

CONTRACT PLANS COMPONENTS
ROADWAY PLANS
WATERLINE RELOCATION PLANS

CITY OF TAMPA
MOBILITY DEPARTMENT

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CONTRACT PLANS

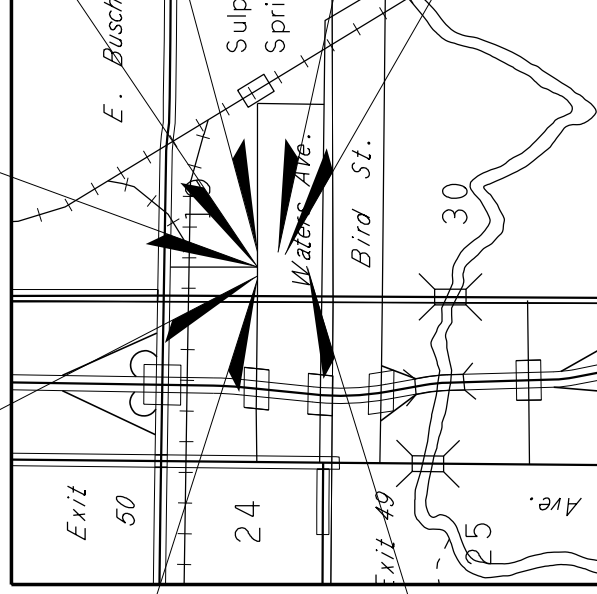
FINANCIAL PROJECT ID 443582-1-58-01
(FEDERAL FUNDS)

SULPHUR SPRINGS K-8 VARIOUS LOCATIONS
SAFE ROUTES TO SCHOOL

END PROJECT
STA. 23+56.00
☉ CONST. N 12TH ST.

END CONSTRUCTION
STA. 32+04.50
☉ CONST. E YUKON ST.

R-18-F
R-19-F



BEGIN CONSTRUCTION
STA. 31+47.50
☉ CONST. E YUKON ST.

BEGIN PROJECT
STA. 13+47.25
☉ CONST. N 12TH ST.

BEGIN CONST
STA. 50+50.00
☉ CONST. E Y

END CONSTRU
STA. 52+45.44
☉ CONST. E Y

END CONST
STA. 72+64.
☉ CONST. N

BEGIN CONS
STA. 71+50
☉ CONST. N

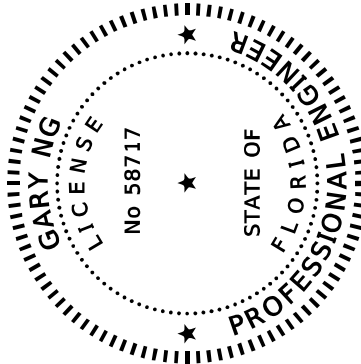
THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

Gary Ng

2022.06.17 17:44:49
-04'00'

ON THE DATE ADJACENT TO THE SEAL
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FLORIDA TRANSPORTATION ENGINEERING, INC
11458 N. 53RD STREET
TAMPA, FLORIDA 33617
GARY NG, P.E. 58717



THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

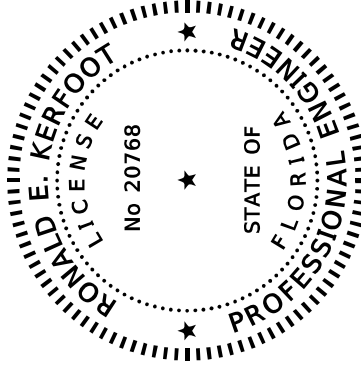
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20-21	INTERSECTION GRADING DETAIL
24-26	CROSS SECTION
27	DRIVEWAY SECTION
28-34	EROSION CONTROL PLAN
35-38	TEMPORARY TRAFFIC CONTROL PLAN
39-45	UTILITY ADJUSTMENTS

THIS ITEM HAS BEEN DIGITALLY
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Ronald E Kerfoot
2022.06.17 17:36:54
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AIM ENGINEERING & SURVEYING, INC.
3802 CORPOREX PARK DR
TAMPA, FLORIDA 33619
RONALD E. KERFOOT, P.E. 20768



THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
4	SUMMARY OF PAY ITEMS
10	SUMMARY OF DRAINAGE STRUCTURES
22-23	PROPOSED DRAINAGE STRUCTURES

SUMMARY OF PAY ITEMS - ROADWAY

PAY ITEM NO.	DESCRIPTION	UNIT	11TH SETREET						N 12TH STREET						E YUKON STREET		QUANT
			P		NP		P		NP		P		NP		P	NP	
101-1	MOBILIZATION	LS															
102-1	MAINTENANCE OF TRAFFIC	LS															
102-4	PEDESTRAIN SPECIAL DETOUR	LS/SY	1/6					4/22						2/11			
102-60	WORK ZONE SIGN	ED	60					5204						1140			
102-74-1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED						3400						1700			
102-74-8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD						12960						3240			
102-99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED						320									
102-115	TYPE III BARRICADE	ED						640									
102-913-23	REMOVABLE TAPE, WHITE, 24" CROSSWALK OR STOP BAR	LF	60					248						100			
102-913-24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	40					176						80			
104-10-3	SEDIMENT BARRIER	LF						187						89			
104-18	INLET PROTECTION SYSTEM	EA						9						2			
110-1-1	CLEARING & GRUBBING	AC						0.15						0.073			
110-4-10	REMOVAL OF EXISTING CONCRETE	SY						394.3						44.86			
120-1	REGULAR EXCAVATION	CY						24.7						12.8			
120-6	EMBANKMENT	CY						68.7						5.8			
285-715	OPTIONAL BASE, BASE GROUP 15 (TYPE B-12.5)	SY						300									
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY						1095.2						50.6			
331-2-1	SUPERPAVE ASPHALTIC CONCRETE TYPE S-1	TN						32.09									
331-2-3	SUPERPAVE ASPHALTIC CONCRETE TYPE S-3	TN						70.0						3.48			
400-0-11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY															
400-0-13	CONCRETE CLASS NS, STEPS	CY															
425-5-1	MANHOLE, ADJUST	EA						5									
515-1-2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF															
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF						170.5									
520-2-4	TYPE D CONCRETE CURB	LF						97						56			
520-1-22	MIAMI CURB	LF						389						46			
522-1	CONCRETE SIDEWALK 4" TK	SY						87									
522-2	CONCRETE SIDEWALK 6" TK	SY						260.04						160.71			
527-2	DETECTABLE WARNING DEVICES	SF						207						87			
570-1-2	PERFORMANCE TURF, 50D	SY						336						283			

PAY ITEM NOTE:

520-1-10 COST OF ASPHALT BASE CURB PAD AND ADDITIONAL CURB THICKNESS IS INCLUDED IN THE COST OF CURB AND GUTTER.

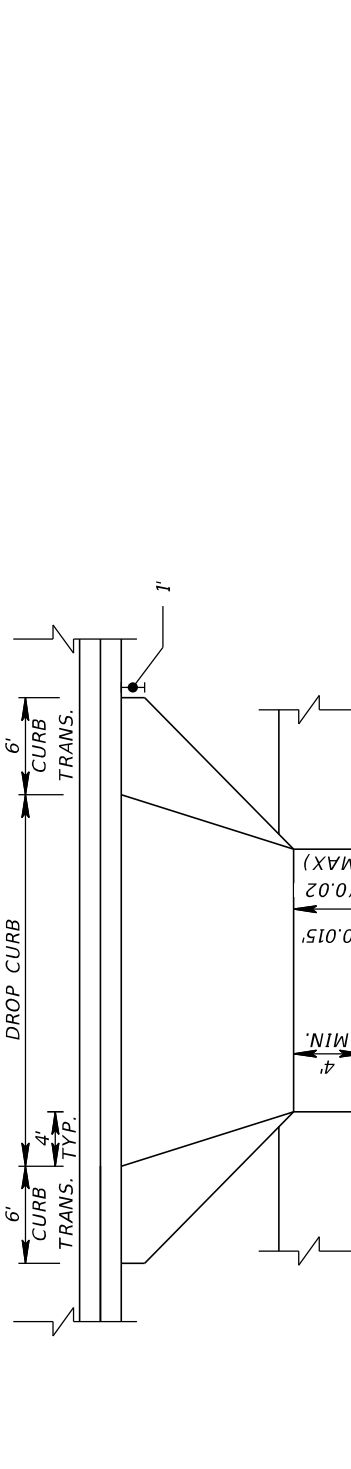
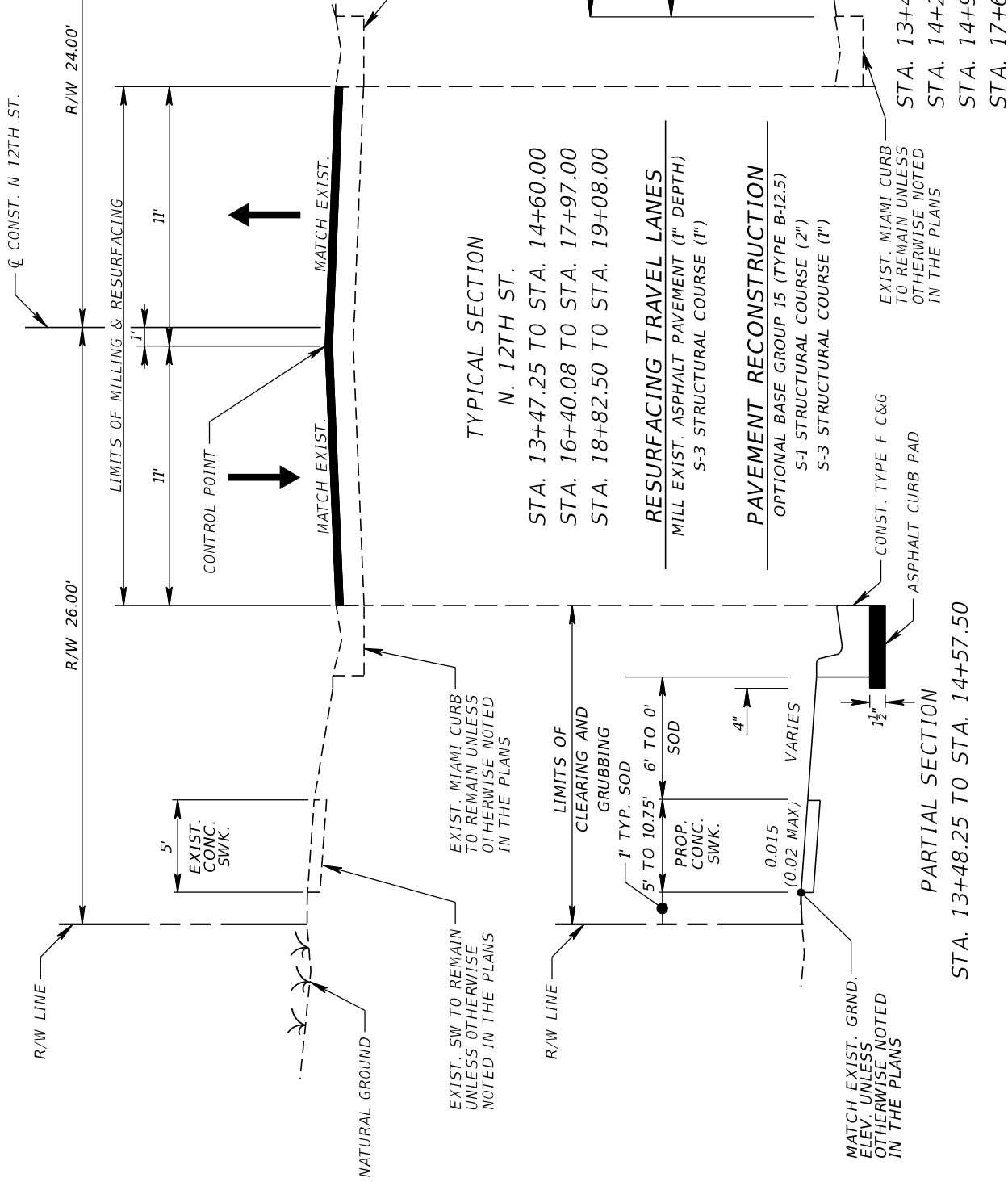
P = PARTICIPATING

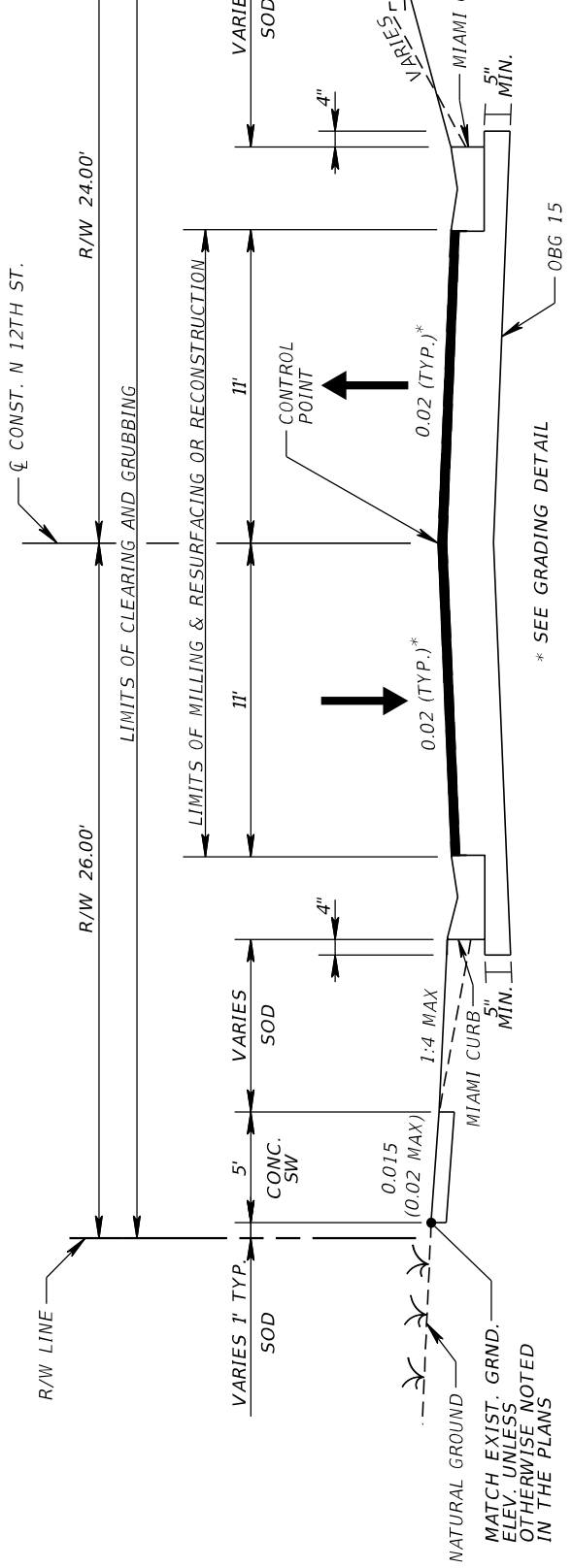
SUMMARY OF PAY ITEMS - DRAINAGE

PAY ITEM NO.	DESCRIPTION	UNIT	N 12TH STREET		N 13TH	QUAN	
			PARTICIPATING	NON PARTICIPATING			PARTICIPATING
430-175-115	PIPE CULVERT, CLASS III RCP, ROUND, 15" S/CD	LF	24				
430-175-118	PIPE CULVERT, CLASS III RCP, ROUND, 18" S/CD	LF	61			8	
430-175-215	PIPE CULVERT, CLASS III RCP, OTHER-ELIP/ARCH, 15" S/CD	LF	46				
430-963-1	PVC PIPE FOR BACK OF SIDEWALK, 4", WITH MITERED END & CONCRETE	LF				26	
425-1-021	INLETS, CURB, CITY OF TAMPA TYPE 2, <10'	EA	3				
425-1-031	INLETS, CURB, CITY OF TAMPA TYPE BS-1, <10'	EA	1				
425-1-041	INLETS, DT BOT, CITY OF TAMPA, TYPE E, <10'	EA				1	

SUMMARY OF PAY ITEMS - SIGNING AND PAVEMENT MARKING

PAY ITEM NO.	DESCRIPTION	UNIT	N 12TH STREET		N 13TH STREET		QUAN
			PARTICIPATING	NON PARTICIPATING	PARTICIPATING	NON PARTICIPATING	
			700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	11	
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1				
700-1-50	SINGLE POST SIGN, RELOCATE	AS	2			1	
700-1-60	SINGLE POST SIGN, REMOVE	AS	5			1	
700-3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	2				
700-13-15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	11			2	
706-1-3	RAISED PAVEMENT MARKER, TYPE B (YELLOW/YELLOW)	EA	16				
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	403			162	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	76			23	
711-11-130	THERMOPLASTIC, STANDARD, WHITE, VERTICAL DEFLECTION MARKING	EA	3				
711-11-140	THERMOPLASTIC, STANDARD, WHITE, VERTICAL DEFLECTION ADVANCE WARNING MARKING	EA	3				
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1				
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	440			165	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.085				

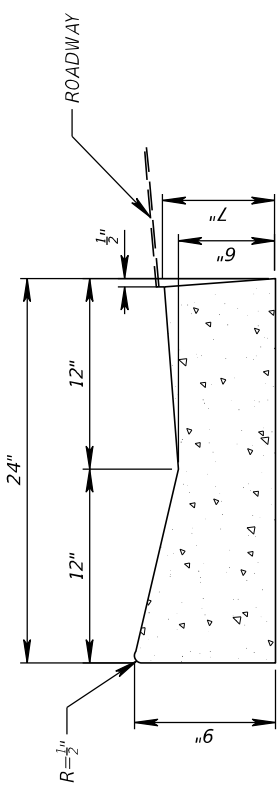




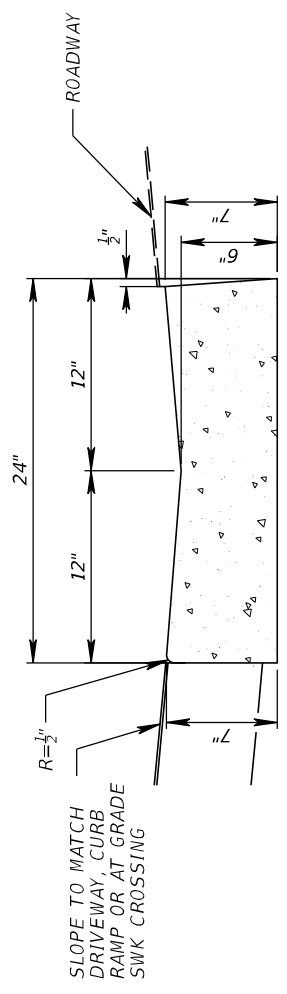
TYPICAL SECTION
 N. 12TH ST.
 STA. 17+97.00 TO STA. 18+82.50

PAVEMENT RECONSTRUCTION
 OPTIONAL BASE GROUP 15 (TYPE B-12.5)
 S-1 STRUCTURAL COURSE (2")
 S-3 STRUCTURAL COURSE (1")

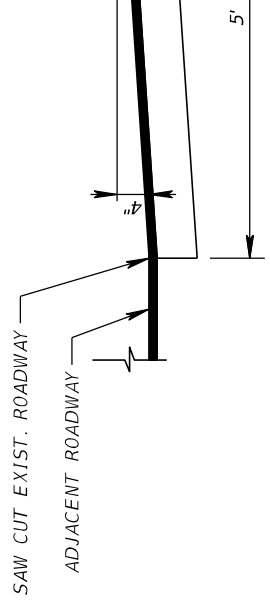
RESURFACING SIDE STREET RETURNS
 MILL EXIST. ASPHALT PAVEMENT (1" DEPTH)
 S-3 STRUCTURAL COURSE (1")

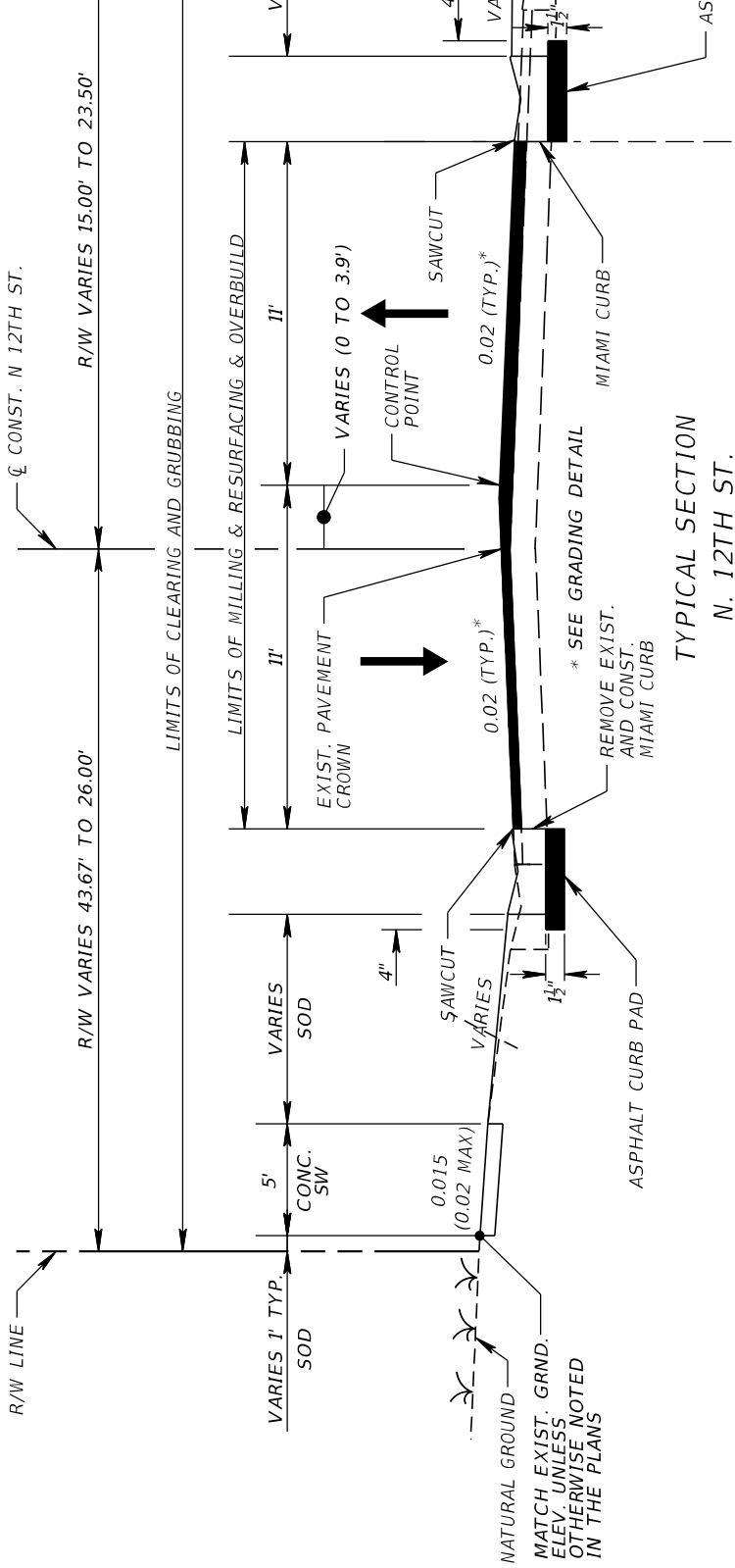


MIAMI CURB SECTION VIEW

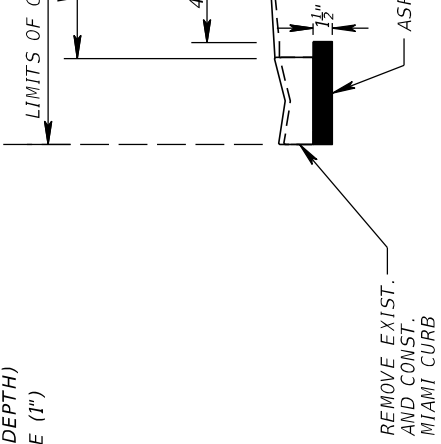


MIAMI DROP CURB SECTION VIEW



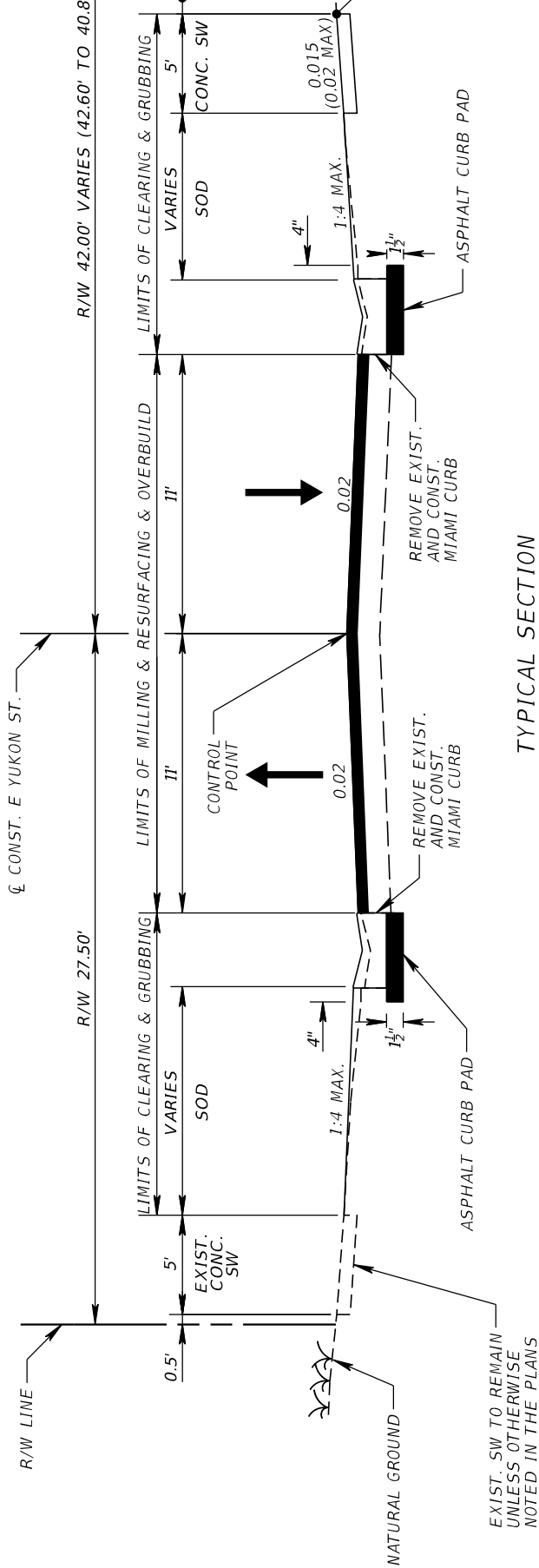


RESURFACING AND OVERBUILD TRAVEL LANES
 MILL EXIST. ASPHALT PAVEMENT (1") DEPTH
 S-1 OVERBUILD (VARIABLE DEPTH)
 S-3 STRUCTURAL COURSE (1")



OVERBUILD DETAILS

STATION	LOCATION	EXIST. SLOPE (%)	PROPOSED SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
22+60	NORTHBOUND	(-) 1.5	EXIST.	0.0	0.0	0.0
23+00	NORTHBOUND	(-) 2.3	(-) 1.7	1.2	16.0	1.2
23+50	NORTHBOUND	(-) 2.3	EXIST.	0.0	0.0	0.0
22+60	SOUTHBOUND	(-) 2.9	EXIST.	0.0	0.0	0.0
23+00	SOUTHBOUND	(-) 1.0	(-) 1.8	2.4	1.1	0.2
23+50	SOUTHBOUND	(-) 1.4	EXIST.	0.0	0.0	0.0



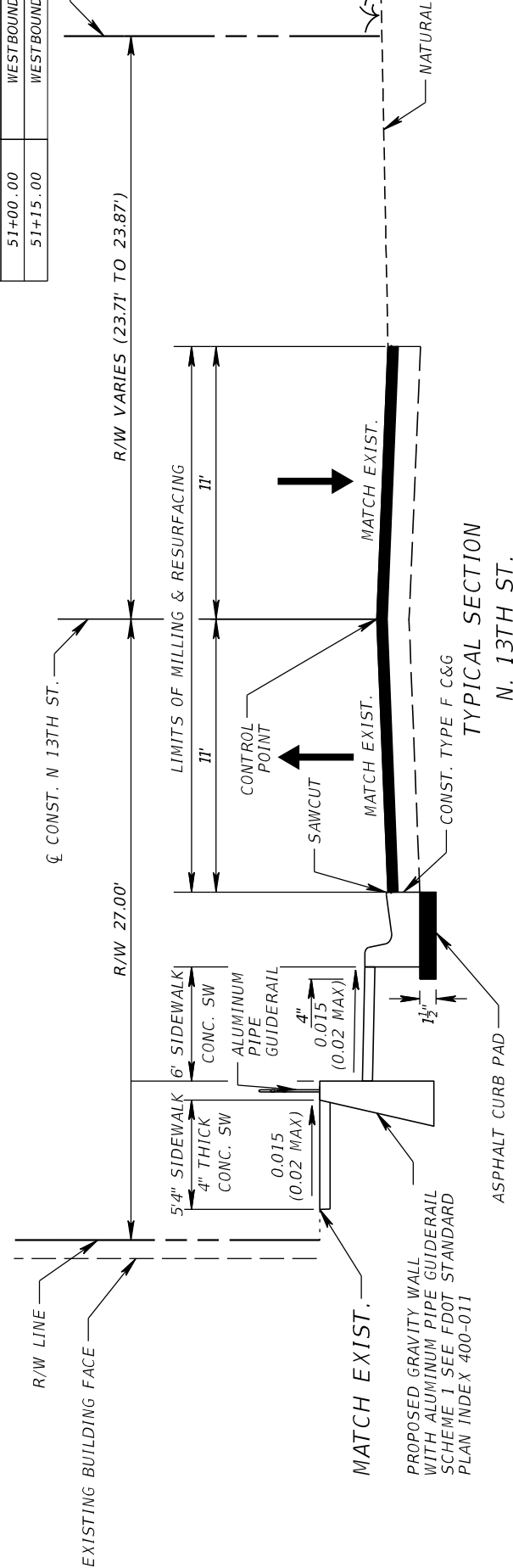
TYPICAL SECTION
E. YUKON ST.

STA. 50+50.00 TO STA. 52+45.42

LOCATION	
STATION	LANE
50+67.26	EASTBOUND
51+00.00	EASTBOUND
51+15.00	EASTBOUND
50+67.22	WESTBOUND
51+00.00	WESTBOUND
51+15.00	WESTBOUND

RESURFACING AND OVERBUILD TRAVEL LANES

MILL EXIST. ASPHALT PAVEMENT (1") DEPTH
S-1 OVERBUILD (VARIABLE DEPTH)
S-3 STRUCTURAL COURSE (1")



TYPICAL SECTION
N. 13TH ST.

STA. 71+50.50 TO STA. 72+64.00

ROADWAY GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. PROJECT IS BASED ON THE STATE PLANE COORDINATE SYSTEM, FLORIDA WEST ZONE, NAD 1983/2011 HORIZONTAL DATUM.
3. SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

BEN R. HOMOLA, P.S.M.
P.S.M. NO: 3950
AIM ENGINEERING AND SURVEYING INC.
3802 CORPOREX PARK DR, TAMPA, FL 33619

4. A BOUNDARY SURVEY WAS OBTAINED FROM THE CITY OF TAMPA MOBILITY DEPARTMENT SURVEY SECTION FOR THE PROJECT AREA WHICH LIES IN THE FOLLOWING SUBDIVISIONS:
 - SULPHUR SPRINGS ADDITION, P.B. 6 PG. 5
 - CORRECTED MAP OF SPRINGHILL ADDITION, P.B. 26, PG. 15
 - ORANGE TERRACE, P.B. 10, PG. 11
 - SULPHUR HILL, P.B. 8, PG. 27

FOR A COPY OF THE BOUNDARY SURVEY DRAWING FILE "SULPHUR SPRINGS SAFE ROUTES RW SW. DWG" PLEASE CONTACT THE CITY OF TAMPA MOBILITY DEPARTMENT SURVEY SECTION,
3808 EAST 26TH AVENUE, TAMPA, FLORIDA. (813) 635-3430. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

CLEARANCE WADE, III, P.S.M.
P.S.M. NO: 4383
CITY OF TAMPA MOBILITY DEPARTMENT SURVEY SECTION
3808 E 26TH AVE, TAMPA, FL, 33605

5. CURB RAMPS OPENINGS ARE 5 FEET IN WIDTH. DETECTABLE WARNINGS TO BE COLOR RED.

BENCHMARKS

502	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 13+89.22 / 21.93 (LT.) & CONST. N 12TH ST. Y: 1342608.906 X: 511839.335 EL. 35.05'	503	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 18+42.49 / 19.34' (LT.) & CONST. N 12TH ST. Y: 1343062.183 X: 511844.063 EL. 32.78'	504	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 21+79.01 / 21.09' (LT.) & CONST. N 12TH ST. Y: 1343405.904 X: 511852.837 EL. 36.00'	505	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 50+68.01 / 21.19' (RT.) & CONST. E Y: 1343480.010 X: 511966.207 EL. 35.76'
506	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 52+91.33 / 21.64' (LT.) & CONST. E YUKON ST. Y: 1343523.590 X: 512189.381 EL. 35.24'	507	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 71+73.90 / 13.16' (LT.) & CONST. N 13TH ST. Y: 1342820.361 X: 512154.311 EL. 35.27'	509	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL 24+02.15 / 20.67' (LT.) & CONST. N 12TH ST. Y: 1343594.301 X: 511933.795 EL. 35.88'	510	SMND CITY OF TAMPA T. & S.S. SURVEY CONTROL STA. 31+57.42 / 66.3' (RT.) & CONST. Y: 1343630.246 X: 511485.736 EL. 34.07'

END CONSTRUCTION
 STA. 32+04.50
 ♁ CONST. E. YUKON ST.

BEGIN CONSTRUCTION
 STA. 31+47.50
 ♁ CONST. E. YUKON ST.

END PROJECT
 STA. 23+56.00
 ♁ CONST. N. 12TH ST.

STA. 23+08.39, ♁ N. 12TH ST =
 STA. 50+50.00, ♁ E. YUKON ST
 PC STA. 22+62.86
 NORTHING: 1343462.3145
 EASTING: 511924.9487
 PT STA. 22+08.36
 NORTHING: 1343422.1969
 EASTING: 511888.0695

POT STA. 30+00.00
 NORTHING: 1343618.3471
 EASTING: 511328.2477

S 89° 40' 06" E
 E YUKON ST
 ♁ CONST. E. YUKON ST

POT STA. 33+00.00
 NORTHING: 1343616.6098
 EASTING: 511628.2427

PC STA. 21+45.00
 NORTHING: 1343364.5581
 EASTING: 511865.3841

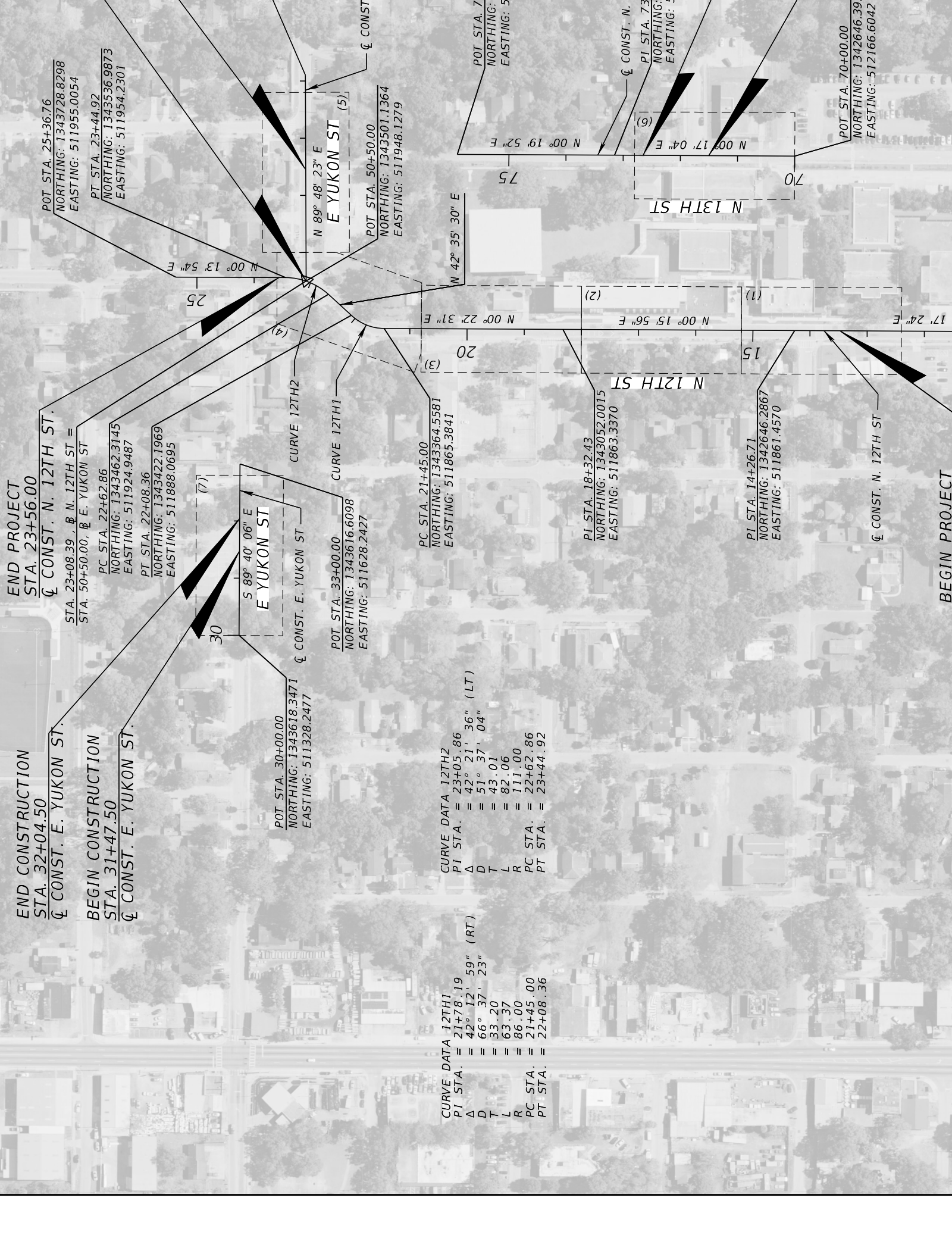
PI STA. 18+32.43
 NORTHING: 1343052.0015
 EASTING: 511863.3370

PI STA. 14+26.71
 NORTHING: 1342646.2867
 EASTING: 511861.4570

POT STA. 70+00.00
 NORTHING: 1342646.39
 EASTING: 512166.6042

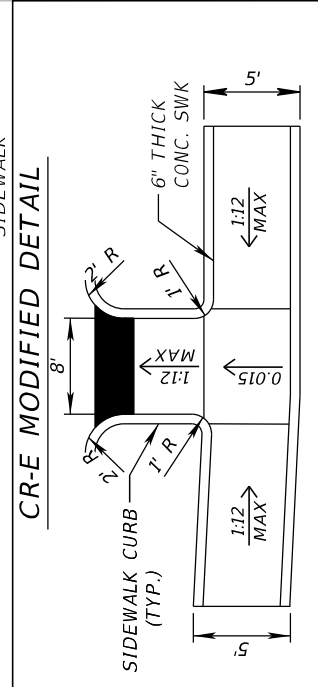
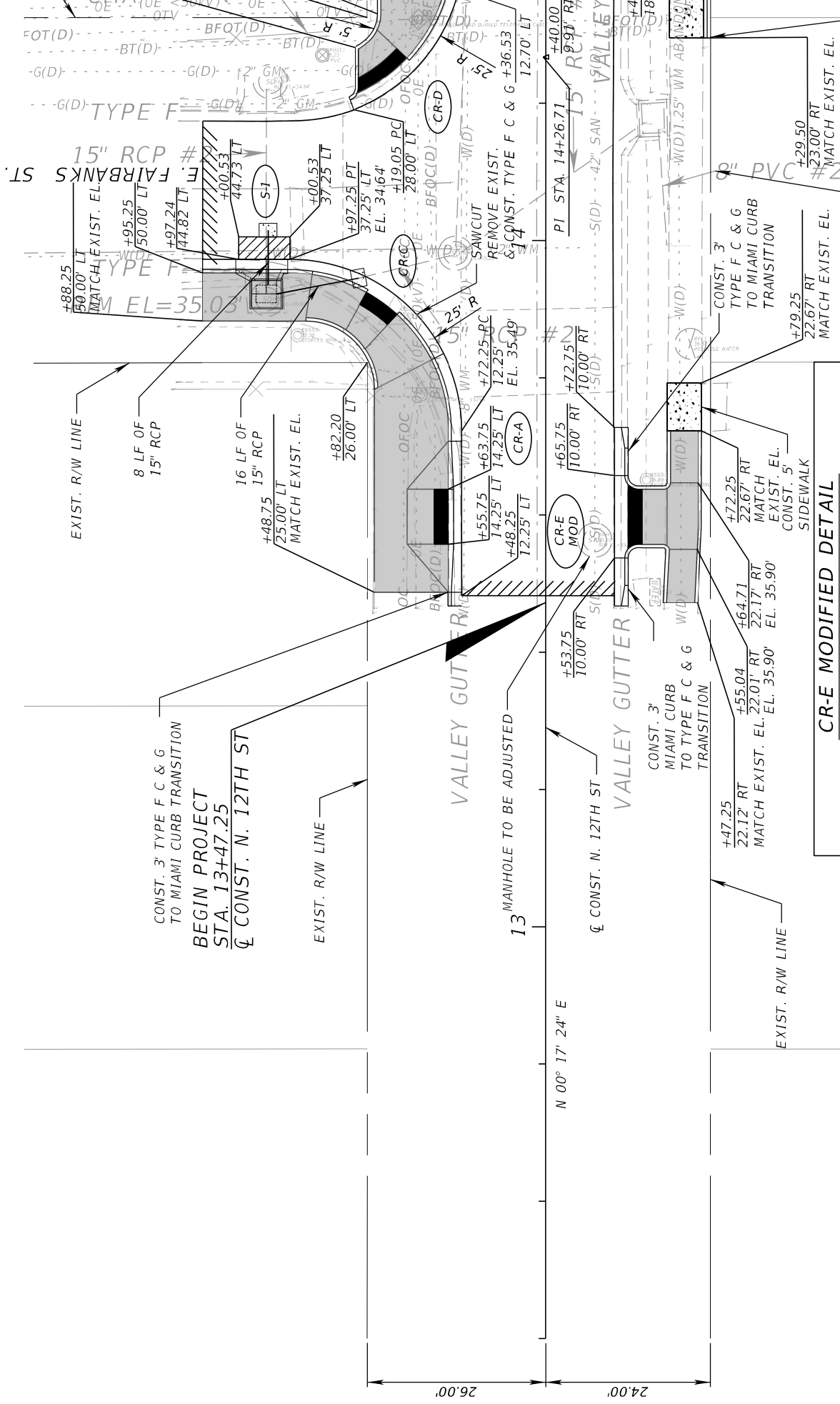
CURVE DATA 12TH1
 PI STA. = 21+78.19
 Δ = 42° 12' 59" (RT)
 D = 66° 37' 23"
 T = 33.20
 L = 63.37
 R = 86.00
 PC STA. = 21+45.00
 PT STA. = 22+08.36

CURVE DATA 12TH2
 PI STA. = 23+05.86
 Δ = 42° 21' 36" (LT)
 D = 51° 37' 04"
 T = 43.01
 L = 82.06
 R = 111.00
 PC STA. = 22+62.86
 PT STA. = 23+44.92






BEGIN PROJECT

N. 12TH ST



EXIST. DRAIN TO REMAIN
 SULLPHUR SPRINGS
 ELEMENTARY SCHOOL

-  REMOVE EXIST. REGRADE & SOD
-  PAVEMENT WIDENING
-  MILLING LIMIT

REMOVE EXIST. REGRADE & SOD

PAVEMENT WIDENING

MILLING LIMIT

CONST. 3' TYPE F C & G
 TO MIAMI CURB TRANSITION
 BEGIN PROJECT
 STA. 13+47.25
 & CONST. N. 12TH ST

MANHOLE TO BE ADJUSTED

CONST. 3' MIAMI CURB
 TO TYPE F C & G
 TRANSITION

CONST. 3' TYPE F C & G
 TO MIAMI CURB
 TRANSITION

CONST. 5' SIDEWALK

EXIST. DRAIN TO REMAIN

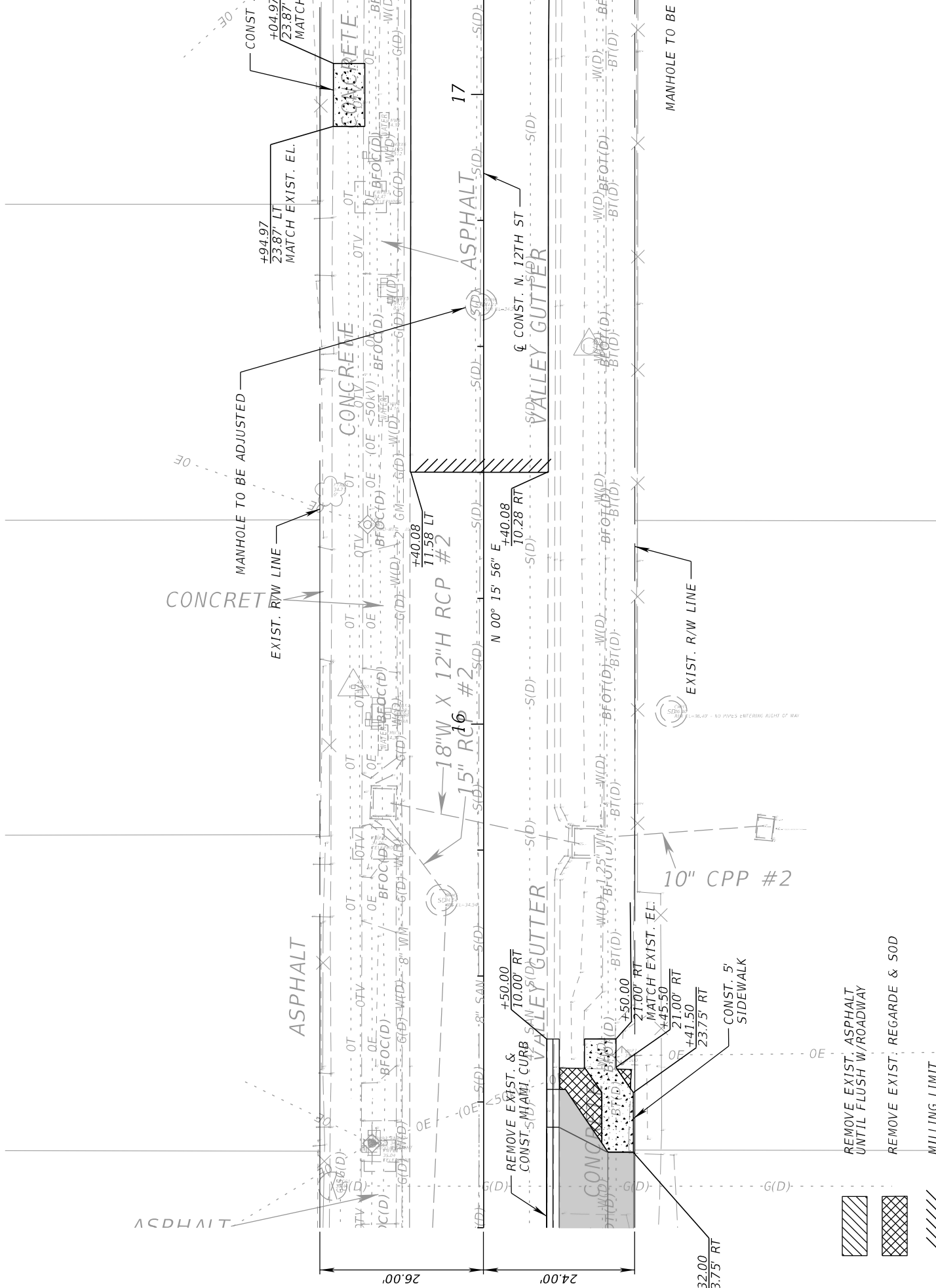
SULLPHUR SPRINGS
 ELEMENTARY SCHOOL

REMOVE EXIST. REGRADE & SOD

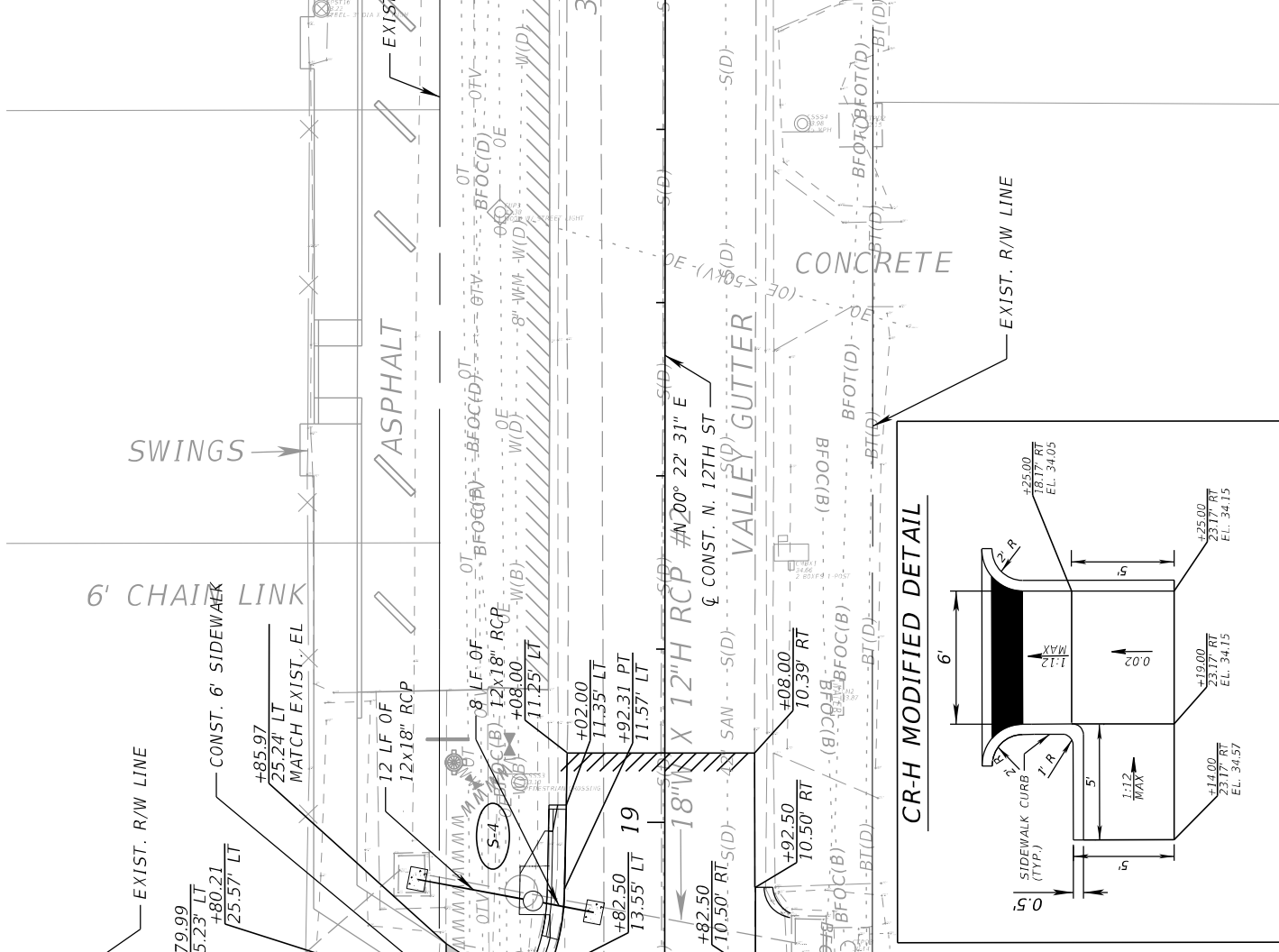
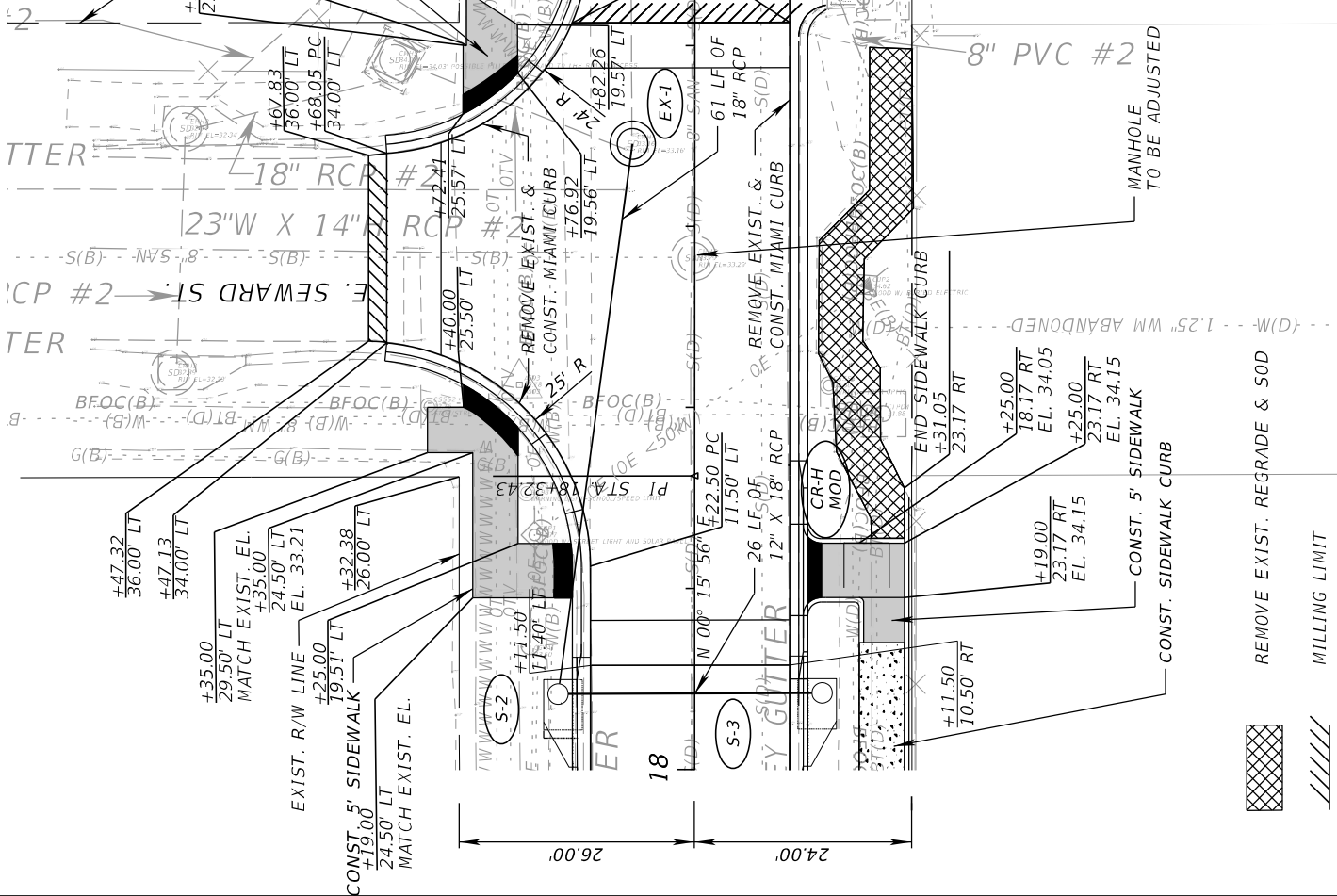
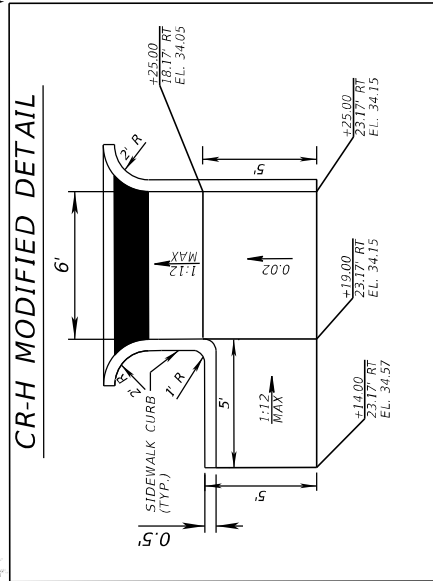
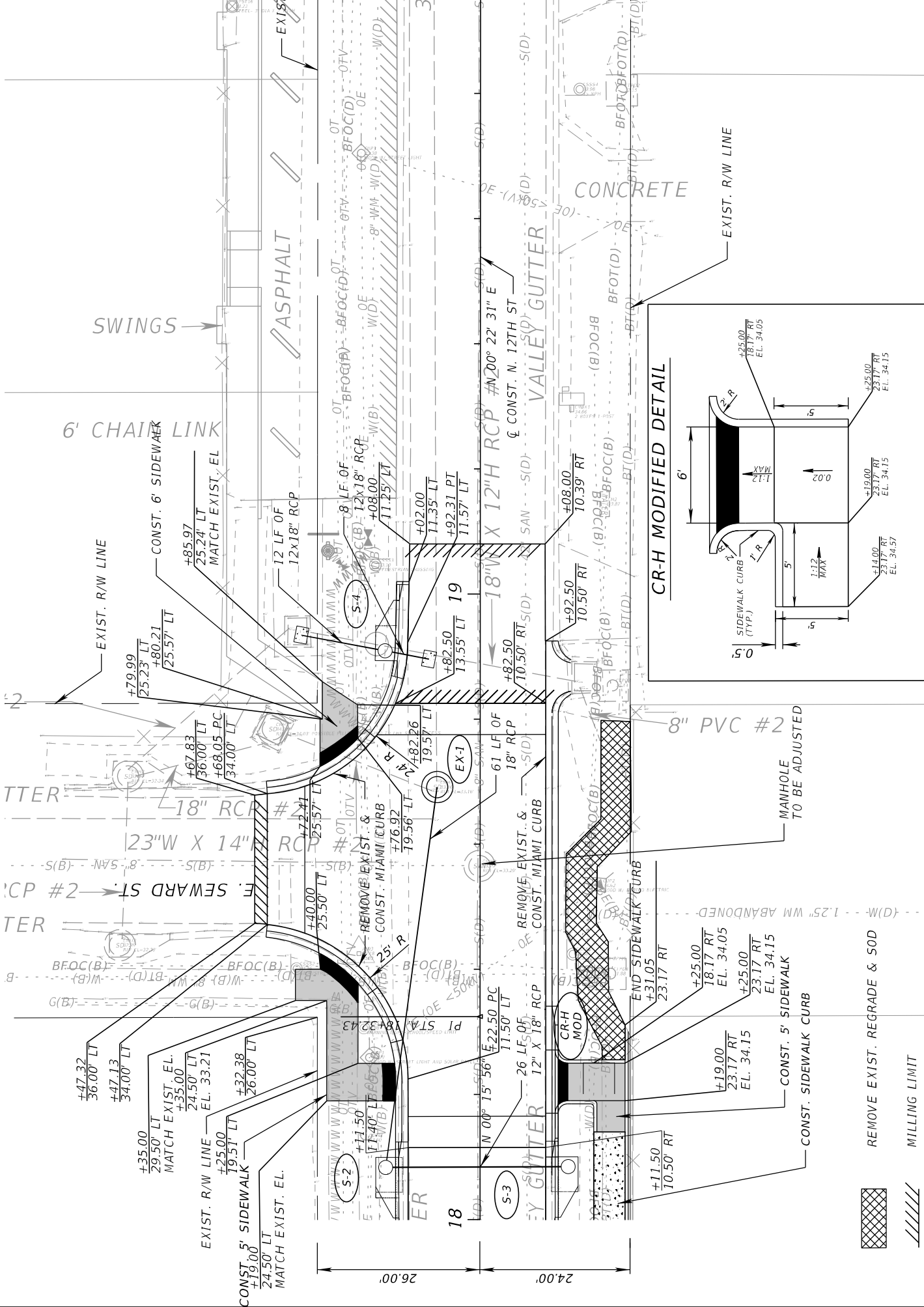
PAVEMENT WIDENING

MILLING LIMIT

N. 12TH ST

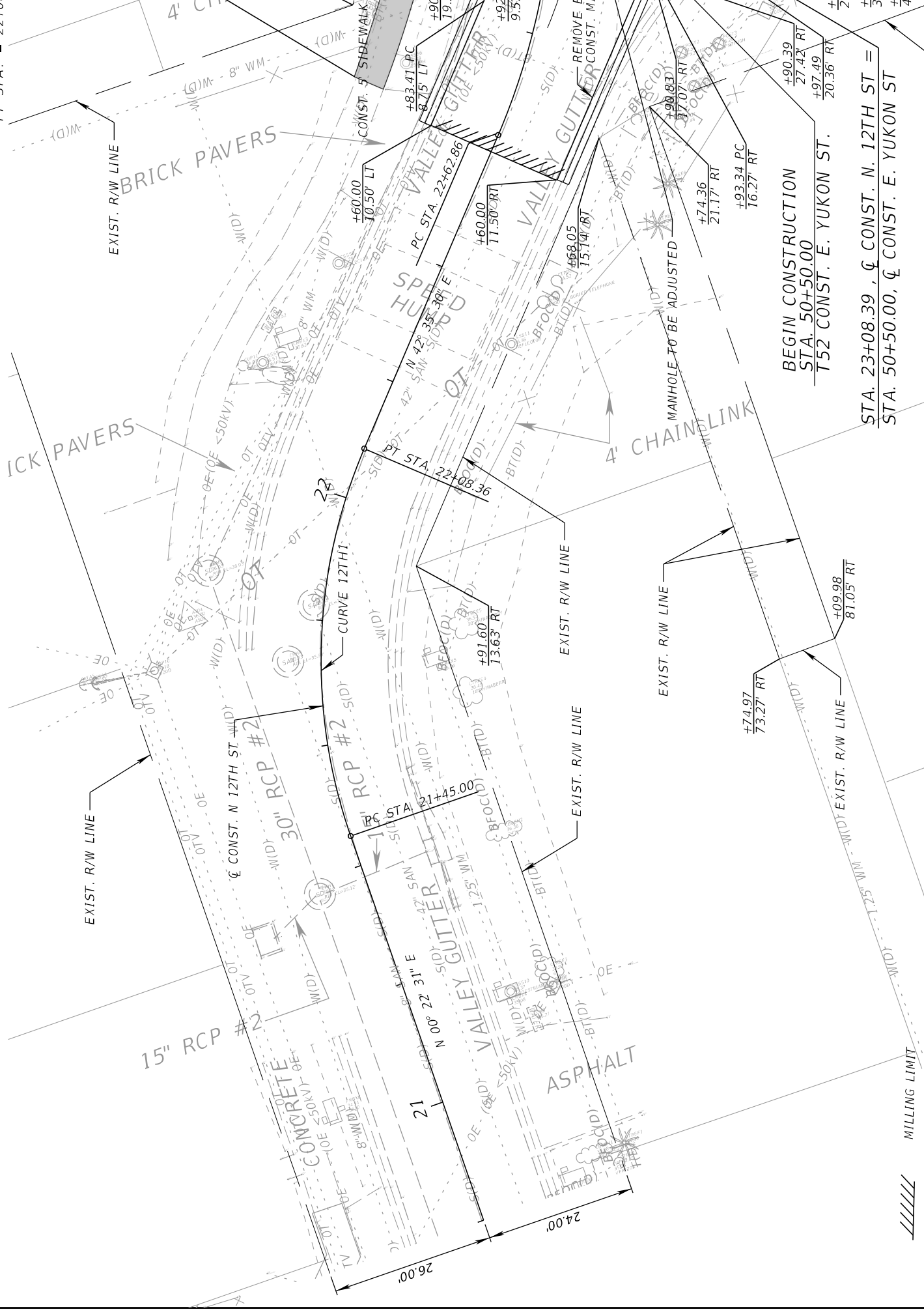


N. 12TH ST



CURVE DATA 12TH ST
 PI STA. = 21+7
 Δ = 42°
 D = 66'
 T = 33.2'
 L = 63.3'
 R = 86.0'
 PC STA. = 21+4
 PT STA. = 22+0

N. 12TH ST



BEGIN CONSTRUCTION
 STA. 50+50.00
 T52 CONST. E. YUKON ST.

STA. 23+08.39 , ζ CONST. N. 12TH ST =
 STA. 50+50.00 , ζ CONST. E. YUKON ST

MILLING LIMIT

N. 13TH ST

NORMA & JOSEPH ROBINS
PARTNERSHIP LIBRARY @
SULPHUR SPRINGS

SUPLHUR SPRINGS
ELEMENTARY SCHOOL

+80.00
20.50' LT

EXIST. R/W LINE

CONST. BACK OF
SIDEWALK CURB

EXIST. DRAIN TO REMAIN

EL. 35.67

+50.50
26.50' LT
MATCH EXIST.
EL. ±35.8'

+55.50
20.50' LT

+55.50
14.49' LT

+57.00
12.50' LT

EL. ± 35.20
14.50' LT

+50.50
10.40' LT

+50.50
12.50' LT

BEGIN CONSTRUCTION
STA. 71+50.50
¢ CONST N 13TH ST.

6" WM BFOC(D) -0E

OTV -0E

OTV -0E

OTV -0E

6" WM BFOC(D) -0E

OTV -0E

OTV -0E

OTV -0E

OTV -0E

OTV -0E

OTV -0E

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OTV -0E

71

¢ CONST. N. 13TH ST

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VISIBLE GUTTER DRAIN

6' CHAIN LINK

6' CHAIN LINK

MANHOLE TO BE ADJUSTED
CONST. MIAMI CURB
TYPE F C&G
TRANSITION

71

¢ CONST. N. 13TH ST

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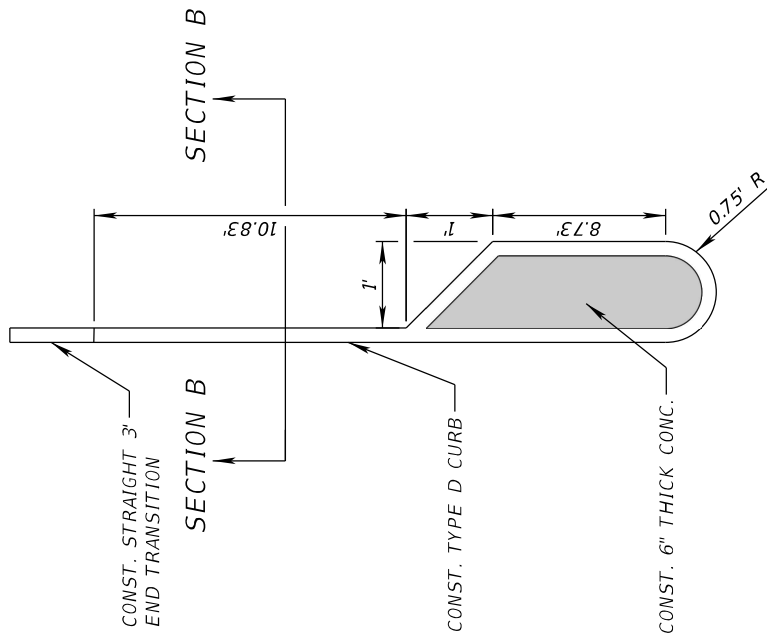
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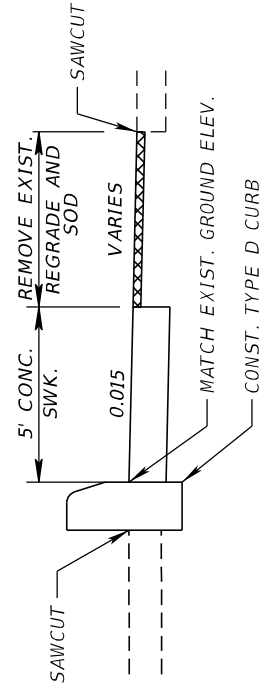
70

E. YUKON ST



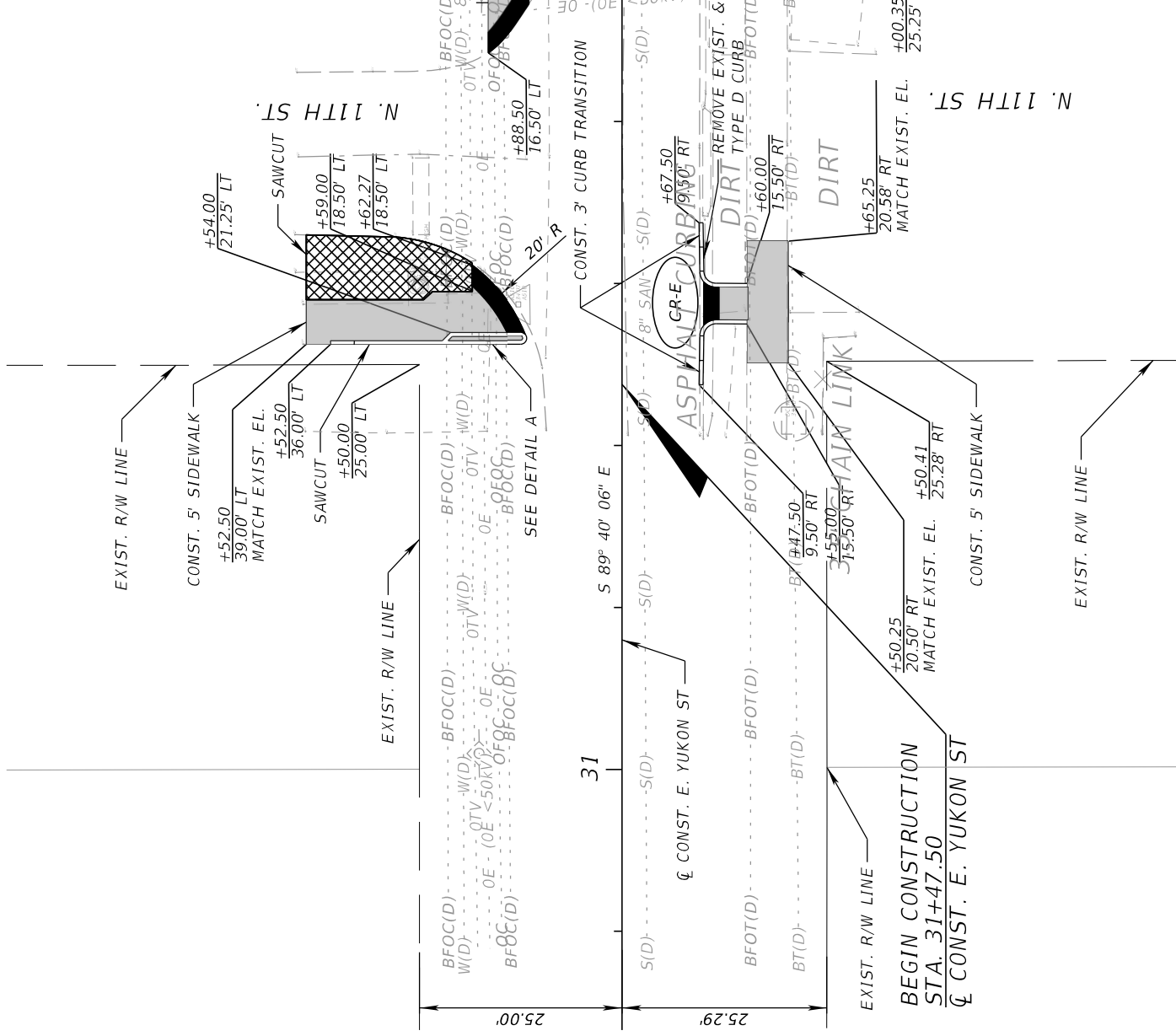
DETAIL A

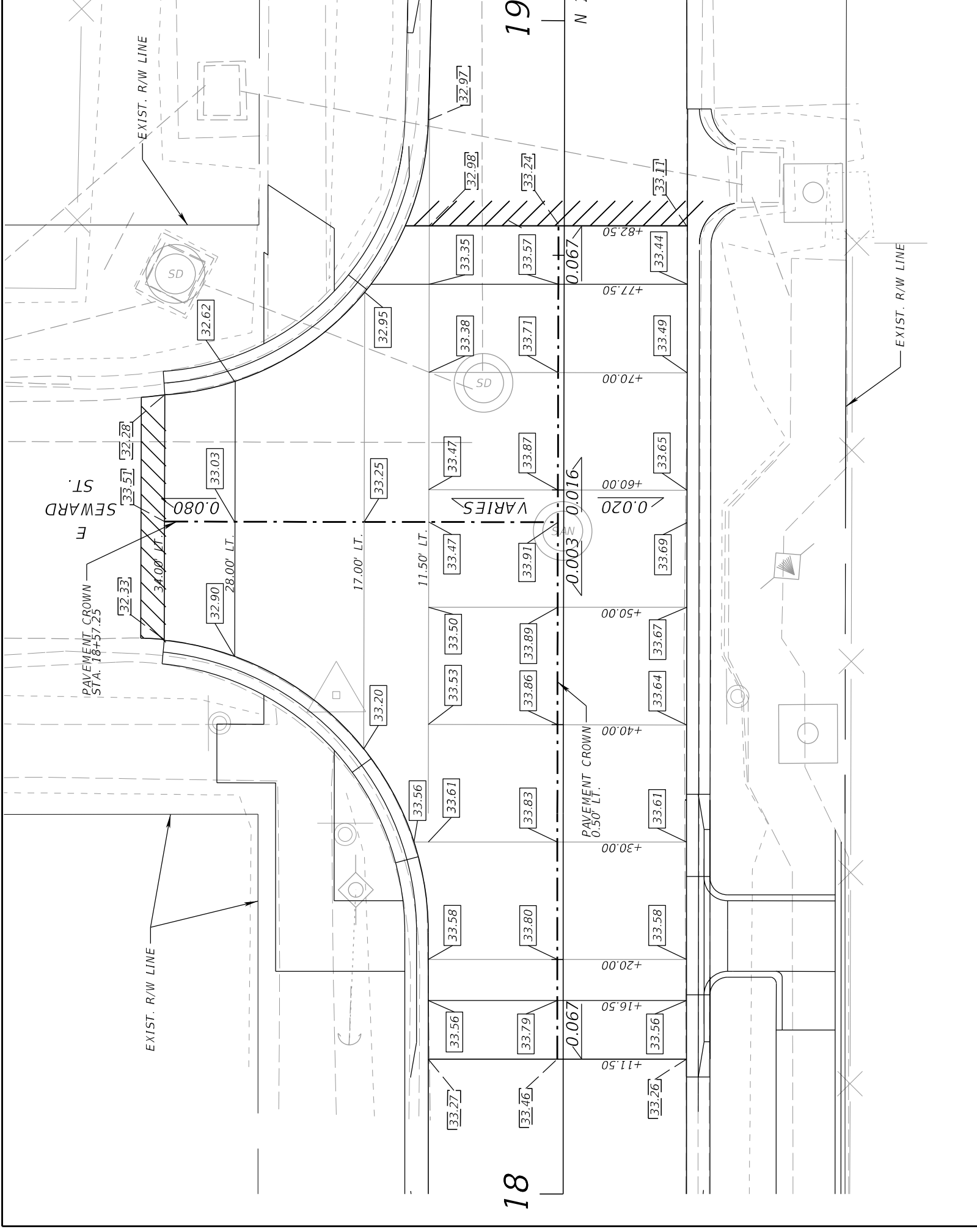
NTS

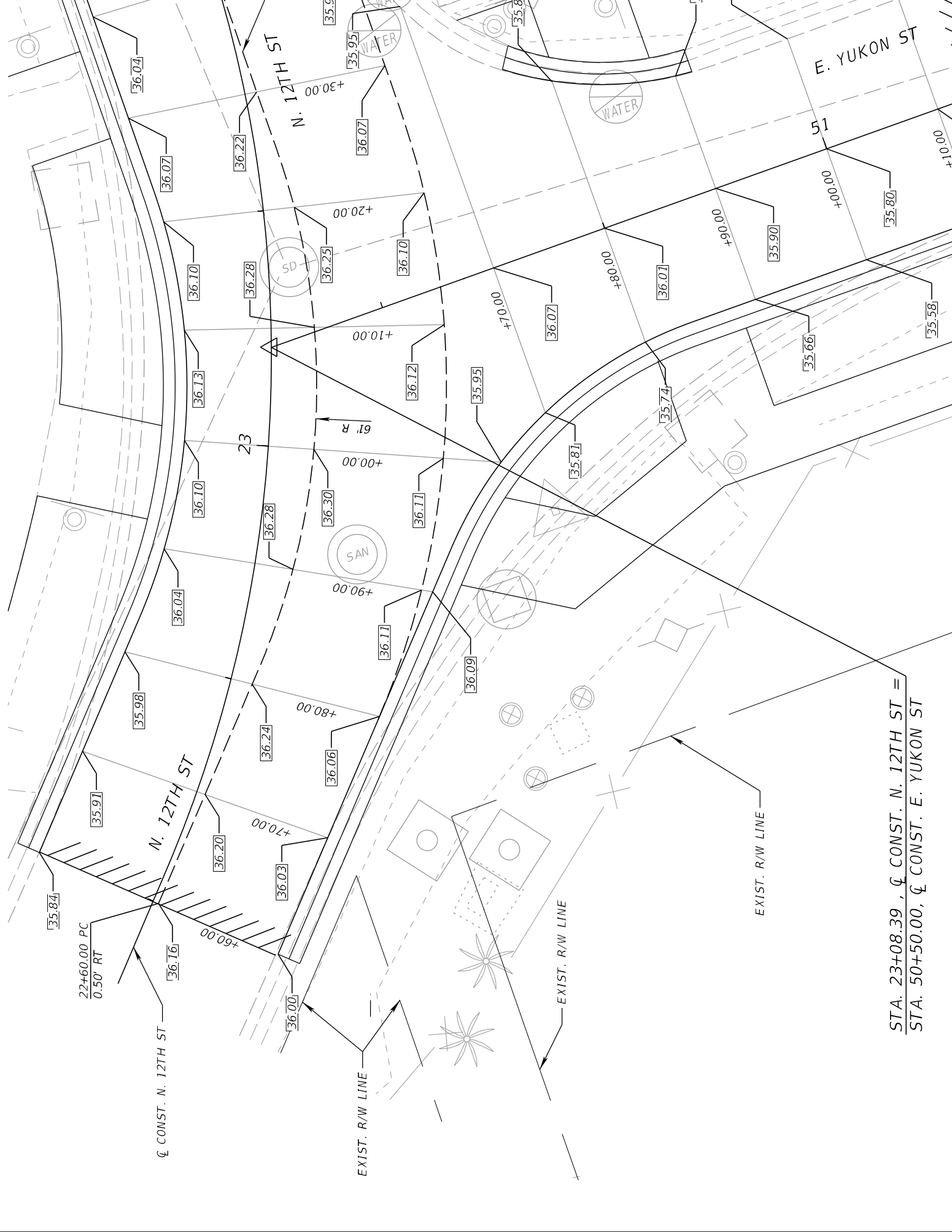


SECTION B - B

NTS







22+60.00 PC
0.50' RT

Q CONST. N. 12TH ST

N. 12TH ST

N. 12TH ST

E. YUKON ST

EXIST. R/W LINE

EXIST. R/W LINE

EXIST. R/W LINE

STA. 23+08.39 , Q CONST. N. 12TH ST =
STA. 50+50.00, Q CONST. E. YUKON ST

SAN

SD

WATER

WATER

61' R

00'01+

00'02+

00'06+

00'08+

00'09+

+70.00

+80.00

+90.00

+10.00

+10.00

+10.00

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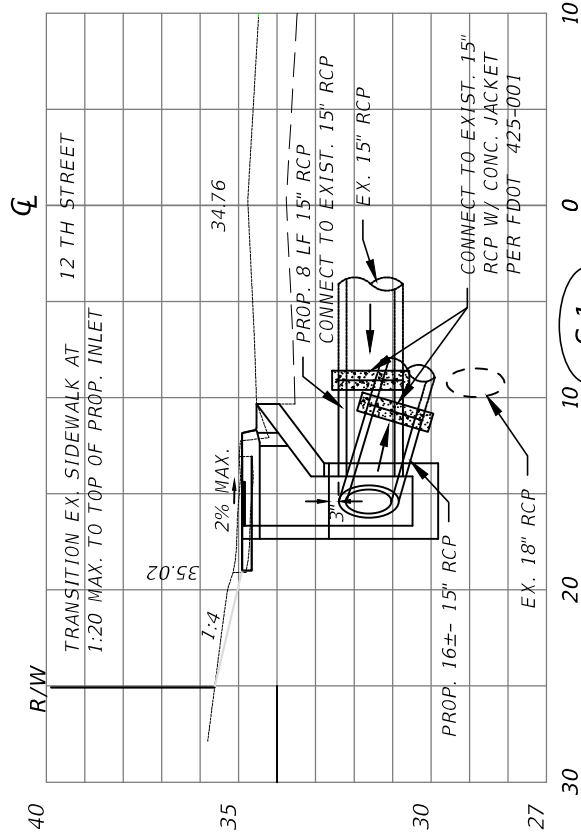
+10.00

+10.00

+10.00

+10.00

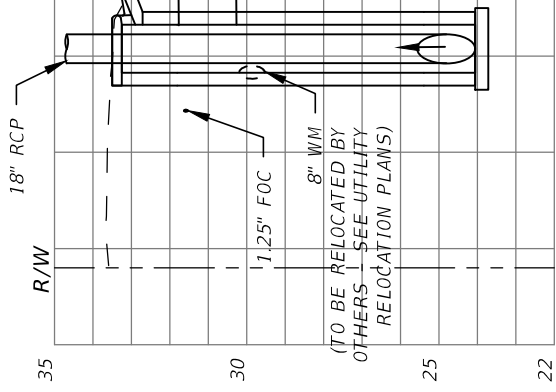
+10.00



S-1

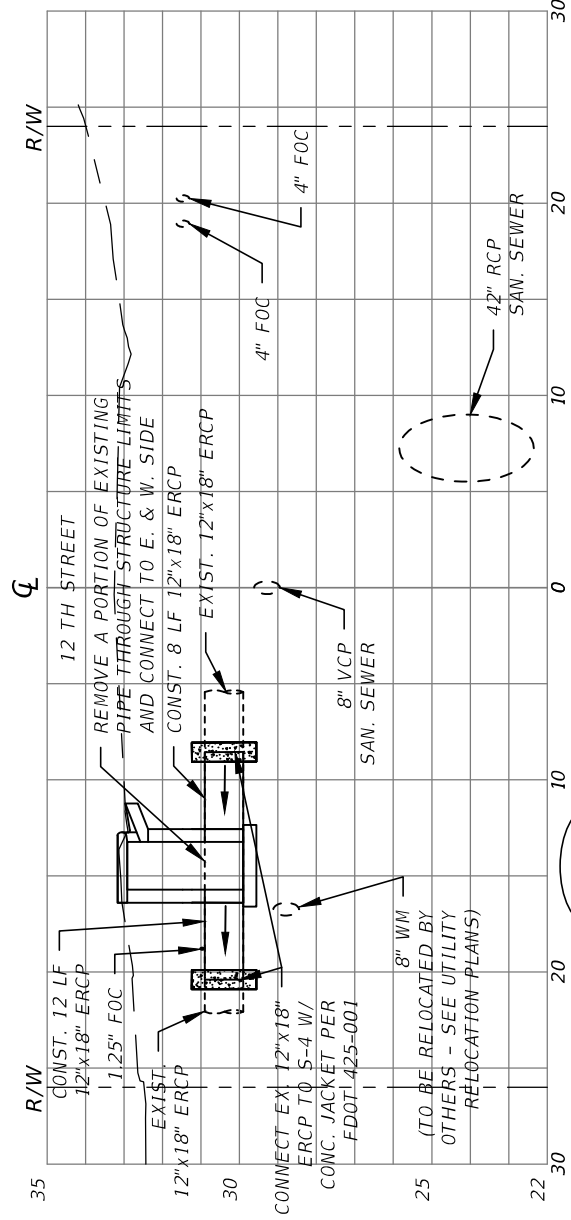
CITY OF TAMPA TYPE BS-1 CURB INLET
 STA 13+92.22, 40.7' LT
 EP 34.54
 (CONNECT TO EXIST.) 15" RCP N FL 31.03
 15" RCP E FL 31.03

SECTION IS PARALLEL TO CENTERLINE OF 12TH ST. ALONG EAST FAIRBANKS ST.

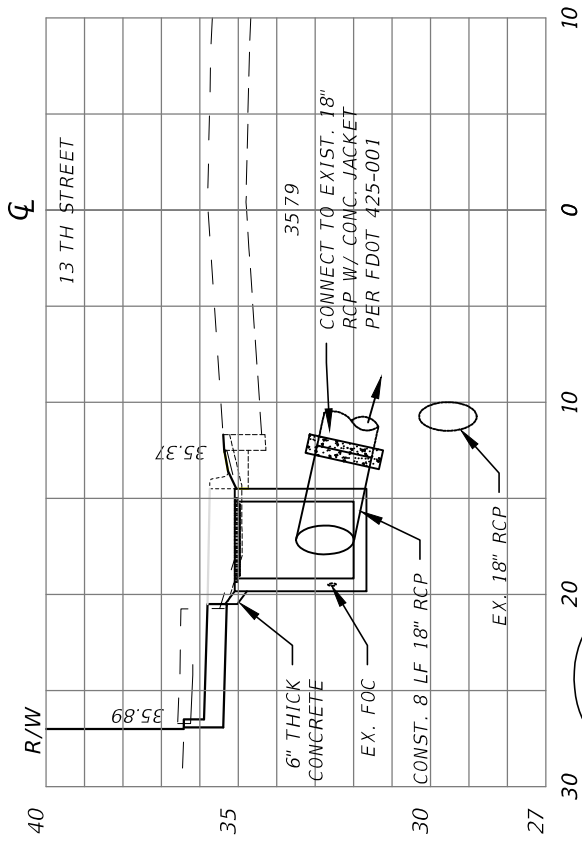


S-2

CONST. CITY TYPE 2 INLET
 STA. 18+07.36, 14.75' LT.
 EP 33.30
 (12"x18") FL 30.27
 (18") FL 24.06

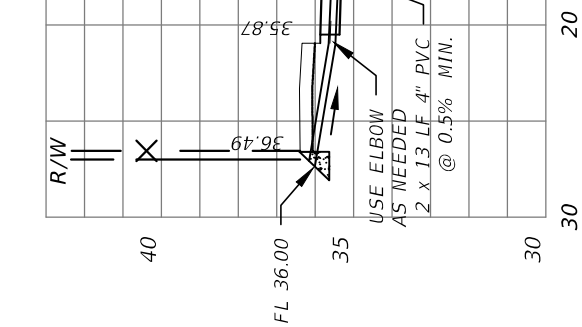


18+91.33



CONST. CITY TYPE E GRATE INLET
 STA. 71+74.92, 17.15' LT.
 GRATE EL 35.20
 18" RCP FL 32.05

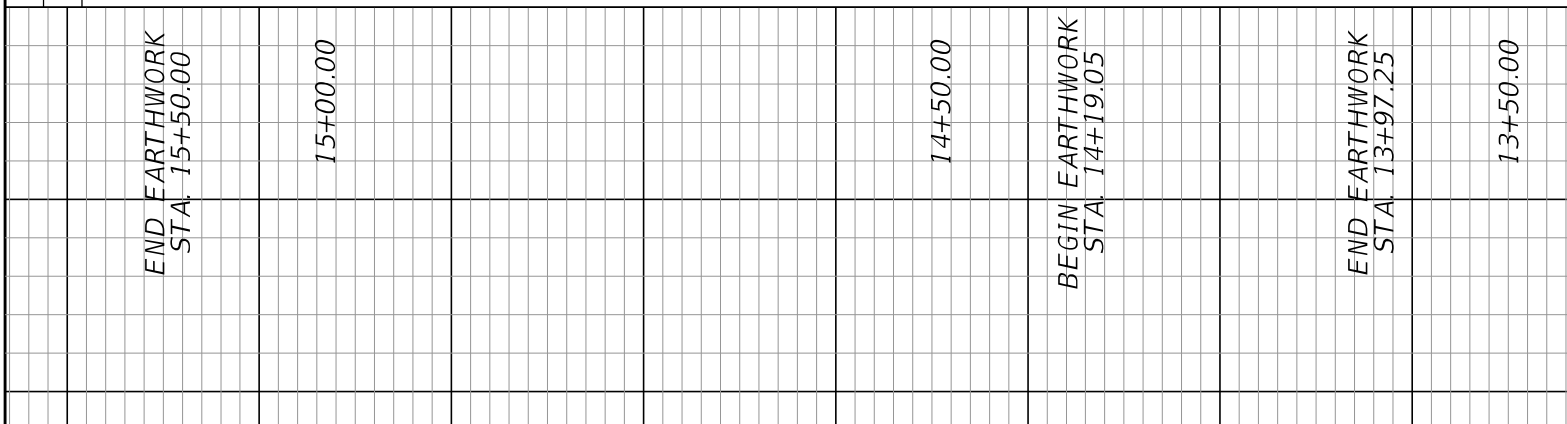
S-5



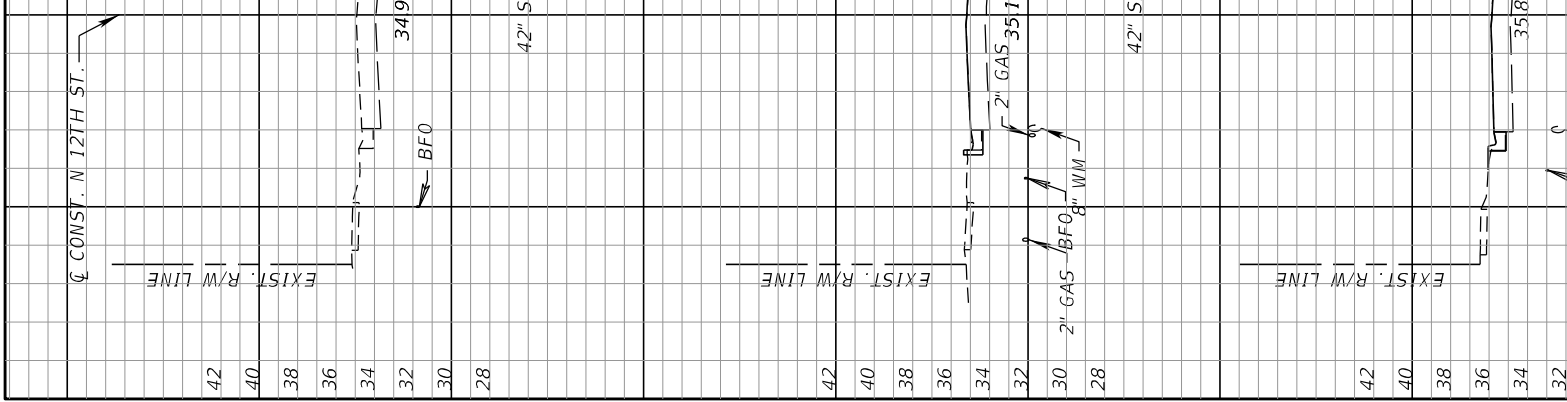
CONST. FDOO
 SHALLOW DITCH
 (2) 4" PVC 1' APART W/
 STA. 72+31.50,
 4" PVC W
 4" PVC E



Station	Regular Exc.		Embankment	
	A	V	A	V
42	0	0	0	0
40	0	0	0	0
38	3	3	0	1
36	2.8	0	1.2	0
34	2.8	0	1.2	0
32	2.8	0	1.2	0
30	2.8	0	1.2	0
28	2.8	0	1.2	0
26	2.8	0	1.2	0

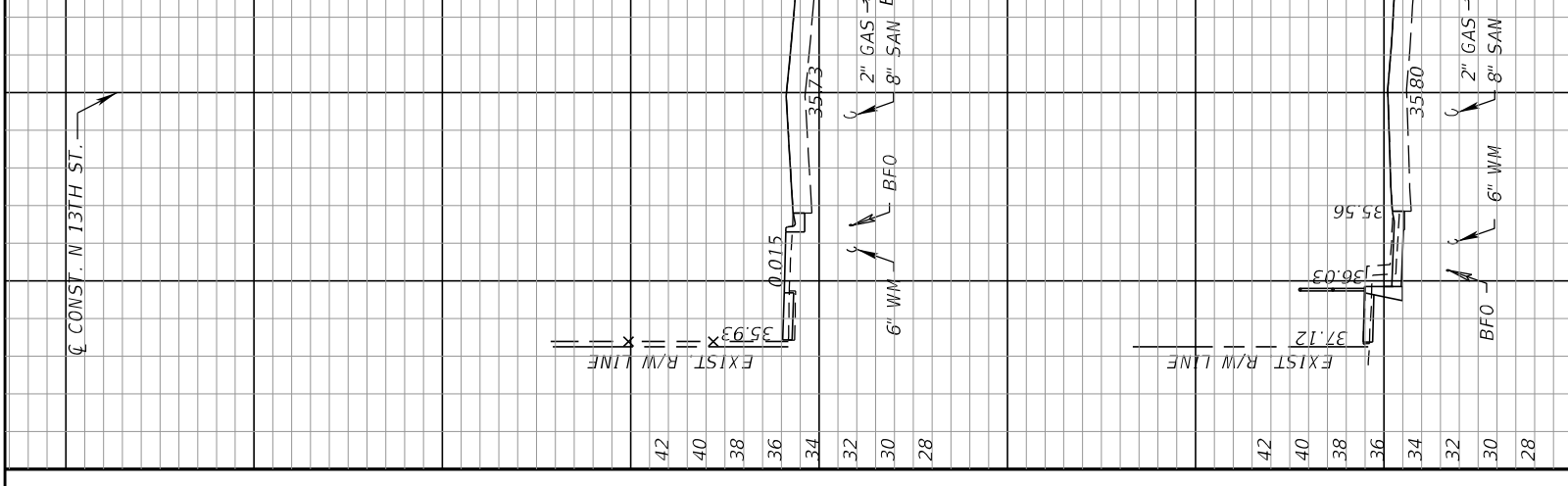


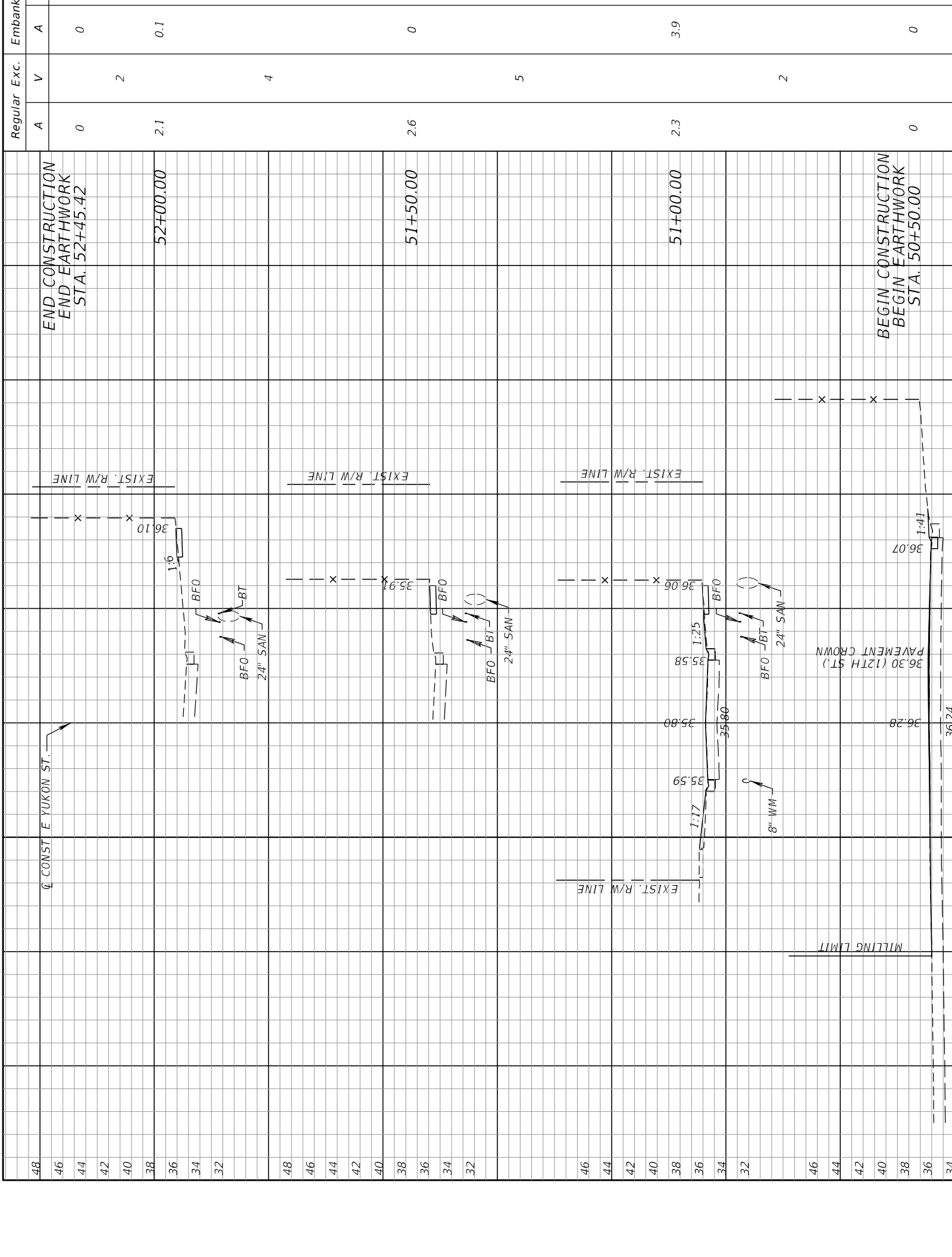
Station	Regular Exc.		Embankment	
	A	V	A	V
42	0	0	0	0
40	0	0	0	0
38	3	3	0	1
36	2.8	0	1.2	0
34	2.8	0	1.2	0
32	2.8	0	1.2	0
30	2.8	0	1.2	0
28	2.8	0	1.2	0



Station	Regular Exc.		Embankment	
	A	V	A	V
42	0	0	0	0
40	0	0	0	0
38	3	3	0	1
36	2.8	0	1.2	0
34	2.8	0	1.2	0
32	2.8	0	1.2	0
30	2.8	0	1.2	0

Station	Regular Exc.		Embankment	
	A	V	A	V
42				
40				
38				
36	0	0	0	0
34	0	0	0	0
32				
30				
28				
END PROJECT END EARTHWORK STA. 23+56.00				
42				
40				
38				
36	1.6	2	17.3	13
34				
32				
30				
28				
BEGIN EARTHWORK				





Station	Regular Exc.		Embank
	A	V	
50+00	0	2	0
51+00	2.6	5	0
52+00	2.1	0.1	0

END CONSTRUCTION
END EARTHWORK
STA. 52+45.42

BEGIN CONSTRUCTION
BEGIN EARTHWORK
STA. 50+50.00

CONST E YUKON ST.

EXIST. R/W LINE

EXIST. R/W LINE

EXIST. R/W LINE

MILLING LIMIT

PAVEMENT CROWN

36.30 (12TH ST.)

8" WM

24" SAN

BFO

BT

24" SAN

BFO

BT

24" SAN

36.07

36.28

36.24

36.10

35.91

35.80

35.58

35.59

35.80

36.06

36.07

1:17

1:25

1:6

1:41

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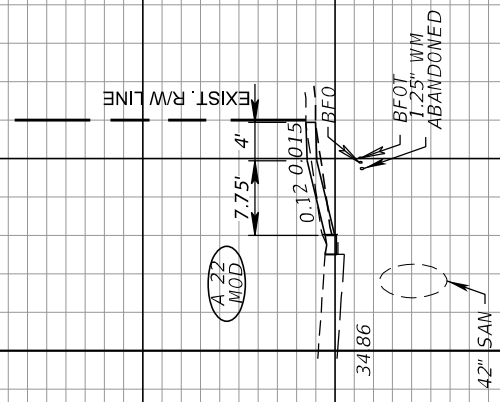
34

CL CONST. N 12TH ST.

CL

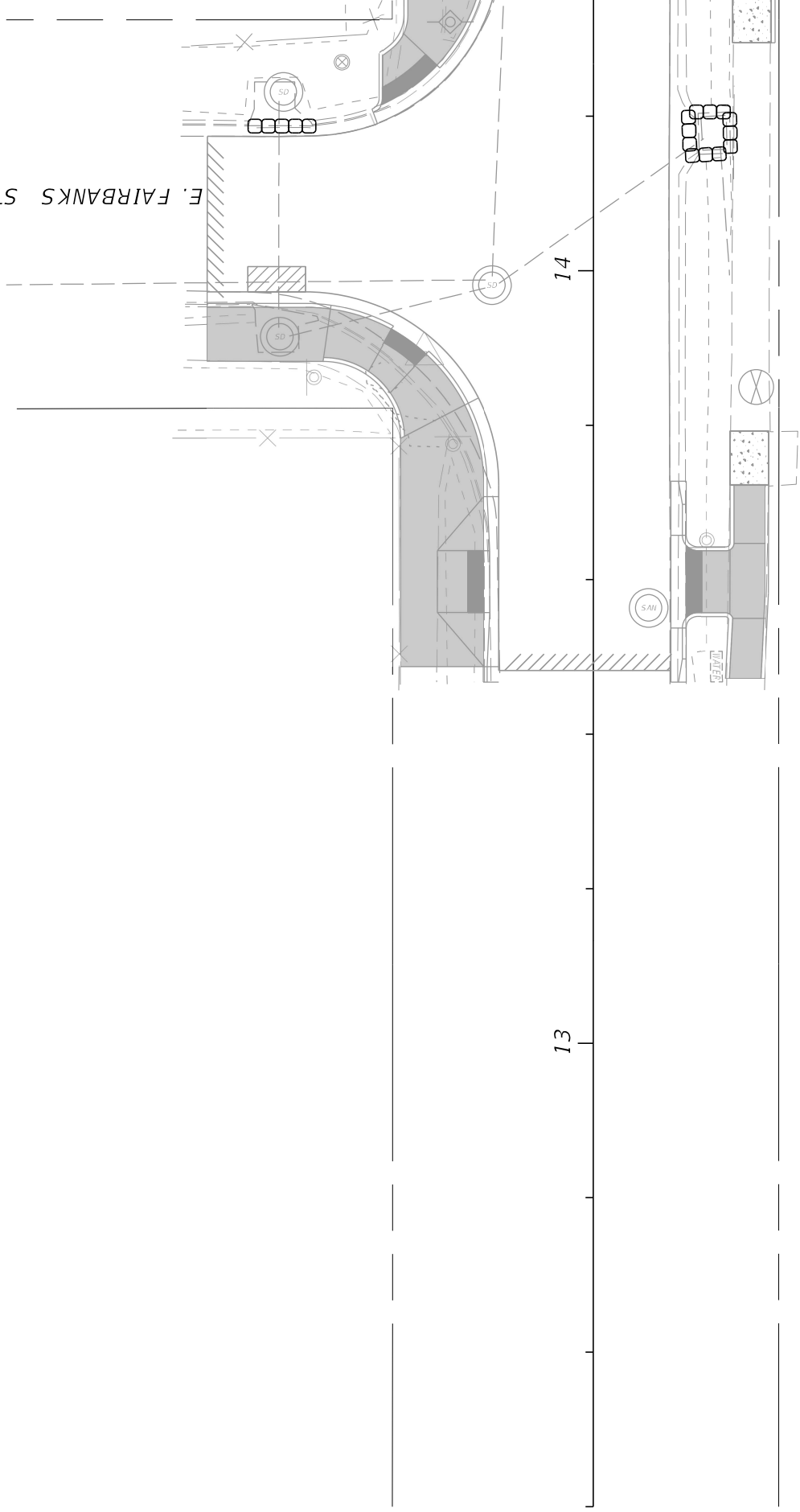
38
36
34
32
30

15+17.00

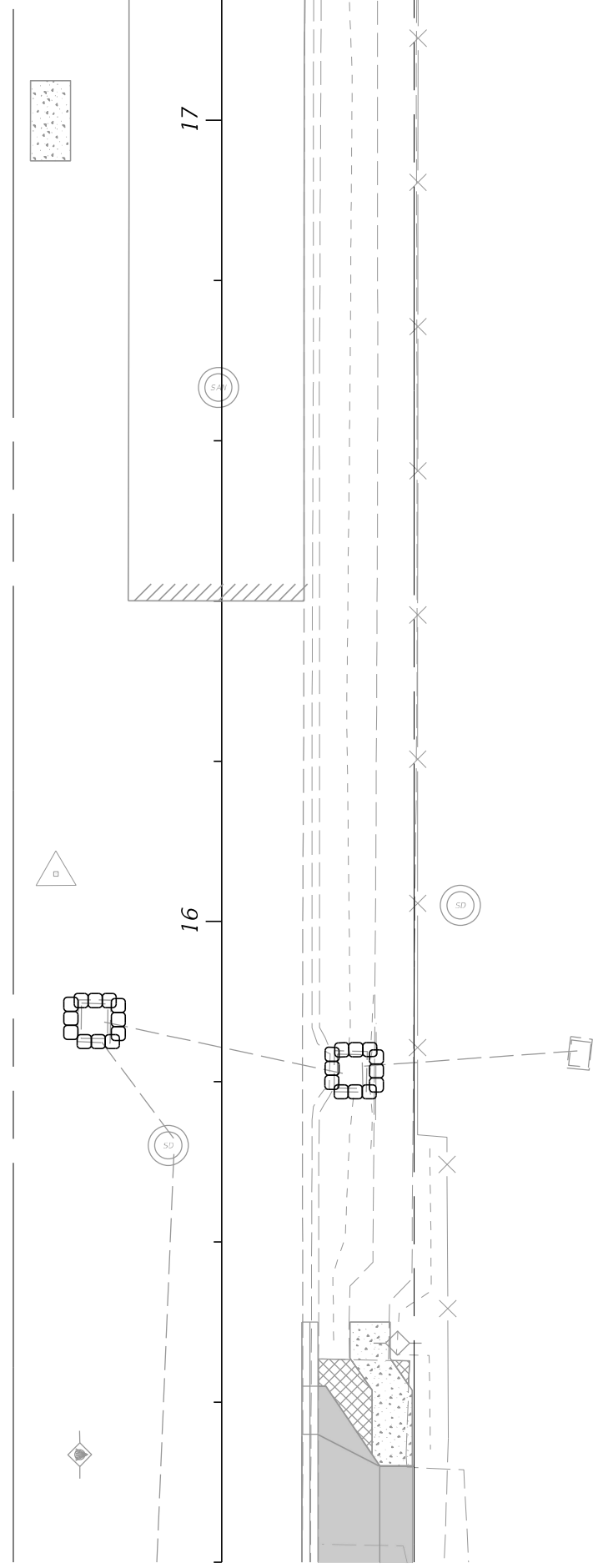


N. 12TH ST

E. FAIRBANKS ST.



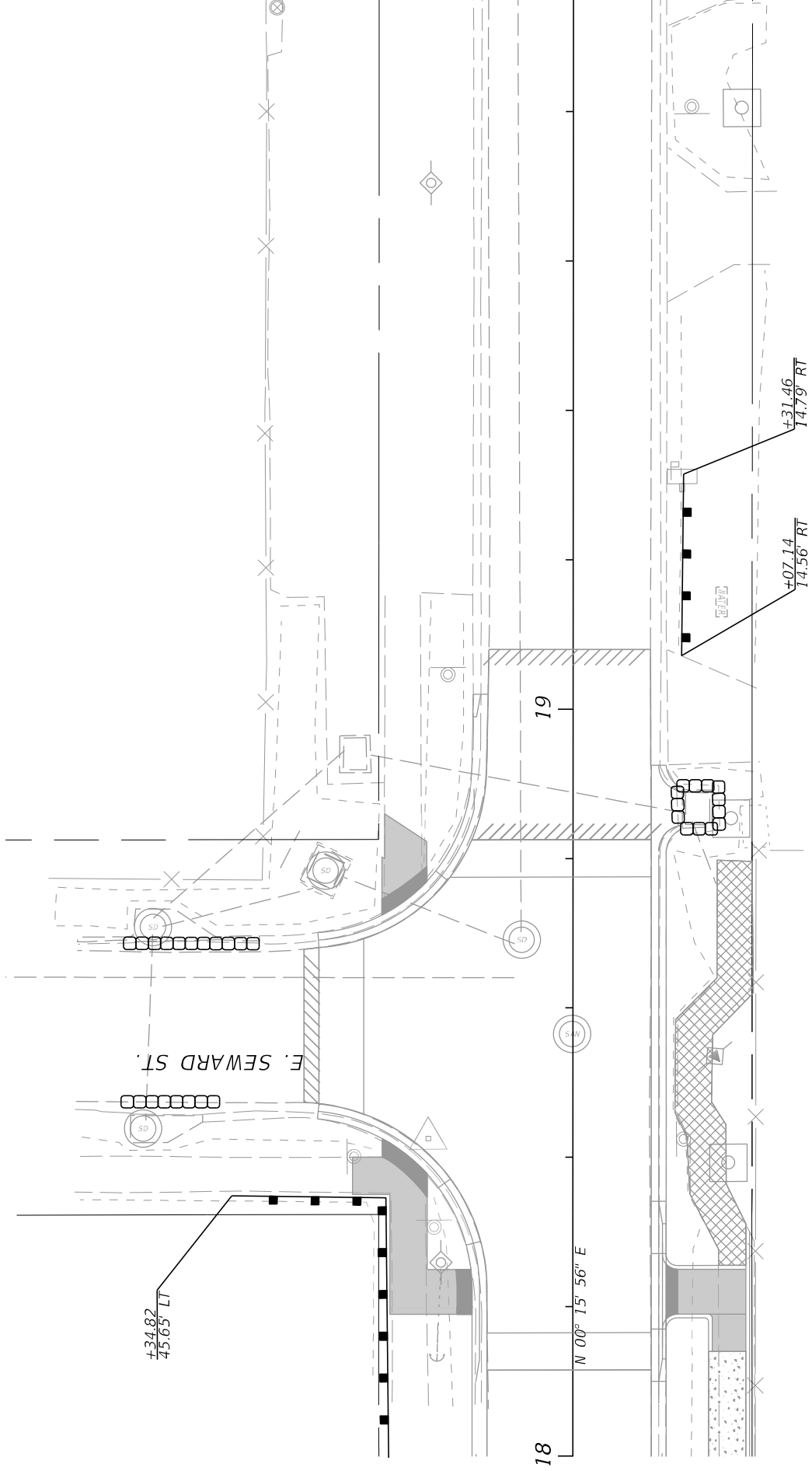
N. 12TH ST



SEDIMENT BARRIER

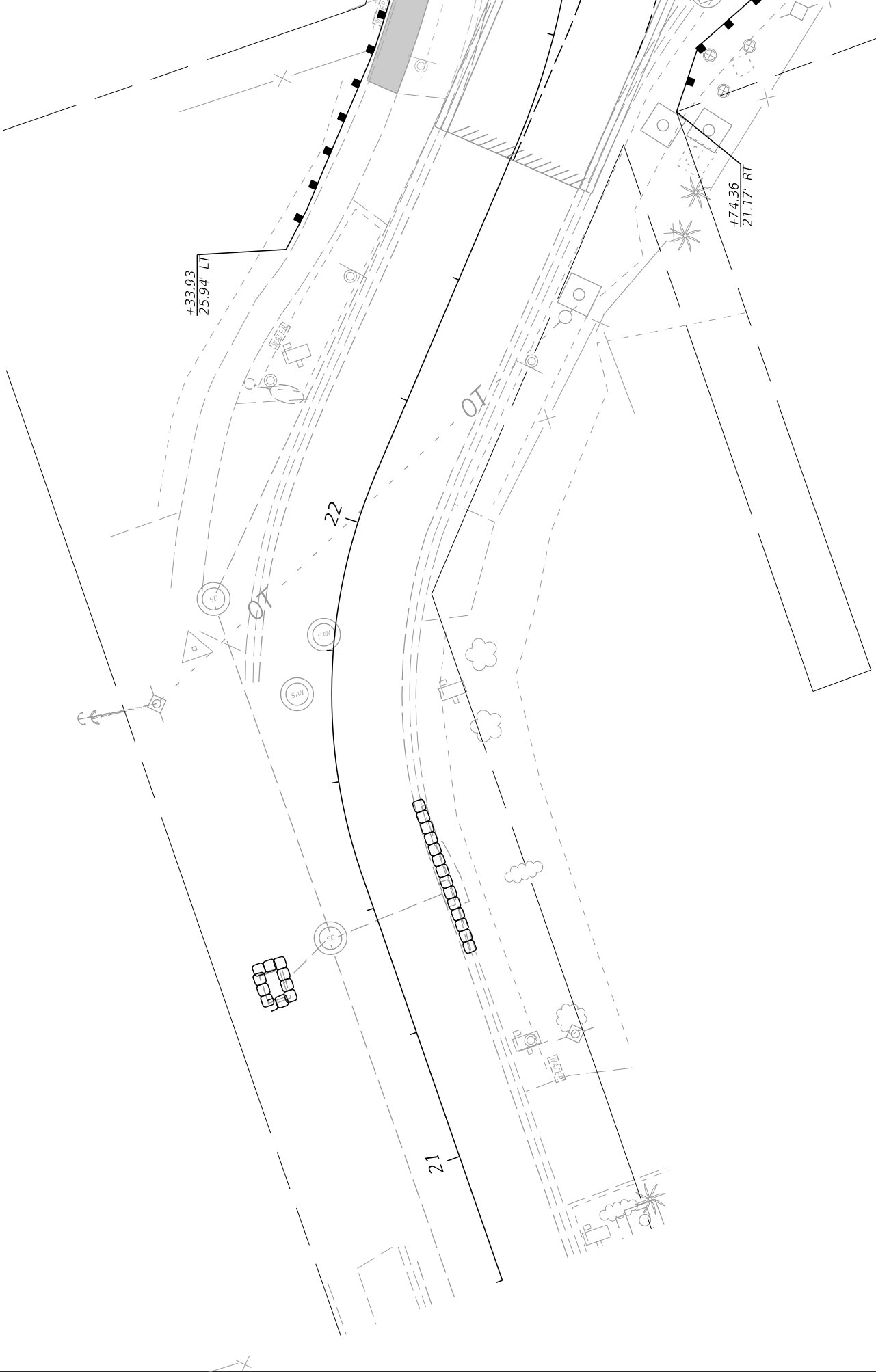
INLET PROTECTION

N. 12TH ST



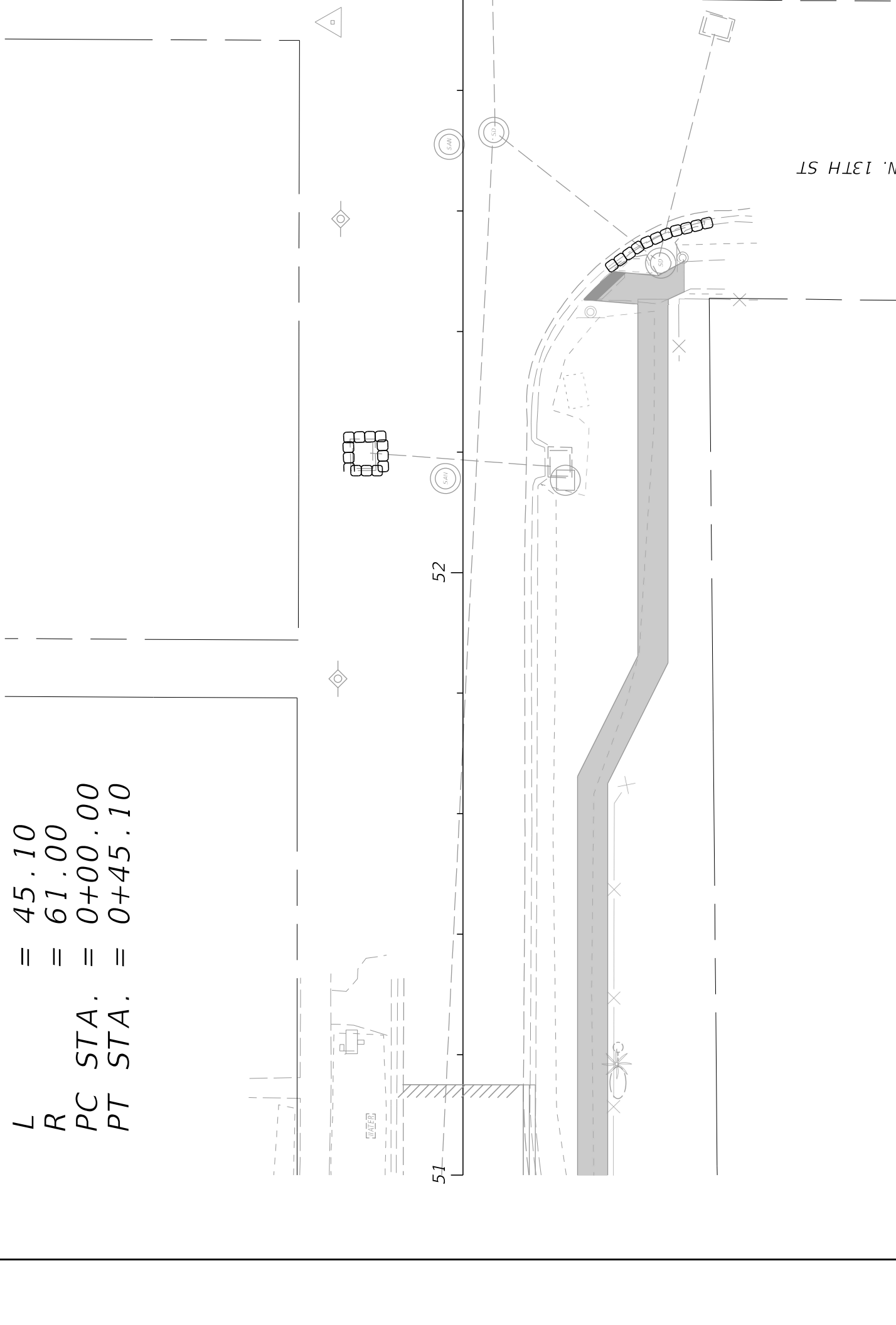
CURVE DATA 1217
 PI STA. = 21+7
 Δ = 42°
 D = 66'
 T = 33.2'
 L = 63.3'
 R = 86.0'
 PC STA. = 21+4
 PT STA. = 22+0

N. 12TH ST

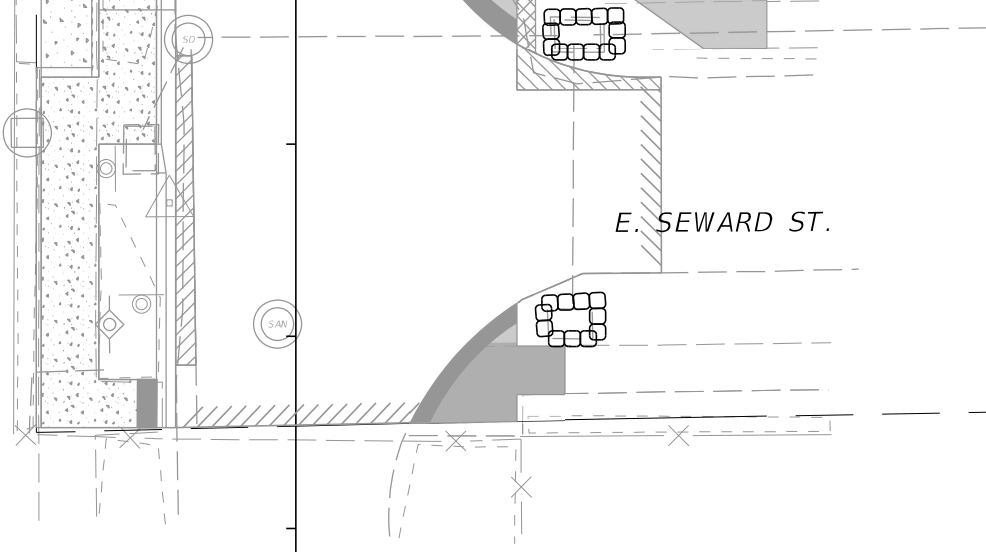


E. YUKON ST

L = 45.10
R = 61.00
PC STA. = 0+00.00
PT STA. = 0+45.10



N. 13TH ST



71

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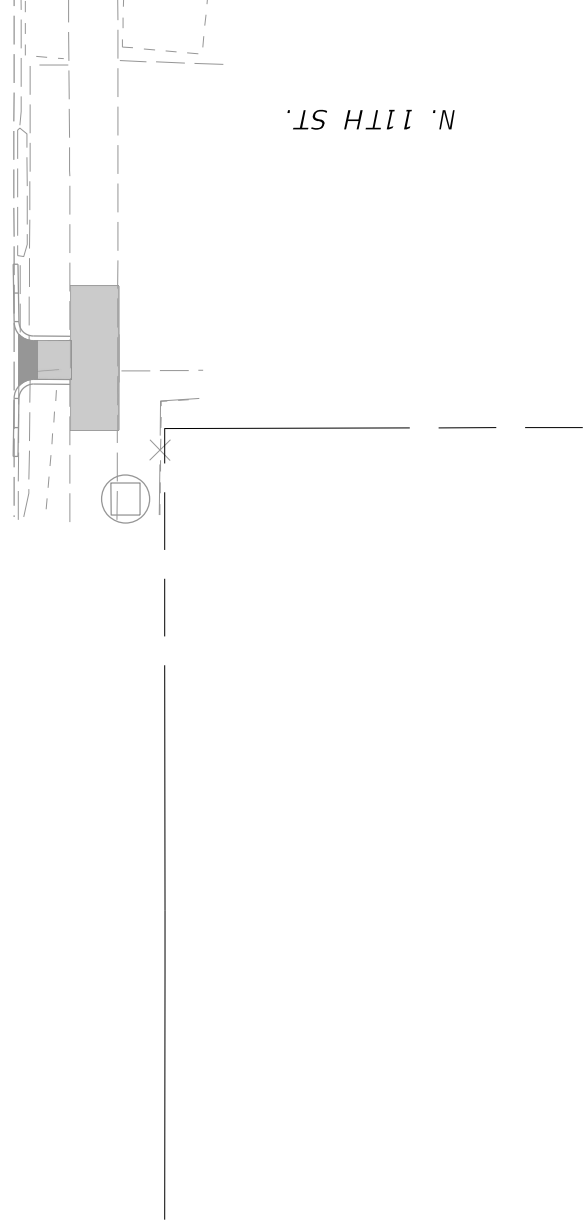
E. YUKON ST

N. 11TH ST.



31

N. 11TH ST.

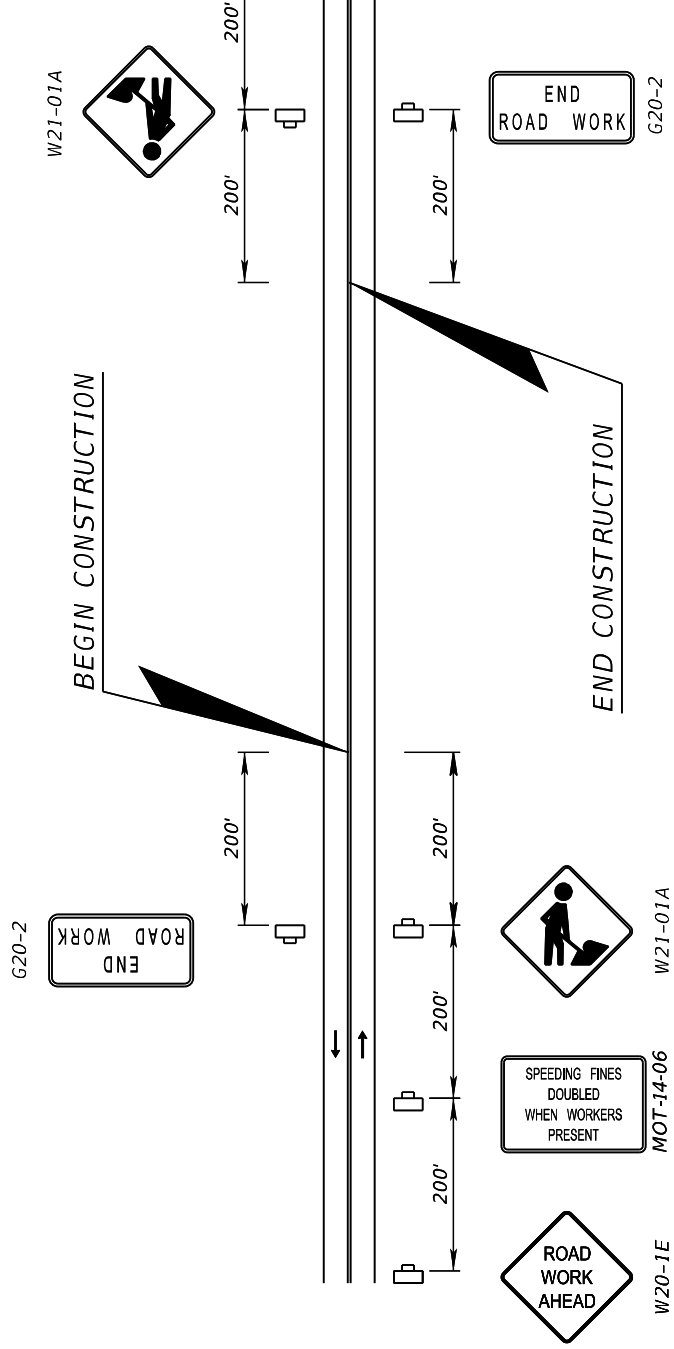


TRAFFIC CONTROL NOTES

1. LANE CLOSURES ARE NOT PERMITTED BETWEEN THE HOURS OF 07:00 AM TO 09:00 AM AND 02:00 PM TO 04:00 PM MONDAY THRU FRIDAY .
2. THE EXISTING SPEED LIMIT OF 25 MPH SHALL REMAIN IN EFFECT FOR ALL TRAFFIC CONTROL AREAS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL PHASING NOTES

1. INSTALL ADVANCED WARNING SIGNS .
2. INSTALL TEMPORARY EROSION CONTROL DEVICES .
3. CONSTRUCT WATERLINE RELOCATION IMPROVEMENTS WITH INTERSECTION IMPROVEMENTS AT N 12TH ST AND E SEWARD ST. UTILIZING TTCP (2) .
4. CONSTRUCT IMPROVEMENTS UTILIZING FDOT STANDARD PLAN INDEXES: 102-601, 102-602, 102-603, 102-604, 102-660, TTCP (3), TTCP (4) .



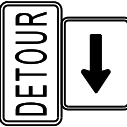
PCMS	PCMS
14 DAYS ADVANCE	DURING CONSTRUCTION
XX/XX TO XX/XX	12TH ST CLOSED @ SEWARD
	DETOUR @ BROOKS ST



(1)



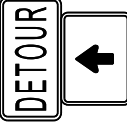
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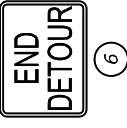
(3)



(4)



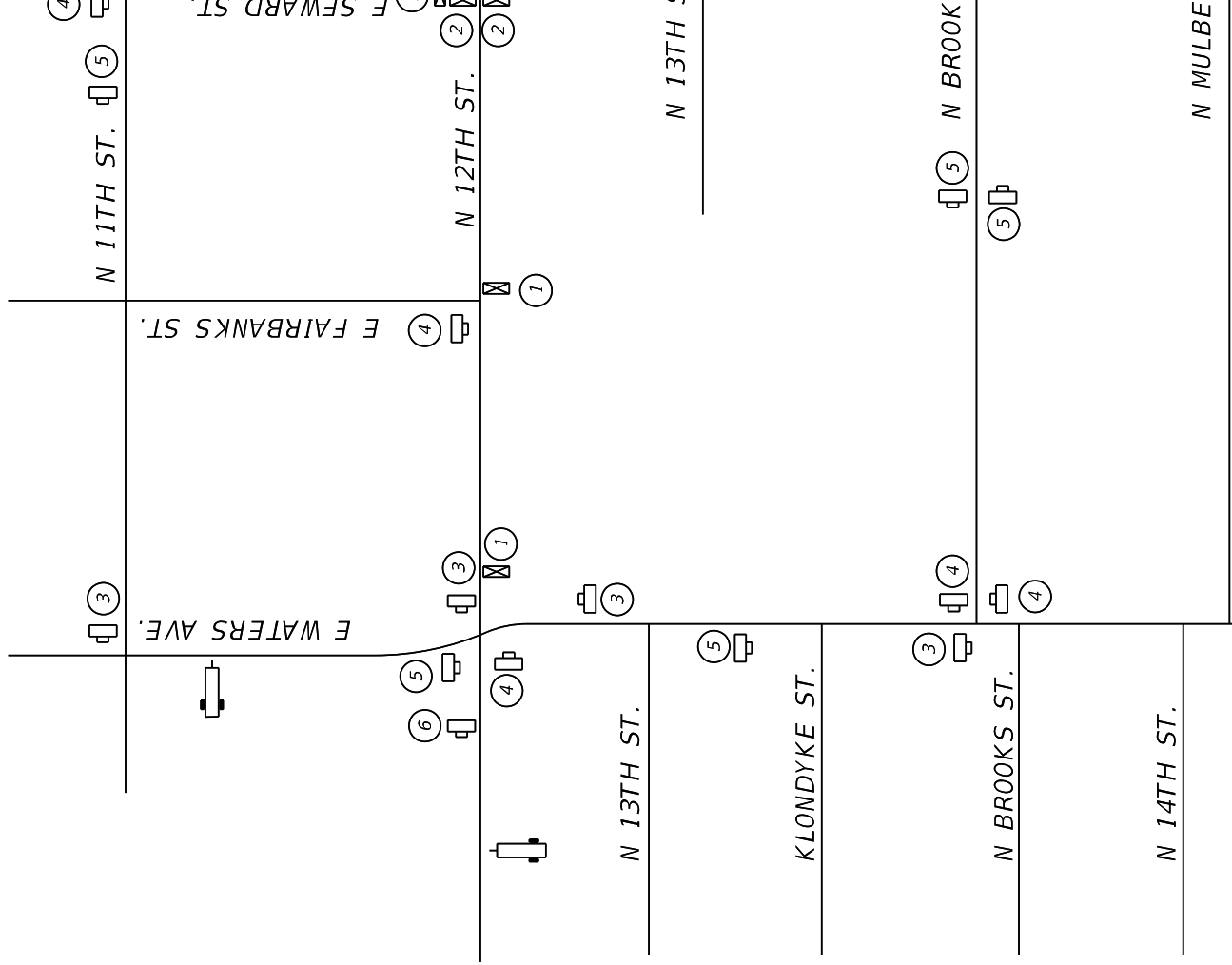
(5)



(6)

NOTE:

ESTIMATED DURATION OF DETOUR IS 50 DAYS.



LEGEND



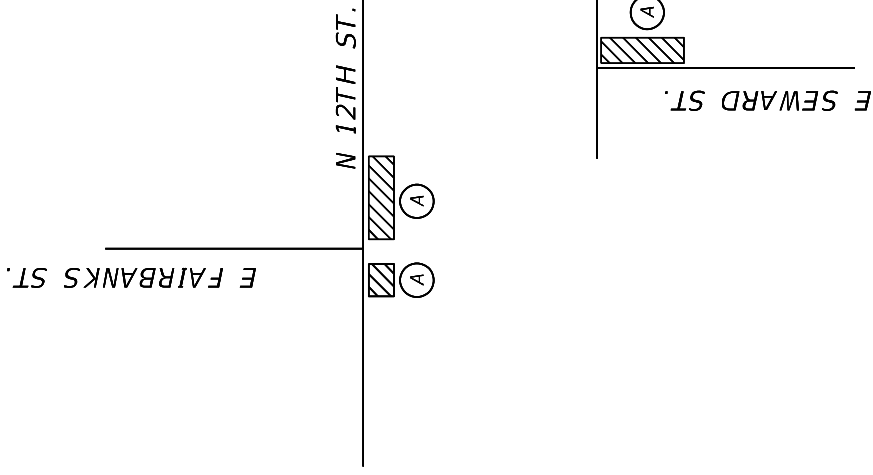
WORK AREA



PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

PEDESTRIAN TRAFFIC CONTROL NOTES

1. CONSTRUCT SIDEWALK AND DRIVEWAY IMPROVEMENTS DURING NON-SCHOOL HOURS.
 2. CONSTRUCT SIDEWALK IMPROVEMENTS IN ACCORDANCE WITH FDOT STANDARD PLAN INDEX 102-660. UTILIZE PEDESTRIAN DIVERSIONS AND PEDESTRIAN SPECIAL DETOURS TO MAINTAIN PEDESTRIAN TRAFFIC.
- PEDESTRIAN TRAFFIC CONTROL PHASE A NOTES
1. CONSTRUCT SIDEWALK AND DRIVEWAY IMPROVEMENTS ALONG N 12TH STREET FROM SOUTH OF E FAIRBANKS STREET TO E SEWARD STREET ON THE EAST SIDE OF THE ROADWAY.
 2. CONSTRUCT SIDEWALK IMPROVEMENTS ALONG E YUKON STREET FROM N 12TH STREET TO N 13TH STREET ON THE SOUTH SIDE OF THE ROADWAY.
 3. CONSTRUCT SIDEWALK IMPROVEMENTS AT:
 NE QUADRANT OF N 13TH STREET AT E SEWARD STREET.
 NW AND NE QUADRANTS OF E YUKON STREET AT N 11TH STREET.



LEGEND



PHASE A WORK ZONE



WORK ZONE SIGN



PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE



TEMPORARY CURB RAMP W/ DETECTABLE WARNING DEVICE



OR



1

2

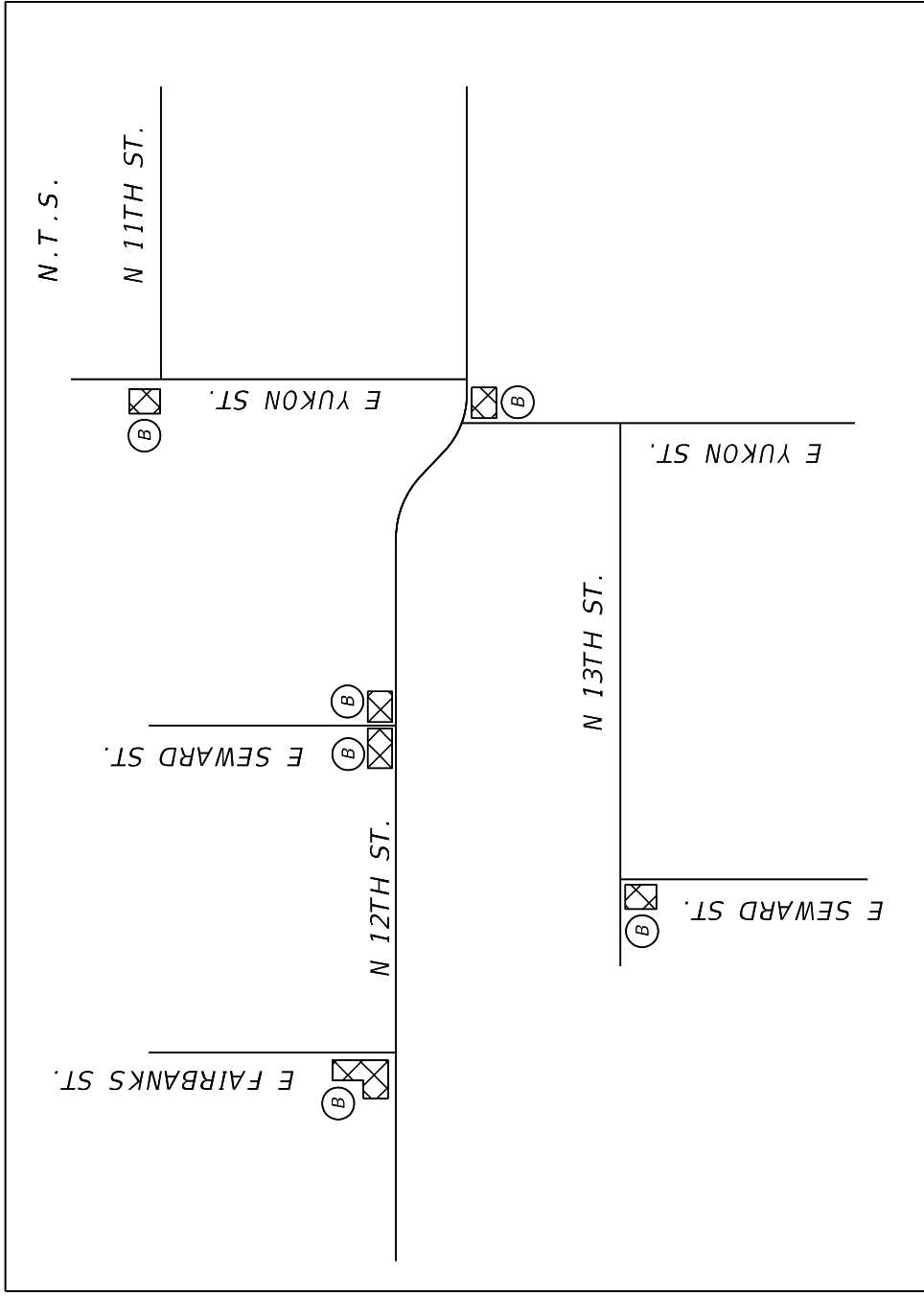
3



PEDESTRIAN PHASING PLAN

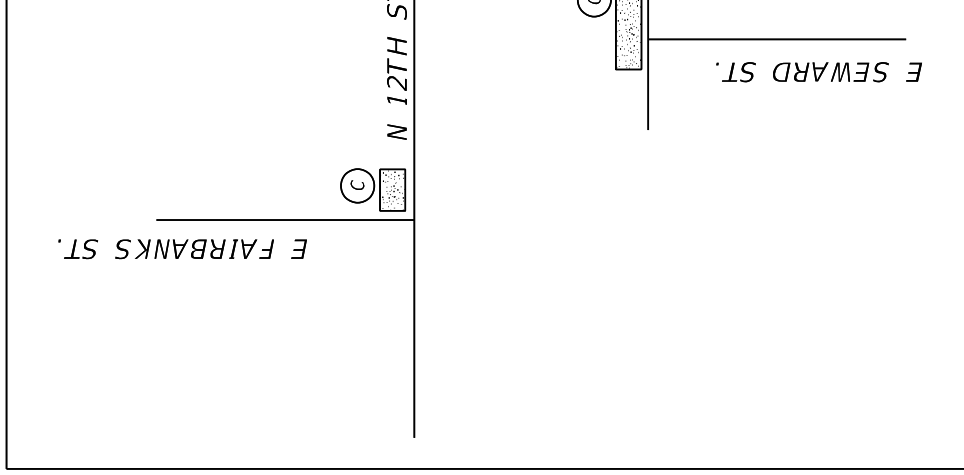
PEDESTRIAN TRAFFIC CONTROL PHASE B NOTES

- CONSTRUCT SIDEWALK IMPROVEMENTS AT:
 SW QUADRANT OF N 12TH STREET AT E FAIRBANKS STREET
 SW AND NW QUADRANTS OF N 12TH STREET AT E SEWARD STREET
 NE QUADRANT OF E YUKON STREET AT N 12TH STREET
 SE QUADRANT OF N 13TH STREET AT E SEWARD STREET
 SW QUADRANT OF E YUKON STREET AT N 11TH STREET



PEDESTRIAN TRAFFIC CONTROL PHASE C NOTES

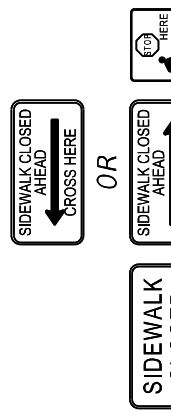
- CONSTRUCT SIDEWALK IMPROVEMENTS
 NW QUADRANT OF N 12TH STREET
 SW AND NW QUADRANTS OF E YUKON STREET



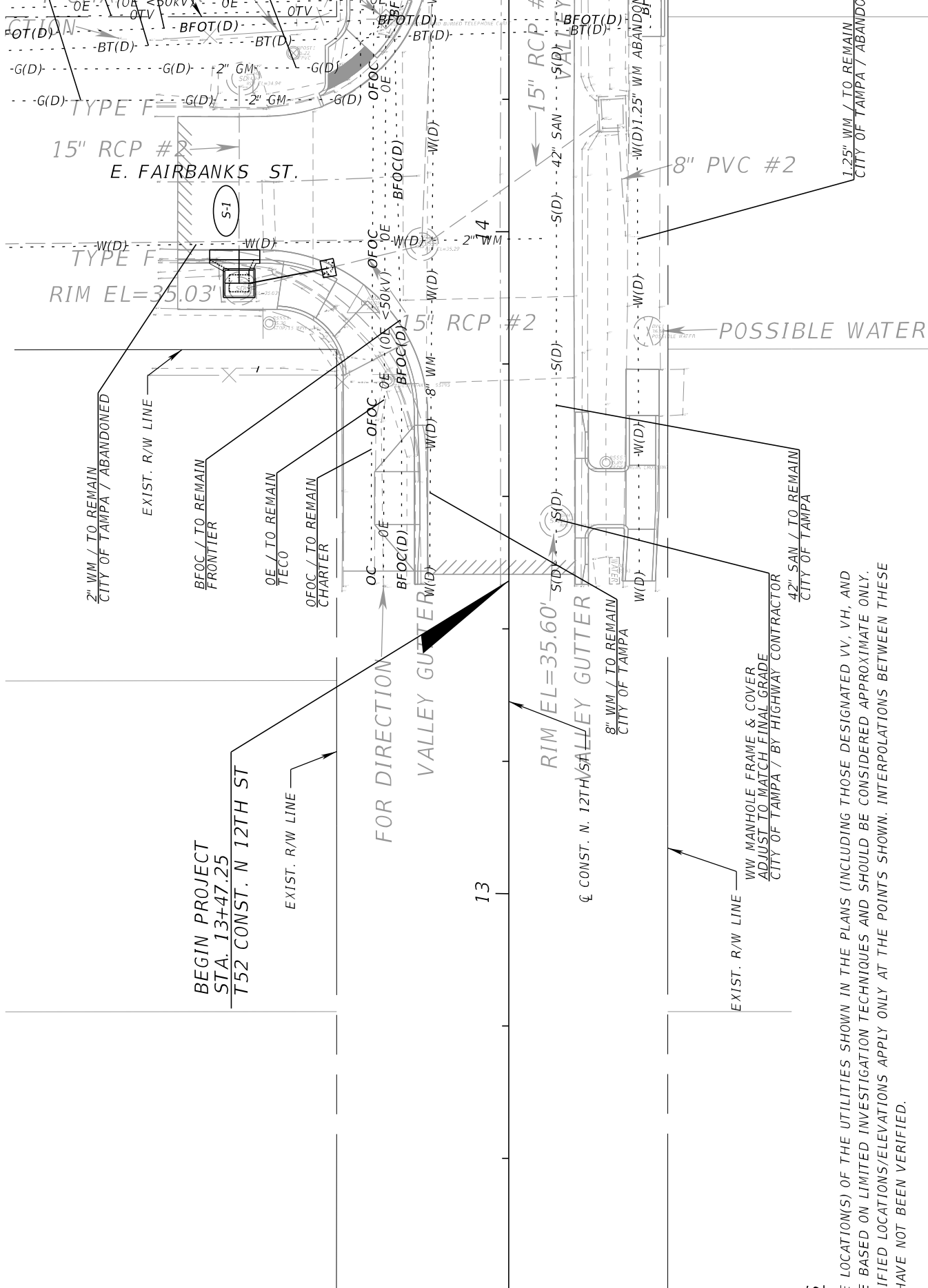
LEGEND

- PHASE B WORK ZONE
- PHASE C WORK ZONE
- WORK ZONE SIGN

PEDESTRIAN PHASING PLAN



N. 12TH ST

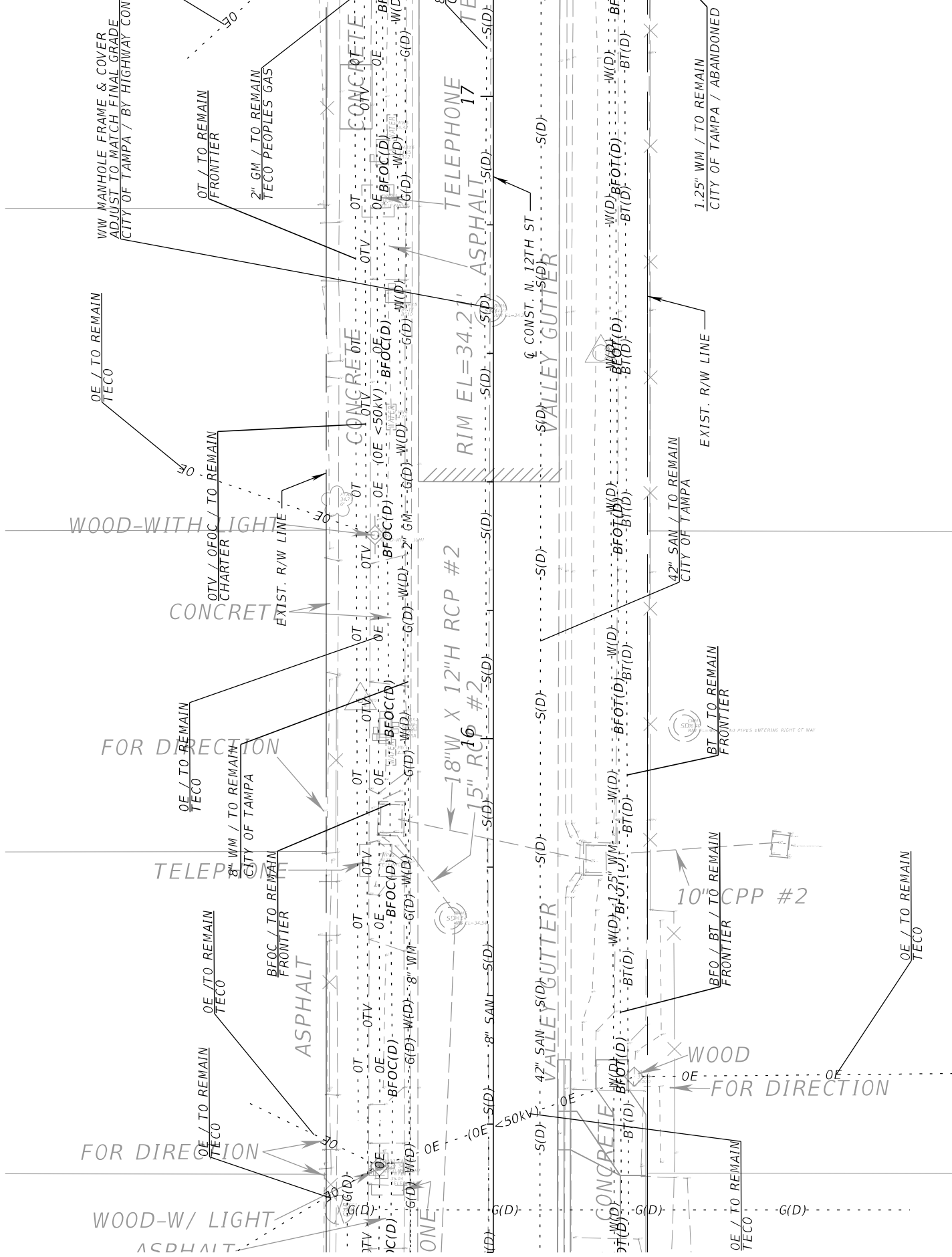


NOTES

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

UTILITY/AGENCY OWNERS:	COMPANY	CONTACT	TELEPHONE NUMBERS
2.	CHARTER (SPECTRUM)	SCOTT CREASY	(727) 329-2817

N. 12TH ST



WW MANHOLE FRAME & COVER
ADJUST TO MATCH FINAL GRADE
CITY OF TAMPA / BY HIGHWAY CON

OE / TO REMAIN
TECO

OT / TO REMAIN
FRONTIER

2" GM / TO REMAIN
TECO PEOPLES GAS

CONCRETE

TELEPHONE
17

RIM EL=34.21
ASPHALT

CONST. N. 12TH ST

VALLEY GUTTER

W(D) / BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

WOOD-WITH LIGHT

OTV / OFOC / TO REMAIN
CHARTER

EXIST. R.W LINE

CONCRETE

OE (OE <50KV) / BFOC(D)

18"W X 12"H RCP #2

15" RCP #2

FOR DIRECTION

OE / TO REMAIN
TECO

8" WM / TO REMAIN
CITY OF TAMPA

TELEPHONE

BFOC / TO REMAIN
FRONTIER

ASPHALT

8" SAN

42" SAN
VALLEY GUTTER

W(D) / BT(D)

BT / TO REMAIN
FRONTIER

10" CPP #2

WOOD

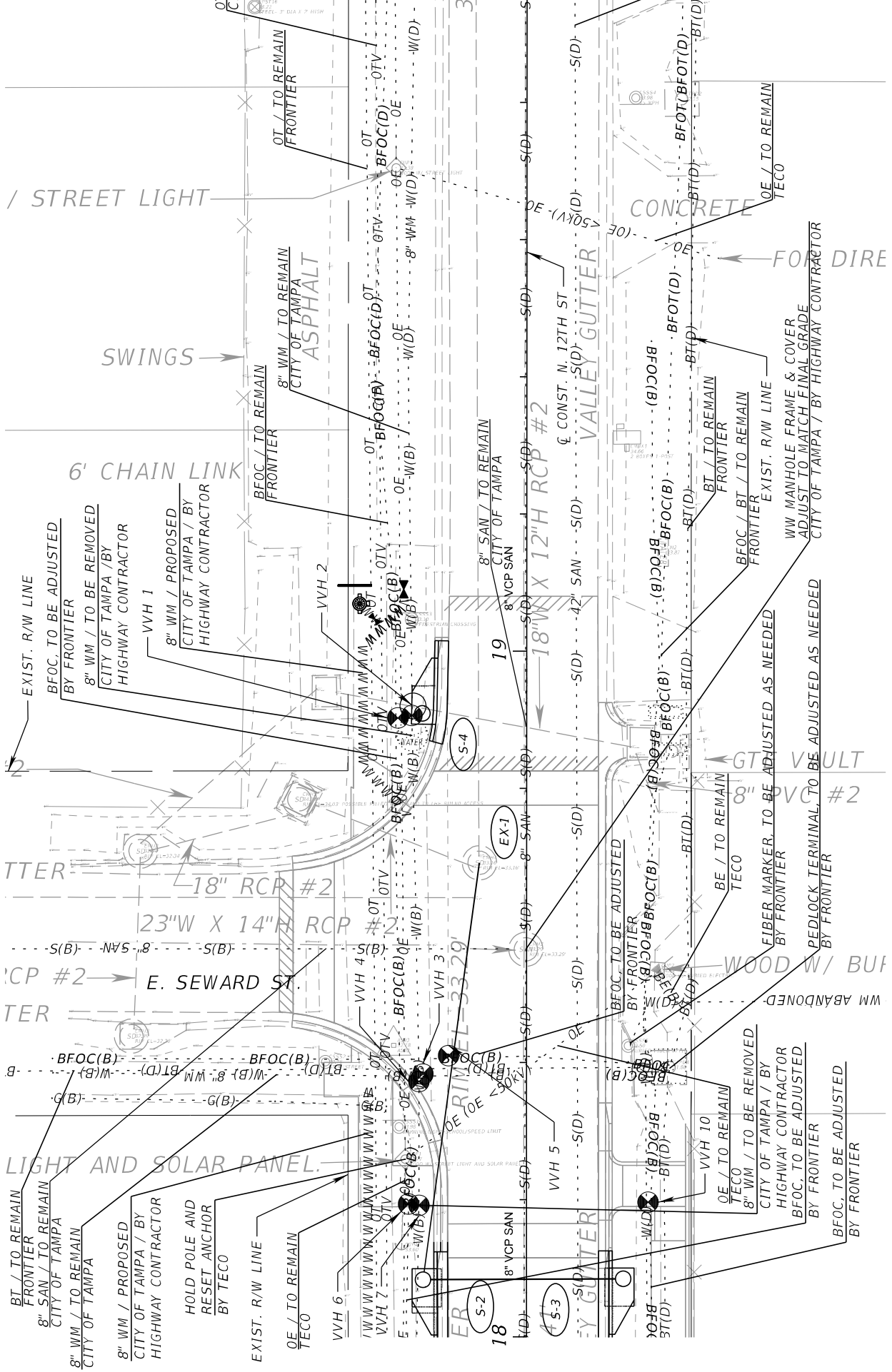
FOR DIRECTION

FOR DIRECTION

WOOD-W/ LIGHT
ASPHALT

OE / TO REMAIN
TECO

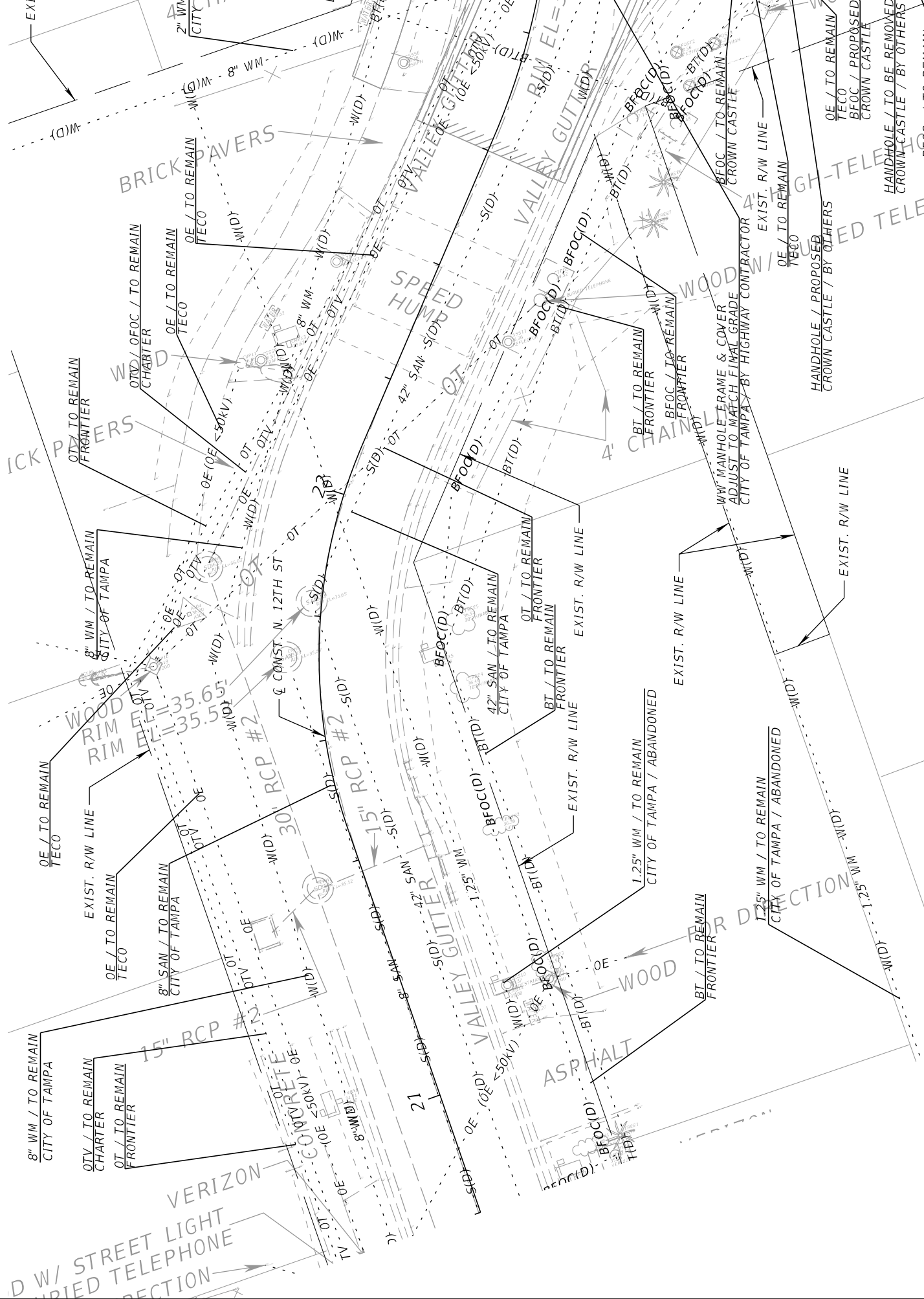
N. 12TH ST



SUMMARY OF VERIFIED UTILITIES

Test Hole #	Utility Type	Utility Material	Utility Size	Owner	Station	Offset LT/RT	Ground Elevation	Top of Utility Elevation	Depth of Cover	Marker Set	Comment
VVH 1	FOC	HDPE	1.25"	Frontier	18+90.24	18.76'	32.95'	31.10'	1.85'	SIRC	
VVH 2	WM	CIP	8"	City of Tampa	18+90.59	16.72'	33.10'	29.23'	3.87'	SIRC	

N. 12TH ST



8" WM / TO REMAIN
CITY OF TAMPA

OTV / TO REMAIN
CHARTER

OT / TO REMAIN
FRONTIER

15" RCP #1

CONCRETE
(OE <50KV)

8" WM (D)

30" RCP #2

W(D)

OTV

15" RCP #2

S(D)

W(D)

42" SAN
CITY OF TAMPA

W(D)

BT(D)

1.25" WM
CITY OF TAMPA / ABANDONED

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT / TO REMAIN
FRONTIER

EXIST. R/W LINE

W(D)

EXIST. R/W LINE

W(D)

8" WM / TO REMAIN
CITY OF TAMPA

EXIST. R/W LINE

OE / TO REMAIN
TECO

8" SAN / TO REMAIN
CITY OF TAMPA

OTV

OE

30" RCP #2

W(D)

OTV

15" RCP #2

S(D)

W(D)

42" SAN / TO REMAIN
CITY OF TAMPA

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT / TO REMAIN
FRONTIER

EXIST. R/W LINE

W(D)

EXIST. R/W LINE

W(D)

8" WM / TO REMAIN
CITY OF TAMPA

EXIST. R/W LINE

OE / TO REMAIN
TECO

8" SAN / TO REMAIN
CITY OF TAMPA

OTV

OE

30" RCP #2

W(D)

OTV

15" RCP #2

S(D)

W(D)

42" SAN / TO REMAIN
CITY OF TAMPA

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT / TO REMAIN
FRONTIER

EXIST. R/W LINE

W(D)

EXIST. R/W LINE

W(D)

8" WM / TO REMAIN
CITY OF TAMPA

EXIST. R/W LINE

OE / TO REMAIN
TECO

8" SAN / TO REMAIN
CITY OF TAMPA

OTV

OE

30" RCP #2

W(D)

OTV

15" RCP #2

S(D)

W(D)

42" SAN / TO REMAIN
CITY OF TAMPA

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT / TO REMAIN
FRONTIER

EXIST. R/W LINE

W(D)

EXIST. R/W LINE

W(D)

2" WM
CITY OF TAMPA

W(D)

8" WM
W(D)

42" SAN
S(D)

1.25" WM
W(D)

1.25" WM
W(D)

1.25" WM
W(D)

1.25" WM
W(D)

1.25" WM
W(D)

1.25" WM
W(D)

VERIZON

D W/ STREET LIGHT

RIED TELEPHONE

SECTION

CONCRETE
(OE <50KV)

8" WM (D)

30" RCP #2

W(D)

OTV

15" RCP #2

S(D)

W(D)

42" SAN
CITY OF TAMPA

W(D)

BT(D)

8" WM / TO REMAIN
CITY OF TAMPA

EXIST. R/W LINE

OE / TO REMAIN
TECO

8" SAN / TO REMAIN
CITY OF TAMPA

OTV

OE

30" RCP #2

W(D)

OTV

15" RCP #2

S(D)

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42" SAN / TO REMAIN
CITY OF TAMPA

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CITY OF TAMPA / ABANDONED

W(D)

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1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT / TO REMAIN
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CITY OF TAMPA

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8" SAN / TO REMAIN
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OE

30" RCP #2

W(D)

OTV

15" RCP #2

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W(D)

42" SAN / TO REMAIN
CITY OF TAMPA

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

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OTV

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CITY OF TAMPA

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT / TO REMAIN
FRONTIER

EXIST. R/W LINE

W(D)

EXIST. R/W LINE

W(D)

8" WM / TO REMAIN
CITY OF TAMPA

EXIST. R/W LINE

OE / TO REMAIN
TECO

8" SAN / TO REMAIN
CITY OF TAMPA

OTV

OE

30" RCP #2

W(D)

OTV

15" RCP #2

S(D)

W(D)

42" SAN / TO REMAIN
CITY OF TAMPA

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT(D)

1.25" WM / TO REMAIN
CITY OF TAMPA / ABANDONED

W(D)

BT / TO REMAIN
FRONTIER

EXIST. R/W LINE

W(D)

EXIST. R/W LINE

W(D)

2" WM
CITY OF TAMPA

W(D)

8" WM
W(D)

42" SAN
S(D)

1.25" WM
W(D)

1.25" WM
W(D)

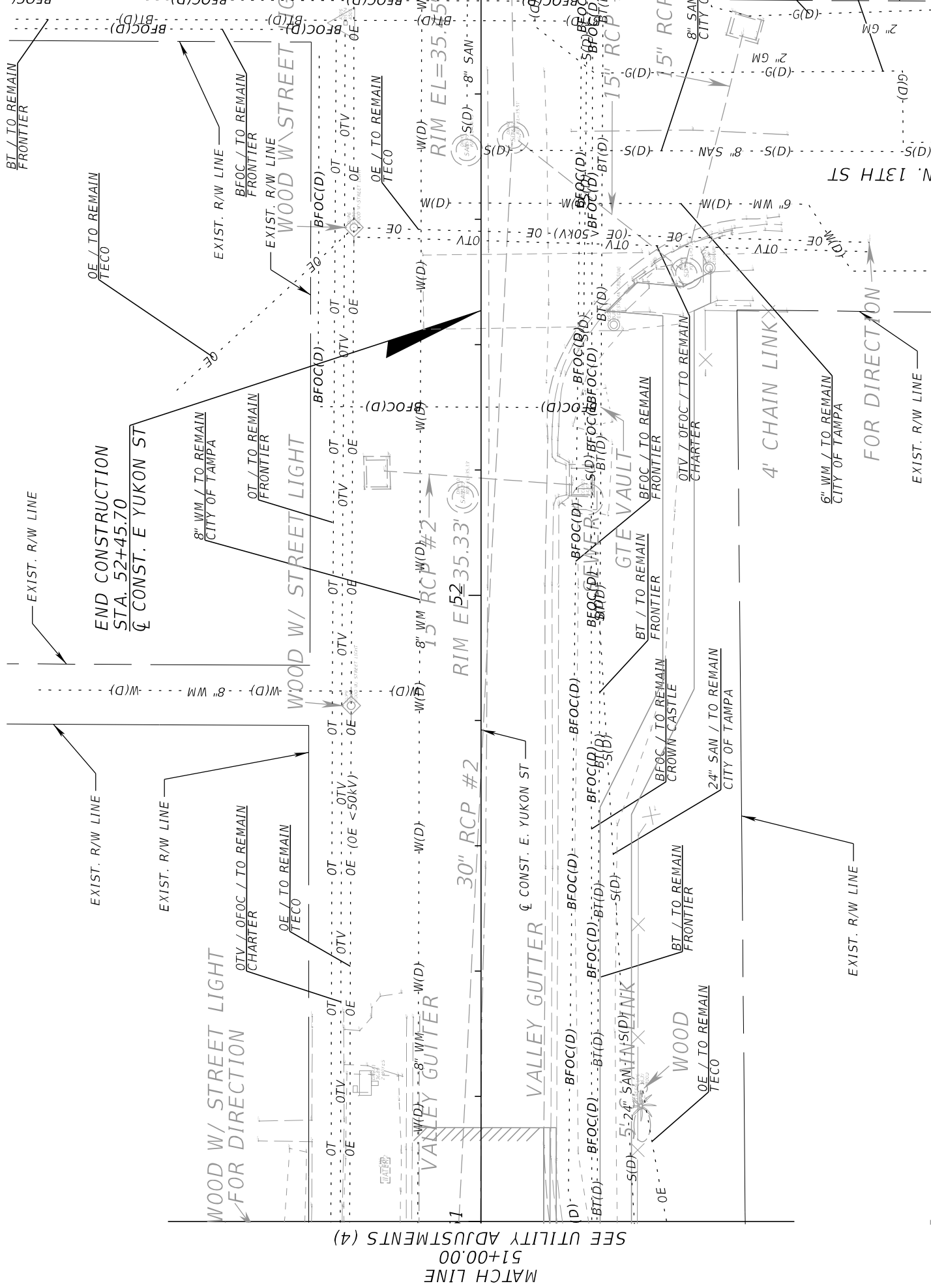
1.25" WM
W(D)

1.25" WM
W(D)

1.25" WM
W(D)

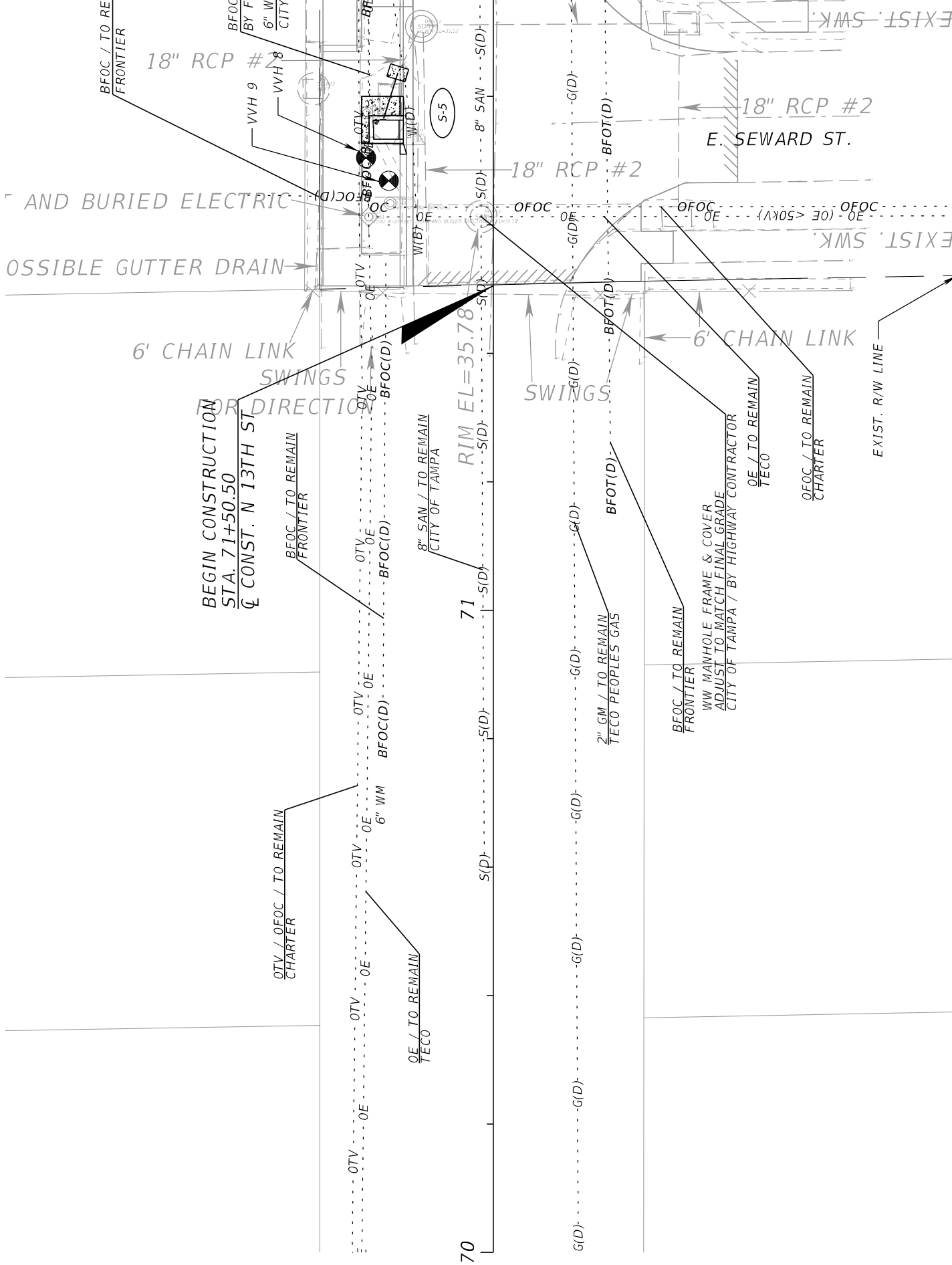
1.25" WM
W(D)

E. YUKON ST

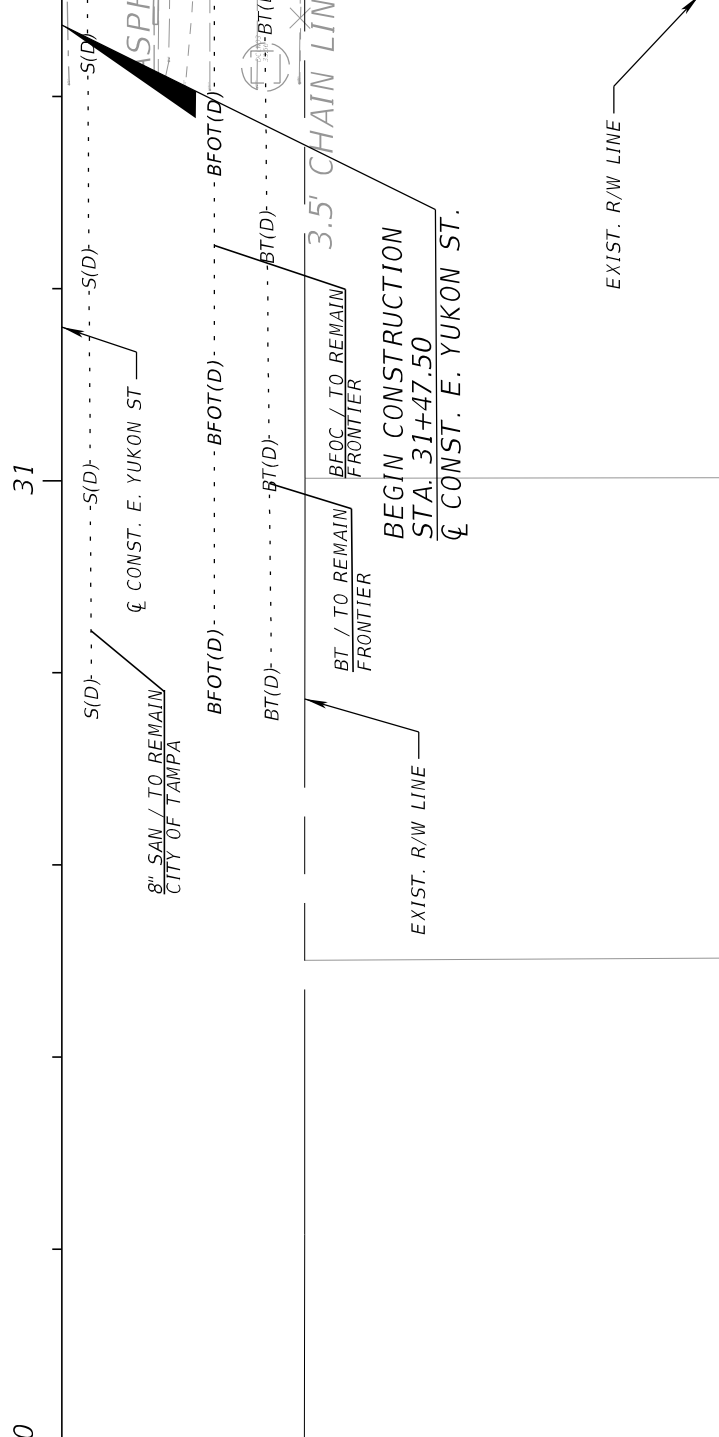
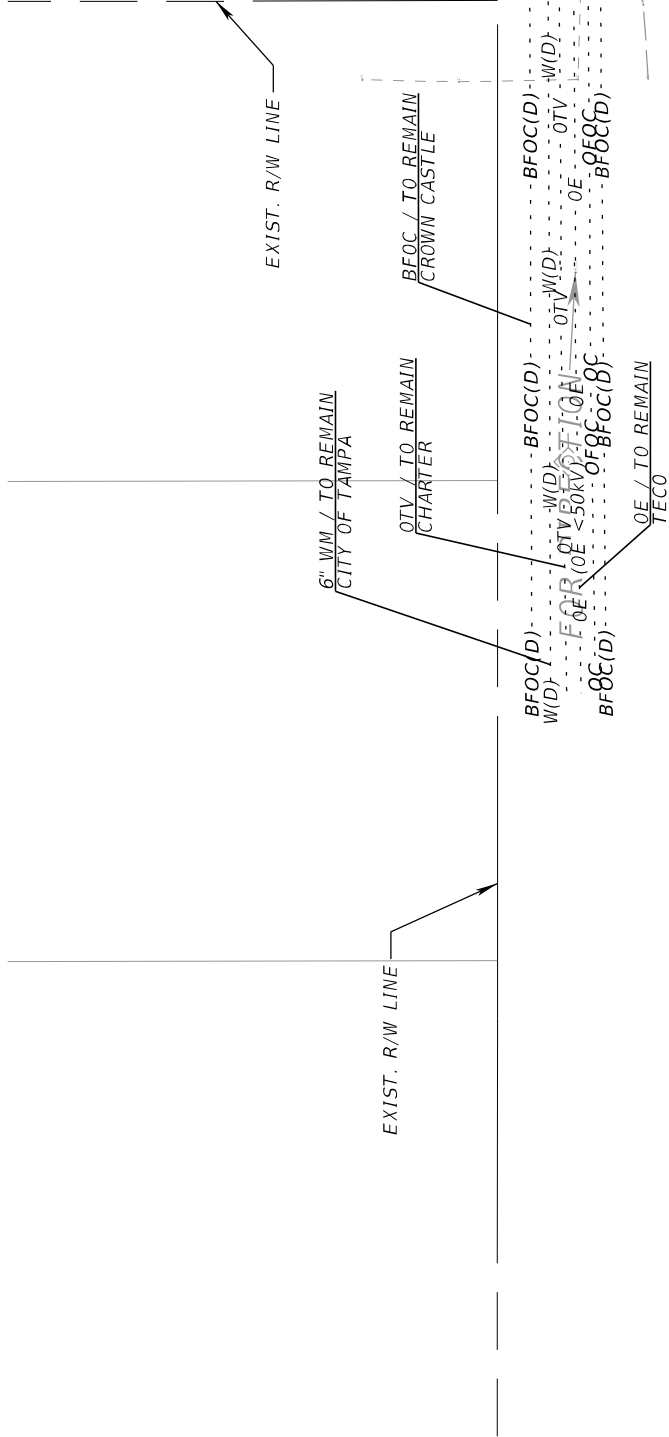


MATCH LINE
51+00.00
SEE UTILITY ADJUSTMENTS (4)

N. 13TH ST

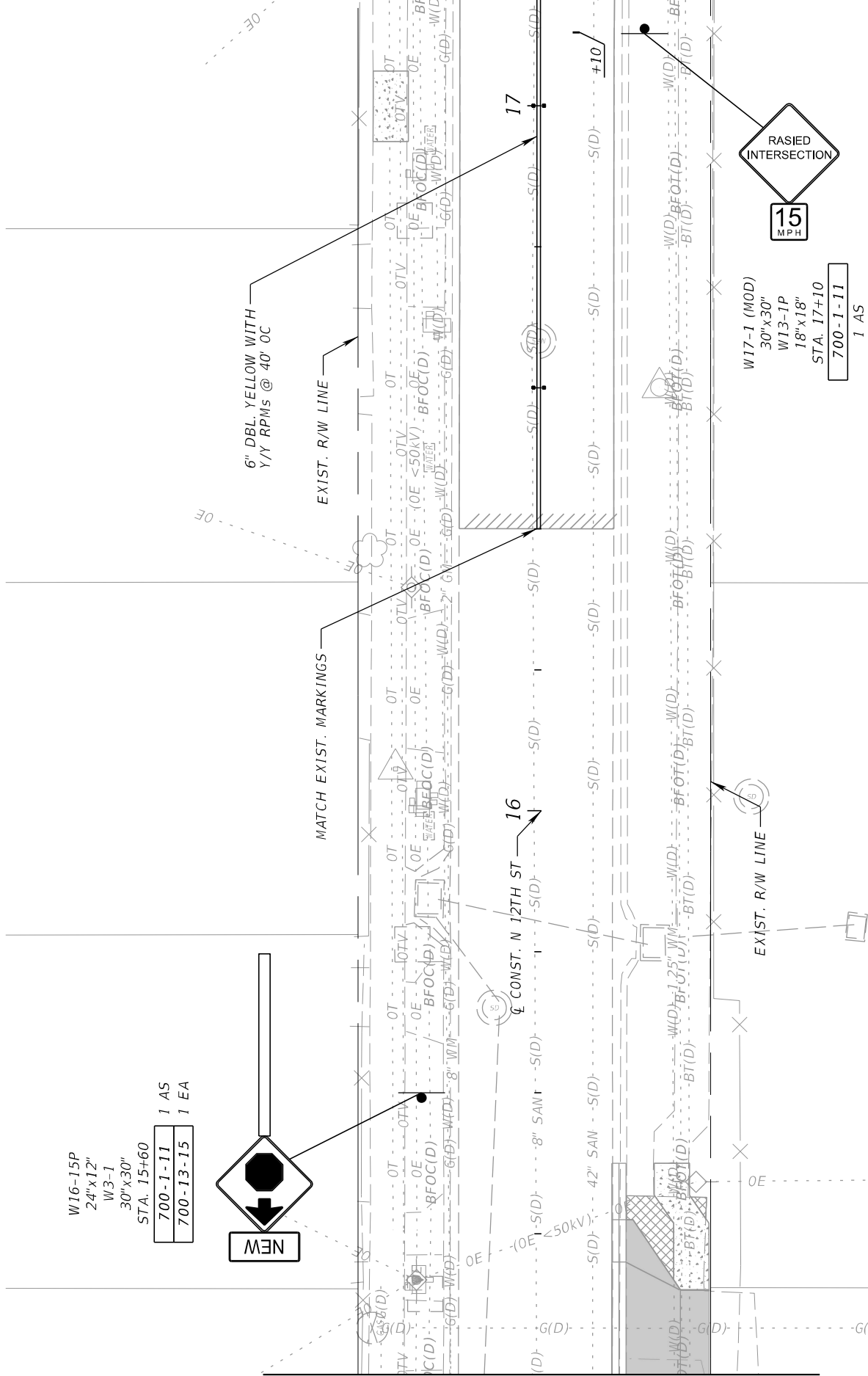


E. YUKON ST



BEGIN CONSTRUCTION STA. 31+47.50 CL CONST. E. YUKON ST.

N 12TH ST



W16-15P
24"x12"
W3-1
30"x30"
STA. 15+60
700-1-11 1 AS
700-13-15 1 EA



NEW

6" DBL. YELLOW WITH
Y/Y RPMs @ 40' OC

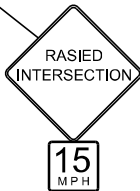
MATCH EXIST. MARKINGS

EXIST. R/W LINE

CONST. N 12TH ST

17

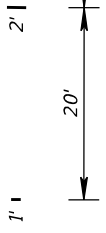
W17-1 (MOD)
30"x30"
W13-1P
18"x18"
STA. 17+10
700-1-11
1 AS

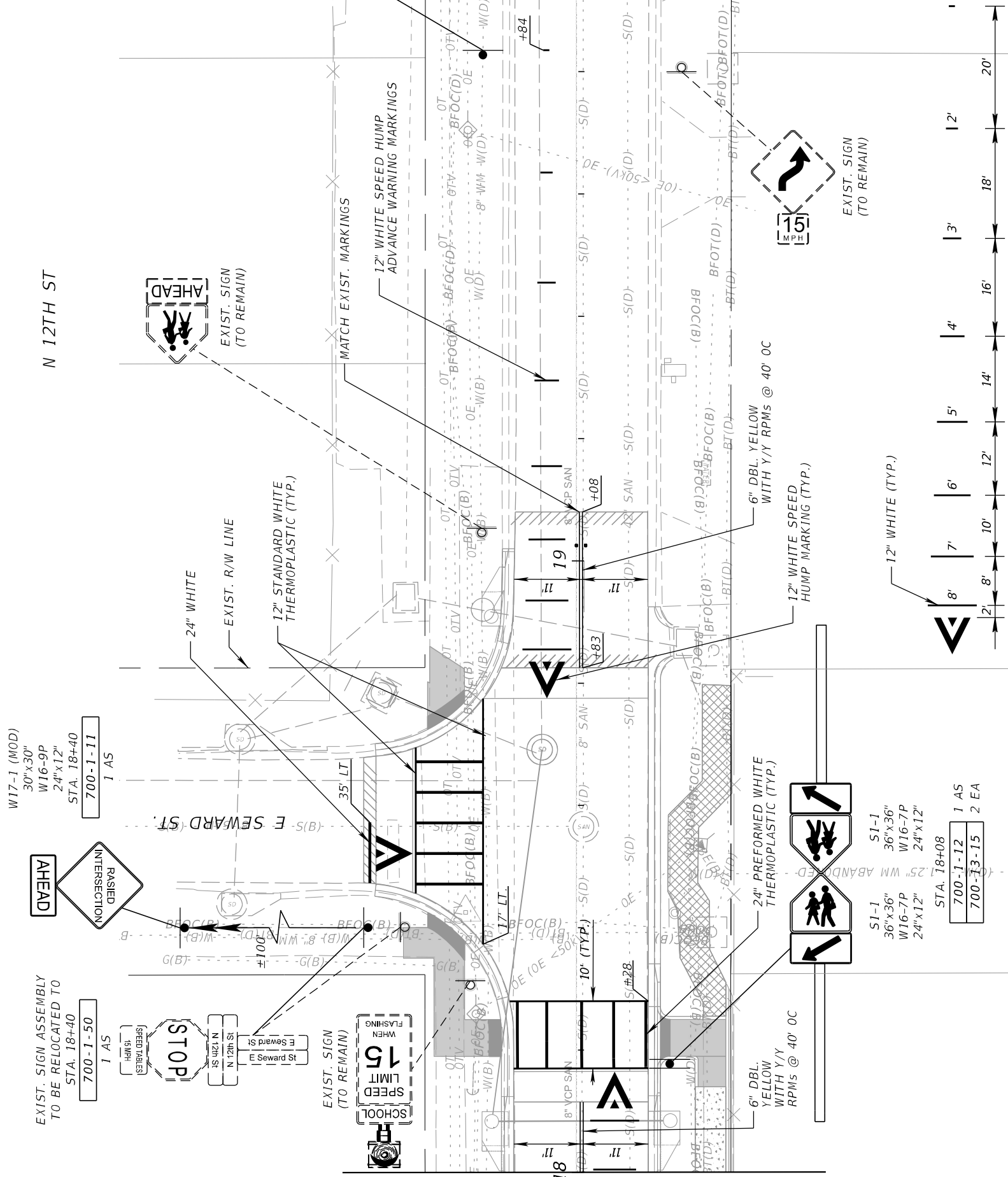


15
MPH

EXIST. R/W LINE

MATCH LINE 15+20.00
SEE SIGNING AND PAVEMENT MARKING PLAN (1)





N 12TH ST

W17-1 (MOD)
30"x30"
W16-9P
24"x12"
STA. 18+40
700-1-11
1 AS

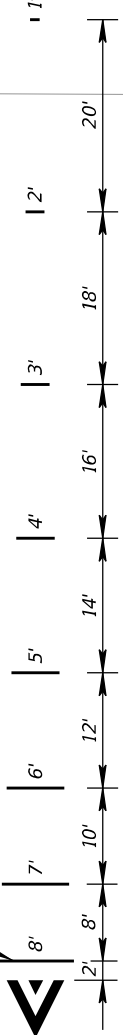
EXIST. SIGN ASSEMBLY
TO BE RELOCATED TO
STA. 18+40
700-1-50
1 AS

STOP
Seward St
N 12th St

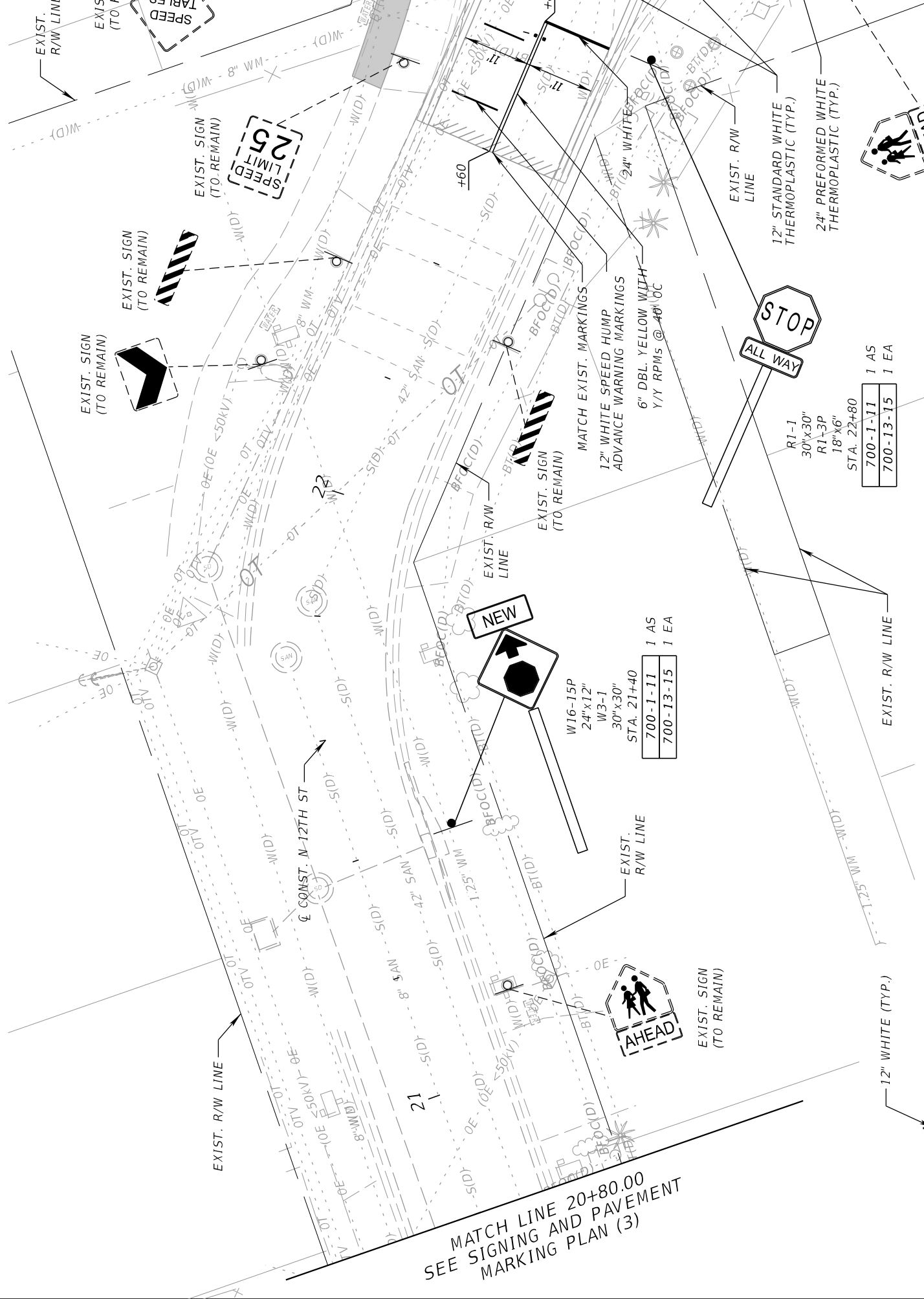
SCHOOL
SPEED
LIMIT
15
FLASHING
WHEN
STOPPED

STA. 18+08
700-1-12 1 AS
700-13-15 2 EA

MATCH LINE 18+80.00
SEE SIGNING AND PAVEMENT MARKING PLAN (2)



N 12TH ST



EXIST. SIGN (TO REMAIN)

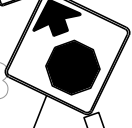


EXIST. SIGN (TO REMAIN)

EXIST. SIGN (TO REMAIN)



NEW



W16-15P
24"x12"
W3-1
30"x30"
STA. 21+40

700-1-11	1 AS
700-13-15	1 EA



EXIST. SIGN (TO REMAIN)



EXIST. R/W LINE

R1-1
30"x30"
R1-3P
18"x6"

700-1-11	1 AS
700-13-15	1 EA

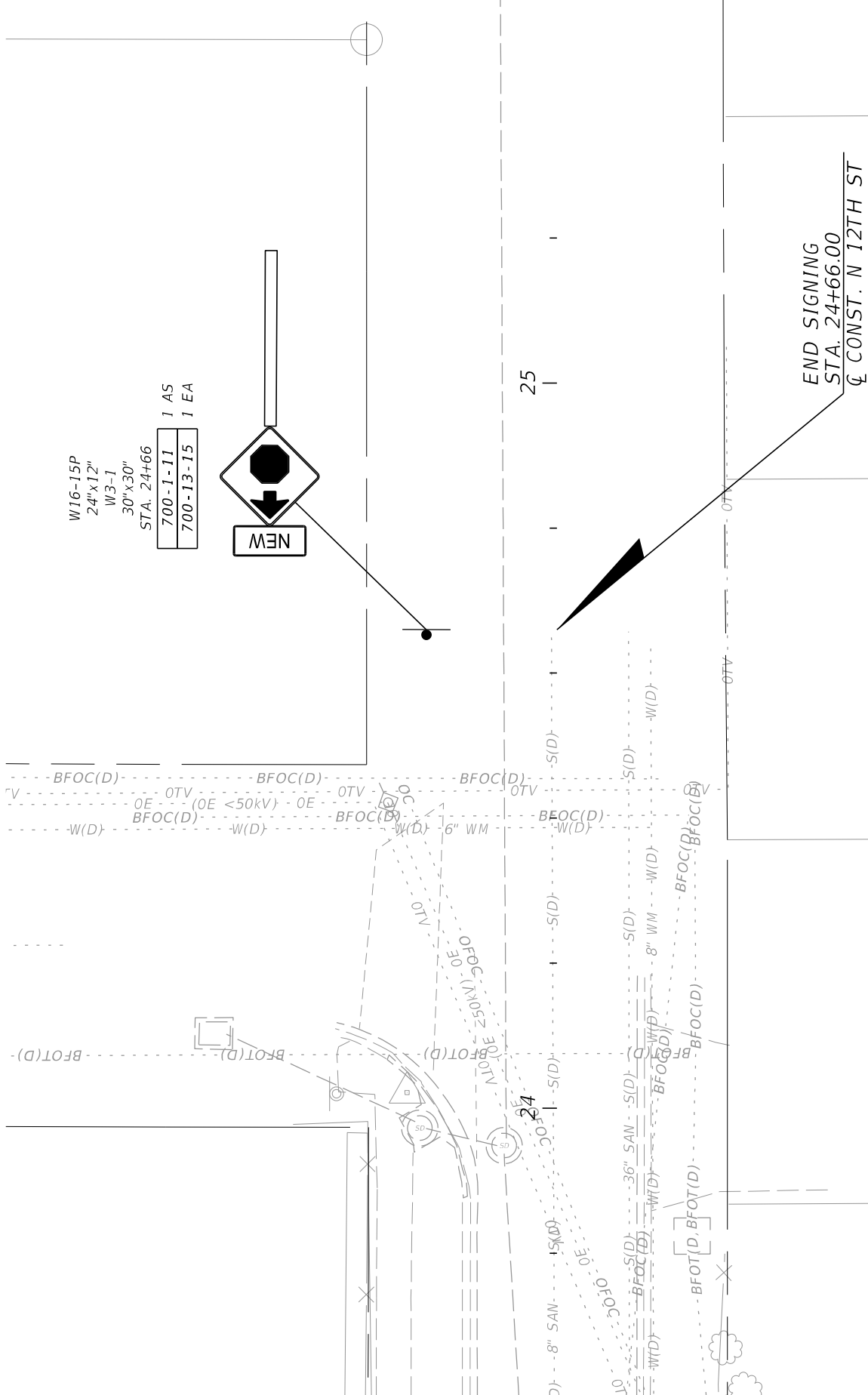
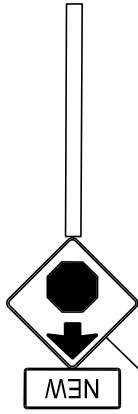
EXIST. R/W LINE

MATCH LINE 20+80.00
SEE SIGNING AND PAVEMENT
MARKING PLAN (3)

N 12TH ST

W116-15P
24"x12"
W3-1
30"x30"
STA. 24+66

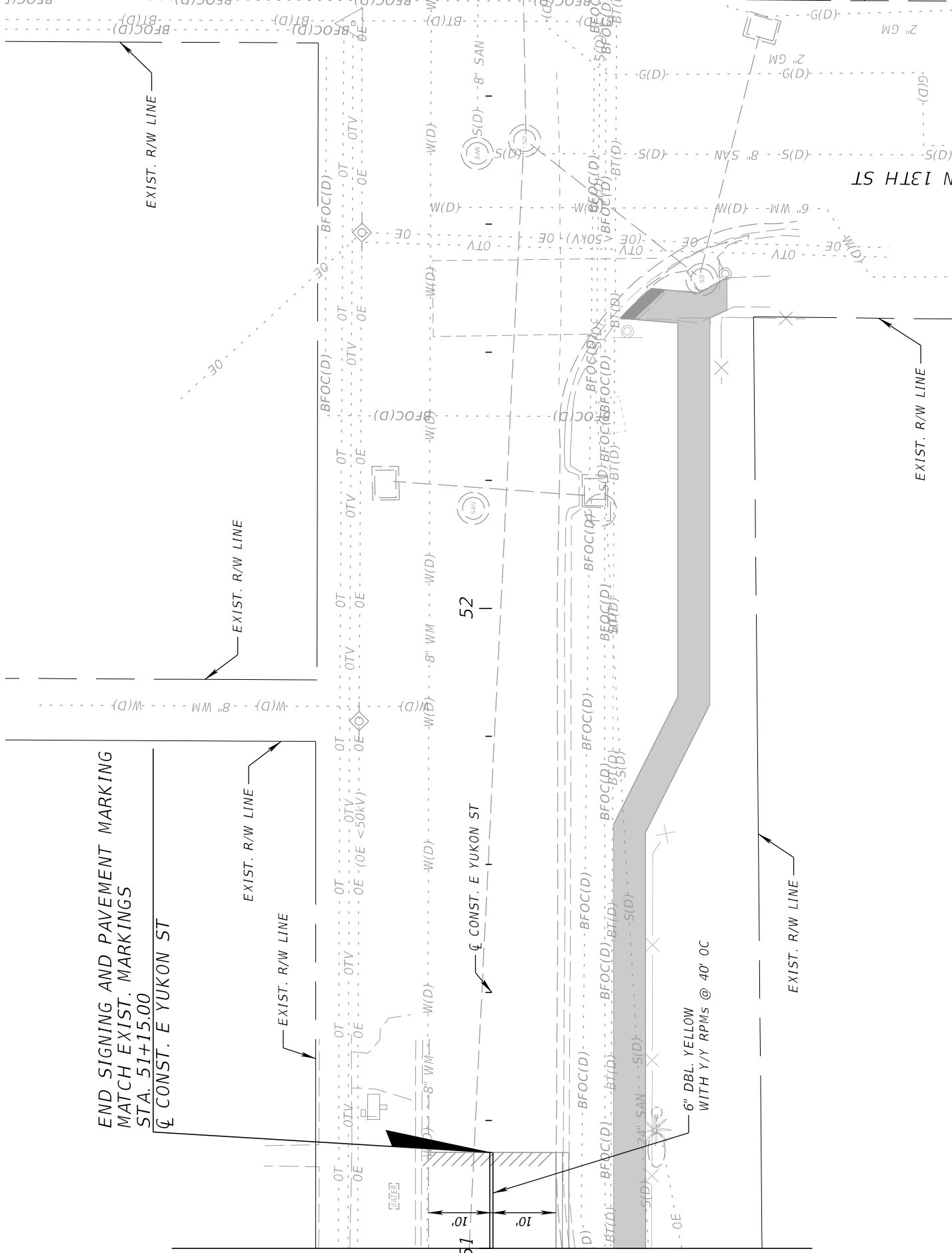
700-1-11	1 AS
700-13-15	1 EA



END SIGNING
STA. 24+66.00
☒ CONST. N 12TH ST

MATCH LINE 23+60.00
SEE SIGNING AND PAVEMENT MARKING PLAN (4)

E YUKON ST



END SIGNING AND PAVEMENT MARKING
 MATCH EXIST. MARKINGS
 STA. 51+15.00
 ♀ CONST. E YUKON ST

EXIST. R/W LINE

EXIST. R/W LINE

♀ CONST. E YUKON ST

EXIST. R/W LINE

EXIST. R/W LINE

MATCH LINE 51+00.00
 SEE SIGNING AND PAVEMENT MARKING PLAN (4)

N 13TH ST

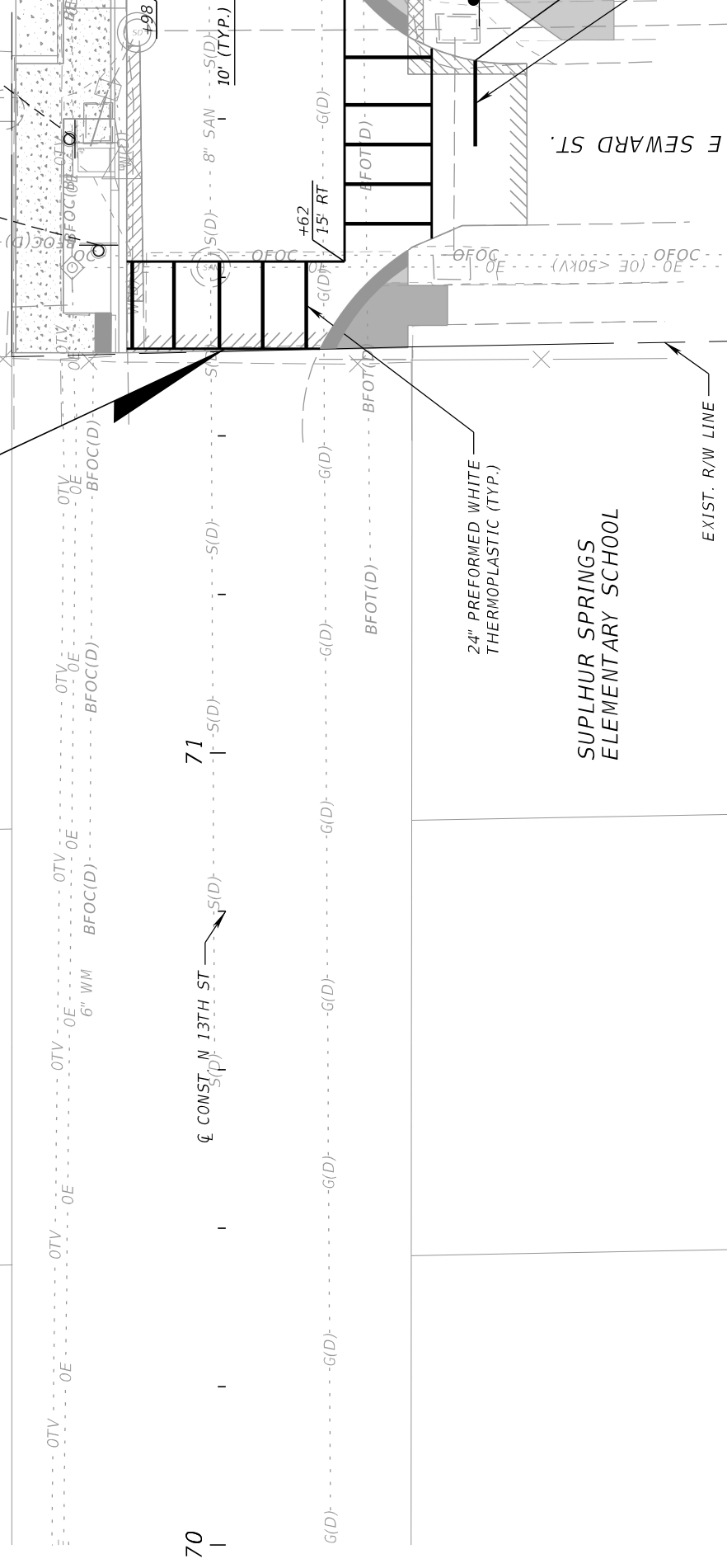
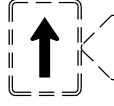
NORMA & JOSEPH ROBINS
PARTNERSHIP LIBRARY @
SULPHUR SPRINGS

SUPLHUR SPRINGS
ELEMENTARY SCHOOL

BEGIN SIGNING AND PAVEMENT MARKING
STA. 71+51.00
± CONST. N 13TH ST

EXIST. SIGN
(TO BE REMOVED)
700-1-60
1 AS

EXIST. SIGN
(TO REMAIN)



24" PREFORMED WHITE
THERMOPLASTIC (TYP.)

SUPLHUR SPRINGS
ELEMENTARY SCHOOL

EXIST. R/W LINE

E SEWARD ST.

E YUKON ST

EXIST. SIGN
(TO REMAIN)

S1-1
36"x36"
W16-9P
24"x12"
STA. 30+53

700-1-11	1 AS
700-13-15	1 EA



BEGIN SIGNING AND PAVEMENT MARKING
STA. 30+53.00

∅ CONST. E YUKON ST

EXIST. R/W LINE

BFOC(D) - BFOC(D)
W(D) - W(D)
OTV - OTV
OE - OE
OFBFC(D) - OFBFC(D)

31

∅ CONST. E. YUKON ST

S(D) - S(D)

BFOC(D) - BFOC(D)

BT(D) - BT(D)

EXIST. R/W LINE

24" PREFORMED WHITE
THERMOPLASTIC (TYP.)

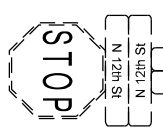


S1-1
36"x36"
W16-7P
24"x12"
STA. 31+53

700-1-11	1 AS
700-13-15	1 EA

EXIST. R/W LINE

N 11TH ST.



N 12th St
E Yukon St
E Yukon St

01

01

+63

10' LT

10'

8" SAN

BFOC(D) - BFOC(D)

BT(D) - BT(D)

30

700-1-11	1 AS
700-13-15	1 EA



S1-1
36"x36"
W16-9P
24"x12"
STA. 30+53