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CONTRACT PLANS COMPONENTS

ROADWAY PLANS

INDEX OF ROADWAY PLANS

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* These sheets are included in the Index of Roadway Plans only to indicate that they are part of the Roadway Plans. These sheets are contained in a separate digitally signed and sealed document.

GOVERNING DESIGN STANDARDS:

Engineering Design Handbook and Construction Standards for the City of Boynton Beach
Department of Public Works Engineering Division dated February 2003, Supplement #1, 2010.

Florida Department of Transportation, FY2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Manual on Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways ("Florida Greenbook") dated 2018.

GOVERNING STANDARD SPECIFICATIONS:

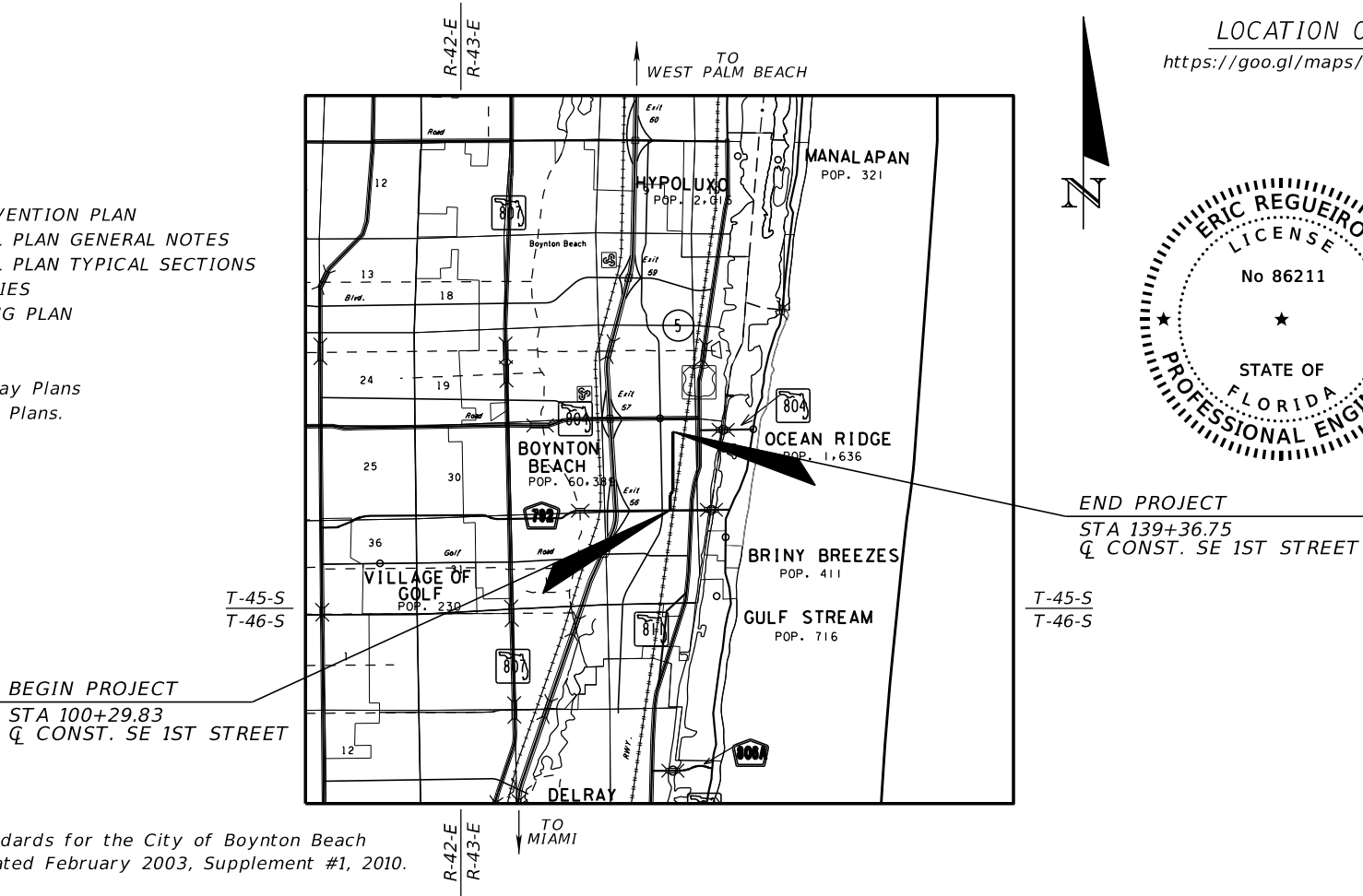
Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CITY OF BOYNTON BEACH
PUBLIC WORKS AND
ENGINEERING DEPARTMENT

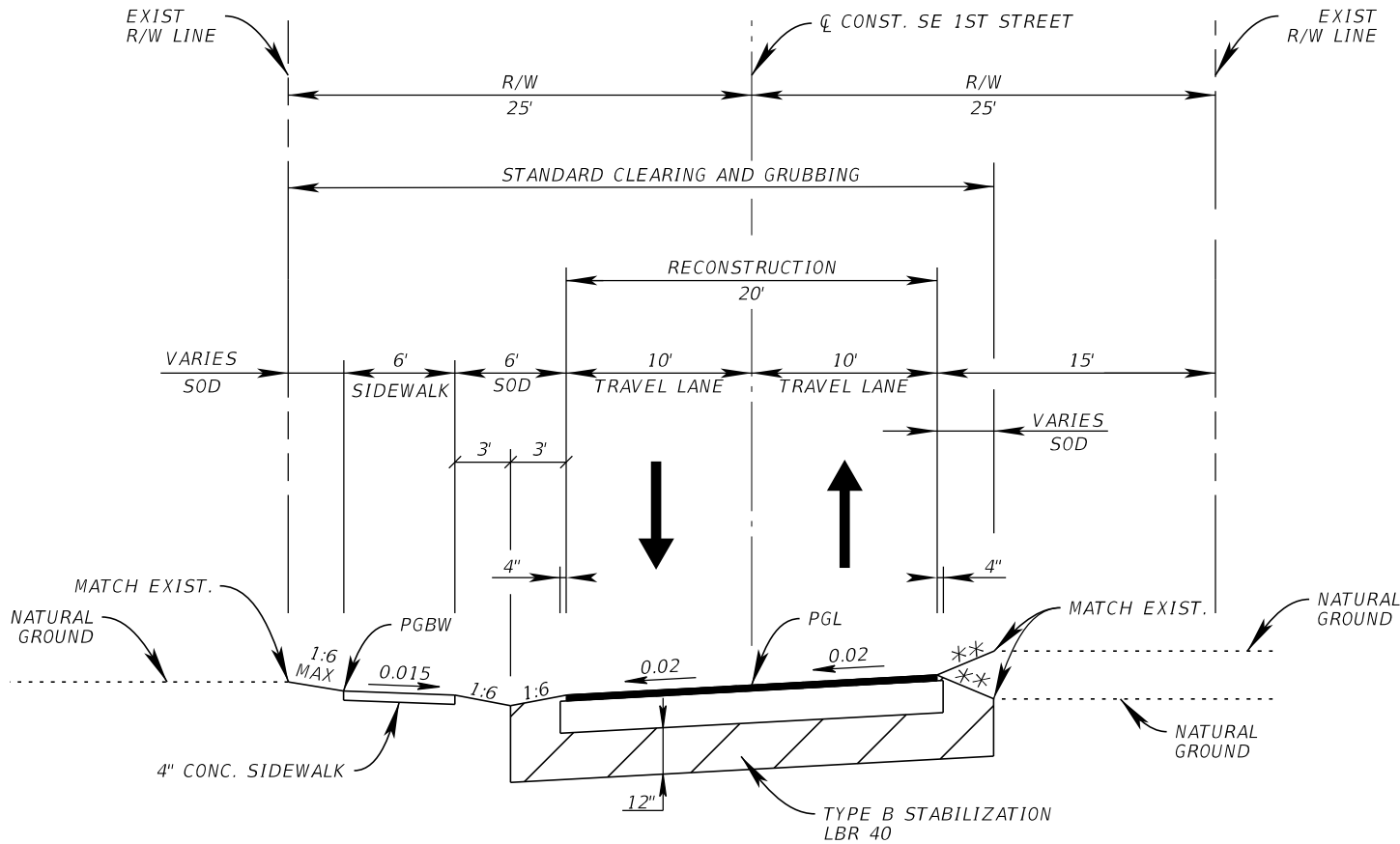
CONTRACT PLANS

SE 1ST STREET
FROM EAST WOOLBRIGHT ROAD
TO SE 2ND AVE

CITY PROJECT NO. UT-1D-02
FM#446078-1-58-01



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TYPICAL SECTION

SE 1ST STREET
FROM E WOOLBRIGHT ROAD
TO SE 14TH AVENUE
STA 100+29.83 TO STA 103+00.00
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

** 1:6 PREFERRED, 1:4 (MAX) OR TO SUIT PROPERTY OWNER

PAVEMENT RECONSTRUCTION

TYPE B STABILIZATION
OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND TACK COAT WITH MULTIPLE LIFTS

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
BOYNTON BEACH
FLORIDA

TYPICAL SECTION

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE
N.T.S.
DESIGNED BY
ER
DRAWN BY
BCK
CHECKED BY
MHM
DATE
6/26/2023

LICENSED PROFESSIONAL

ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

Kimley»Horn

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1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 0000696

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SHEET NUMBER
3

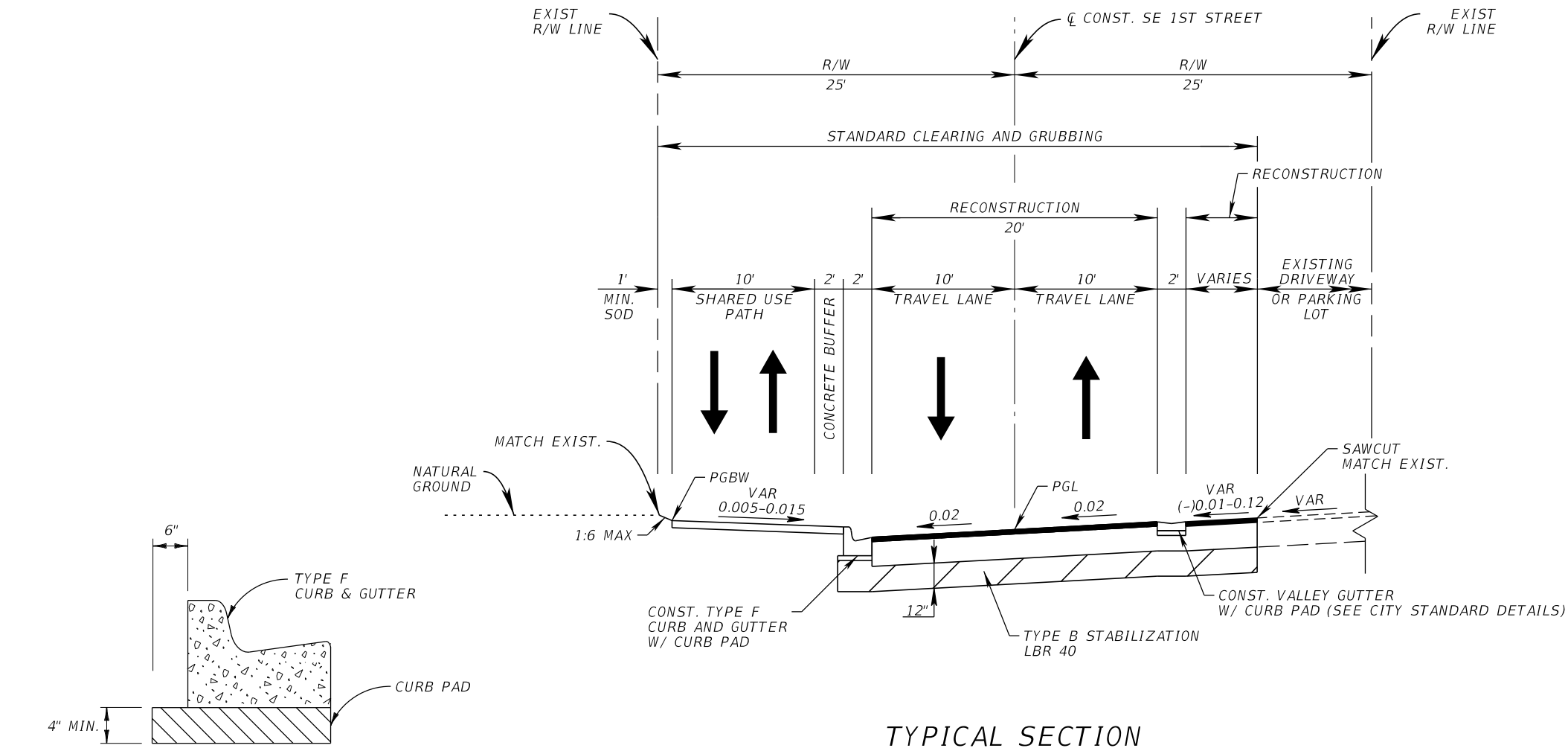
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No.

DATE

BY

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CURB PAD DETAIL
N.T.S.

SE 1ST STREET
FROM SE 14TH AVENUE
TO SE 12TH AVENUE
STA 103+00.00 TO STA 110+00.00

DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

NOTES:

1. NONE OF THE EXISTING BASEROCK REMOVED IS TO BE USED IN THE CONSTRUCTION OF THE NEW BASEROCK.
2. ALL PAVED AREAS WITHIN THE PROJECT LIMITS WHICH ARE NOT SPECIFICALLY COVERED BY A "TYPICAL SECTION" SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PAVEMENT SPECIFICATIONS INDICATED HEREIN, UNLESS OTHERWISE NOTED.
3. CROSS SLOPE TRANSITION OF 50' MINIMUM SHALL BE PROVIDED TO TRANSITION FROM EXISTING TO PROPOSED CROSS SLOPE.
4. CURB PADS ARE REQUIRED AT ALL CURB AND GUTTER LOCATIONS. THEY SHALL BE CONSTRUCTED OF A MINIMUM 4" OF OPTIONAL BASE GROUP 4 AND EXTEND A MINIMUM OF 6" BEYOND THE BACK OF CURB AND GUTTER. COST OF CURB PAD SHALL BE INCLUDED IN THE PRICE FOR OPTIONAL BASE GROUP 4.

PAVEMENT RECONSTRUCTION

TYPE B STABILIZATION
OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND TACK COAT WITH MULTIPLE LIFTS

SHARED USE PATH

4" CONCRETE (6" AT DRIVEWAYS)

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

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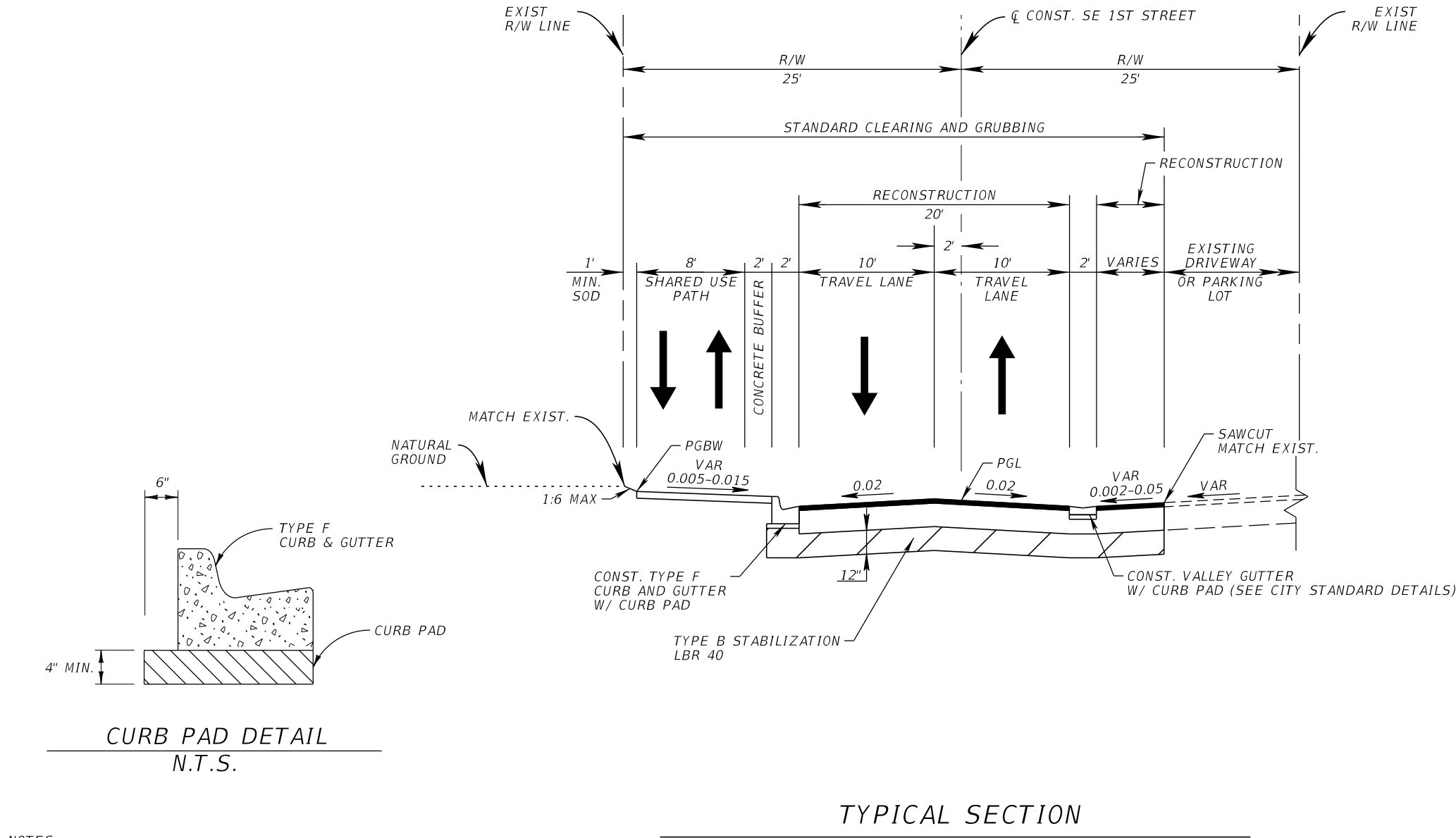
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4

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NOTES:

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2. ALL PAVED AREAS WITHIN THE PROJECT LIMITS WHICH ARE NOT SPECIFICALLY COVERED BY A "TYPICAL SECTION" SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PAVEMENT SPECIFICATIONS INDICATED HEREIN, UNLESS OTHERWISE NOTED.
3. CROSS SLOPE TRANSITION OF 50' MINIMUM SHALL BE PROVIDED TO TRANSITION FROM EXISTING TO PROPOSED CROSS SLOPE.
4. CURB PADS ARE REQUIRED AT ALL CURB AND GUTTER LOCATIONS. THEY SHALL BE CONSTRUCTED OF A MINIMUM 4" OF OPTIONAL BASE GROUP 4 AND EXTEND A MINIMUM OF 6" BEYOND THE BACK OF CURB AND GUTTER. COST OF CURB PAD SHALL BE INCLUDED IN THE PRICE FOR OPTIONAL BASE GROUP 4.

SE 1ST STREET
FROM SE 12TH AVENUE
TO SE 10TH AVENUE
STA 110+00.00 TO STA 114+70.00

DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

PAVEMENT RECONSTRUCTION

TYPE B STABILIZATION
OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND TACK COAT WITH MULTIPLE LIFTS

SHARED USE PATH

4" CONCRETE (6" AT DRIVEWAYS)

TYPICAL SECTION

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
5

FINANCIAL PROJECT ID
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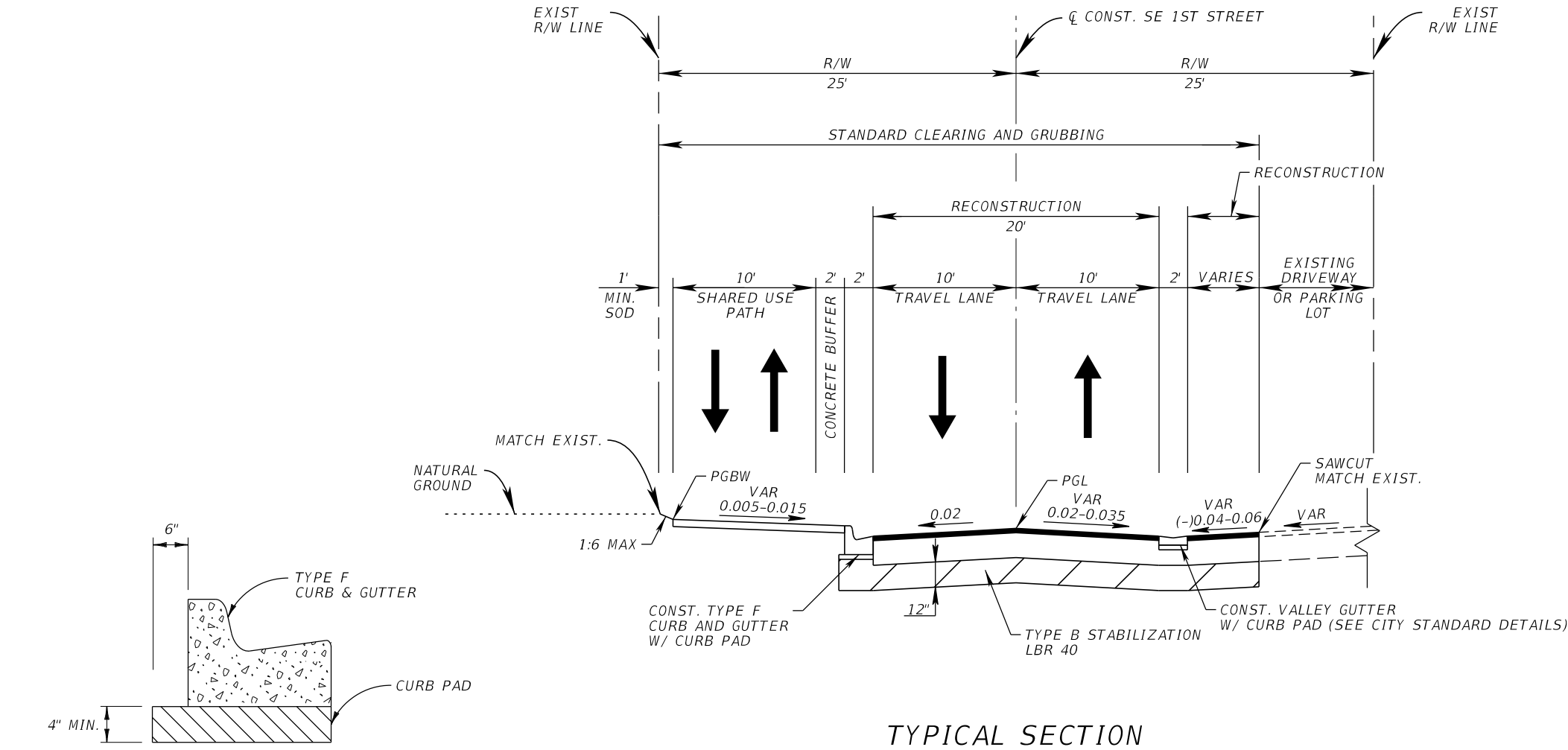
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ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
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CURB PAD DETAIL
N.T.S.

NOTES:

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3. CROSS SLOPE TRANSITION OF 50' MINIMUM SHALL BE PROVIDED TO TRANSITION FROM EXISTING TO PROPOSED CROSS SLOPE.
4. CURB PADS ARE REQUIRED AT ALL CURB AND GUTTER LOCATIONS. THEY SHALL BE CONSTRUCTED OF A MINIMUM 4" OF OPTIONAL BASE GROUP 4 AND EXTEND A MINIMUM OF 6" BEYOND THE BACK OF CURB AND GUTTER. COST OF CURB PAD SHALL BE INCLUDED IN THE PRICE FOR OPTIONAL BASE GROUP 4.

DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

PAVEMENT RECONSTRUCTION

TYPE B STABILIZATION
OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND TACK COAT WITH MULTIPLE LIFTS

SHARED USE PATH

4" CONCRETE (6" AT DRIVEWAYS)

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

TYPICAL SECTION

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ERIC REQUIERO
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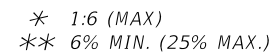
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SHEET NUMBER
6

REVISIONS

DATE

BY



SE 1ST STREET
FROM SE 6TH AVENUE
TO SE 2ND AVENUE
STA 127+00.00 TO STA 139+36.75
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH

TYPE SP STRUCTURAL COURSE (TRAFFIC C)
VARIABLE DEPTH (1" MIN.)

MILL EXISTING ASPHALT
PAVEMENT (1/2")

TYPE B STABILIZATION
OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
AND TACK COAT WITH MULTIPLE LIFTS

4" CONCRETE (6" AT DRIVEWAYS)

- NOTES:
1. NONE OF THE EXISTING BASEROCK REMOVED IS TO BE USED IN THE CONSTRUCTION OF THE NEW BASEROCK.
 2. ALL PAVED AREAS WITHIN THE PROJECT LIMITS WHICH ARE NOT SPECIFICALLY COVERED BY A "TYPICAL SECTION" SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PAVEMENT SPECIFICATIONS INDICATED HEREIN, UNLESS OTHERWISE NOTED.
 3. CROSS SLOPE TRANSITION OF 50' MINIMUM SHALL BE PROVIDED TO TRANSITION FROM EXISTING TO PROPOSED CROSS SLOPE.
 4. CURB PADS ARE REQUIRED AT ALL CURB AND GUTTER LOCATIONS. THEY SHALL BE CONSTRUCTED OF A MINIMUM 4" OF OPTIONAL BASE GROUP 4 AND EXTEND A MINIMUM OF 6" BEYOND THE BACK OF CURB AND GUTTER. COST OF CURB PAD SHALL BE INCLUDED IN THE PRICE FOR OPTIONAL BASE GROUP 4.

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TYPICAL SECTION

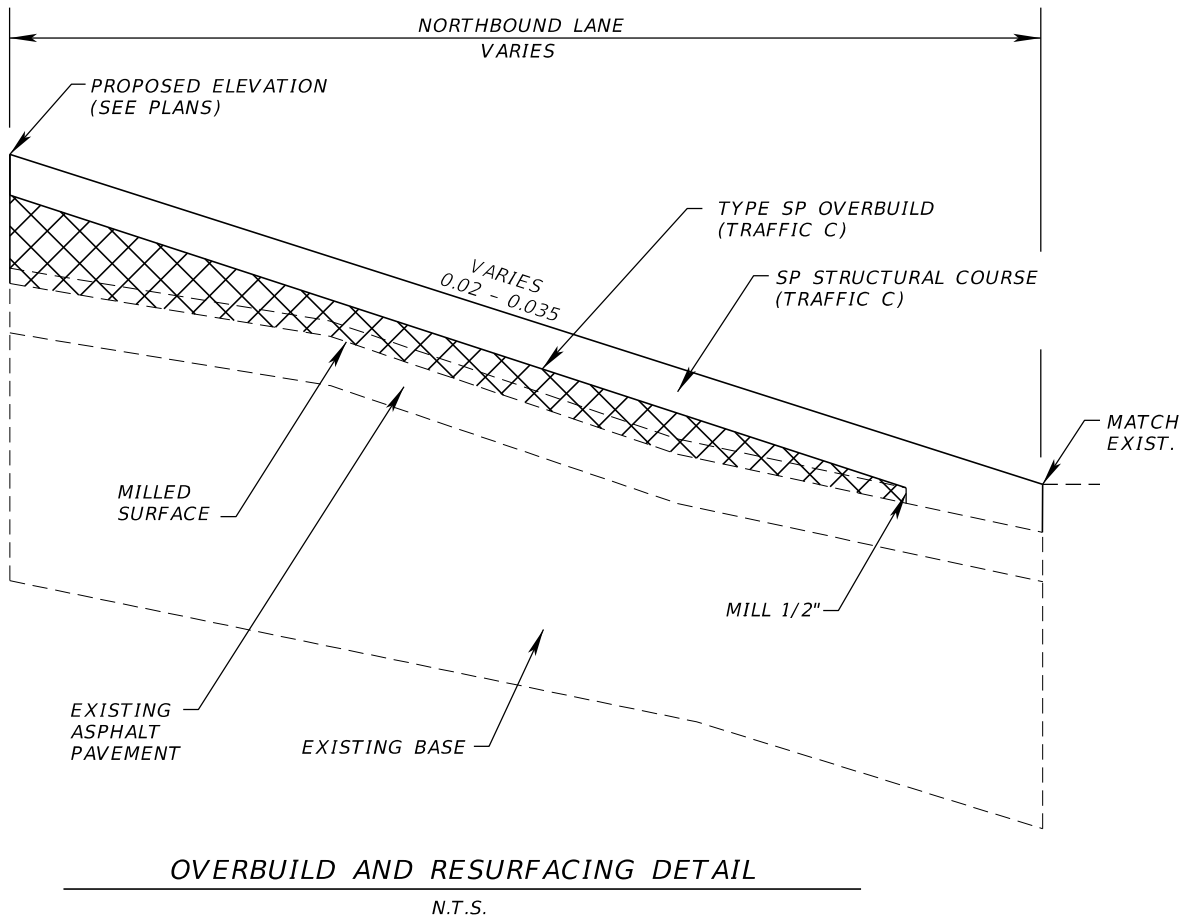
SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
BOYNTON BEACH
FLORIDA

SHEET NUMBER
7

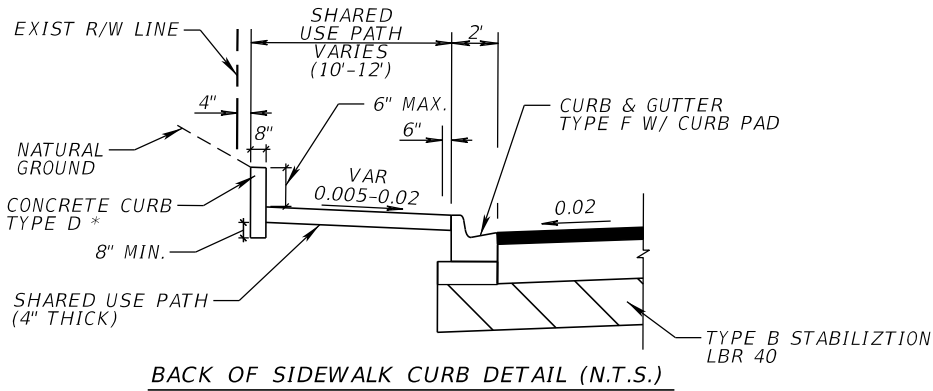
BEACH	FLORIDA	CHECKED BY	DATE: 6/26/2025
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NOTE:
APPLICABLE FOR BOTH THE NORTHBOUND AND SOUTHBOUND LANES OF SE 1ST STREET.



* COST OF ADDITIONAL 8" WIDTH OF CONCRETE IS INCLUDED IN THE COST OF CONCRETE CURB TYPE D.

OVERBUILD DETAILS							
LOCATION		SIDE	EXIST. SLOPE (%)	PROPOSED SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)
STATION	LANE						
127+00.00	INSIDE LANE	SB	0.7	2.0	2.25	8	2.4
	INSIDE LANE	NB	1.8	2.0	2.25	8	
127+50.00	INSIDE LANE	SB	0.7	2.0	1.50	8	1.3
	INSIDE LANE	NB	2.3	2.0	1.75	8	
128+00.00	INSIDE LANE	SB	1.3	2.0	1.75	8	1.9
	INSIDE LANE	NB	2.0	2.0	1.75	8	
128+50.00	INSIDE LANE	SB	0.7	2.0	3.00	8	3.3
	INSIDE LANE	NB	1.9	2.0	3.00	8	
129+00.00	INSIDE LANE	SB	0.7	2.0	3.00	8	3.6
	INSIDE LANE	NB	2.8	2.0	3.75	8	
129+50.00	INSIDE LANE	SB	0.6	2.0	3.50	8	4.3
	INSIDE LANE	NB	2.5	2.2	4.00	8	
130+00.00	INSIDE LANE	SB	0.1	2.0	3.25	8	3.6
	INSIDE LANE	NB	3.6	3.5	3.50	8	
130+50.00	SE 5TH AVENUE	SB	2.3	0.5	4.00	8	14.0
	INSIDE LANE	SB	0.9	2.0	5.00	8	
	INSIDE LANE	NB	1.6	3.5	5.00	8	
	SE 5TH AVENUE	NB	0.7	1.3	3.25	8	
131+00.00	INSIDE LANE	SB	0.9	2.0	9.00	8	11.1
	INSIDE LANE	NB	2.2	3.5	9.00	8	
131+50.00	INSIDE LANE	SB	0.2	2.0	6.00	8	6.4
	INSIDE LANE	NB	2.1	3.5	6.00	8	
132+00.00	INSIDE LANE	SB	1.6	2.0	3.25	8	3.1
	INSIDE LANE	NB	1.2	3.5	3.25	8	
132+50.00	INSIDE LANE	SB	0.1	2.0	6.00	8	7.0
	INSIDE LANE	NB	2.8	3.5	6.00	8	
133+00.00	INSIDE LANE	SB	3.1	2.0	7.00	8	9.8
	INSIDE LANE	NB	5.2	2.3	9.75	8	
133+50.00	SE 4TH AVENUE	SB	1.5	0.2	3.25	8	14.1
	INSIDE LANE	SB	0.2	2.0	5.25	8	
	INSIDE LANE	NB	2.5	2.0	5.75	8	
	SE 4TH AVENUE	NB	0.2	2.5	5.75	8	
134+00.00	INSIDE LANE	SB	1.3	2.0	7.00	8	8.8
	INSIDE LANE	NB	2.1	2.0	7.00	8	
134+50.00	INSIDE LANE	SB	0.9	2.0	6.25	8	7.7
	INSIDE LANE	NB	2.0	2.0	6.25	8	
135+00.00	INSIDE LANE	SB	1.9	2.0	5.25	8	6.3
	INSIDE LANE	NB	2.1	3.5	5.25	8	
135+50.00	INSIDE LANE	SB	2.3	2.0	3.75	8	4.5
	INSIDE LANE	NB	2.0	3.5	3.75	8	
136+00.00	INSIDE LANE	SB	1.7	2.0	4.75	8	5.7
	INSIDE LANE	NB	1.8	3.1	4.75	8	
136+50.00	INSIDE LANE	NB	2.3	2.0	4.50	8	6.8
	SE 3RD AVENUE	NB	1.9	3.7	4.50	8	
137+00.00	INSIDE LANE	SB	1.2	2.0	1.00	8	0.9
	INSIDE LANE	NB	2.3	2.0	1.00	8	
137+50.00	INSIDE LANE	SB	2.2	2.0	1.25	8	1.4
	INSIDE LANE	NB	2.5	2.0	1.50	8	
138+00.00	INSIDE LANE	SB	3.6	2.0	3.75	8	3.6
	INSIDE LANE	NB	2.6	2.0	2.50	8	
138+50.00	INSIDE LANE	SB	2.2	2.0	3.00	8	3.4
	INSIDE LANE	NB	1.8	2.0	2.75	8	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

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ER
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LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

TYPICAL SECTION
DETAILS

SHEET NUMBER
8

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1. ALL ELEVATIONS ARE REFERENCED FROM THE 1988 NORTH AMERICAN VERTICAL DATUM (NAVD).

2. ALL EXISTING DRAINAGE STRUCTURES, STORM SEWERS, AND PIPES, ETC. WITHIN CONSTRUCTION LIMITS ARE TO REMAIN, UNLESS OTHERWISE NOTED IN THE PLANS. DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS ARE TO BE PROTECTED FROM SEDIMENTATION.

3. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. ALL EXISTING UNDERGROUND AND ABOVEGROUND UTILITIES ARE TO REMAIN, UNLESS OTHERWISE NOTED.

4. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (811) AND UTILITY OWNERS LISTED BELOW TWO BUSINESS DAYS (OR 10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.
- UTILITY/AGENCY OWNERS:

COMPANY

AT&T DISTRIBUTION

CITY OF BOYNTON BEACH

COMCAST

CROWN CASTLE FIBER

FLORIDA POWER & LIGHT

FLORIDA PUBLIC UTILITIES

HOTWIRE COMMUNICATIONS

LUMEN (FKA CENTURYLINK)

MCI

PBC TRAFFIC OPERATIONS

RESURGENCE INFRASTRUCTURE

SPRINT

CONTACT

GARCIA RAMNON

MILOT EMILE

STEVEN ROSA

DANNY HASKETT

BREANNA HOLLAWAY

BILLY RODRIGUEZ

WALTER SANCHO-DAVILA

HEATHER BLACKBURN

MARK BRODZINSKI

DANIEL RODRIGUEZ

LAURA GLASS

JON BAKER

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(561) 236-6730

(561) 742-6407

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(561) 616-1639

(561) 537-0468

(954) 699-0900

(800) 778-9140

(561) 254-9008

(561) 681-4365

(850) 826-0846

(321) 280-9596
5. EXISTING CURB AND GUTTER AND SIDEWALK WITHIN THE LIMITS OF THE PROJECT IS TO REMAIN UNLESS OTHERWISE NOTED. PROPOSED SIDEWALK AND CURB AND GUTTER ARE TO CONNECT TO EXISTING SIDEWALK AND CURB AND GUTTER. REMOVE EXISTING CURB AND GUTTER AND SIDEWALK THAT ARE IN CONFLICT WITH PROPOSED CURB AND GUTTER AND SIDEWALK.

6. ALL WORK SHALL BE DONE FROM AND WITHIN THE EXISTING RIGHT-OF-WAY.

7. THE CONTRACTOR IS TO USE EXTREME CARE WHILE EXCAVATING ADJACENT TO EXISTING UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN UTILITY LOCATES PRIOR TO BEGINNING ANY CONSTRUCTION.

8. THE CONTRACTOR SHALL ADJUST ALL SANITARY AND DRAINAGE MANHOLES, AS WELL AS ALL VALVE BOXES WITHIN THE PROJECT LIMITS, TO FINAL GRADE.

9. COORDINATE WITH UTILITY OWNERS/AGENCIES FOR UTILITY ADJUSTMENTS REQUIRED TO BE PERFORMED BY THE UTILITY OWNERS/AGENCIES.

10. THE CONTRACTOR IS RESPONSIBLE FOR RE-STRIPING ANY PAVEMENT MARKINGS DAMAGED DURING CONSTRUCTION, AS DETERMINED BY THE ENGINEER, TO NEW CONDITION.

11. ALL STATIONS AND OFFSETS ARE RELATIVE TO CENTERLINE OF SE 1ST STREET UNLESS OTHERWISE NOTED.

12. ALL TREES WITHIN THE EXISTING RIGHT-OF-WAY ARE TO BE TRIMMED OR REMOVED BY THE CONTRACTOR.

13. SOD SHALL BE INSTALLED SUCH THAT THE TOP OF THE SOD IS FLUSH WITH THE ADJACENT SURFACE.

14. THE CONTRACTOR SHALL REMOVE AND STOCKPILE ALL BRICK PAVERS WITHIN THE CITY OF BOYNTON BEACH RIGHT-OF-WAY. THE PROPERTY OWNER IS TO MAINTAIN OWNERSHIP OF THE STOCKPILED PAVERS.

15. THE CONTRACTOR MUST PROVIDE A PUBLIC INVOLVEMENT LIAISON DURING CONSTRUCTION.

16. THE CONTRACTOR SHALL, PRIOR TO THE REMOVAL OF ANY FENCES, ERECT TEMPORARY FENCES TO SECURE THE OWNER'S PROPERTY. THESE TEMPORARY FENCES SHALL BE OF 4' HIGH WOVEN WIRE (2"X4" GRID), ON THE T LINE POST 10' ON CENTERS. THESE FENCES SHALL RUN ALONG THE RIGHT-OF-WAY LINE AND WILL REMAIN IN PLACE UNTIL THE PERMANENT FENCE IS RE-ERECTED.

17. ONE POTENTIALLY CONTAMINATED SITE LOCATED WITHIN A 500-FT RADIUS OF THE PROJECT CORRIDOR HAS BEEN IDENTIFIED AT 1331-1415 SOUTH FEDERAL HIGHWAY IN BOYNTON BEACH, FL. THE CONTRACTOR SHALL NOTIFY THE CITY OF BOYNTON BEACH ENGINEER FOR TECHNICAL ASSISTANCE BEFORE APPLYING FOR A DEWATERING PERMIT FROM ANY ENVIRONMENTAL REGULATORY AGENCY TO AVOID POTENTIAL POTENTIAL CONTAMINATION PLUME EXACERBATION AND DETERMINE PROPER GROUNDWATER MANAGEMENT ASSOCIATED WITH THE FOLLOWING AREA: STA. 100+29.83 TO STA. 114+40.00.

18. A COORDINATION MEETING BETWEEN THE CITY OF BOYNTON BEACH ENGINEER OR A DESIGNATED QUALIFIED ENVIRONMENTAL INDIVIDUAL/CONSULTANT AND THE CONTRACTOR SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION TO COORDINATE ACTIVITIES WITHIN THE ABOVE MENTIONED AREA.

19. THE LOCATION OF THE EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF OTHER UTILITIES (NOT SHOWN ON THE PLAN) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE CITY AND NOTIFY THE RESPECTIVE UTILITY OWNER TO RESOLVE THE UTILITY CONFLICTS AND THE UTILITY ADJUSTMENTS AS REQUIRED.
20. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER OF RECORD FOR SANITARY MANHOLES, CATCH BASINS, FIRE HYDRANTS, VALVES AND OTHER ACCESSORIES. CATALOGUE LITERATURE SHALL BE SUBMITTED FOR WATER AND SEWER PIPES, FITTINGS, AND APPURTENANCES. PRIOR TO SUBMITTING SHOP DRAWINGS TO THE ENGINEER, THE CONTRACTOR SHALL REVIEW AND APPROVE THE DRAWINGS, AND SHALL NOTE IN RED ANY DEVIATIONS FROM THE ENGINEER'S PLANS OR SPECIFICATIONS. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOGUE LITERATURE WILL NOT BE ACCEPTABLE FOR PRECAST STRUCTURES.

CONTAMINATION NOTES

1. WHEN ENCOUNTERING OR EXPOSING ANY ABNORMAL CONDITION INDICATING THE PRESENCE OF A HAZARDOUS OR TOXIC WASTE, OR CONTAMINANTS, CEASE OPERATIONS IMMEDIATELY IN THE VICINITY AND NOTIFY THE CITY OF BOYNTON BEACH ENGINEER. THE PRESENCE OF TANKS OR BARRELS; DISCOLORED EARTH, METAL, WOOD, GROUND WATER, ETC.; VISIBLE FUMES; ABNORMAL ODORS; EXCESSIVELY HOT EARTH; SMOKE; OR OTHER CONDITIONS THAT APPEAR ABNORMAL MAY INDICATE HAZARDOUS OR TOXIC WASTES OR CONTAMINANTS AND MUST BE TREATED WITH EXTREME CAUTION. MAKE EVERY EFFORT TO MINIMIZE THE SPREAD OF CONTAMINATION INTO UNCONTAMINATED AREAS. IMMEDIATELY PROVIDE FOR THE HEALTH AND SAFETY OF ALL WORKERS AT THE JOB SITE AND MAKE PROVISIONS NECESSARY FOR THE HEALTH AND SAFETY OF THE PUBLIC THAT MAY BE EXPOSED TO ANY POTENTIALLY HAZARDOUS CONDITIONS. PROVISIONS SHALL MEET ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS OR CODES COVERING HAZARDOUS CONDITIONS AND WILL BE IN A MANNER COMMENSURATE WITH THE GRAVITY OF THE CONDITIONS.
2. THE CITY OF BOYNTON BEACH ENGINEER WILL COORDINATE AND MOBILIZE A QUALIFIED CONTAMINATION ASSESSMENT/REMEDIATION (CAR) CONTRACTOR. QUALIFICATIONS OF SUCH CAR CONTRACTOR SHALL INCLUDE, BUT NOT BE LIMITED TO: EXPERIENCE AND PERSONNEL TO PREPARE CONTAMINATION ASSESSMENT PLANS, CONDUCT CONTAMINATION ASSESSMENTS, PREPARE SITE ASSESSMENT REPORTS, REMEDIATION PLANS, IMPLEMENT REMEDIAL ACTION PLANS, RISK BASED CORRECTIVE ACTIONS, STORAGE TANKS SYSTEM REMOVAL, HIGHWAY SPILL RESPONSE AS WELL AS EXPERIENCE WITH INFRASTRUCTURE/CONSTRUCTION ACTIVITIES WITHIN (POTENTIALLY) CONTAMINATED AREAS SPECIFIC TO TRANSPORTATION SYSTEMS.
3. ALL THE WORK PERFORMED BY THE CAR CONTRACTOR SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING WORKER SAFETY AND ENVIRONMENTAL REGULATIONS. THIS IS TO INCLUDE OCCUPATIONAL EXPOSURE TO CONTAMINATED SOILS, GROUNDWATER, WASTES AND ATMOSPHERE DURING THE CONSTRUCTION OF ALL FEATURES INCLUDED IN THE CONSTRUCTION PLANS. IN ADDITION, THE CAR CONTRACTOR MUST BE STAFFED WITH FLORIDA LICENSED TECHNICAL PROFESSIONALS (GEOLOGISTS AND ENGINEERS) WHO WILL BE INVOLVED WITH THE PROJECT AND KNOWLEDGEABLE OF THE WORK ACTIVITIES CONDUCTED WITHIN THE IDENTIFIED CONTAMINATED AREAS AND WHO WOULD SIGN AND SEAL PROJECT REPORTS AS REQUIRED FOR SUBMITTAL TO THE APPROPRIATE ENVIRONMENTAL REGULATORY AGENCIES.
4. THE CITY OF BOYNTON BEACH ENGINEER WILL IMMEDIATELY NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT IV CONTAMINATION IMPACT COORDINATOR (DCIC) AT (954) 777-4286 AFTER ENCOUNTERING THE UNIDENTIFIED AREAS OF CONTAMINATION. PRELIMINARY INVESTIGATION BY THE CAR CONTRACTOR WILL DETERMINE THE COURSE OF ACTION NECESSARY FOR SITE SECURITY AND THE STEPS NECESSARY UNDER APPLICABLE LAWS, RULES, AND REGULATIONS FOR ADDITIONAL ASSESSMENT AND/OR REMEDIATION WORK TO RESOLVE THE CONTAMINATION ISSUE. FOLLOWING COMPLETION OF THE PROJECT, THE CAR CONTRACTOR SHALL BE REQUIRED TO PROVIDE COPIES OF ALL REPORTS SUBMITTED TO REGULATORY AGENCIES, WASTE MATERIAL PROFILES, MANIFESTS AND/OR DISPOSAL RECEIPTS FOR THE HANDLING OF ALL CONTAMINATED MEDIA INCLUDING BUT NOT LIMITED TO GROUND WATER, WASTE WATER, SOILS, SOLID WASTES, SLUDGE, HAZARDOUS WASTES, AIR MONITORING RECORDS AND SAMPLE RESULTS FOR ALL MATERIALS TESTED AND ANALYZED TO THE CITY OF BOYNTON BEACH ENGINEER AND THE FDOT DCIC.

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA
BOYNTON BEACH

SHEET NUMBER
10

GENERAL NOTES

FINANCIAL PROJECT ID
446078-1-58--01

DATE
JUNE 2023

SCALE
N.T.S.

DESIGNED BY
ER

DRAWN BY
BCK

CHECKED BY
MHM

LICENSED PROFESSIONAL
ERIC REQUIERO

FLORIDA LICENSE NUMBER
PE # 86211

DATE
6/26/2023

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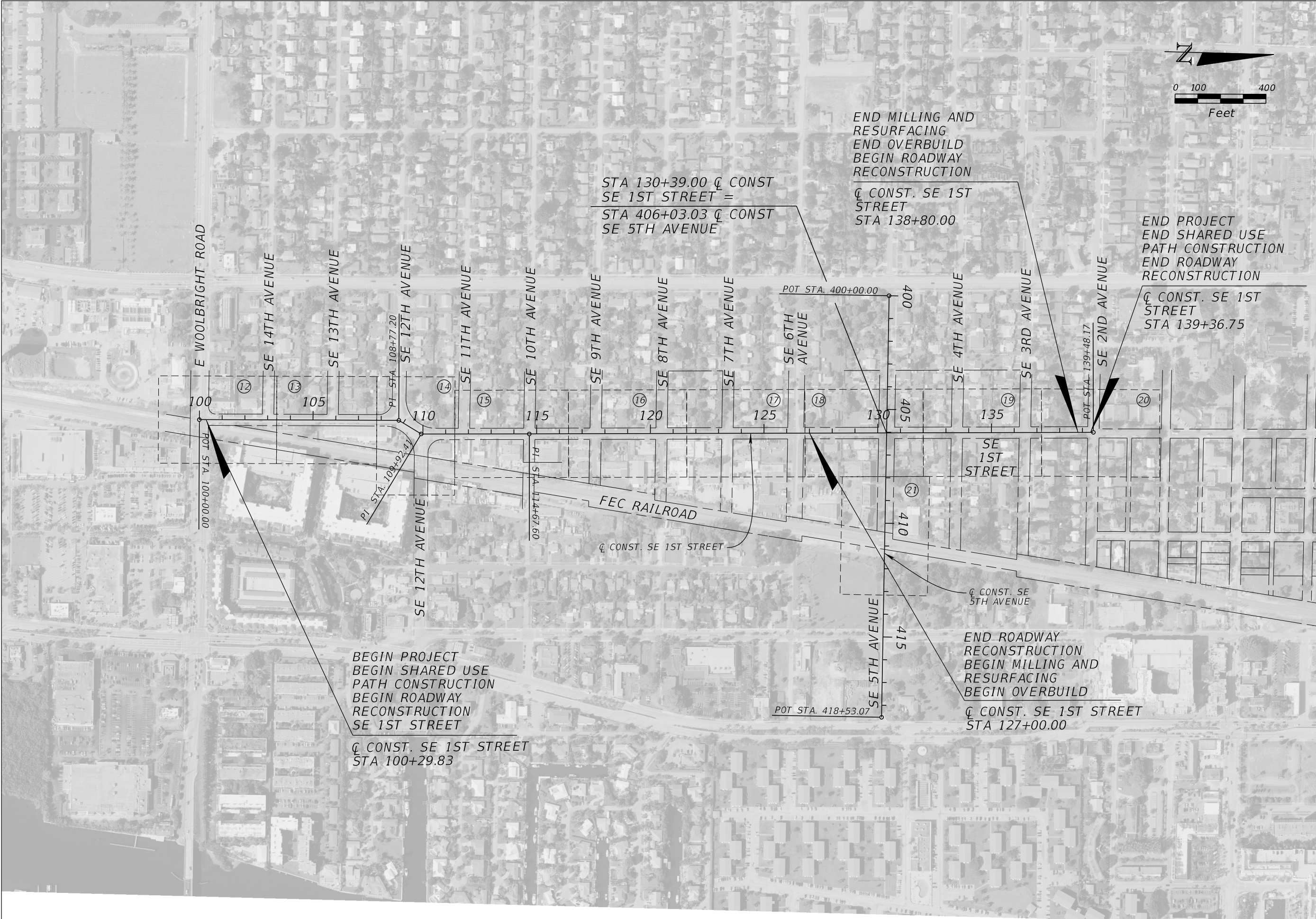
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DATE

BY

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SE 1ST STREET SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF BOYNTON BEACH BOYNTON BEACH FLORIDA		PROJECT LAYOUT		FINANCIAL PROJECT ID 446078-1-58-01		LICENSED PROFESSIONAL		Kimley»Horn © 2017 KIMLEY-HORN AND ASSOCIATES, INC. 1920 MEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411 PH: 561-841-1100 FAX: 561-841-1175 WWW.KIMLEY-HORN.COM CA 00000696		No.	REVISIONS	DATE	BY
				DATE JUNE 2023		ERIC REQUIRO							
				SCALE 1" = 400'		FLORIDA LICENSE NUMBER							
				DESIGNED BY ER		PE # 86211							
				DRAWN BY BCK		DATE: 6/26/2023							
				CHECKED BY MHM									

6/14/2023 2:46:40 PM K:\WPB_Design\044349028_SE 1st Street Final Design\044349028\roadway\Plan\PLANRD01.dgn Brandon Kern

BEGIN PROJECT
BEGIN SHARED USE
PATH CONSTRUCTION
BEGIN ROADWAY
RECONSTRUCTION
SE 1ST STREET

CONST. SE 1ST STREET
STA 100+29.83

STA 100+00.00 CONST
SE 1ST STREET =
STA 5+64.78 CONST
E WOOLBRIGHT ROAD

1. ADJUST MANHOLE
2. ADJUST VALVE

NOTE:

1. EXISTING DRAINAGE STRUCTURE (TO REMAIN), WITH
TYPE F FLUME STANDARD PLANS INDEX 520-010

LEGEND



DENOTES ASPHALT
PAVEMENT CONSTRUCTION

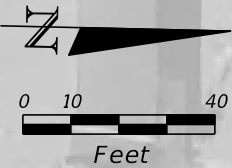


DENOTES DETECTABLE
WARNING



DENOTES CONCRETE
DRIVEWAY RECONSTRUCTION

SE 1ST STREET FIRE HYDRANTS		
DESCRIPTION	STATION	OFFSET
FIRE HYDRANT, INSTALL	103+25.50	64.41' (LT)



MATCH LINE STA. 103+40.00

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
12

ROADWAY PLAN

FINANCIAL PROJECT ID	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
446078-1-58-01	JUNE 2023	1" = 40'	ER	BCK	MHM

LICENSED PROFESSIONAL	DATE
ERIC REQUEIRO	6/26/2023

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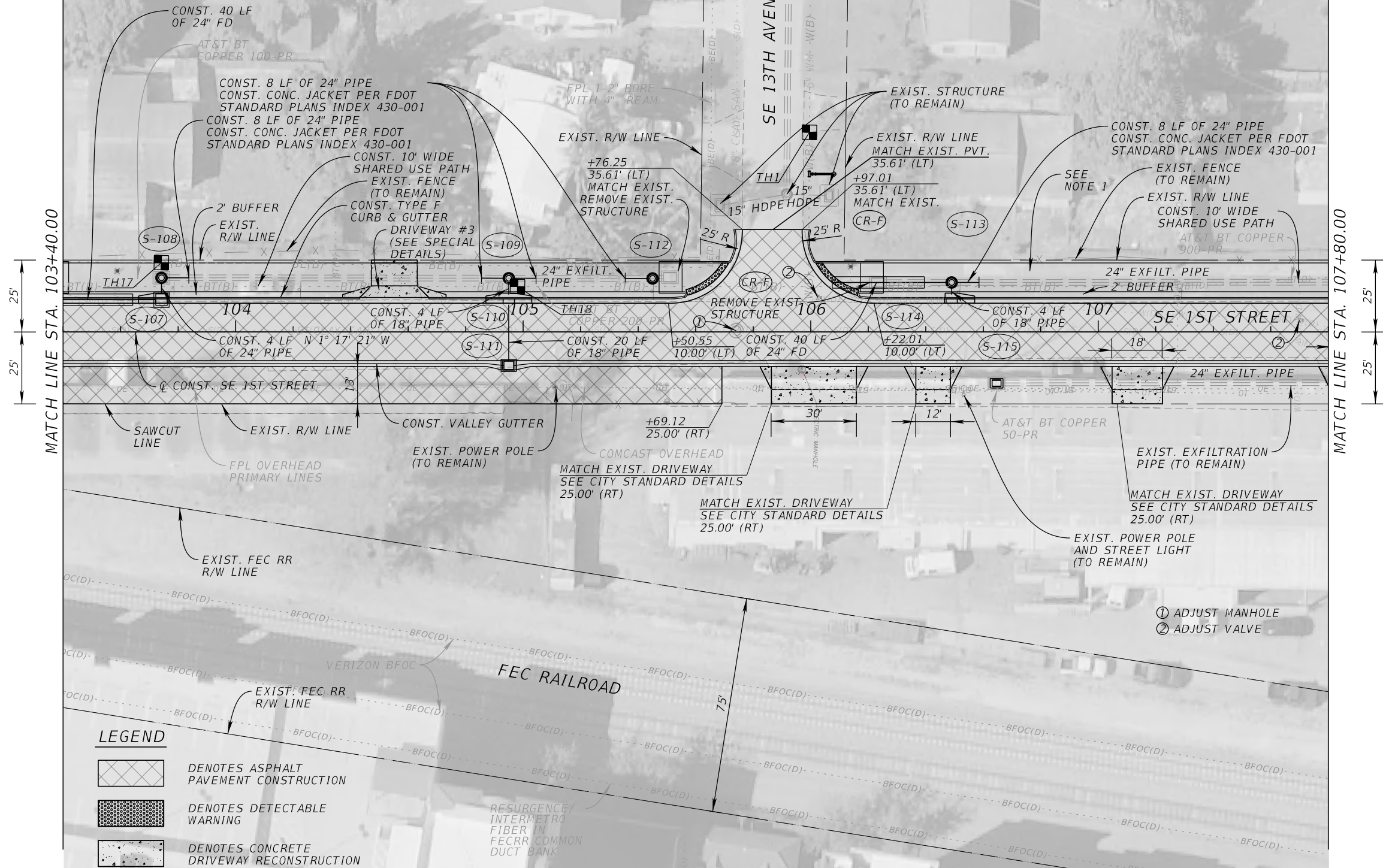
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1. EXISTING SIDEWALK BETWEEN SW 13TH AVENUE AND SE 12TH AVENUE WAS REMOVED AS PART OF THE CITY OF BOYNTON BEACH'S STORMWATER IMPROVEMENT PROJECT.

SE 1ST STREET FIRE HYDRANTS		
DESCRIPTION	STATION	OFFSET
FIRE HYDRANT, REMOVE	103+58.91	21.24' (LT)
FIRE HYDRANT, INSTALL	106+08.16	54.92' (LT)
FIRE HYDRANT, REMOVE	106+13.96	22.77' (LT)



**SE 1ST STREET
SIDEWALK
IMPROVEMENTS**
PREPARED FOR
CITY OF BOYNTON BEACH
BOYNTON BEACH FLORIDA

ROADWAY PLAN

FINANCIAL PROJECT ID 446078-11-58-01	DATE JUNE 2023	ERIC REQUIERO	LICENSED PROFESSIONAL
SCALE 1" = 40'	DESIGNED BY ER	FLORIDA LICENSE NUMBER	
DRAWN BY BCK	PE # 86211		
CHECKED BY MMH	DATE: 6/26/2023		

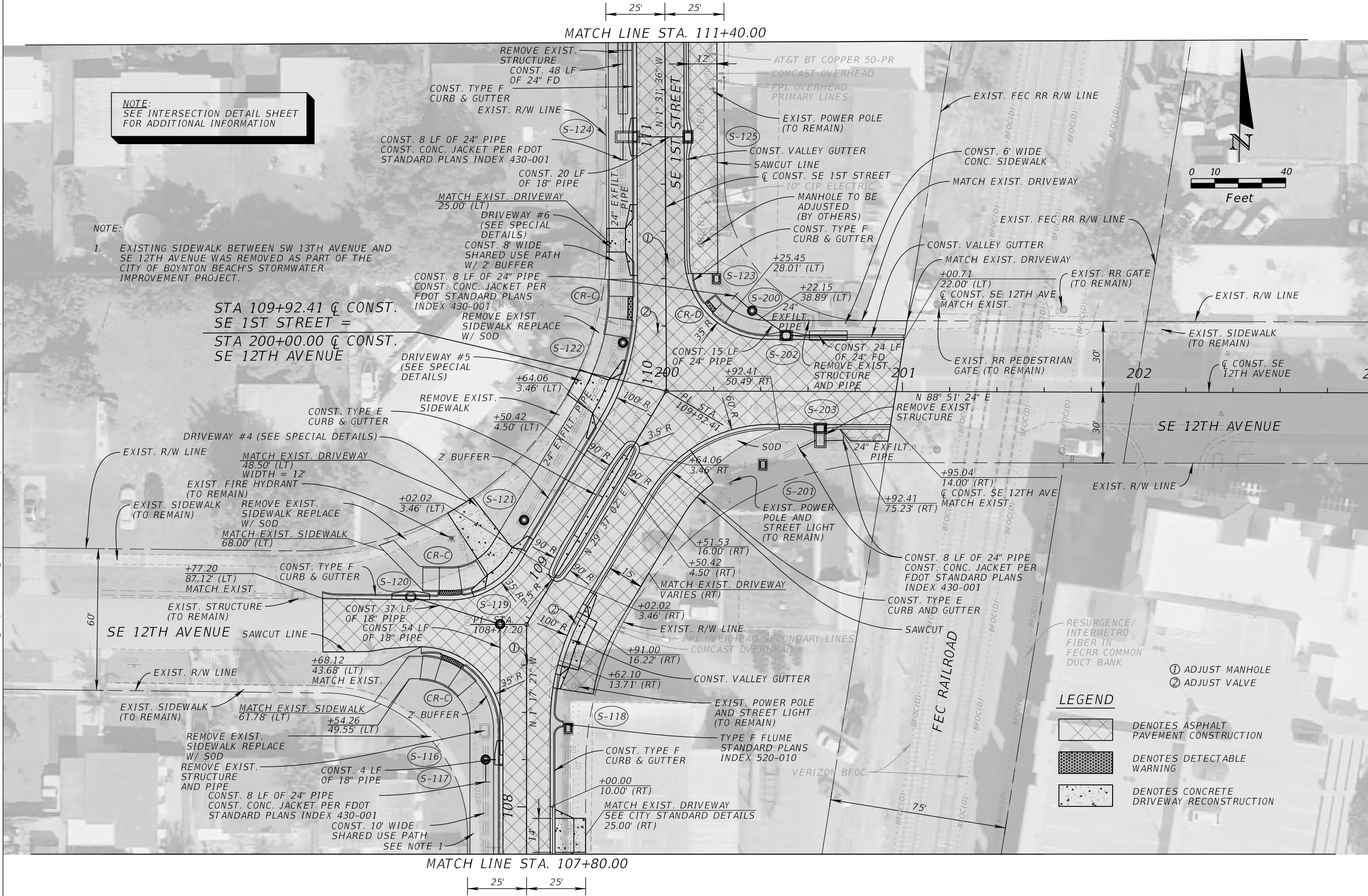
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No.	REVISIONS	DATE	BY
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SHEET NUMBER
14

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

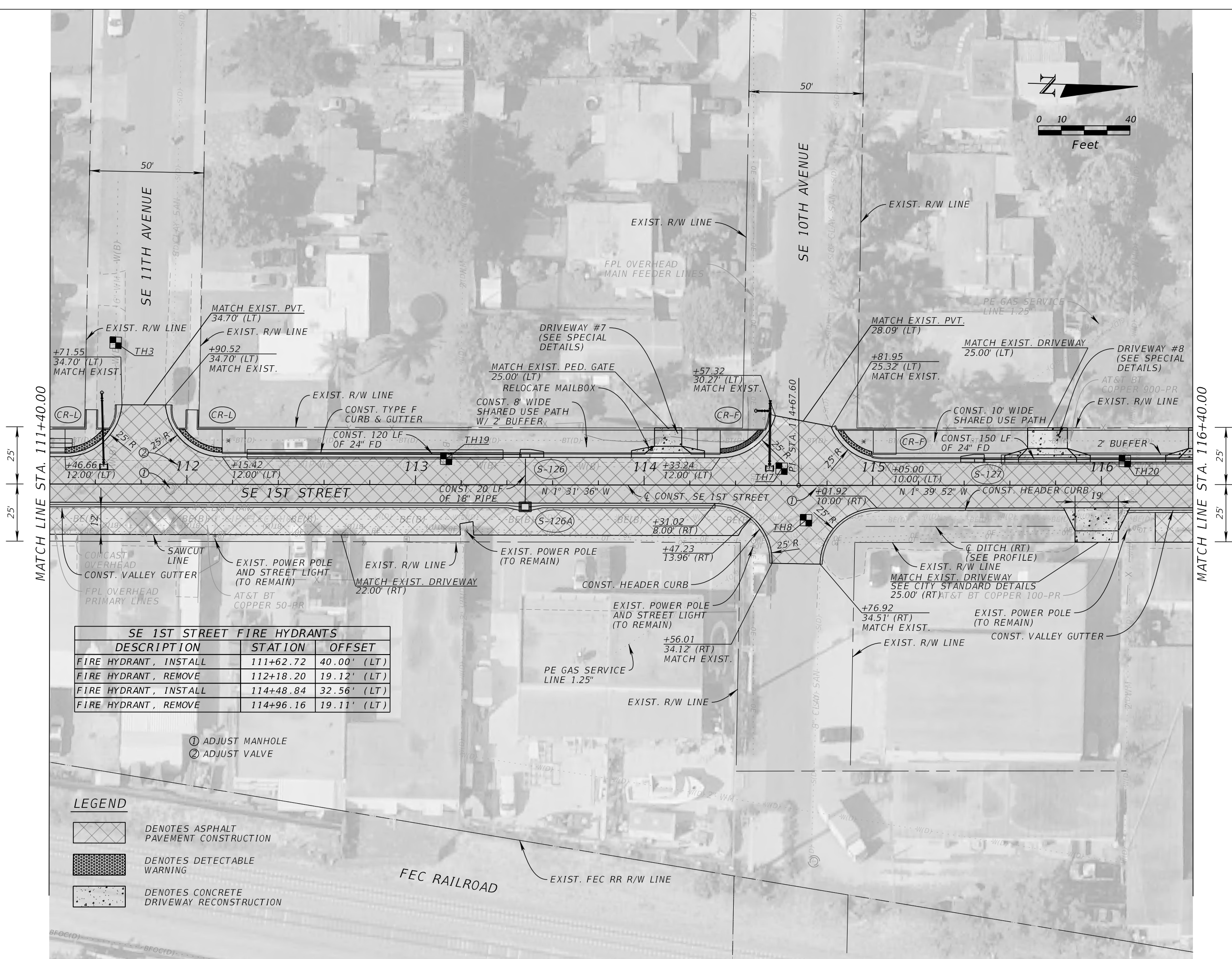
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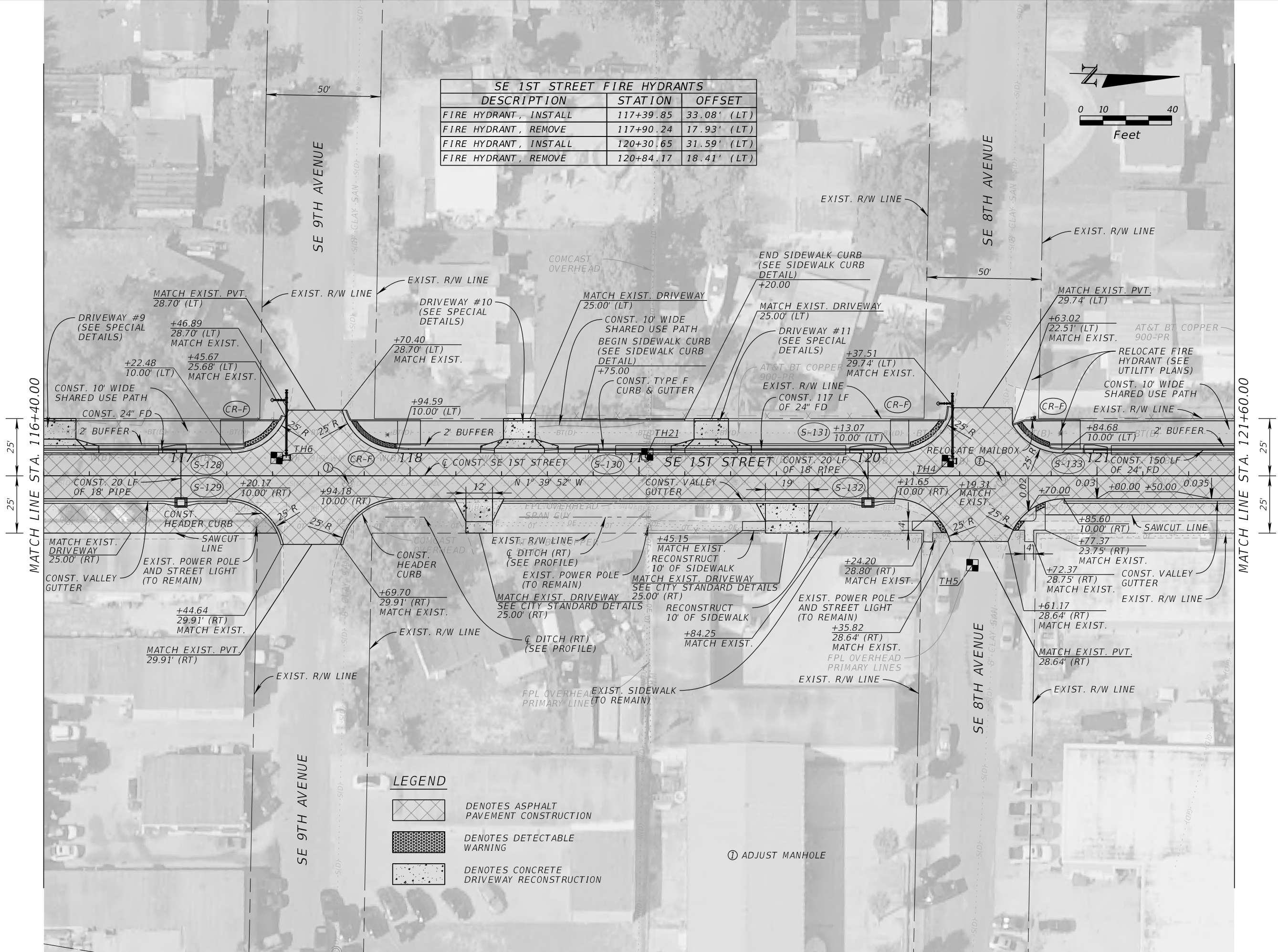
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446078-1-58-01
DATE
JUNE 2023
SCALE
1" = 40'
DESIGNED BY
ER
DRAWN BY
BCK
CHECKED BY
MHM

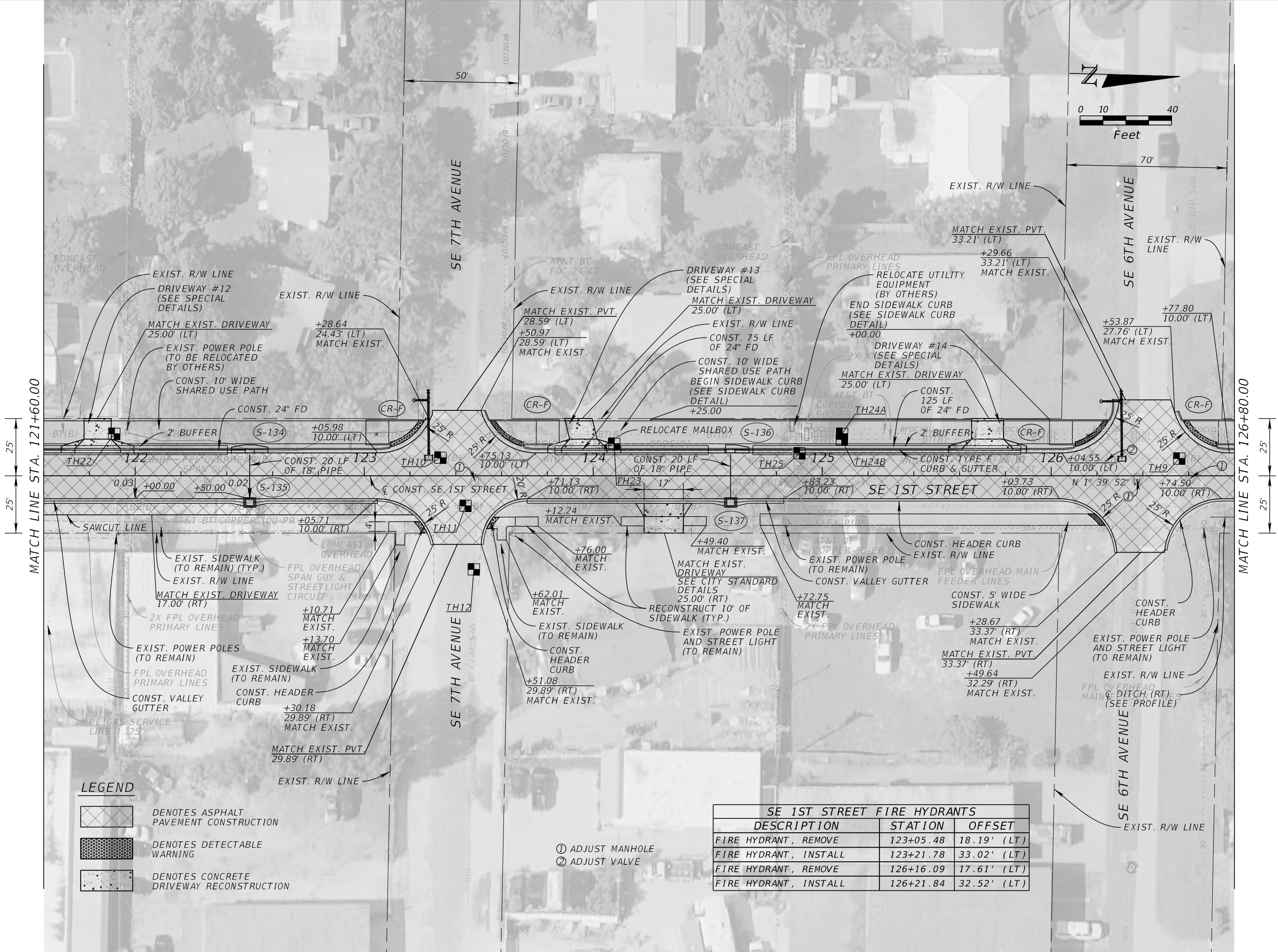
LICENSED PROFESSIONAL
ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE
6/26/2023

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DATE
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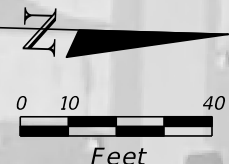


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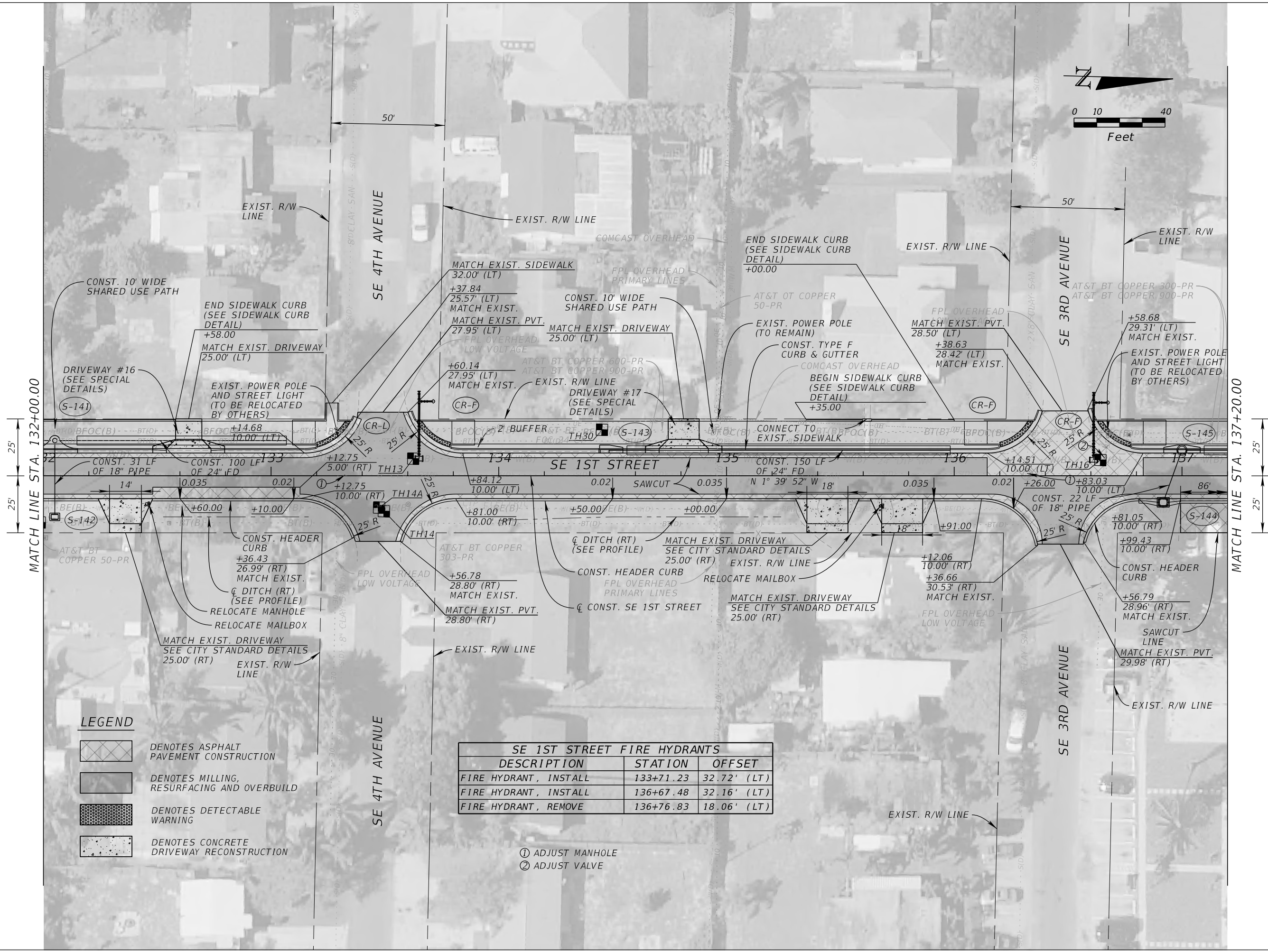
- DENOTES ASPHALT PAVEMENT CONSTRUCTION
- DENOTES DETECTABLE WARNING
- DENOTES CONCRETE DRIVEWAY RECONSTRUCTION

- ① ADJUST MANHOLE
- ② ADJUST VALVE

SE 1ST STREET FIRE HYDRANTS		
DESCRIPTION	STATION	OFFSET
FIRE HYDRANT, REMOVE	123+05.48	18.19' (LT)
FIRE HYDRANT, INSTALL	123+21.78	33.02' (LT)
FIRE HYDRANT, REMOVE	126+16.09	17.61' (LT)
FIRE HYDRANT, INSTALL	126+21.84	32.52' (LT)



SE 1ST STREET FIRE HYDRANTS		
DESCRIPTION	STATION	OFFSET
FIRE HYDRANT, INSTALL	130+61.27	31.49' (LT)
FIRE HYDRANT, REMOVE	130+81.39	18.52' (LT)



LEGEND

- DENOTES ASPHALT PAVEMENT CONSTRUCTION
- DENOTES MILLING, RESURFACING AND OVERBUILD
- DENOTES DETECTABLE WARNING
- DENOTES CONCRETE DRIVEWAY RECONSTRUCTION

SE 1ST STREET FIRE HYDRANTS		
DESCRIPTION	STATION	OFFSET
FIRE HYDRANT, INSTALL	133+71.23	32.72' (LT)
FIRE HYDRANT, INSTALL	136+67.48	32.16' (LT)
FIRE HYDRANT, REMOVE	136+76.83	18.06' (LT)

- ① ADJUST MANHOLE
- ② ADJUST VALVE

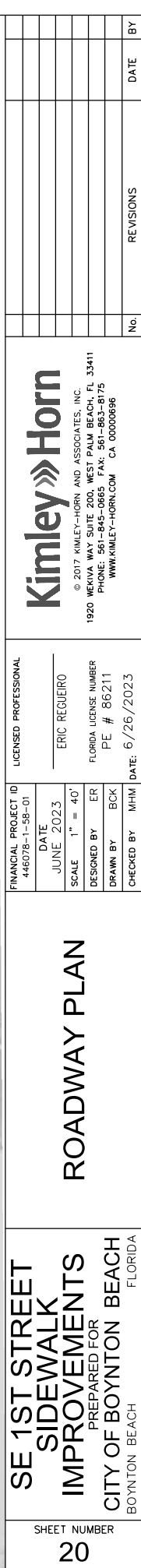
SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

ROADWAY PLAN

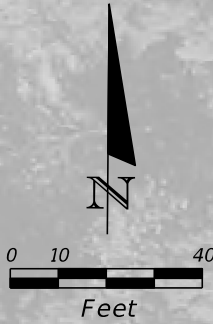
FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE
1" = 40'
DESIGNED BY
ER
DRAWN BY
BCK
CHECKED BY
MHM
DATE
6/26/2023

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REVISIONS		DATE	BY
No.			



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SHEET NUMBER
21

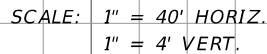
ROADWAY PLAN

FINANCIAL PROJECT ID 446078-1-58-01	LICENSED PROFESSIONAL	
DATE JUNE 2023	ERIC REGUIERO	
SCALE 1" = 40'	DESIGNED BY	ER
	DRAWN BY	BCK
	CHECKED BY	MHM
		DATE: 6/26/2023

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SE 1ST STREET

103+00.00

-8

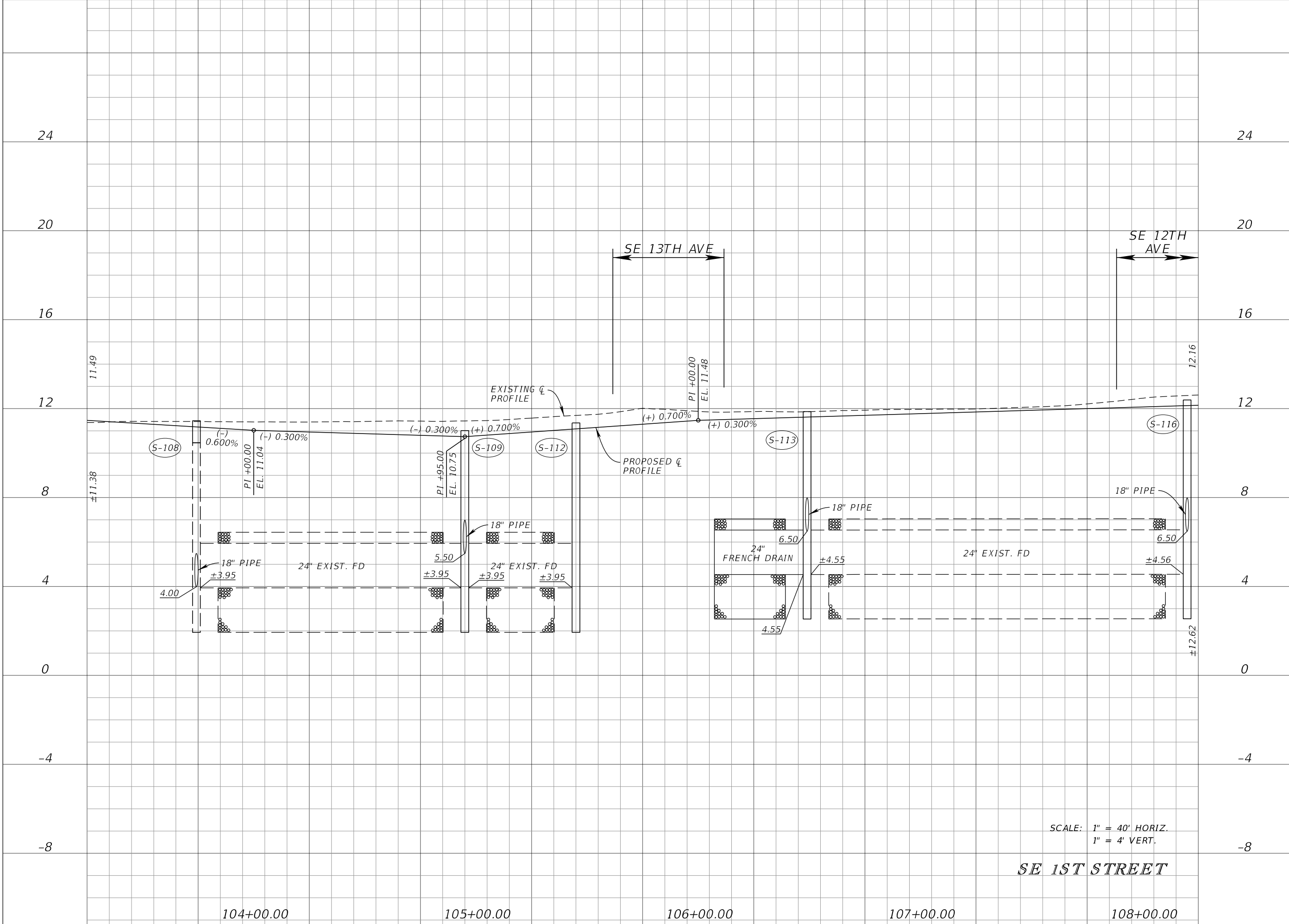
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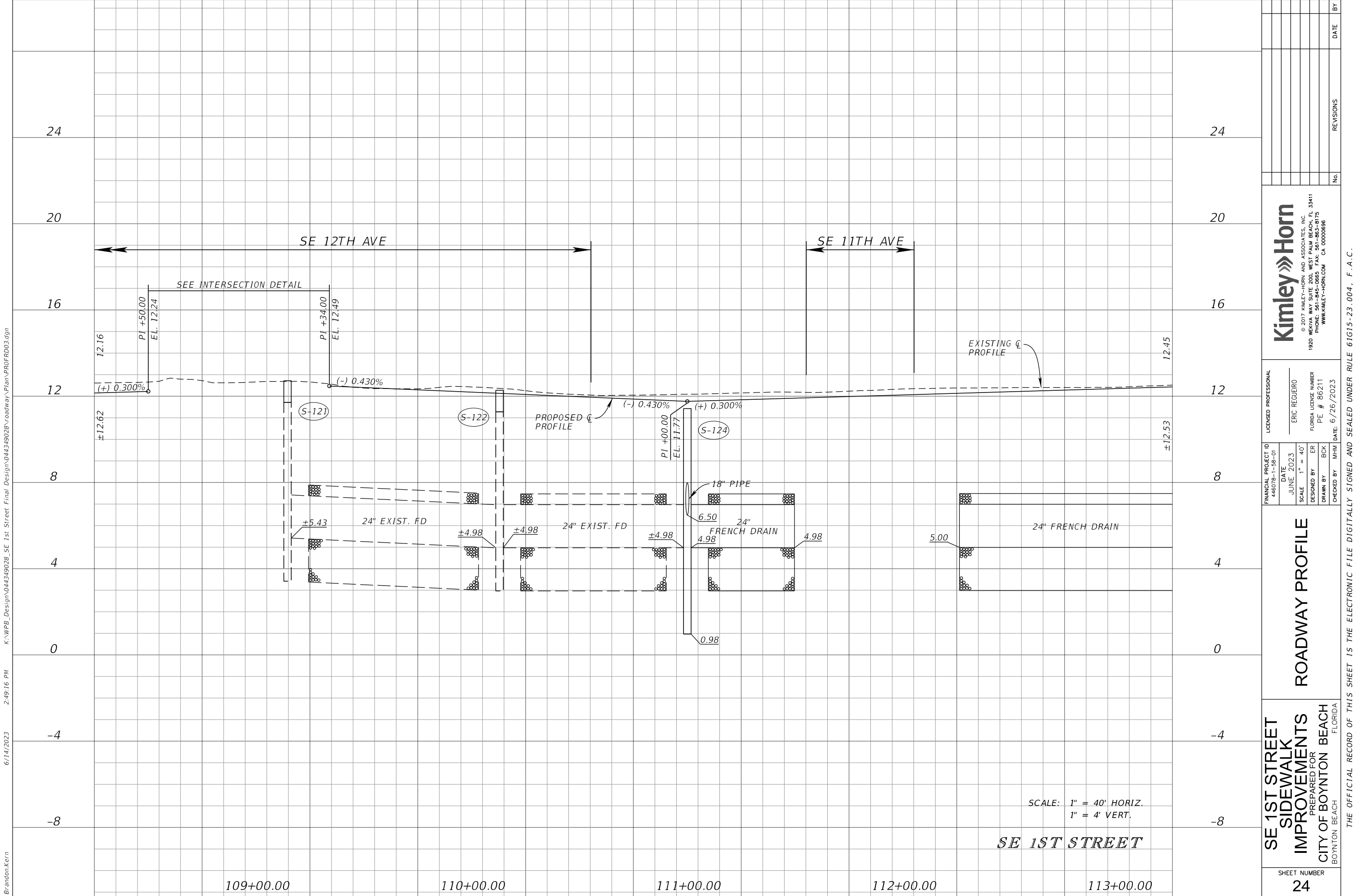


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SHEET NUMBER 23		DATE JUNE 2023		ERIC REQUIRO		DATE JUNE 2023	
BOYNTON BEACH		DESIGNED BY ER		FLORIDA LICENSE NUMBER PE # 86211		SCALE 1" = 40'	
		DRAWN BY BCK		DATE 6/26/2023		CHECKED BY MHM	
		REVISIONS		No.		DATE	
		BY					

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FINANCIAL PROJECT ID		LICENSED PROFESSIONAL	
446078-1-58-01	DATE	ERIC REQUIRO	
JUNE 2023	SCALE 1" = 40'	FLORIDA LICENSE NUMBER	
DESIGNED BY ER	DRAWN BY BCK	PE # 86211	
CHECKED BY MHM		DATE: 6/26/2023	

**SE 1ST STREET
SIDEWALK
IMPROVEMENTS**
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

ROADWAY PROFILE

SHEET NUMBER
24

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SCALE: $1'' = 40'$ HORIZ.
 $1'' = 4'$ VERT.

-8

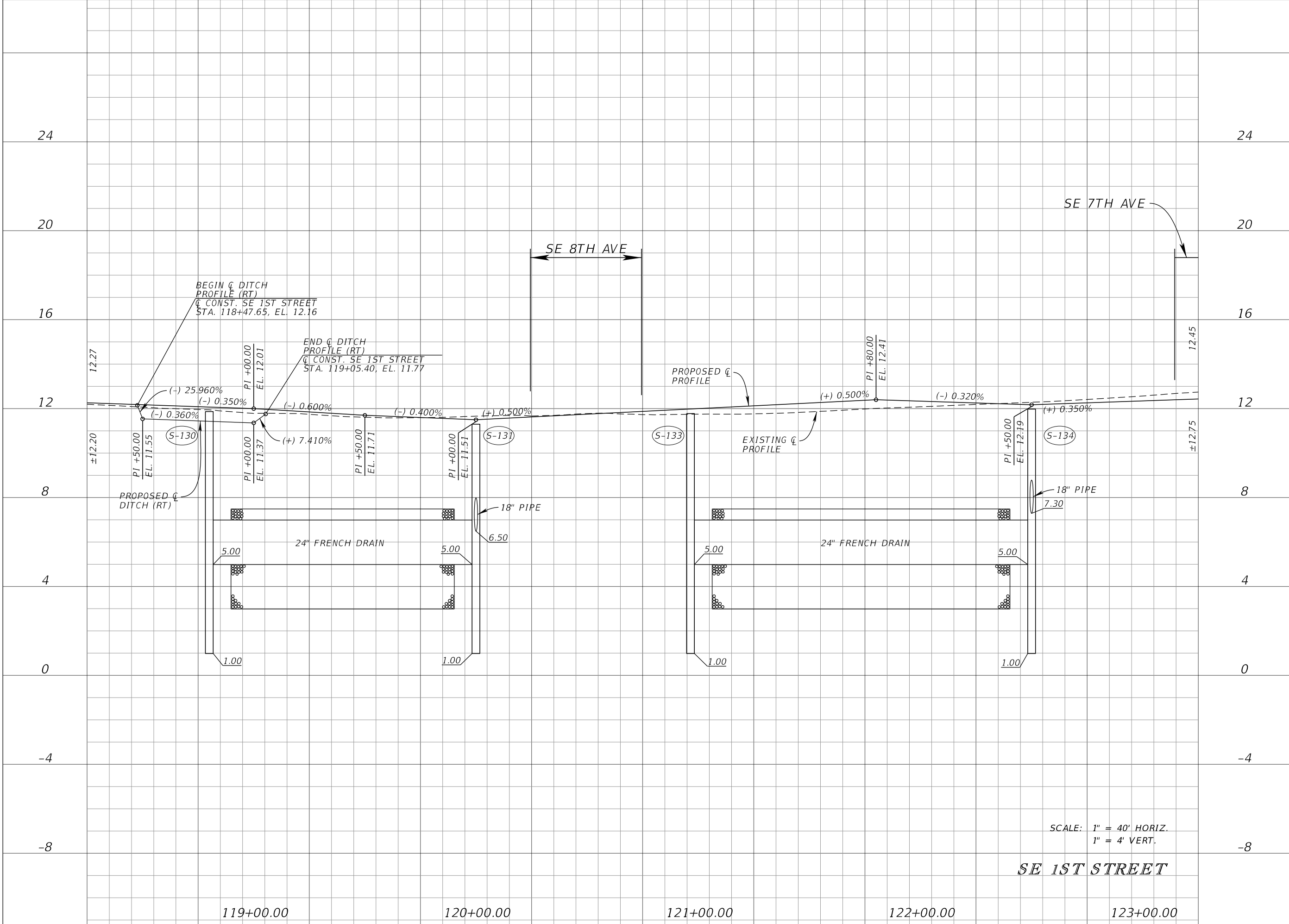
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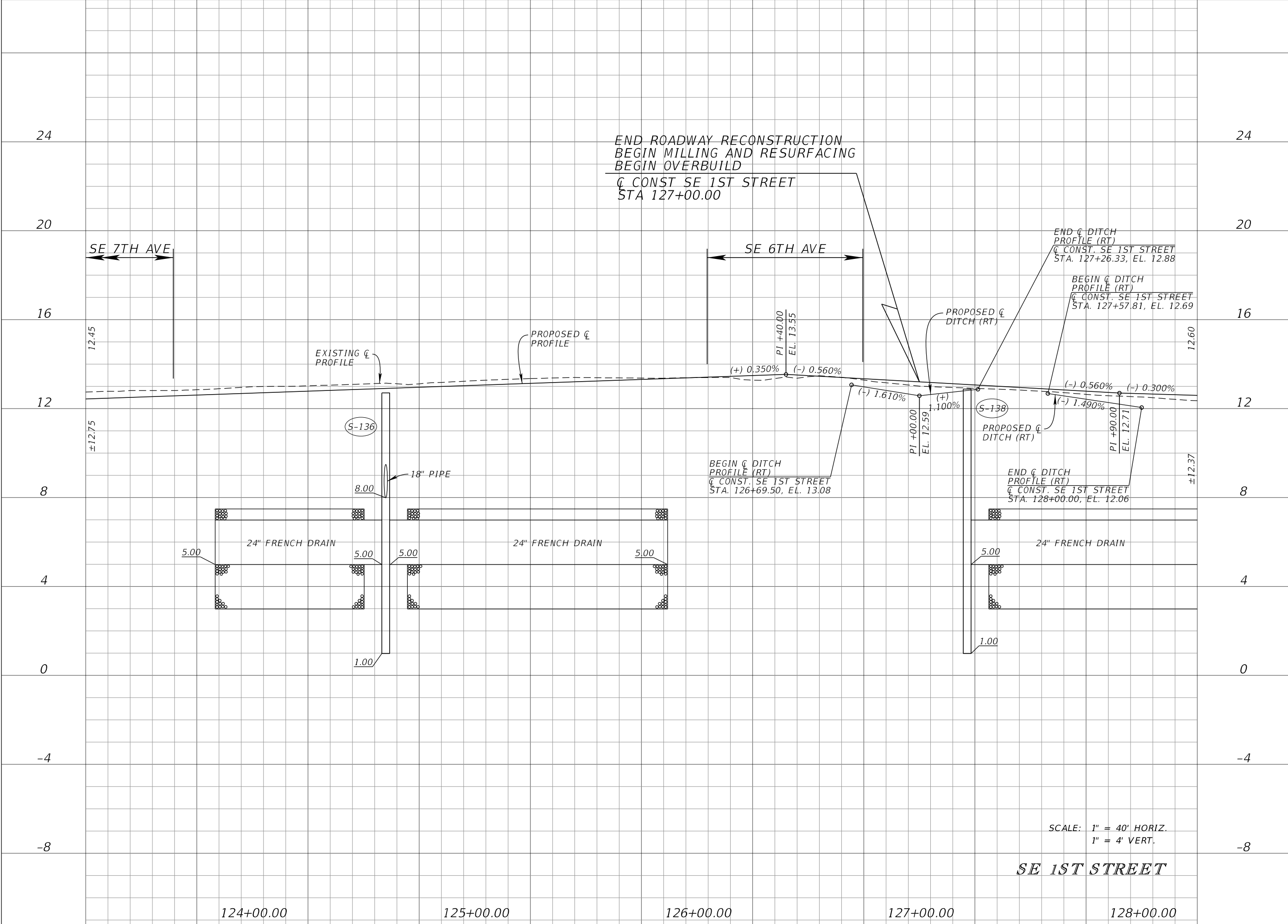
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SHEET NUMBER		26		FINANCIAL PROJECT ID		DATE		ERIC REQUIRO		No.		DATE	
				446078-1-58-01		JUNE 2023		FLORIDA LICENSE NUMBER					
				SCALE 1" = 40'		DESIGNED BY ER		PE # 86211					
				DRAWN BY BCK		CHECKED BY MHM		DATE: 6/26/2023					

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SE 1ST STREET

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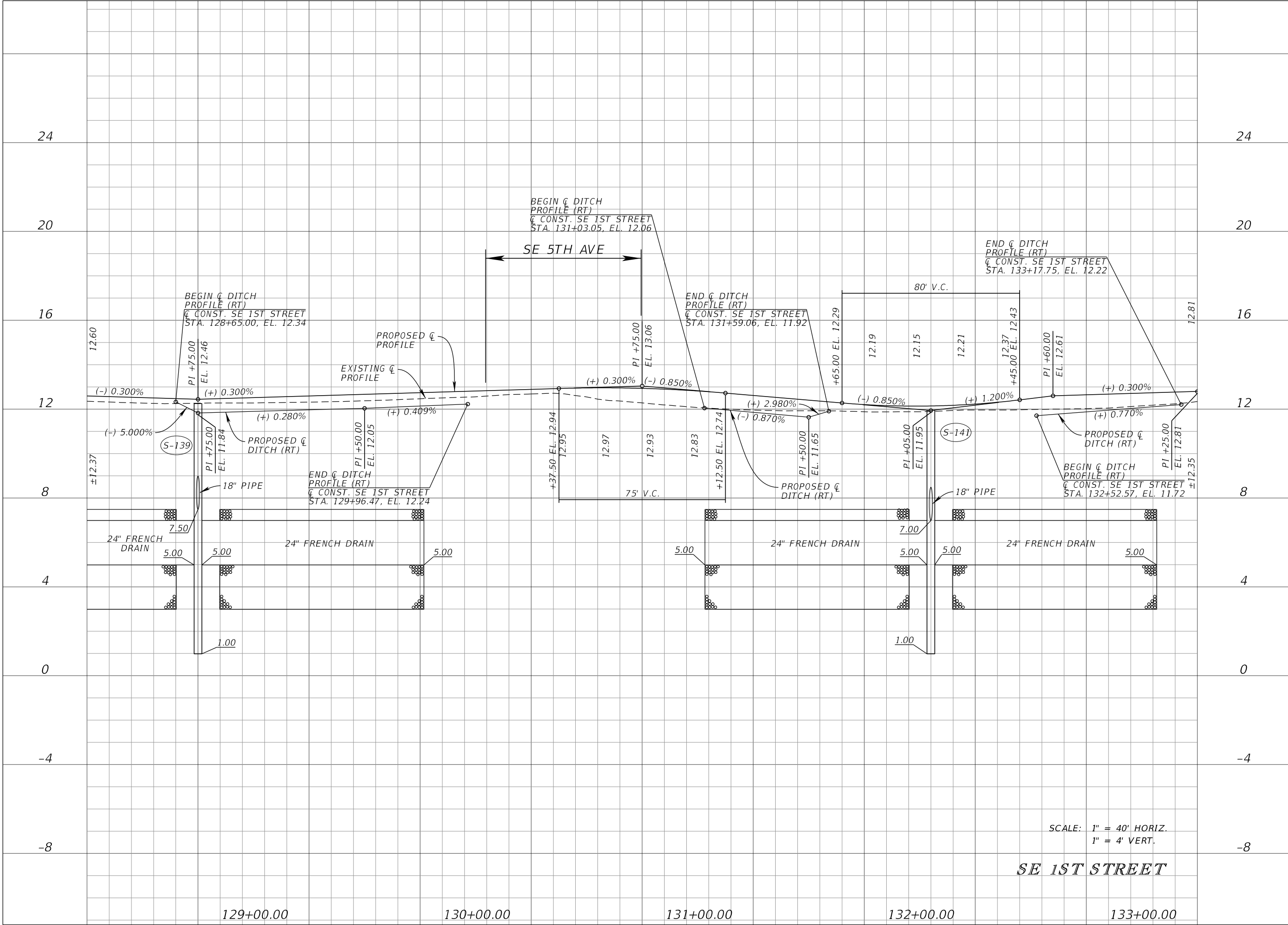
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SE 1ST STREET SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF BOYNTON BEACH FLORIDA	ROADWAY PROFILE	FINANCIAL PROJECT ID 446078-1-58-01	LICENSED PROFESSIONAL	Kimley»Horn © 2017 KIMLEY-HORN AND ASSOCIATES, INC. 1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE: 561-845-0665 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 0000696	No.	REVISIONS	DATE	BY
		DATE JUNE 2023	ERIC REQUIRO					
		SCALE 1" = 40'	FLORIDA LICENSE NUMBER PE # 86211					
		DESIGNED BY ER	DATE: 6/26/2023					
SHEET NUMBER 28		CHECKED BY MHM						

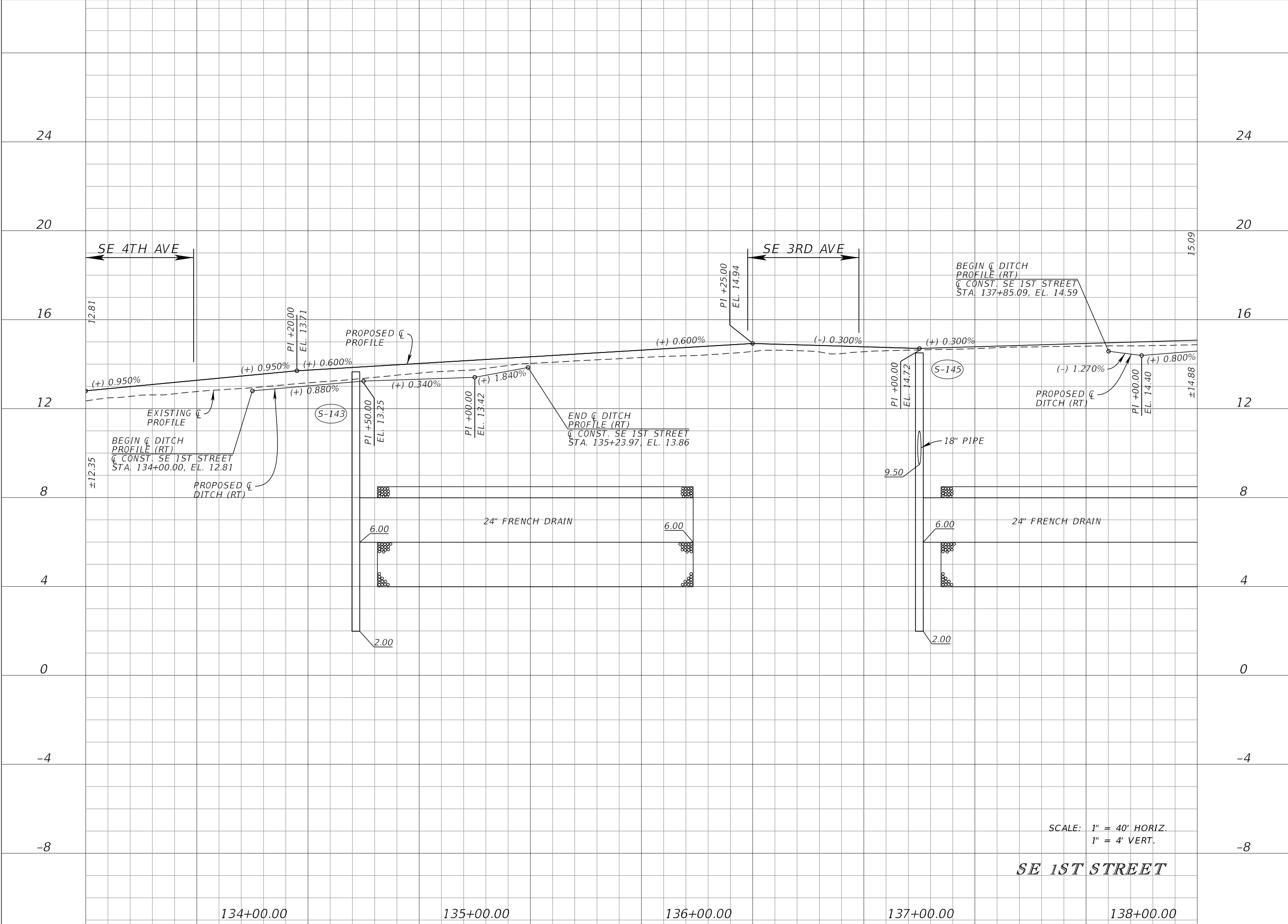
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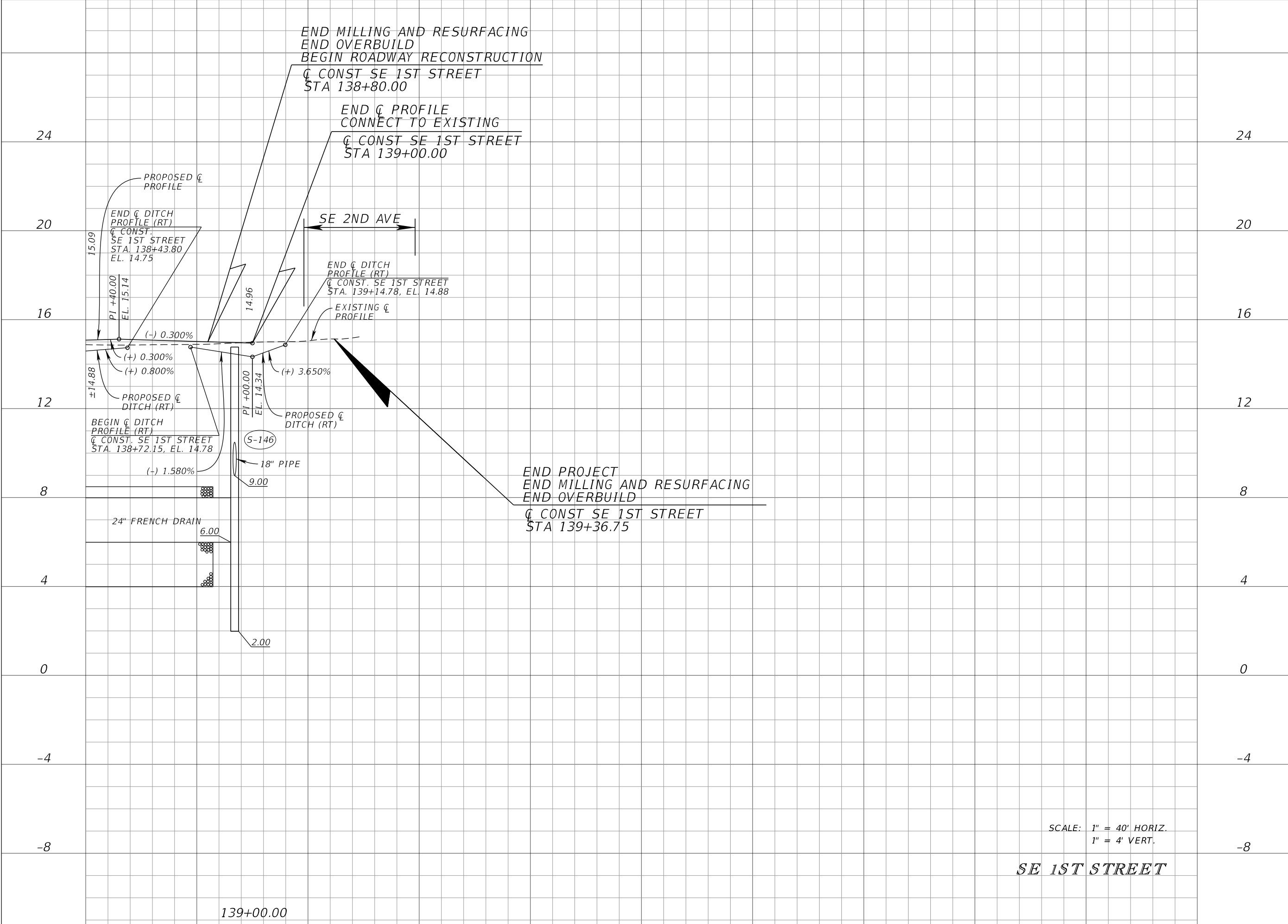
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1" = 4' VERT.

SE 1ST STREET

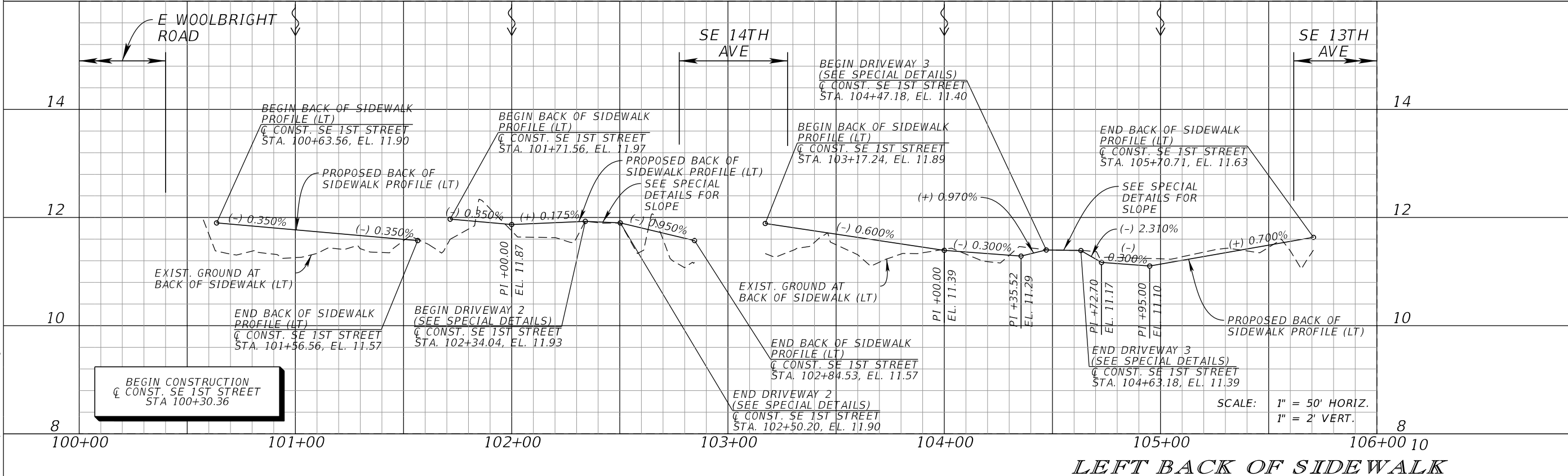
SE 1ST STREET SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF BOYNTON BEACH FLORIDA		ROADWAY PROFILE		LICENSED PROFESSIONAL		Kimley»Horn			
SHEET NUMBER		29		FINANCIAL PROJECT ID		ERIC REQUIRO		© 2017 KIMLEY-HORN AND ASSOCIATES, INC.	
				DATE		JUNE 2023		1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411	
				SCALE		1" = 40'		PHONE: 561-845-0665 FAX: 561-863-8175	
				DESIGNED BY		ER		WWW.KIMLEY-HORN.COM CA 0000696	
				DRAWN BY		BCK			
				CHECKED BY		MHM			
						DATE: 6/26/2023			
								REVISIONS	
								No.	
								DATE	
								BY	

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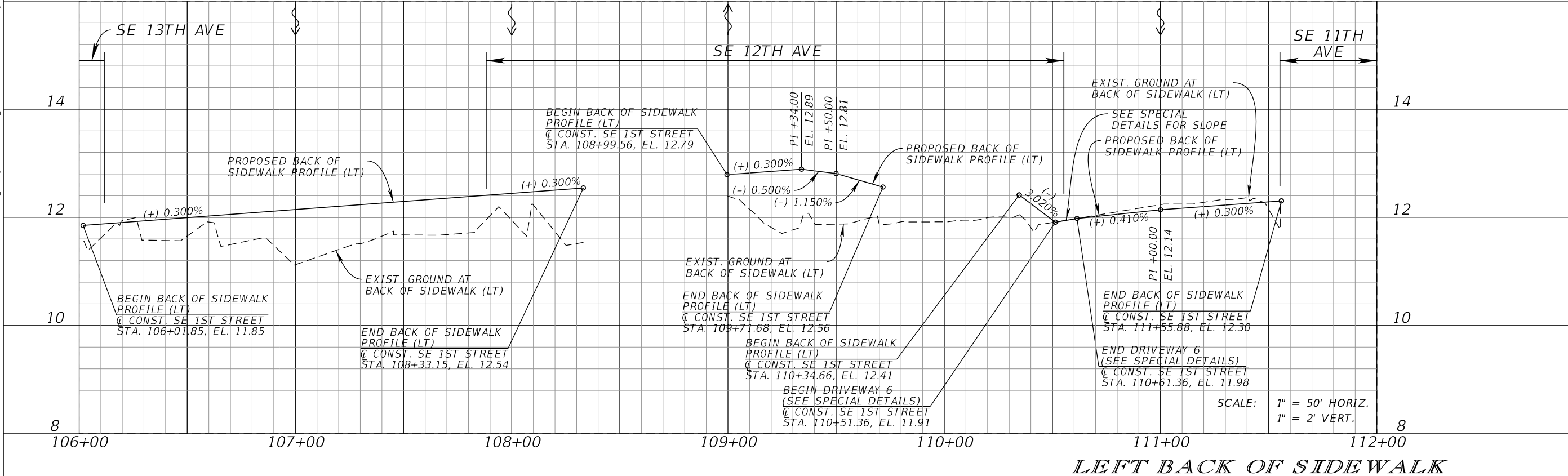
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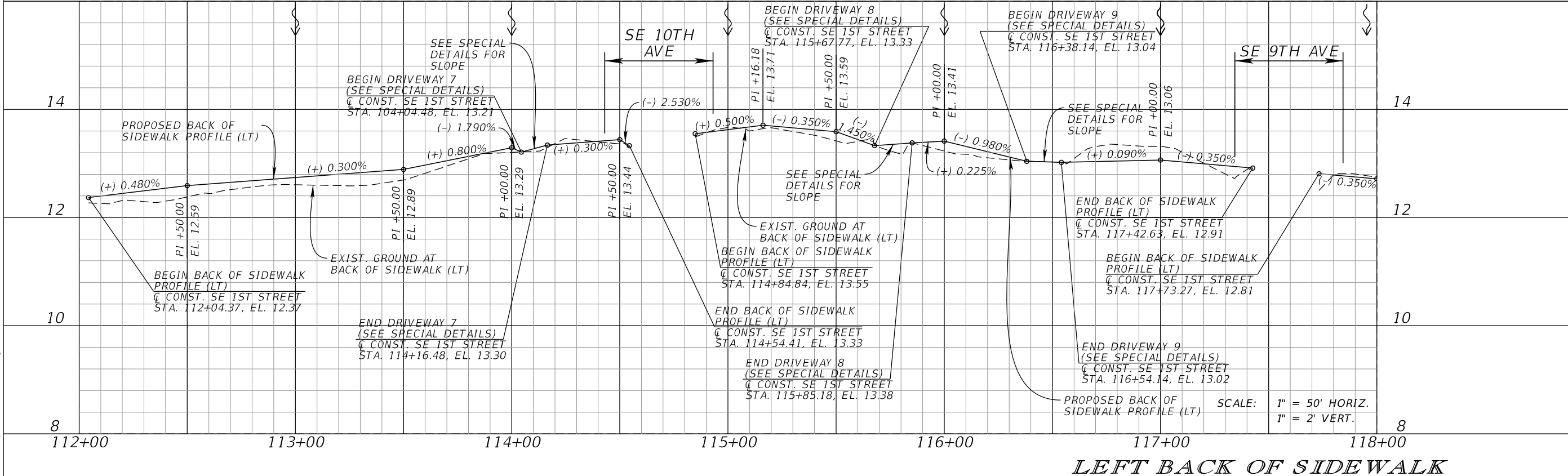
SE 1ST STREET SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF BOYNTON BEACH BOYNTON BEACH FLORIDA		ROADWAY PROFILE		FINANCIAL PROJECT ID 446078-1-58-01		LICENSED PROFESSIONAL		Kimley»Horn © 2017 KIMLEY-HORN AND ASSOCIATES, INC. 1920 WEKIVA WAY SUITE 200 WEST PALM BEACH, FL 33411 PHONE: 561-845-0665 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 0000696		REVISIONS		BY	
SHEET NUMBER 30				DATE JUNE 2023		ERIC REQUIRO				No.		DATE	
				SCALE 1" = 40'		FLORIDA LICENSE NUMBER PE # 86211							
				DESIGNED BY ER		CHECKED BY							
				DRAWN BY BCK		DATE: 6/26/2023							
				CHECKED BY MHM									
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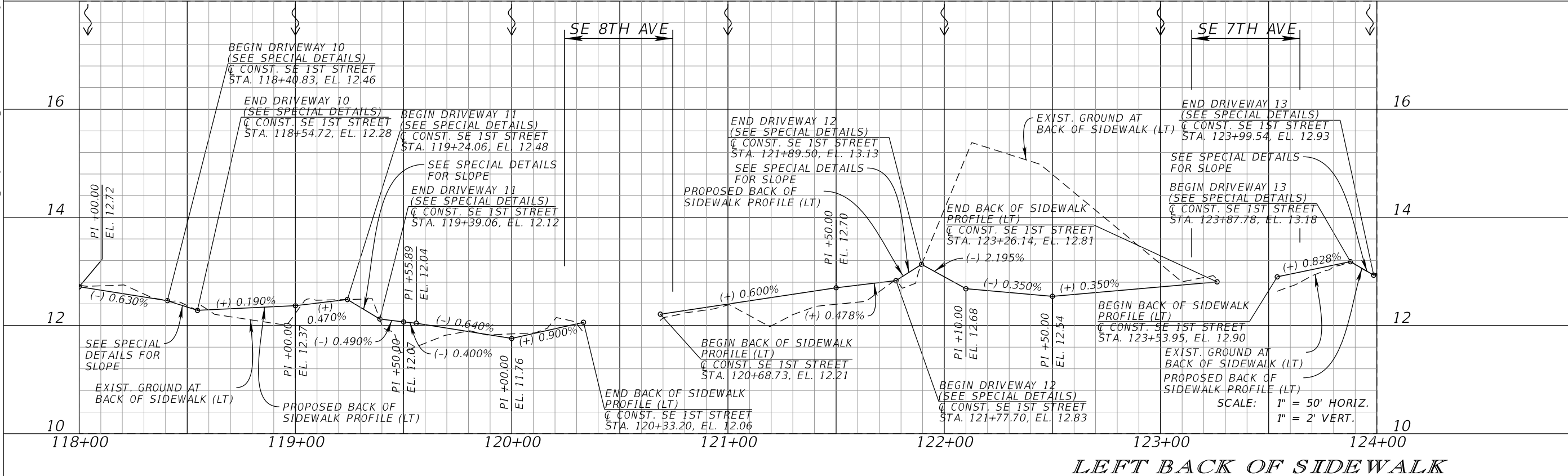
LEFT BACK OF SIDEWALK



LEFT BACK OF SIDEWALK



LEFT BACK OF SIDEWALK



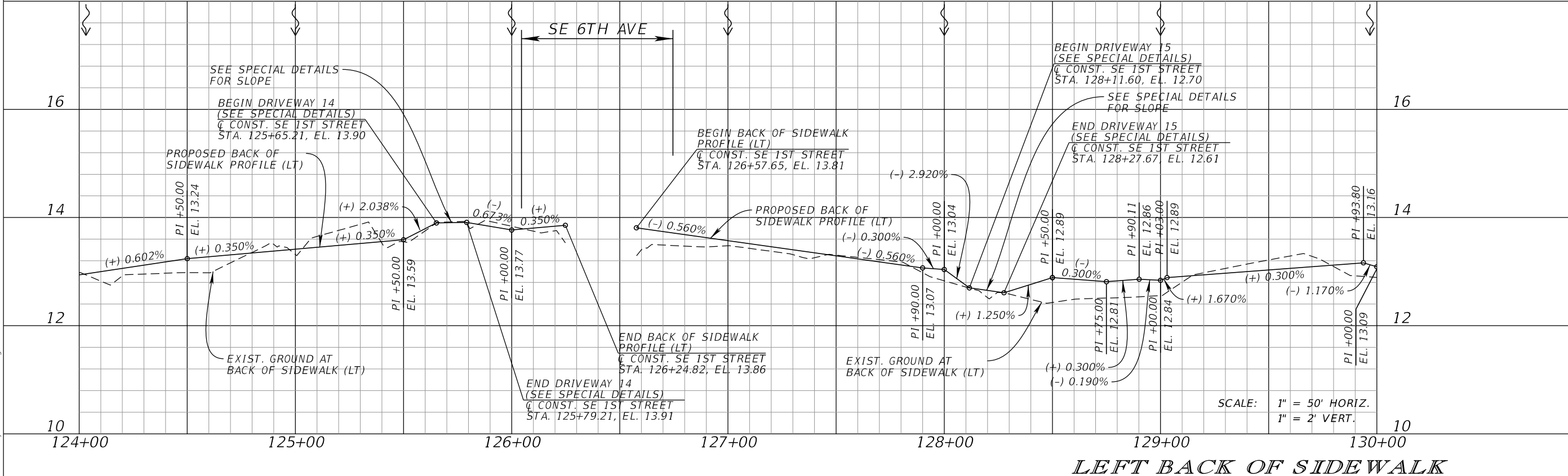
LEFT BACK OF SIDEWALK

Brandon Kern

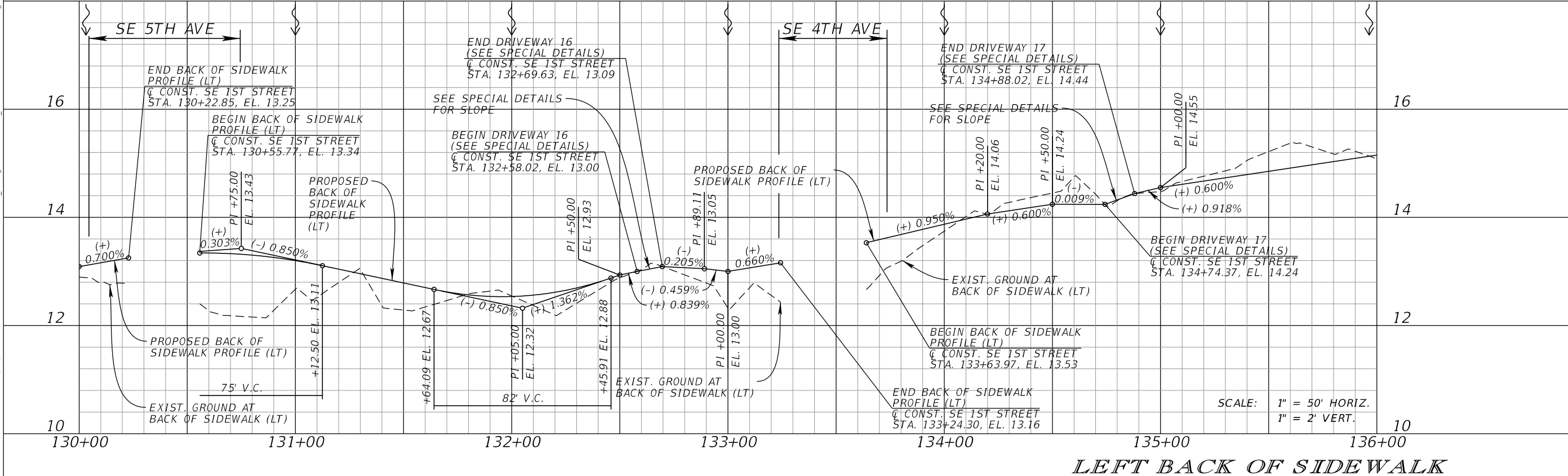
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LEFT BACK OF SIDEWALK



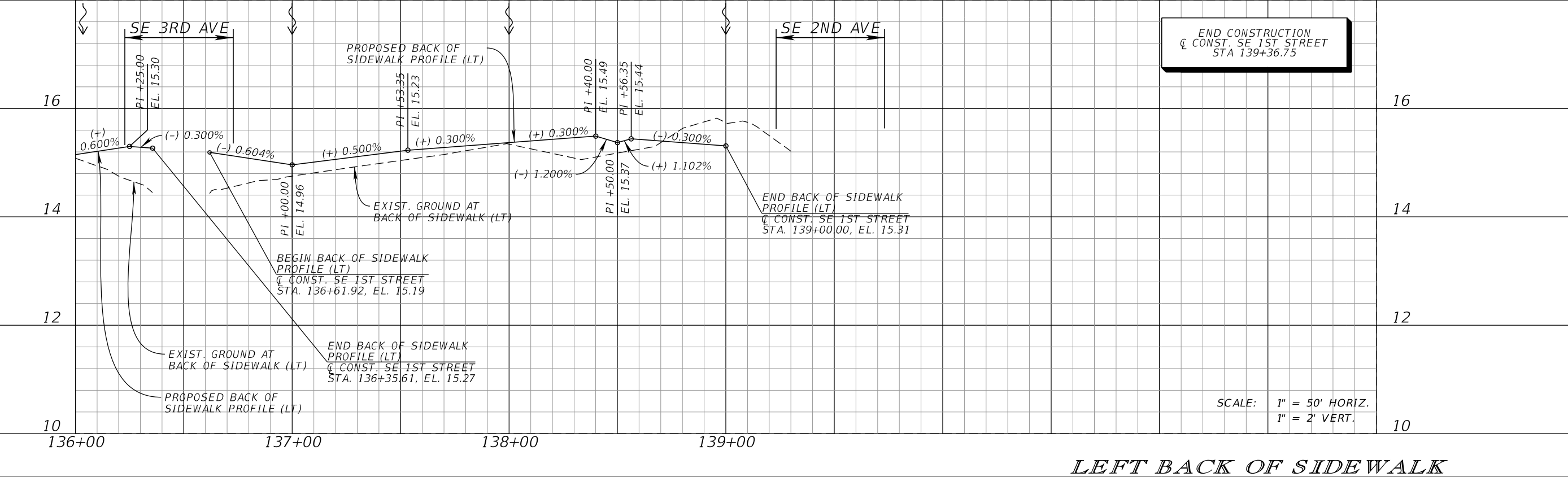
LEFT BACK OF SIDEWALK

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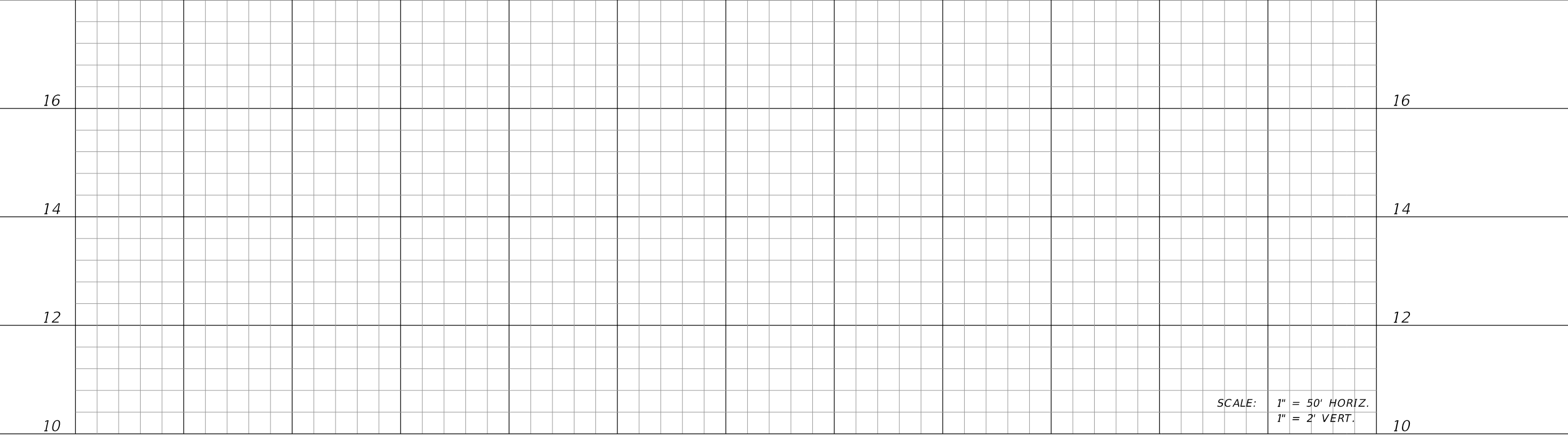
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LEFT BACK OF SIDEWALK



LEFT BACK OF SIDEWALK

SHEET NUMBER
34

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

BACK-OF-SIDEWALK
PROFILE

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE 1" = 50'
DESIGNED BY ER
DRAWN BY BCK
CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

Kimley»Horn

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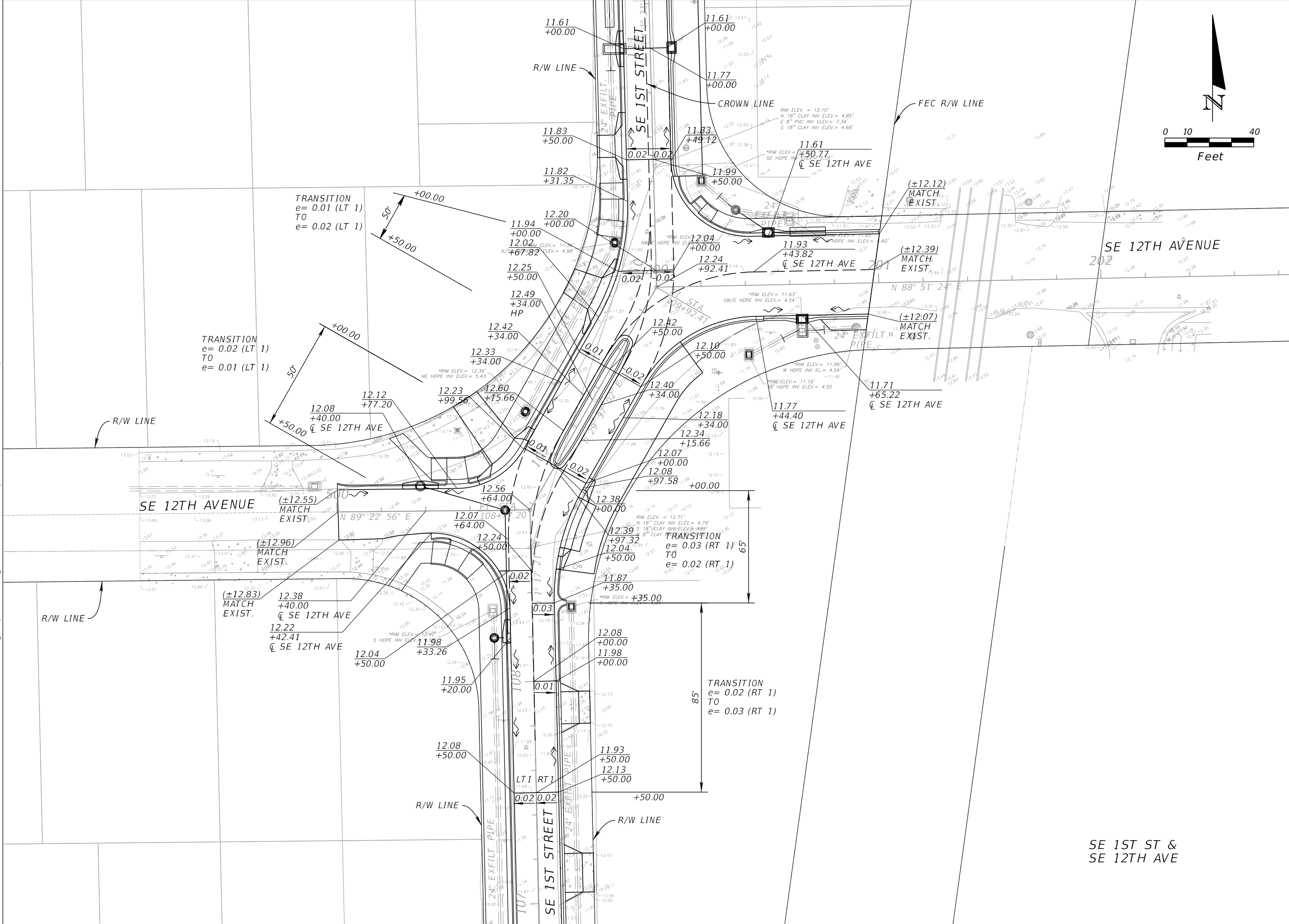
REVISIONS

No.

DATE

BY

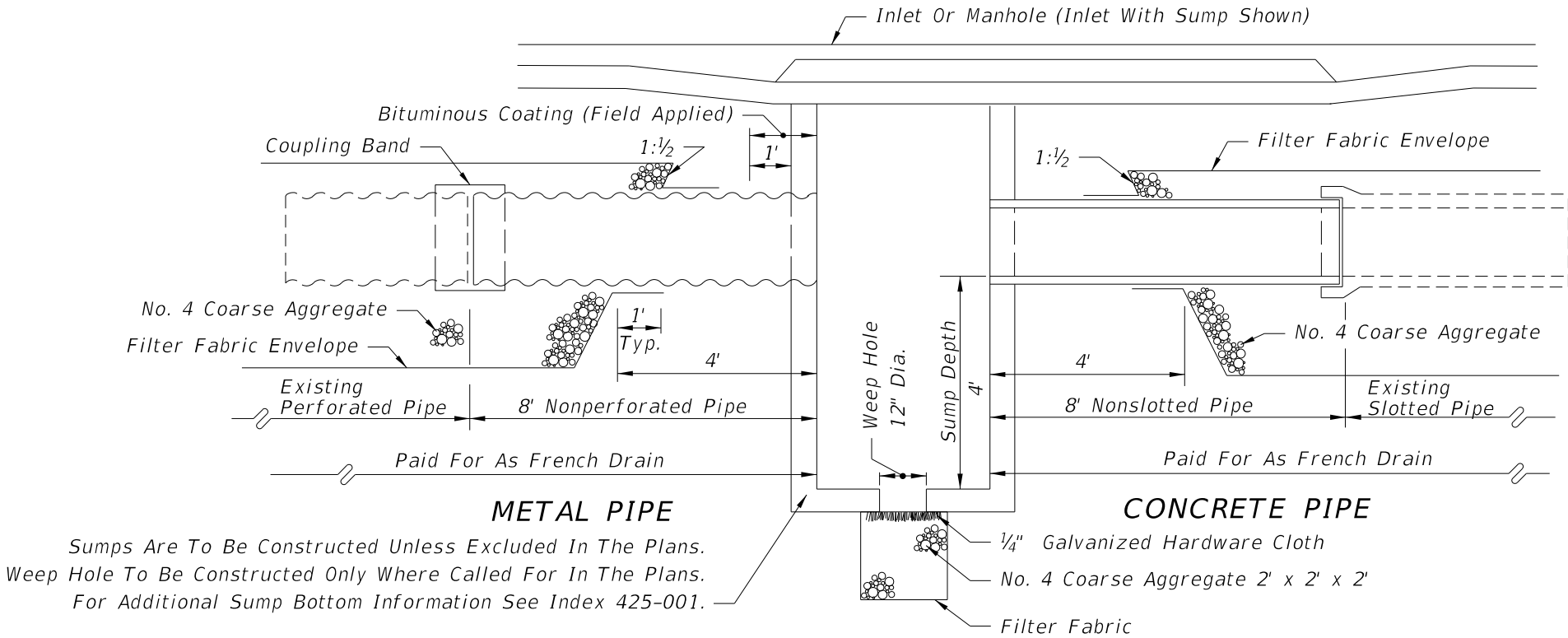
Brandon Kern 6/14/2023 2:49:39 PM K:\WPB_Design\044349028_SE 1st Street Final Design\044349028\roadway\INTDR001.dgn



SE 1ST STREET SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF BOYNTON BEACH FLORIDA		INTERSECTION DETAIL		Kimley»Horn <small>© 2017 KIMLEY-HORN AND ASSOCIATES, INC. 1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE: 561-845-0665 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696</small>	
FINANCIAL PROJECT ID 446078-1-58-01		LICENSED PROFESSIONAL ERIC REQUIRO		No.	
DATE JUNE 2023		FLORIDA LICENSE NUMBER PE # 86211		DATE 6/26/2023	
SCALE 1" = 40'		DESIGNED BY ER		REVISIONS	
DRAWN BY BCK		CHECKED BY MHM		BY	
SHEET NUMBER 35					

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EXISTING FRENCH DRAIN TIE-IN

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

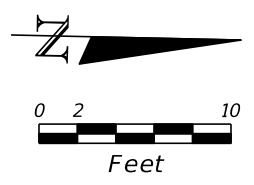
DRAINAGE DETAILS

FINANCIAL PROJECT ID 446078-1-58-01	LICENSED PROFESSIONAL
DATE JUNE 2023	ERIC REQUIRO
SCALE N.T.S.	FLORIDA LICENSE NUMBER PE # 86211
DESIGNED BY ER	DATE 6/26/2023
DRAWN BY BCK	
CHECKED BY MHM	

Kimley»Horn

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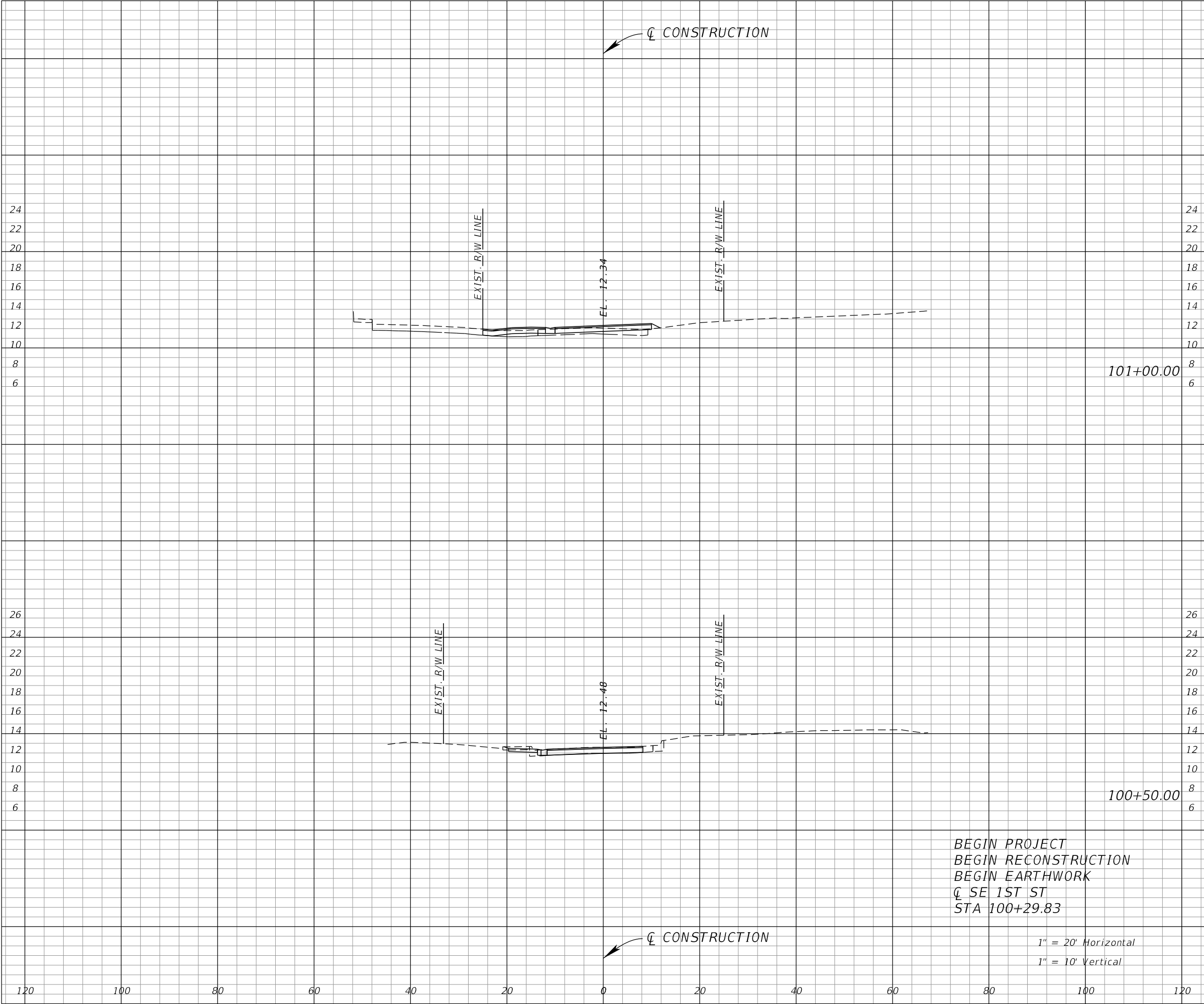
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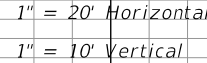
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Regular		Exc.	Embankment																	
A		V	A	V																
12		24	1	2																
14	0	5	1	0																
0		0	0	0																
					FINANCIAL PROJECT ID 446078-1-58-01		DATE JUNE 2023		SCALE 1" = 20'		DESIGNED BY ER		DRAWN BY BCK		CHECKED BY MHM					



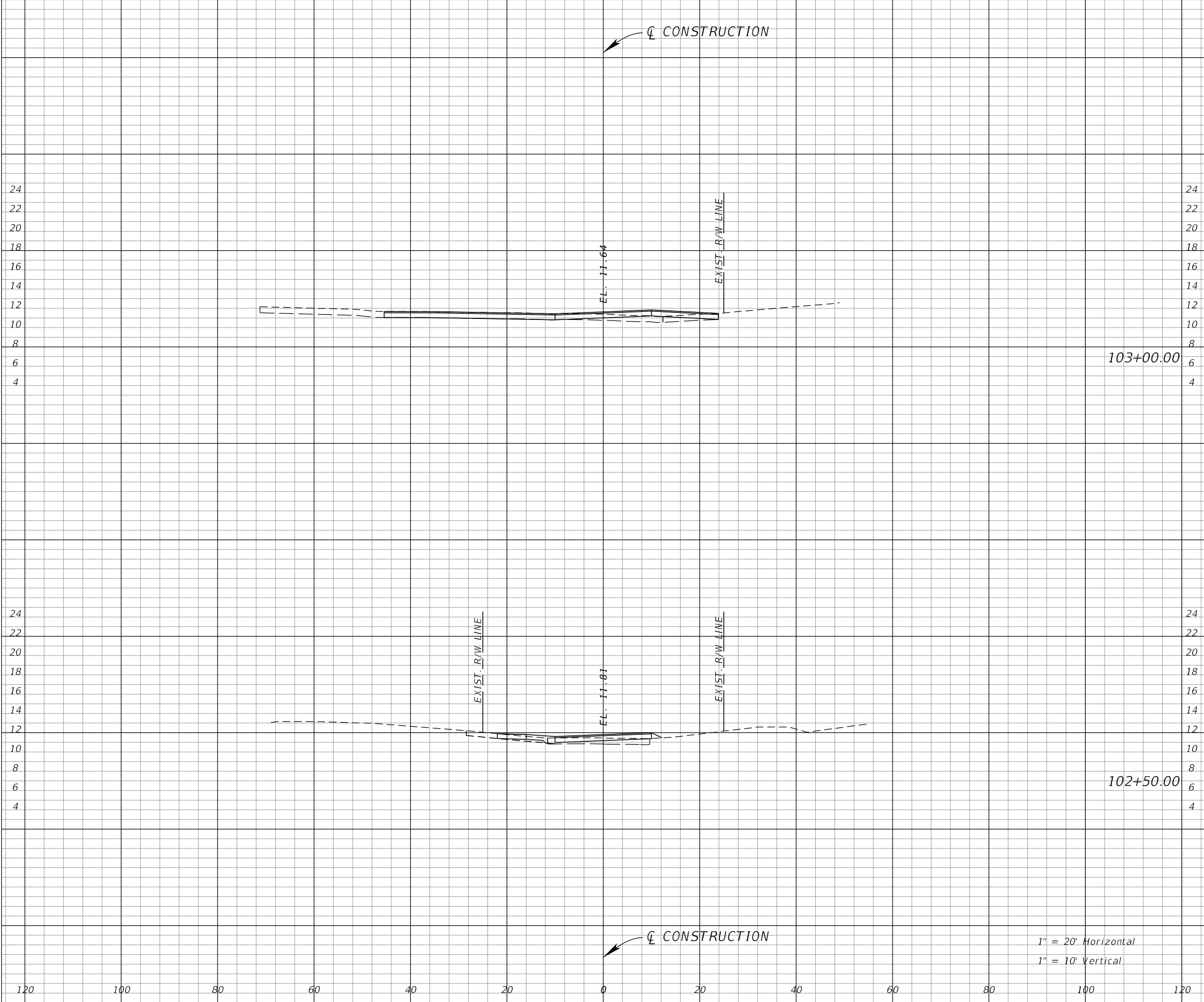
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Regular		Exc.	Embankment	
A	V		A	V
34			0	
	37			2

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

SHEET NUMBER
42

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL

ERIC REQUEIRO

FLORIDA LICENSE NUMBER
PE # 86211

DATE: 6/26/2023

Kimley»Horn

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REVISIONS

DATE

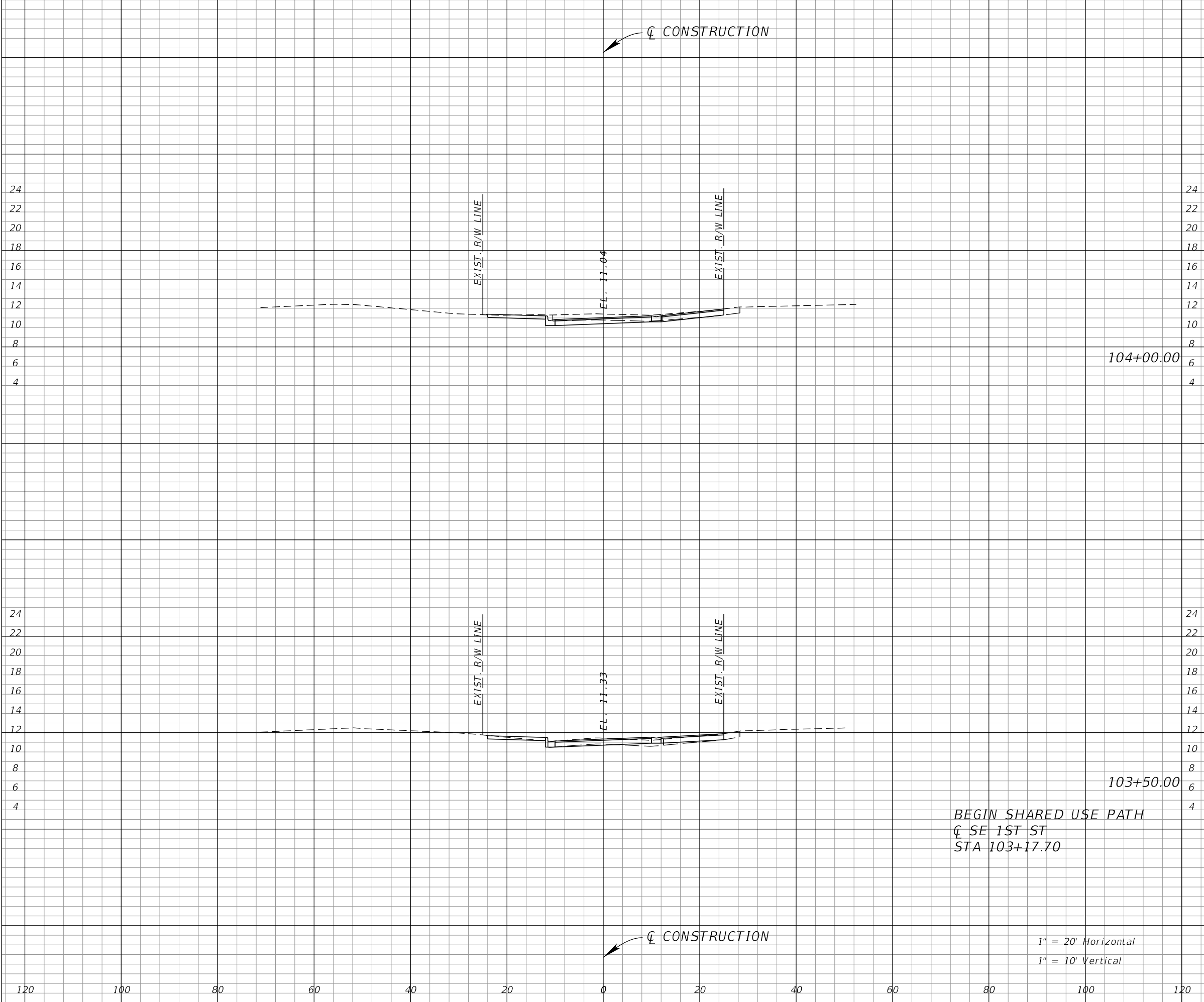
BY

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Regular		Exc.	Embankment	
A	V		A	V
36			0	
	55			0

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE 1" = 20'
DESIGNED BY ER
DRAWN BY BCK
CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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DATE
BY

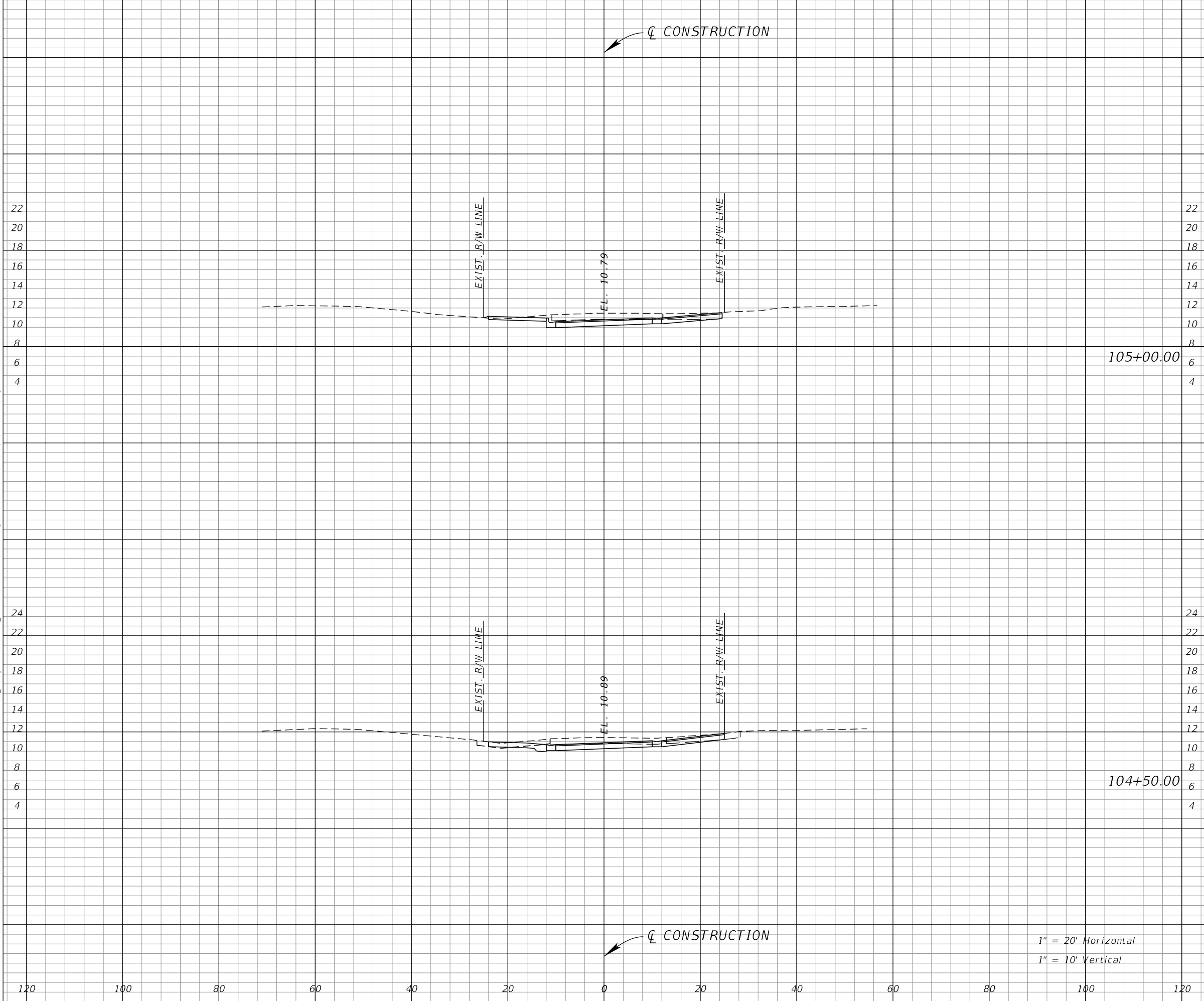
SHEET NUMBER
43

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Regular		Exc.	Embankment	
A	V	A	V	
44				
	77	0	0	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE 1" = 20'
DESIGNED BY ER
DRAWN BY BCK
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LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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REVISIONS
No.

DATE
BY

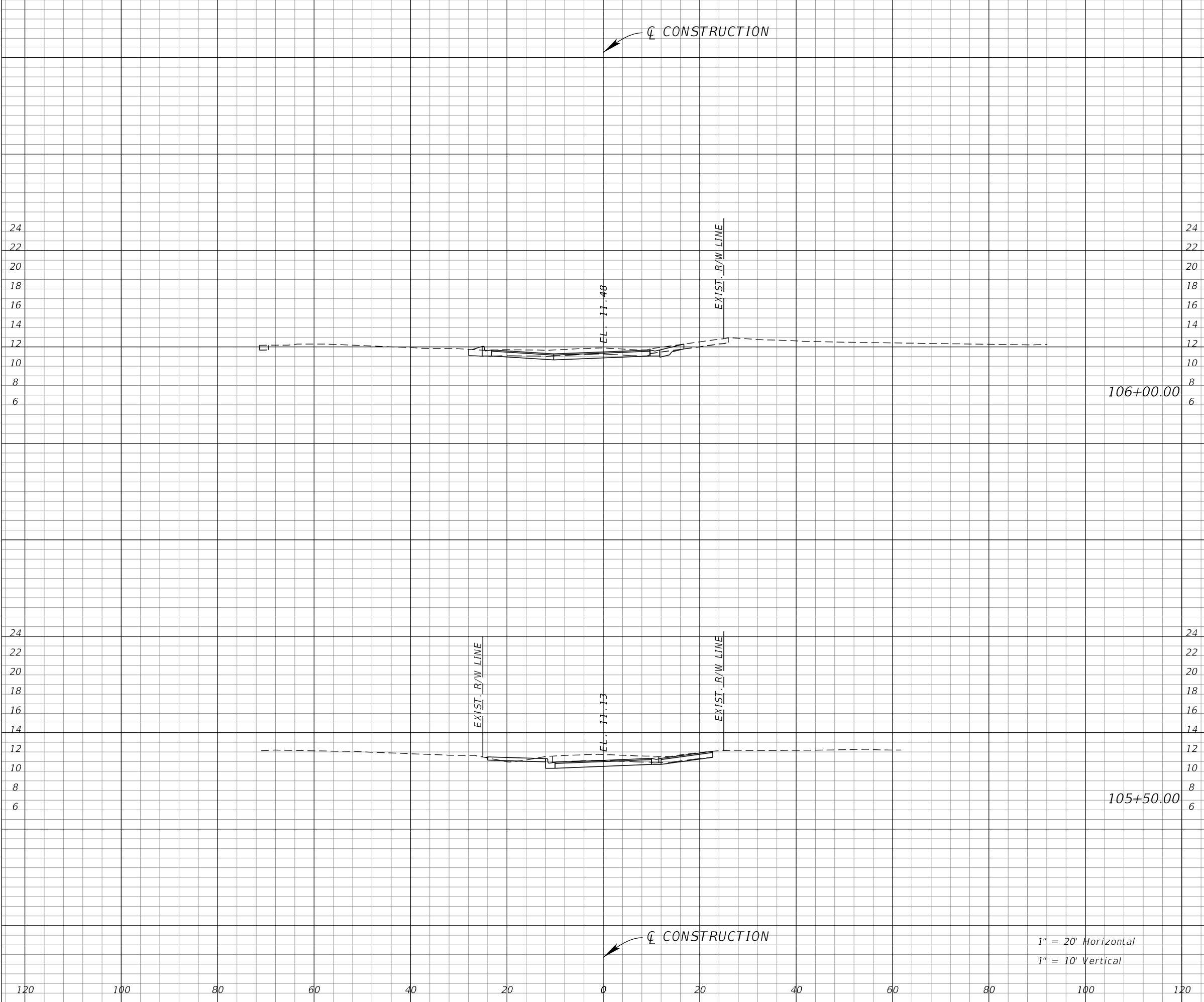
SHEET NUMBER
44

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Regular		Exc.	Embankment	
A	V	A	V	
32				
	64			
		0		
			0	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
45

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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No. DATE BY

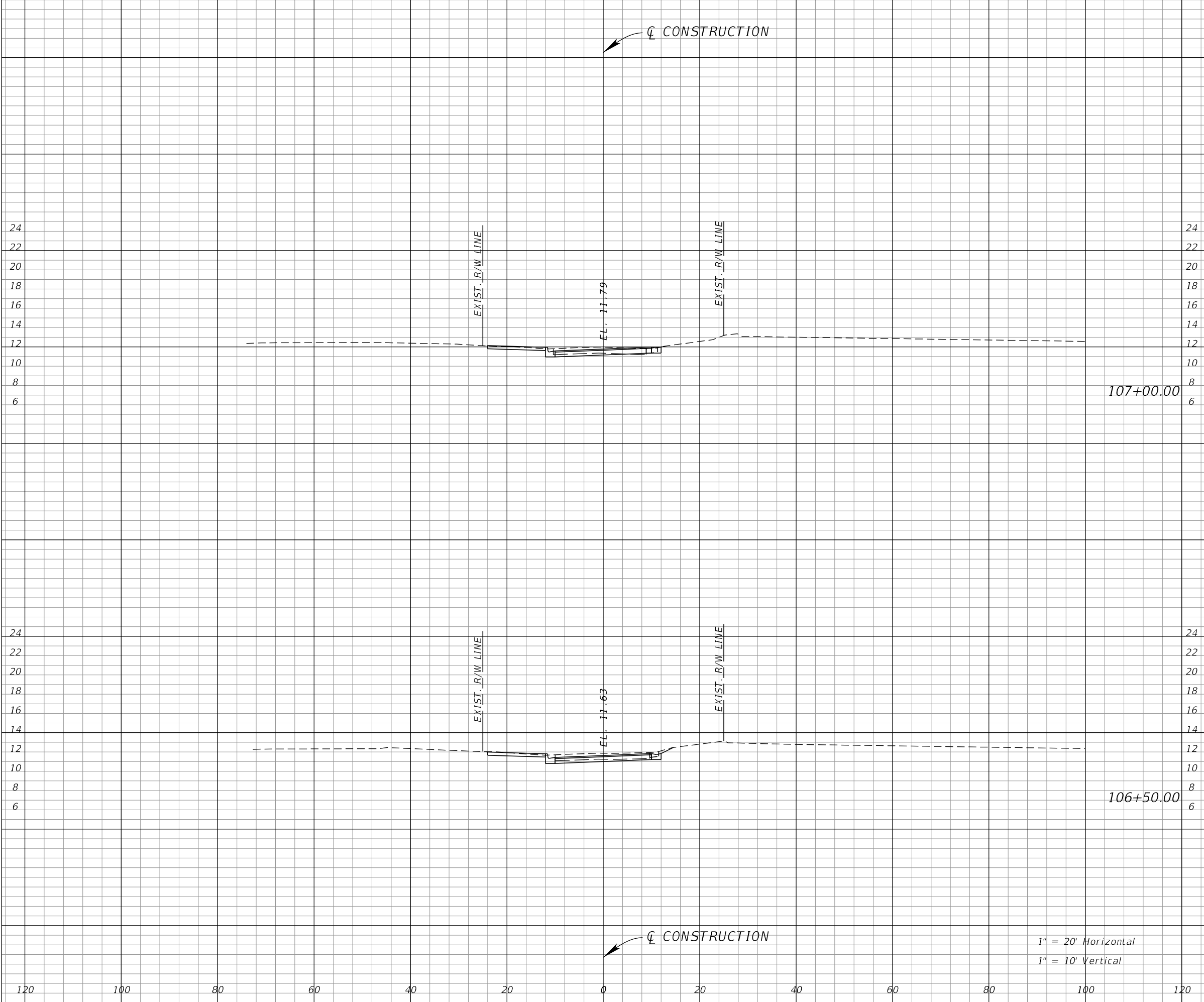
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Regular		Exc.	Embankment	
A		V	A	V
20		40	0	0

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
46

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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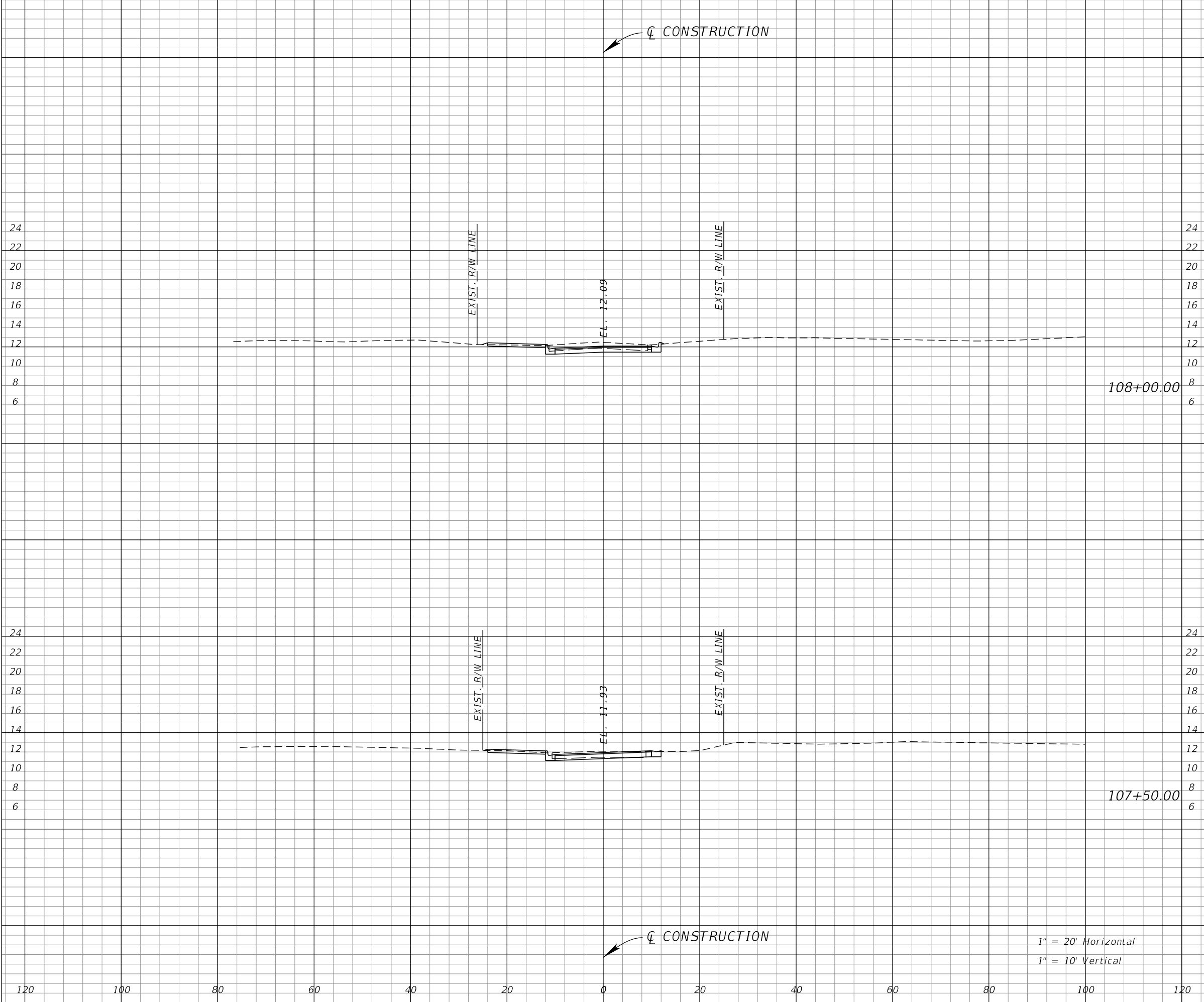
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Regular		Exc.	Embankment	
A	V	A	V	
24				
	41	0	0	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE 1" = 20'
DESIGNED BY ER
DRAWN BY BCK
CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023



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SHEET NUMBER
47

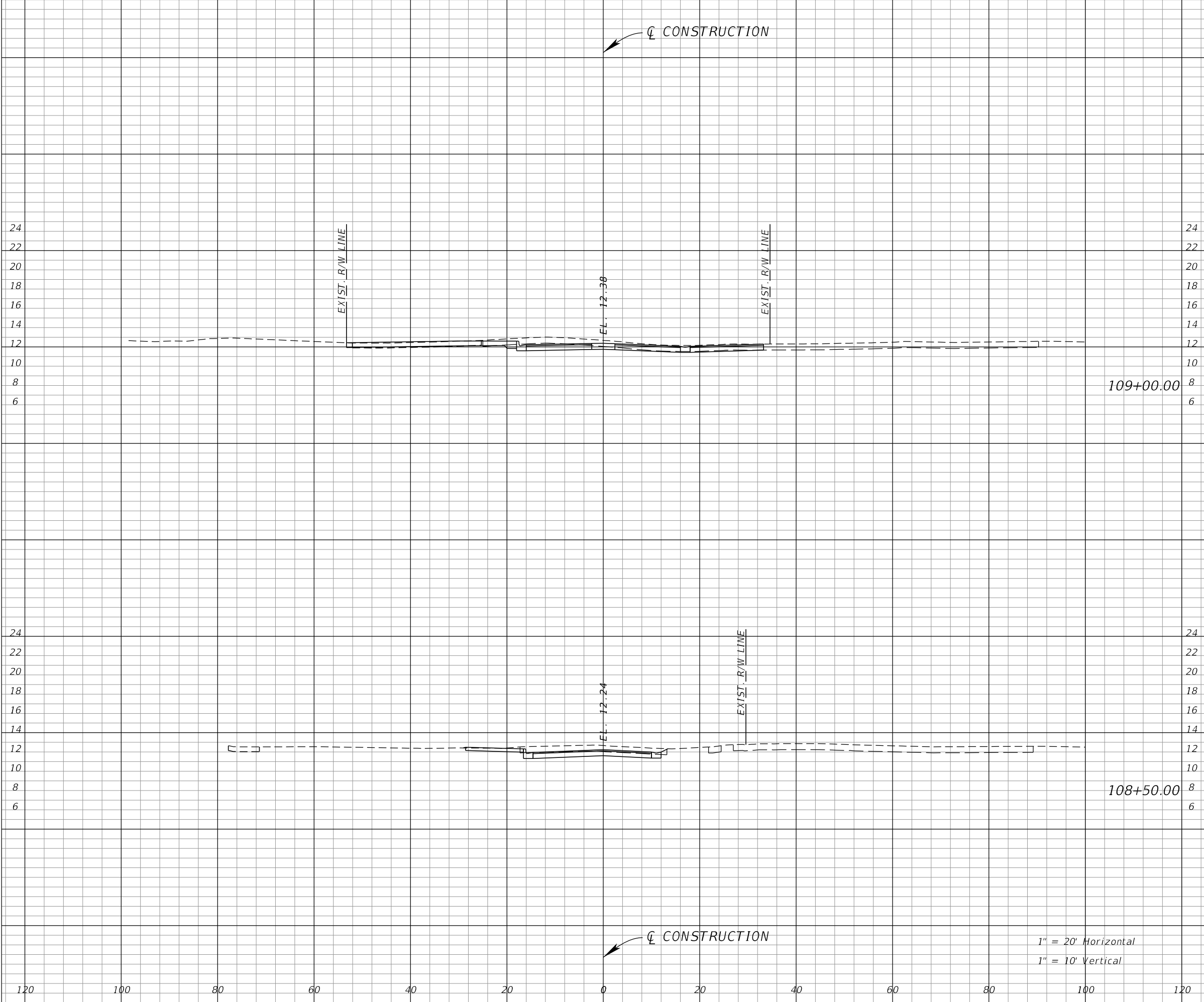
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DATE BY

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Regular		Exc.	Embankment	
A	V		A	V
53			2	
		83		
			2	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE 1" = 20'
DESIGNED BY ER
DRAWN BY BCK
CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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No.

REVISIONS

DATE

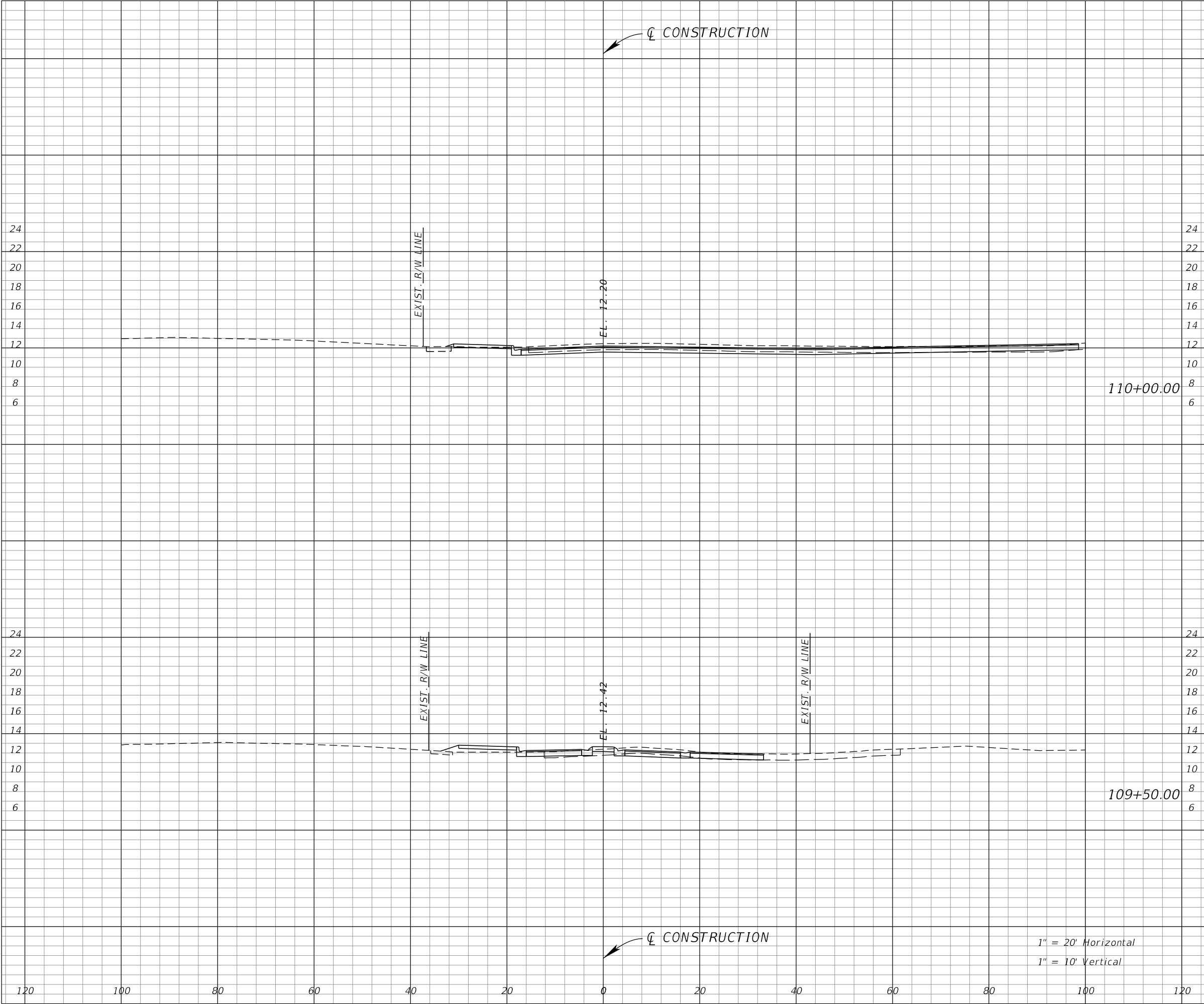
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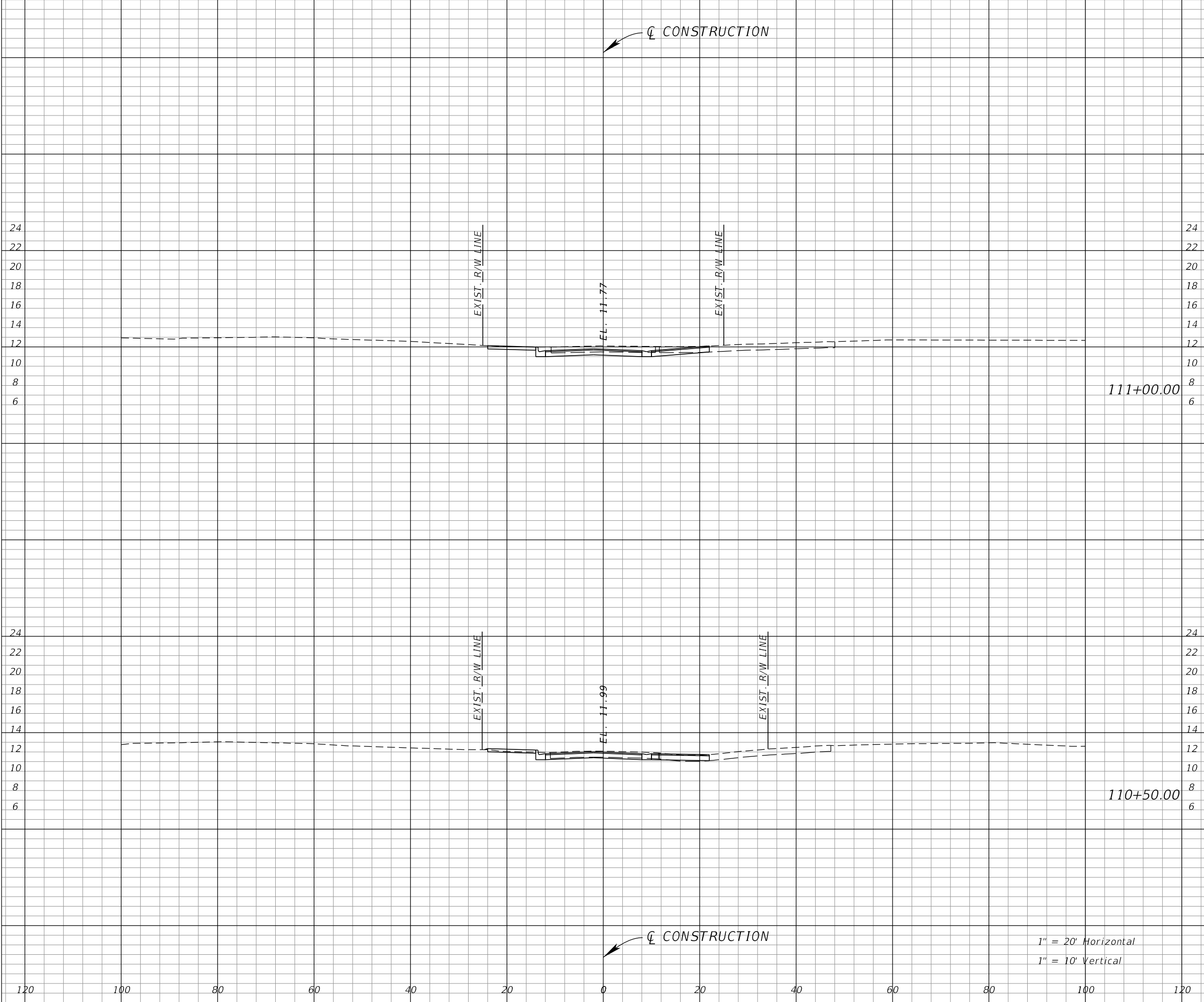
Regular		Exc.	Embankment																	
A		V	A		V															
92																				
115																				
2																				
7																				
32																				
79																				
6																				
7																				
SE 1ST STREET SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF BOYNTON BEACH BOYNTON BEACH FLORIDA																				
CROSS SECTIONS																				
FINANCIAL PROJECT ID 446078-1-58-01	DATE JUNE 2023	SCALE 1" = 20'	DESIGNED BY ER	DRAWN BY BCK	CHECKED BY MHM	DATE 6/26/2023	LICENSED PROFESSIONAL ERIC REQUIRO FLORIDA LICENSE NUMBER PE # 86211	Kimley»Horn © 2017 KIMLEY-HORN AND ASSOCIATES, INC. 1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE: 561-845-0665 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696												
SHEET NUMBER 49																				

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Regular		Exc.	Embankment	
A	V	A	V	
37	58	0	0	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

BOYNTON BEACH

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL

ERIC REQUIRO

FLORIDA LICENSE NUMBER
PE # 86211

DATE: 6/26/2023

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DATE

BY

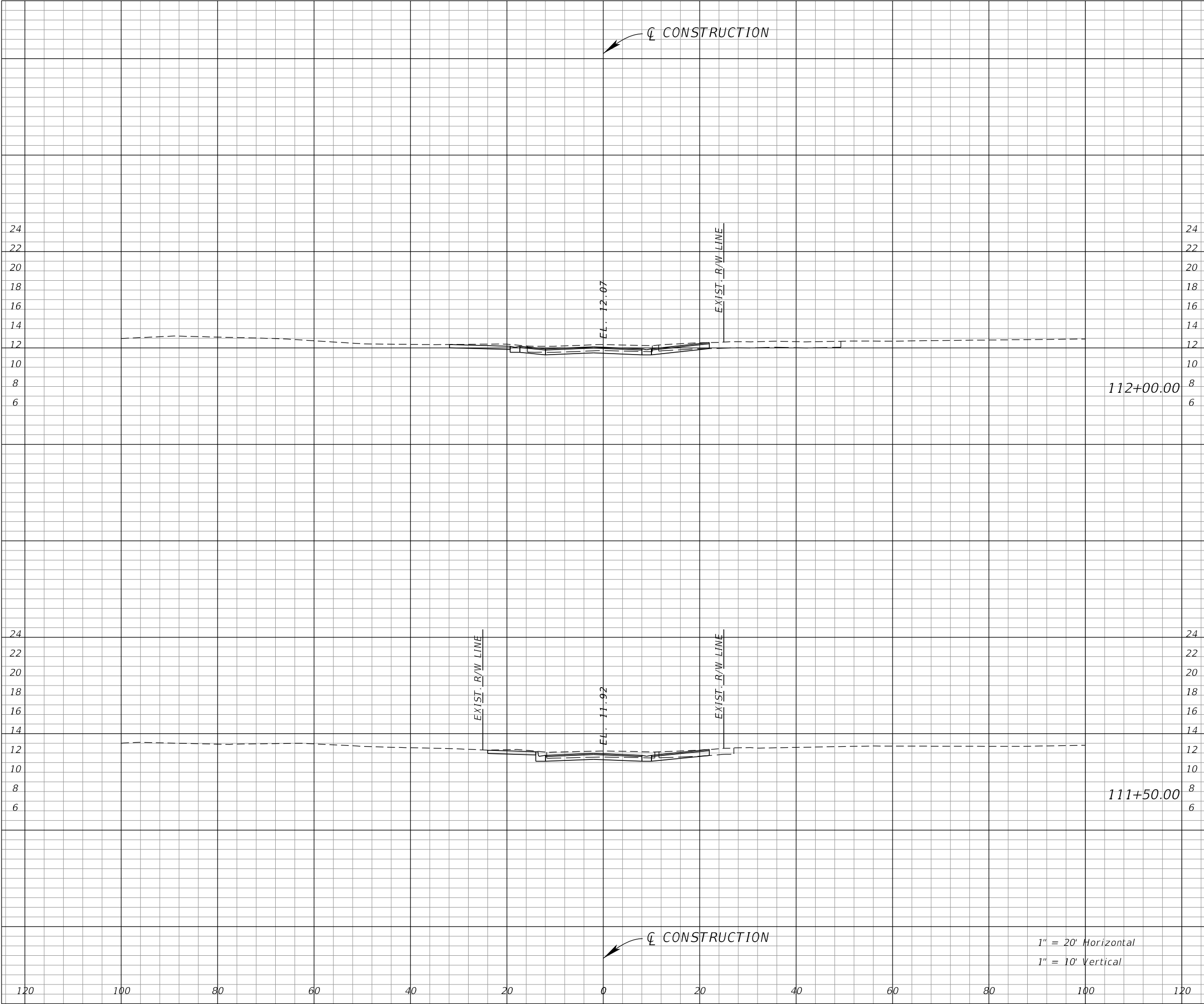
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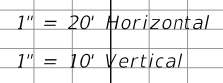
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Regular		Exc.	Embankment									
A	V		A	V								
41												
36												
		71			0			0				



BEACH	FLORIDA	CHECKED BY	MHM	DATE: 6/26/2023
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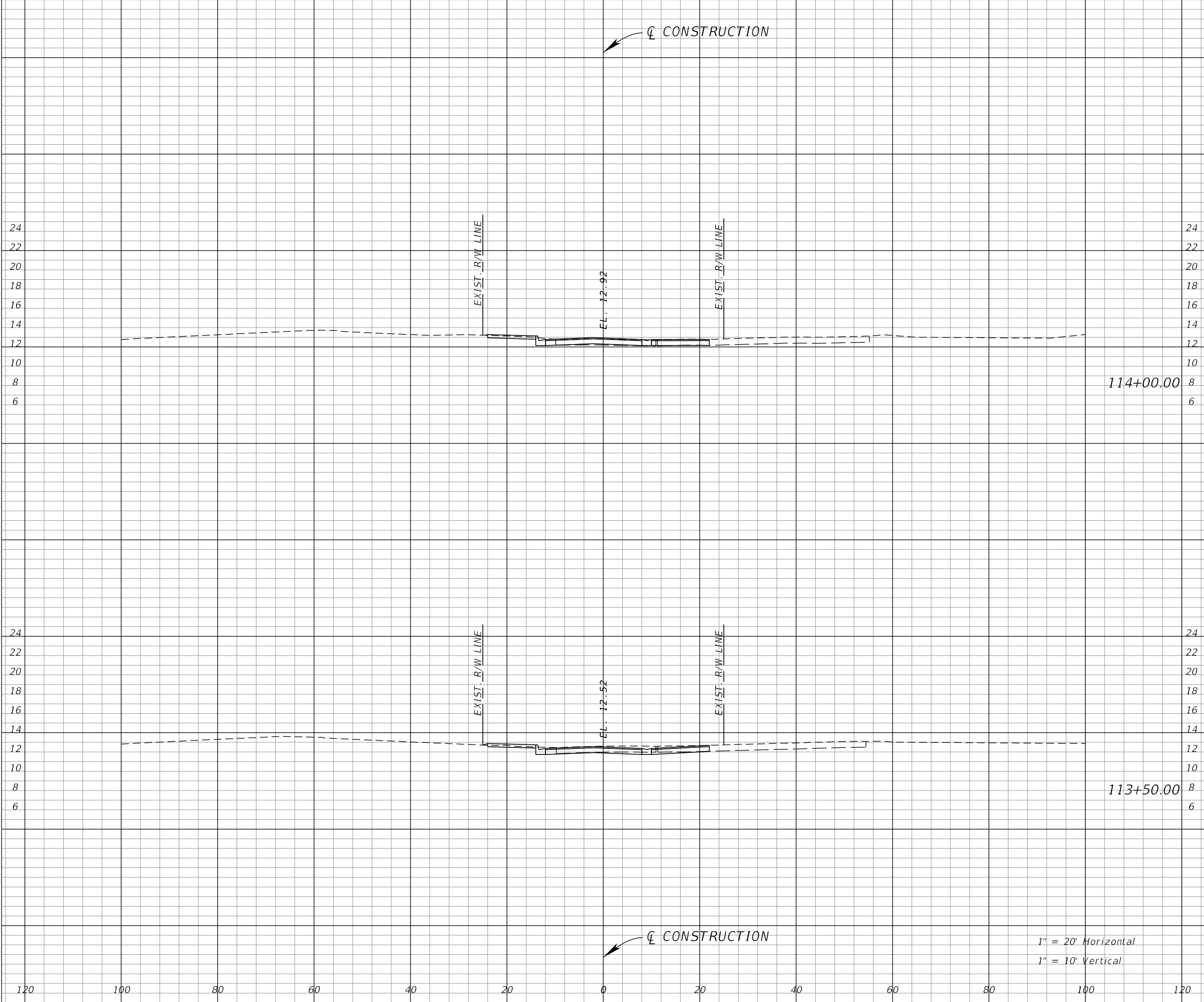
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Regular		Exc.	Embankment	
A		V	A	V
24			0	
		48		0

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
53

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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REVISIONS

DATE

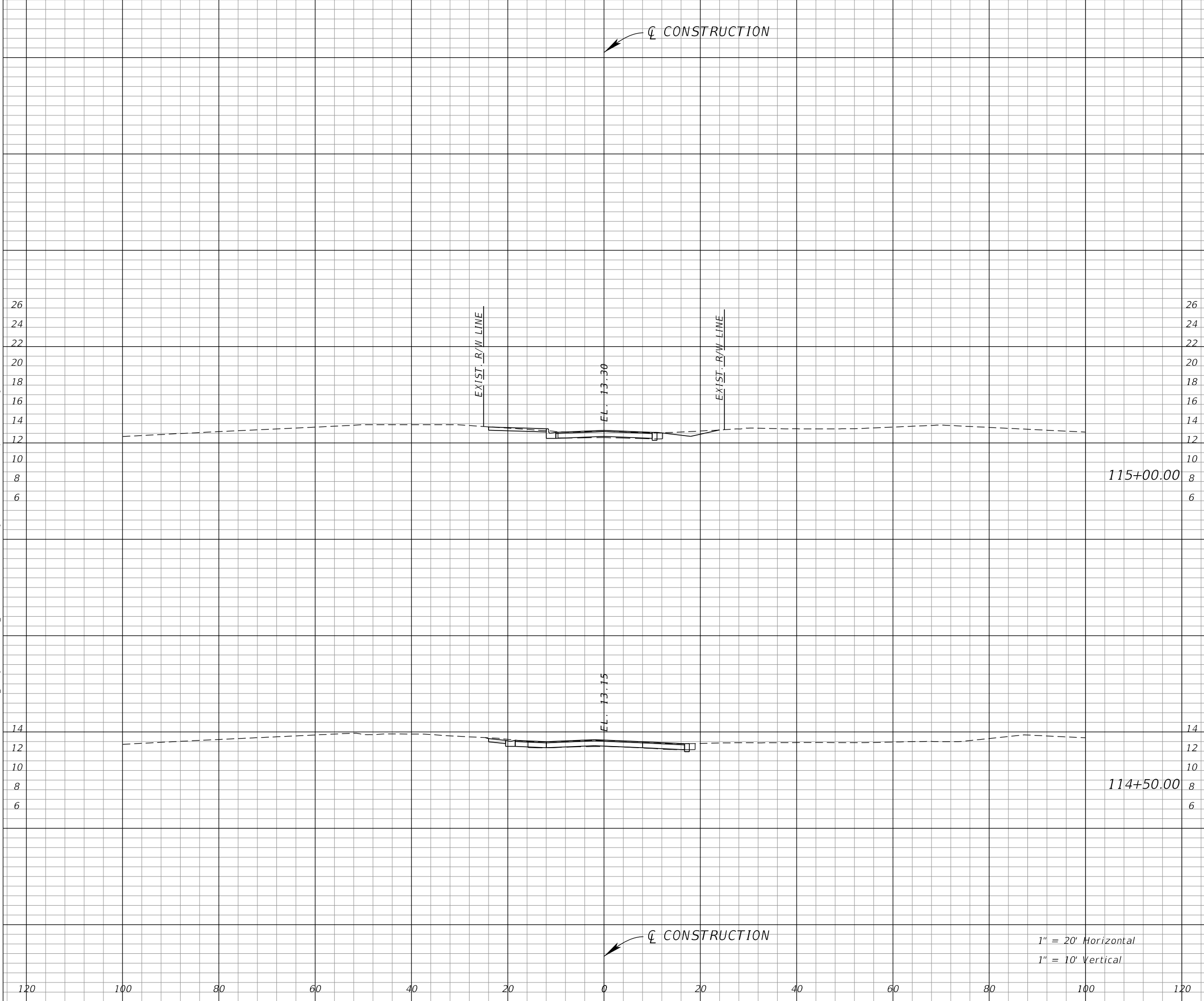
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Regular		Exc.	Embankment		No.	REVISIONS	DATE	BY
A	V	A	V					
19	41	0	0					
25	45	0	0					

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

BOYNTON BEACH

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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SHEET NUMBER
54

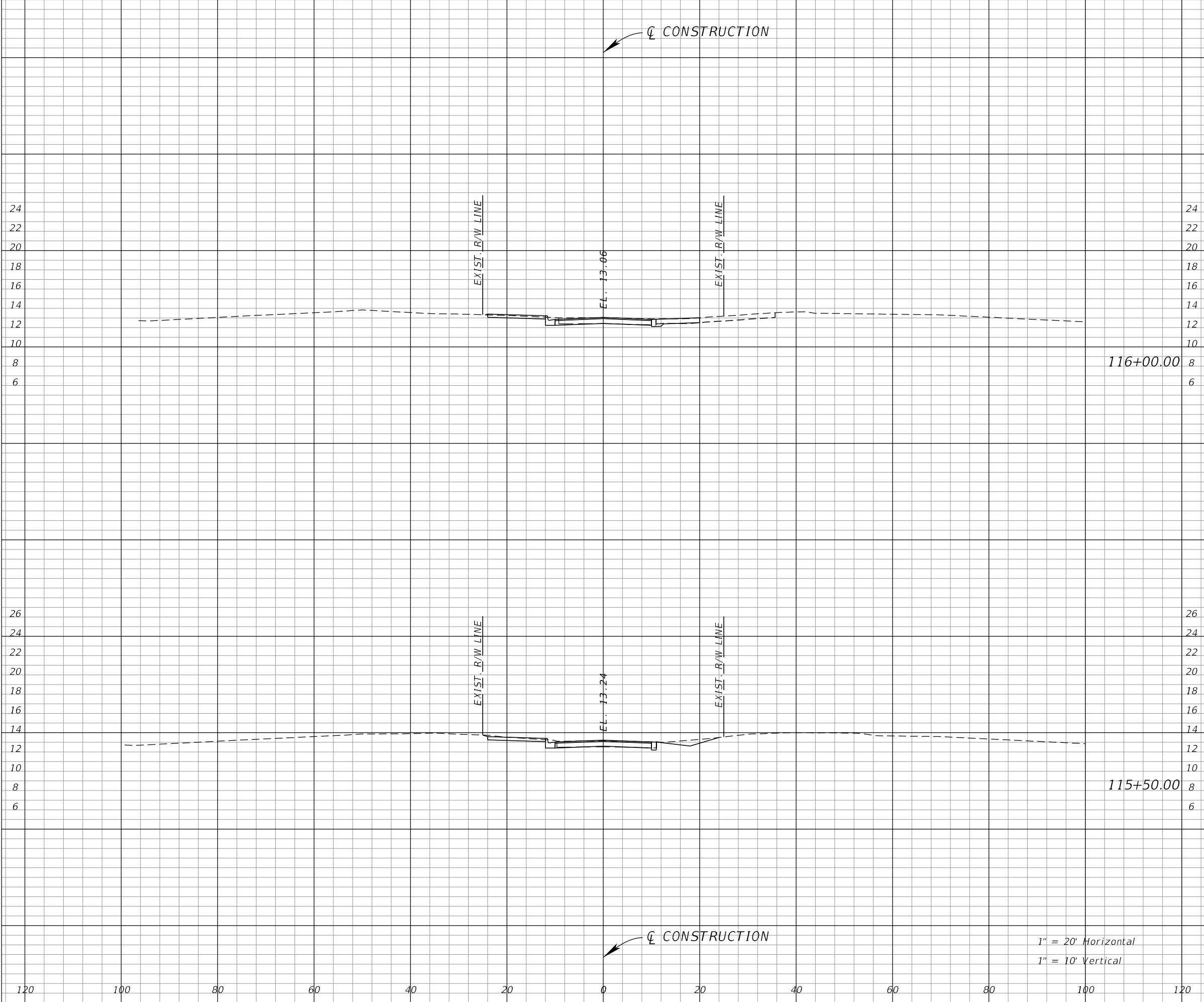
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Regular		Exc.	Embankment	
A	V		A	V
19	38		0	0

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
55

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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DATE

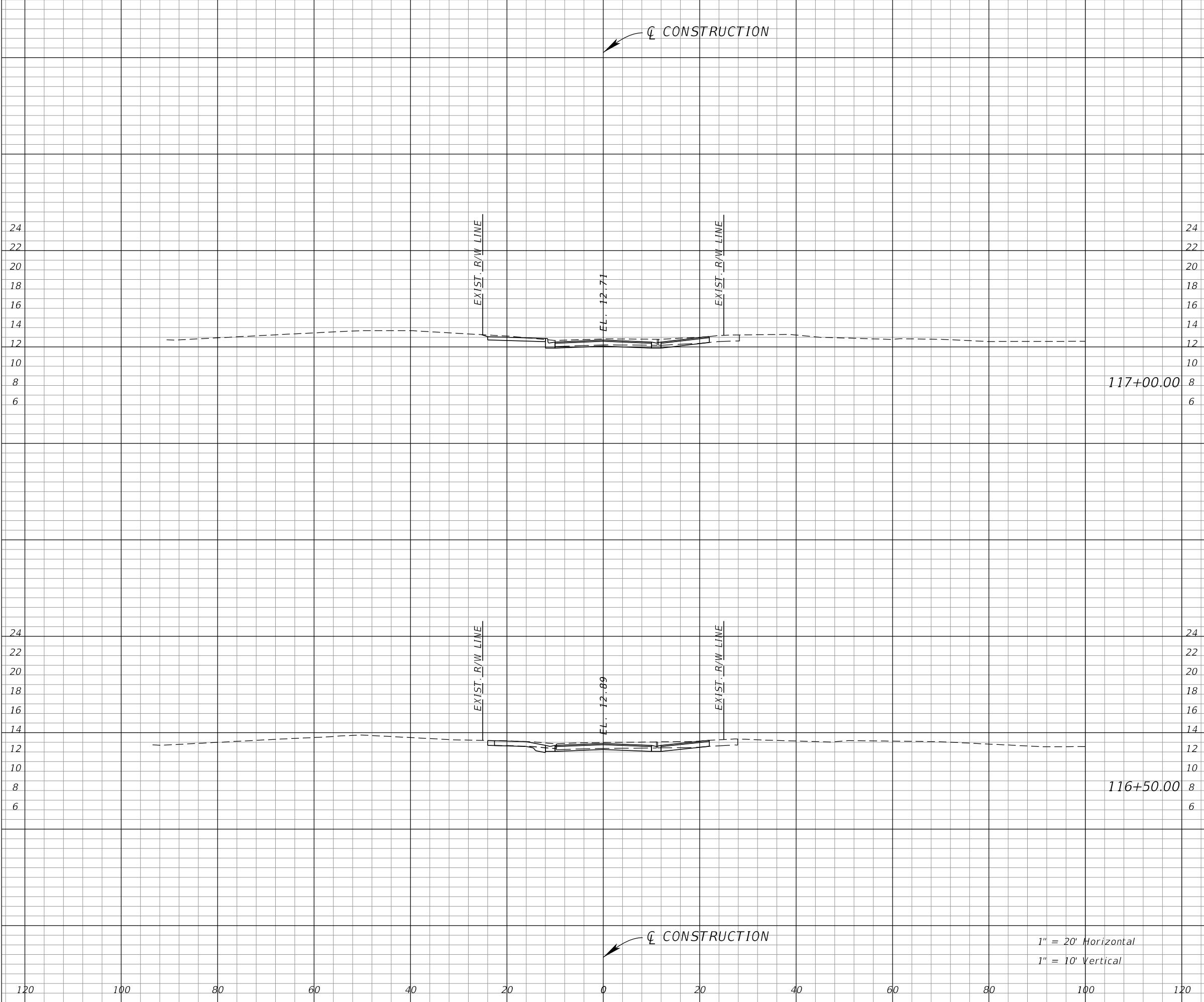
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Regular		Exc.	Embankment	
A	V		A	V
32			0	
	56			0

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

BOYNTON BEACH

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

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LICENSED PROFESSIONAL
ERIC REQUEIRO

FLORIDA LICENSE NUMBER
PE # 86211

DATE: 6/26/2023

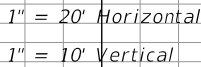
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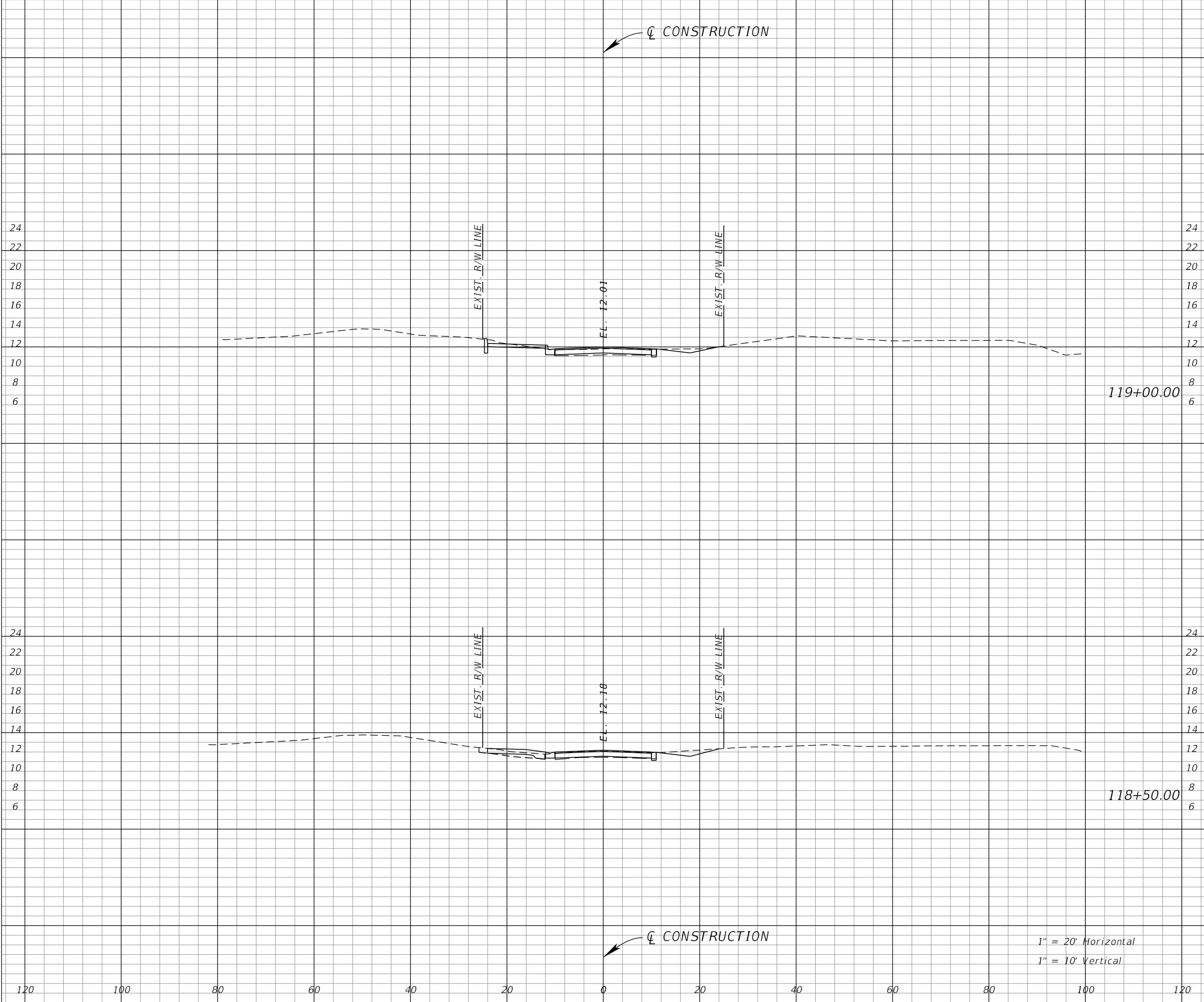
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Regular		Exc.	Embankment	
A	V	A	V	
18		31	0	2

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
58

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
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SCALE 1" = 20'

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ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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No. DATE BY

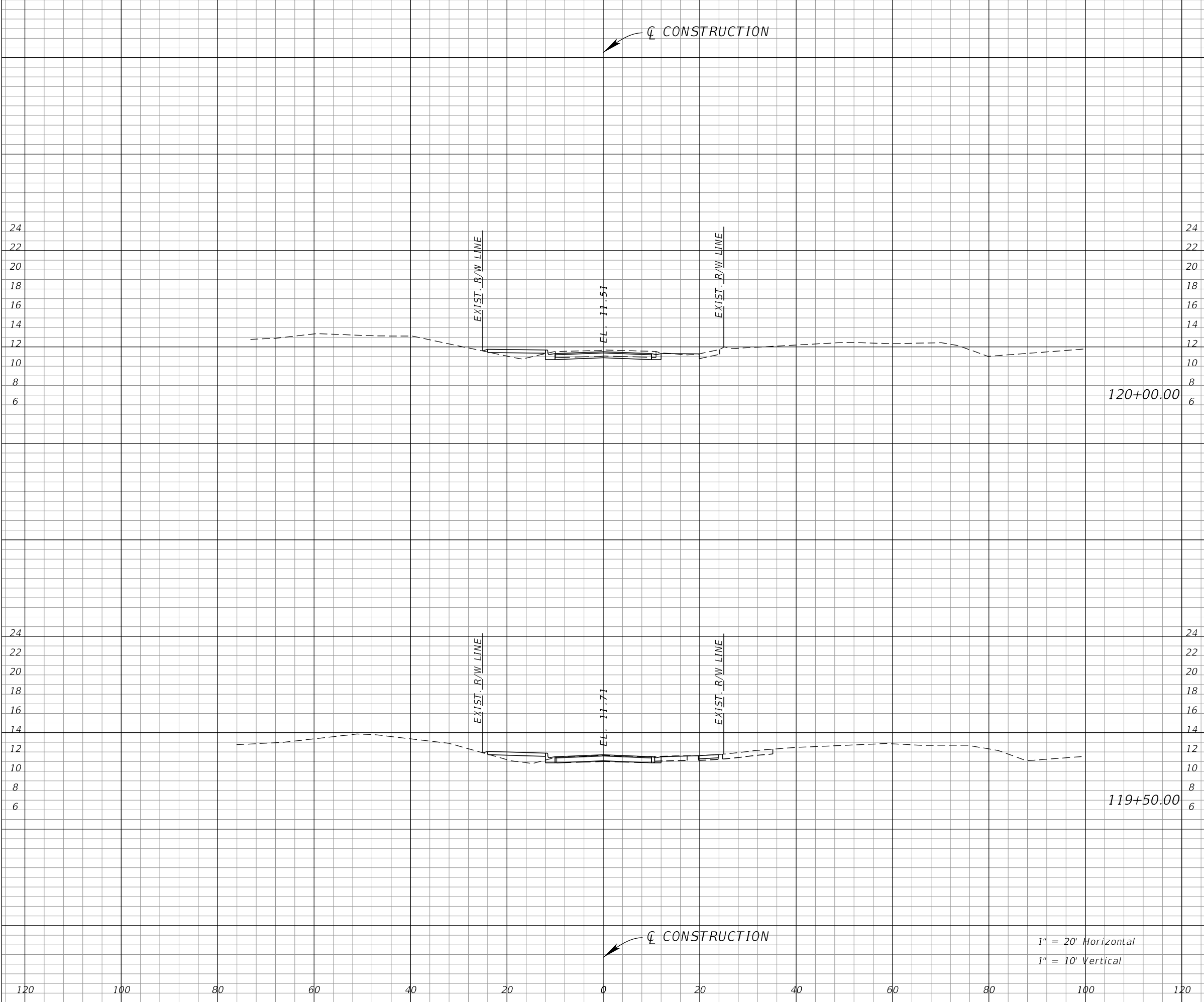
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Regular		Exc.	Embankment	
A	V	A	V	
20				
	31	4		
			12	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
59

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

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LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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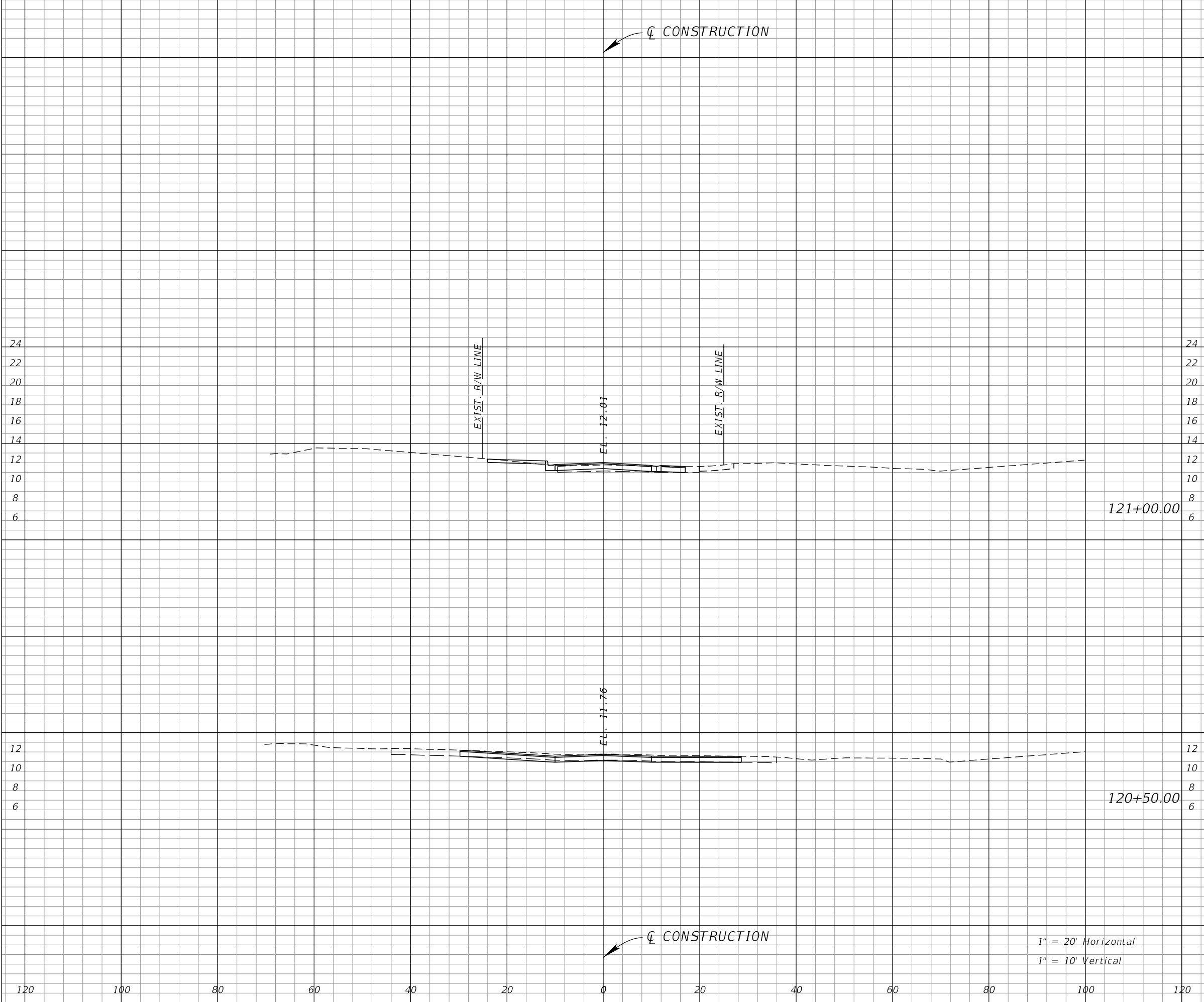
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1" = 20' Horizontal
1" = 10' Vertical

Regular		Exc.	Embankment	
A		V	A	V
16		54	0	0
42		57	0	4

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE 1" = 20'
DESIGNED BY ER
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LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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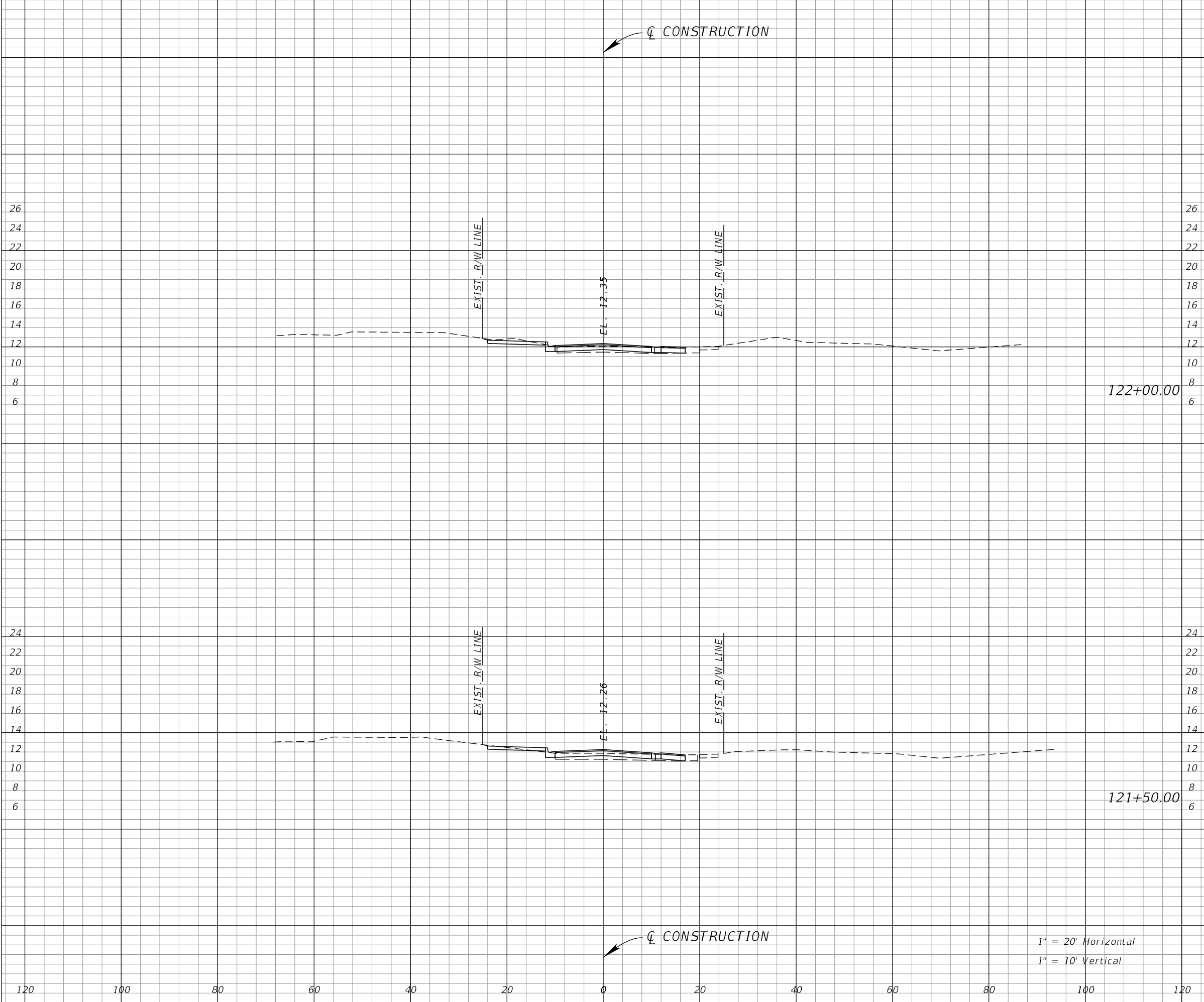
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60

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Regular		Exc.	Embankment	
A	V	A	V	
19	30	0	0	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE 1" = 20'
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ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
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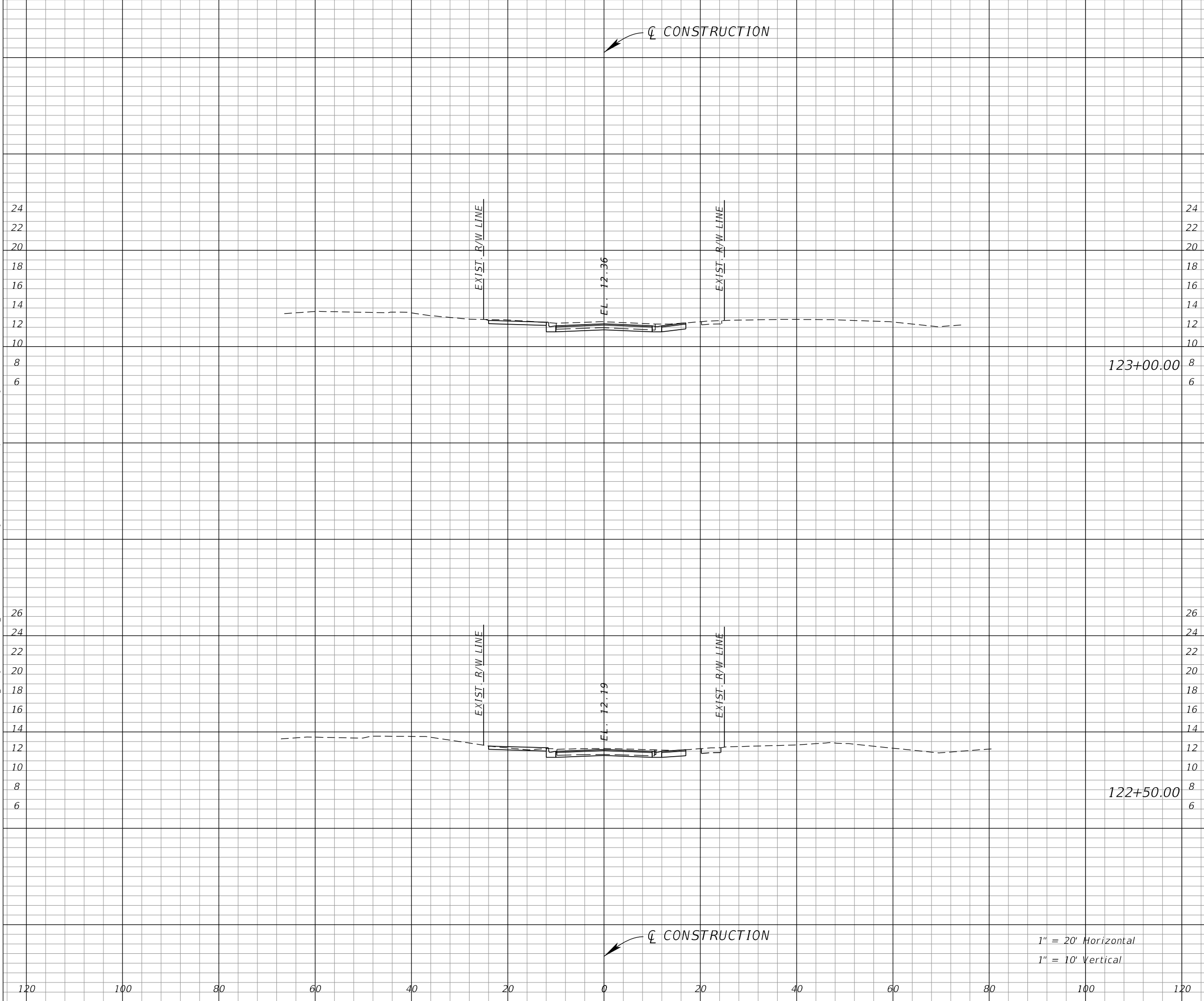
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Regular		Exc.	Embankment	
A	V	A	V	
29		0		
	50		0	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

62

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
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SCALE 1" = 20'

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ERIC REQUEIRO

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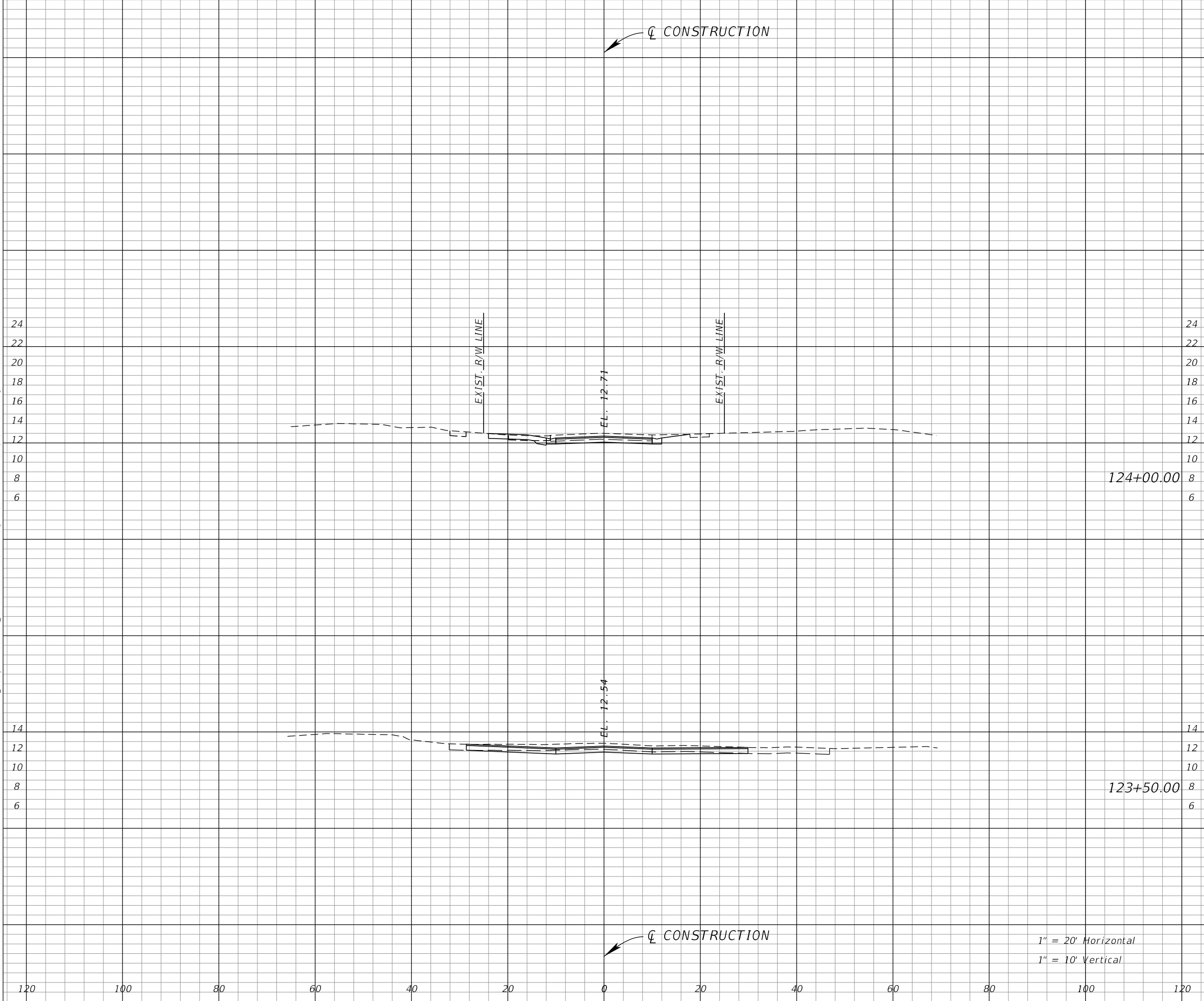
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Regular		Exc.	Embankment	
A	V	A	V	
26		0		
49	72	0		
		0		

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
03

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

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LICENSED PROFESSIONAL

ERIC REQUEIRO

FLORIDA LICENSE NUMBER
PE # 86211

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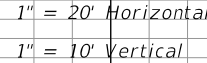
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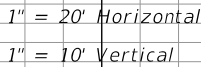
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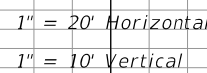
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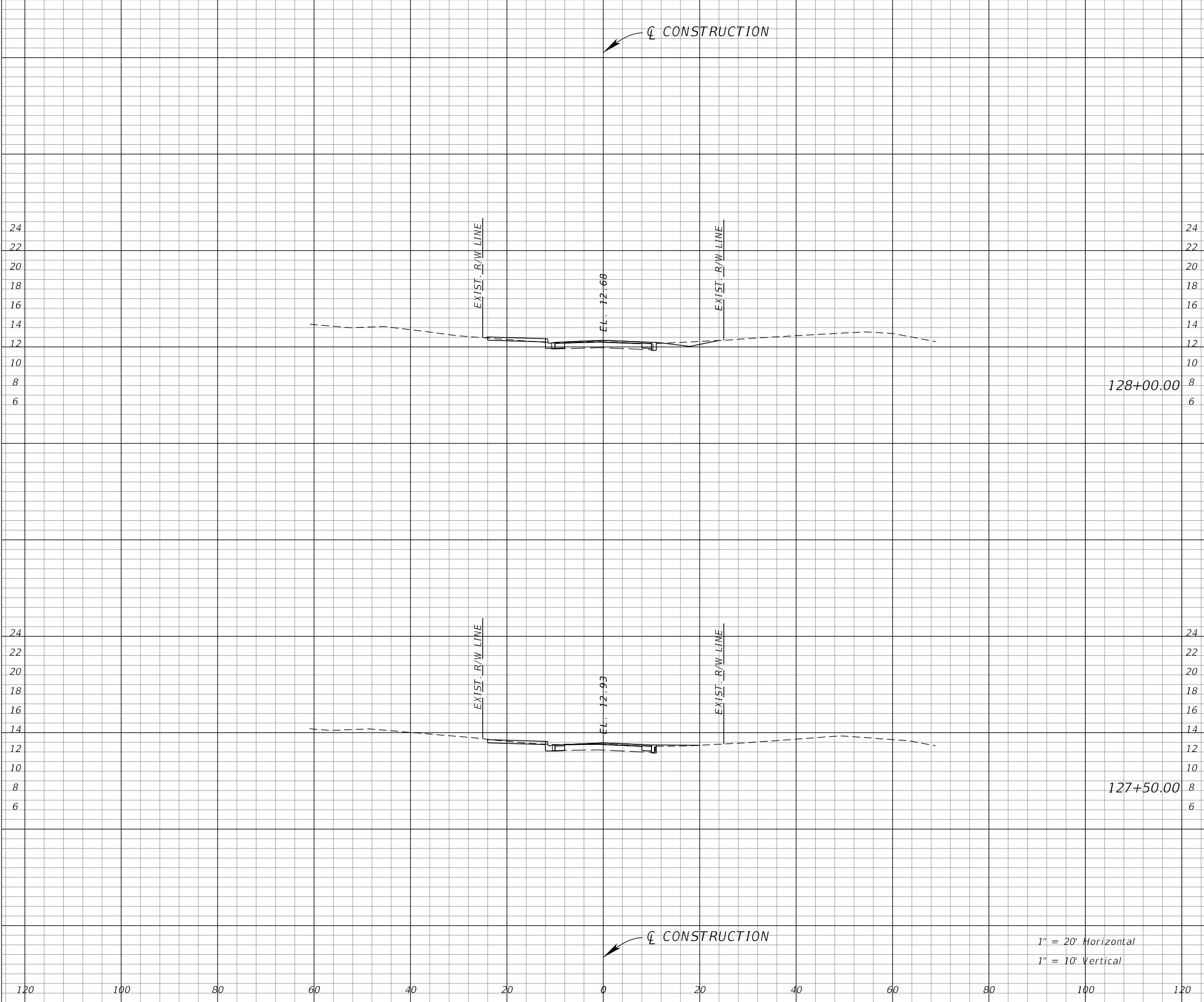
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Regular		Exc.	Embankment	
A	V	A	V	
8				
	13	0		
			1	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
67

CROSS SECTIONS

LICENSED PROFESSIONAL
ERIC REQUEIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

FINANCIAL PROJECT ID
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DATE
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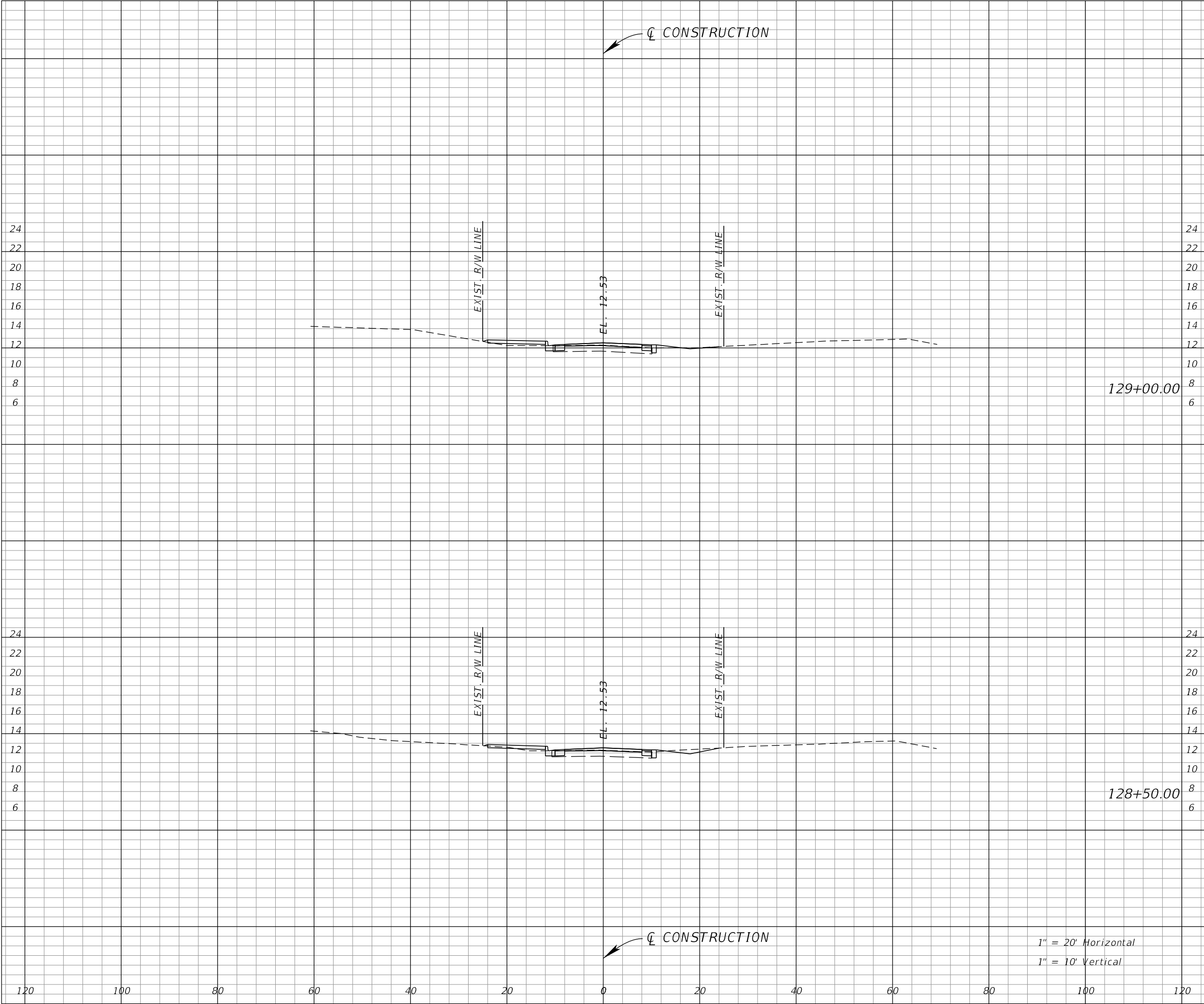
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Regular		Exc.	Embankment			
A	V		A	V		BY
4						
10						
3						
4						

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

68

SHEET NUMBER

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

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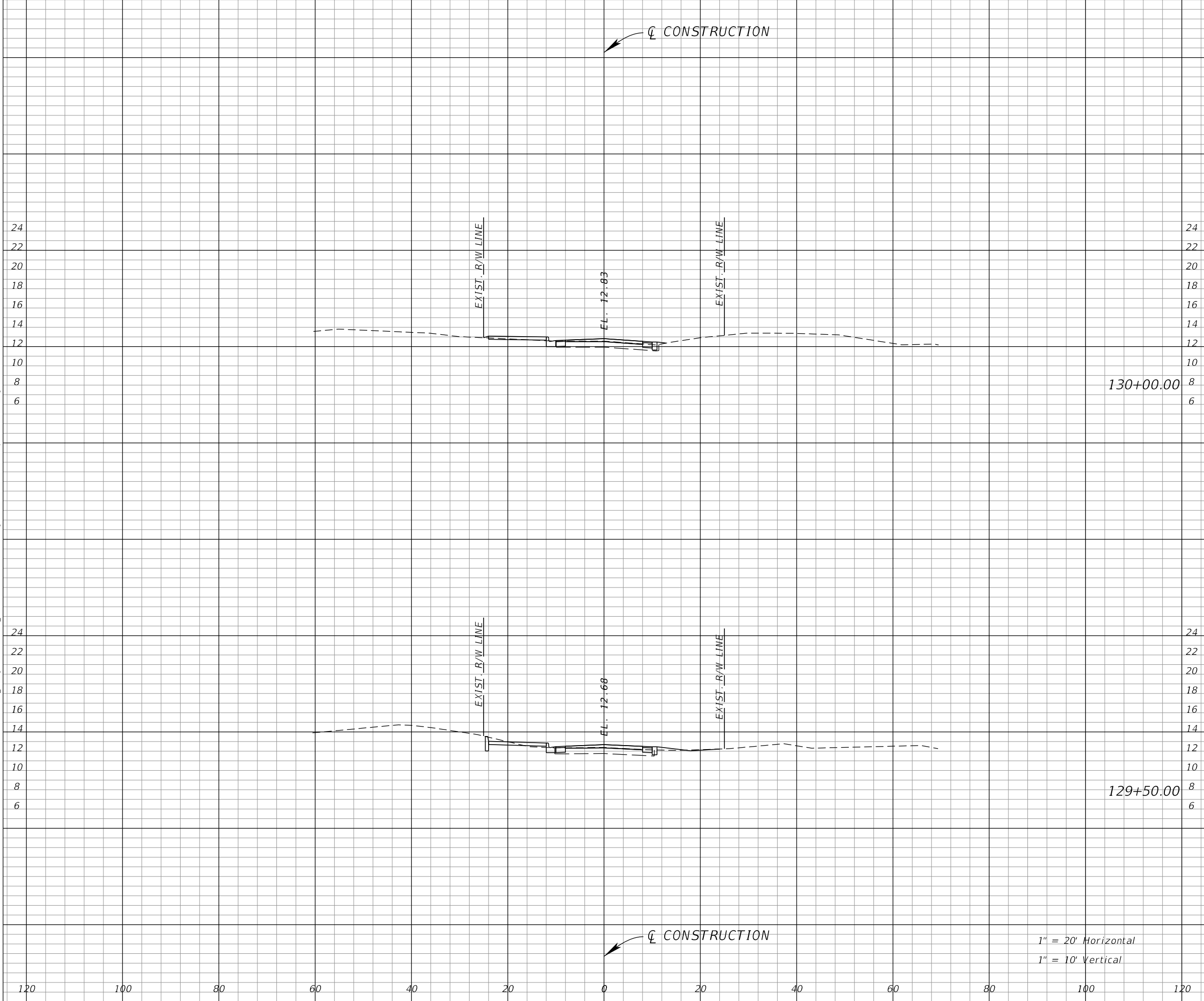
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Regular		Exc.	Embankment			
A	V	A	V	No.	REVISIONS	DATE
4	10	1	3			
7	10	2	5			

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

69

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

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LICENSED PROFESSIONAL
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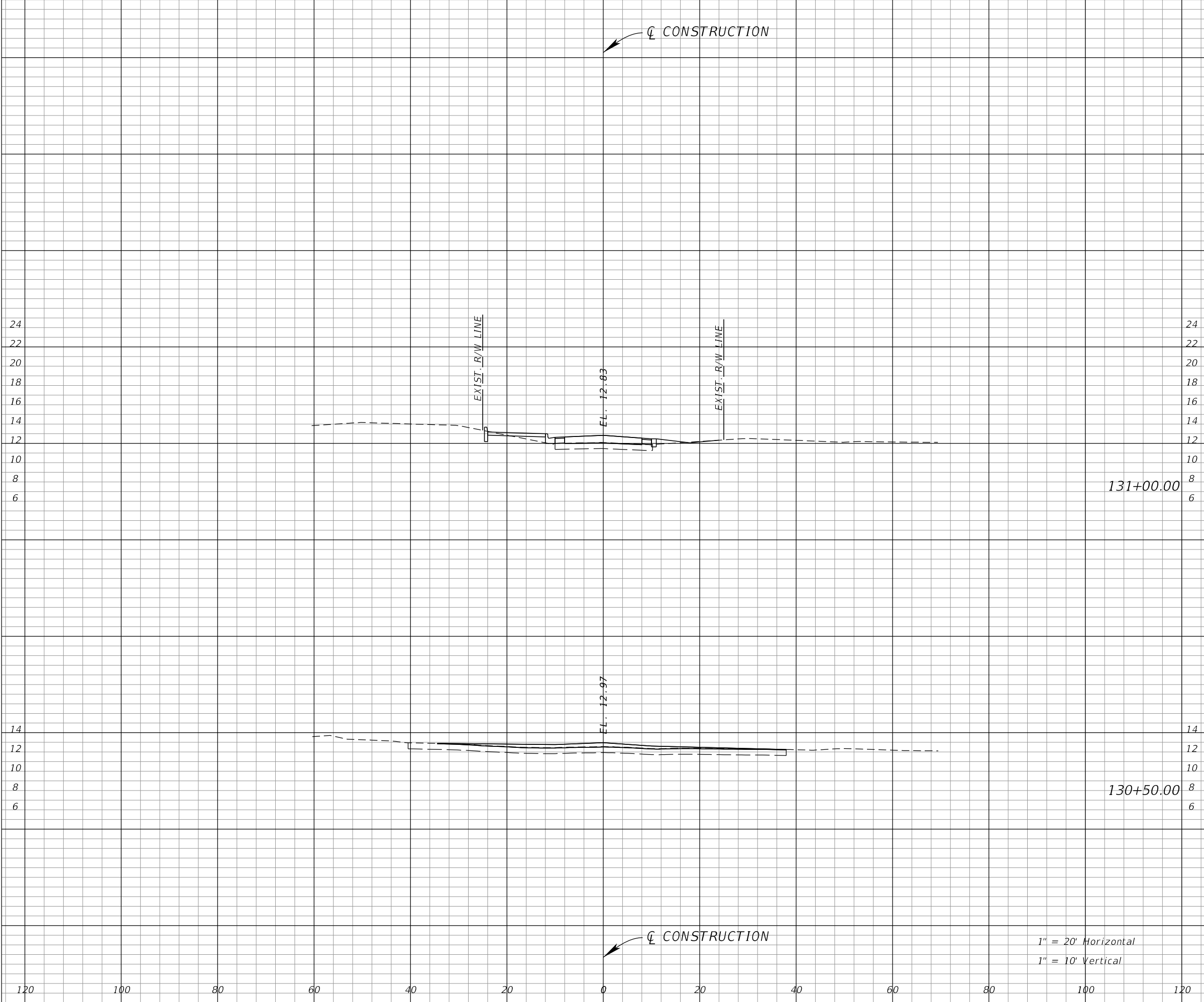
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1" = 20' Horizontal
1" = 10' Vertical

Regular		Exc.	Embankment	
A	V	A	V	
2				
2				
4				
4				

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

BOYNTON BEACH

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

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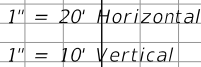
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SHEET NUMBER

70



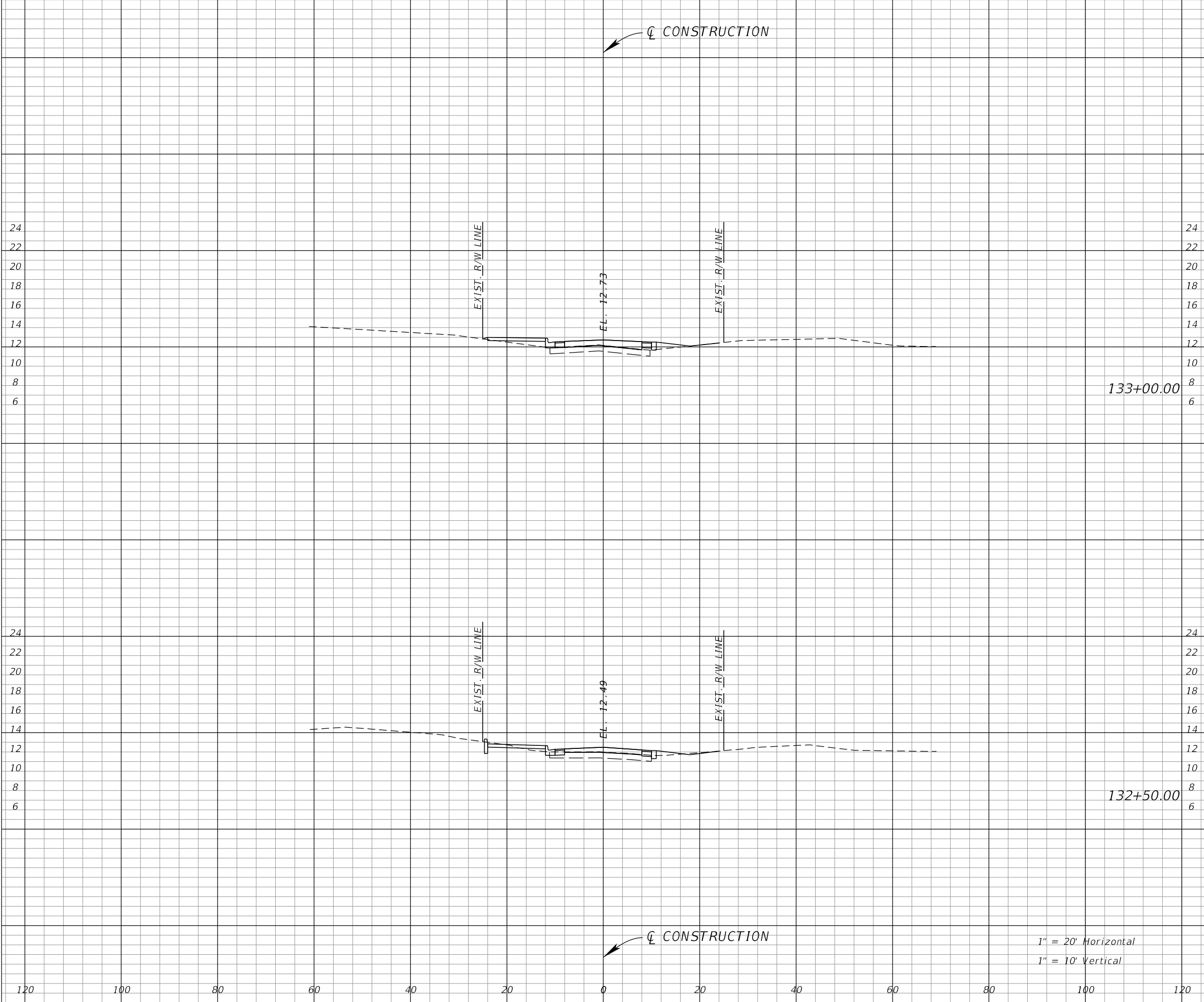
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Regular		Exc.	Embankment	
A	V	A	V	
0	5	6	8	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

BOYNTON BEACH

CROSS SECTIONS

DATE
JUNE 2023

SCALE 1" = 20'

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DRAWN BY BCK

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LICENSED PROFESSIONAL
ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

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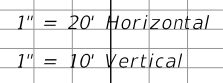
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72

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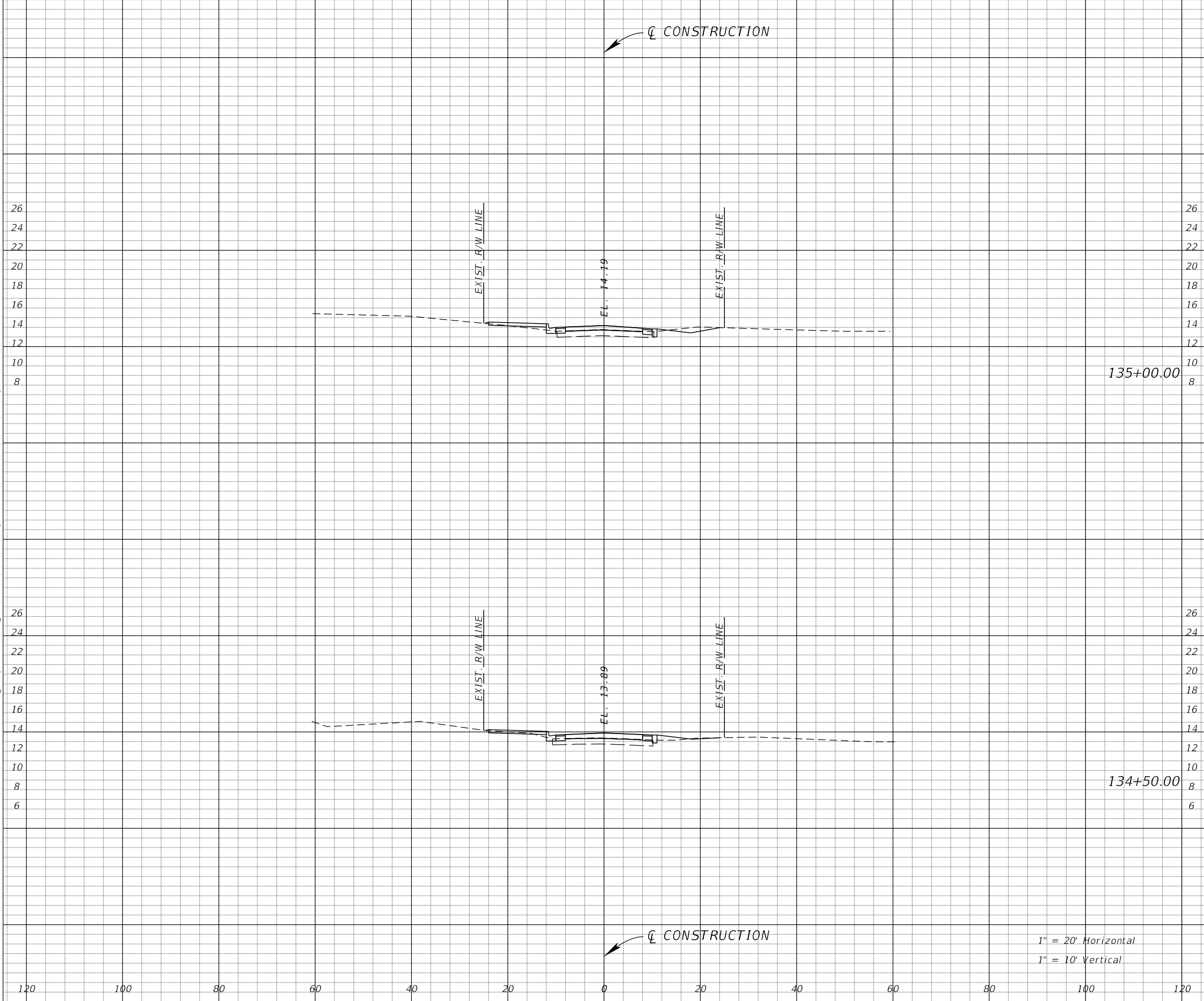
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Regular		Exc.	Embankment	
A	V	A	V	
6				
8				
2				
5				

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

BOYNTON BEACH

CROSS SECTIONS

FLORIDA

FINANCIAL PROJECT ID
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No.

REVISIONS

DATE

BY

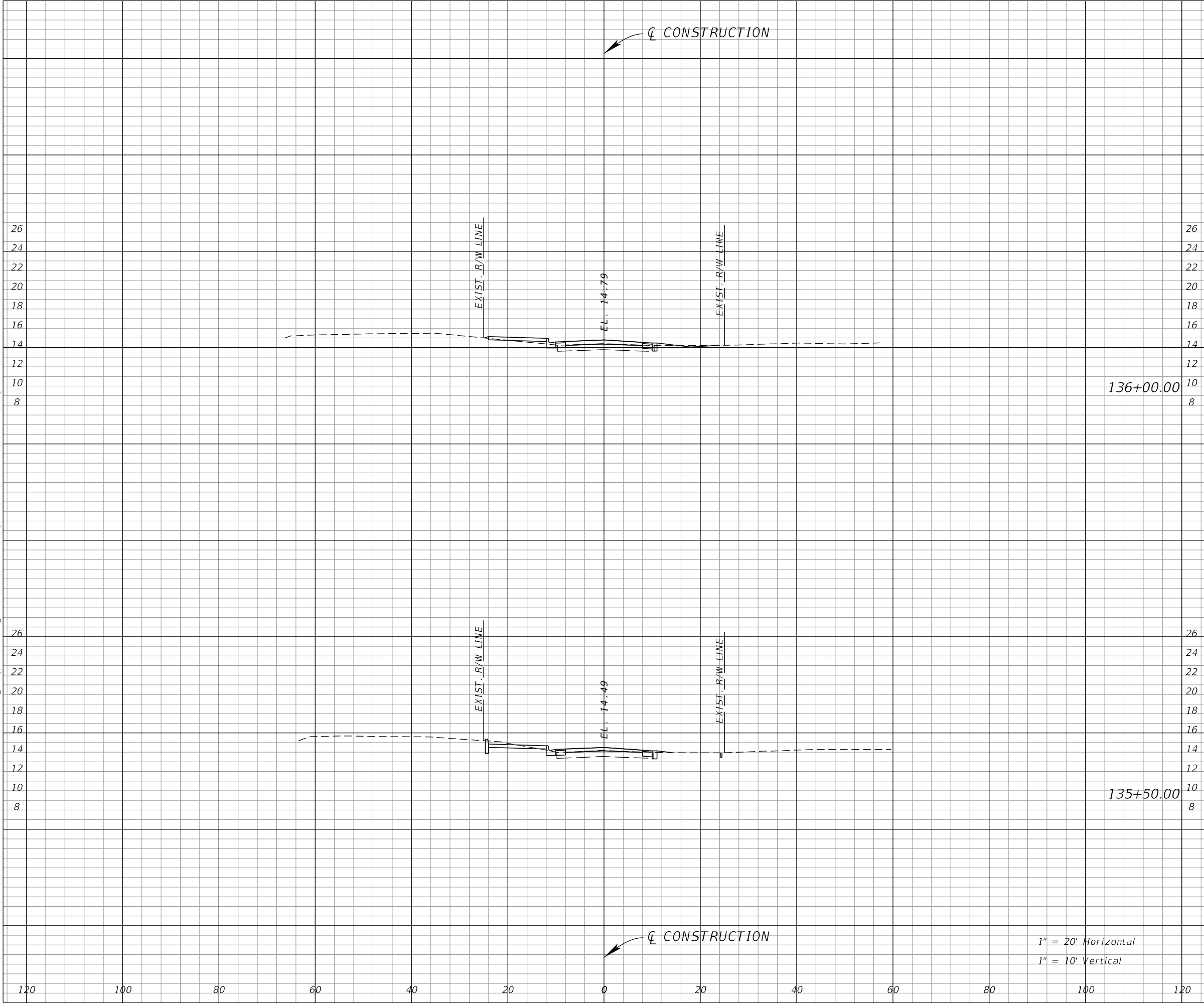
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Regular		Exc.	Embankment																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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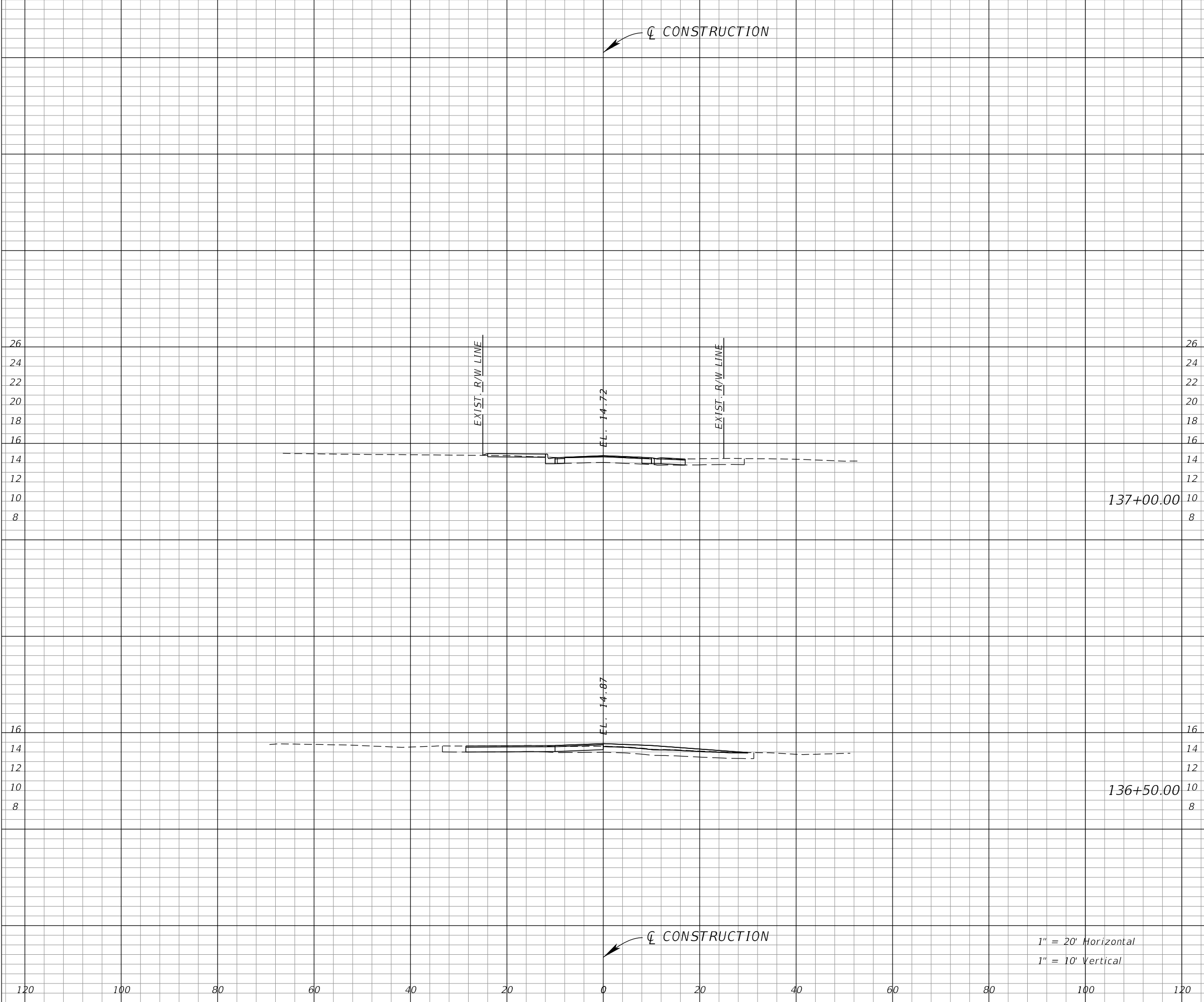
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Regular		Exc.	Embankment	
A	V		A	V
9			0	
	23			0
16			0	
	19			2

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SHEET NUMBER
76

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE 1" = 20'

DESIGNED BY ER

DRAWN BY BCK

CHECKED BY MHM

LICENSED PROFESSIONAL

ERIC REQUEIRO

FLORIDA LICENSE NUMBER
PE # 86211

DATE: 6/26/2023

Kimley»Horn

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1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411
PHONE: 561-845-0865 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 0000696

No.

REVISIONS

DATE

BY

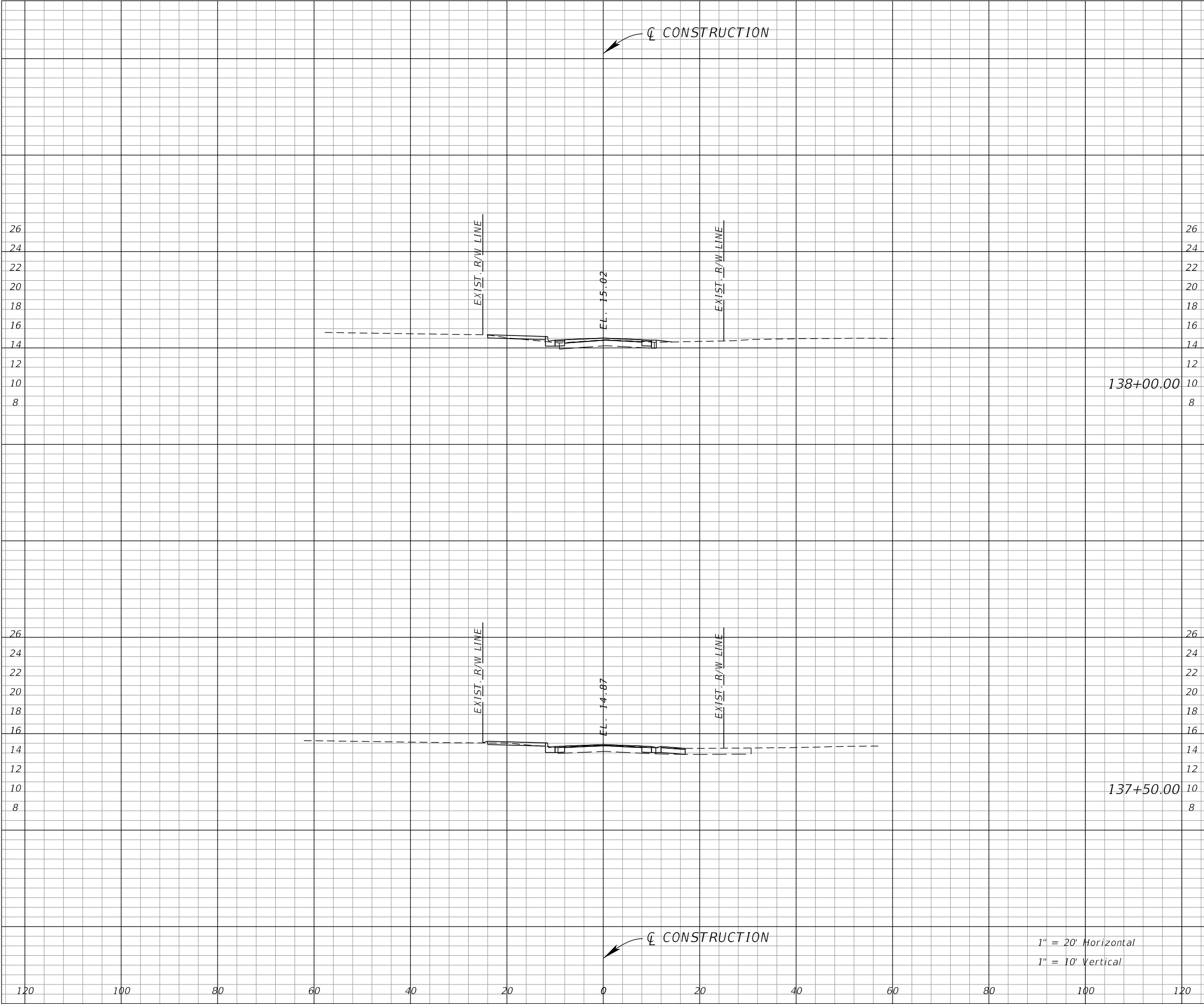
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6/14/2023

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Regular		Exc.	Embankment			
A	V		A	V		BY
4		11	1			
8		16	0			
			1			

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID
446078-1-58-01
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No.	REVISIONS	DATE	BY

SHEET NUMBER
77

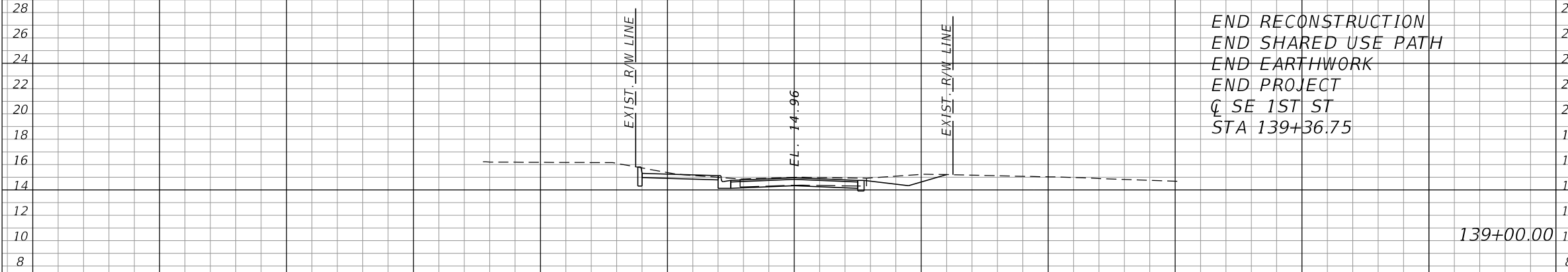
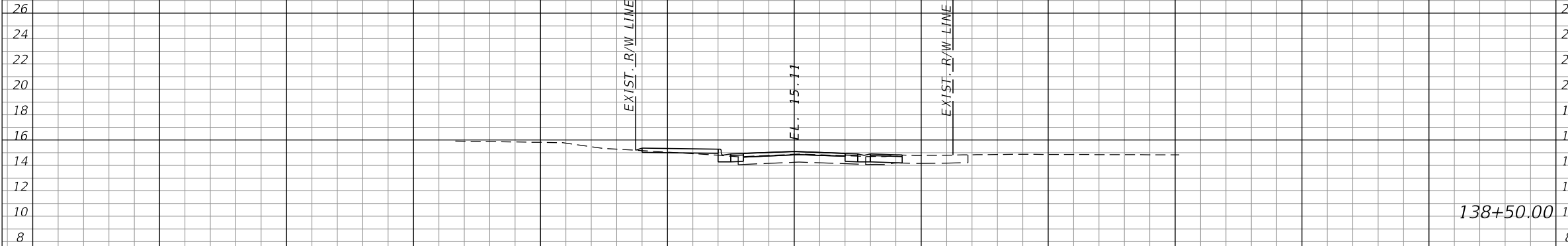
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SE 1ST STREET SUMMARY OF EARTHWORK		
DESCRIPTION	UNIT	QUANTITY
REGULAR EXCAVATION	CY	3064.0
EMBANKMENT	CY	122.0

END RECONSTRUCTION
END SHARED USE PATH
END EARTHWORK
END PROJECT
CL SE 1ST ST
STA 139+36.75

END MILLING, RESURFACING,
AND OVERBUILD
BEGIN RECONSTRUCTION
CL SE 1ST ST
STA 138+80.00

1" = 20' Horizontal
1" = 10' Vertical

Regular	Exc.	Embankment	
		A	V
0	26	0	0
29	33	0	1
7	10	1	2

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

CROSS SECTIONS

FINANCIAL PROJECT ID 446078-1-58-01	DATE JUNE 2023	SCALE 1" = 20'	DESIGNED BY ER	DRAWN BY BCK	CHECKED BY MHM
LICENSED PROFESSIONAL ERIC REQUEIRO FLORIDA LICENSE NUMBER PE # 86211 DATE: 6/26/2023					

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REVISIONS	DATE	BY
No.		

Brandon.Kern 6/14/2023 2:50:39 PM K:\WPB_Design\044349028_SE 1st Street Final Design\044349028\drainage\SWPPRD01.dgn

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THIS PROJECT IS TO PROVIDE SHARED-USE PATH IMPROVEMENTS ON SE 1ST ST FROM E WOOLBRIGHT RD TO SE 2ND AVE, AND SIDEWALK IMPROVEMENTS FOR SE 5TH AVE. THE EXISTING PAVEMENT WILL REQUIRE MILLING AND OVERBUILD AND RECONSTRUCTION TO IMPROVE EXISTING DEFICIENCIES.

DESCRIPTION OF IMPROVEMENTS:
THE MAJOR OBJECTIVES OF THIS PROJECT INCLUDE MILLING, RESURFACING AND OVERBUILDING EXISTING PAVEMENT, ALONG WITH PAVEMENT RECONSTRUCTION. OTHER IMPROVEMENTS INCLUDE INSTALLATION OF SHARED-USE PATHS, SIDEWALK, DRAINAGE IMPROVEMENTS AND MODIFYING THE EXISTING DRAINAGE SYSTEM. THIS PROJECT IS APPROXIMATELY 0.8 MILES.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE FOLLOWING SEQUENCE OF MAJOR ACTIVITIES SHALL BE FOLLOWED UNLESS THE CONTRACTOR PROPOSES AN ALTERNATIVE SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND SEDIMENT AND IS APPROVED BY THE ENGINEER.

SE 1ST ST:
- MAINTAIN ONE LANE OF TRAVEL IN BOTH DIRECTIONS BY SHIFTING TRAFFIC AS NECESSARY.
- CONSTRUCT PROPOSED CURB & GUTTER, DRAINAGE, SIDEWALK, AND SHARED-USE PATH IMPROVEMENTS AS SHOWN IN TRAFFIC CONTROL PLANS.

1.C. AREA ESTIMATES:

TOTAL AREA TO BE DISTURBED: 4.94 AC
TOTAL AREA OF CLEARING AND GRUBBING: 4.05 AC
NEW IMPERVIOUS: 1.01 AC

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.65
DURING: VARIES FROM 0.65 TO 0.79
AFTER: 0.79

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE SANDY.

OUTFALL INFORMATION:

THERE ARE NO OUTFALLS.

1.E. SITE MAP:

THE FOLLOWING INFORMATION IS SHOWN ON THE SPECIFIC PLANS NOTED BELOW.

DRAINAGE PATTERNS: DRAINAGE PATTERNS INCLUDE SHEET FLOW FROM THE ROADWAY INTO ROADSIDE DRY TREATMENT SWALES IN CONJUNCTION WITH EXFILTRATION TRENCH.

APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE TYPICAL SECTIONS.

AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE TYPICAL SECTION SHEETS AND CROSS SECTION SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

AREAS NOT TO BE DISTURBED: ESSENTIALLY THE WHOLE PROJECT WILL BE DISTURBED DURING CONSTRUCTION.

LOCATIONS OF TEMPORARY CONTROLS: SEDIMENT CONTROL DEVICES (INLET PROTECTION SYSTEM AND SEDIMENT BARRIER) WILL BE INSTALLED AROUND THE INLETS. SEDIMENT RUNOFF HAS THE POTENTIAL TO REACH SURFACE WATERS OR OFFSITE STORMWATER COLLECTION FACILITIES.

LOCATIONS OF PERMANENT CONTROLS: PERMANENT SEDIMENT CONTROL DEVICES INCLUDE THE CONSTRUCTION OF STORMWATER DETENTION FACILITIES, INLETS WITH SUMP BOTTOMS, EXFILTRATION TRENCHES, AND SODDING OF SIDE SLOPES.

AREAS TO BE STABILIZED: PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION.

SURFACE WATERS: NO SURFACE WATERS ARE PRESENT WITHIN PROJECT LIMITS.

DISCHARGE POINTS TO SURFACE WATERS: THERE IS NO DISCHARGE TO SURFACE WATERS.

1.F. RECEIVING WATERS:

THERE ARE NO WETLAND AREAS ON THE PROJECT SITE.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SECTION 104 EROSION CONTROL PLAN, CONTRACTOR SHALL DESCRIBE THE PROPOSED EROSION CONTROL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TRAFFIC CONTROL PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TRAFFIC CONTROL PLANS. WHERE FOLLOWING THE TRAFFIC CONTROL PLANS OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OF MODIFY THEM IN THE SECTION 104 EROSION CONTROL PLAN, SUBJECT TO APPROVAL OF THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATIONS, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

2.A.1 STABILIZATION PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS PRIOR TO BEGINNING WORK. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:

INLET PROTECTION SYSTEM AND SEDIMENT BARRIER IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

ASPHALT OR CONCRETE SURFACE.
PERFORMANCE TURF.

2.A.2 STRUCTURAL PRACTICES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:

SEDIMENT BARRIERS IN ACCORDANCE WITH SPECIFICATION SECTION 104.

INLET PROTECTION IN ACCORDANCE WITH SPECIFICATION SECTION 104.

PERMANENT:

PERFORMANCE TURF/SODDING IN ACCORDANCE OF SPECIFICATION SECTION 570.

2.B STORMWATER MANAGEMENT:

THE STORMWATER MANAGEMENT FOR THIS PROJECT CONSISTS OF A COMBINATION OF CURB INLETS, EXFILTRATION TRENCHES, FRENCH DRAINS, AND DRY SWALES.

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

79

SHEET NUMBER

STORMWATER
POLLUTION
PREVENTION PLAN

FINANCIAL PROJECT ID
446078-1-58-01

DATE
JUNE 2023

SCALE
N.T.S.

DESIGNED BY
ER

DRAWN BY
BCK

CHECKED BY
MHM

LICENSED PROFESSIONAL

ERIC REQUEIRO

FLORIDA LICENSE NUMBER
PE # 86211

DATE: 6/26/2023

Kimley»Horn

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REVISIONS

No.

DATE

BY

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IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT THE NO. _____
TO FDEP NO LESS THAN 48 HOURS PRIOR TO THE START OF
CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR
PROVIDING PROOF OF MAIL DATE TO THE PROJECT
ADMINISTRATOR.

SHEET NUMBER
80

1. *INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.*
2. *SET UP TRAFFIC CONTROL DEVICES, TEMPORARY SIGNS, BARRICADES, PCMS, AND ADVANCE WARNING ARROW PANELS AS NECESSARY PER STANDARD PLANS INDICES 102-600 SERIES AS NECESSARY.*
3. *CONSTRUCT TEMPORARY ASPHALT ADJACENT TO EAST SIDE OF SE 1ST STREET.*
4. *THE PREFERRED TRAVEL LANE WIDTH IS 10', AND THE MINIMUM TRAVEL LANE WIDTH IS 9'.*
5. *DURING ROADWAY CONSTRUCTION TIMES WHERE EXISTING PAVEMENT DOES NOT ALLOW FOR TWO LANES OF TRAFFIC, ESTABLISH ONE 11' TRAVEL LANE AND USE FLAGGING OPERATIONS TO MAINTAIN TRAFFIC.*
6. *DURING CONSTRUCTION TIMES WHERE NO ROADWAY WORK IS BEING PERFORMED, EXISTING TRAVEL LANES SHALL BE MAINTAINED.*
7. *PERFORM CONSTRUCTION ACTIVITIES WITHIN WORK ZONE.*
8. *BEFORE THE END OF THE CONSTRUCTION DAY, REMOVE OR RELOCATE TRAFFIC CONTROL DEVICES, BARRICADES, PCMS, AND ADVANCE WARNING ARROW PANELS. COVER TEMPORARY LANE CLOSURE SIGNS. OPEN TRAFFIC TO ALL TRAVEL LANES.*



1. *INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.*
2. *SET UP TRAFFIC CONTROL DEVICES, TEMPORARY SIGNS, BARRICADES, PCMS, AND ADVANCE WARNING ARROW PANELS AS NECESSARY PER STANDARD PLANS INDICES 102-600 SERIES AS NECESSARY.*
3. *DURING ROADWAY CONSTRUCTION TIMES WHERE EXISTING PAVEMENT DOES NOT ALLOW FOR TWO LANES OF TRAFFIC, ESTABLISH ONE 11' TRAVEL LANE AND USE FLAGGING OPERATIONS TO MAINTAIN TRAFFIC.*
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5. *PERFORM CONSTRUCTION ACTIVITIES WITHIN WORK ZONE.*
6. *BEFORE THE END OF THE CONSTRUCTION DAY, REMOVE OR RELOCATE TRAFFIC CONTROL DEVICES, BARRICADES, PCMS, AND ADVANCE WARNING ARROW PANELS. COVER TEMPORARY LANE CLOSURE SIGNS. OPEN TRAFFIC TO ALL TRAVEL LANES.*



1. *INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.*
2. *SET UP TRAFFIC CONTROL DEVICES, TEMPORARY SIGNS, BARRICADES, PCMS, AND ADVANCE WARNING ARROW PANELS AS NECESSARY PER STANDARD PLANS INDICES 102-600 SERIES AS NECESSARY.*
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Brandon Kern

SUMMARY OF VERIFIED UTILITIES									
Vvh #	UTILITY DESCRIPTION (Owner , Type)	SIZE	MATERIALS	⌀ and/or ⌀			EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
				STATION	OFFSET	LT/RT			
1	WATER MAIN	6"	UNKNOWN	105+99.56	69.45	LT	12.18	9.02	PIPE IN POOR CONDITION
2	WATER MAIN	6"	CAST IRON	103+16.61	56.36	LT	12.06	9.91	
3	WATER MAIN	6"	UNKNOWN	111+68.73	61.85	LT	12.83	9.26	PIPE IN POOR CONDITION
4	WATER MAIN	24"	DUCTILE IRON	120+34.87	6.43	LT	11.68	8.73	
5	STORM WATER	15"	CMP	120+45.60	39.02	RT	11.28	8.91	
6	WATER MAIN	24"	DUCTILE IRON	117+41.73	7.82	LT	12.64	10.02	
7	WATER MAIN	UNKNOWN	UNKNOWN	114+60.14	7.29	LT	13.17	10.13	ENCOUNTERED GROUND WATER
8	BURIED ELECTRIC	10"	CAST IRON	114+70.80	15.25	RT	12.86	10.24	
9	WATER MAIN	24"	UNKNOWN	126+55.92	7.56	LT	13.48	10.71	PIPE IN POOR CONDITION
10	WATER MAIN	24"	UNKNOWN	123+33.26	7.93	LT	12.74	9.96	PIPE IN POOR CONDITION
11	BURIED ELECTRIC	12"	CAST IRON	123+44.24	13.10	RT	12.55	9.93	
12	SANITARY SEWER	6"	CLAY	123+47.86	40.84	RT	12.36	9.04	
13	WATER MAIN	24"	UNKNOWN	133+62.42	7.55	LT	12.69	10.04	PIPE IN POOR CONDITION
14	BURIED ELECTRIC	4"	CAST IRON	133+49.54	15.52	RT	12.40	10.04	
14A	BURIED ELECTRIC	UNKNOWN	CAST IRON	133+47.44	13.95	RT	12.38	9.62	ROCKS ON UTILITY
15	WATER MAIN	24"	CAST IRON	130+49.55	11.82	LT	12.46	9.91	
16	WATER MAIN	24"	UNKNOWN	136+64.18	6.99	LT	14.44	11.73	PIPE IN POOR CONDITION
17	BURIED ELECTRIC	2"	PLASTIC	103+74.16	24.13	LT	11.63	9.44	
18	BURIED TELEPHONE	0.5"	DIRECT BURIED	104+98.05	15.78	LT	11.10	10.06	
19	BURIED TELEPHONE	0.5"	DIRECT BURIED	113+13.40	11.33	LT	12.28	9.18	
20	BURIED TELEPHONE	0.5"	DIRECT BURIED	116+10.29	10.49	LT	13.00	10.06	
21	BURIED TELEPHONE	0.5"	DIRECT BURIED	119+03.60	9.38	LT	11.73	8.91	
22	BURIED TELEPHONE	4"	DIRECT BURIED	121+90.86	18.38	LT	12.46	10.61	
23	BURIED FIBER OPTIC	4"	PLASTIC	124+09.12	14.03	LT	12.72	10.29	
24A	BURIED TELEPHONE	1.5"	DIRECT BURIED	125+08.67	18.36	LT	13.40	10.65	
24B	BURIED TELEPHONE	1.5"	DIRECT BURIED	125+08.59	15.96	LT	13.31	11.19	
25	BURIED TELEPHONE	2"	DIRECT BURIED	124+90.11	9.87	LT	12.83	11.17	
26	BURIED ELECTRIC	12"	DUCTILE IRON	128+67.33	13.86	RT	12.18	9.34	
27	BURIED FIBER OPTIC	2"	DIRECT BURIED	131+91.60	19.72	LT	12.31	10.26	
28	BURIED TELEPHONE	1"	DIRECT BURIED	131+95.81	13.59	LT	11.92	9.82	
29	BURIED TELEPHONE	1"	DIRECT BURIED	131+98.41	20.41	RT	12.15	8.55	
30	BURIED TELEPHONE	1.5"	DIRECT BURIED	134+45.30	20.23	LT	13.87	10.46	
31	BURIED TELEPHONE	(2)X2" & 2.5"	DIRECT BURIED	138+85.39	18.37	LT	15.42	13.47	
32	BURIED ELECTRIC	12"	DUCTILE IRON	139+00.50	14.00	RT	15.02	11.21	

SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SUMMARY OF
VERIFIED UTILITIES

FINANCIAL PROJECT ID 446078-1-58-01	DATE JUNE 2023	SCALE N.T.S.	DESIGNED BY ER	DRAWN BY BCK	CHECKED BY MHM
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LICENSED PROFESSIONAL

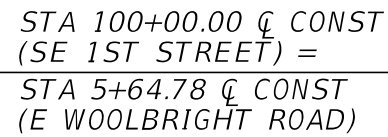
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1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411
PHONE: 561-845-0665 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 00000696

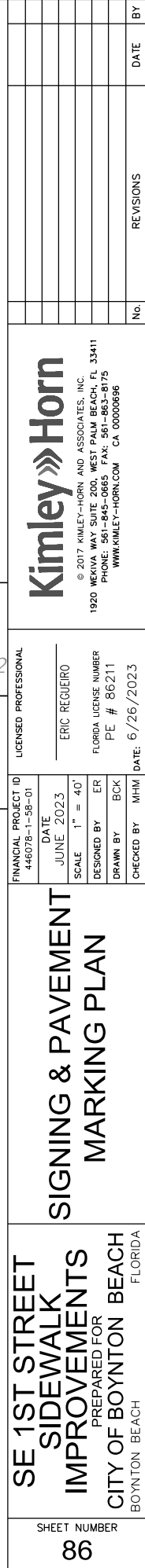
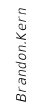
ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE: 6/26/2023

No.	REVISIONS	DATE	BY

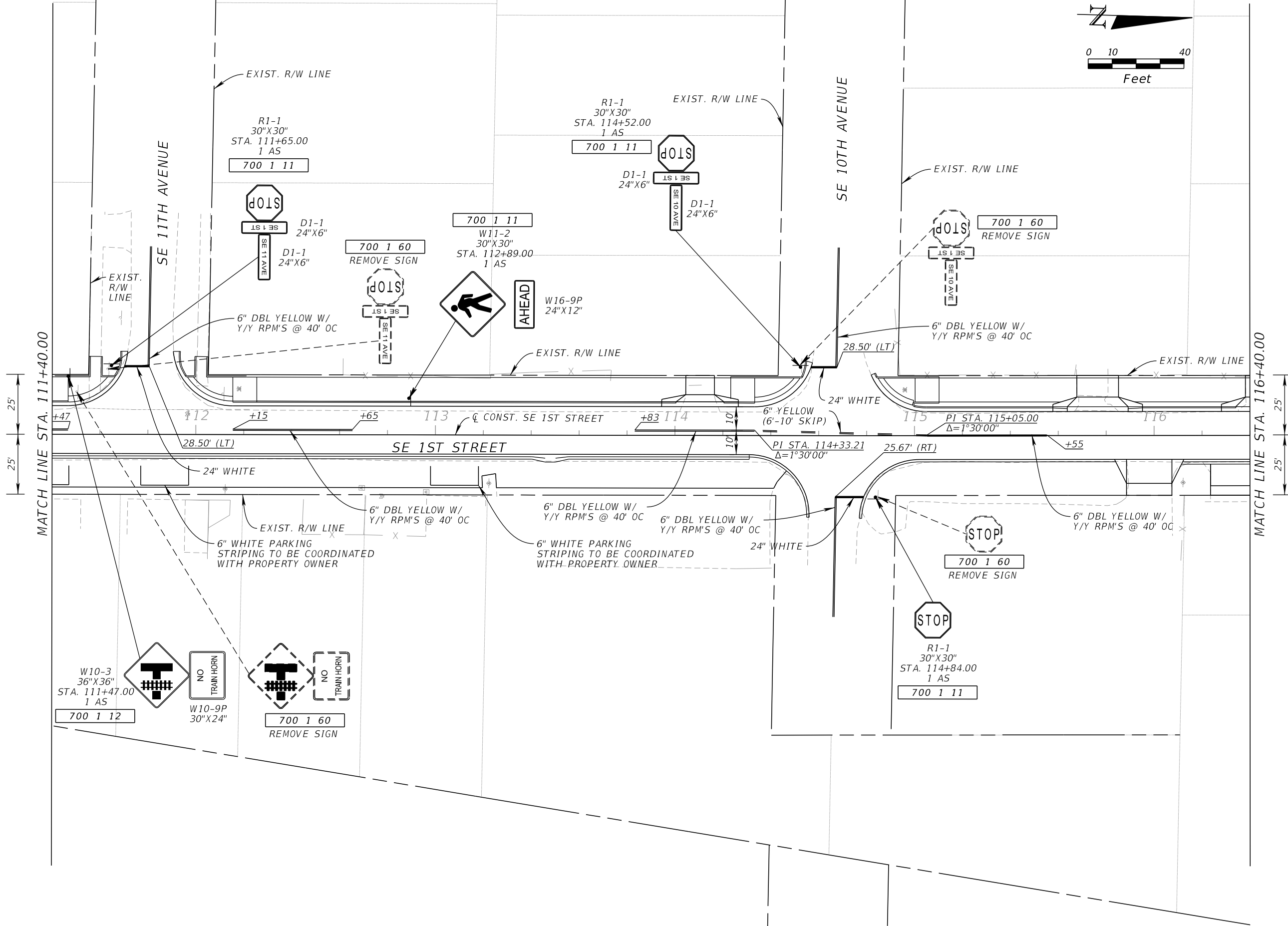
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SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SIGNING & PAVEMENT
MARKING PLAN

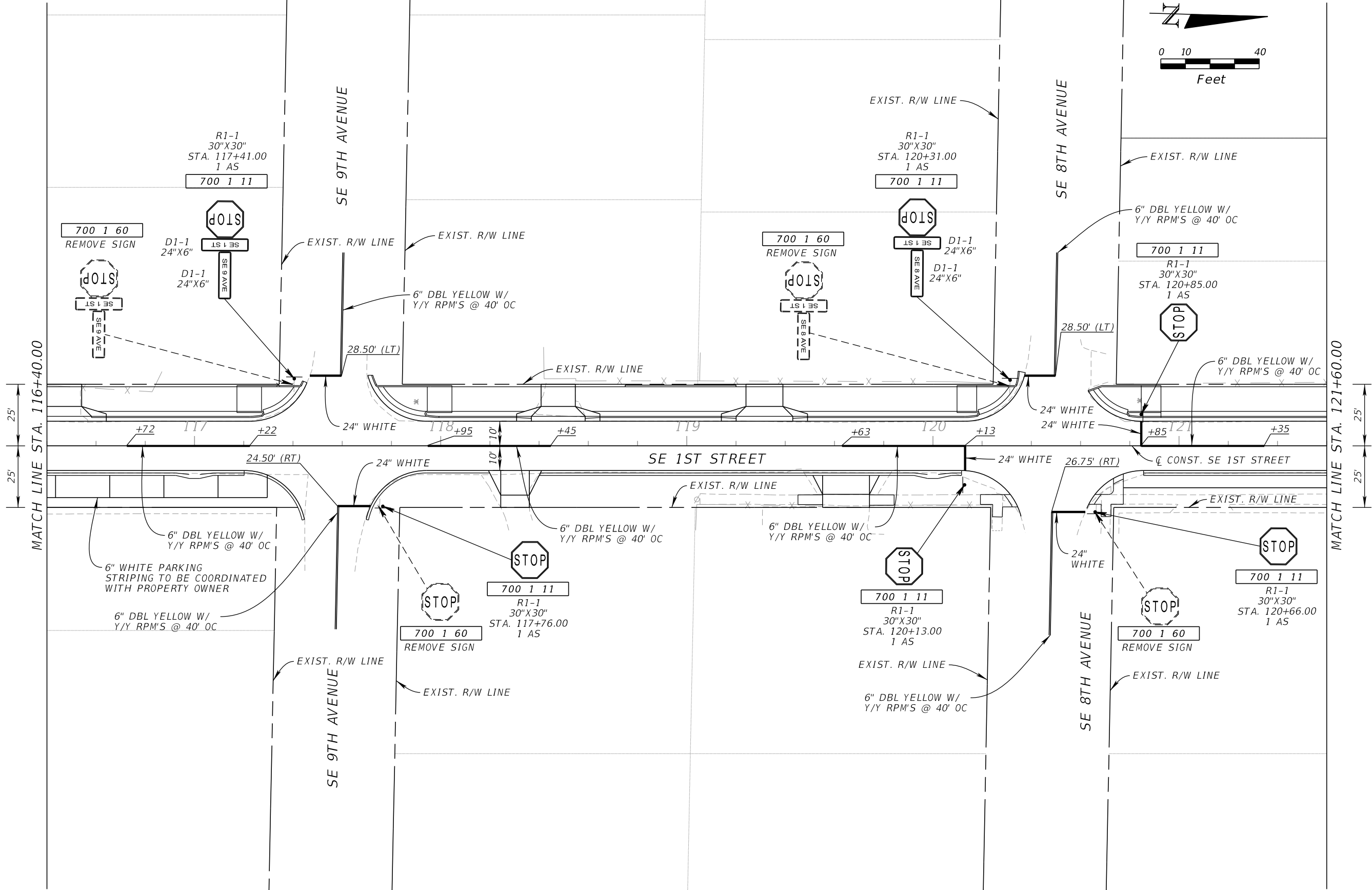
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DATE JUNE 2023	ERIC REQUIRO
SCALE 1" = 40'	FLORIDA LICENSE NUMBER PE # 86211
DESIGNED BY ER	DATE 6/26/2023
DRAWN BY BCK	
CHECKED BY MHM	

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REVISIONS	No.	DATE	BY

Brandon Kern 2:51:02 PM K:\WPB_Design\044349028_SE 1st Street Final Design\044349028.signing\Plan\PLANSF005.dgn



SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SIGNING & PAVEMENT
MARKING PLAN

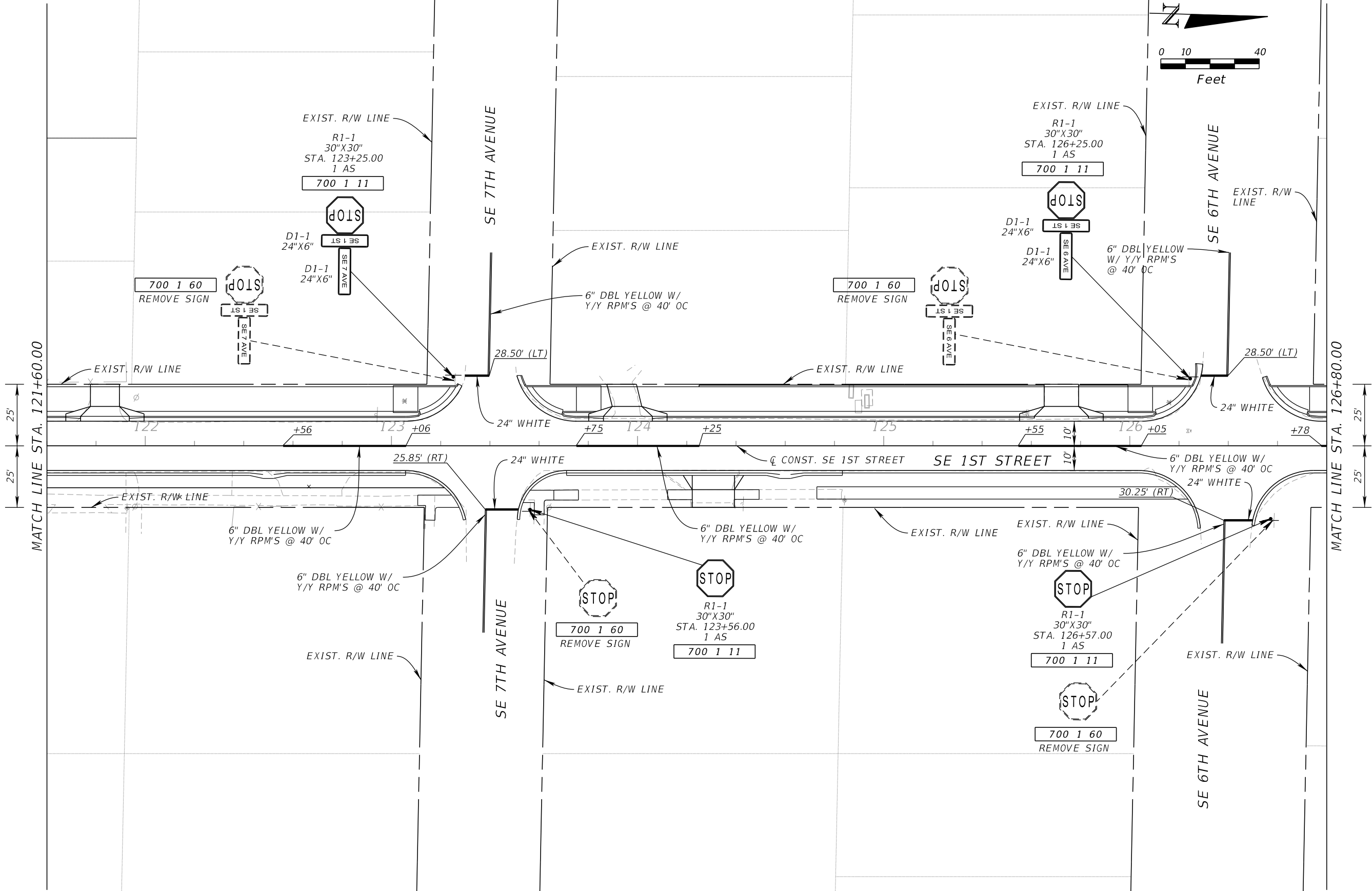
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446078-1-58-01
DATE
JUNE 2023
SCALE
1" = 40'
DESIGNED BY
ER
DRAWN BY
BCK
CHECKED BY
MHM
DATE
6/26/2023

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88



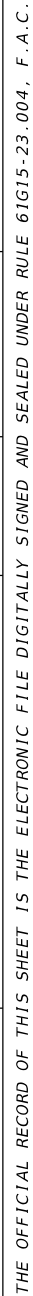
SE 1ST STREET
SIDEWALK
IMPROVEMENTS
PREPARED FOR
CITY OF BOYNTON BEACH
FLORIDA

SIGNING & PAVEMENT
MARKING PLAN

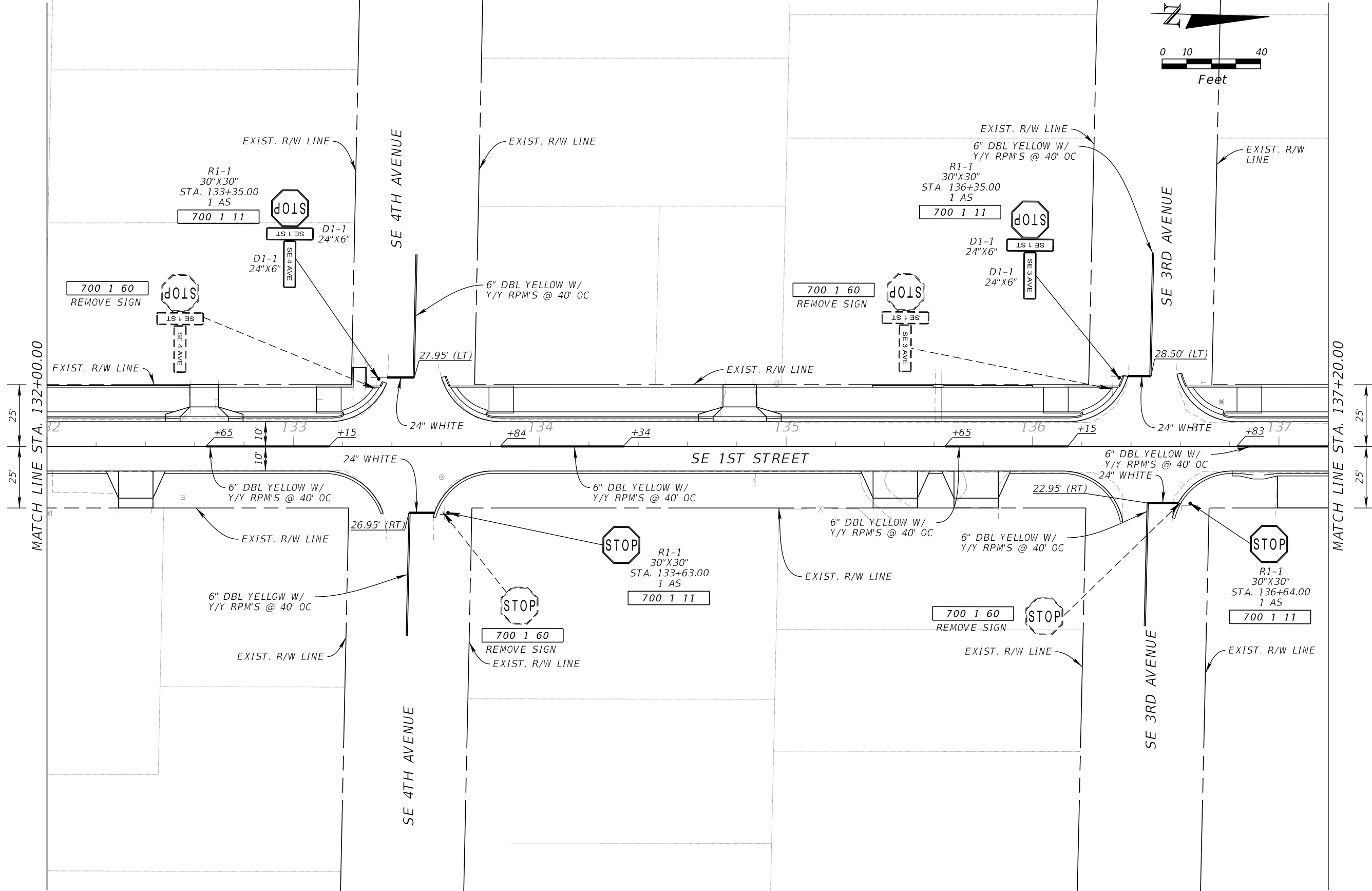
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DATE JUNE 2023	ERIC REQUIRO
SCALE 1" = 40'	FLORIDA LICENSE NUMBER PE # 86211
DESIGNED BY ER	DATE 6/26/2023
DRAWN BY BCK	
CHECKED BY MHM	

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SHEET NUMBER
90



SE 1ST STREET
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FLORIDA

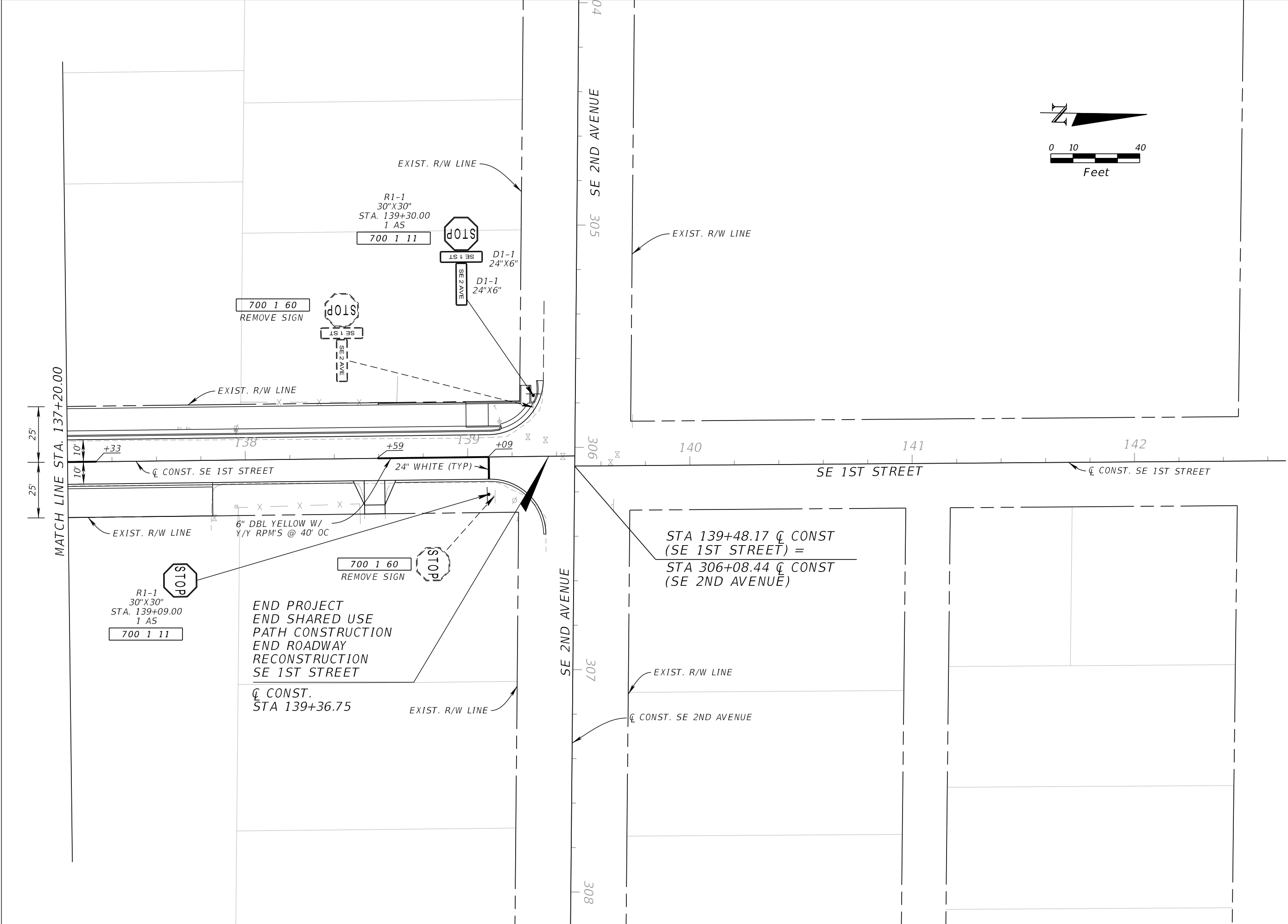
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FINANCIAL PROJECT ID
446078-1-58-01
DATE
JUNE 2023
SCALE
1" = 40'
DESIGNED BY
ER
DRAWN BY
BCK
CHECKED BY
MHM

LICENSED PROFESSIONAL
ERIC REQUIRO
FLORIDA LICENSE NUMBER
PE # 86211
DATE
6/26/2023

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SE 1ST STREET SIDEWALK IMPROVEMENTS PREPARED FOR CITY OF BOYNTON BEACH FLORIDA	SIGNING & PAVEMENT MARKING PLAN		LICENSED PROFESSIONAL ERIC REQUIRO FLORIDA LICENSE NUMBER PE # 86211 DATE: 6/26/2023		Kimley»Horn © 2017 KIMLEY-HORN AND ASSOCIATES, INC. 1920 WEKIVA WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE: 561-845-0665 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 0000696	No.	REVISIONS	DATE	BY
	SHEET NUMBER 92								