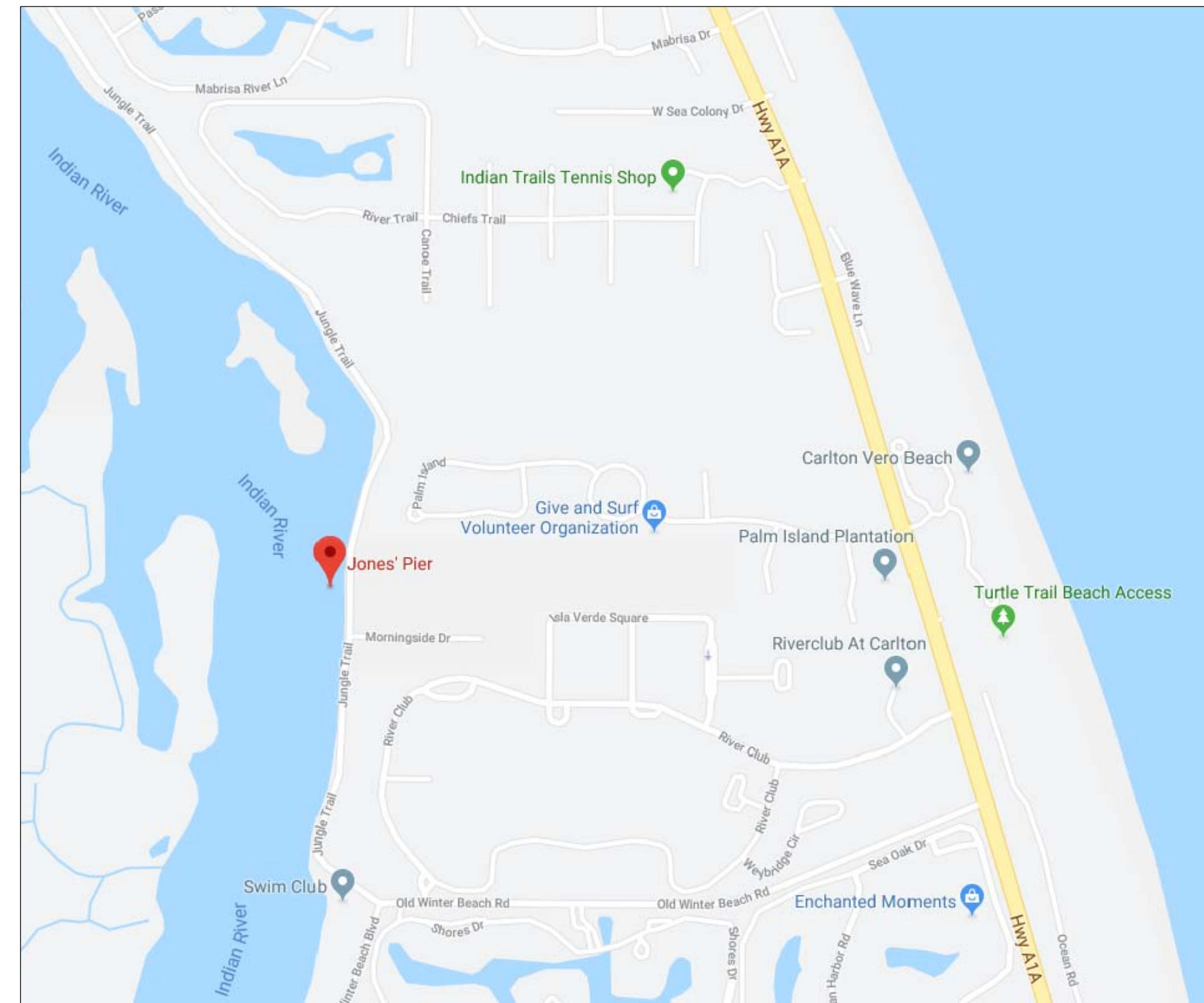
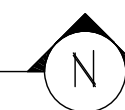


BOARDWALK PLANS FOR JONES' PIER CONSERVATION AREA

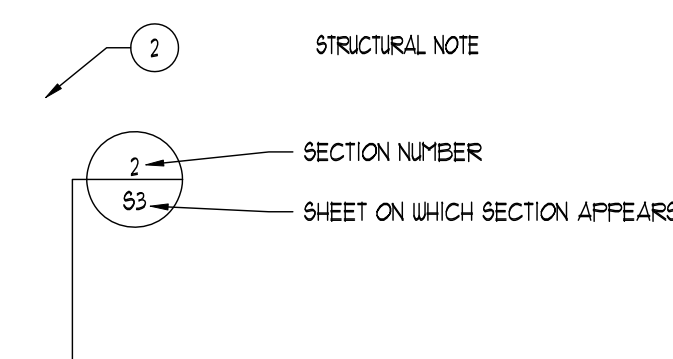
PHASE 2 WETLAND ENHANCEMENT AND CREATION PROJECT INDIAN RIVER COUNTY, FLORIDA



VICINITY MAP
SCALE: N.T.S.



SYMBOLS



ABBREVIATIONS

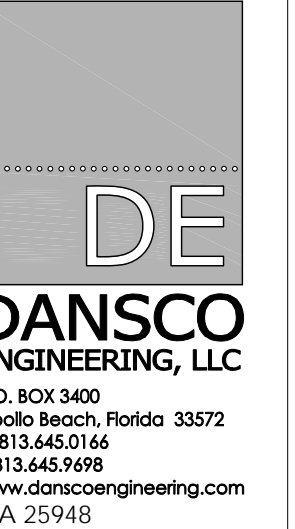
ABV	ABOVE	NO.	NUMBER
AF	ABOVE FINISH FLOOR	NTS	NOT TO SCALE
ALT	ALTERNATE		
ARCH	ARCHITECTURAL	OC	ON CENTER
BD	BOARD	FSF	POUNDS PER SQUARE FOOT
BLDG	BUILDING	FSI	POUNDS PER SQUARE INCH
BLK	BLOCK	RM	ROOM
COL	COLUMN	SF	SQUARE FOOT (FEET)
CONC	CONCRETE	SPEC	SPECIFICATION
CONST	CONSTRUCTION	SQ	SQUARE
CONT	CONTRACTOR	SS	STAINLESS STEEL
DBL	DOUBLE	ST	STEEL TUBE
DET	DETAIL	STL	STEEL
DIA	DIAMETER	STD	STANDARD
DIM	DIMENSION	TYP	TYPICAL
DN	DOWN	UG	UNDERGROUND
DS	DOWNSPOUT	UNO	UNLESS NOTED OTHERWISE
DWG	DRAWING	V	VENT
EA	EACH	VCT	VINYL COMPOSITION TILE
ELEV	ELEVATION (ATOR)	VTR	VENT THROUGH ROOF
ELECT	ELECTRICAL		
EXT	EXTERIOR		
FF	FINISHED FLOOR	WD	WOOD
FLR	FLOORING	W	WITH
FTG	FOOTING	WO	WITHOUT
GA	GAGE, GAUGE	WUF	WELDED WIRE FABRIC
GC	GENERAL CONTRACTOR		
GYFBD	GYPSUM WALLBOARD		
JT	JOINT		
MAX	MAXIMUM		
MIN	MINIMUM		
MFR	MANUFACTURER		

DESIGN CRITERIA

- CODE(S): AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) 2015
- DESIGN LIVE LOAD: BOARDWALK: 100 PSF
- MATERIALS:
TIMBER/LUMBER: SOUTHERN YELLOW PINE #1
BOLTS: A307
- NOTES:
1. DESIGN LOADING HAS BEEN APPLIED IN ACCORDANCE WITH REFERENCED CODE(S).
2. STEEL AND FASTENERS SHALL BE CODE APPROVED AND STAINLESS STEEL.
3. WOOD SHALL BE PRESERVATIVE TREATED BY APPROPRIATE EPA-APPROVED MEANS IN ACCORDANCE WITH AUPA SPECIFICATIONS. MINIMUM 0.60 PCF RETENTION FOR ABOVE-GROUND USE, MINIMUM 0.80 PCF RETENTION FOR BELOW-GROUND USE.
4. FIELD-CUT ENDS, NOTCHES AND DRILLED HOLES OF PRESERVATIVE TREATED WOOD SHALL BE TREATED IN THE FIELD USING THE AUPA M4 STANDARD.
5. TIMBER PILE SHALL BE PRESERVATIVE TREATED SOUTHERN PINE 8" DIAMETER BUT PILES SHALL BE DRIVEN TO APPROXIMATELY AT LEAST 10 FEET BELOW EXISTING GRADE TO OBTAIN AN ALLOWABLE DOWNLOAD OF 10 KIPS. REFER TO SECTION 'E' FROM THE SOIL REPORT KSM PROJECT NUMBER 192863-b DATED JULY, 22 2019 FOR FOUNDATION RECOMMENDATIONS FOR MORE INFORMATION.
6. MINIMUM EDGE DISTANCE FOR 1/2" DIAMETER BOLTS IS 2".
7. MINIMUM EDGE DISTANCE FOR 3/8" DIAMETER BOLTS IS 2".
8. SUBSTITUTIONS ARE PERMITTED WITH WRITTEN PERMISSION FROM ENGINEER.
9. DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTOR.
10. ALL BOLTS SHALL BE STAINLESS STEEL WITH NUTS AND WASHERS.

INDEX OF DRAWINGS

- CS COVER AND INDEX SHEET
- STRUCTURAL
- S10 BOARDWALK #1 & #2 FRAMING PLAN
S20 BOARDWALK #3 FRAMING PLAN
S30 DETAILS



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JONES' PIER
CONSERVATION AREA
INDIAN RIVER COUNTY, FLORIDA

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DATE	DESCRIPTION

VERSION NO. 1.00 / 07.29.19

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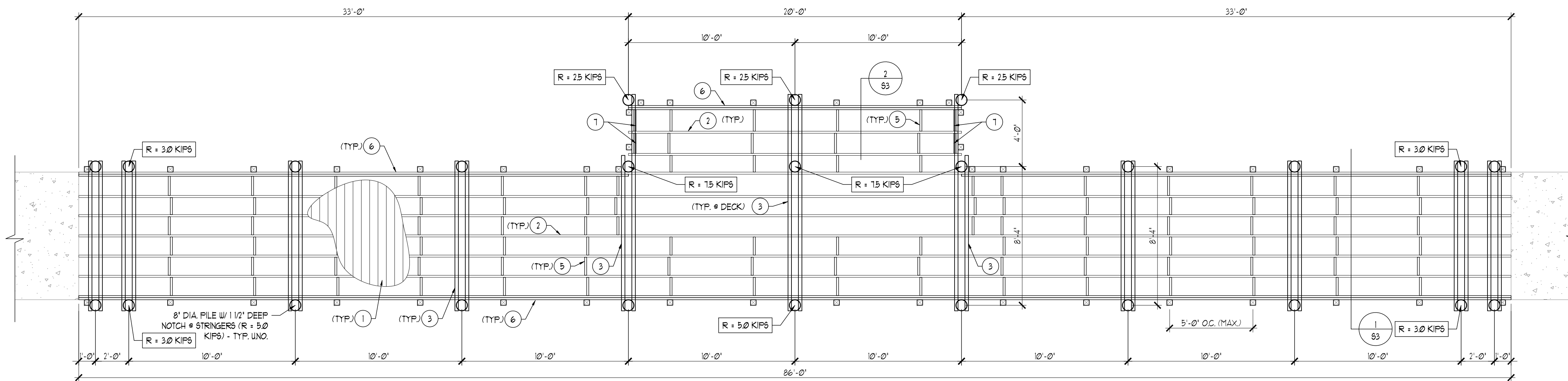
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SHEET TITLE:
COVER SHEET

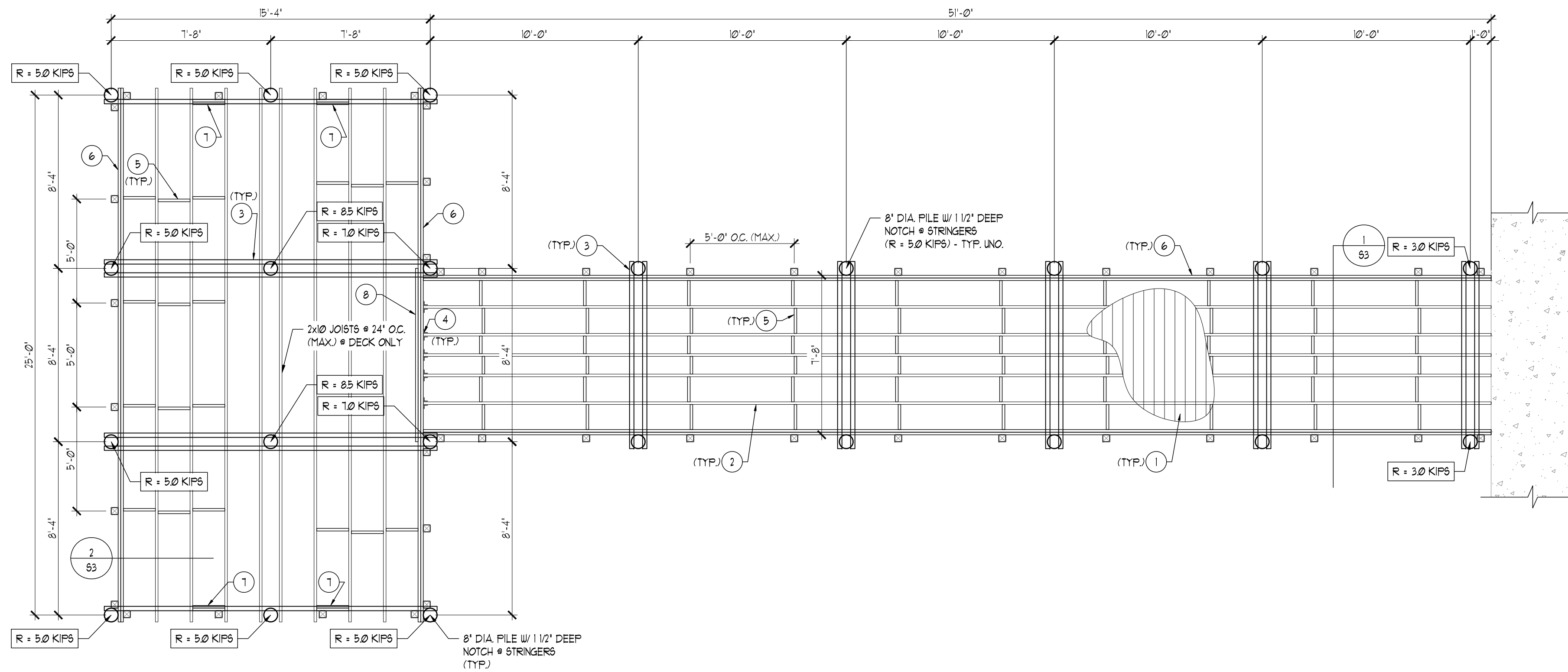
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REVIEWED BY: TH

CS



1 BOARDWALK #1 FRAMING PLAN

SCALE: 1/4" = 1'-0"



2 BOARDWALK #2 FRAMING PLAN

SCALE: 1/4" = 1'-0"

STRUCTURAL NOTES

- | | |
|---|--|
| 1 | 2" x 6" TREX COMPOSITE DECKING (OR EQUIV.) ATTACHED TO EA. JOIST W/ (2) #10 x 3" SS SCREWS |
| 2 | 2x10 JOISTS @ 16" O.C. (MAX.), ATTACHED TO STRINGER W/ SIMPSON H2.5A. |
| 3 | (2) 3x12 STRINGERS (ONE ON EA. SIDE PILING); NOTCH PILING 1 1/2" DEEP @ STRINGERS BEARING. SEE DETAIL SHEET 53 FOR CONNECTION TO STRINGERS. |
| 4 | SIMPSON HUS2/6 HANGER (FOR SINGLE PLY) + USE SIMPSON HUS2-2 HANGER (FOR DOUBLE PLIES) |
| 5 | 2x10 BLOCKING W/ (2) 16d TOENAILS @ EA. END. |
| 6 | (2) 2x10 EXTERIOR JOISTS W/ (2) ROWS 16d @ 8" O.C. (STAGGERED), ATTACHED TO STRINGER W/ SIMPSON H2.5A |
| 1 | (2) 2x10 JOIST W/ SIMPSON HUS2/6-2 HANGER @ EA. END |
| 8 | (3) 2x10 JOISTS W/ (2) ROWS 16d @ 8" O.C. STAGGERED. ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDE OF THE JOIST. ATTACHED JOISTS TO STRINGER W/ SIMPSON H2.5A |
| 9 | BENCH BY OTHERS, SIZE AND LOCATION TO BE DETERMINED BY BUILDER |

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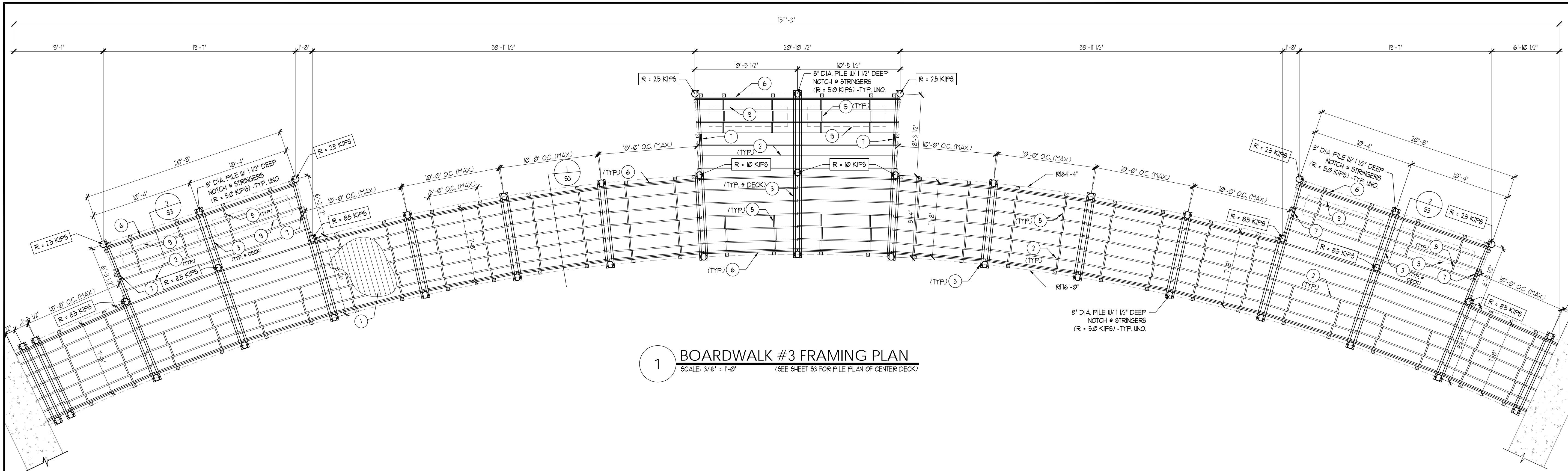
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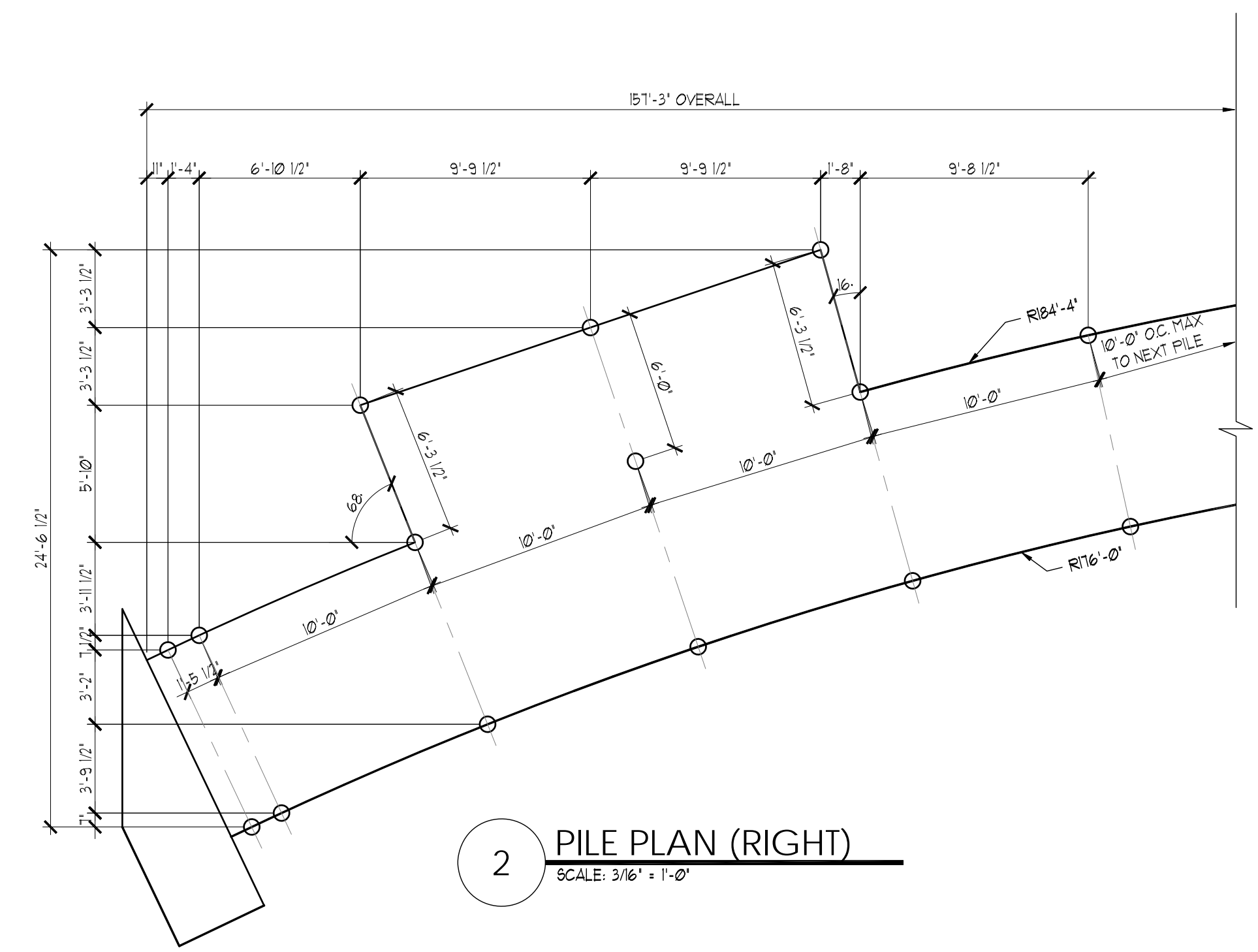
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P.E. # 68421

SHEET TITLE:
BOARDWALK #1 & #2
FRAMING PLAN

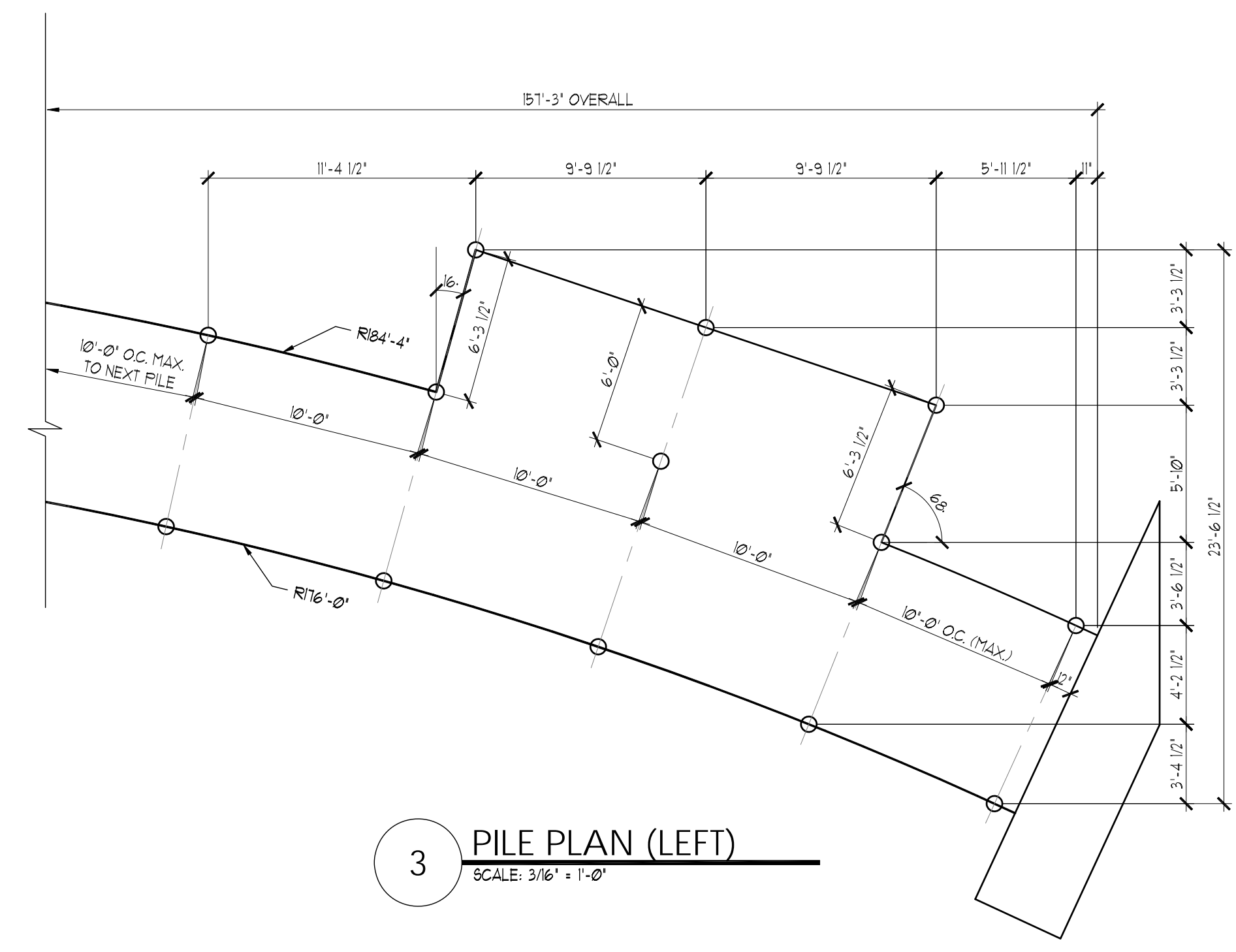
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1 BOARDWALK #3 FRAMING PLAN
 SCALE: 3/16" = 1'-0"
 (SEE SHEET S3 FOR PILE PLAN OF CENTER DECK)



2 PILE PLAN (RIGHT)
 SCALE: 3/16" = 1'-0"



3 PILE PLAN (LEFT)
 SCALE: 3/16" = 1'-0"

STRUCTURAL NOTES	
1	2" x 6" TREX COMPOSITE DECKING (OR EQUIV.) ATTACHED TO EA. JOIST W/ (2) #10 x 3" SS SCREWS
2	2x10 JOISTS @ 16" O.C. (MAX.), ATTACHED TO STRINGER W/ SIMPSON H2.5A.
3	(2) 3x12 STRINGERS (ONE ON EA. SIDE PILING); NOTCH PILING 1 1/2" DEEP @ STRINGERS BEARING. SEE DETAIL SHEET S3 FOR CONNECTION TO STRINGERS.
4	SIMPSON HUS26 HANGER (FOR SINGLE PLY) + USE SIMPSON HUS2-2 HANGER (FOR DOUBLE PLIES)
5	2x10 BLOCKING W/ (2) 16d TOENAILS @ EA. END.
6	(2) 2x10 EXTERIOR JOISTS W/ (2) ROWS 16d @ 8" O.C. (STAGGERED), ATTACHED TO STRINGER W/ SIMPSON H2.5A
7	(2) 2x10 JOIST W/ SIMPSON HUS26-2 HANGER @ EA. END
8	(3) 2x10 JOISTS W/ (2) ROWS 16d @ 8" O.C. STAGGERED. ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDE OF THE JOIST. ATTACHED JOISTS TO STRINGER W/ SIMPSON H2.5A
9	BENCH BY OTHERS, SIZE AND LOCATION TO BE DETERMINED BY BUILDER

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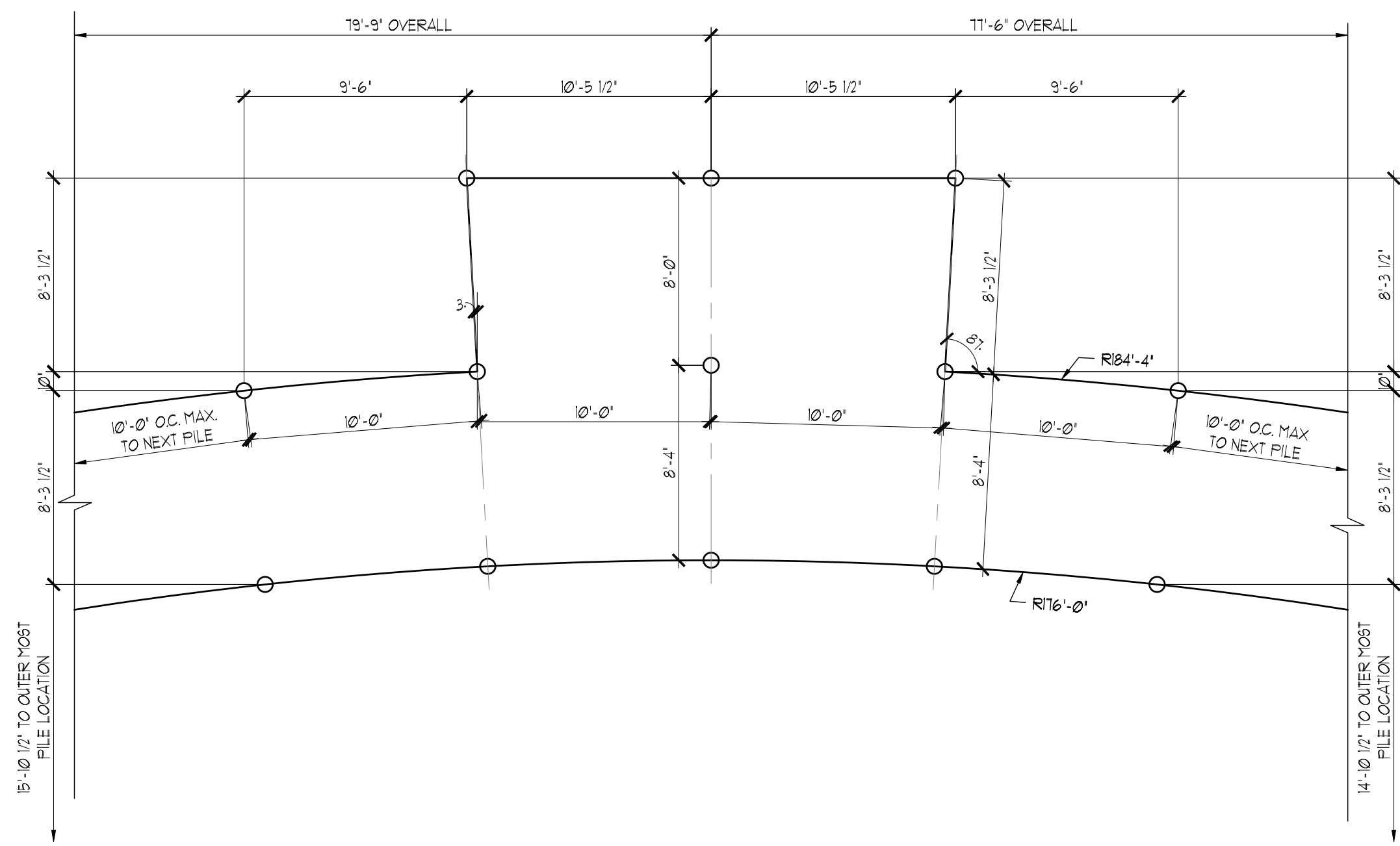
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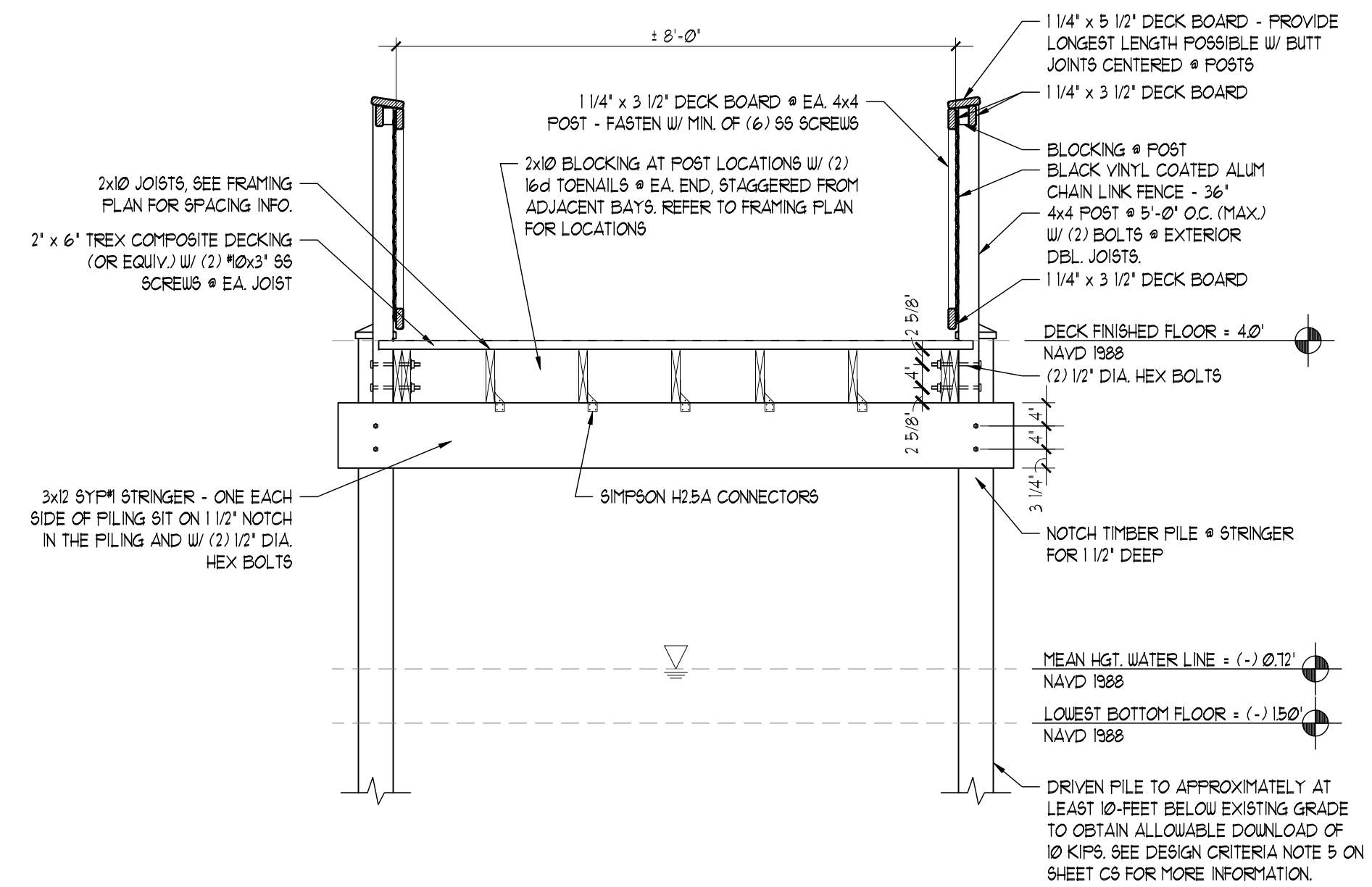
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SHEET TITLE:
 BOARDWALK #3 FRAMING PLAN

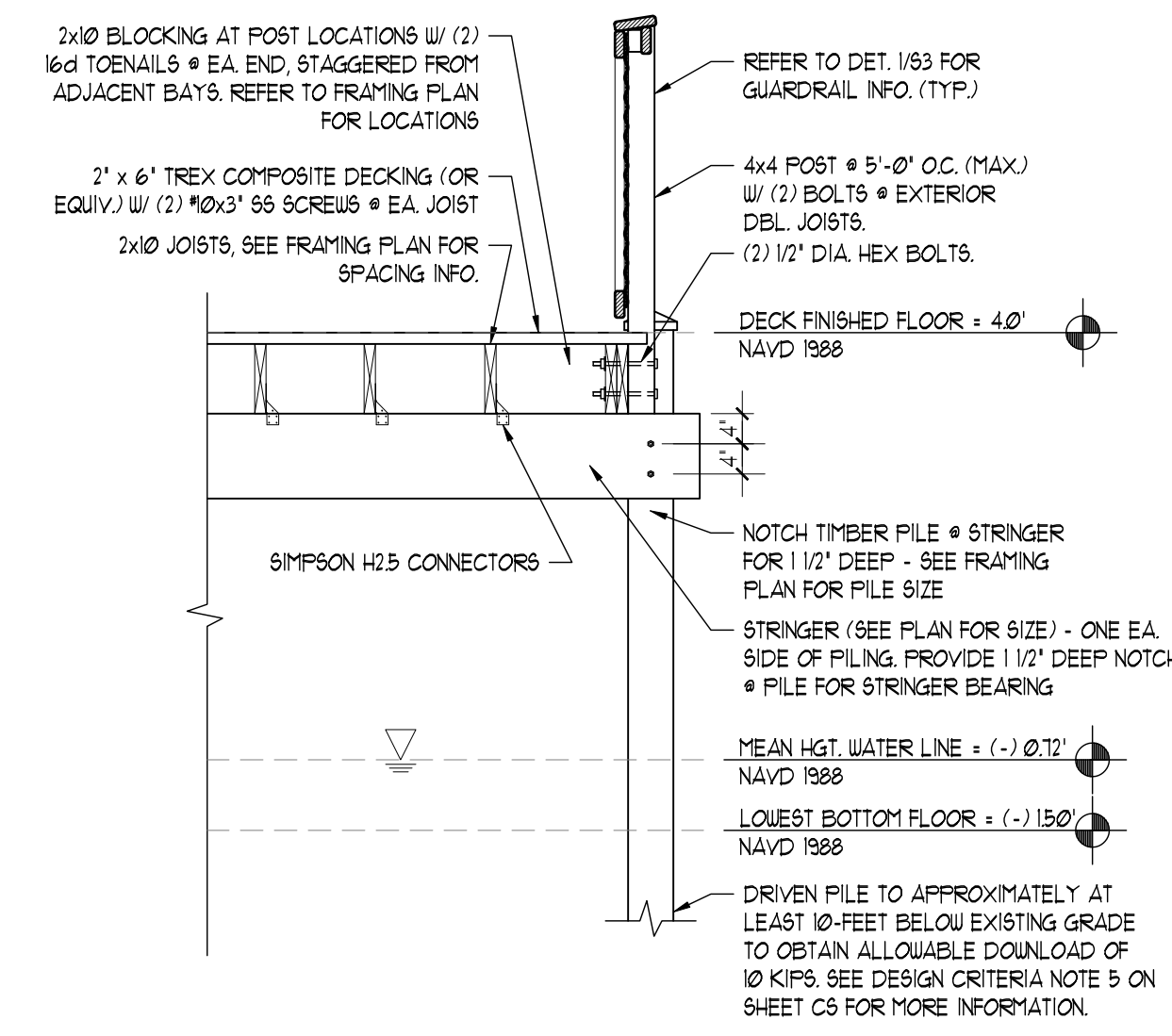
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3 PILE PLAN (CENTER)
SCALE: 3/16" = 1'-0"



1 SECTION AT BOARDWALK
SCALE: 1/2" = 1'-0"



2 SECTION AT OBSERVATION DECK
SCALE: 1/2" = 1'-0"
REFER TO DETAIL 1/53 FOR GUARDRAIL INFO.

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SHEET TITLE:
BOARDWALK DETAILS

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