

SUNSHINE GATEWAY
COLUMBIA COUNTY
I-10 REST AREA
02/09/21

PERMIT ISSUE:

REVISIONS: DATE:

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ABE

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ENGINEERS

1842 East Oakland Park Blvd.
Fort Lauderdale, Florida 33306
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Fort Lauderdale: 954.739.5099
Palm Beach: 561.243.3939
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DRAWING FOR:

SUNSHINE GATEWAY

ABE BORUJERDI, P.E.
No. 38533
PHONE (954) 739-5099
APPROVED SEAL SIGNATURE

No 38533
Abe Borujerdi
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

COVER PAGE

COLUMBIA COUNTY
I-10 REST AREA

PROJECT # 19.020

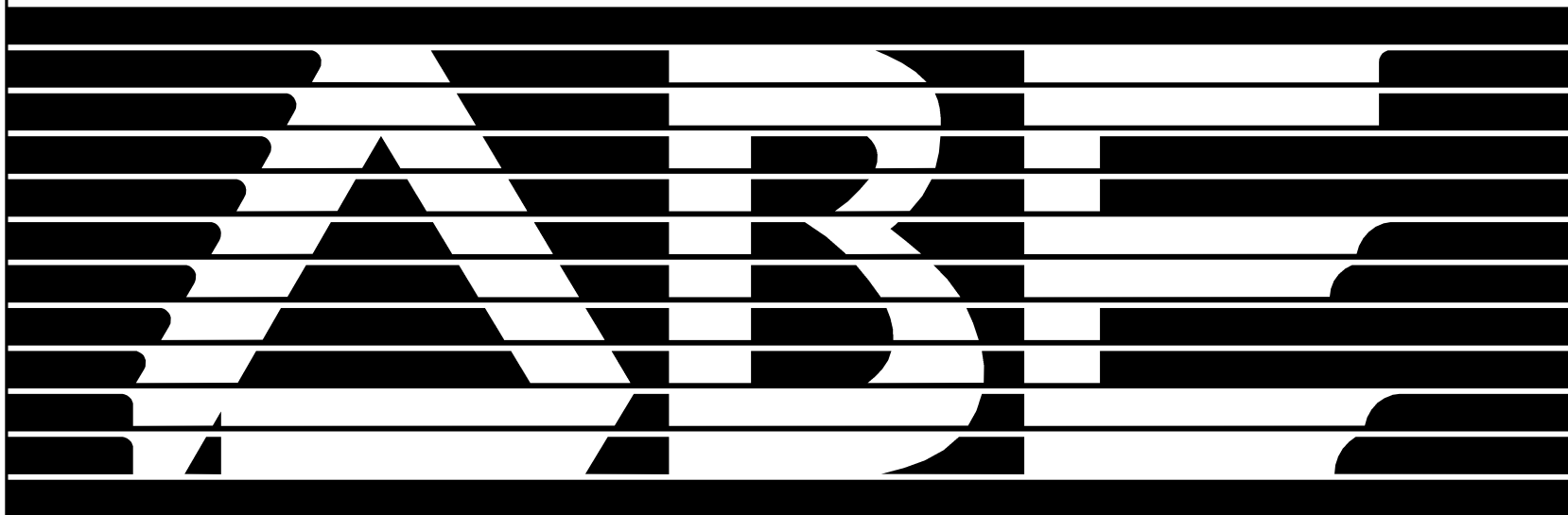
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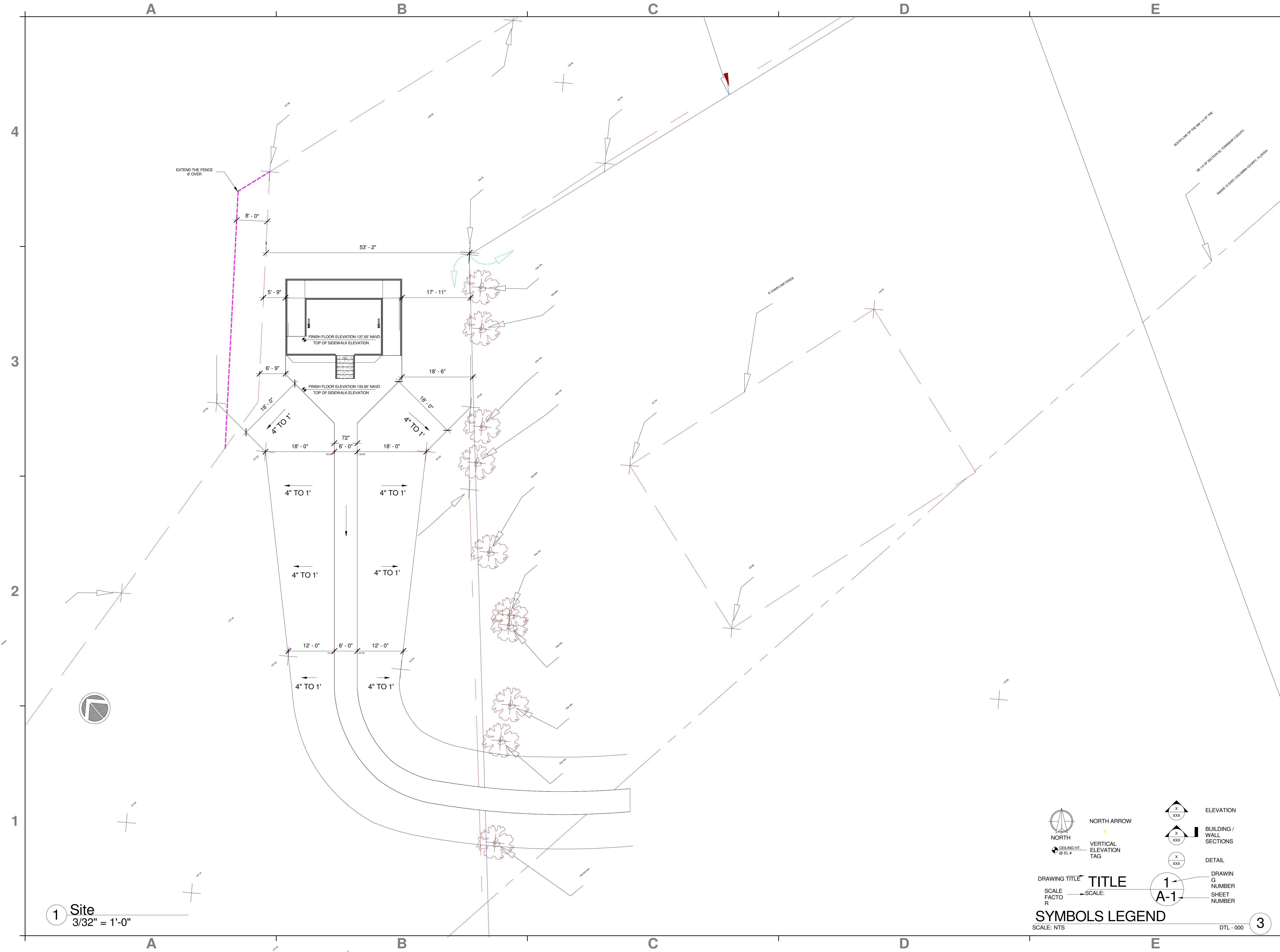
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AMERICAN BUILDING ENGINEERS
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN - GENERAL CONTRACTOR
LICENSES # AA26003224, #PE38553, # IB26001734, CGC #044407
1842 E. OAKLAND PARK BLVD. - FORT LAUDERDALE, FL - 33306
(305) 681-5563 FAX (954) 739-5153
Email: info@abeincusa.com
www.abeincusa.com





1 Site
3/32" = 1'-0"

NORTH
N

VERTICAL
ELEVATION
TAG

BUILDING /
WALL
SECTIONS

DETAIL

DRAWING TITLE

SCALE FACTOR

TITLE

SCALE:

1-
A-1

DRAWING
NUMBER
SHEET
NUMBER

SYMBOLS LEGEND

SCALE: NTS

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SITE PLAN

COLUMBIA COUNTY
I-10 REST AREA

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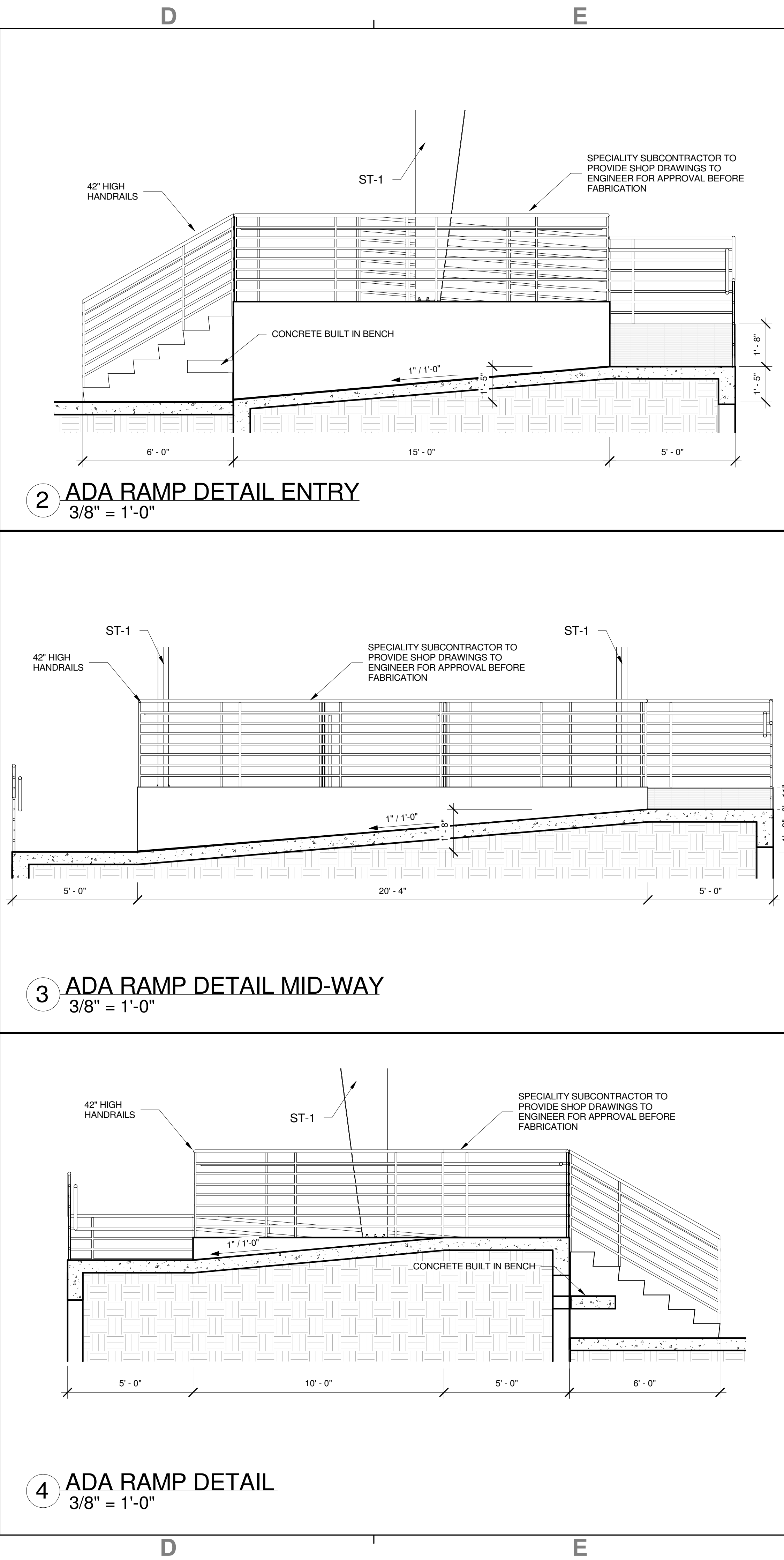
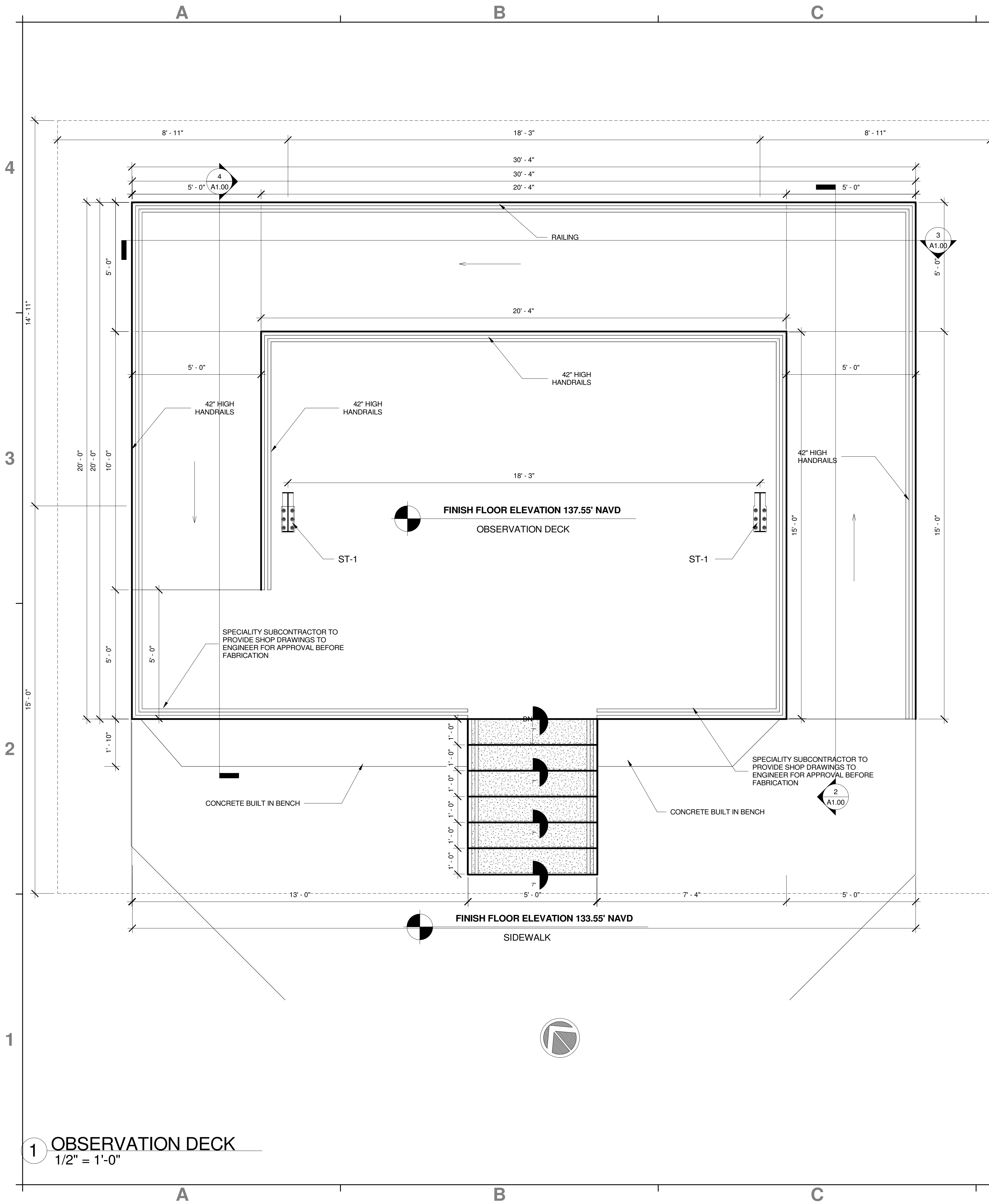
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ABE BORUJERDI, P.E.

PHONE 954.739.5099

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No 38533

STATE OF
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OBSERVATION FLOOR PLAN

COLUMBIA COUNTY
I-10 REST AREA

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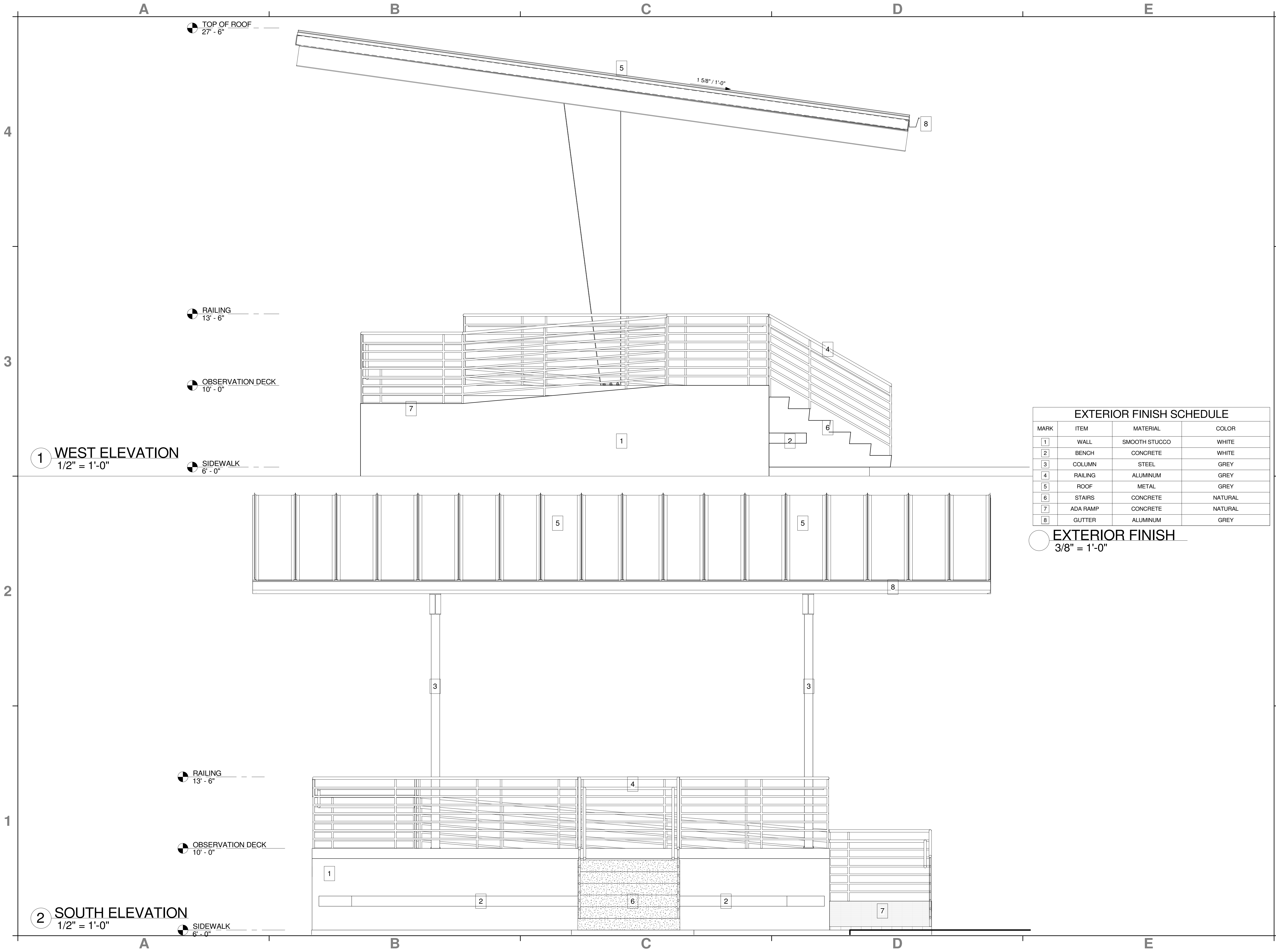
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EXTERIOR FINISH SCHEDULE			
MARK	ITEM	MATERIAL	COLOR
1	WALL	SMOOTH STUCCO	WHITE
2	BENCH	CONCRETE	WHITE
3	COLUMN	STEEL	GREY
4	RAILING	ALUMINUM	GREY
5	ROOF	METAL	GREY
6	STAIRS	CONCRETE	NATURAL
7	ADA RAMP	CONCRETE	NATURAL
8	GUTTER	ALUMINUM	GREY

EXTERIOR FINISH
3/8" = 1'-0"

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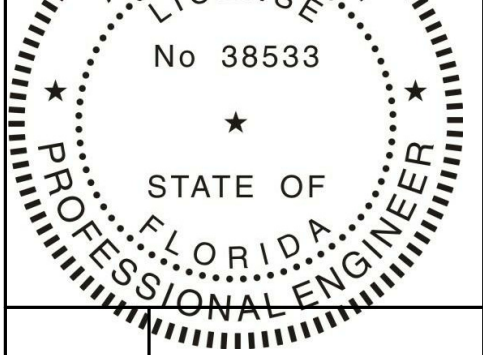
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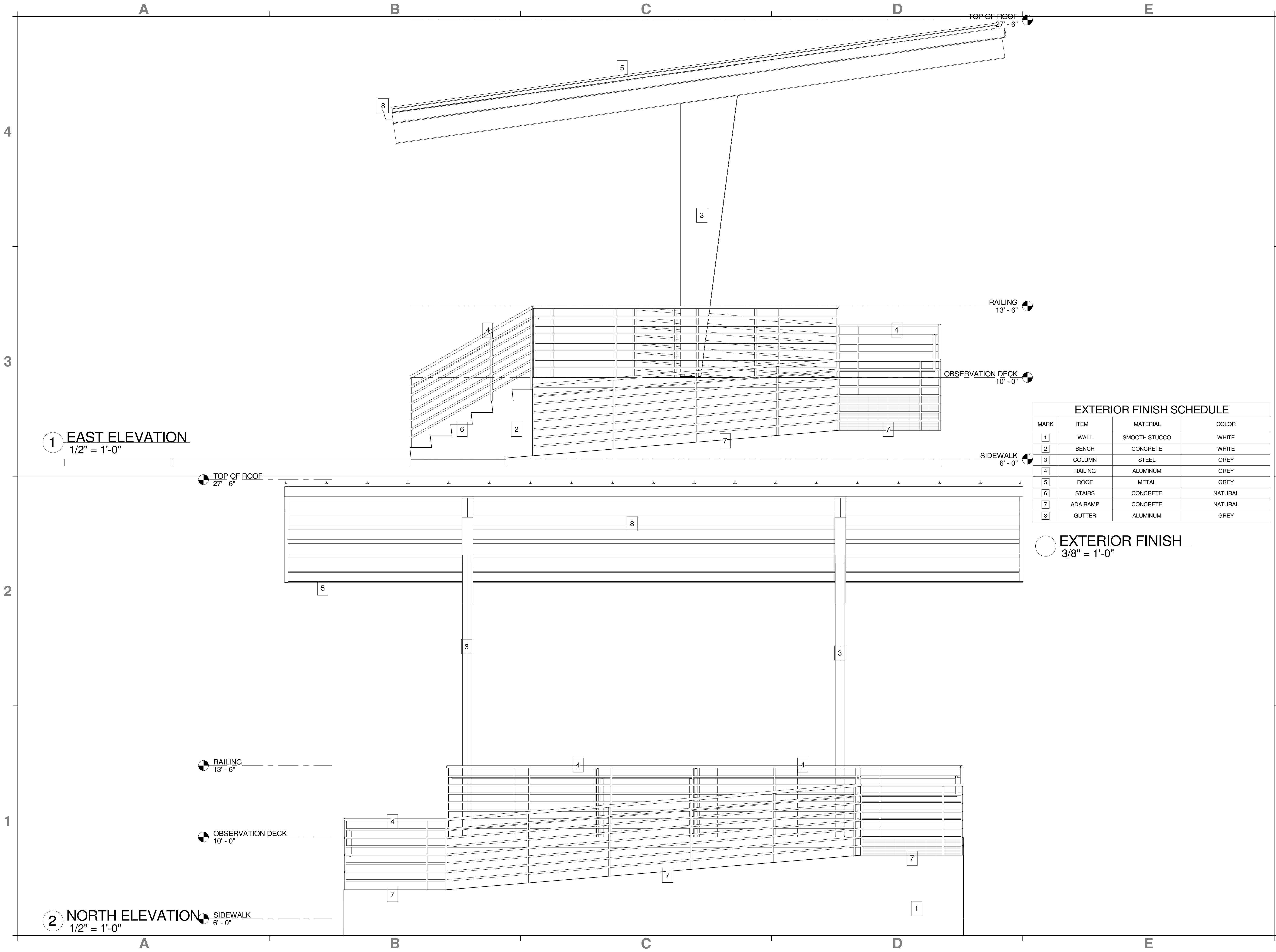
ELEVATION

COLUMBIA COUNTY
I-10 REST AREA

PROJECT #: 19.020

SHEET #: **A1.01**

PRINT DATE #: 02/09/21



EXTERIOR FINISH SCHEDULE			
MARK	ITEM	MATERIAL	COLOR
1	WALL	SMOOTH STUCCO	WHITE
2	BENCH	CONCRETE	WHITE
3	COLUMN	STEEL	GREY
4	RAILING	ALUMINUM	GREY
5	ROOF	METAL	GREY
6	STAIRS	CONCRETE	NATURAL
7	ADA RAMP	CONCRETE	NATURAL
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EXTERIOR FINISH
3/8" = 1'-0"

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PROFESSIONAL ENGINEER

No 38533

STATE OF FLORIDA

ELEVATION

COLUMBIA COUNTY
I-10 REST AREA

PROJECT # 19.020

SHEET #

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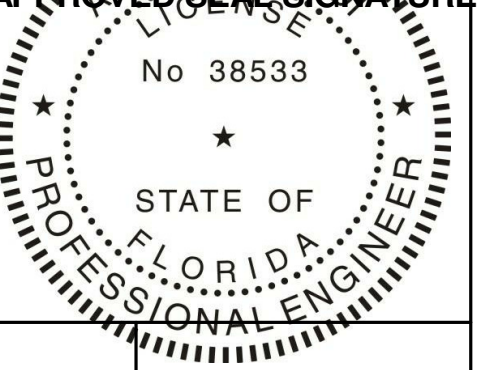
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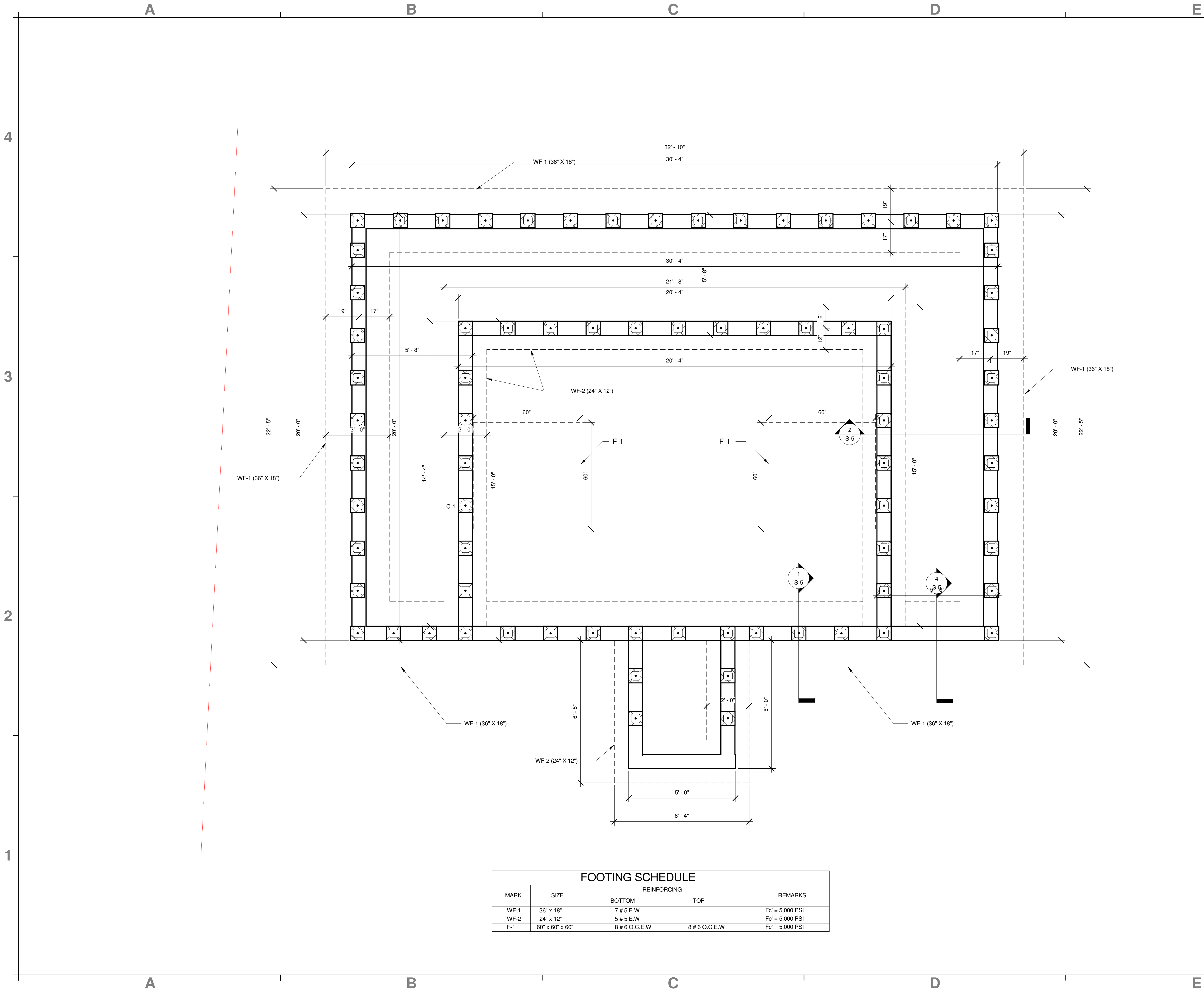
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SITE PICTURES

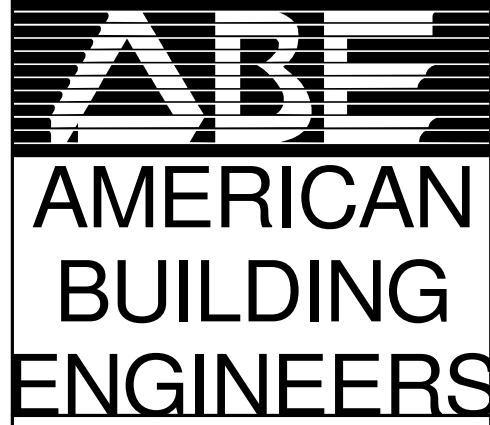
**COLUMBIA COUNTY
I-10 REST AREA**

PROJECT #:	19.020
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FOOTING SCHEDULE				
MARK	SIZE	REINFORCING		REMARKS
		BOTTOM	TOP	
WF-1	36" x 18"	7 # 5 E.W		F _c ' = 5,000 PSI
WF-2	24" x 12"	5 # 5 E.W		F _c ' = 5,000 PSI
F-1	60" x 60" x 60"	8 # 6 O.C.E.W	8 # 6 O.C.E.W	F _c ' = 5,000 PSI

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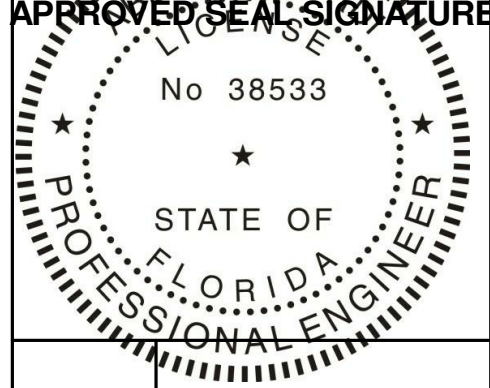


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SUNSHINE GATEWAY

ABE BORUJERDI, P.E.
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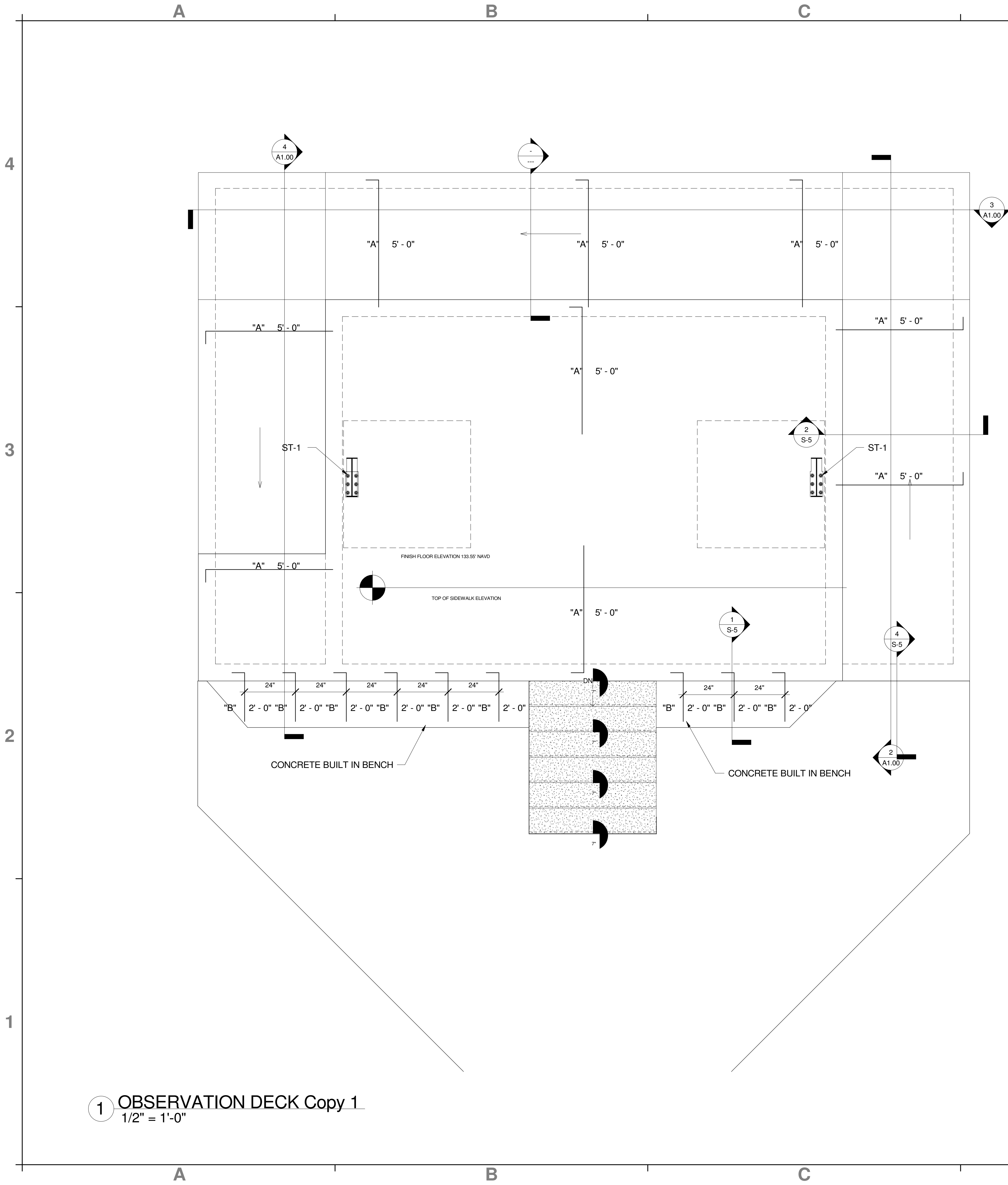
FOUNDATION FRAMING PLAN

**COLUMBIA COUNTY
I-10 REST AREA**

PROJECT #
19.020

SHEET #:
S-1

PRINT DATE #:
02/09/21



1 OBSERVATION DECK Copy 1
1/2" = 1'-0"

COLUMN SCHEDULE					
COLUMN	SIZE	VERT. REINF.	TIES	REMARKS	COLUMN DETAIL
C-1	8" x 8"	1 # 6		EVERY 24" OR AS SHOWN	

COLUMN NOTES

1. HOOKED DOWELS, SAME SIZE AND NUMBER AS VERTICAL REINFORCEMENT, SHALL BE EMBEDDED TO BOTTOM OF FOOTING BELOW AND SHALL LAP MINIMUM 30 BAR DIAMETER WITH VERTICAL REINFORCEMENT IN COLUMNS.
2. HOOK ALL VERTICAL COLUMN REINFORCEMENT AT TOP.
3. #3 HAIRPINS AS REQUIRED.
4. CONCRETE COLUMN DIMENSIONS TO BE COORDINATED W/ FINAL WINDOWS/DOORS OPENINGS DIMENSIONS. CONTACT ENGINEER IF IT IS NECESSARY TO MODIFY ANY. CONC. COLUMN DIMENSION.

CONCRETE SLAB REINFORCING SCHEDULE				
MARK	FLOOR	SLAB DEPTH	BOTTOM REINFORCING	REMARKS
SLAB 5 (1)	OBSERVATION DECK	6"	WIRE MESH	Fc' = 5,000 PSI
SLAB 5 (2)	SIDE WALK	6"	WIRE MESH	Fc' = 5,000 PSI

TIE BEAM SCHEDULE					
BEAM	SIZE	REINFORCING			REMARKS
		TOP	MIDDLE	BOTTOM	
TB-1	8"x16"	2#5	2#4	2#5	#3 @ 8" O.C. Fc' = 5,000 PSI

REBAR SCHEDULE		
MARK	DESCRIPTION	REMARKS
"A"	1 # 5 x 5' - 0" TOP	DIAGONAL BARS

STEEL COLUMN SCHEDULE						
MARK	SIZE	BASE PLATE		TOP PLATE		REMARKS
		DIMENSION (IN)	CONNECTORS	DIMENSION (IN)	CONNECTORS	
ST1	CUSTOM W	3/4" x 8" x 12"	USE (6) 5/8" DIA. x 12" LONG TO STEEL PLATE	3/4" x 8" x 33"	USE (8) 5/8" DIA. TO STEEL PLATE.	ALL STEEL COLUMNS TO BE HOT DEEP GALVANIZED

NOTE
WATER CEMENT RATIO = 0.4 FOR 4,000 PSI.

COLUMN SCHEDULE
3/8" = 1'-0"

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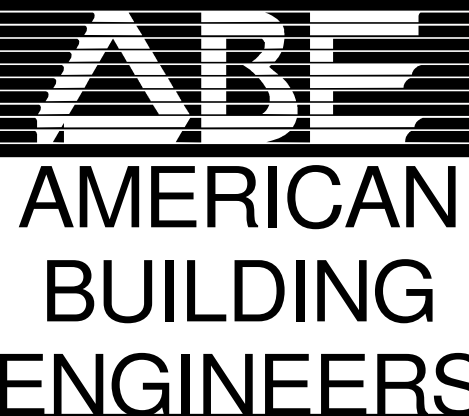
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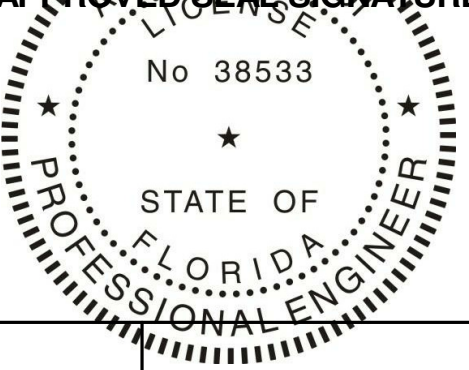
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STRUCTURAL

COLUMBIA COUNTY
I-10 REST AREA

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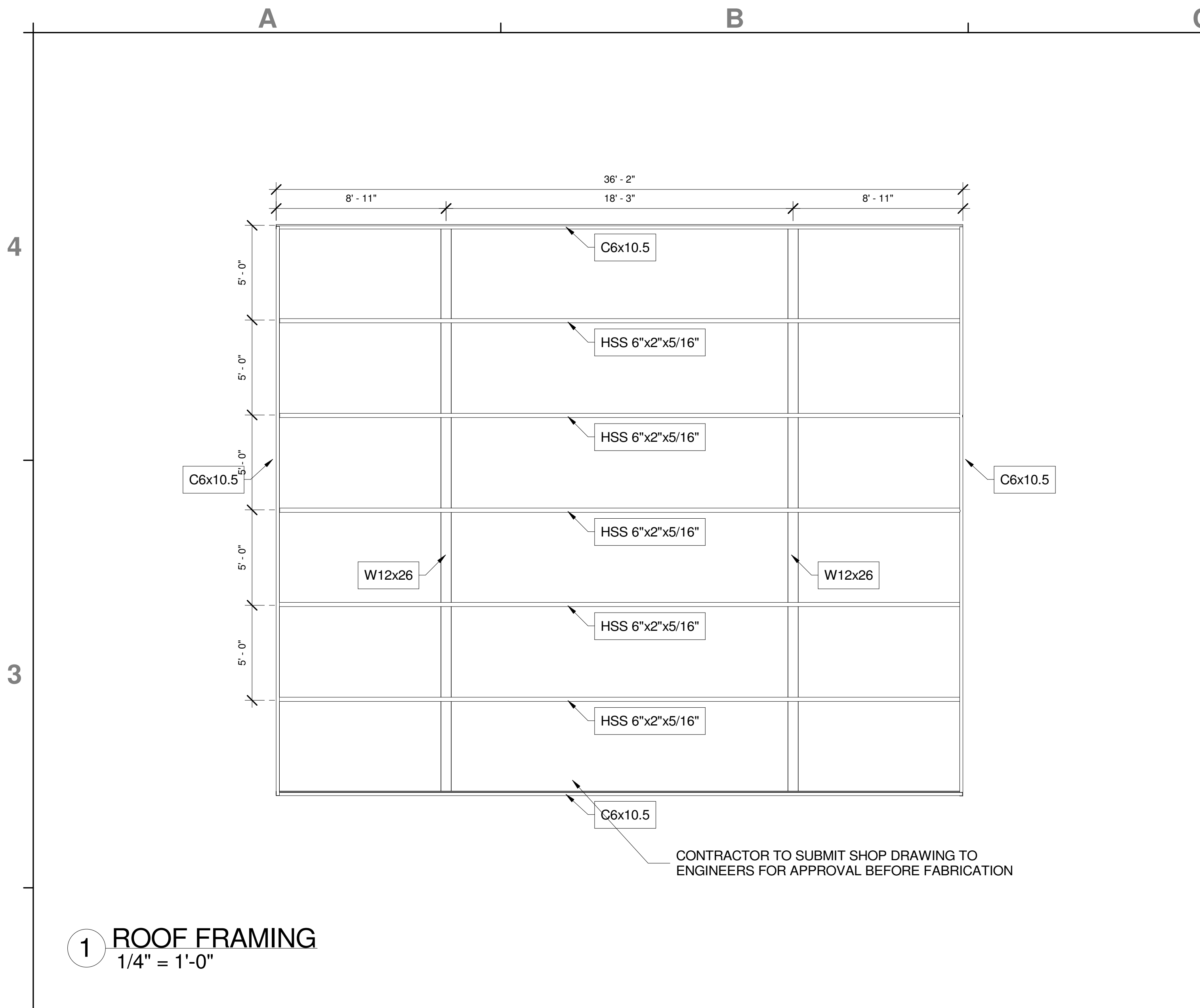
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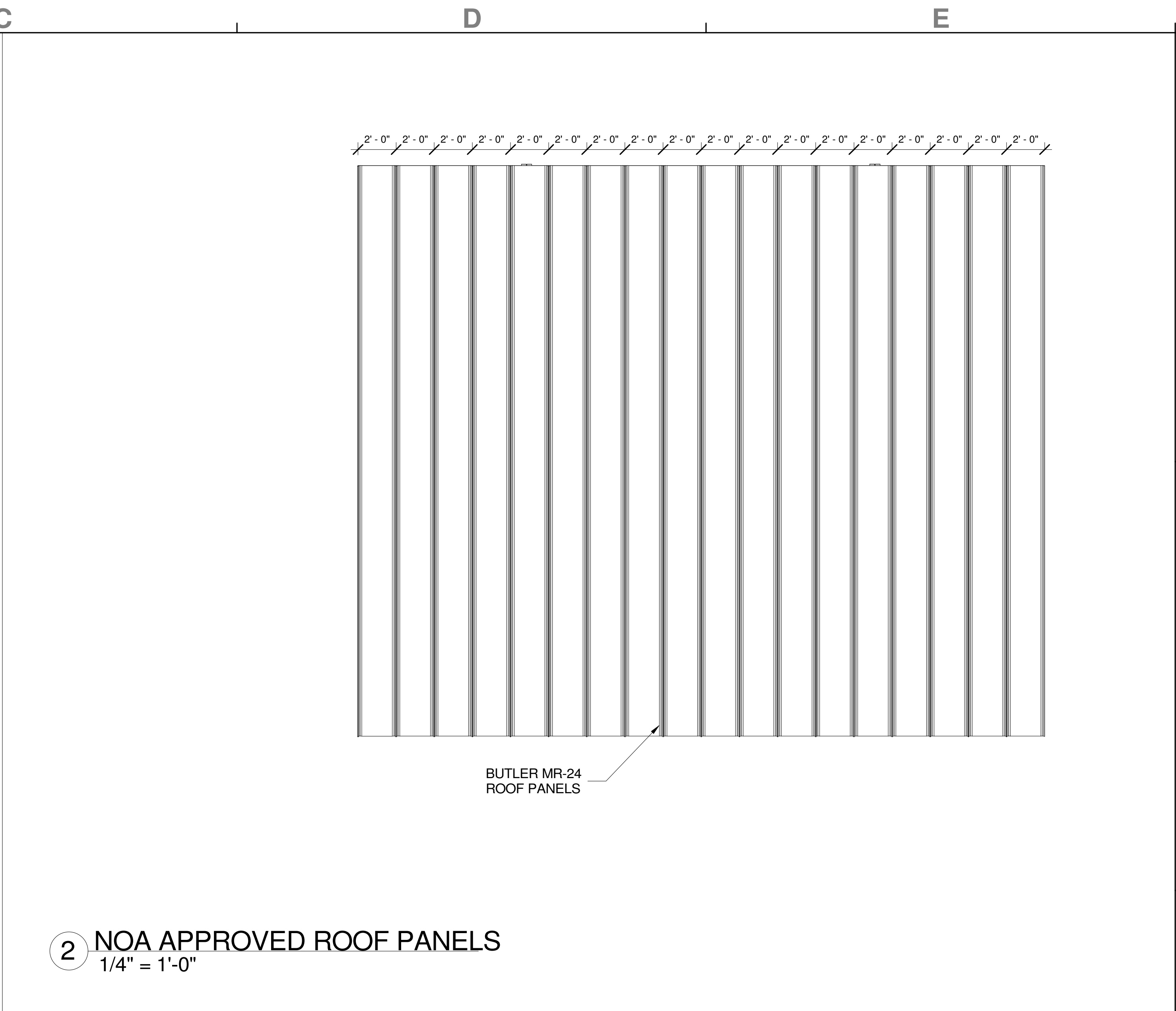
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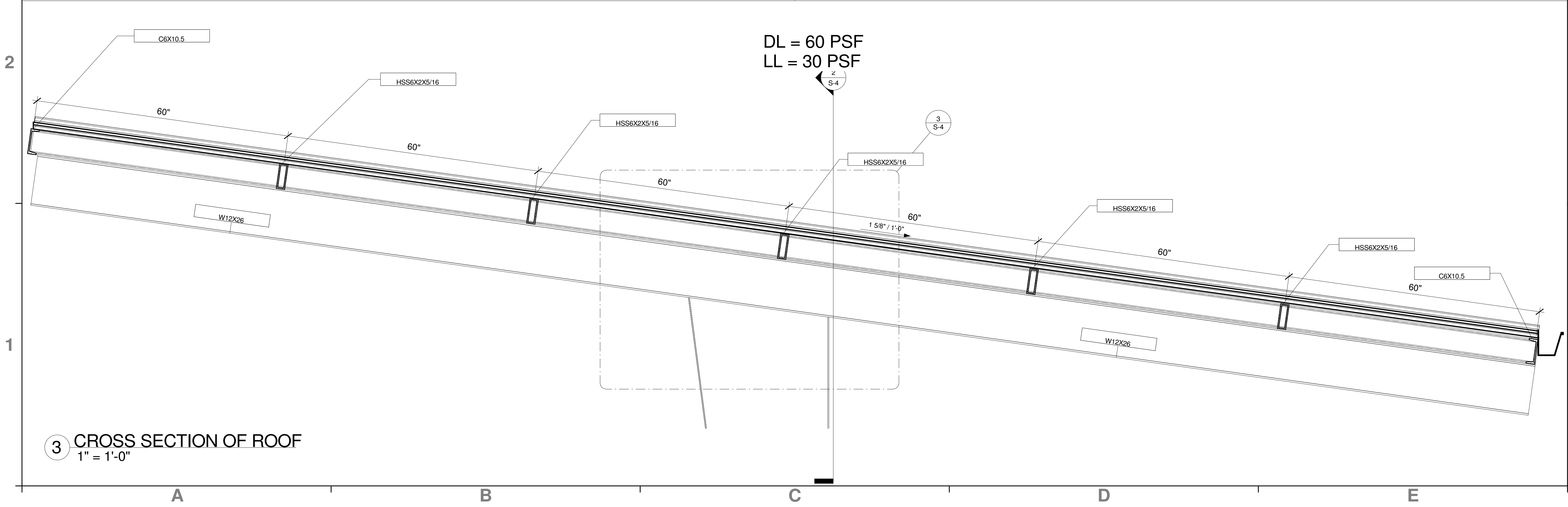
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1 ROOF FRAMING
1/4" = 1'-0"



2 NOA APPROVED ROOF PANELS
1/4" = 1'-0"



3 CROSS SECTION OF ROOF
1" = 1'-0"

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STATE OF
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No 38533

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ROOF FRAMING PLAN

COLUMBIA COUNTY
I-10 REST AREA

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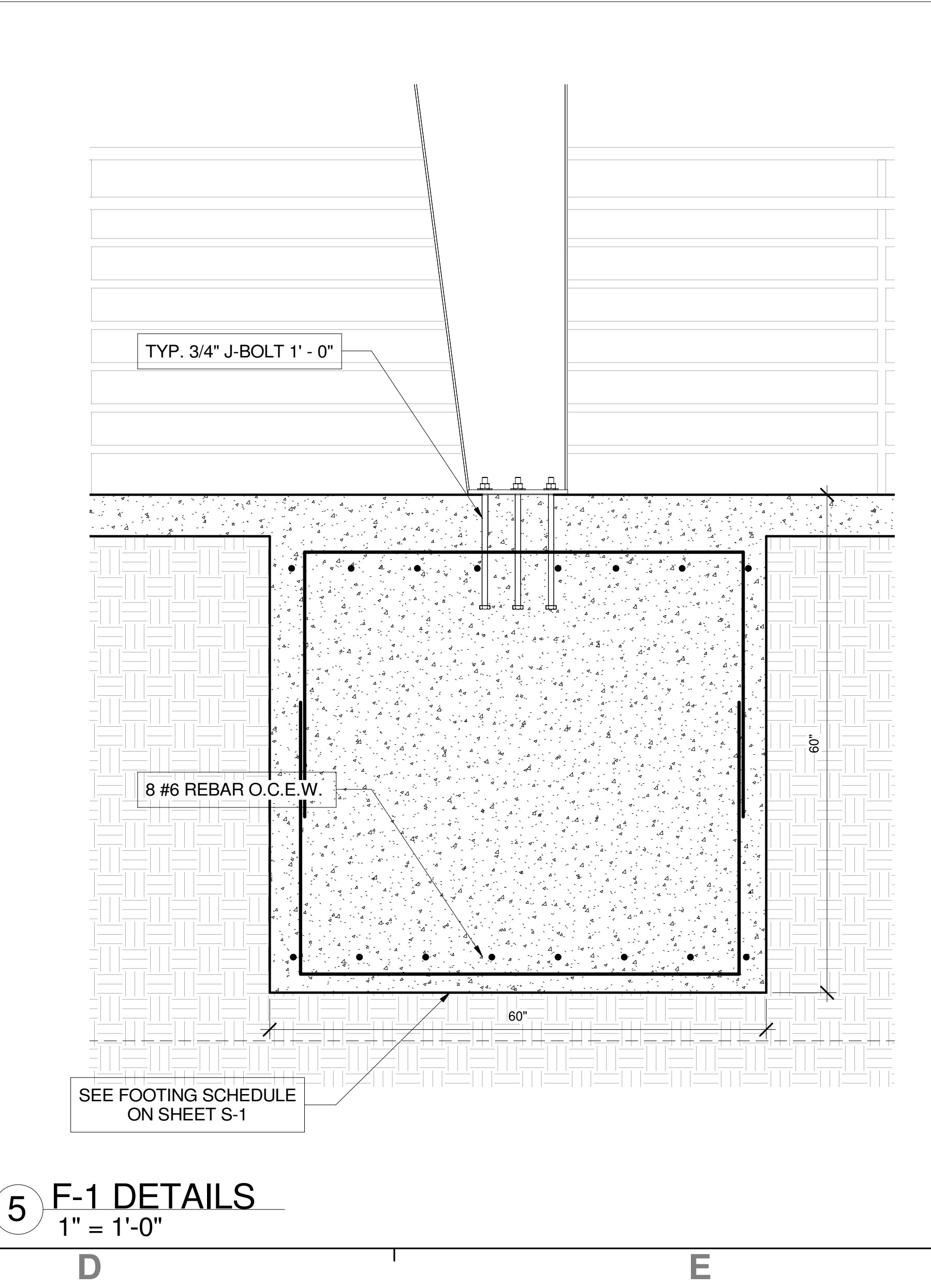
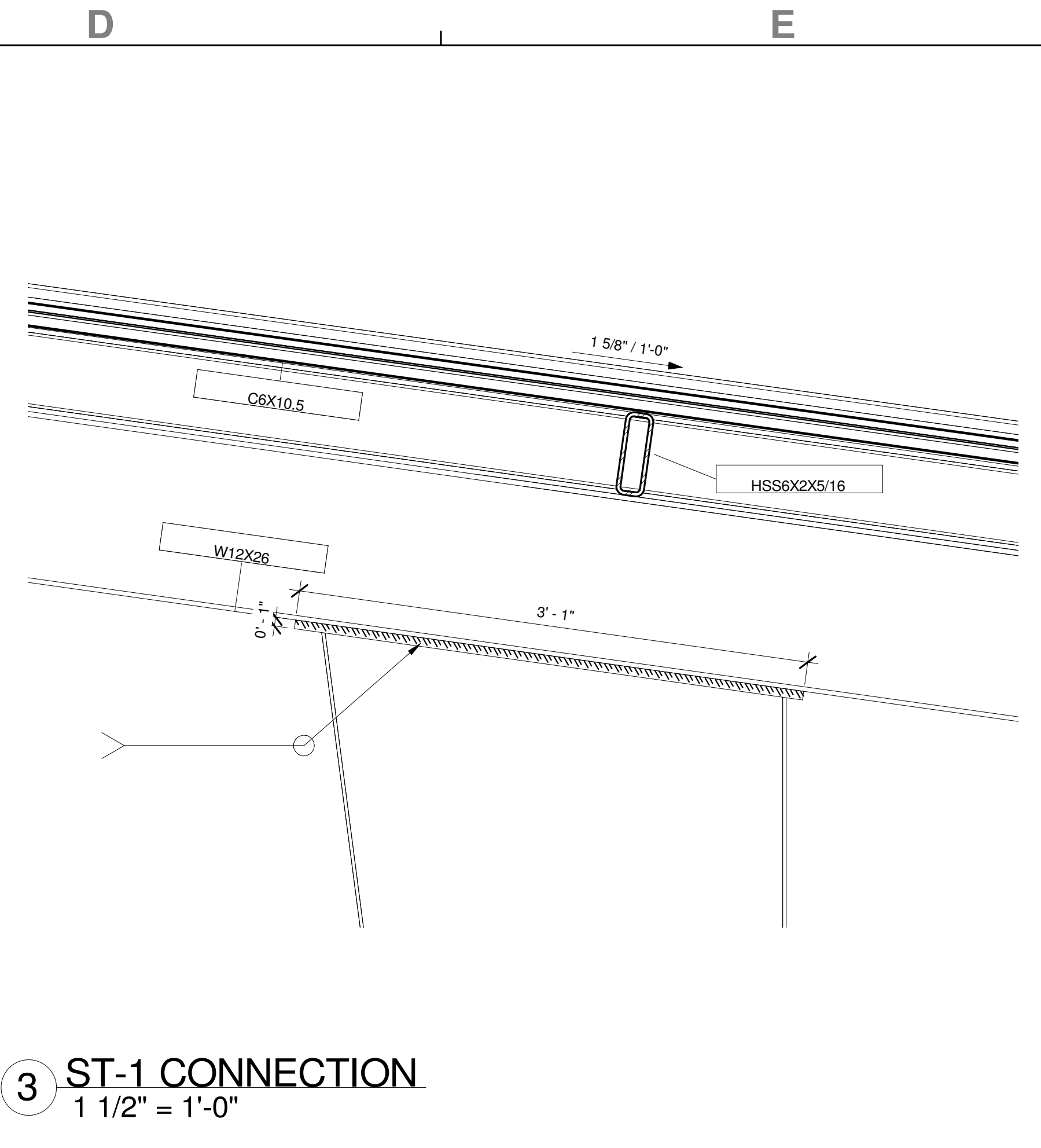
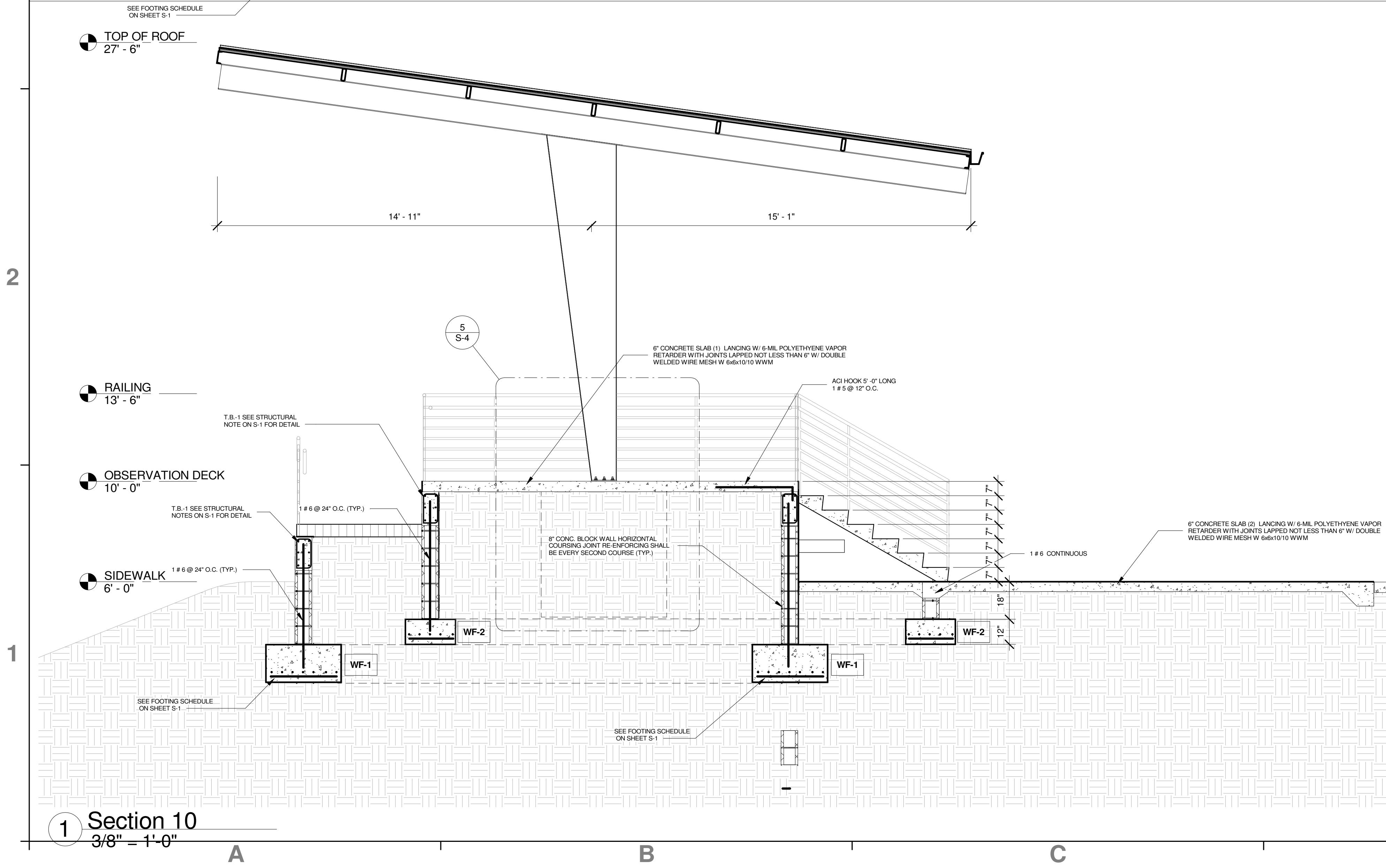
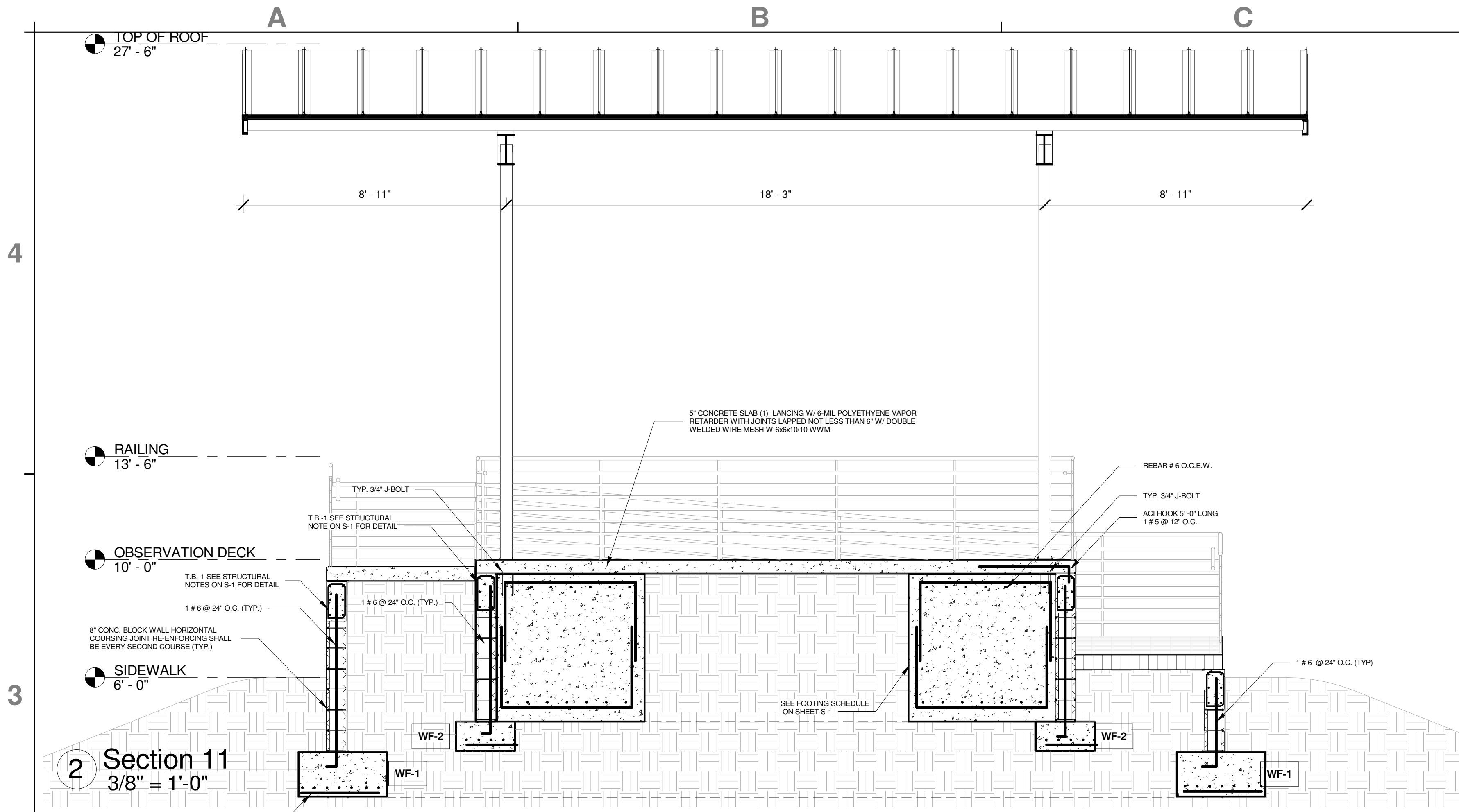
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STRUCTURAL SECTIONS

COLUMBIA COUNTY I-10 REST AREA

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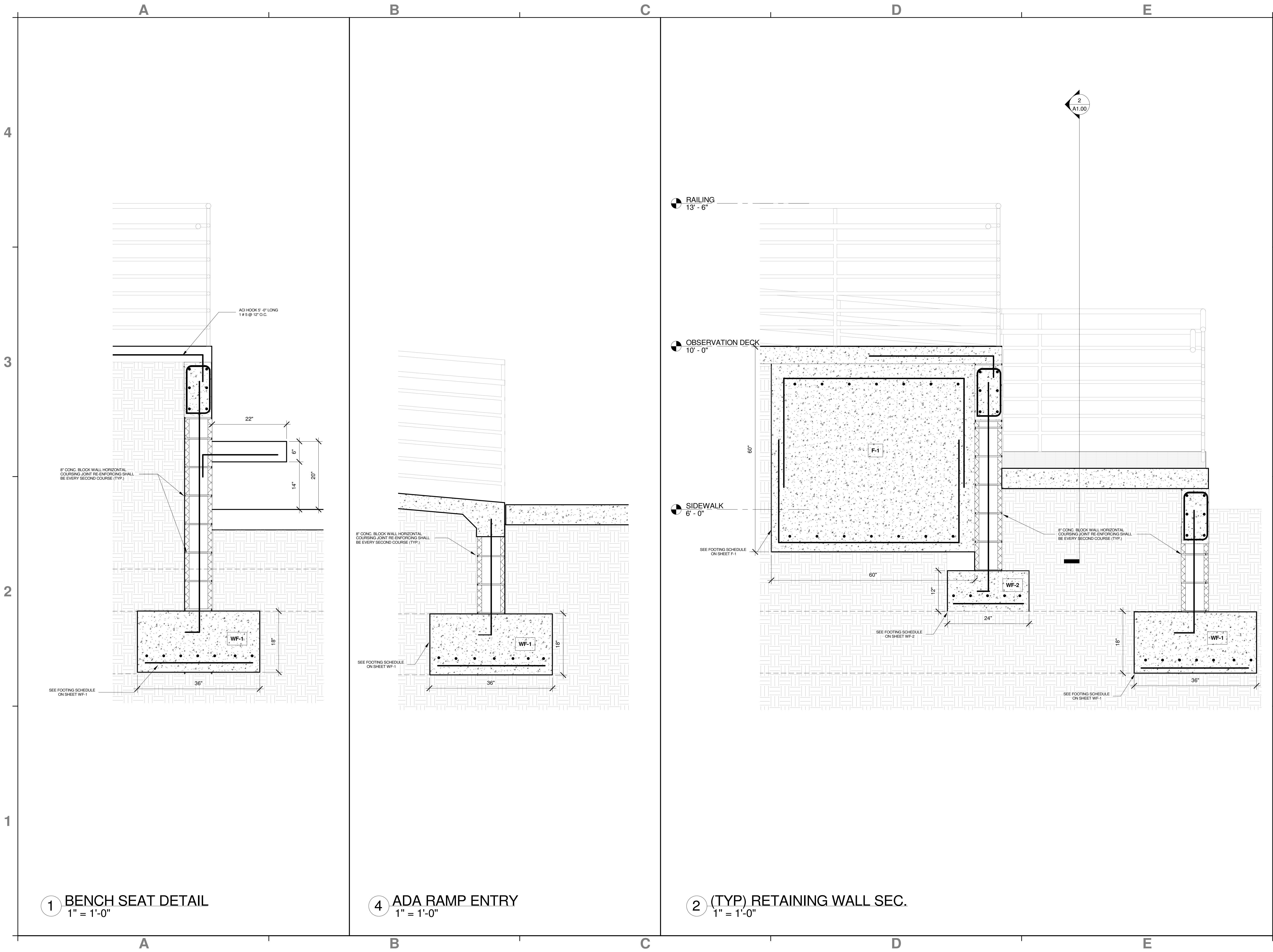
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