

**CALOOSAHATCHEE REGIONAL PARK**

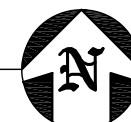
**CALOOSAHATCHEE RIVER**

**BOARDWALK #2**  
 REPLACE DAMAGED GUARDRAIL  
 FIELD VERIFY SECTION TO REPLACE (+/- 15 LINEAR FEET)  
 REPLACE WITH LIKE MATERIALS AND DESIGN AS EXISTING

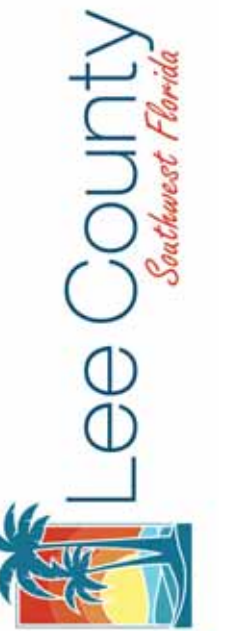
**BOARDWALK #1 REMOVE AND REPLACE**  
 (150 LINEAR FEET)

AERIAL

1/32" = 1'-0"



Max Morgan,  
 Professional Engineer,  
 State of Florida,  
 License No. 34877  
 This item has been  
 digitally signed and sealed by  
 Max Morgan, P.E.  
 on the date indicated here.  
 10/31/2024  
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**CALOOSAHATCHEE REGIONAL PARK BOARDWALK REPAIRS FOR LEE COUNTY, FLORIDA**

NO.	REVISIONS DESCRIPTION	DATE

DATE: 10/31/2024  
 PROJECT NO. 23095.001  
 FILE NO. DJ #1305710  
 SCALE: 1/32" = 1'-0"

**THE WEILER ENGINEERING CORPORATION**  
 These plans are in Compliance with Florida Building Code 2023 for wind parameters indicated.  
**WIND PARAMETERS**  
 Method of Design: ASCE 7-22  
 Building Risk Category: II  
 Design Wind Speed: Ultimate  $V_{ult}$ =149 MPH / Nominal  $V_{nom}$  = 115 MPH  
 Wind Importance Factor: 1.0 / Wind Exposure: B  
 Internal Pressure Coefficient: ±0.00 (Open)  
 Component & Cladding Wind Pressure: per Calcs  
**FLOOD PARAMETERS**  
 FEMA FIRM Map Number: 12071C0307G  
 Base Flood Elevation: AE-9  
 100-year, 1-hour Design Rainfall: 4.5 in (FBC 2023 Fig. 1611.1)  
**GEOTECHNICAL PARAMETERS**  
 Data Source: TIERRA PROJECT NO. 6511-23-232  
 Vertical Bearing Capacity: 8" PILE: 4 TONS, 10" PILE: 5 TONS  
 Lateral Bearing Pressure: 1 TON PER PILE

AERIAL PLAN

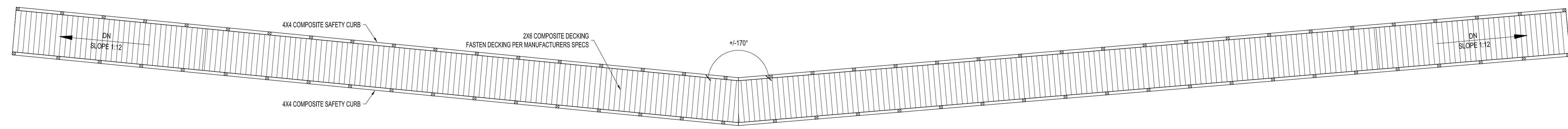
SHEET NUMBER

**S001.0**

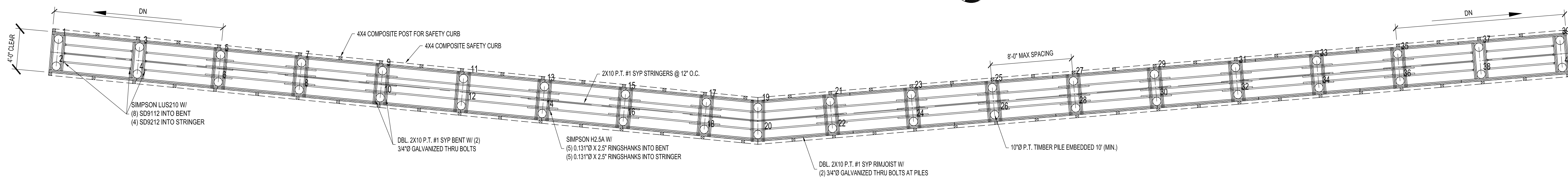
Max Morgan,  
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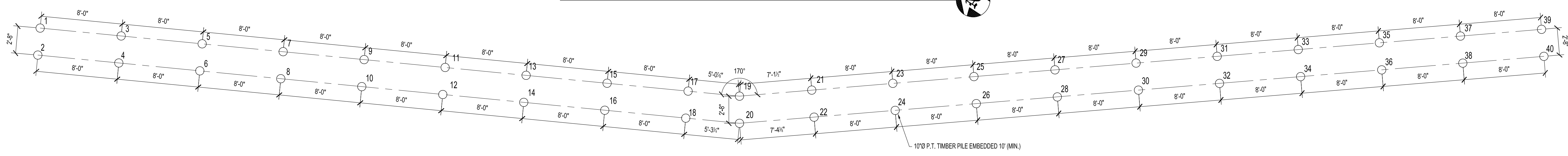
**CALOOSAHATCHEE REGIONAL PARK BOARDWALK REPAIRS FOR LEE COUNTY, FLORIDA**



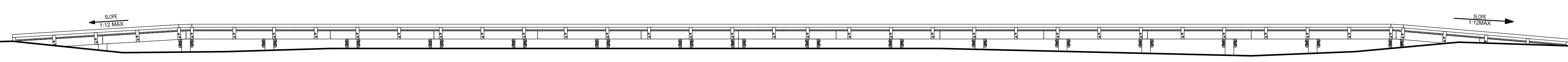
**BOARDWALK #1 PLAN** 3/16" = 1'-0"



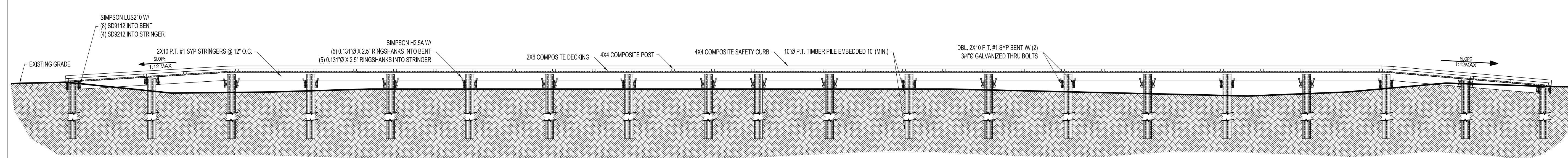
**BOARDWALK #1 FRAMING PLAN** 3/16" = 1'-0"



**BOARDWALK #1 PILING PLAN** 3/16" = 1'-0"



**BOARDWALK #1 ELEVATION** 3/16" = 1'-0"



**BOARDWALK #1 SECTION** 3/16" = 1'-0"

SQUARE FOOTAGE TABULATION	
OVER LAND TO REMAIN:	0 S.F.
OVER WATER TO REMAIN:	0 S.F.
TOTAL TO REMAIN:	0 S.F.
OVER LAND TO REPLACE:	686 S.F.
OVER WATER TO REPLACE:	0 S.F.
TOTAL TO REPLACE:	686 S.F.
TOTAL AFTER REPLACEMENT:	686 S.F.

PILE COUNT	
TO REMAIN:	0
TO REPLACE:	40
TOTAL:	40

- NOTE:**
- REFER TO CIVIL FOR GRADE ELEVATIONS
  - ALL WALKING SURFACES SHALL HAVE A MAXIMUM CROSS SLOPE NO GREATER THAN 2%, INCLUDING BUT NOT LIMITED TO WALKWAYS, RAMPS AND ALL PUBLICLY ACCESSIBLE SURFACES.
  - ALL RAMP WALKING SURFACES SHALL HAVE A MAXIMUM SLOPE OF 1" IN 12" (1/12) OR 8.30%.

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DATE: 10/31/2024  
PROJECT NO. 23095.001  
FILE NO. DI #1305710  
SCALE: 3/16" = 1'-0"

**BOARDWALK #1 PLANS AND ELEVATIONS**

SHEET NUMBER  
**S100.0**

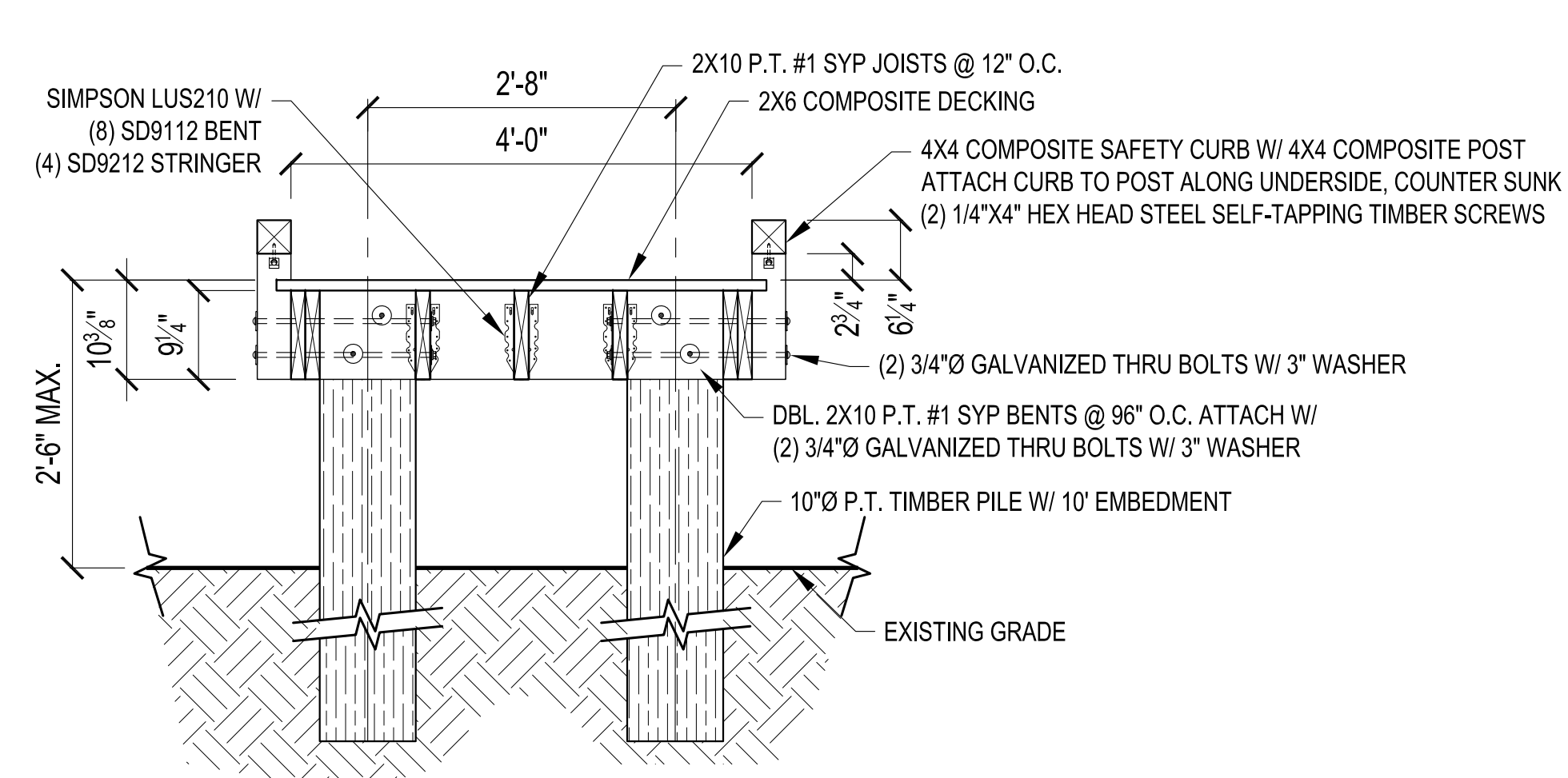
NO.	REVISIONS DESCRIPTION	DATE

DATE: 10/31/2024  
PROJECT NO. 23095.001  
FILE NO. DI #1305710  
SCALE: AS SHOWN

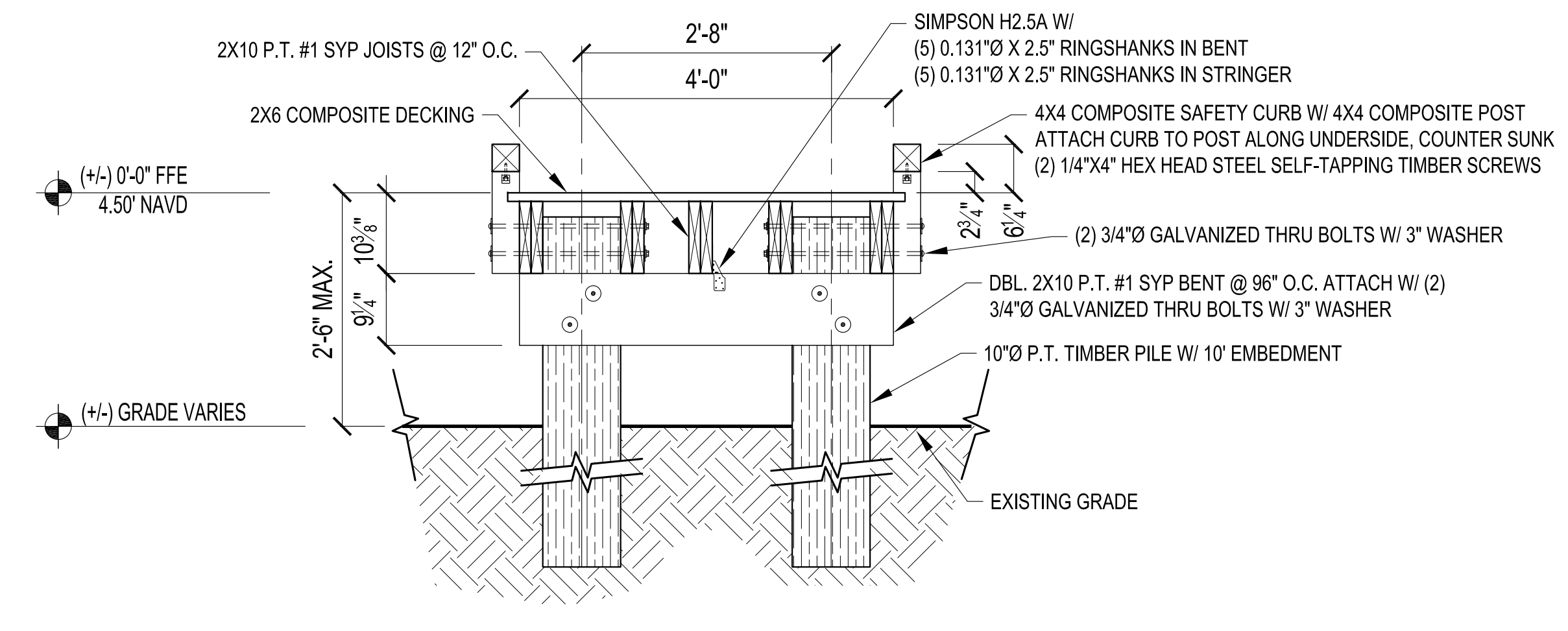
**DETAILS AND PILING INDEX**

SHEET NUMBER

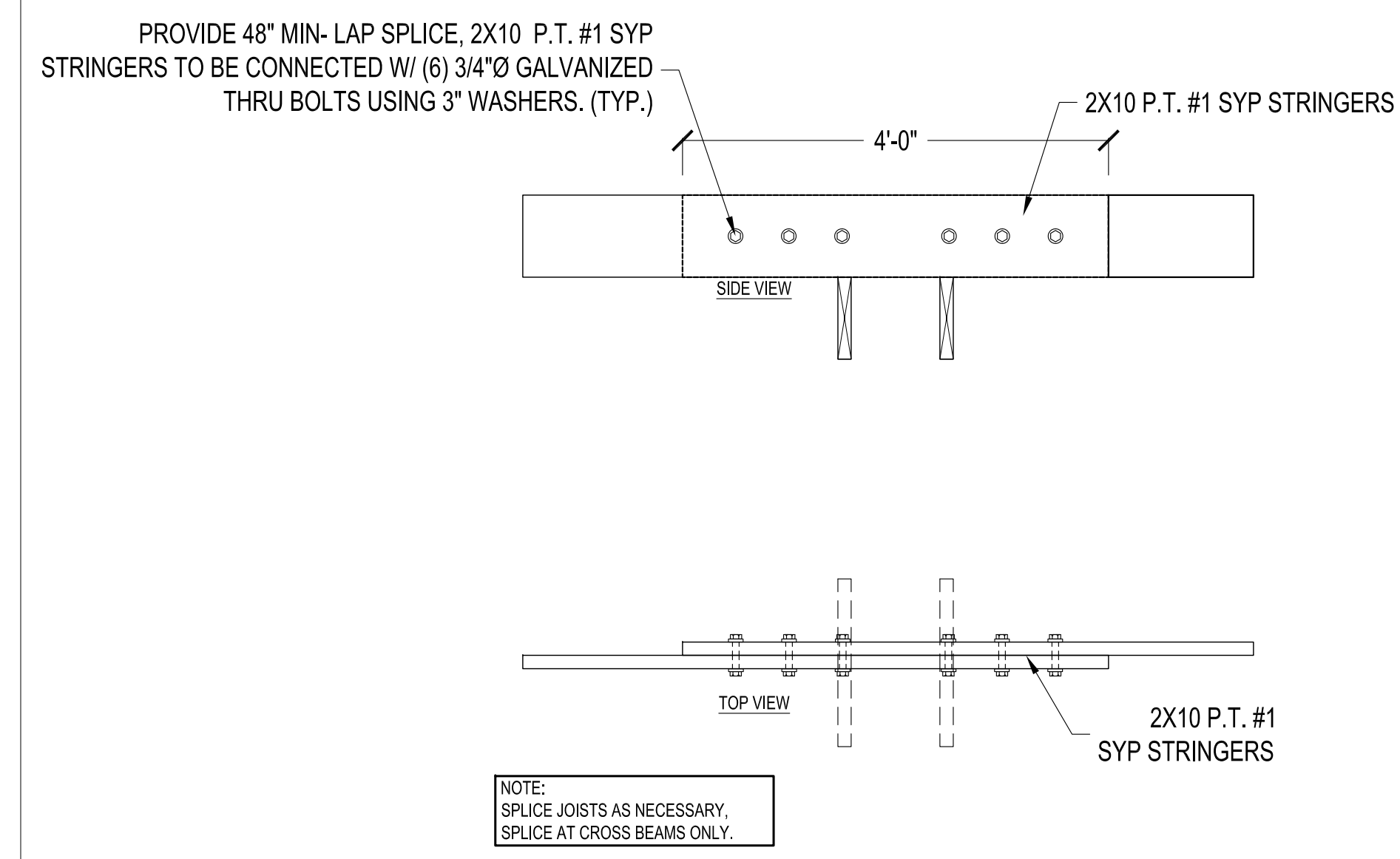
**S200.0**



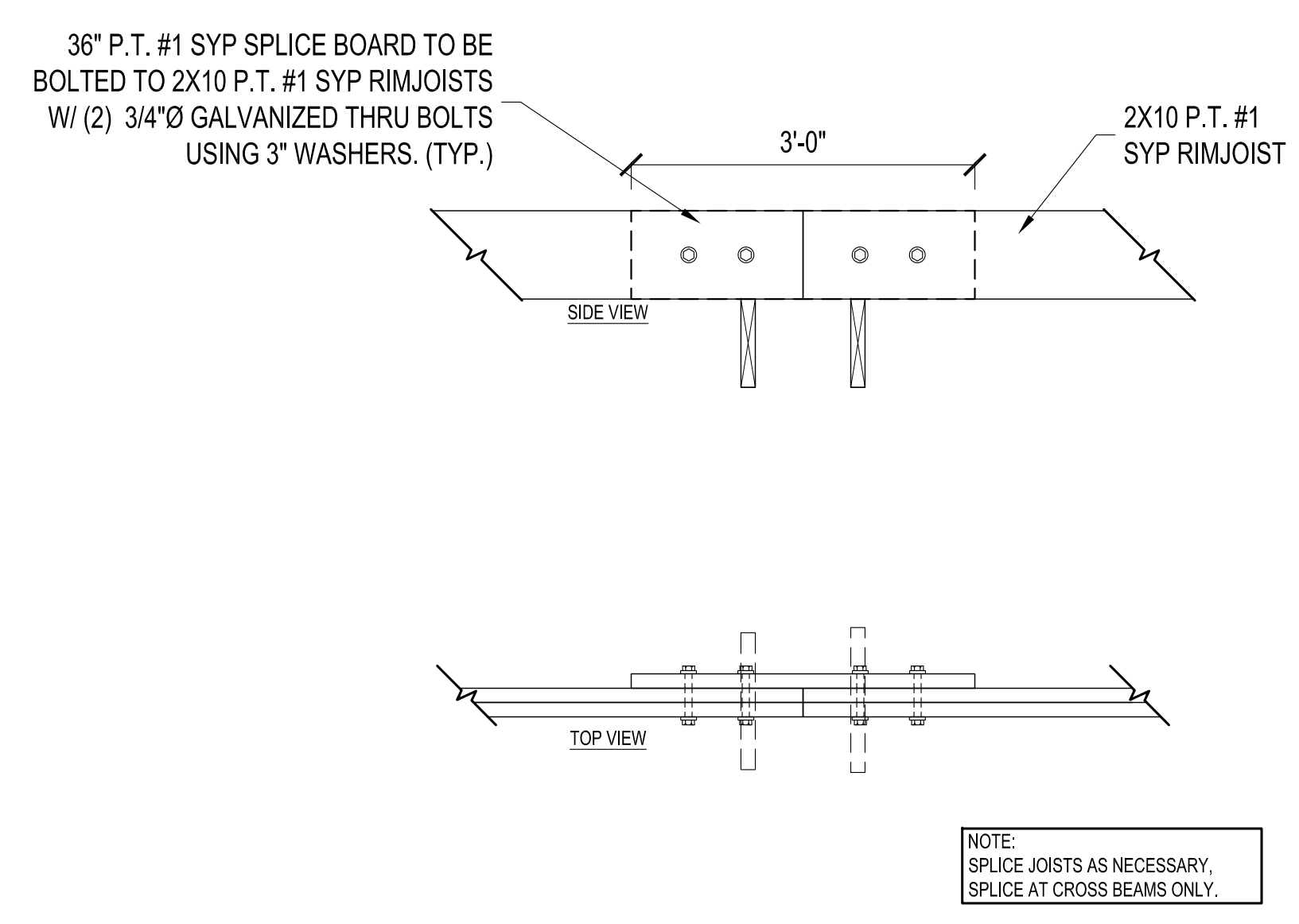
**1 SAFETY CURB BOARDWALK W/ HANGER SECTION**  
3/4" = 1'-0"



**2 TYPICAL SAFETY CURB BOARDWALK SECTION**  
3/4" = 1'-0"



**3 TYPICAL STRINGER SPLICE DETAIL**  
3/4" = 1'-0"



**4 TYPICAL RIMJOIST SPLICE DETAIL**  
3/4" = 1'-0"

**5 PILING INDEX**  
N.T.S.  
NOTE:  
ALL ELEVATION REFERENCE TO NAVD 1988.  
CONVERSION TO NGVD 1929 IS: NAVD 1988+1.18=NGVD 1929

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