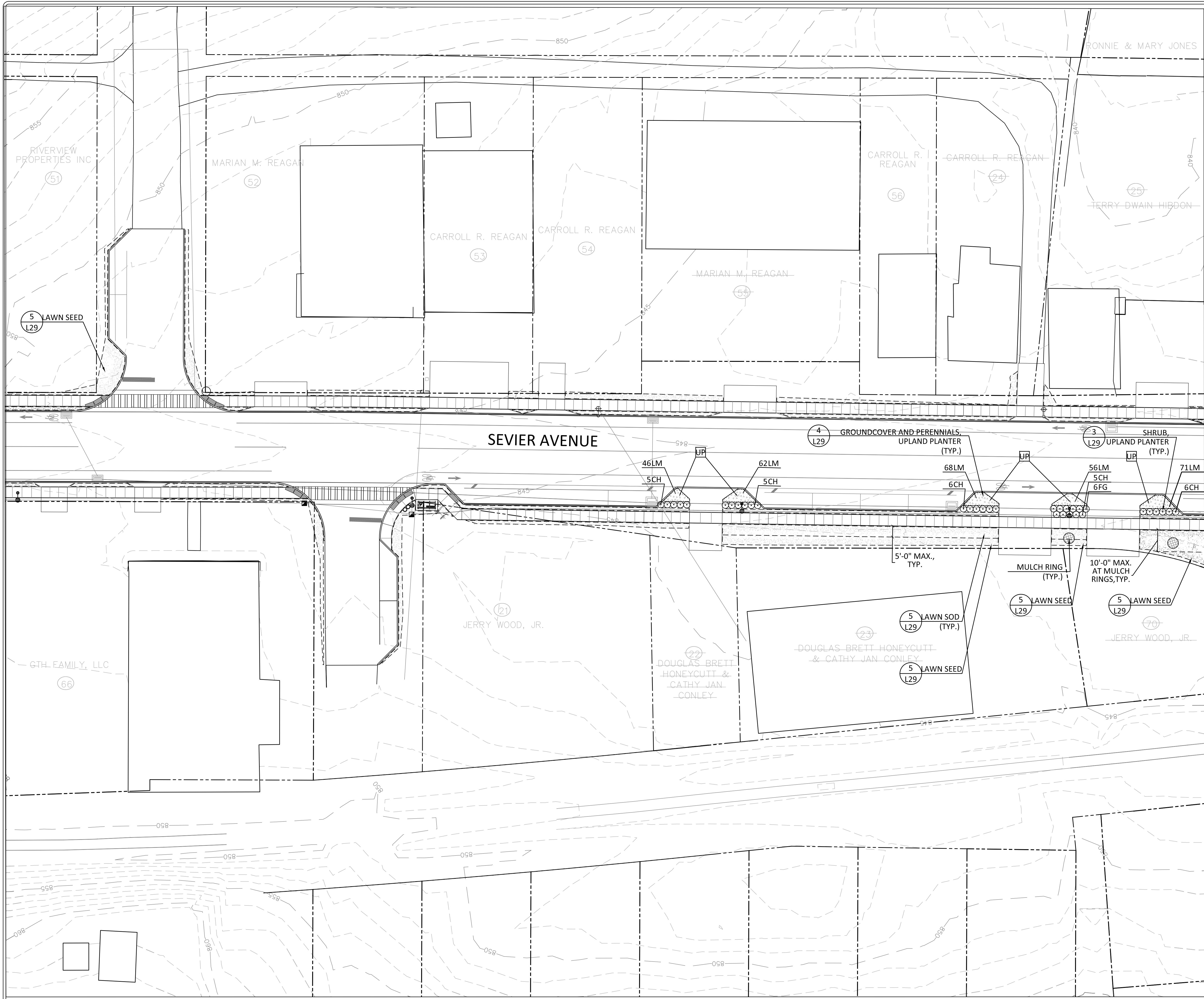


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PLANTING LEGEND

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	GROUNDCOVER/ PERENNIALS	4 L29	3 L30
	LAWN	5 L29	
	TREATMENT PLANTER - TYPE A	1 L20	
	TREATMENT PLANTER - TYPE B	2 L20	
	TREATMENT PLANTER - TYPE C	3 L20	
	TREATMENT PLANTER - TYPE D	4 L20	
	SEE TREATMENT PLANTER PLANTING DETAILS		
	SEE UPLAND PLANTER PLANTING DETAILS		
	RIVERSTONE SWALE	6 L21	

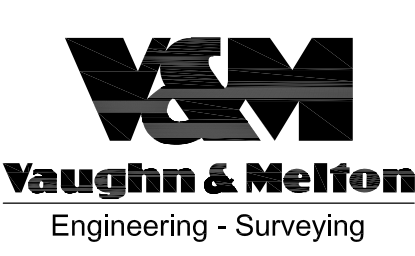
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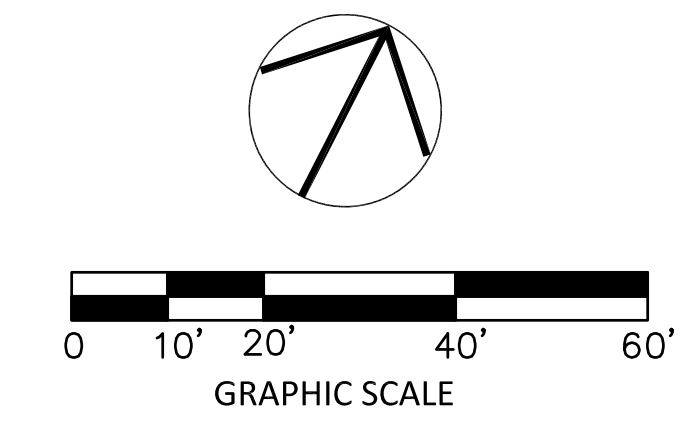
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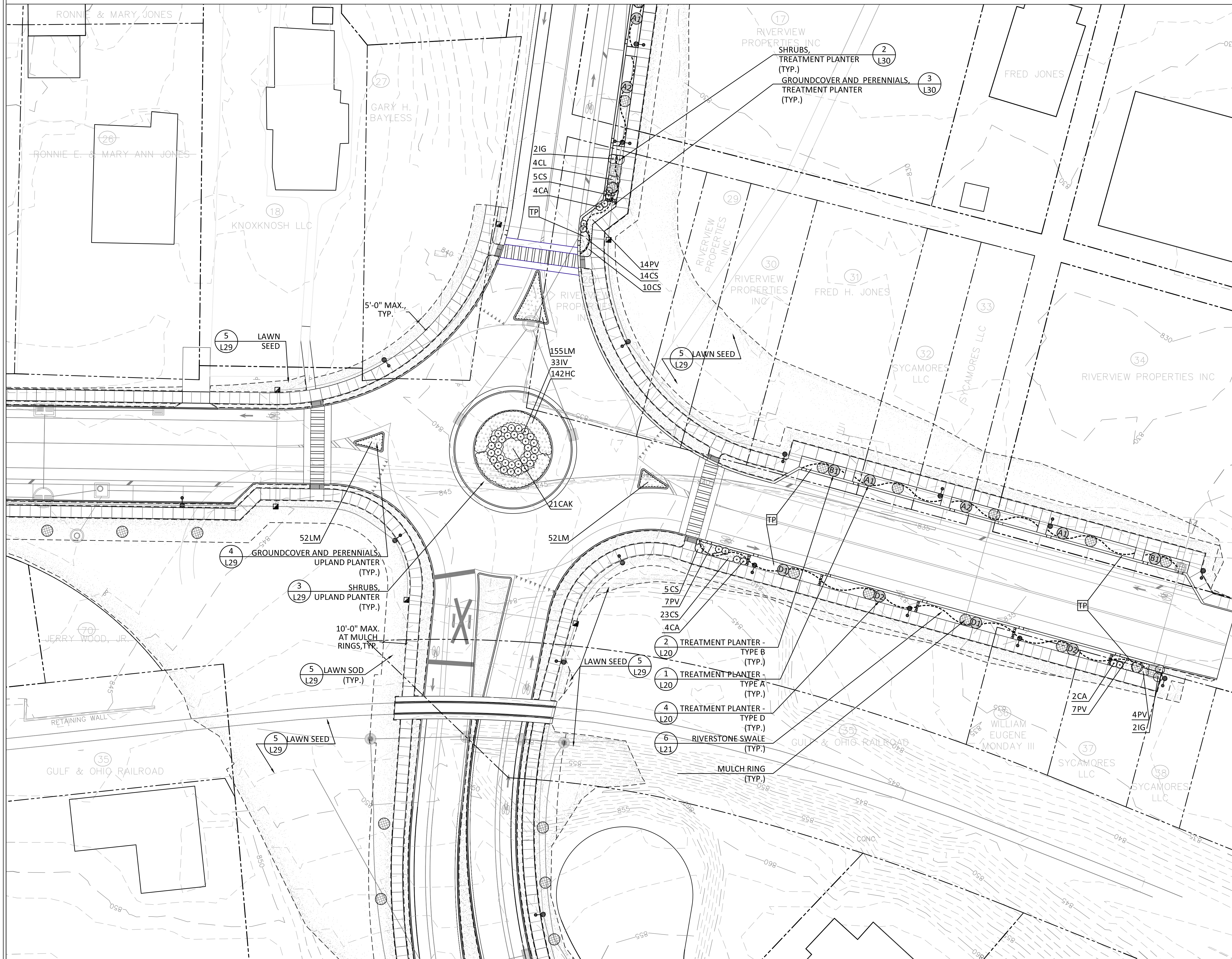
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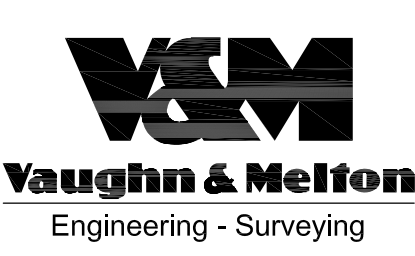
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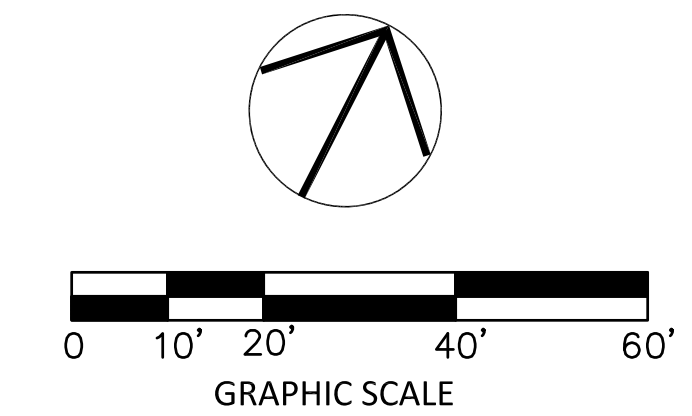
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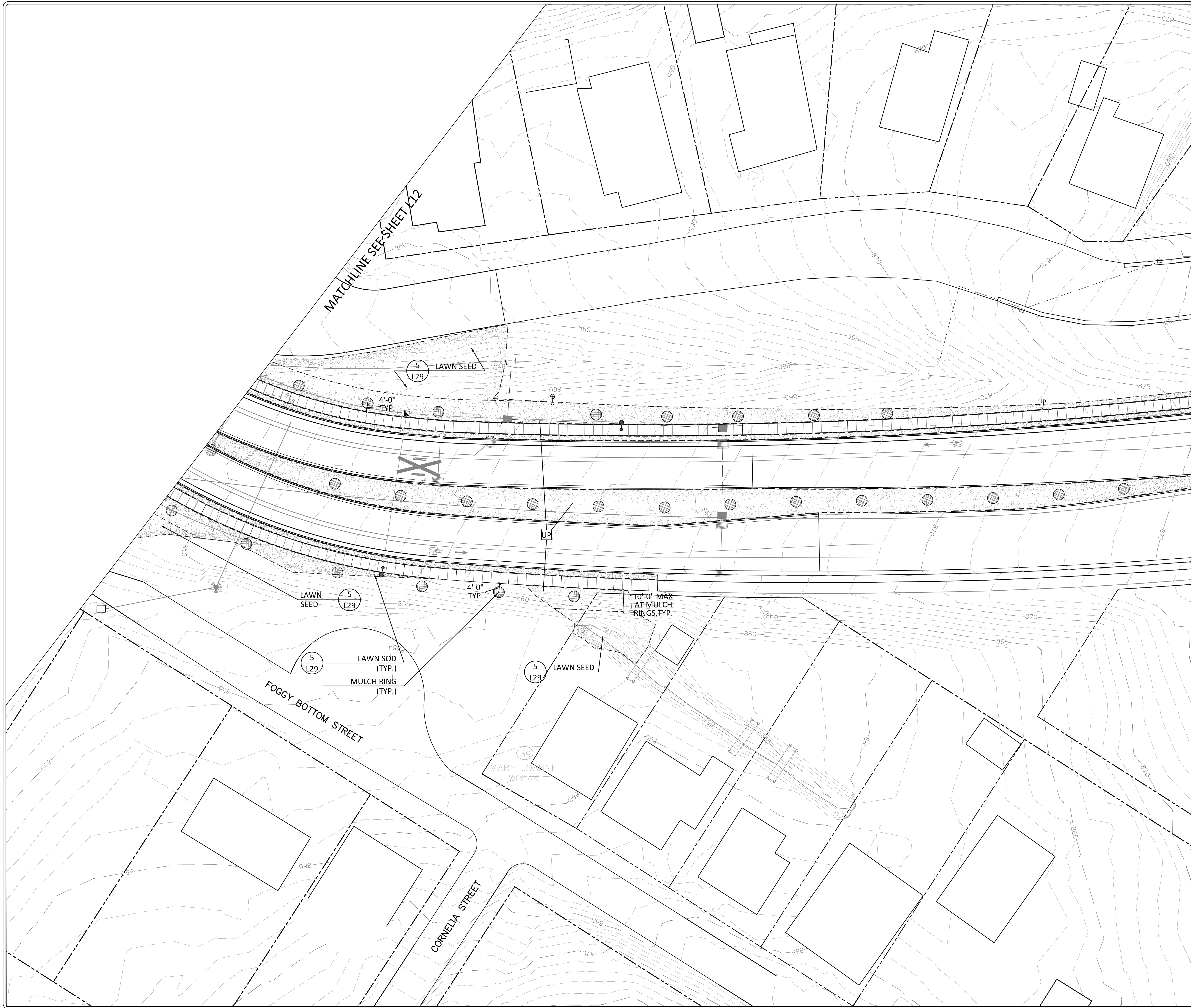
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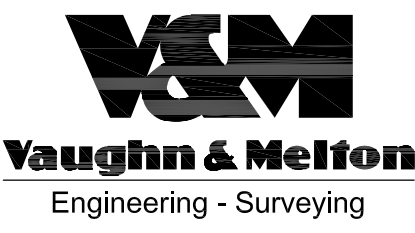
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	GROUNDCOVER/ PERENNIALS	4 L29	3 L30
	LAWN	5 L29	
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	TREATMENT PLANTER - TYPE B	2 L20	
	TREATMENT PLANTER - TYPE C	3 L20	
	TREATMENT PLANTER - TYPE D	4 L20	
	SEE TREATMENT PLANTER PLANTING DETAILS		
	SEE UPLAND PLANTER PLANTING DETAILS		
	RIVERSTONE SWALE	6 L21	

SEE SHEET L9 FOR APPLICABLE NOTES.

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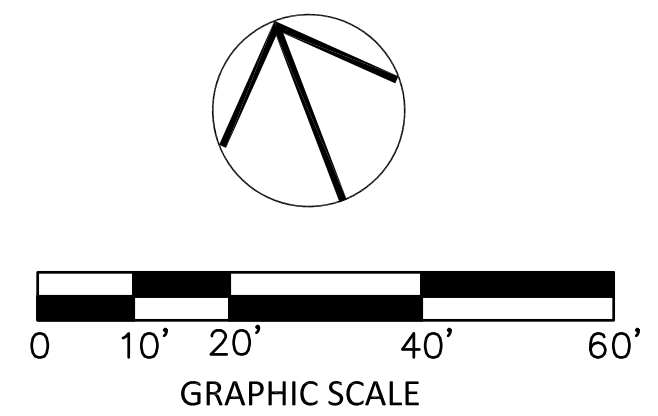
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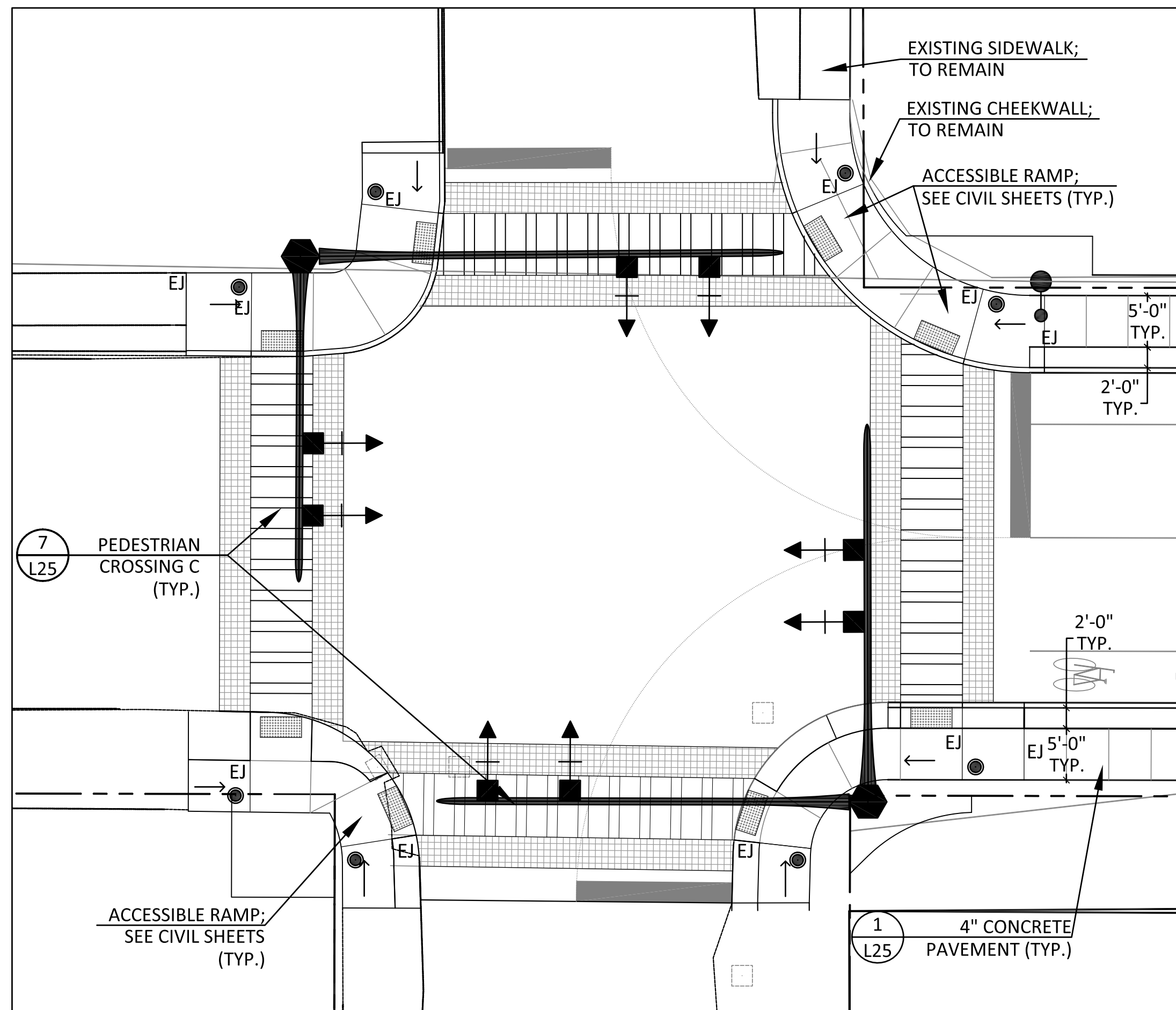
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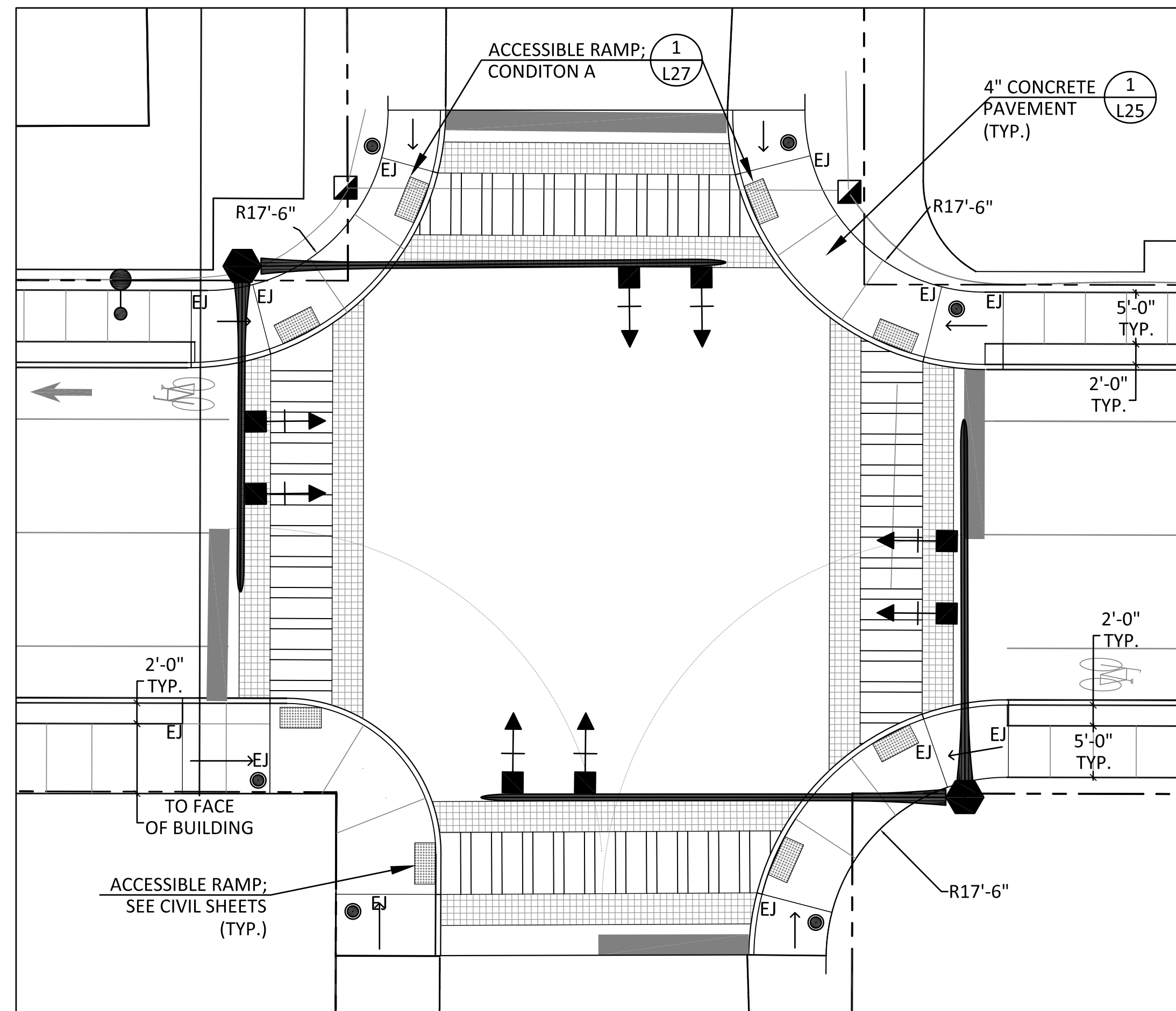
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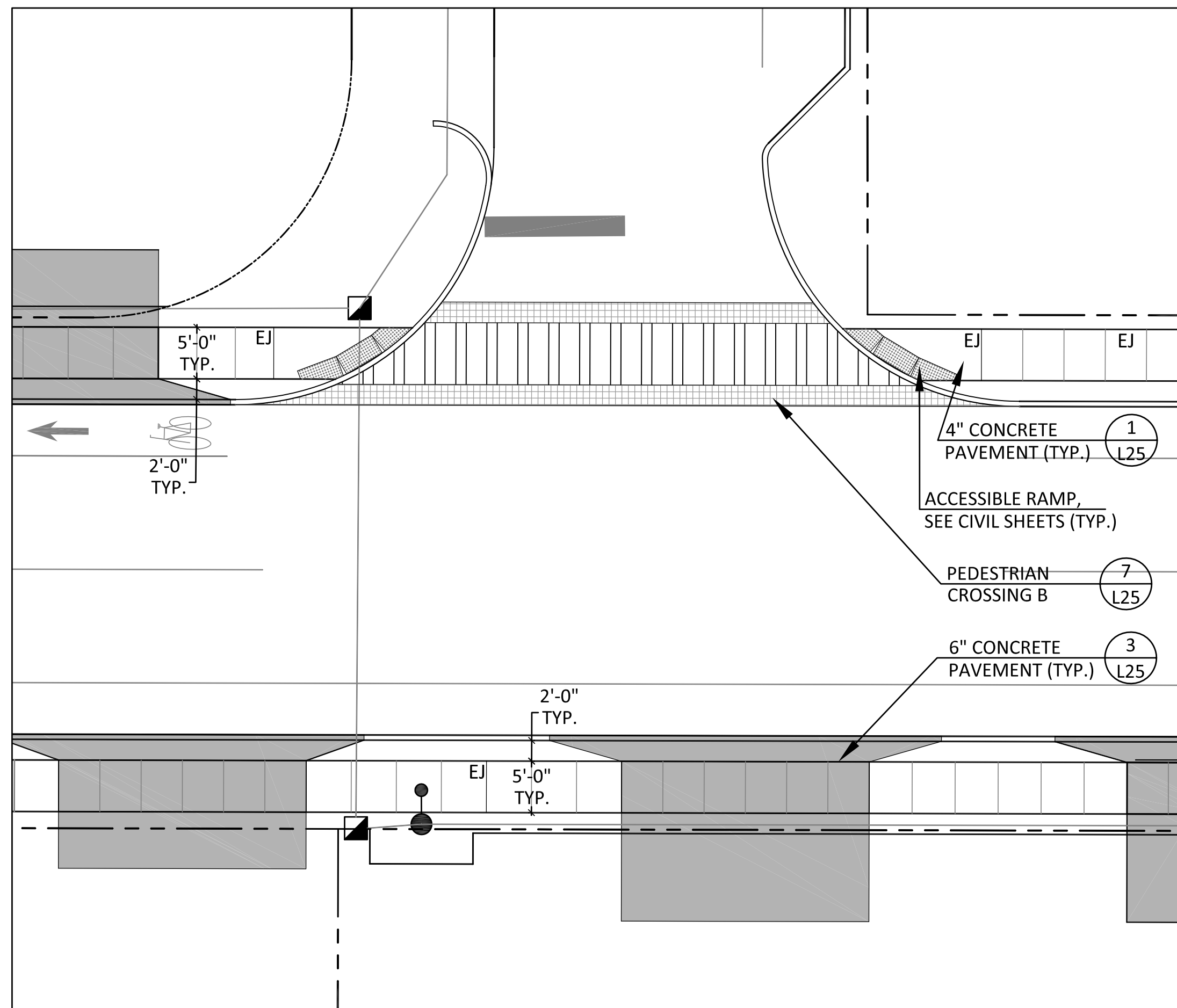
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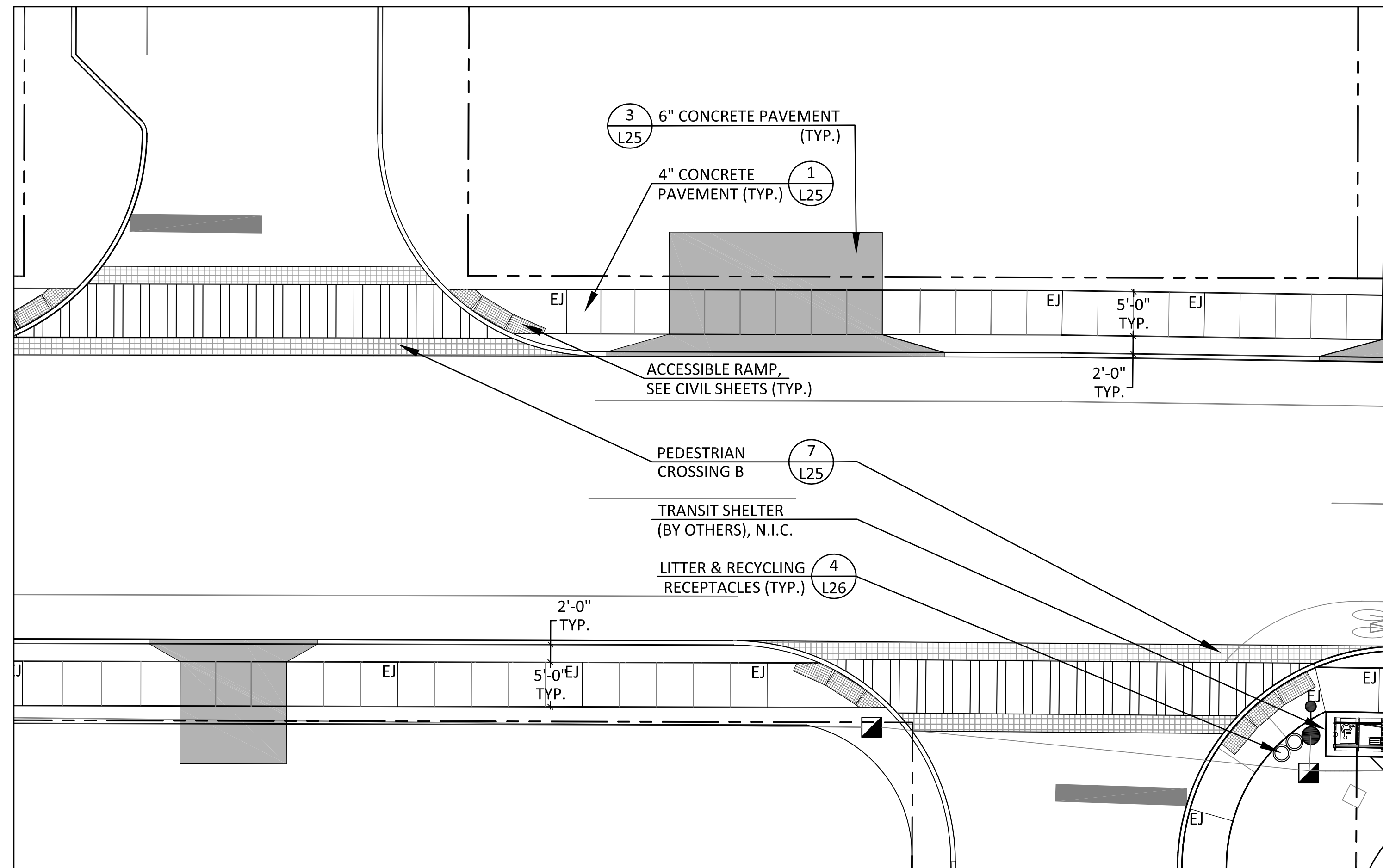
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N.T.S.



2 SEVIER AVENUE AT BARBER STREET
N.T.S.



3 SEVIER AVENUE AT CLAUDE STREET
N.T.S.



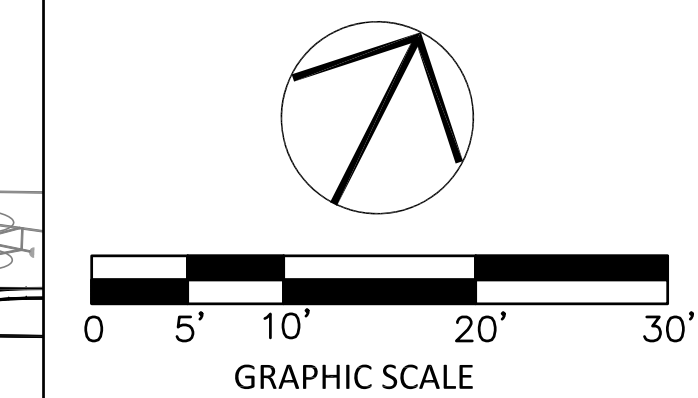
4 SEVIER AVENUE AT DIXIE STREET
N.T.S.

MATERIALS AND LAYOUT LEGEND

	SUSPENDED SIDEWALK	9 L25
	4" CONCRETE PAVEMENT	1 L25
	6" CONCRETE PAVEMENT	3 L25
	PEDESTRIAN CROSSING	7 L25
	STAMPED CONCRETE	3 L25
	ACCESSIBLE RAMP SEE CIVIL SHEETS	
	WALKWAY CONNECTION	3 L27 3 L26
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	
	G3 PEDESTRIAN/ VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	

NOTES

- SEE CIVIL ENGINEER'S DRAWINGS FOR ALL LAYOUT AND MATERIAL INFORMATION FOR CURBS AND ROADWAY INCLUDING PERVIOUS CONCRETE, SPEED TABLES, AND CONCRETE RAMPS.
- ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
- SEE SHEET L2 FOR ADDITIONAL NOTES.



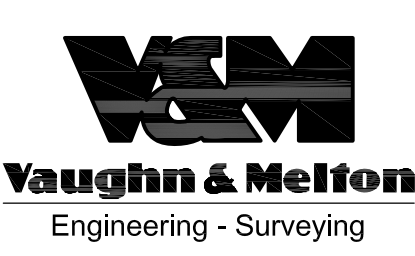
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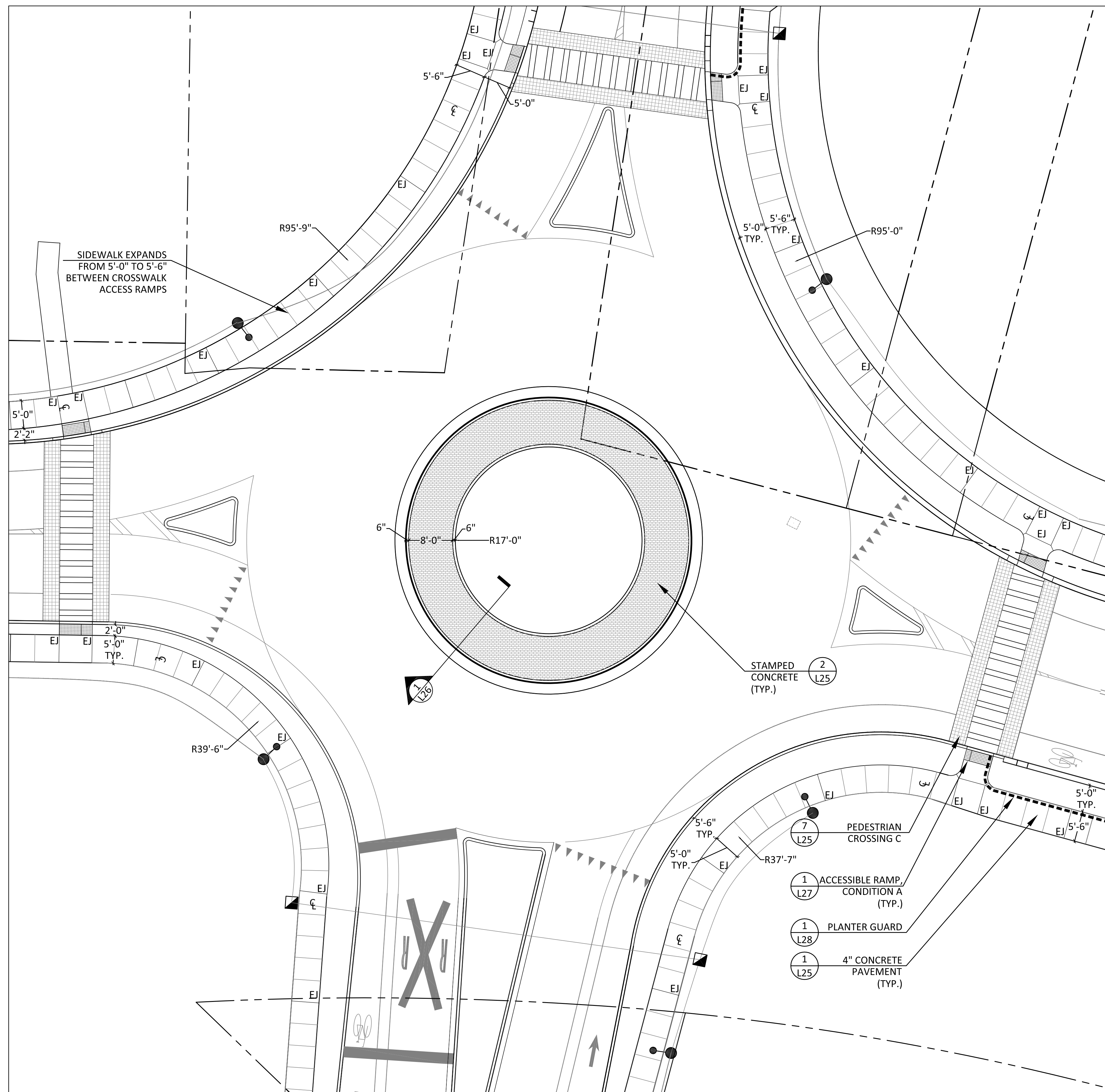
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JOB NO: 051430-37	SCALE: 1" = 20'
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DRAWING TITLE: ENLARGMENT PLAN II	
DWG OF	DRAWING NO: L17



MATERIALS AND LAYOUT LEGEND

	SUSPENDED SIDEWALK	9 L25
	4" CONCRETE PAVEMENT	1 L25
	6" CONCRETE PAVEMENT	3 L25
	PEDESTRIAN CROSSING	7 L25
	STAMPED CONCRETE	3 L25
	ACCESSIBLE RAMP SEE CIVIL SHEETS	
	WALKWAY CONNECTION	3 L27 3 L26
	CENTER LINE	
	R5' RADIUS	
	ALIGN	
	G2 PEDESTRIAN LIGHT; SEE SL-SERIES DRAWINGS	
	G3 PEDESTRIAN/ VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	
	G4 VEHICULAR LIGHT; SEE SL-SERIES DRAWINGS	

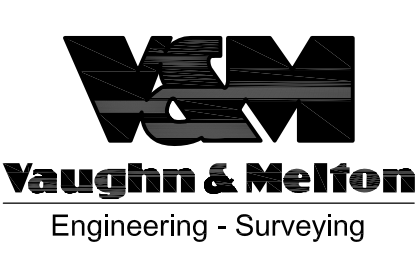
NOTES

- SEE CIVIL ENGINEER'S DRAWINGS FOR ALL LAYOUT AND MATERIAL INFORMATION FOR CURBS AND ROADWAY INCLUDING PERVIOUS CONCRETE, SPEED TABLES, AND CONCRETE RAMPS.
- ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
- SEE SHEET L2 FOR ADDITIONAL NOTES.

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**CITY OF KNOXVILLE, TENNESSEE
SEVIER AVENUE ROADWAY IMPROVEMENTS**



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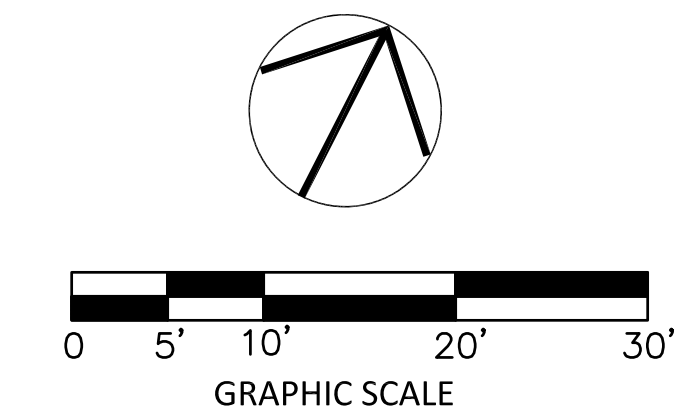
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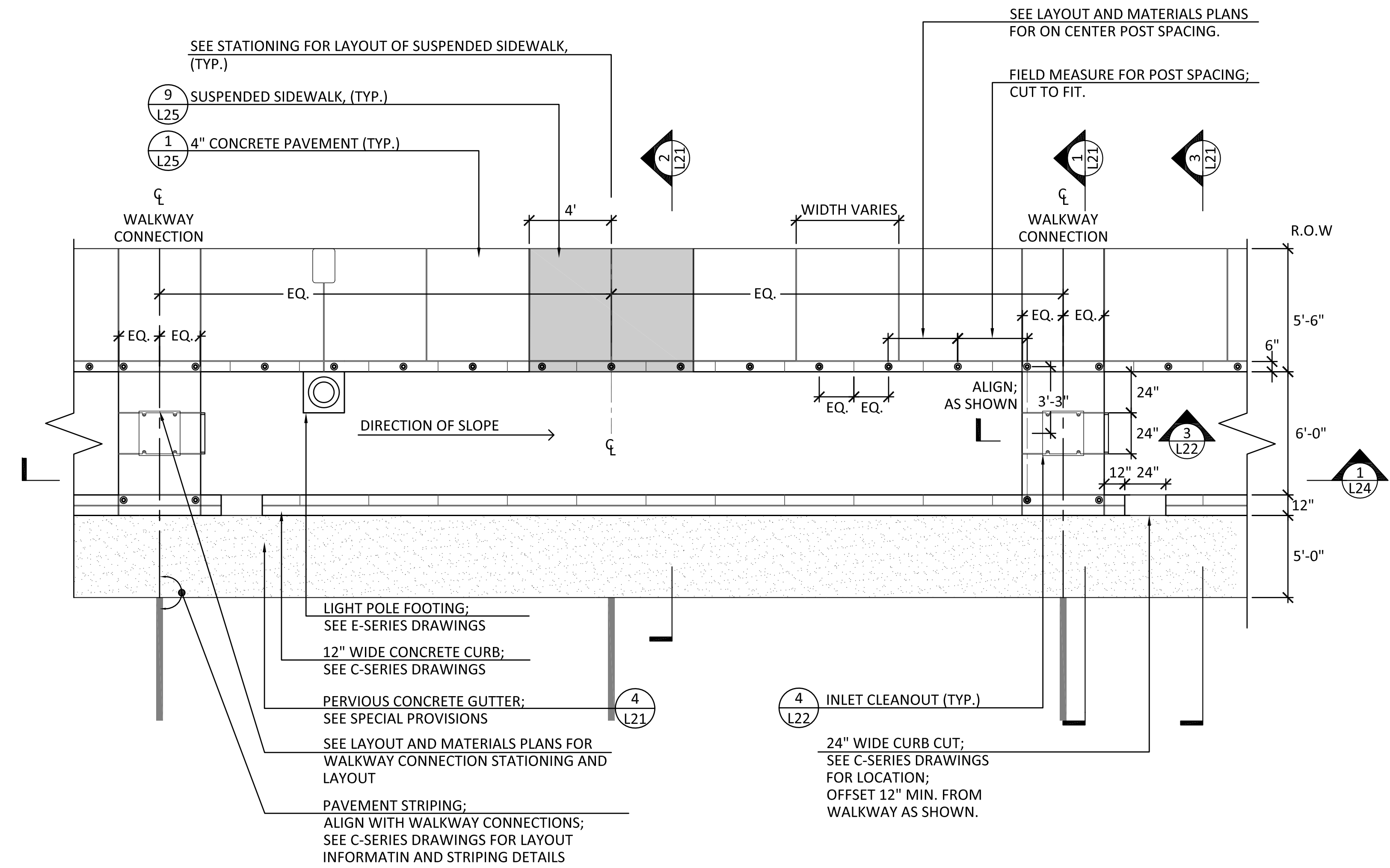
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1 SEVIER AVENUE AT FOGGY BOTTOM STREET AND ISLAND HOME AVENUE
N.T.S.

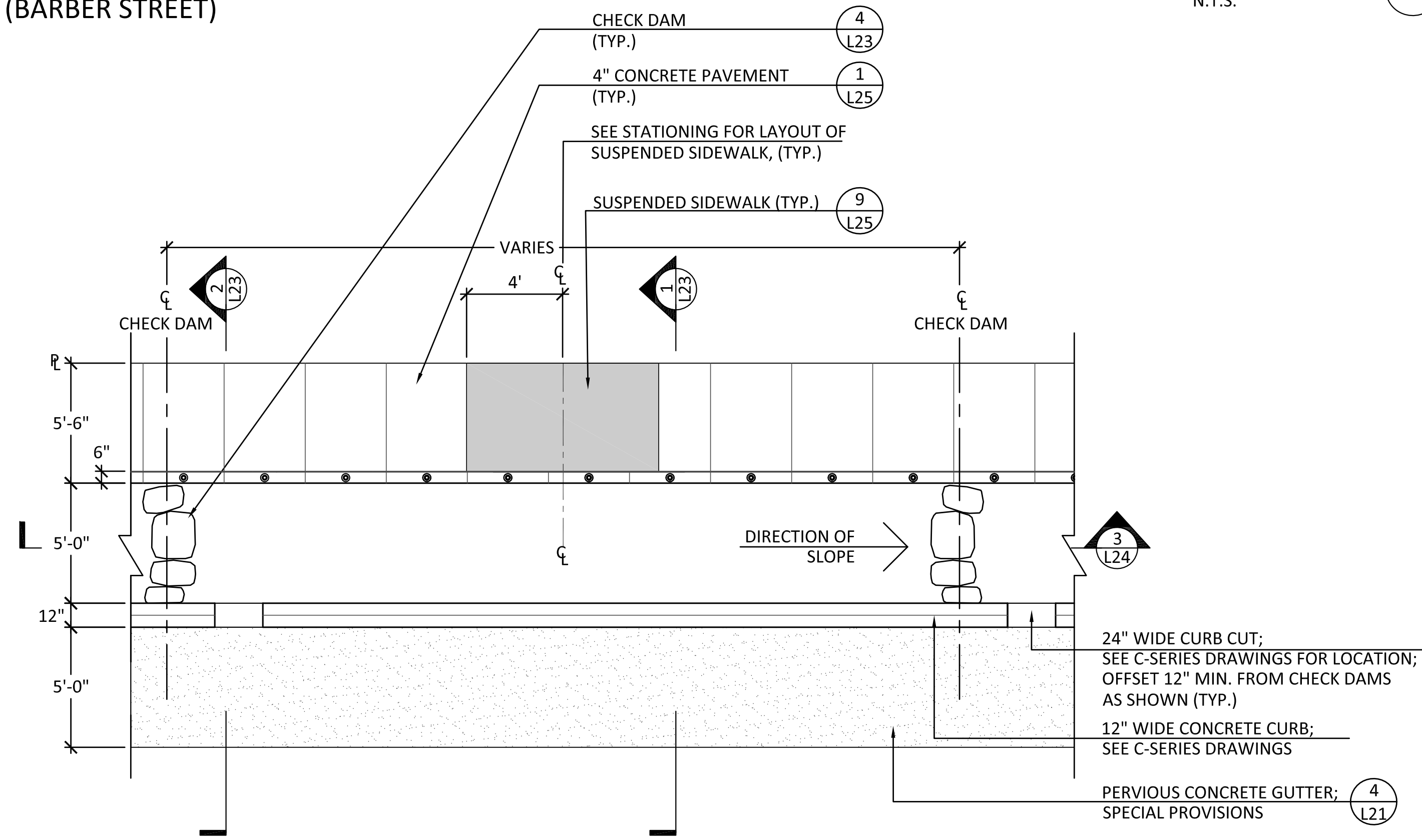
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SCALE: 1" = 20'	
DATE: 08-11-2017	
FILE NAME:	
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OF	L18

N.I.C.



3 TREATMENT PLANTER-TYPE C
(BARBER STREET)

N.T.S.

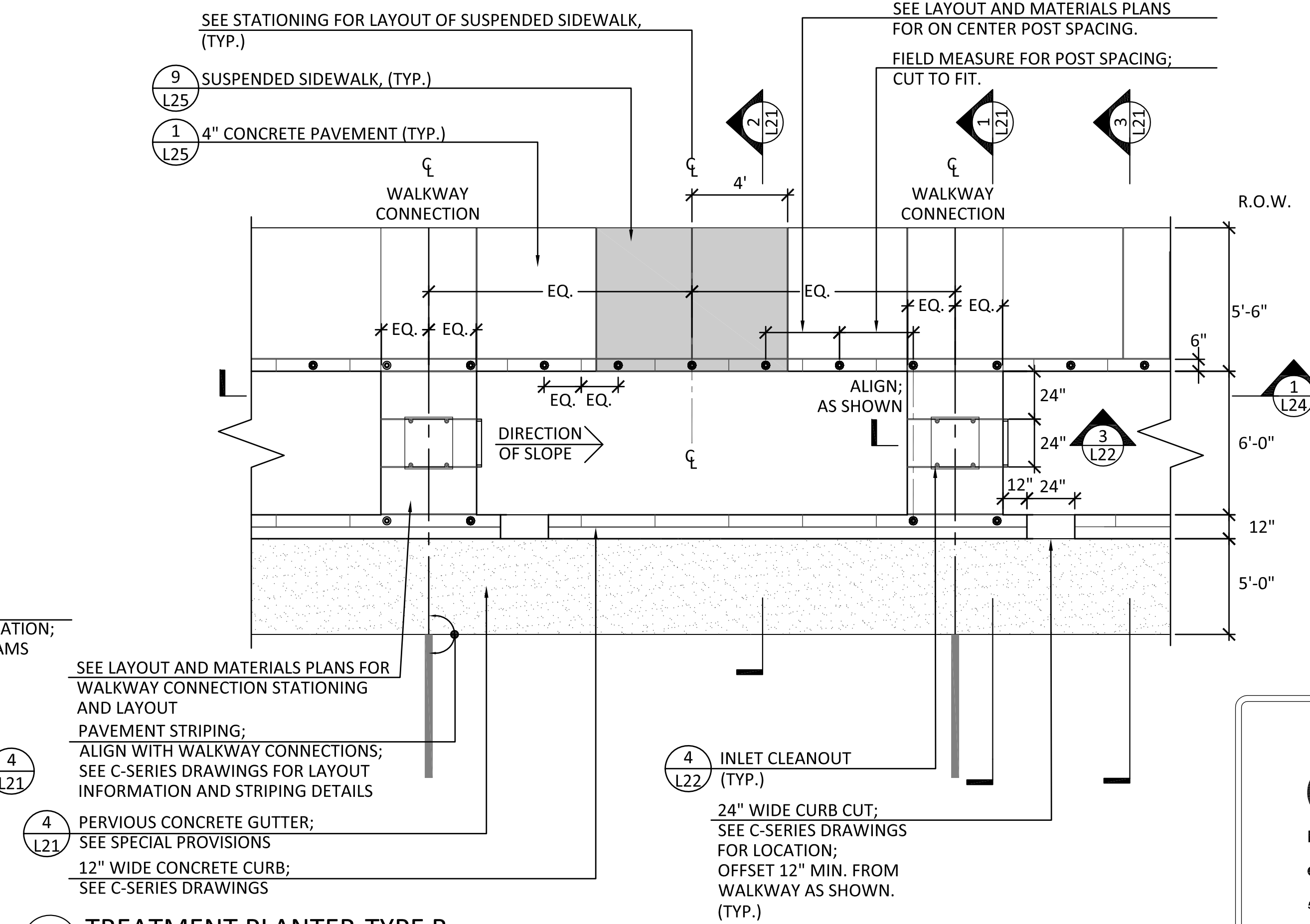


4 TREATMENT PLANTER-TYPE D
(FOGGY BOTTOM STREET)

N.T.S.

1 TREATMENT PLANTER-TYPE A
(FOGGY BOTTOM STREET AND ISLAND HOME AVENUE)

N.T.S.



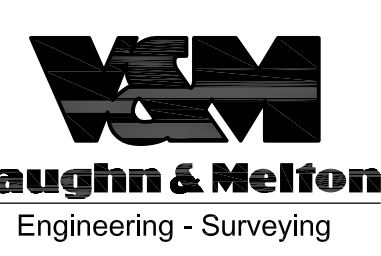
2 TREATMENT PLANTER-TYPE B
(FOGGY BOTTOM STREET AND ISLAND HOME AVENUE)

N.T.S.

NO.	DATE	DESCRIPTION

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PLANS

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SEVIER AVENUE ROADWAY IMPROVEMENTS

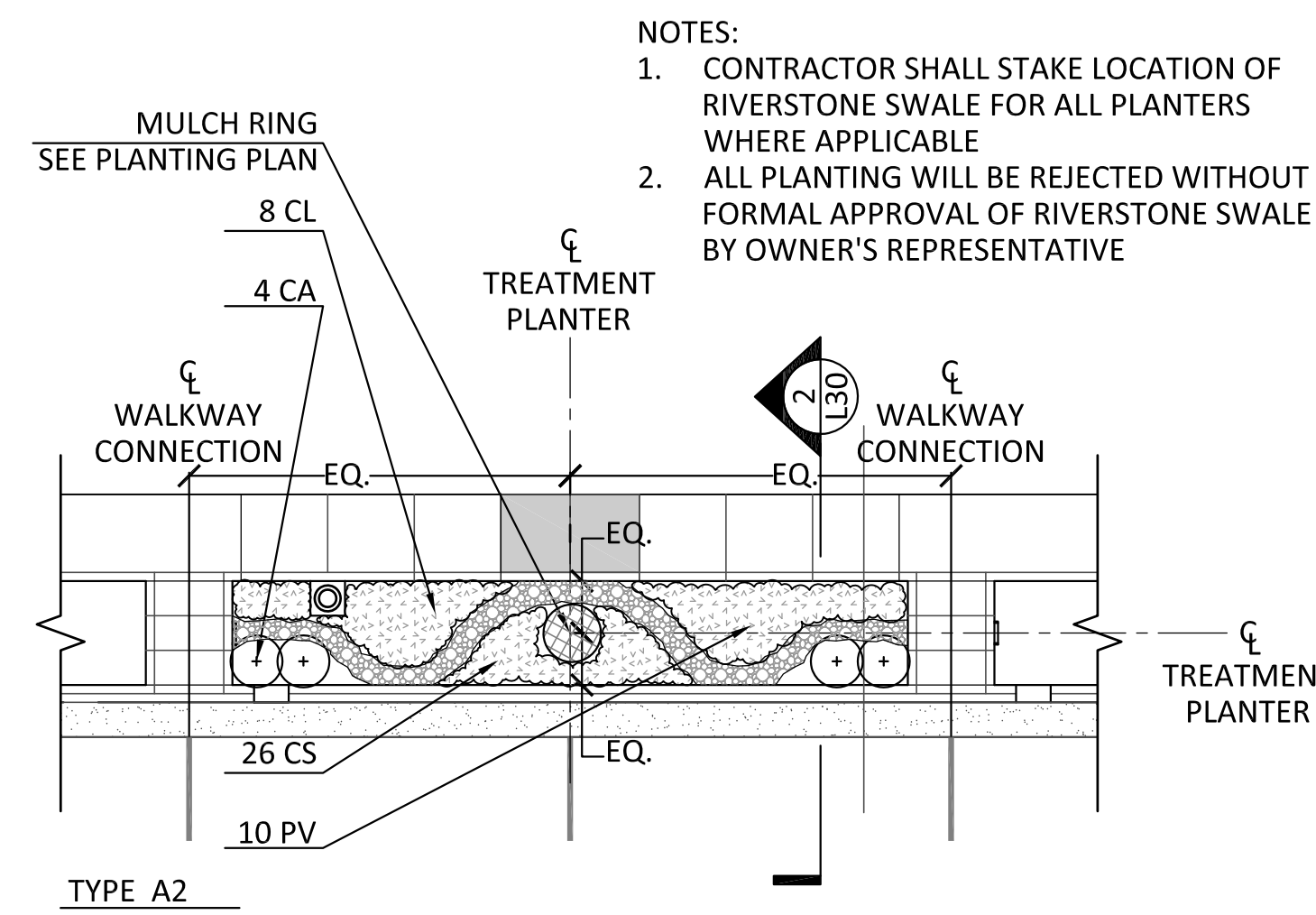
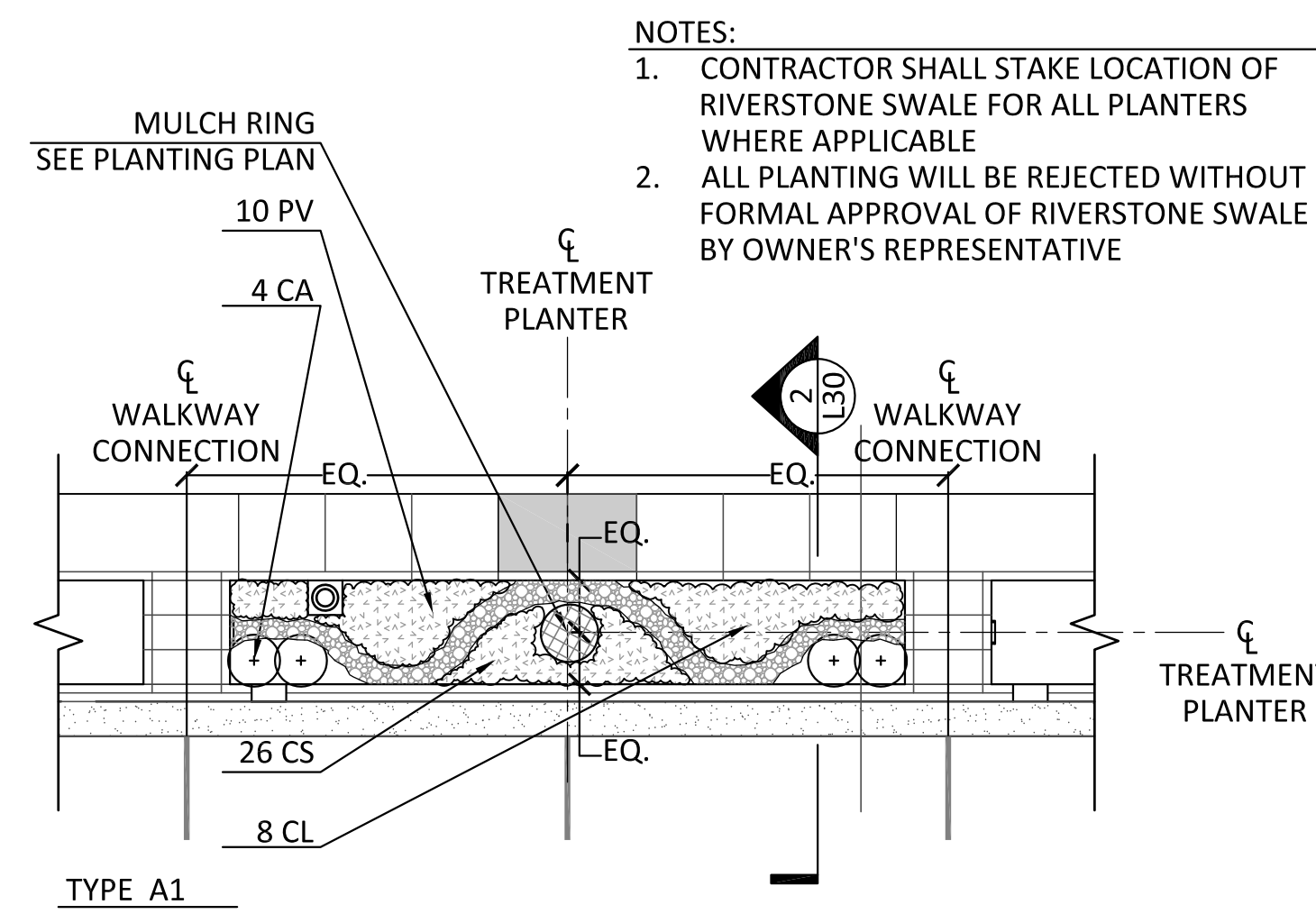


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DWG	DRAWING NO: L19

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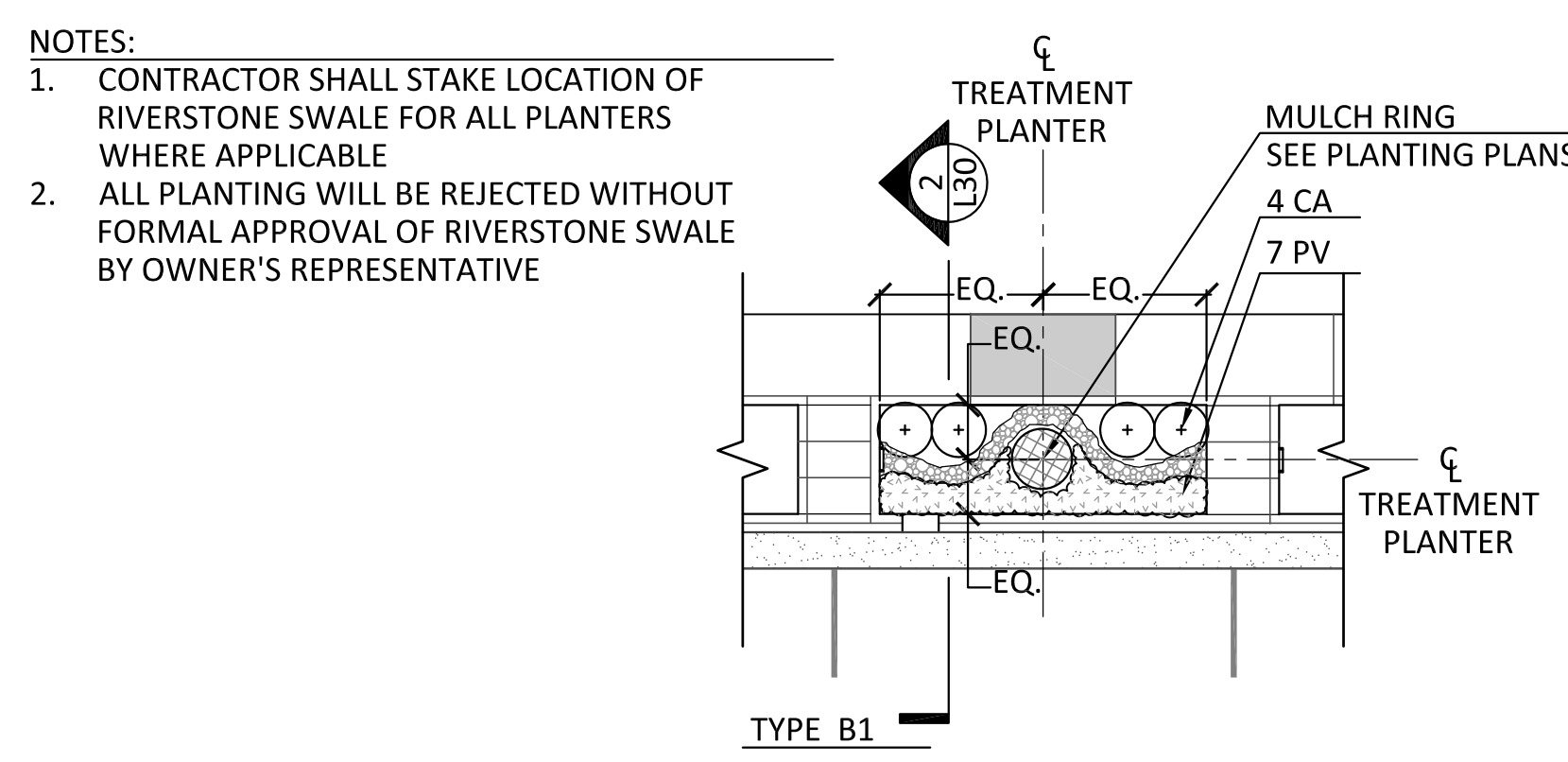
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NOTES:
 1. CONTRACTOR SHALL STAKE LOCATION OF RIVERSTONE SWALE FOR ALL PLANTERS WHERE APPLICABLE
 2. ALL PLANTING WILL BE REJECTED WITHOUT FORMAL APPROVAL OF RIVERSTONE SWALE BY OWNER'S REPRESENTATIVE

NOTES:
 1. CONTRACTOR SHALL STAKE LOCATION OF RIVERSTONE SWALE FOR ALL PLANTERS WHERE APPLICABLE
 2. ALL PLANTING WILL BE REJECTED WITHOUT FORMAL APPROVAL OF RIVERSTONE SWALE BY OWNER'S REPRESENTATIVE

1 TREATMENT PLANTER - TYPE A1 AND A2 (FOGGY BOTTOM STREET AND ISLAND HOME AVENUE) N.T.S.

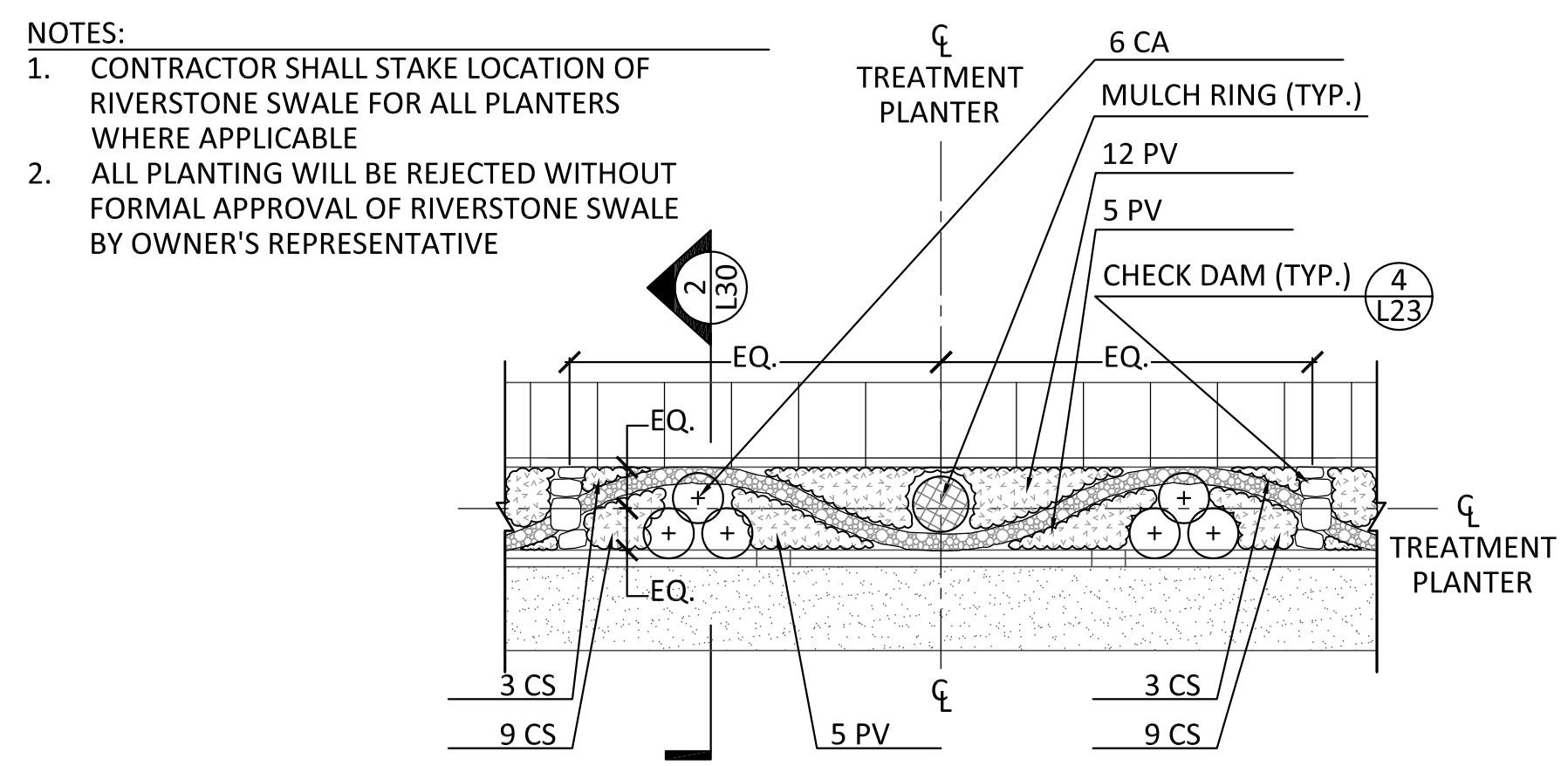


NOTES:
 1. CONTRACTOR SHALL STAKE LOCATION OF RIVERSTONE SWALE FOR ALL PLANTERS WHERE APPLICABLE
 2. ALL PLANTING WILL BE REJECTED WITHOUT FORMAL APPROVAL OF RIVERSTONE SWALE BY OWNER'S REPRESENTATIVE

2 TREATMENT PLANTER - TYPE B1 (FOGGY BOTTOM STREET AND ISLAND HOME AVENUE) N.T.S.

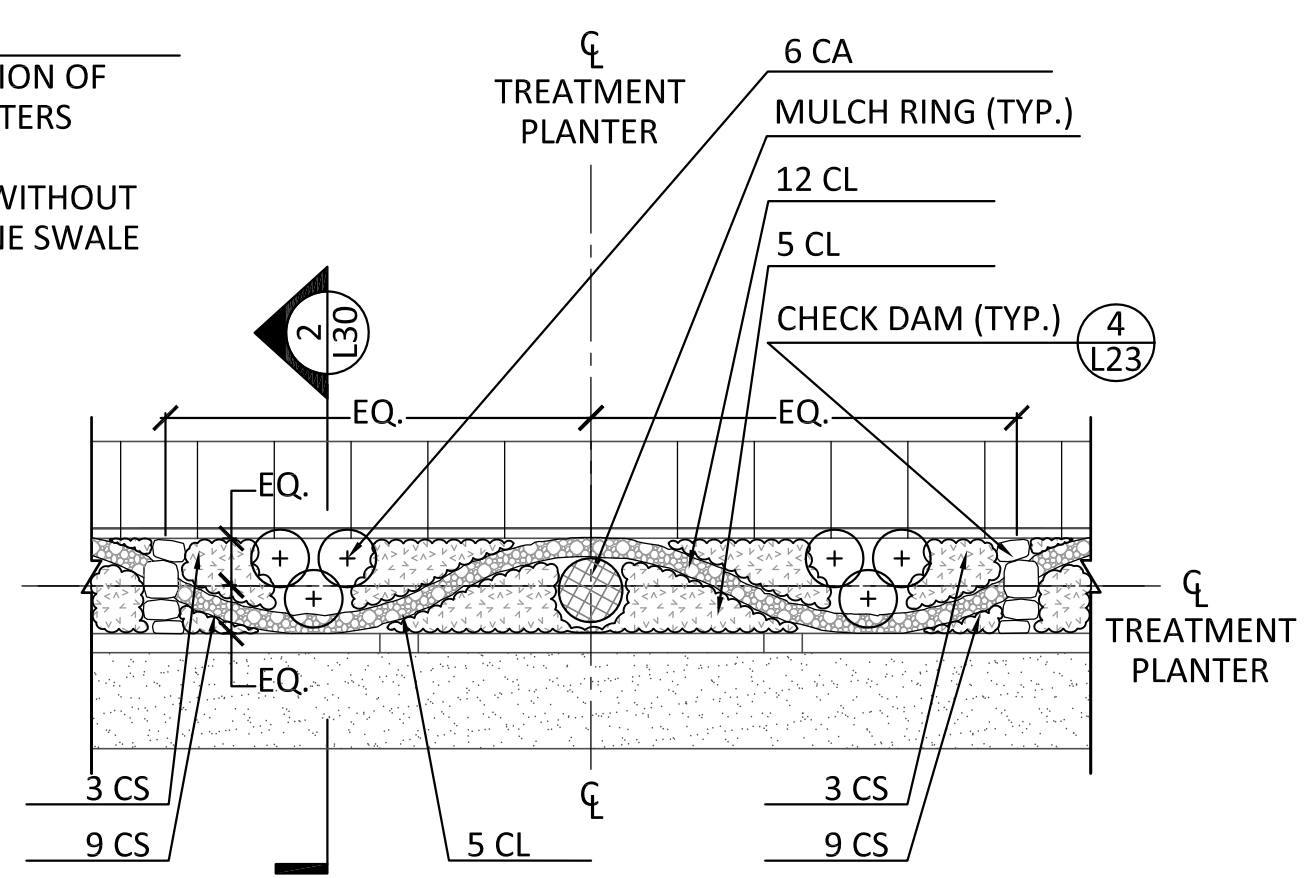
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3 TREATMENT PLANTER - TYPE C1 AND C2 (BARBER STREET) N.T.S.



NOTES:
 1. CONTRACTOR SHALL STAKE LOCATION OF RIVERSTONE SWALE FOR ALL PLANTERS WHERE APPLICABLE
 2. ALL PLANTING WILL BE REJECTED WITHOUT FORMAL APPROVAL OF RIVERSTONE SWALE BY OWNER'S REPRESENTATIVE

NOTES:
 1. CONTRACTOR SHALL STAKE LOCATION OF RIVERSTONE SWALE FOR ALL PLANTERS WHERE APPLICABLE
 2. ALL PLANTING WILL BE REJECTED WITHOUT FORMAL APPROVAL OF RIVERSTONE SWALE BY OWNER'S REPRESENTATIVE

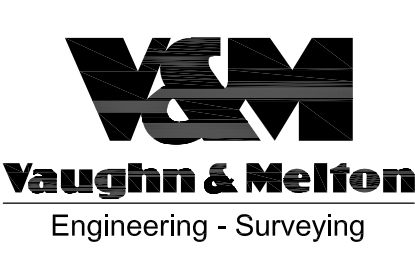


4 TREATMENT PLANTER - TYPE D1 AND D2 (FOGGY BOTTOM STREET) N.T.S.

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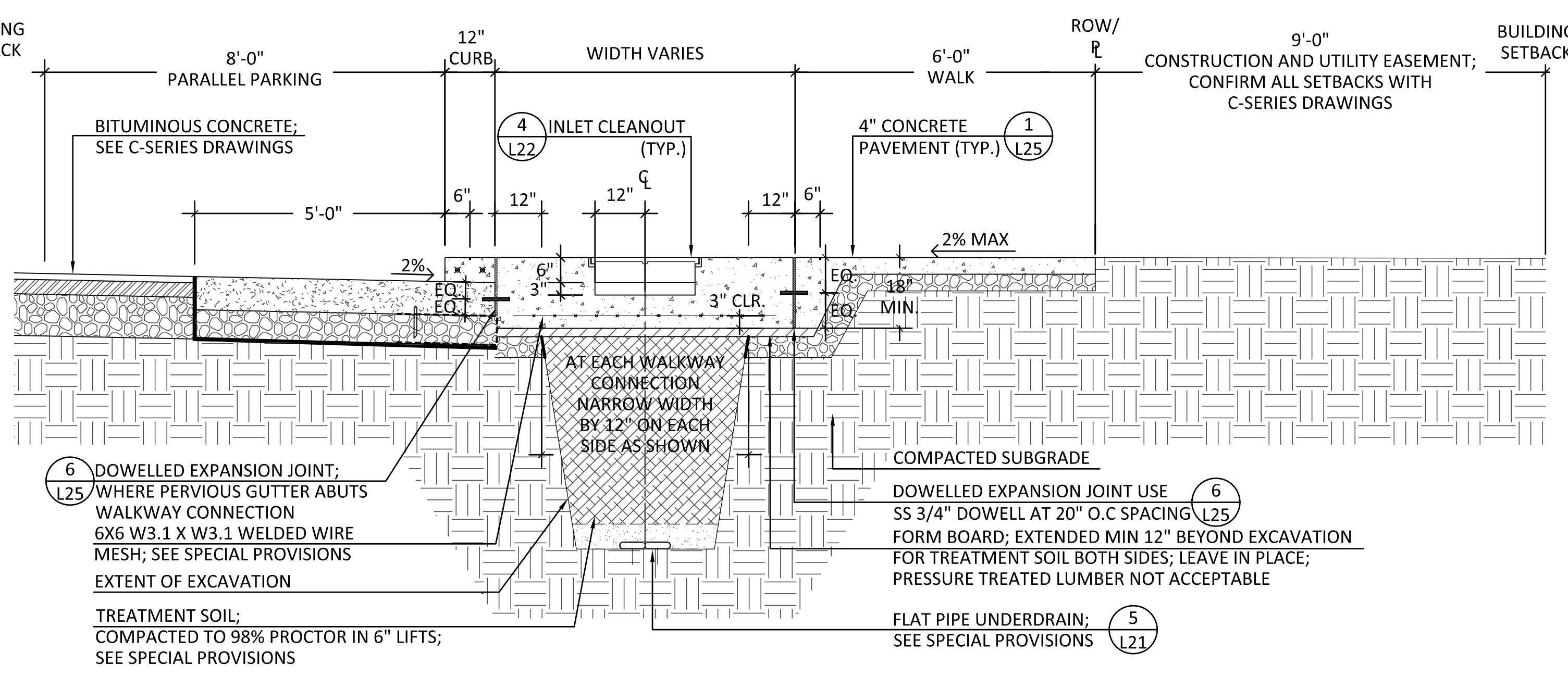
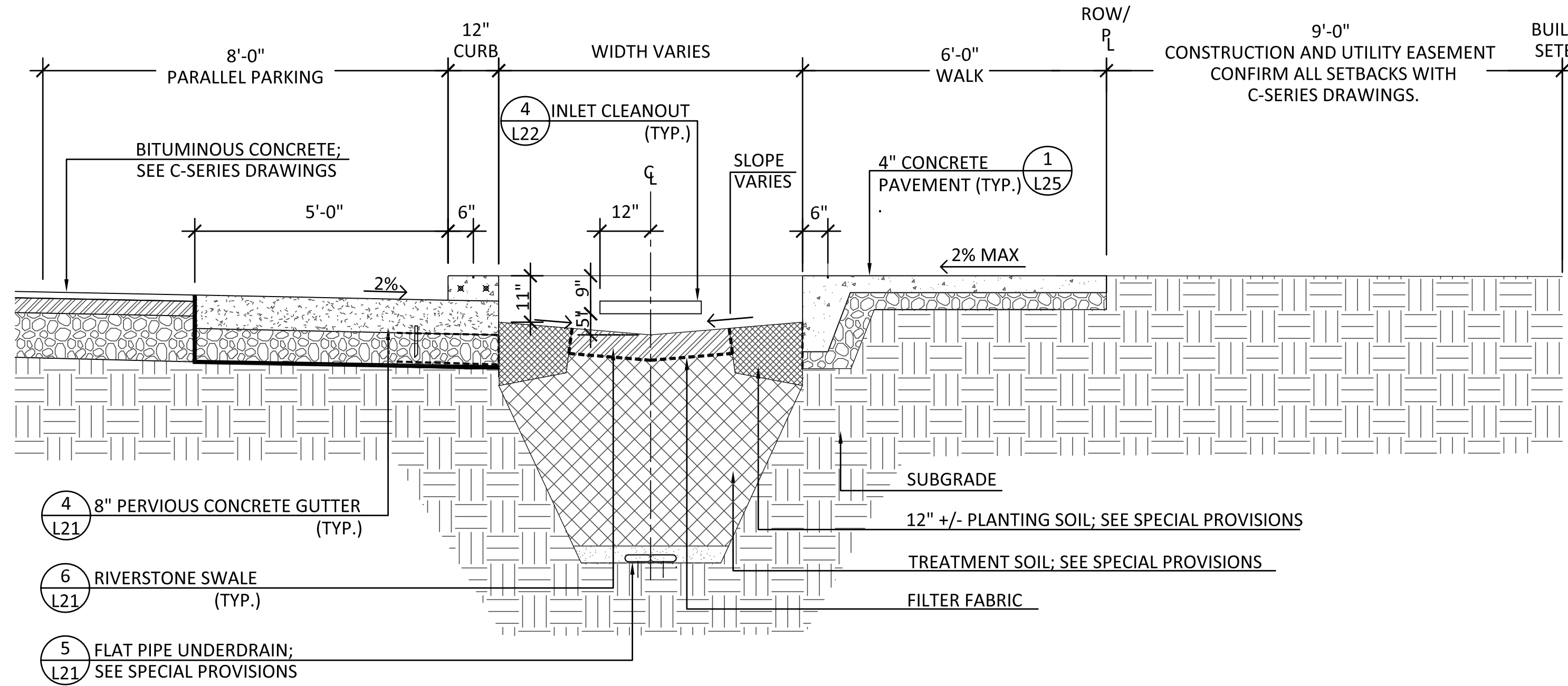
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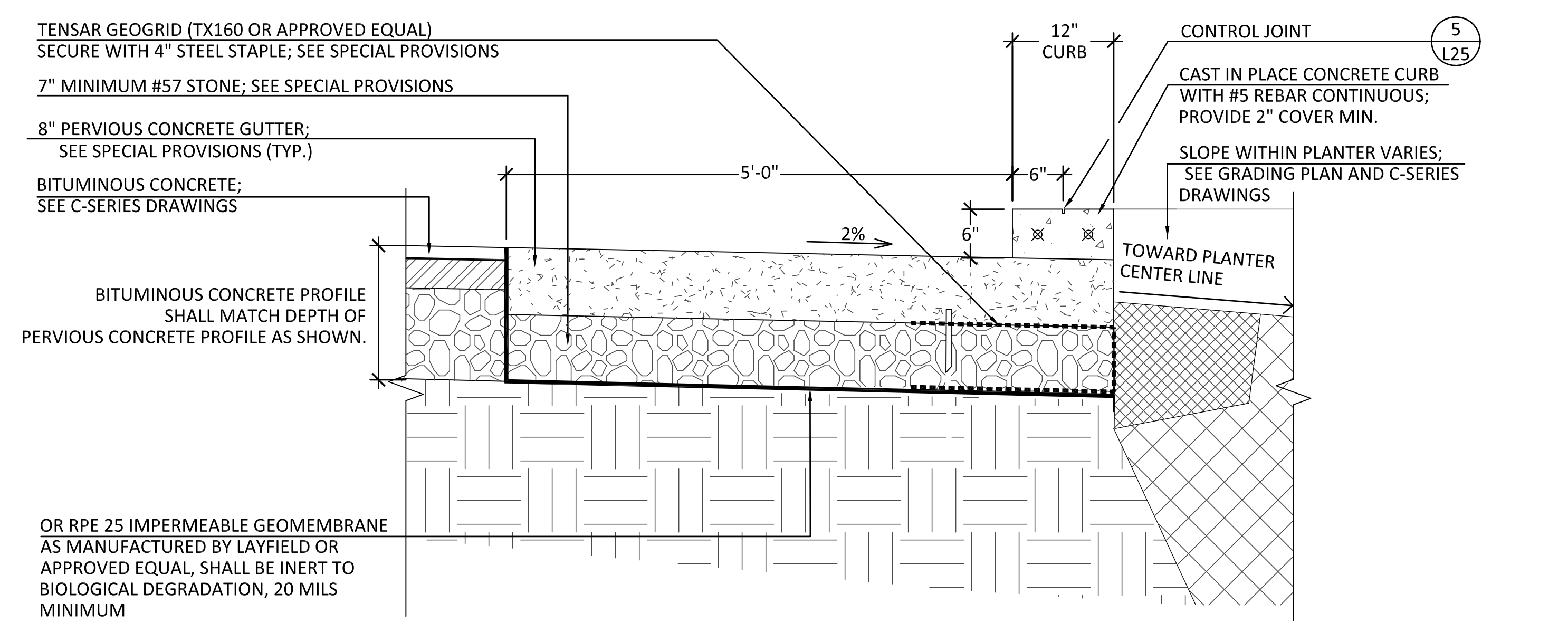
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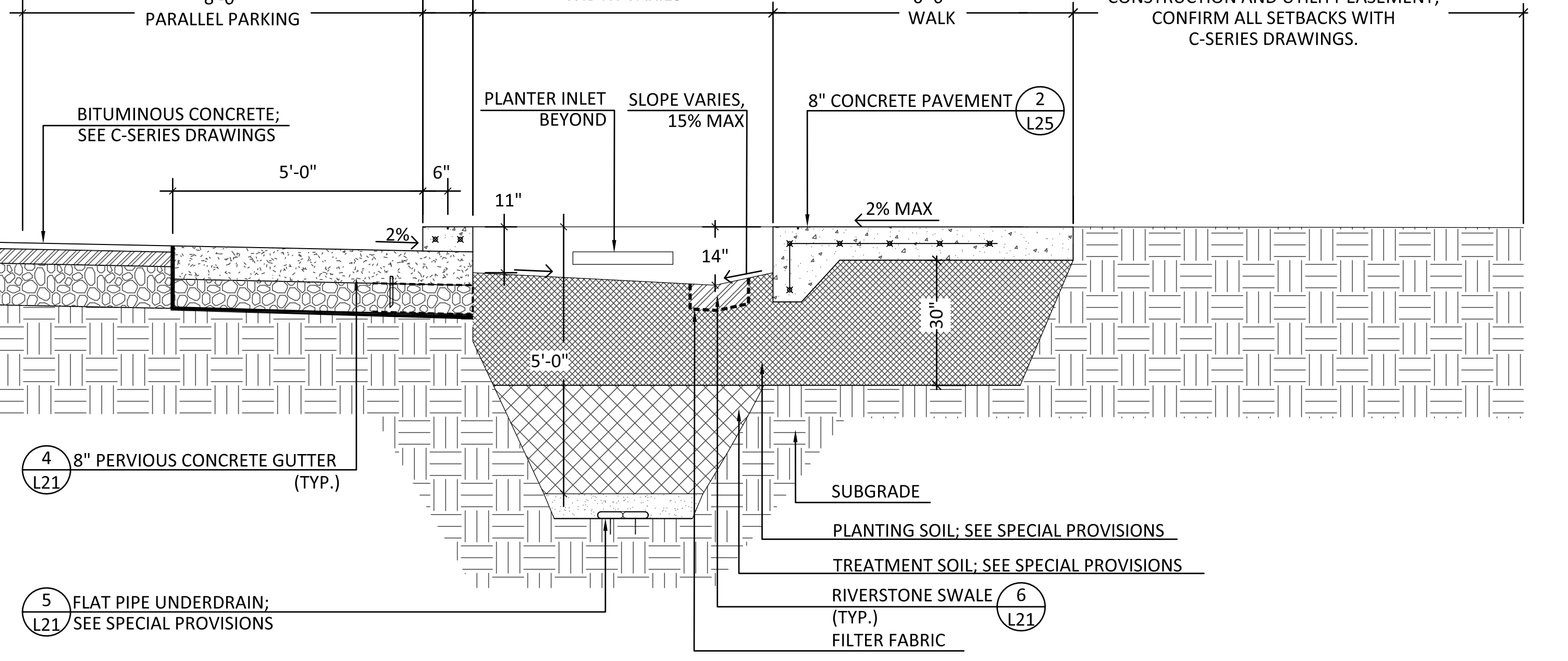
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DWG OF	DRAWING NO: L20



3 TREATMENT PLANTER TYPICAL- TYPE A, B, AND C SECTION AT PLANTER OVERFLOW AND SCUPPER
N.T.S.



1 TREATMENT PLANTER TYPICAL- A, B, AND C SECTION THROUGH WALKWAY CONNECTION
N.T.S.

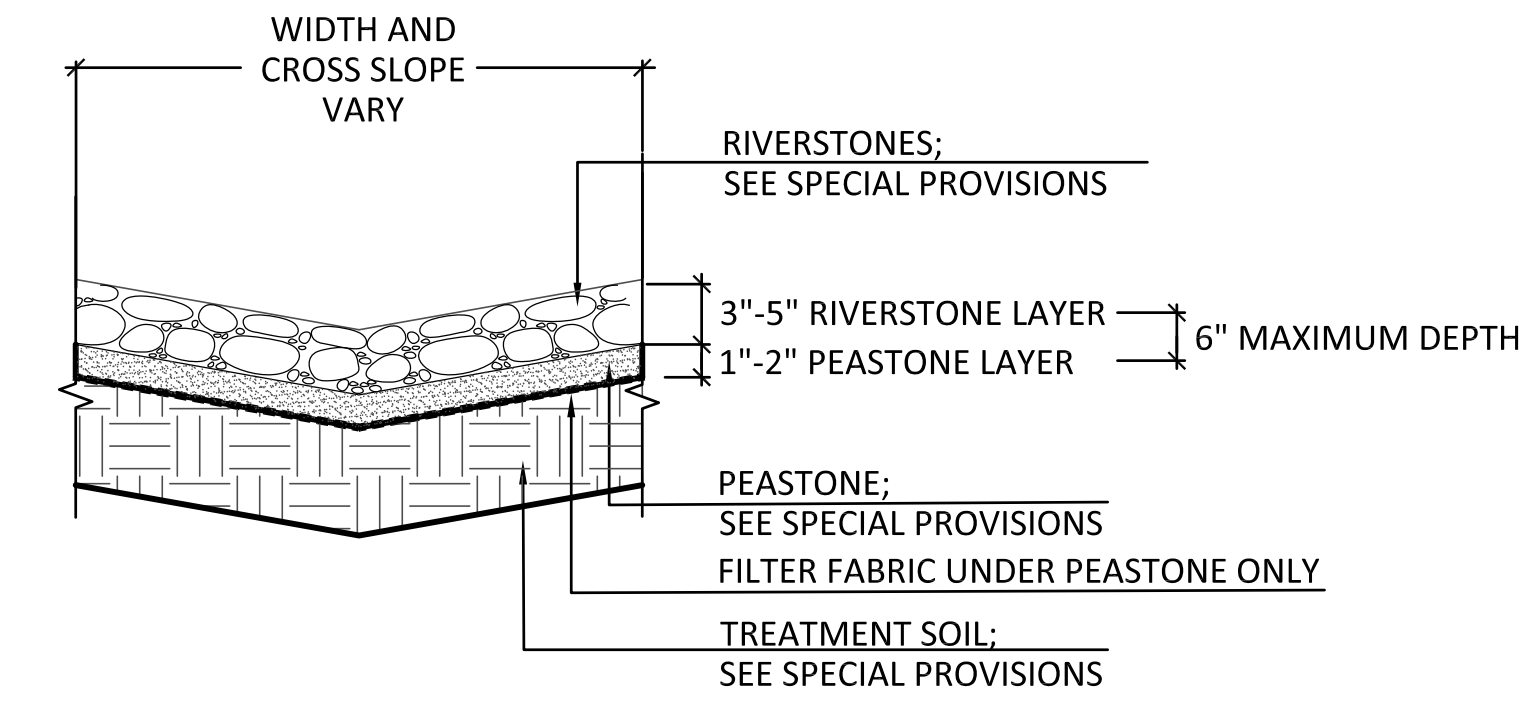


4 PERVIOUS CONCRETE GUTTER
N.T.S.

2 TREATMENT PLANTER TYPICAL- A, B, AND C SECTION THROUGH 8" CONCRETE
N.T.S.

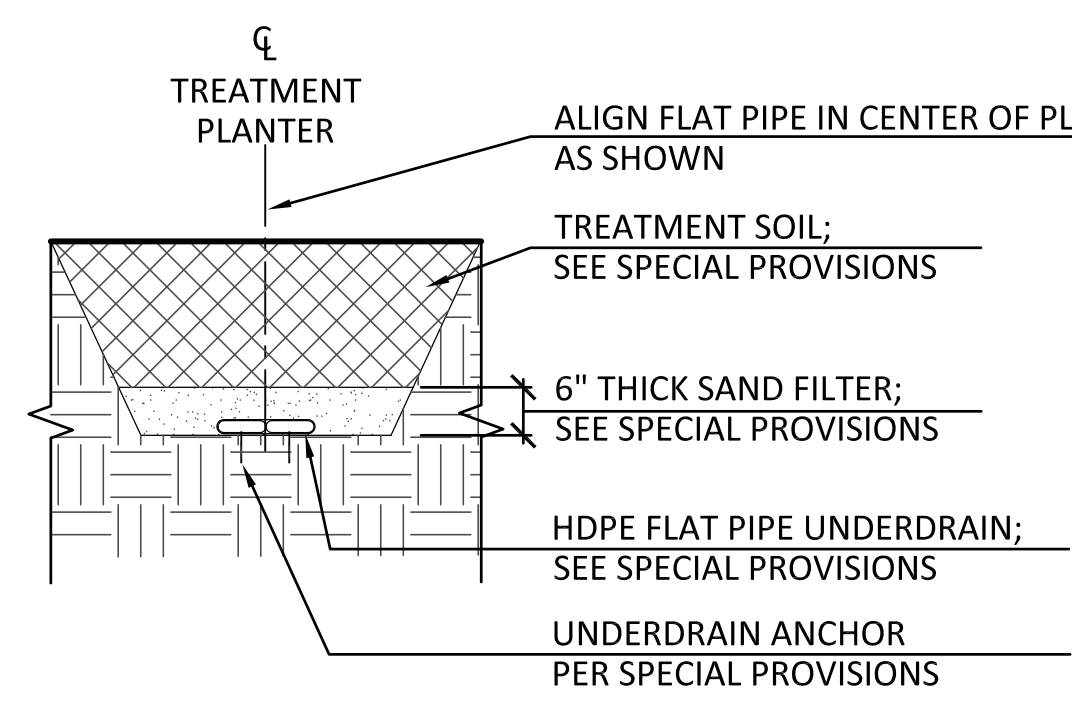
N.I.C.

7 PERVIOUS CONCRETE ACCESSIBLE AISLE
N.T.S.



6 RIVERSTONE SWALE
N.T.S.

NOTE:
FLAT PIPE IS CONTINUOUS THROUGH TREATMENT PLANTERS,
UNDER CHECK DAMS AND WALKWAY CONNECTIONS;
DISCHARGE TO CONVENTIONAL STORM SEWER;
THE COST OF FLAT PIPE CONNECTIONS TO CATCH BASINS IS TO
BE INCLUDED IN THE COST PER LINEAR FOOT OF FLAT PIPE.



5 FLAT PIPE UNDERDRAIN
N.T.S.

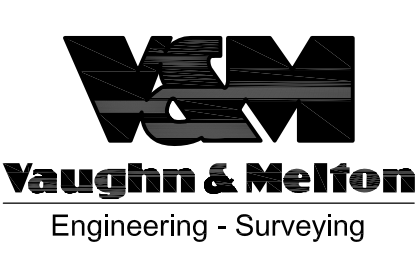
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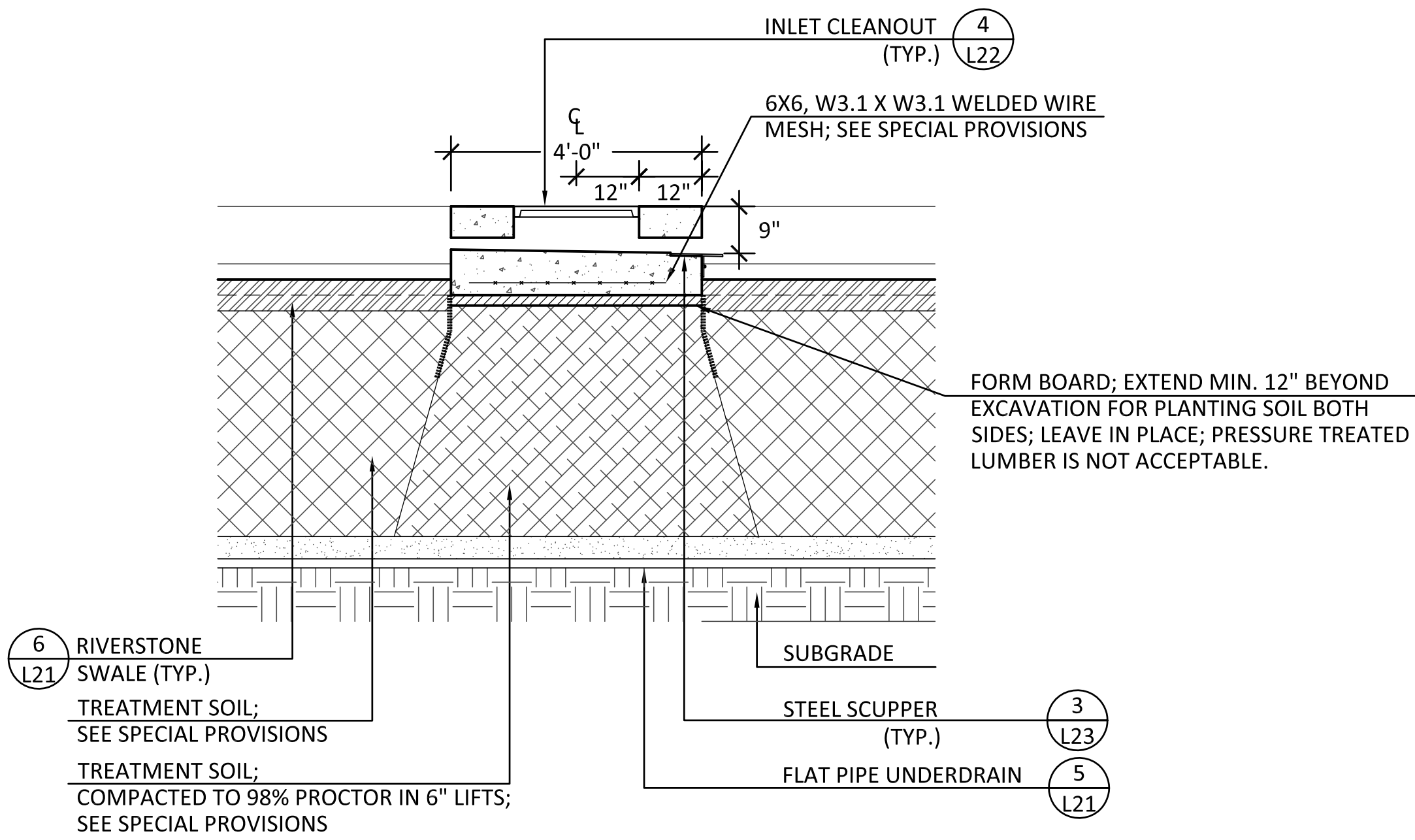
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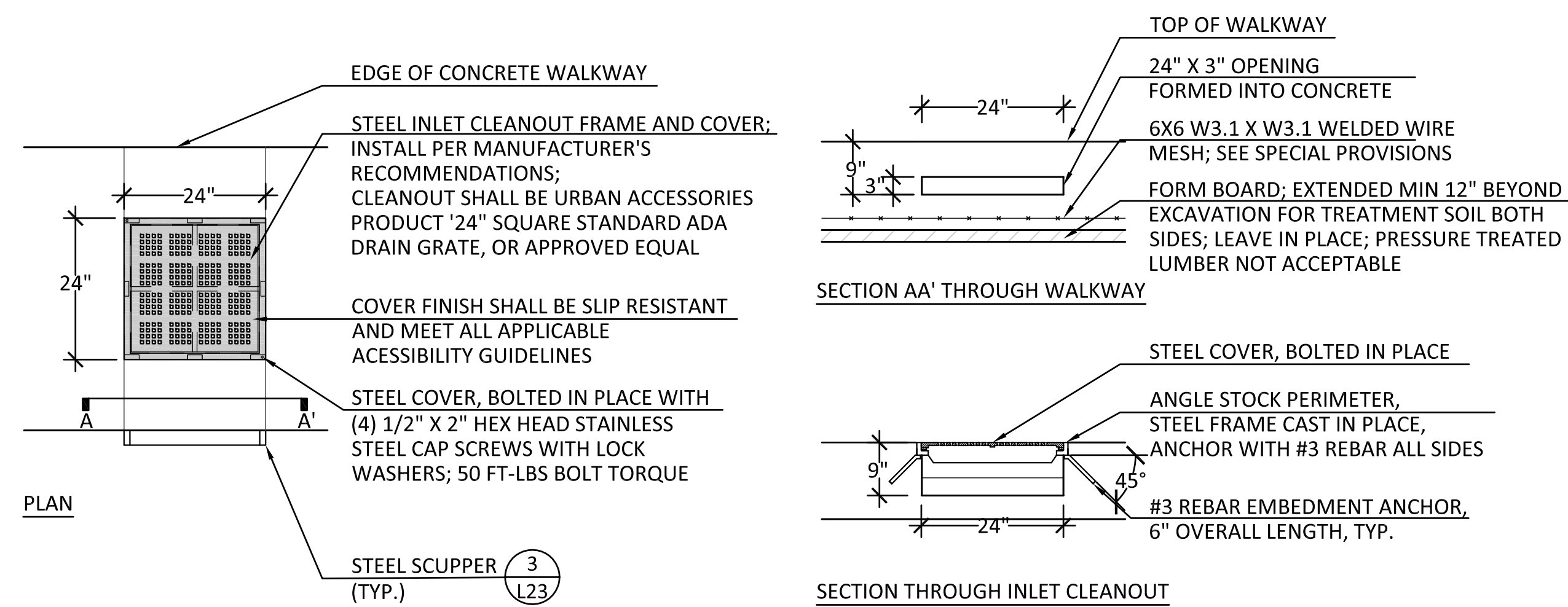
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3 WALKWAY CONNECTION- SECTION
N.T.S.

N.I.C.

1 TREATMENT PLANTER TYPICAL- TYPE E
SECTION AT WALKWAY CONNECTION



4 INLET CLEANOUT
N.T.S.

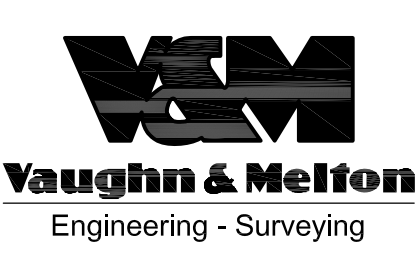
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2 TREATMENT PLANTER TYPICAL- TYPE E
SECTION AT PLANTER OVERFLOW AND SCUPPER

NO.	DATE	DESCRIPTION

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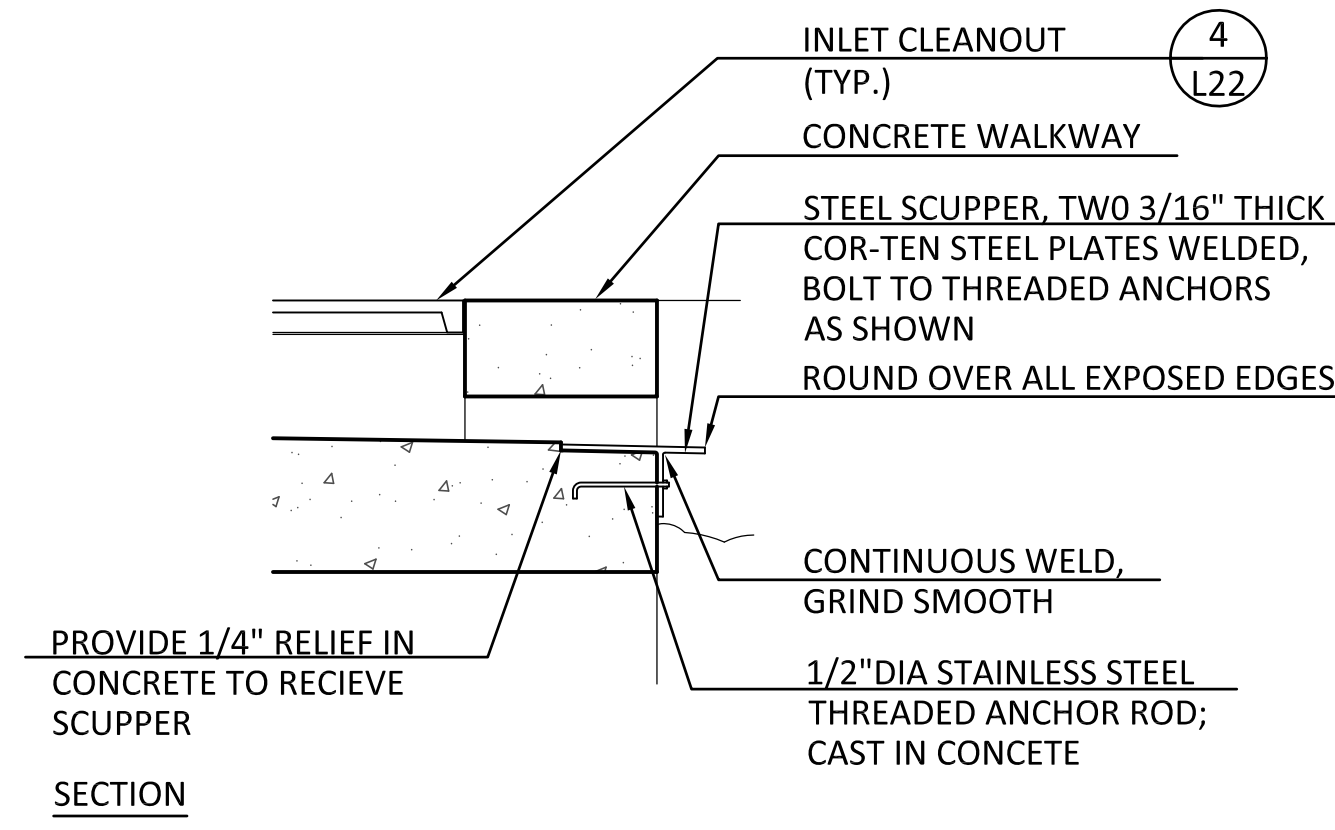
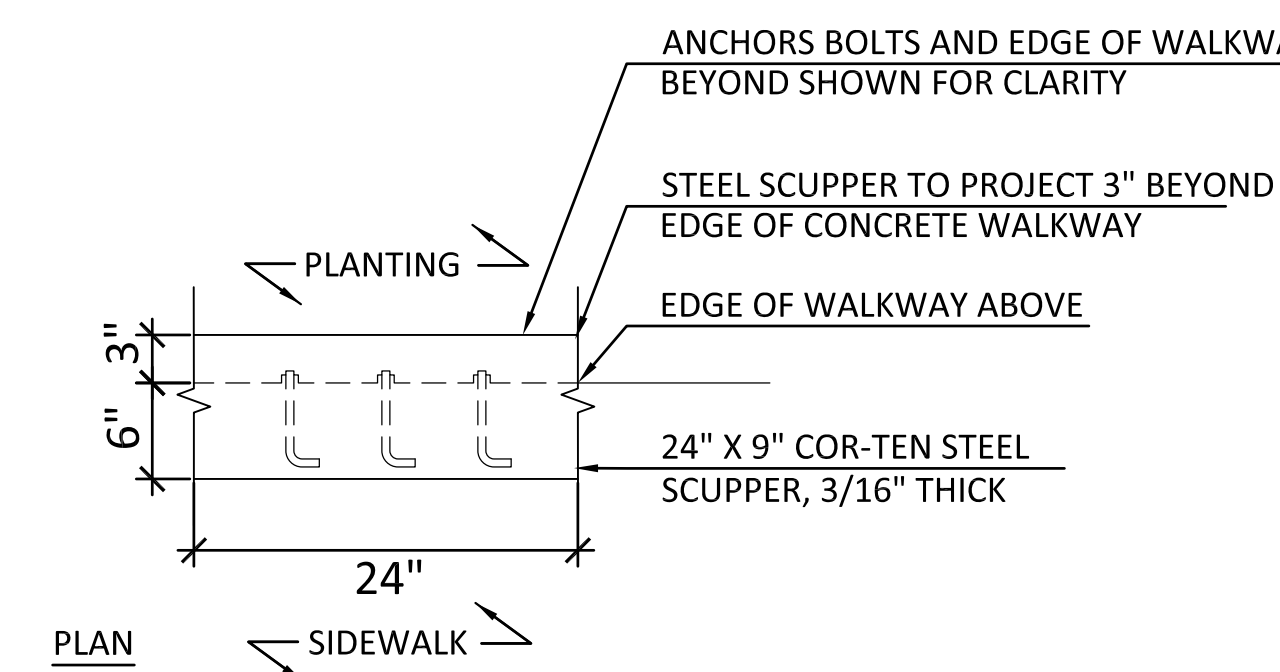
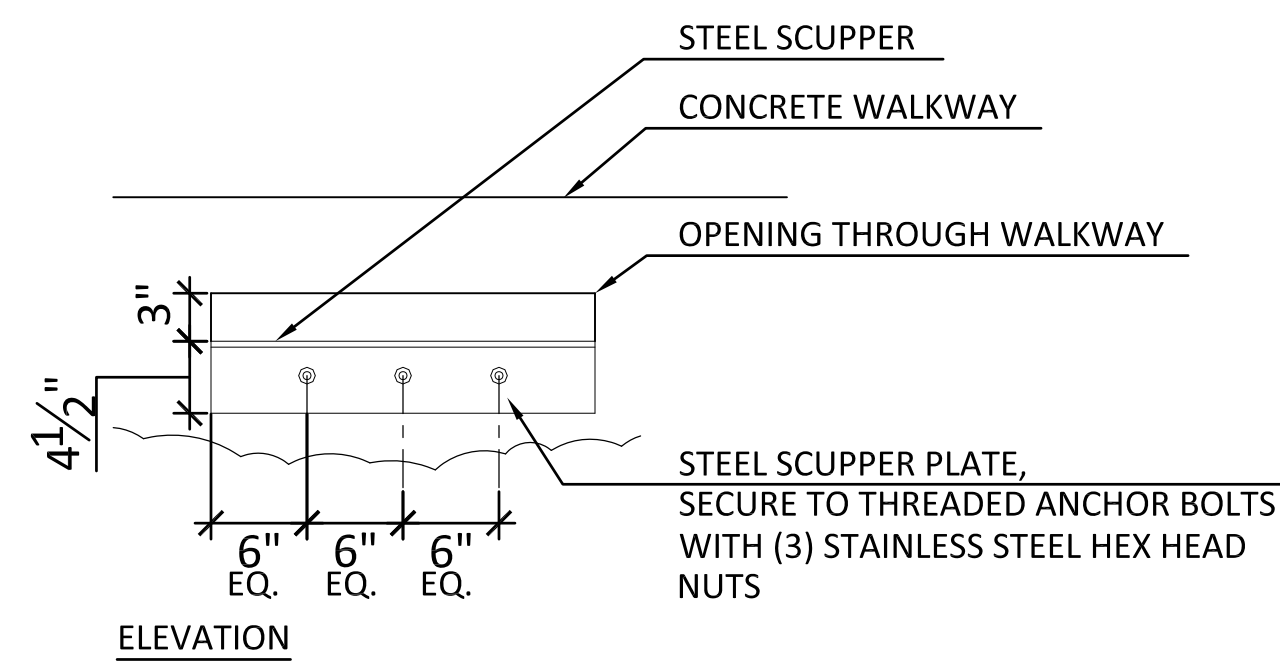
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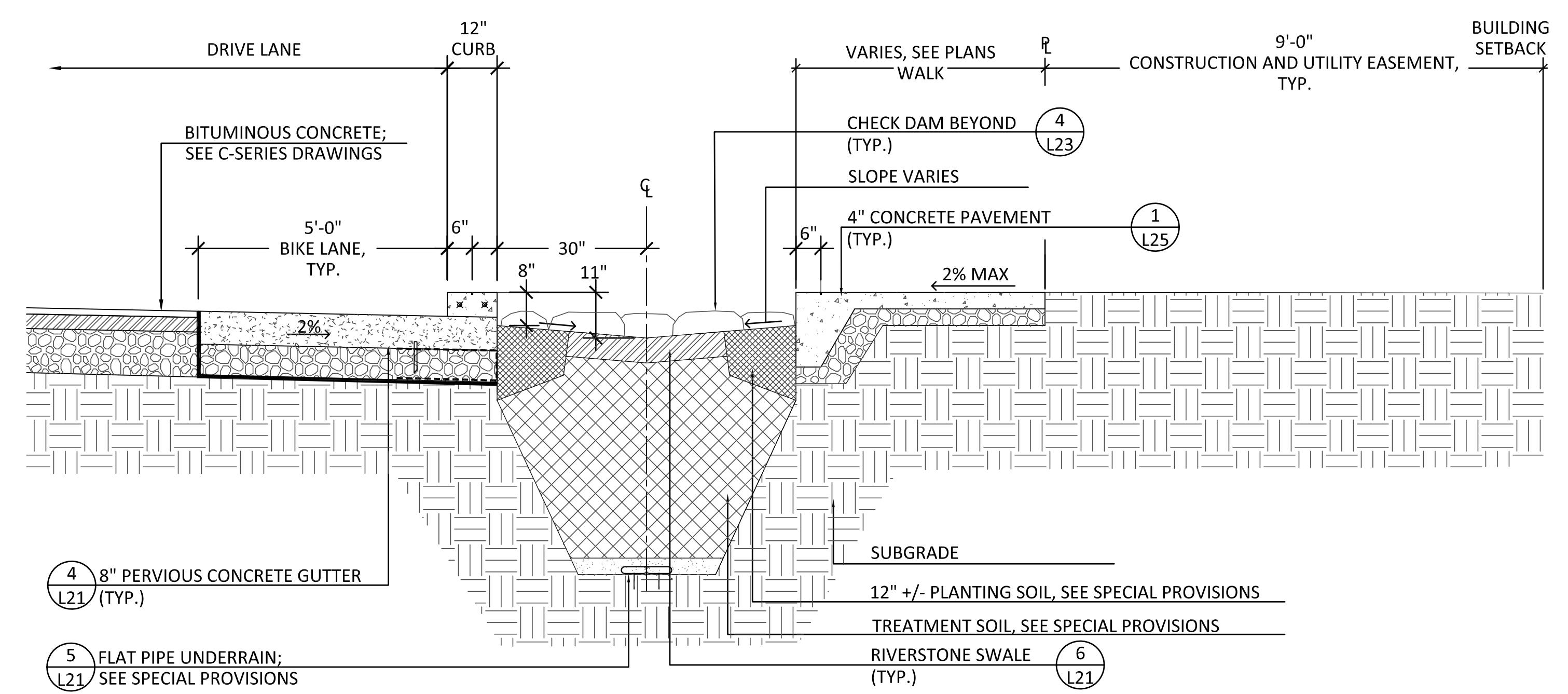
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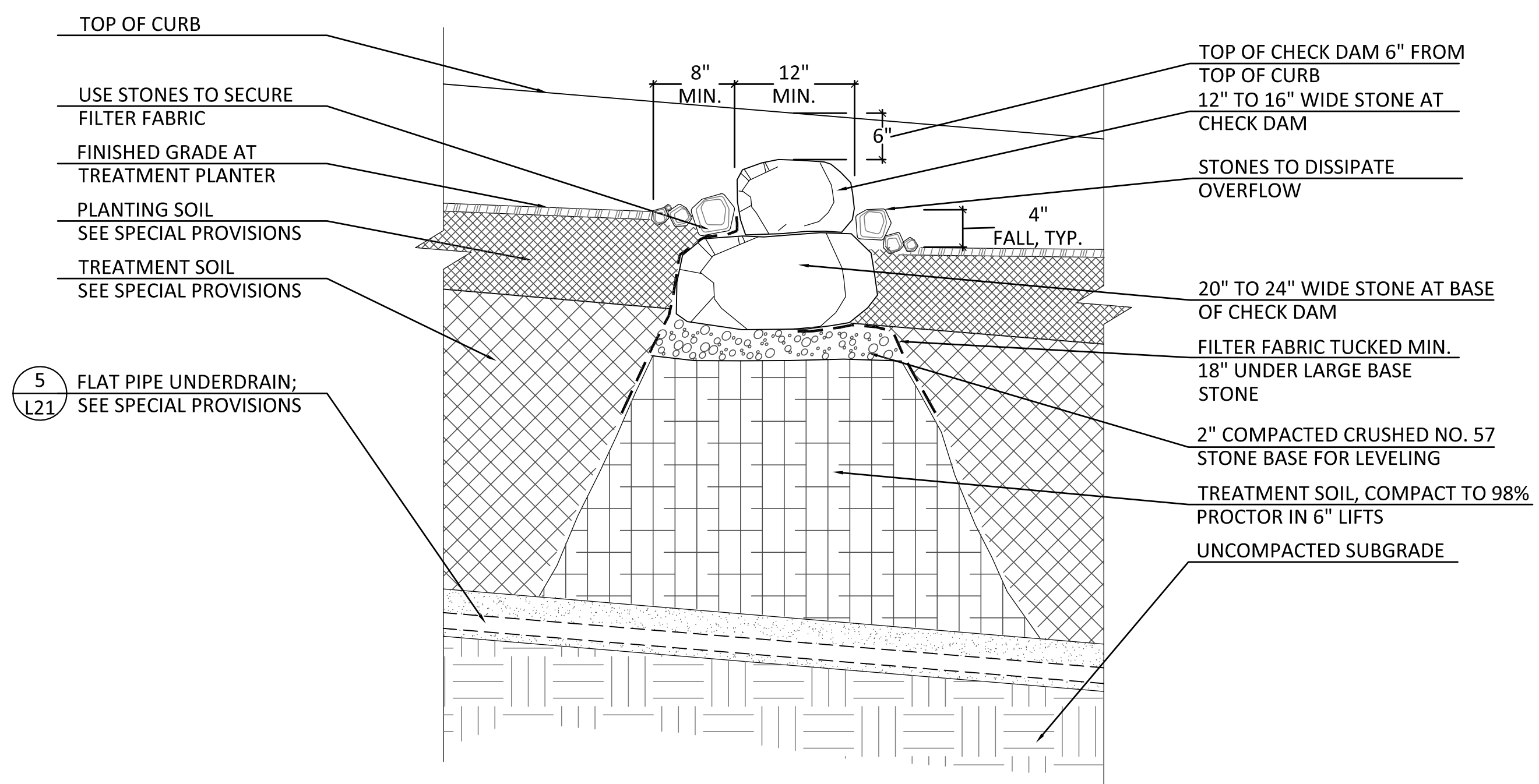
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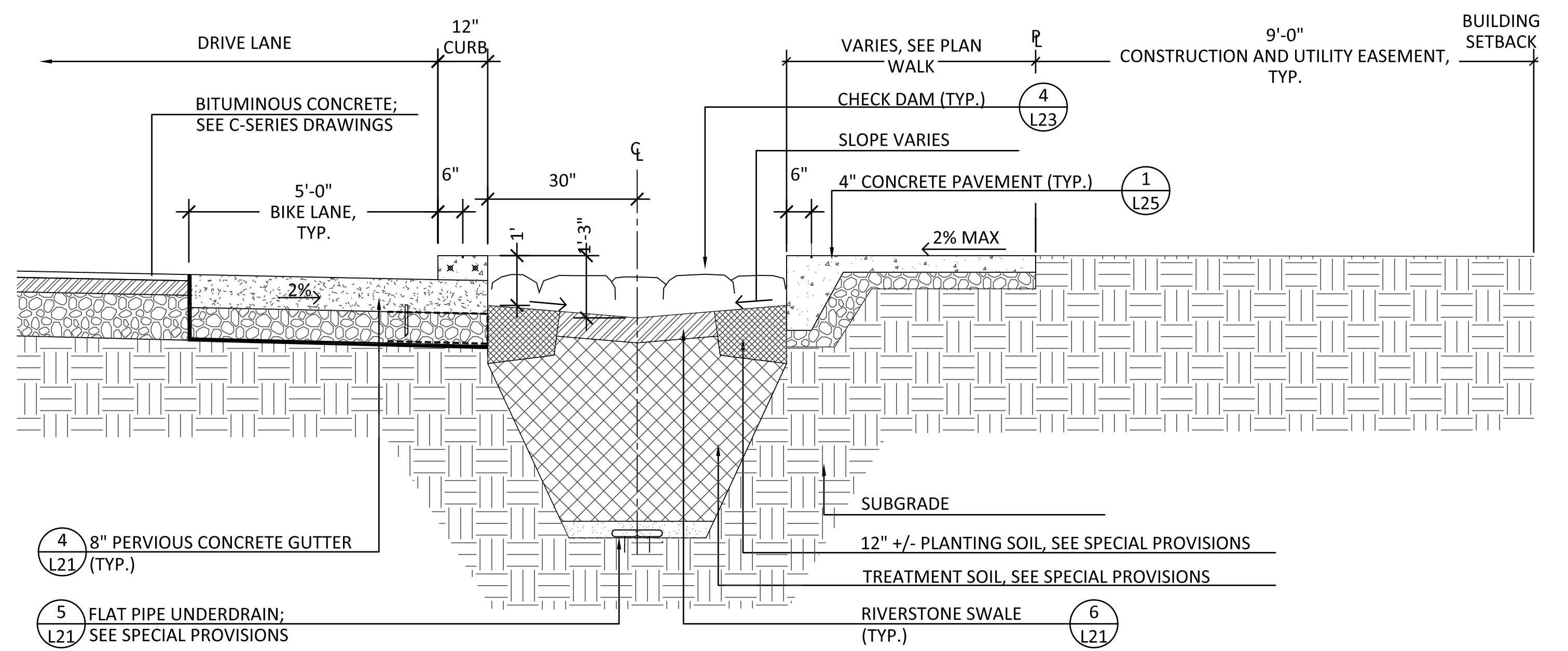
3 STEEL SCUPPER
N.T.S.



1 TREATMENT PLANTER TYPICAL TYPE C AND D
SECTION THROUGH PLANTER ABOVE CHECK DAM
N.T.S.



4 CHECK DAM
N.T.S.

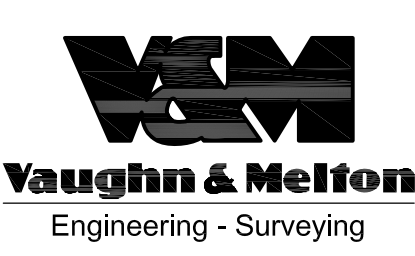


2 TREATMENT PLANTER TYPICAL TYPE C AND D
SECTION THROUGH PLANTER BELOW CHECK DAM
N.T.S.

NO.	DATE	DESCRIPTION

R.O.W. PLANS

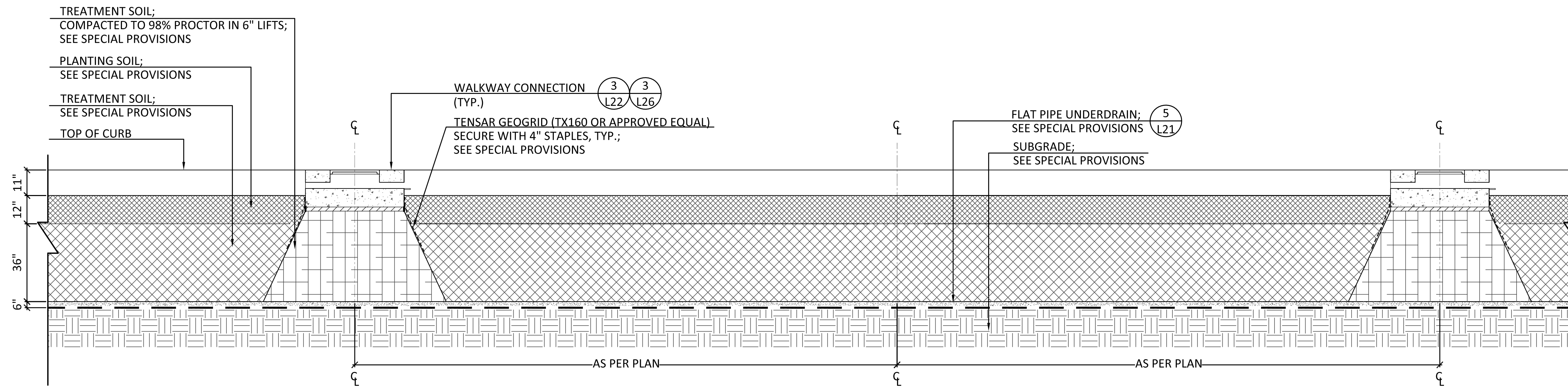
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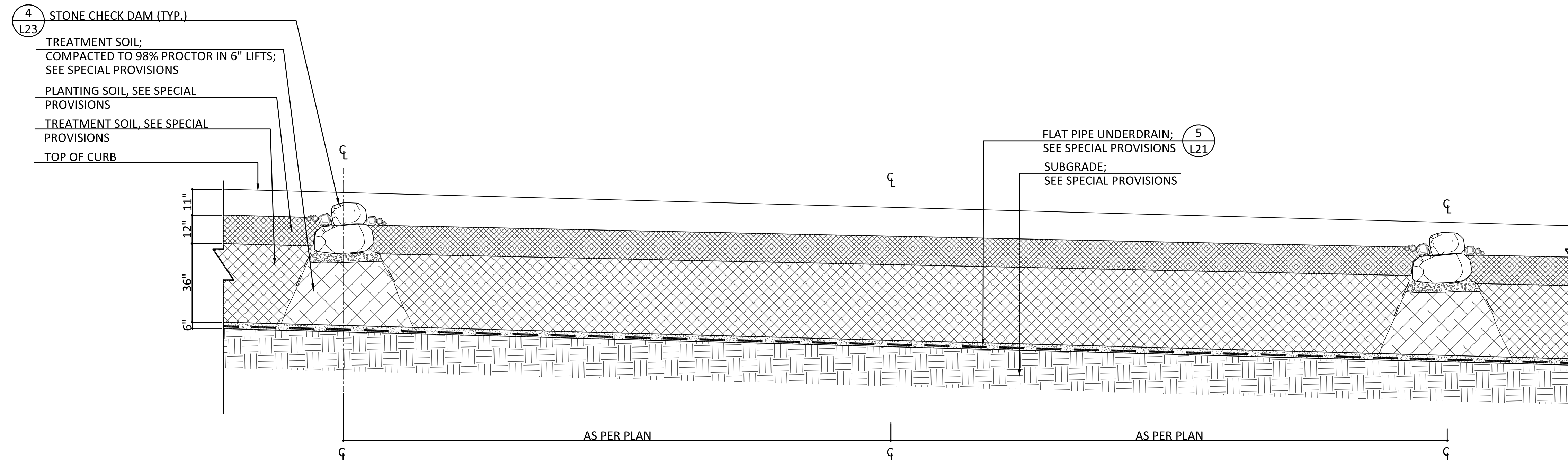
1 TREATMENT PLANTER TYPICAL- TYPE A AND B | FOGGY BOTTOM STREET (VIEWING EAST) AND ISLAND HOME AVENUE (VIEWING NORTH) PROFILE

N.T.S.

N.I.C.

2 TREATMENT PLANTER TYPICAL TYPE C | BARBER STREET PROFILE

N.T.S.



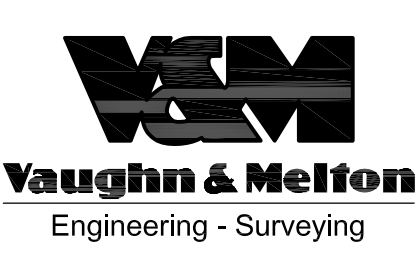
3 TREATMENT PLANTER TYPICAL TYPE D | FOGGY BOTTOM STREET AND ISLAND HOME AVENUE (VIEWING SOUTH) PROFILE

N.T.S.

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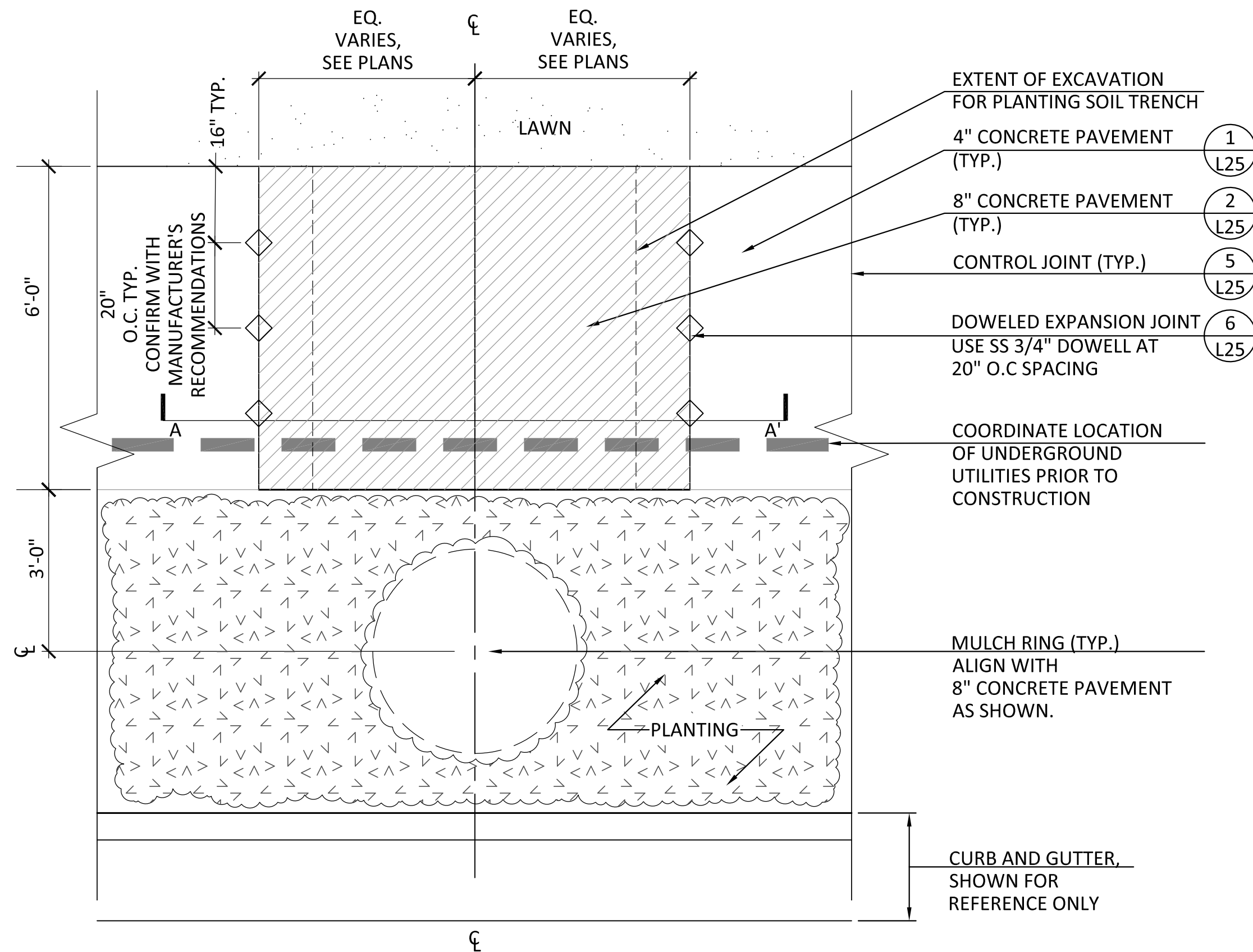
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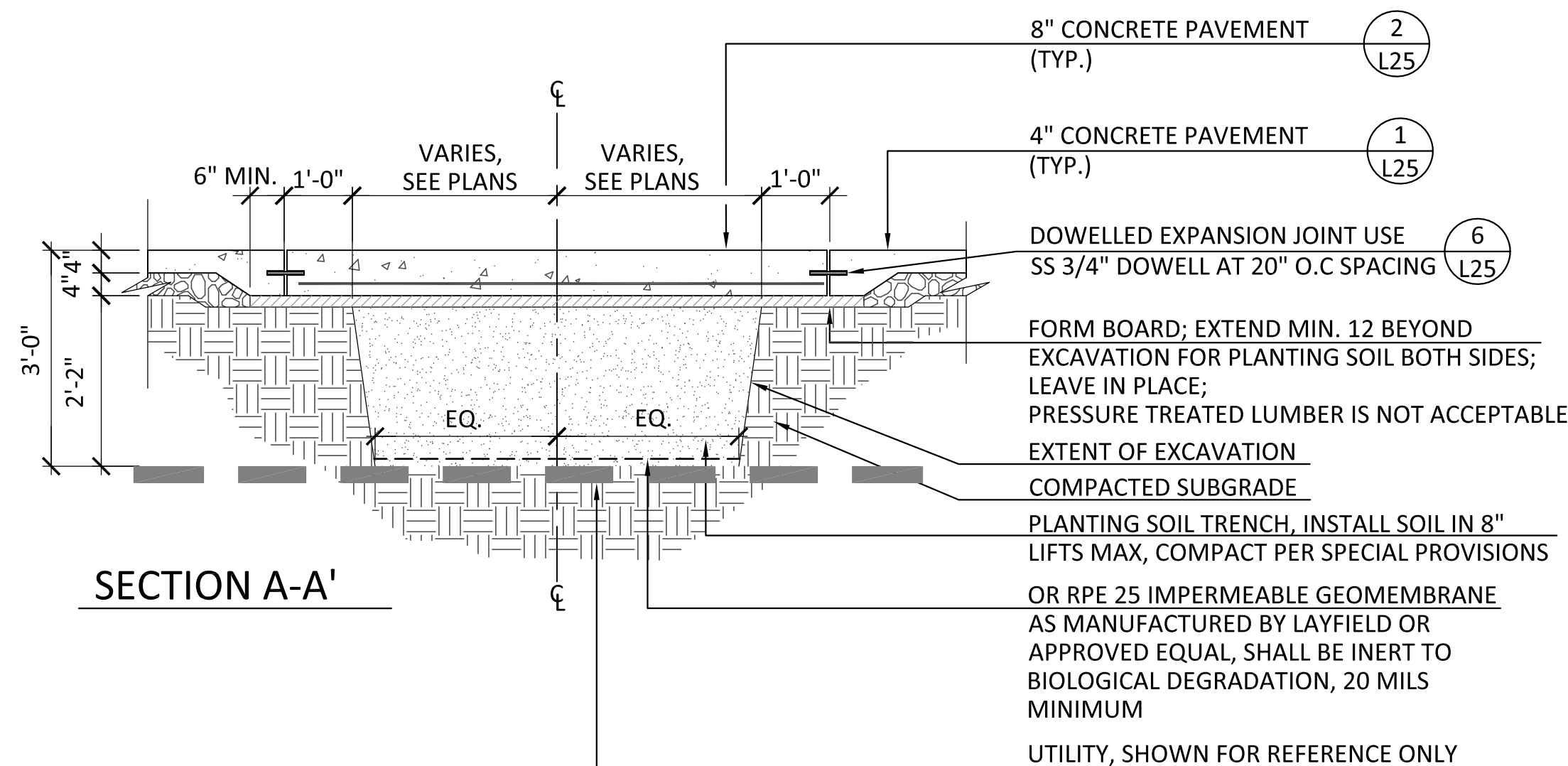
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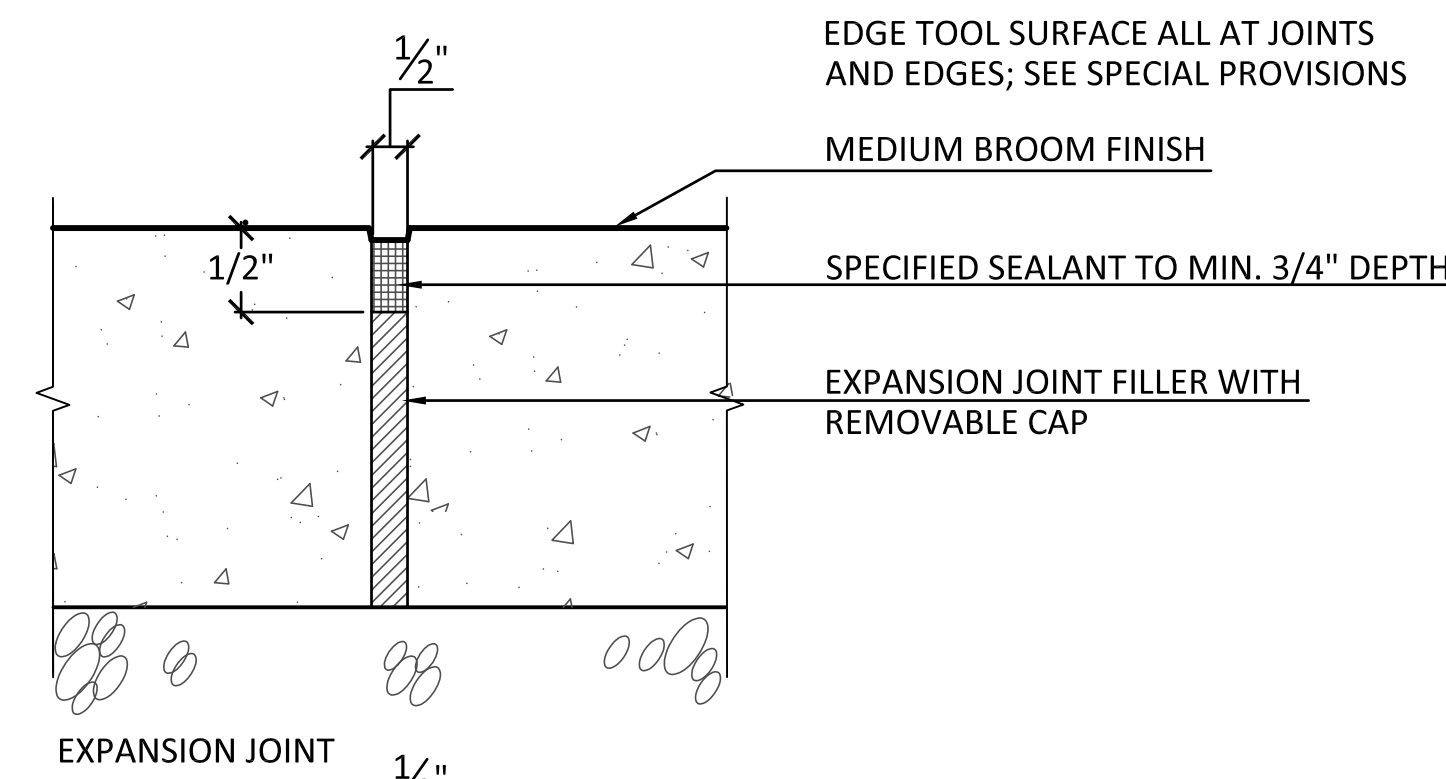
8 SPEED TABLE AND RAISED CROSSWALK N.T.S.



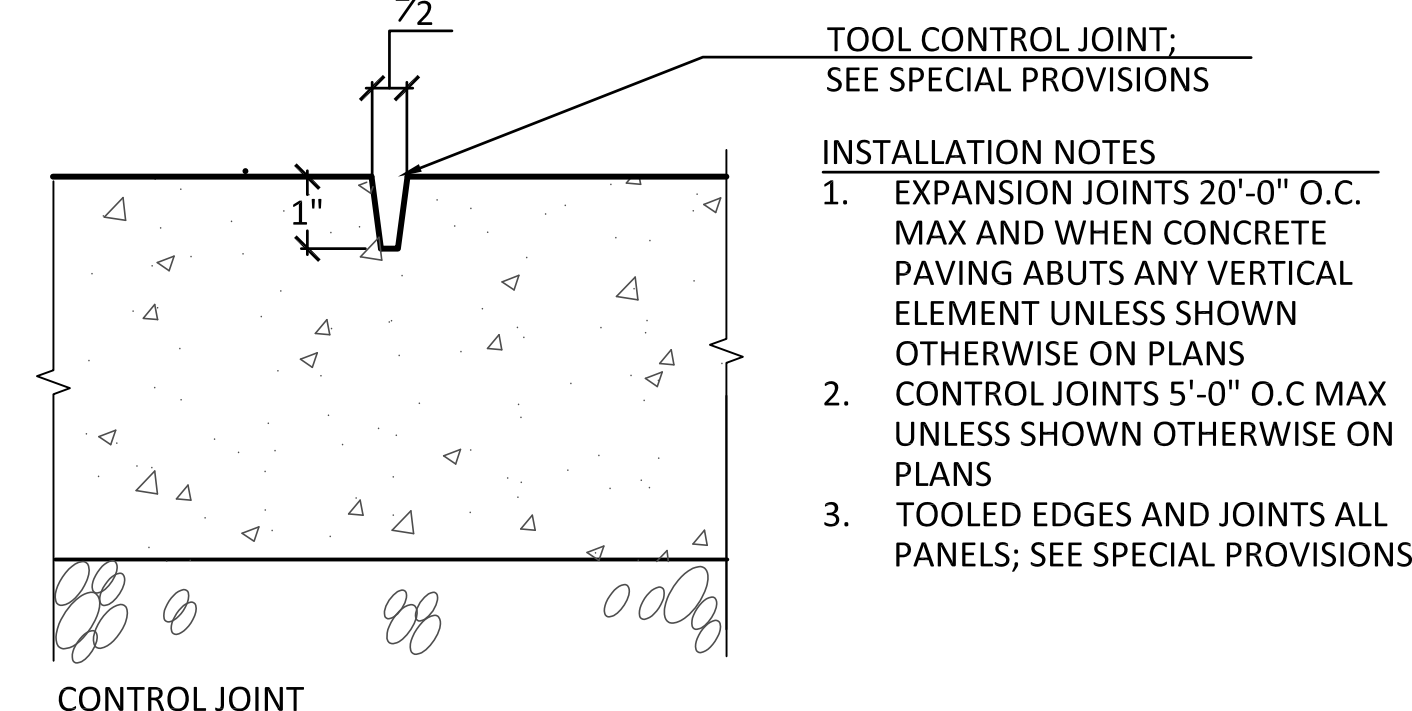
PLAN



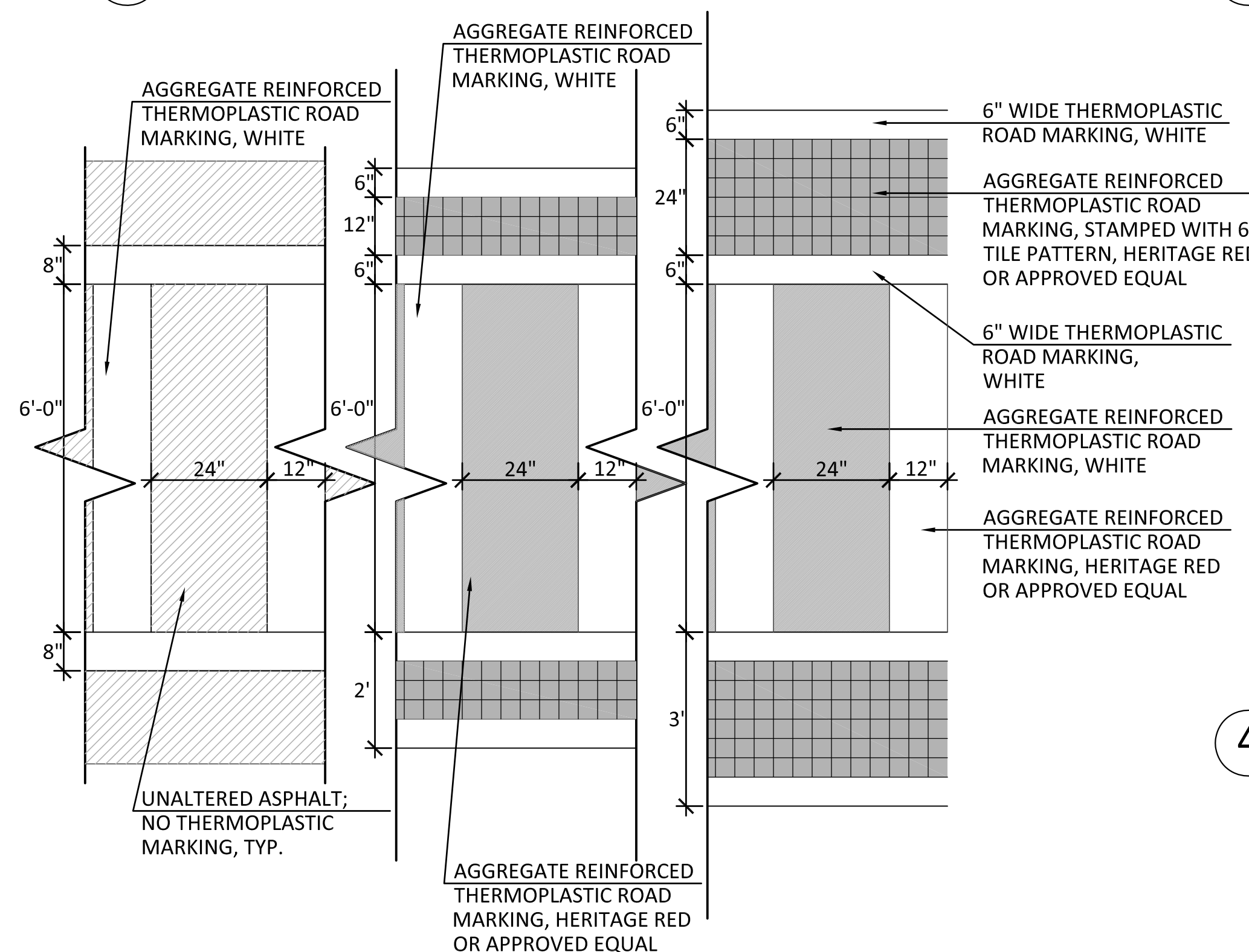
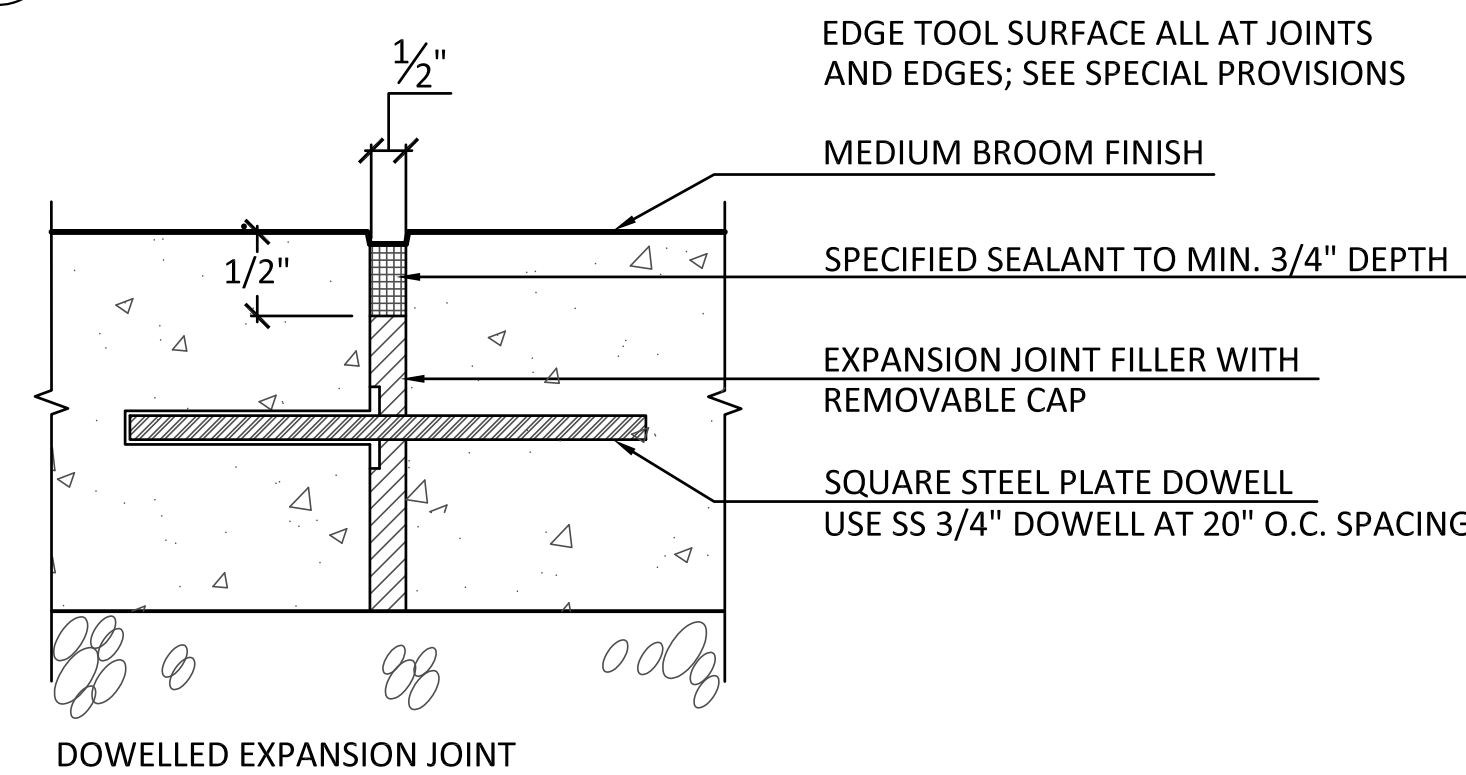
9 SUSPENDED SIDEWALK N.T.S.



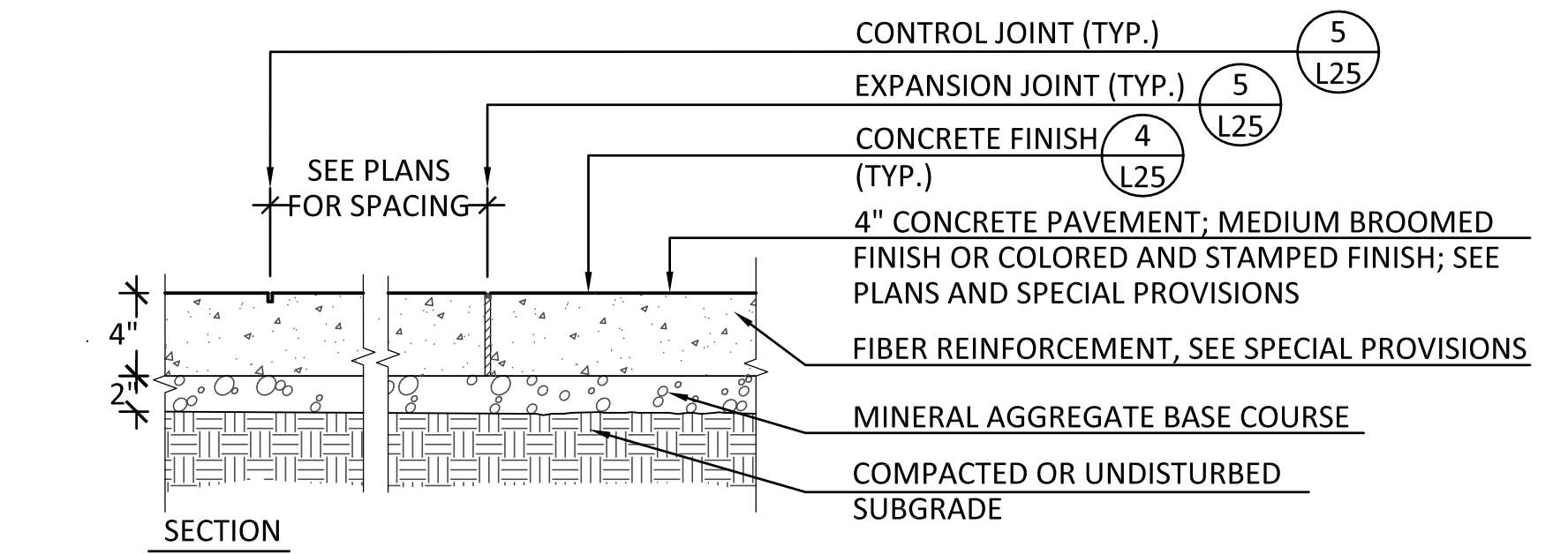
5 EXPANSION AND CONTROL JOINTS N.T.S.



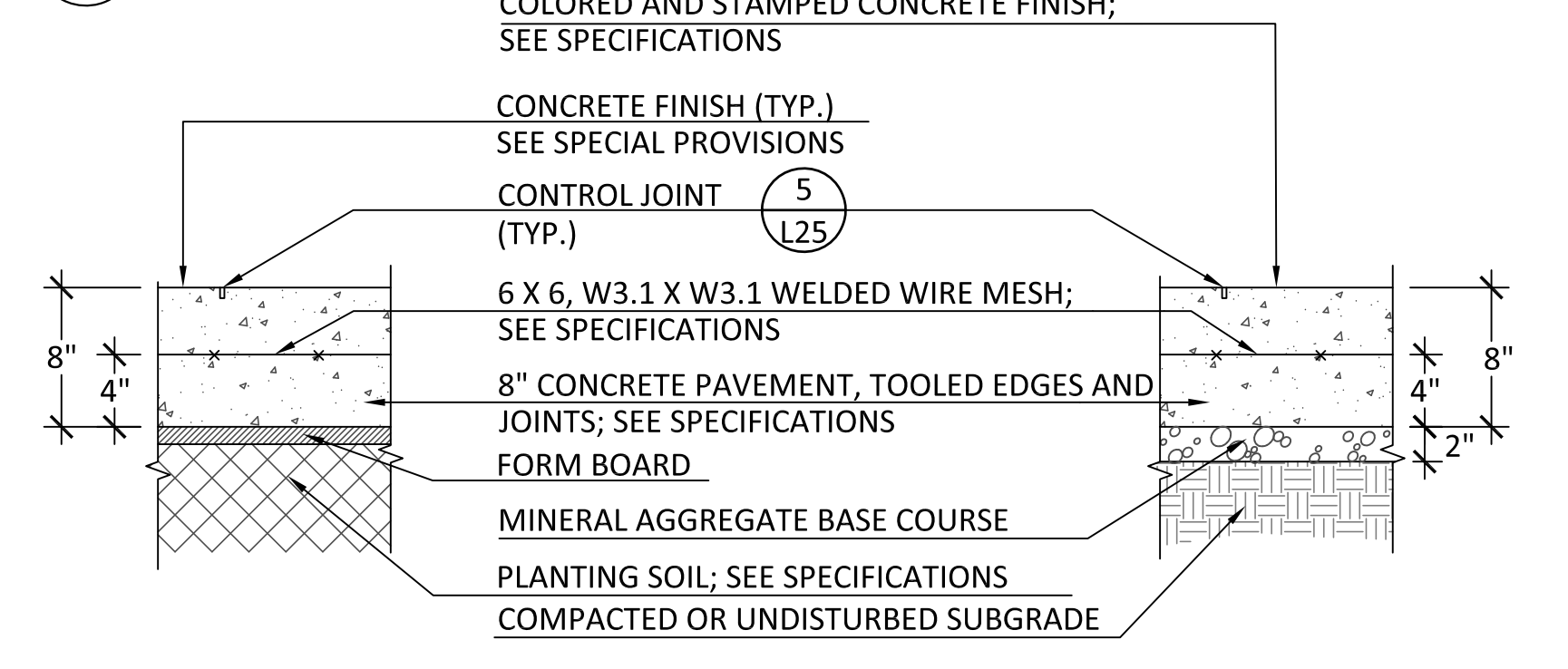
6 DOWELED EXPANSION JOINT N.T.S.



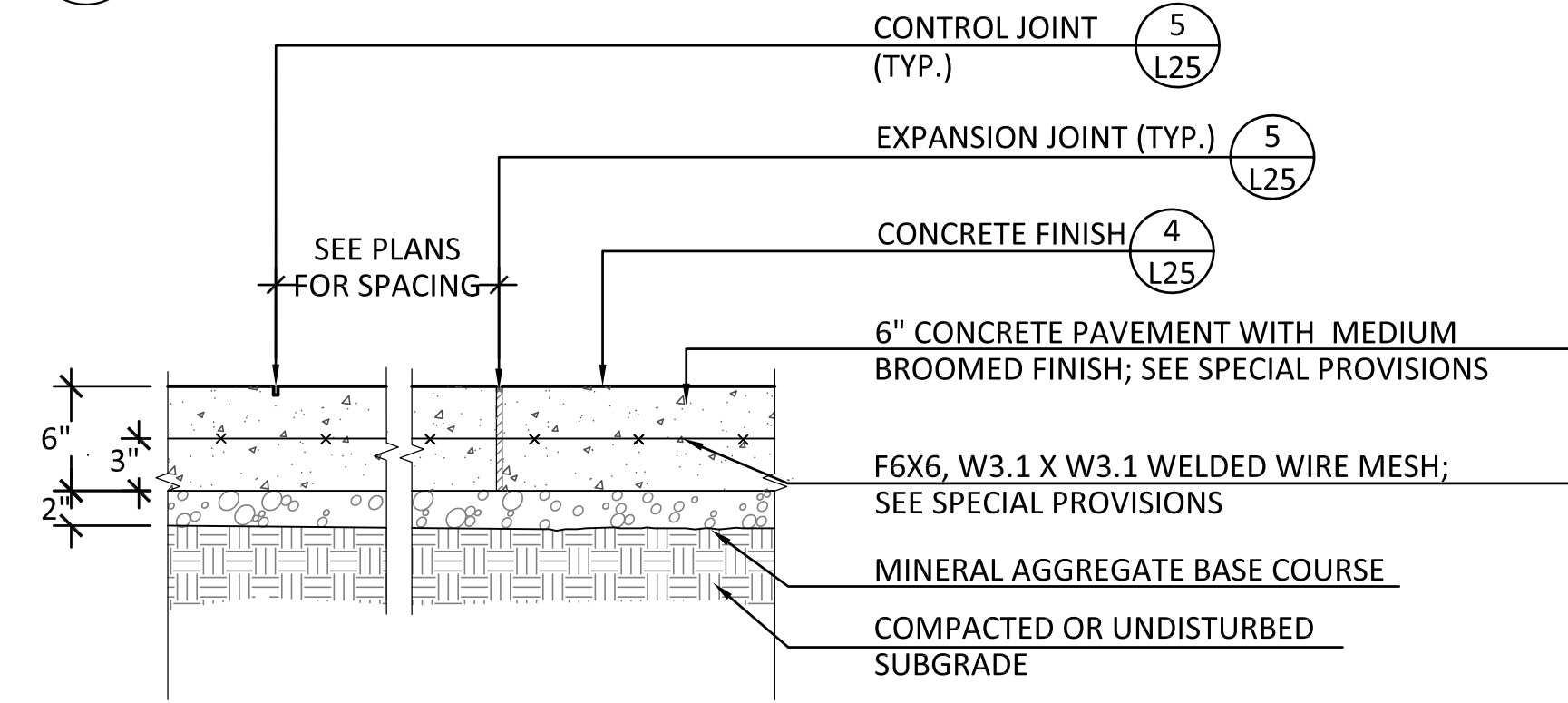
7 PEDESTRIAN CROSSING N.T.S.



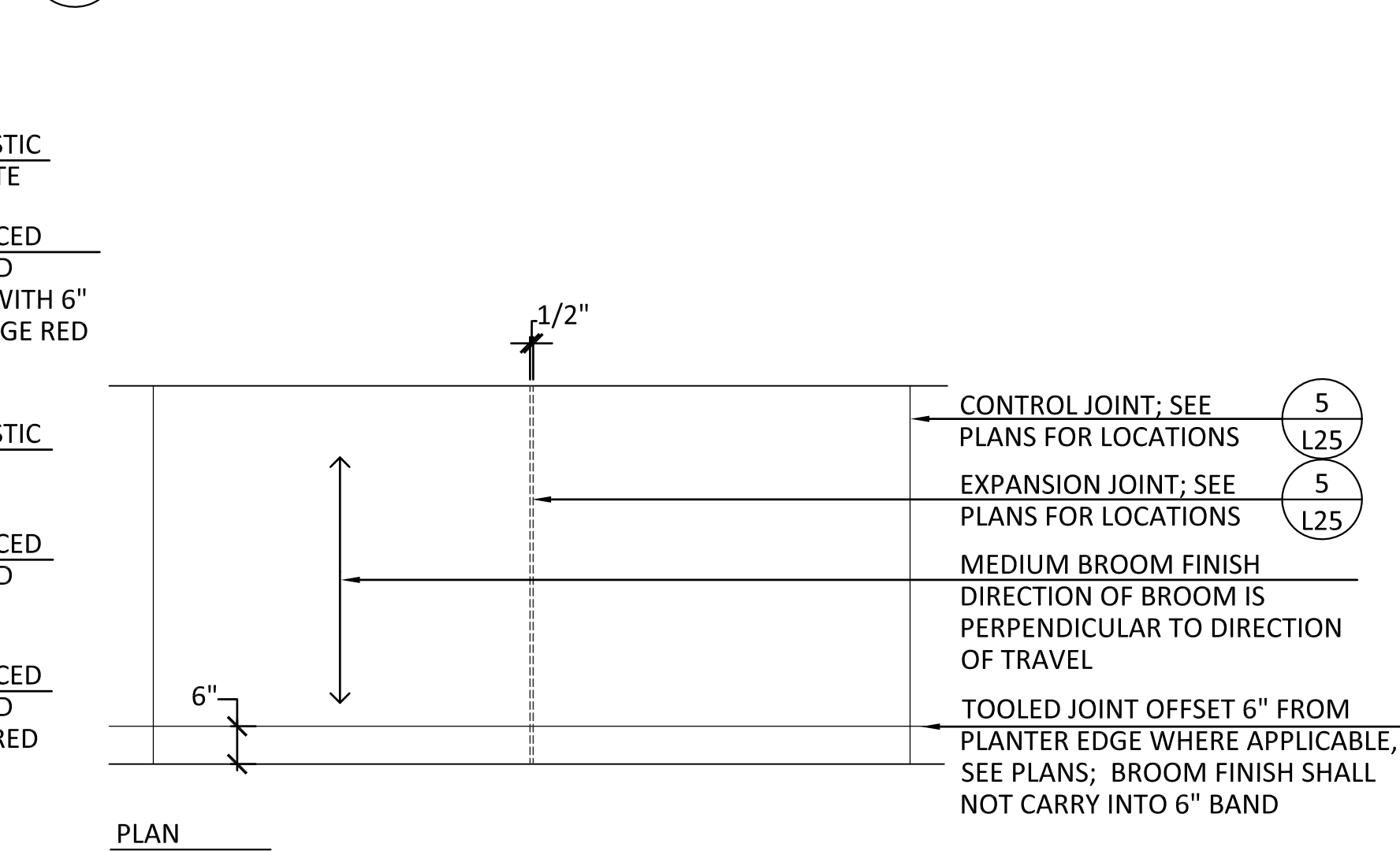
1 4" CONCRETE PAVEMENT N.T.S.



2 8" CONCRETE PAVEMENT N.T.S.



3 6" CONCRETE PAVEMENT N.T.S.

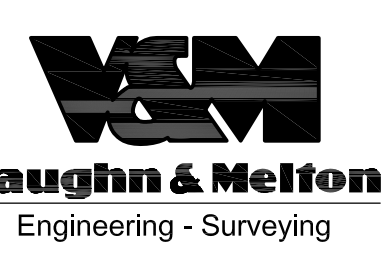


4 CONCRETE FINISH N.T.S.

NO.	DATE	DESCRIPTION

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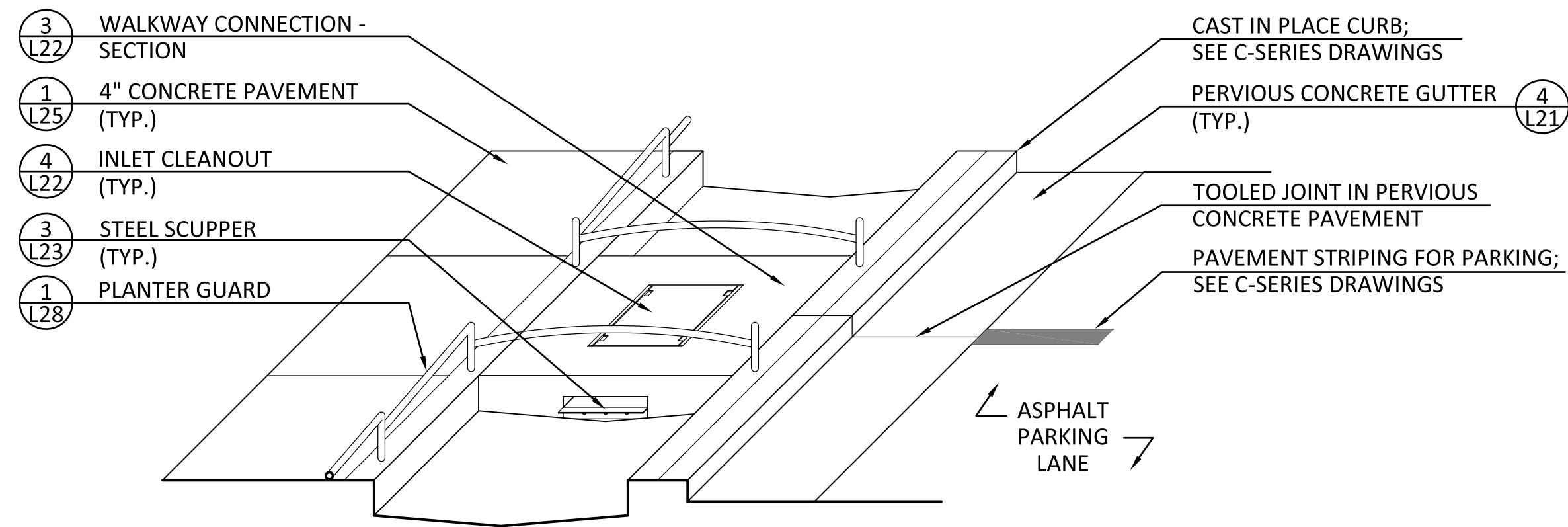
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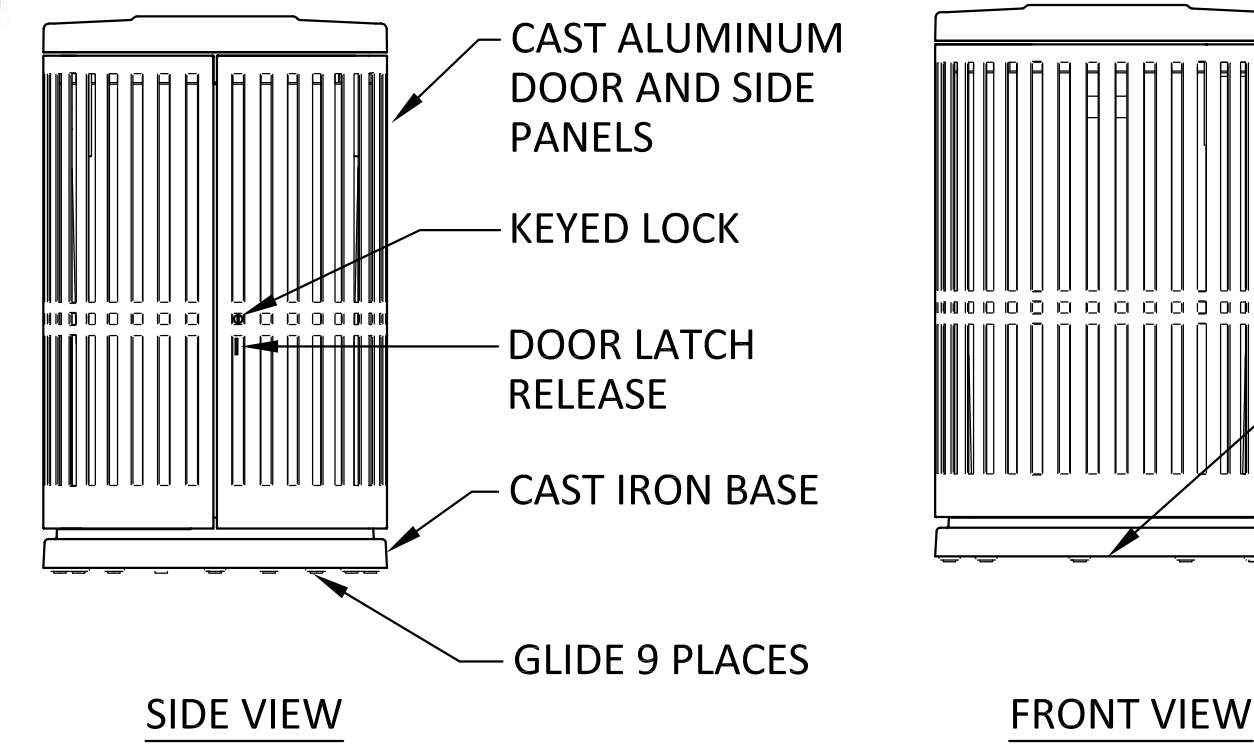
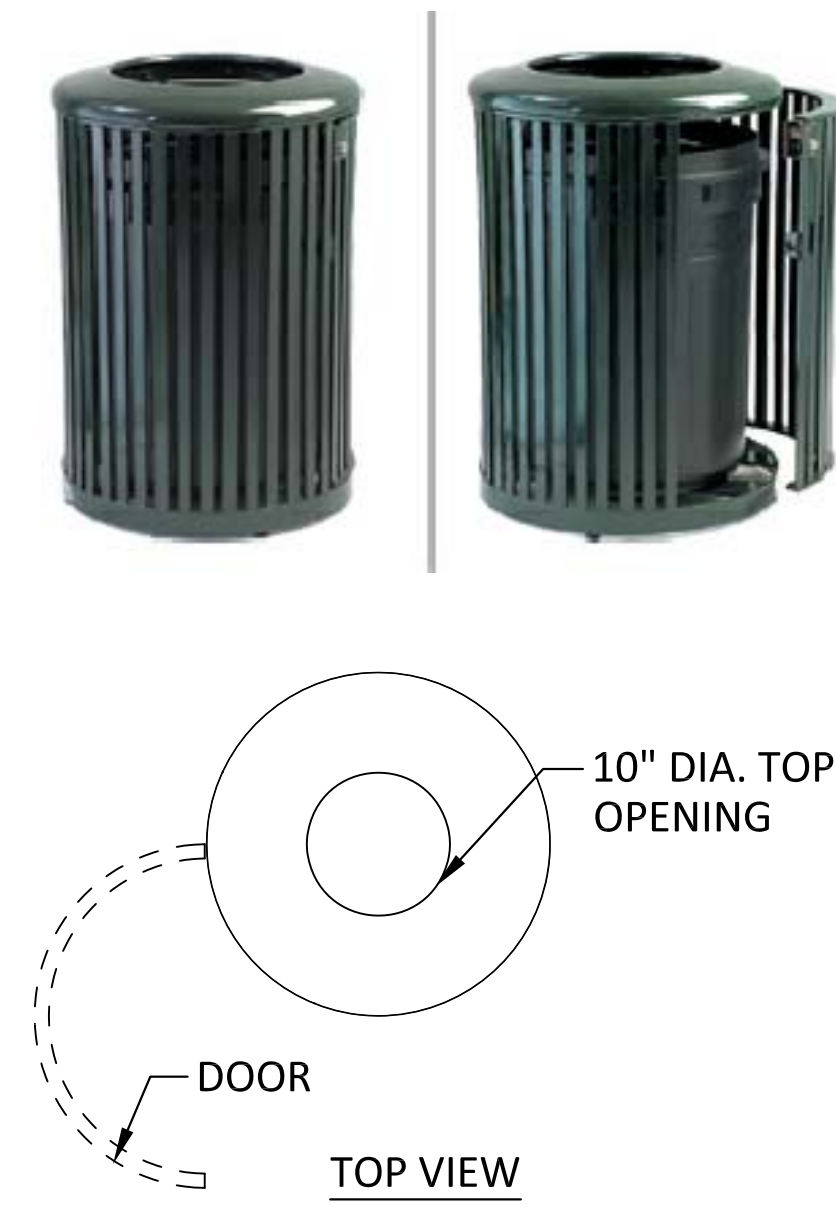
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SCALE: 1" = 20'
DATE: 08-11-2017
FILE NAME:
DRAWING TITLE:

SITE DETAILS
DWG OF DRAWING NO: L25



N.I.C.

3 WALKWAY CONNECTIONS
N.T.S.

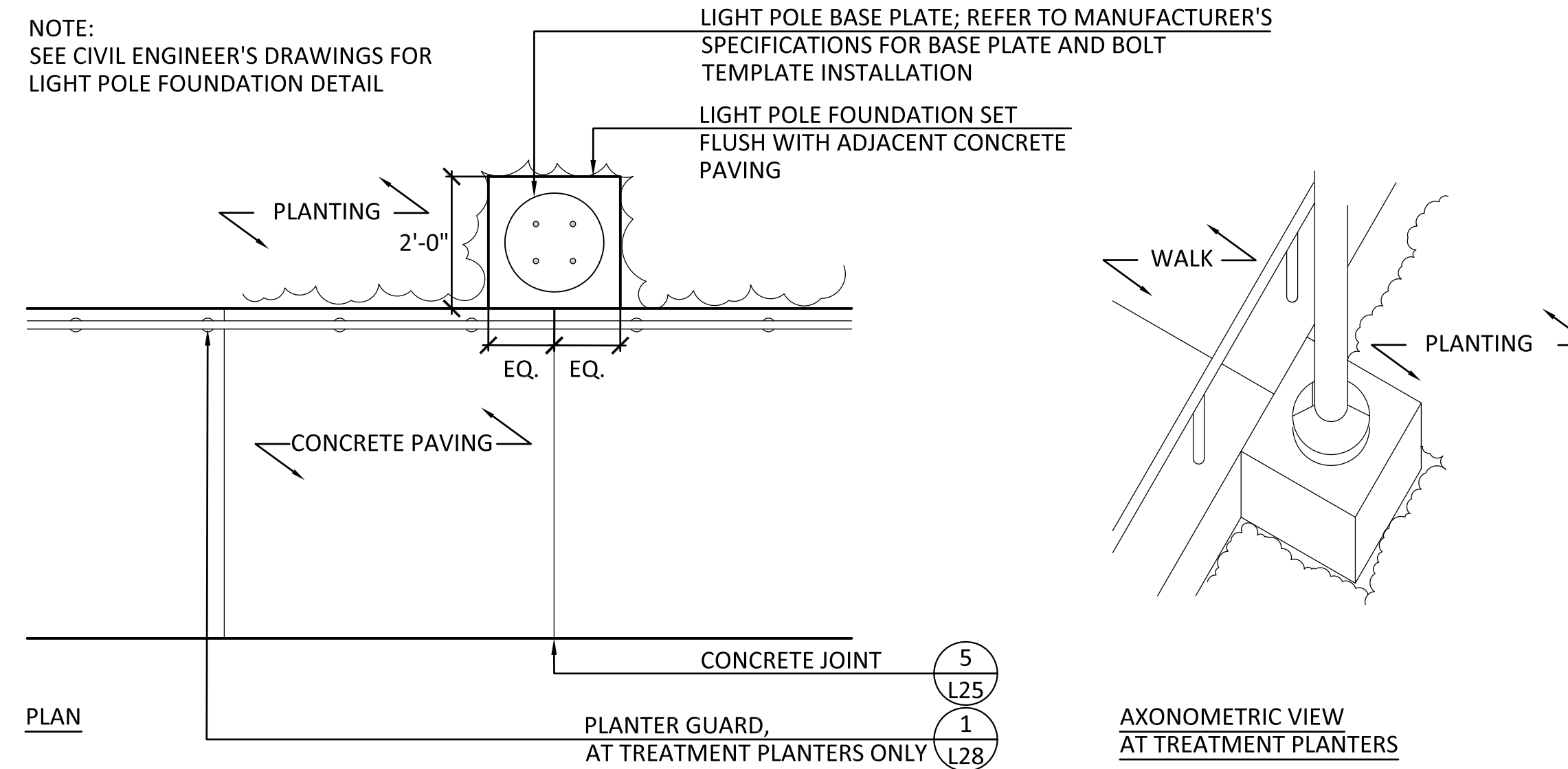


MANUFACTURER: VICTOR STANLEY*
 MODEL: NSDC-36
 DESCRIPTION:
 COLOR: LITTER - BLACK, RECYCLING - GREEN
 FINISH: POWDER COAT
 CONTACT: VICTORSTANLEY.COM
 1-800-368-2573

*OR APPROVED EQUAL
 NOTE:
 BASE HAS 2 EA. 13/32" DIA. HOLES FOR SURFACE MOUNTING (HARDWARE PROVIDED BY OTHERS)

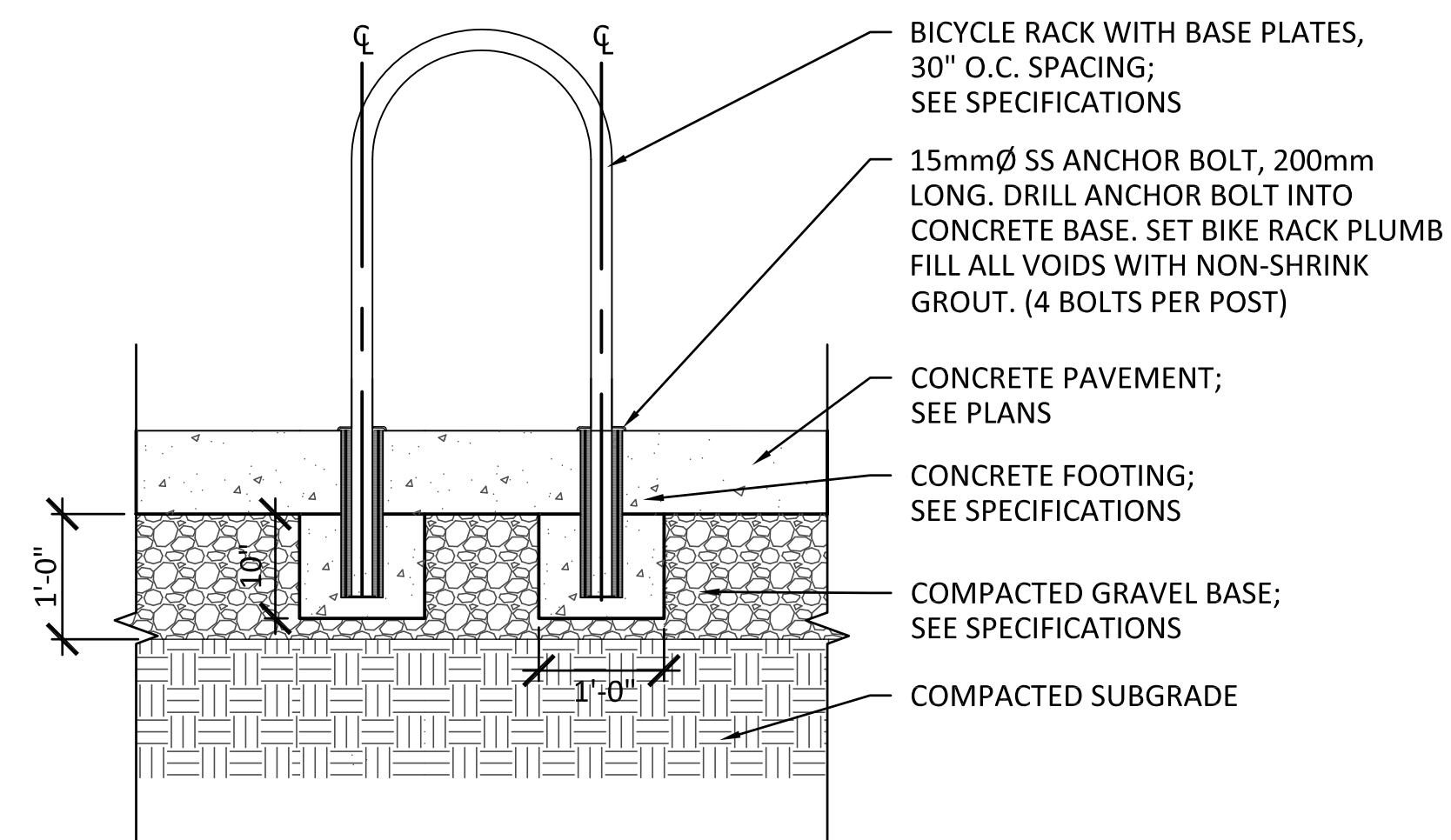
4 LITTER AND RECYCLING RECEPTACLES

1 FURNISHING LAYOUT, ROUNDABOUT STAMPED CONCRETE SECTION
N.T.S.



NOTE:
 SEE CIVIL ENGINEER'S DRAWINGS FOR LIGHT POLE FOUNDATION DETAIL
 LIGHT POLE BASE PLATE; REFER TO MANUFACTURER'S SPECIFICATIONS FOR BASE PLATE AND BOLT TEMPLATE INSTALLATION
 LIGHT POLE FOUNDATION SET FLUSH WITH ADJACENT CONCRETE PAVING
 CONCRETE JOINT
 PLANTER GUARD, AT TREATMENT PLANTERS ONLY

5 BIKE RACK
N.T.S.

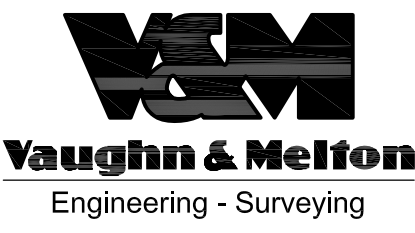


2 LIGHTING FOOTING
N.T.S.

NO.	DATE	DESCRIPTION

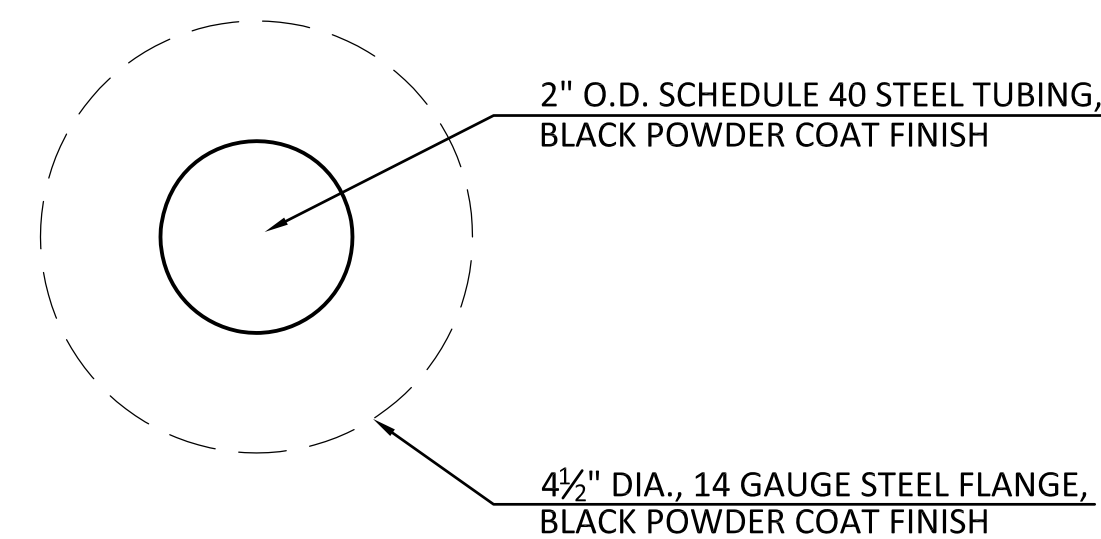
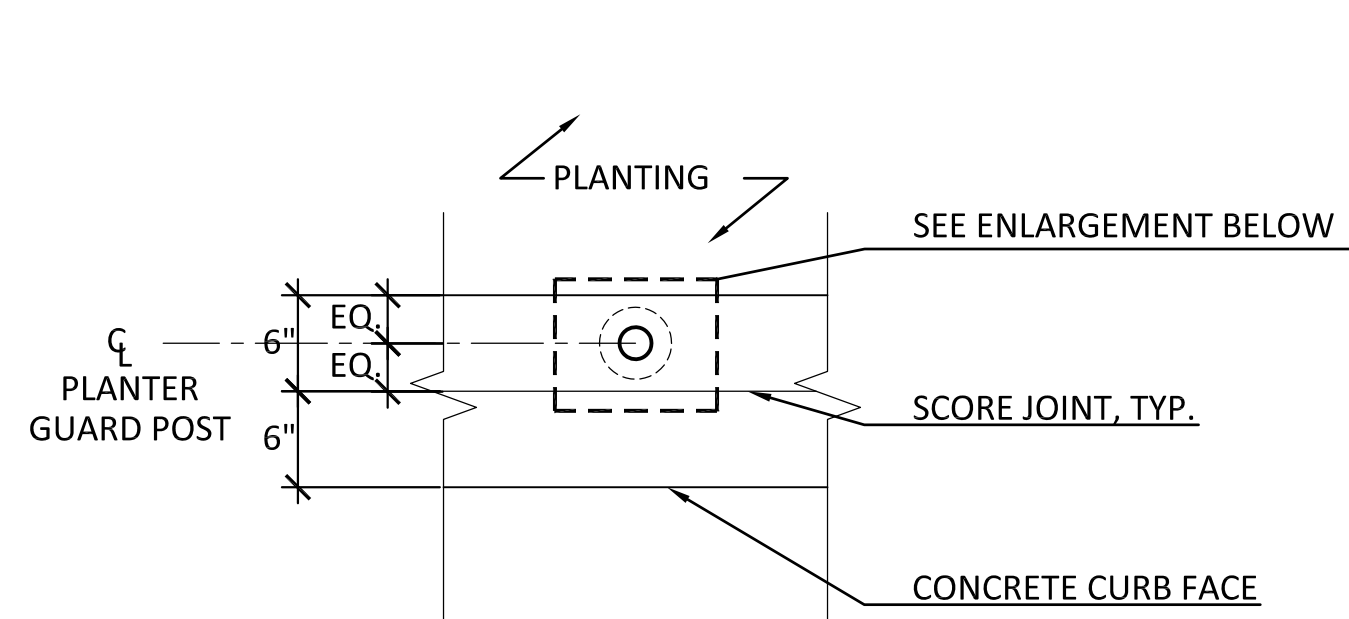
R.O.W. PLANS

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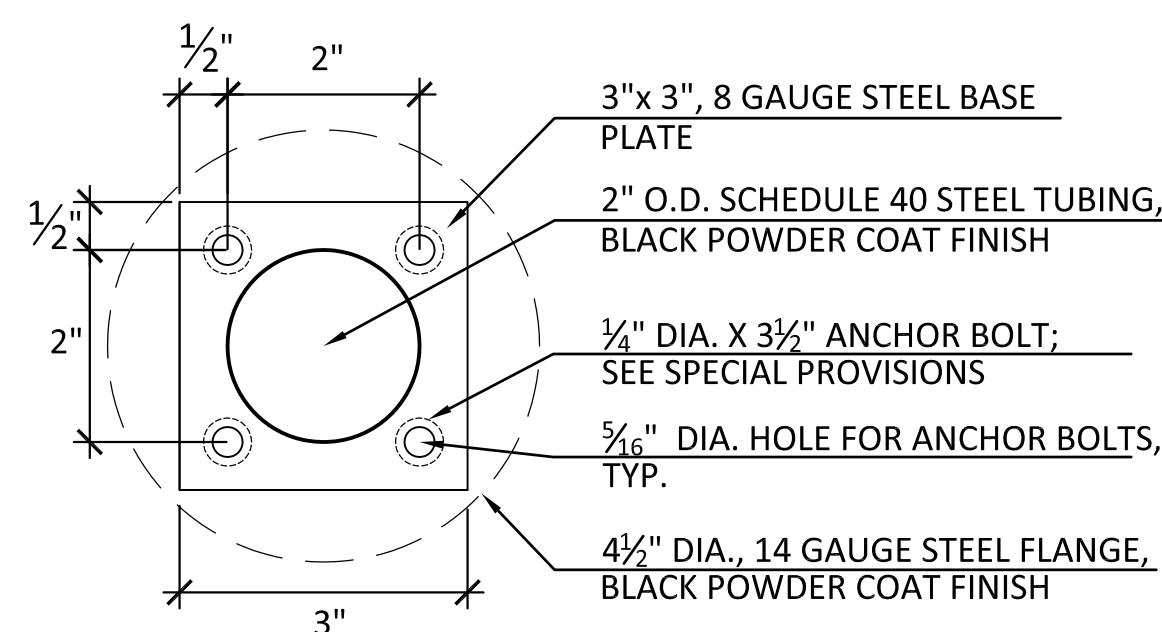
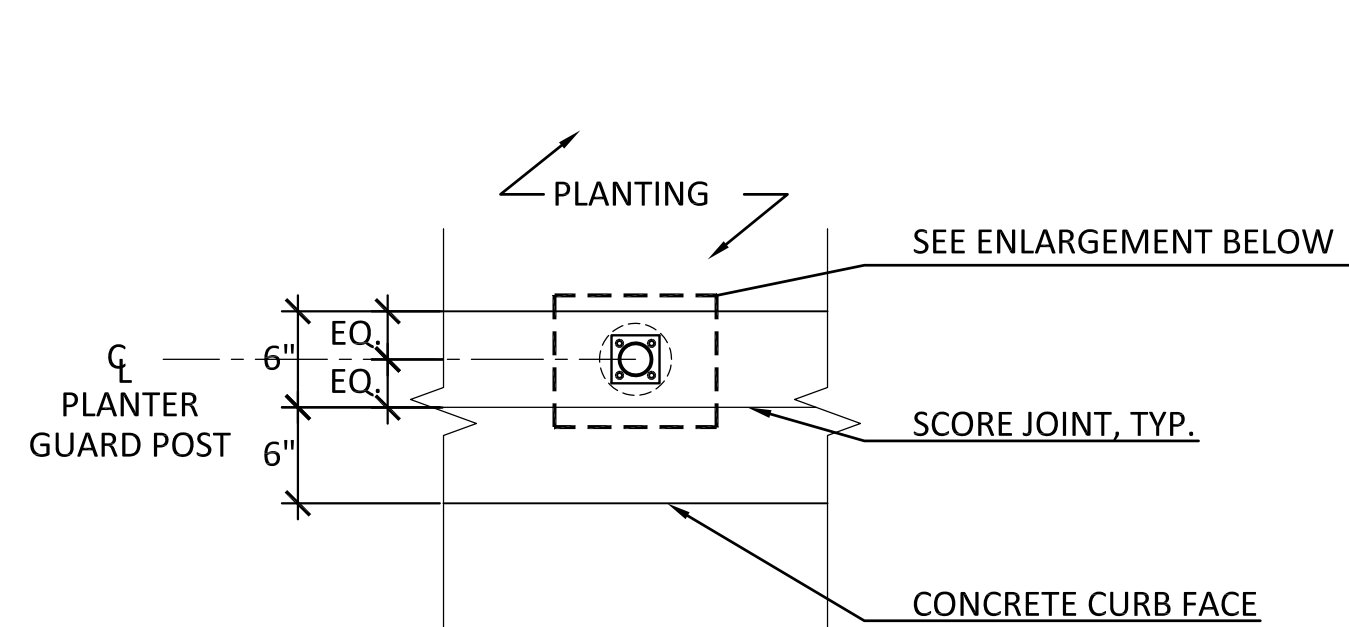
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JOB NO: 051430-37	L26
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DRAWING TITLE:	
SITE DETAILS	



PLAN

SECTION

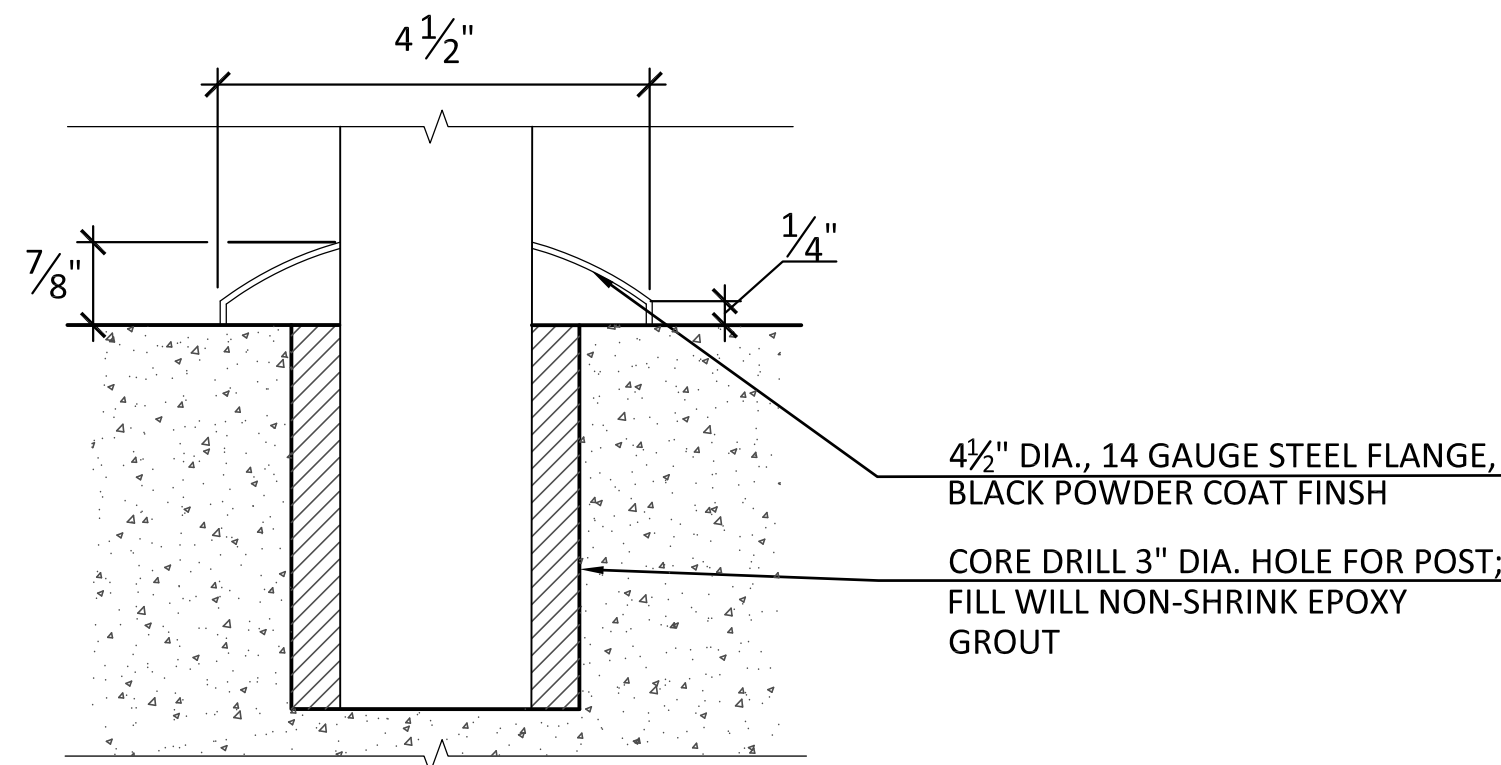
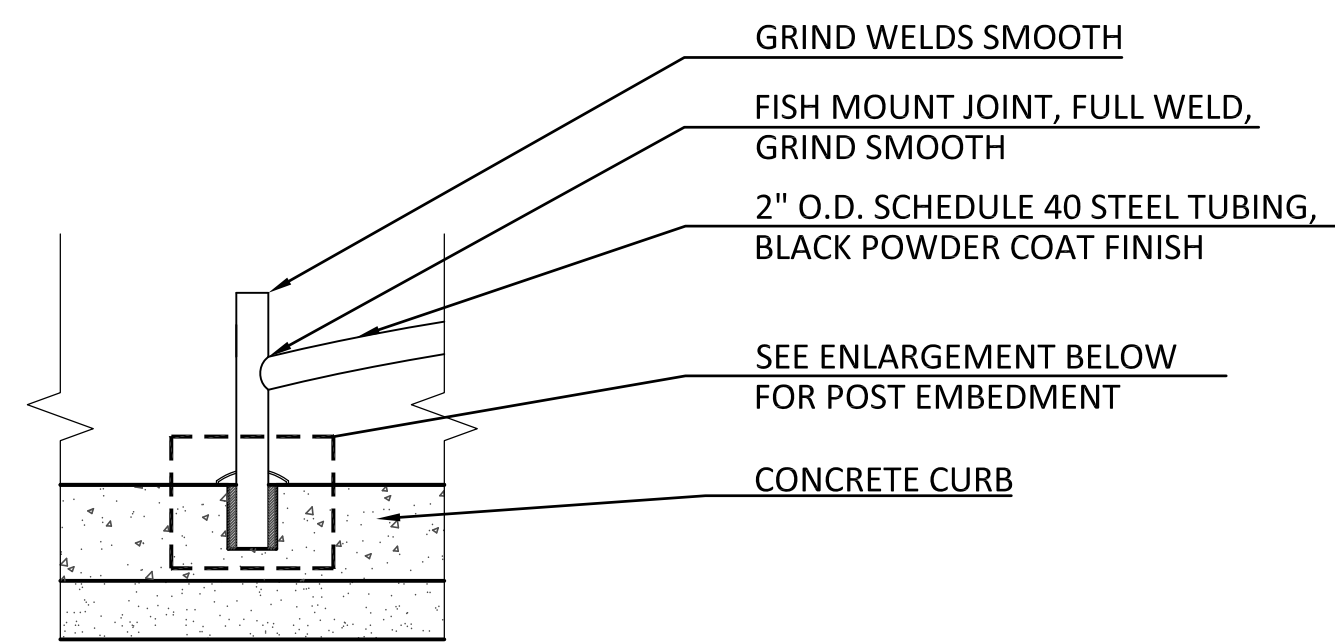
2 END POST
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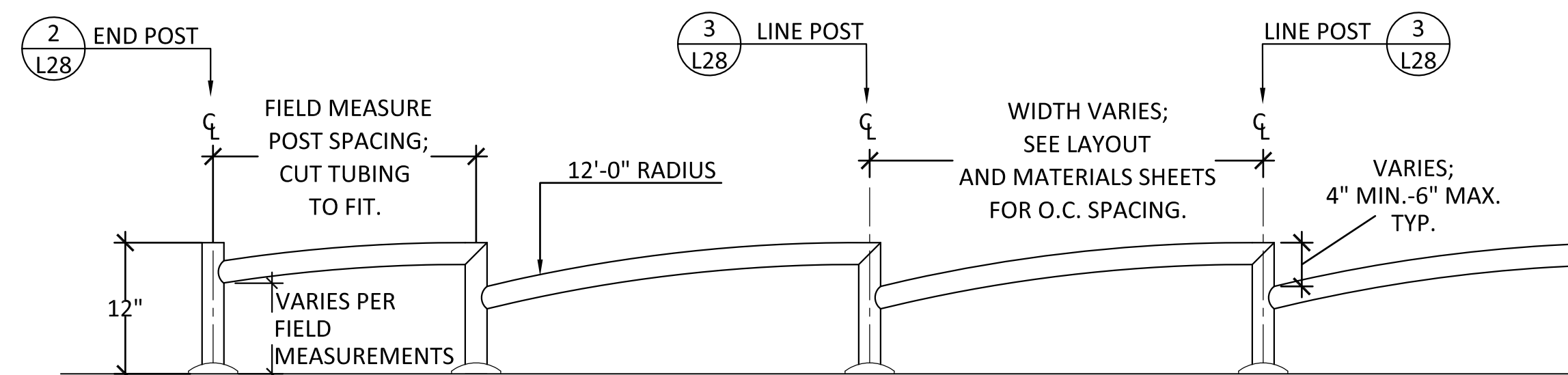
PLAN

SECTION

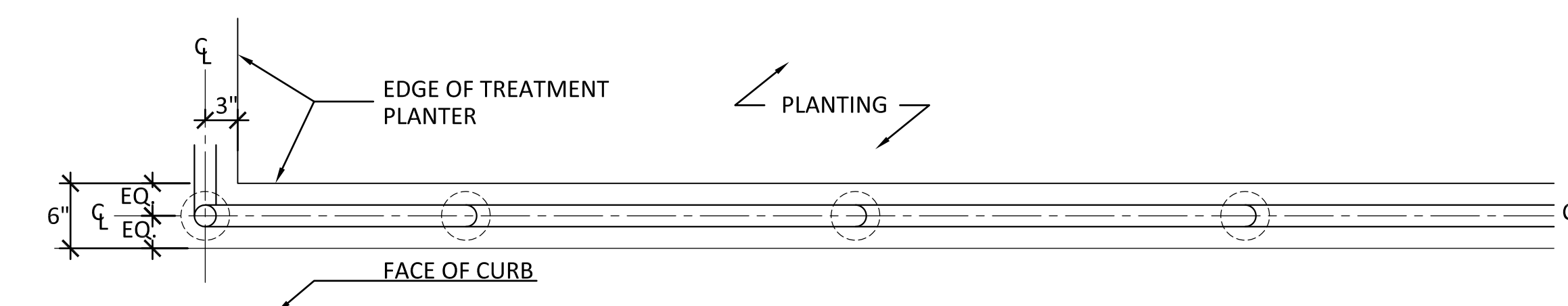
3 LINE POST
N.T.S.



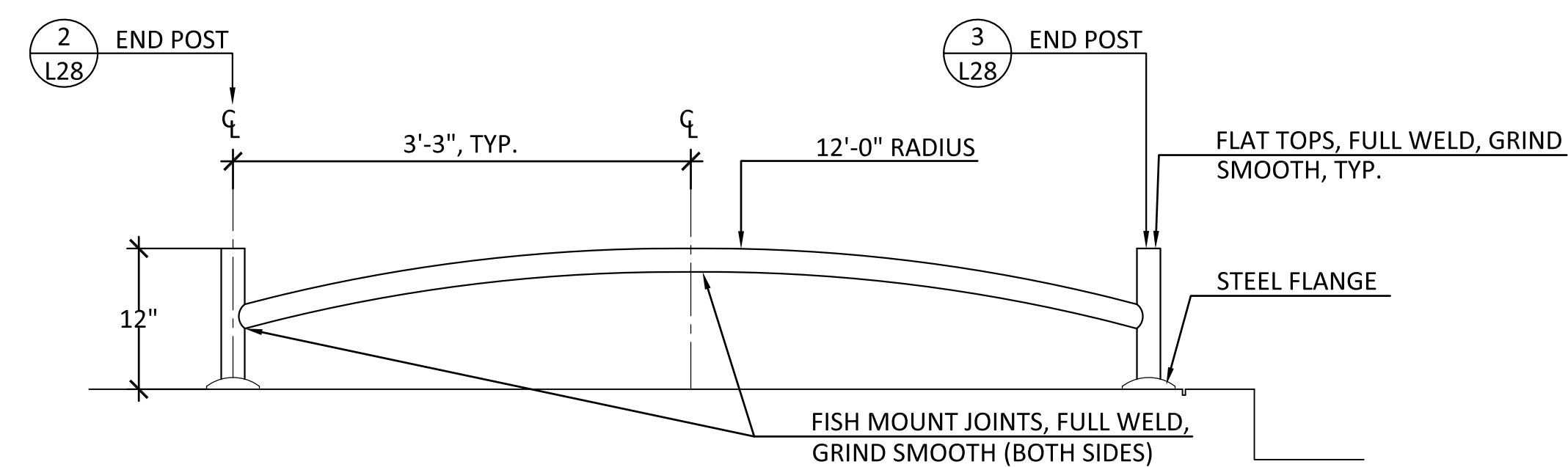
NOTE:
SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SHOPS SHALL BE MEASURED DRAWINGS AND INCLUDE ALL INFORMATION RELATED TO MATERIALS, FINISHES, WELDS, FASTENERS, AND ALL APPURTENANCES RELATED TO THE CONSTRUCTION, FABRICATION, AND INSTALLATION OF PLANTER GUARDS.



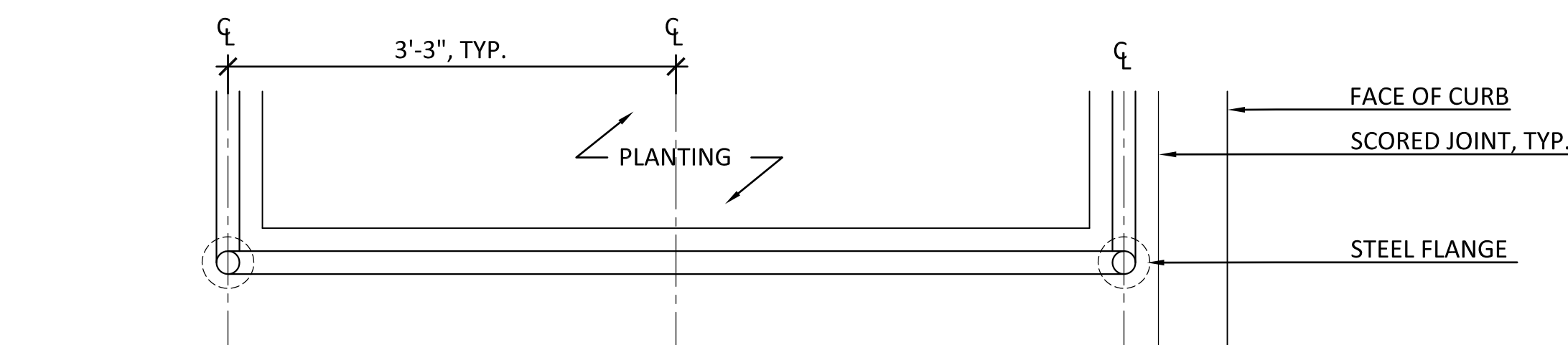
ELEVATION- ALONG PLANTER'S LONG AXIS



PLAN- ALONG PLANTER'S LONG AXIS



ELEVATION- ALONG PLANTER'S SHORT AXIS



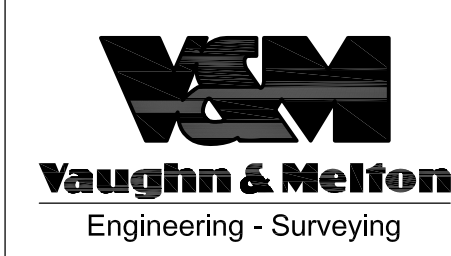
PLAN- ALONG PLANTER'S SHORT AXIS

1 PLANTER GUARDS
N.T.S.

NO.	DATE	REVISIONS DESCRIPTION

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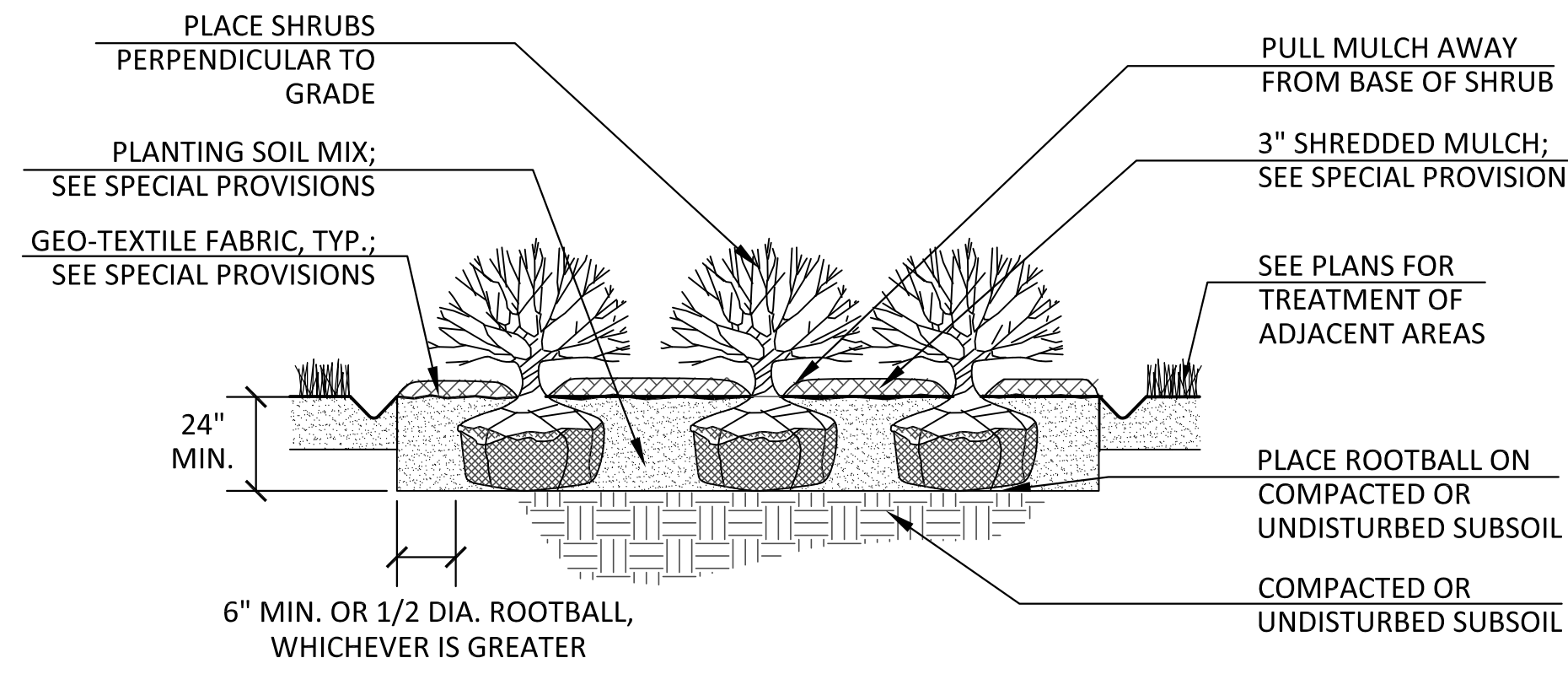
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SITE DETAILS
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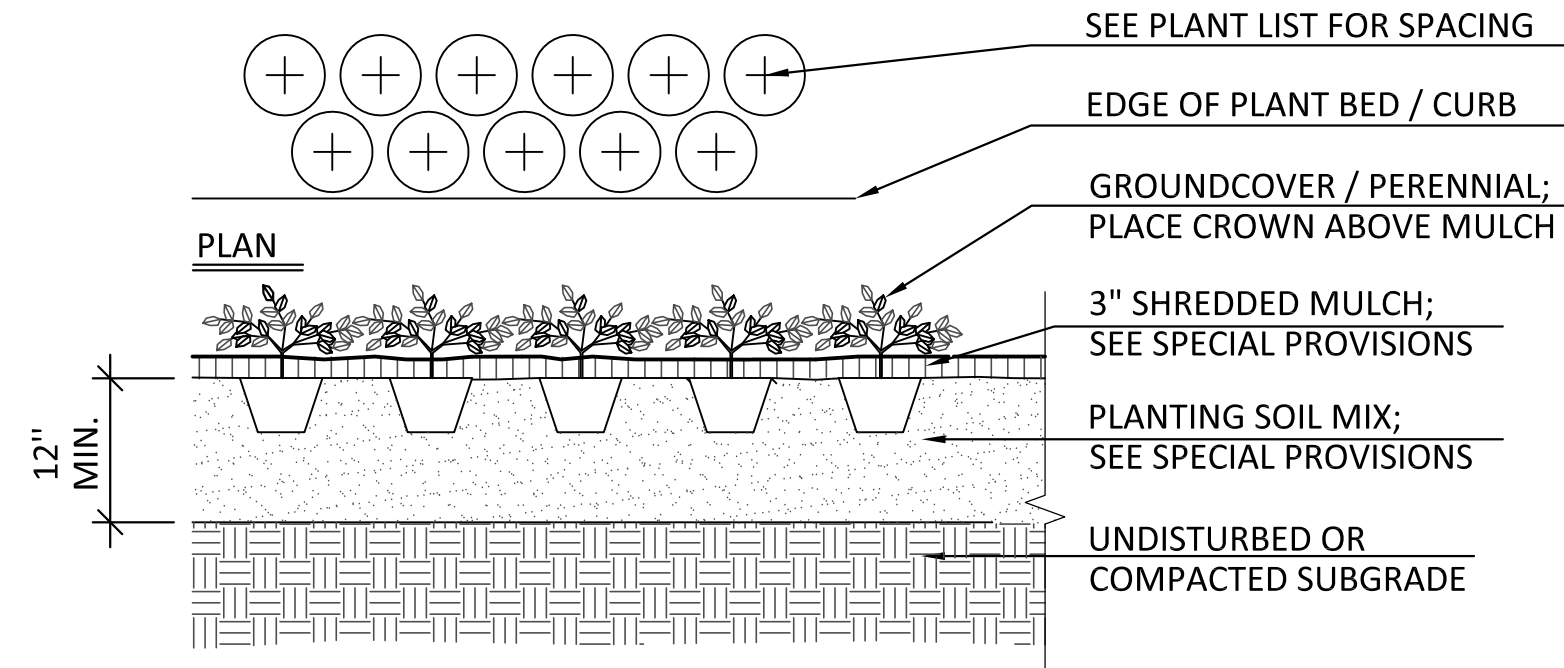


3 DECIDUOUS/EVERGREEN SHRUB, UPLAND PLANTER
N.T.S.

N.I.C.

NOTE:

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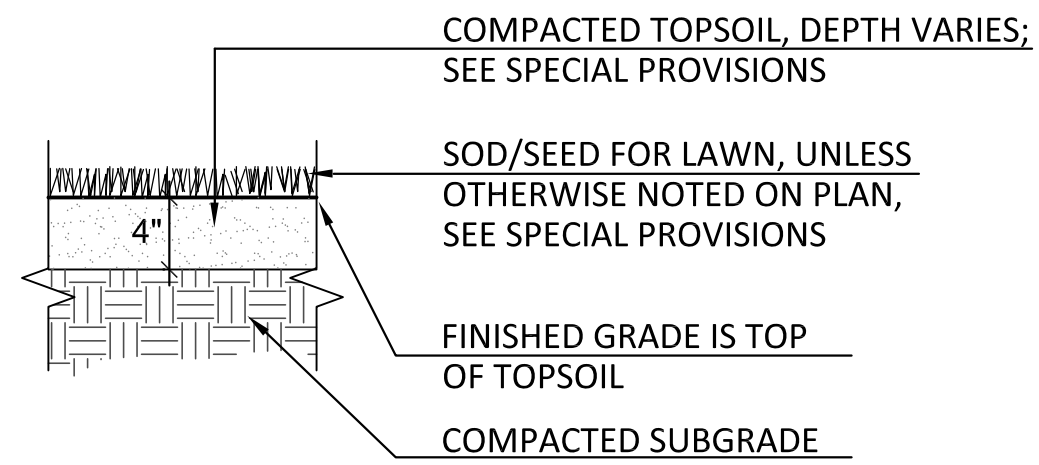


4 GROUNDCOVER/PERENNIALS, UPLAND PLANTER
N.T.S.

1 DECIDUOUS TREE, UPLAND PLANTER
N.T.S.

NOTE:

- NO MATERIAL SHALL BE INSTALLED WITHOUT APPROVAL FROM OWNER'S REPRESENTATIVE.



5 LAWN SOD/SEED
N.T.S.

N.I.C.

N.I.C.

2 DECIDUOUS TREE ON SLOPE
N.T.S.

6 FIBER REINFORCED SOIL FOR SOD
N.T.S.

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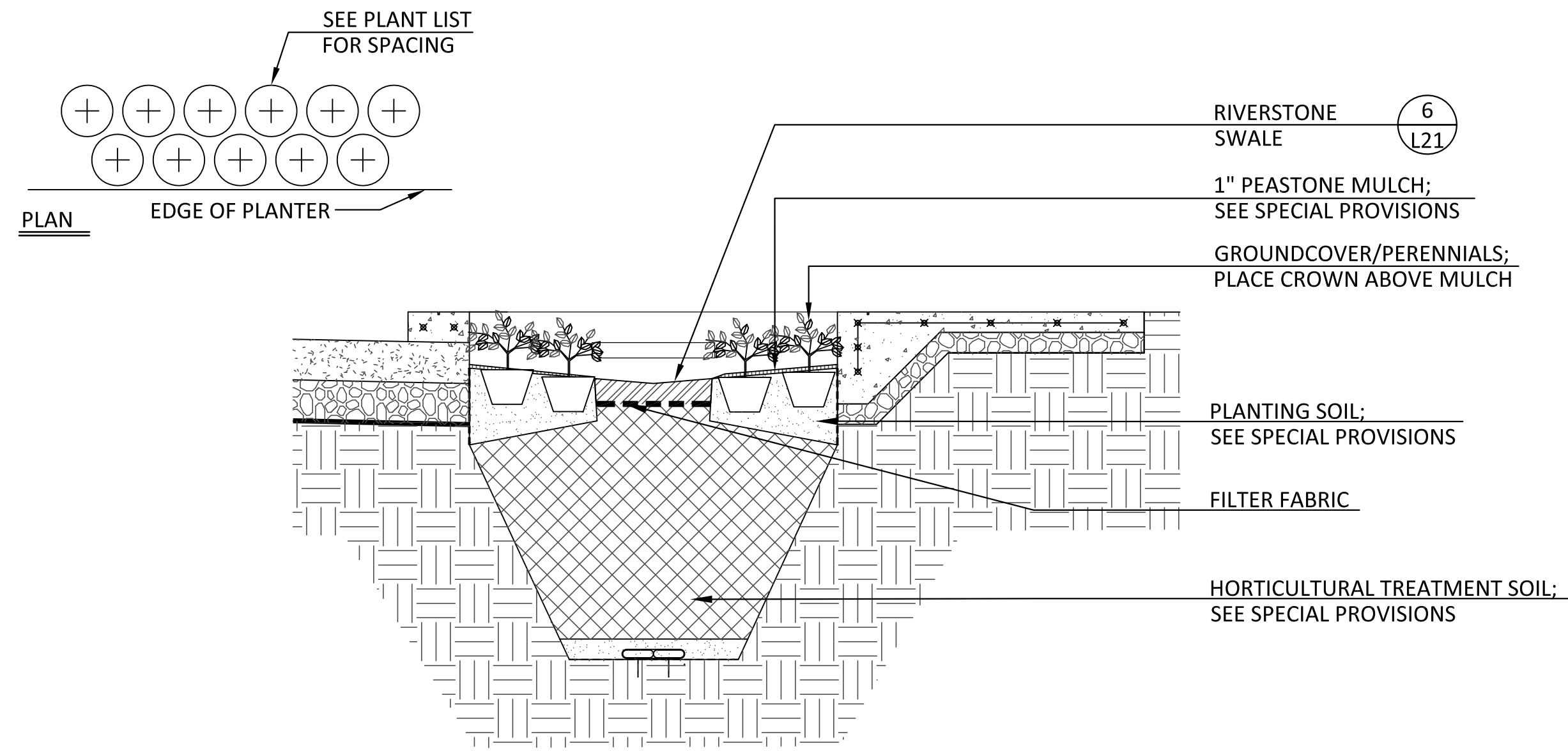
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DRAWING TITLE:	
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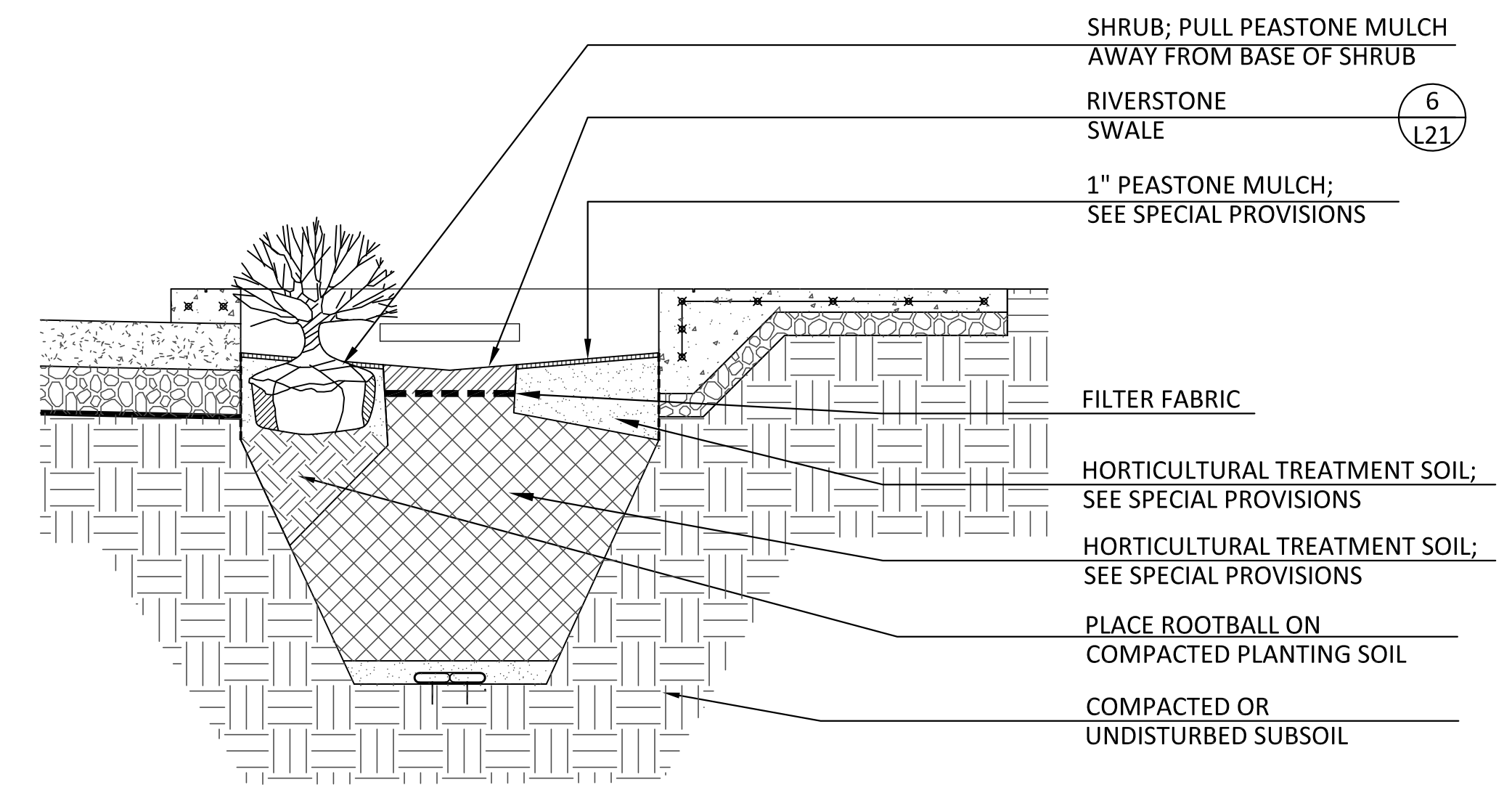


3 GROUNDCOVER/ PERENNIAL, TREATMENT PLANTER
N.T.S.

1 DECIDUOUS TREE, TREATMENT PLANTER
N.T.S.

NOTE:

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2 DECIDUOUS/EVERGREEN SHRUB, TREATMENT PLANTER
N.T.S.

N.I.C.

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DRAWING TITLE:	TREATMENT PLANTER PLANTER DETAILS
DWG OF	DRAWING NO: L30

PLANT SCHEDULE

UPLAND PLANTER PALETTE

QTY	SYM	SCIENTIFIC NAME	COMMON NAME	MIN. SIZE	NOTES
EVERGREEN SHRUBS					
27	CH	CEPHALOTAXUS HARRINGTONIA	DUKE GARDENS YEW	#5 CONT.	36" HGT., 42" O.C.
27	IG	ILEX VOMITORIA 'SHILLINGS DWARF'	SHILLINGS DWARF YAUPON HOUY	#5 CONT.	30" HGT., 36" O.C.
54	TOTAL				
ORNAMENTAL SHRUBS					
6	FG	FOTHERGILLA GARDENII 'BLUE MIST'	BLUE MIST FOTHERGILLA	#3 CONT.	42" O.C.
6	TOTAL				
ORNAMENTAL GRASSES					
21	CAK	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	#3 CONT.	24" O.C.
21	TOTAL				
GROUNDCOVER					
142	HC	HYPERICUM CALYGINUM	DWARF ST. JOHN'S WORT	#1 CONT.	24" O.C.
510	LM	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LIRIOPE	#1 CONT.	12" O.C.
652	TOTAL				
LAWN					
36,490	SF	SOD	TALL TURF TYPE FESCUE		
28,710	SF	SEED	TALL TURF TYPE FESCUE		
65,200	TOTAL SF				

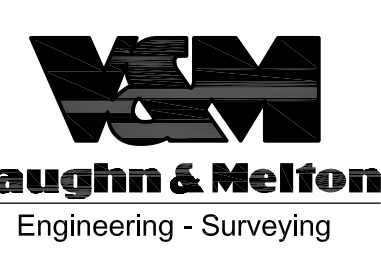
TREATMENT PLANTER PALETTE

QTY	SYM	SCIENTIFIC NAME	COMMON NAME	MIN. SIZE	NOTES
EVERGREEN SHRUBS					
22	IG	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	#5 CONT.	30" HGT., 36" O.C.
22	TOTAL				
ORNAMENTAL SHRUBS					
144	CA	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	#3 CONT.	36" O.C.
144	TOTAL				
GROUNDCOVER					
179	CL	CHASMANTHIUM LATIFOLIA	RIVER OATS	#1 CONT.	30" O.C.
649	CS	CAREX STRICTA	TUSSOCK SEDGE	4" CUP	18" O.C.
198	PV	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCH GRASS	#1 CONT.	30" O.C.
1026	TOTAL				

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	NO.	DATE							

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DWG	DRAWING NO:
OF	L31