

INDEX OF SHEETS		
SHEET NO.	DSECRPTION	SHEET SUBTOTAL
BR1	TITLE SHEET	1
BR2	SUMMARY OF ESTIMATED QUANTITIES	1
BR3	PLAN LAYOUT	1
BR4	PROFILE LAYOUT	1
BR5	DETAILS	1
BR6	PILING AND FOUNDATION PLAN	1
BR7	LEDGERS AND END STEPS LAYOUT	1
BR8	JOISTS LAYOUT	1
BR9	DECKING PLAN	1
TOTAL SHEETS		9



COUNTRY	COMMUNITY	PROJECT NAME	CHAPTER	SHEET NO.	SHEET TOTAL
USA - SC	SESQUICENTENNIAL STATE PARK	SESQUI BRIDGE	EWB-USC	BR1	9

PROJECT/TRIP INFORMATION		
HIGH-RISK TRIP DESIGNATION	___ YES	___ NO
SMALL TRAVEL TEAM	___ YES	___ NO

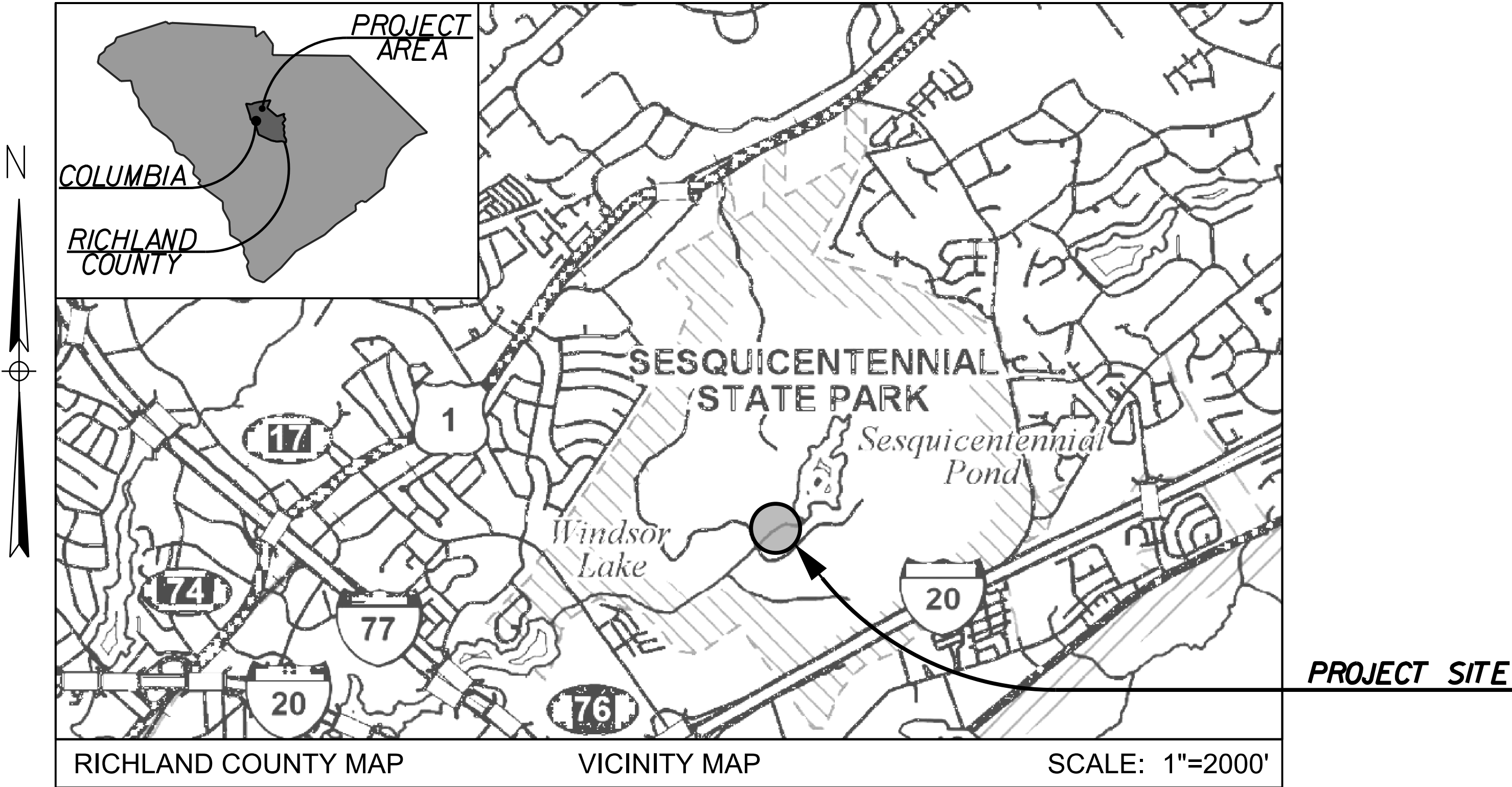
# PROPOSED PLANS FOR: SESQUICENTENNIAL STATE PARK PEDESTRIAN BRIDGE

TRIP DEPARTURE AND ARRIVAL DETAILS					
#	DEPARTURE		MODE OF TRAVEL	ARRIVAL	
1	LOCATION	DATE - ###-##-##	AIRPLANE	LOCATION	DATE - ###-##-##
2	LOCATION	DATE - ###-##-##	BUS	LOCATION	DATE - ###-##-##
3	LOCATION	DATE - ###-##-##	CAR	LOCATION	DATE - ###-##-##
4	LOCATION	DATE - ###-##-##	TRAIN	LOCATION	DATE - ###-##-##
5	LOCATION	DATE - ###-##-##	AIRPLANE	LOCATION	DATE - ###-##-##

TRIP CONTACT INFORMATION			
ORGANIZATION	NAME	PHONE	EMAIL
INTERNATIONAL SOS	EMERGENCY TRAVEL CONTACT	1 (215) 942-8333	customersupport@internationalsos.com
IN-COUNTRY TEAM CONTACT	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
COMMUNITY LOCAL CONTACT	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
EWB COUNTRY OFFICE	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
USA CHECK IN CONTACT	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
EWB NATIONAL	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
IN-COUNTRY USA EMBASSY	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web

EMERGENCY CONTACTS AND ADDRESSES			
ORGANIZATION	ADDRESS	PHONE	EMAIL
IN-COUNTRY EMERGENCY SERVICES	###-### STREET ADDRESS, TOWN/CITY, PROVIDE, COUNTRY	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
IN-COUNTRY EWB OFFICE	###-### STREET ADDRESS, TOWN/CITY, PROVIDE, COUNTRY	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
IN-COUNTRY USA EMBASSY	###-### STREET ADDRESS, TOWN/CITY, PROVIDE, COUNTRY	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
LOCAL HOSPITAL	###-### STREET ADDRESS, TOWN/CITY, PROVIDE, COUNTRY	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
EMERGENCY MEETING POINT	###-### STREET ADDRESS, TOWN/CITY, PROVIDE, COUNTRY	N/A	
NEAREST AIRPORT TO PROJECT SITE	###-### STREET ADDRESS, TOWN/CITY, PROVIDE, COUNTRY	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
NEAREST TRAIN OR BUS STATION TO PROJECT SITE	###-### STREET ADDRESS, TOWN/CITY, PROVIDE, COUNTRY	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web

TRAVEL TEAM CONTACT INFORMATION				
#	OFFICER/ROLE	NAME	PHONE	EMAIL
1	ENGINEER IN CHARGE (REIC)	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
2	PROJECT LEAD	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
3	MENTOR #1	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
4	PMEL	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
5	HEALTH & SAFETY OFFICER #1	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
6	HEALTH & SAFETY OFFICER #2	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web
7	TRAVEL TEAM MEMBER	NAME	# (###) ###-####	email-address-for-the-specified-contact-goes-in-this-block@website.web



3 DAYS BEFORE DIGGING IN  
SOUTH CAROLINA  
  
CALL 811  
  
SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

PROJECT TEAM - EWB NATIONAL & COUNTRY OFFICE		CONSTRUCTION	
OFFICER	ENTITY/NAME	INITIAL	DATE
REVIEW ENGINEER EWB-NATIONAL	NAME		
COUNTRY OFFICE ENGINEER #1	NAME		
COUNTRY OFFICE ENGINEER #2	NAME		
COMMUNITY REPRESENTATIVE	NAME		
LOCAL PARTNER REPRESENTATIVE	NAME		

PROJECT TEAM - USC STUDENT CHAPTER		CONSTRUCTION	
OFFICER	NAME	INITIAL	DATE
ENGINEER IN CHARGE (REIC)	NAME		
MENTOR #1	MICHAEL DHUNJISHAH		
MENTOR #2	EVAN JOHNSON		
PROJECT LEAD	NOAH H.		
PRESIDENT	NOAH H.		
TREASURER	NAME		
VICE PRESIDENT	NAME		
SECRETARY	NAME		
HEALTH & SAFETY OFFICER (HSO)	NAME		
PROJECT LEAD IN-TRAINING	NAME		

# ENGINEERS WITHOUT BORDERS UNIVERSITY OF SOUTH CAROLINA STUDENT CHAPTER

ENGINEER OF RECORD

FOR CONSTRUCTION: \_\_\_\_\_ DATE 4/8/2024

# SUMMARY OF ESTIMATED QUANTITIES:

COUNTRY	COMMUNITY	PROJECT NAME	CHAPTER	SHEET NO.
USA - SC	SESQUICENTENNIAL STATE PARK	SESQUI BRIDGE	EWB-USC	BR2

## LUMBER QUANTITIES

GROUP	ITEM	USE/DESCRIPTION	UNIT PRICE	QUANTITY	TOTAL

## NON LUMBER QUANTITIES

GROUP	ITEM	USE/DESCRIPTION	UNIT PRICE	QUANTITY	TOTAL

## PRE-CUT INVENTORY

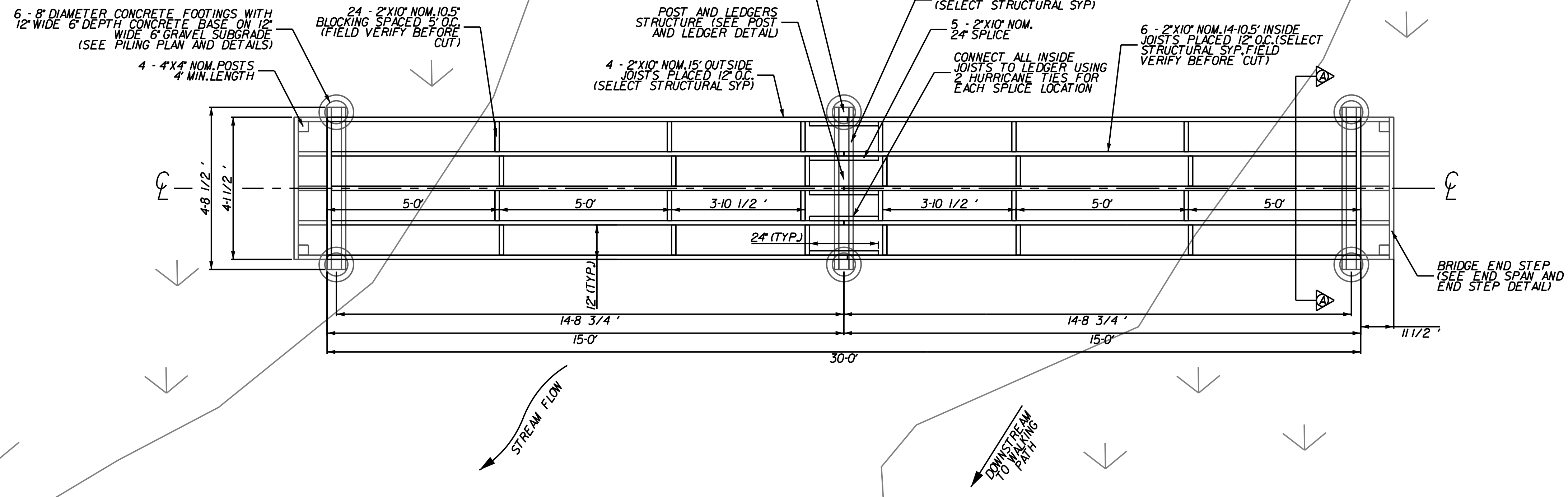
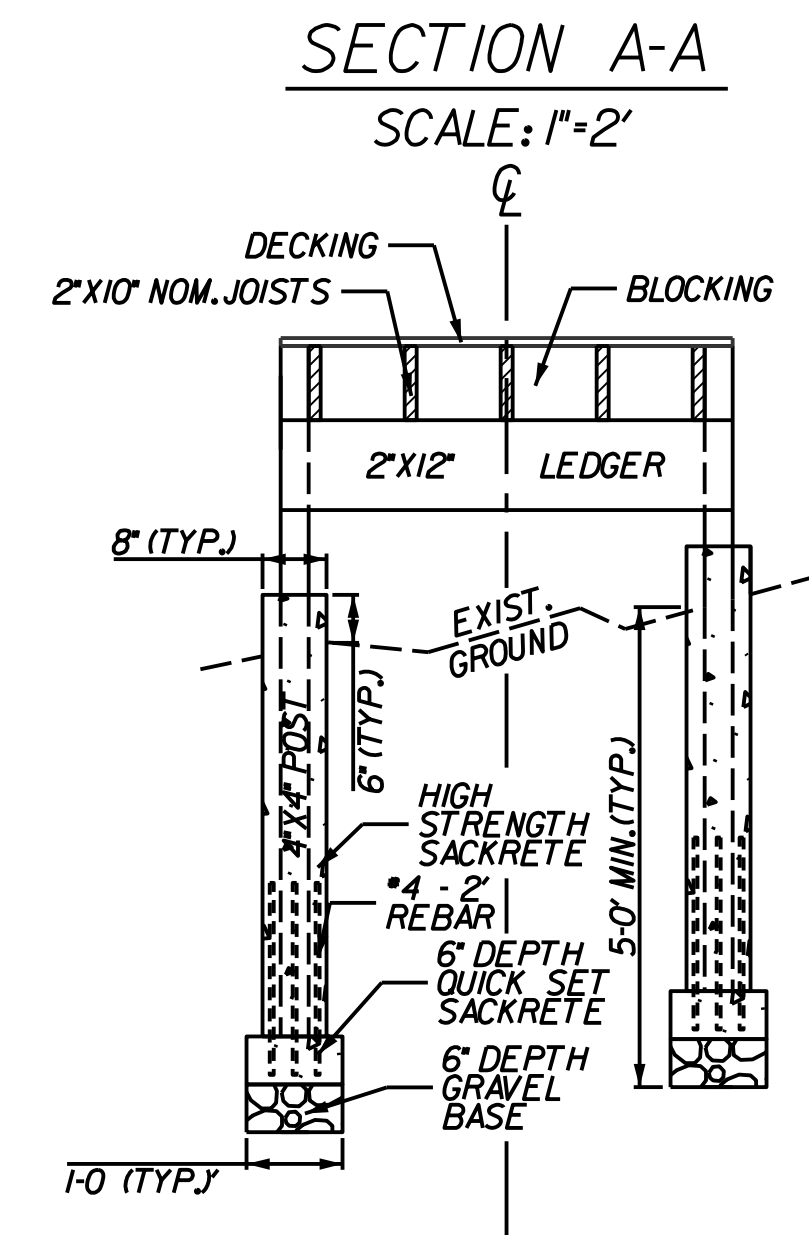
SIZE (INXIN)	LENGTH (IN)	QUANTITY	LUMBER DESCRIPTION	USE/DESCRIPTION	CUT FROM (INXINXFT)

## FIELD-CUT INVENTORY

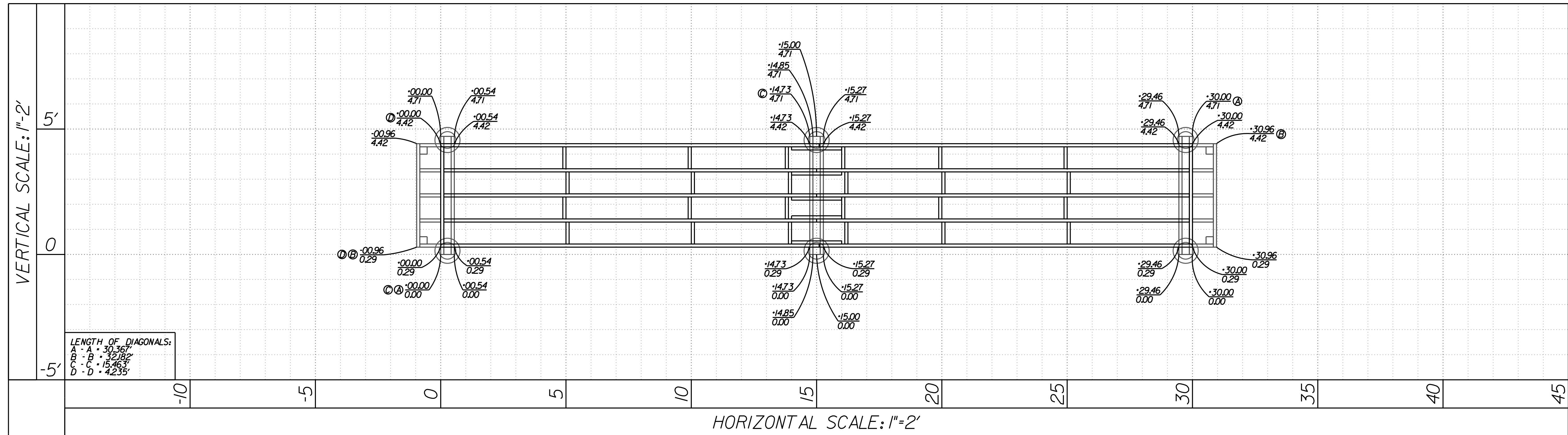
SIZE (INXIN)	LENGTH (IN)	QUANTITY	LUMBER DESCRIPTION	USE/DESCRIPTION	CUT FROM (INXINXFT)

						4				ENGINEERS WITHOUT BORDERS UNIVERSITY OF SOUTH CAROLINA EWB-USC COLUMBIA, S.C.
						3				
						2				
						1				
						REV. NO.	BY	DATE	DESCRIPTION OF REVISION	SESQUICENTENNIAL PEDESTRIAN BRIDGE SESQUICENTENNIAL STATE PARK BRIDGE PLANS SUMMARY OF ESTIMATED QUANTITIES
								SCALE: NTS SHEET NO. BR2		

COUNTRY	COMMUNITY	PROJECT NAME	CHAPTER	SHEET NO.
USA - SC	SESQUICENTENNIAL STATE PARK	SESQUI BRIDGE	EWB-USC	BR3



- NOTES:**
1. ALL LUMBER SHALL BE #2 GRADE PRESSURE TREATED (GROUND CONTACT) SOUTHERN YELLOW PINE UNLESS SPECIFIED OTHERWISE.
  2. TOPOGRAPHY FEATURES SHOWN ARE APPROXIMATE. NO SURVEY WAS CONDUCTED AS PART OF PROJECT.
  3. ALL CONNECTION HARDWARE TO BE COMPOSED OF HOT-DIP GALVANIZED OR STAINLESS STEEL.
  4. WOOD PRESERVATIVE TO BE APPLIED TO THE SURFACE OF ALL BRIDGE AND STEP COMPONENTS EXCEPT SURFACE DECKING.
  5. WOOD PRESERVATIVE SHALL BE APPLIED TO NEW BOARD CUT FACES.



4			
3			
2			
1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION

SCALE IN FEET  
0 2 4 6

DRAWN BY: EAJ  
DATE: 4/8/2024

ENGINEERS WITHOUT BORDERS  
UNIVERSITY OF SOUTH CAROLINA  
EWB-USC COLUMBIA, S.C.

SESQUICENTENNIAL PEDESTRIAN BRIDGE  
SESQUICENTENNIAL STATE PARK  
BRIDGE PLANS  
PLAN LAYOUT

SCALE: 1" = 2'

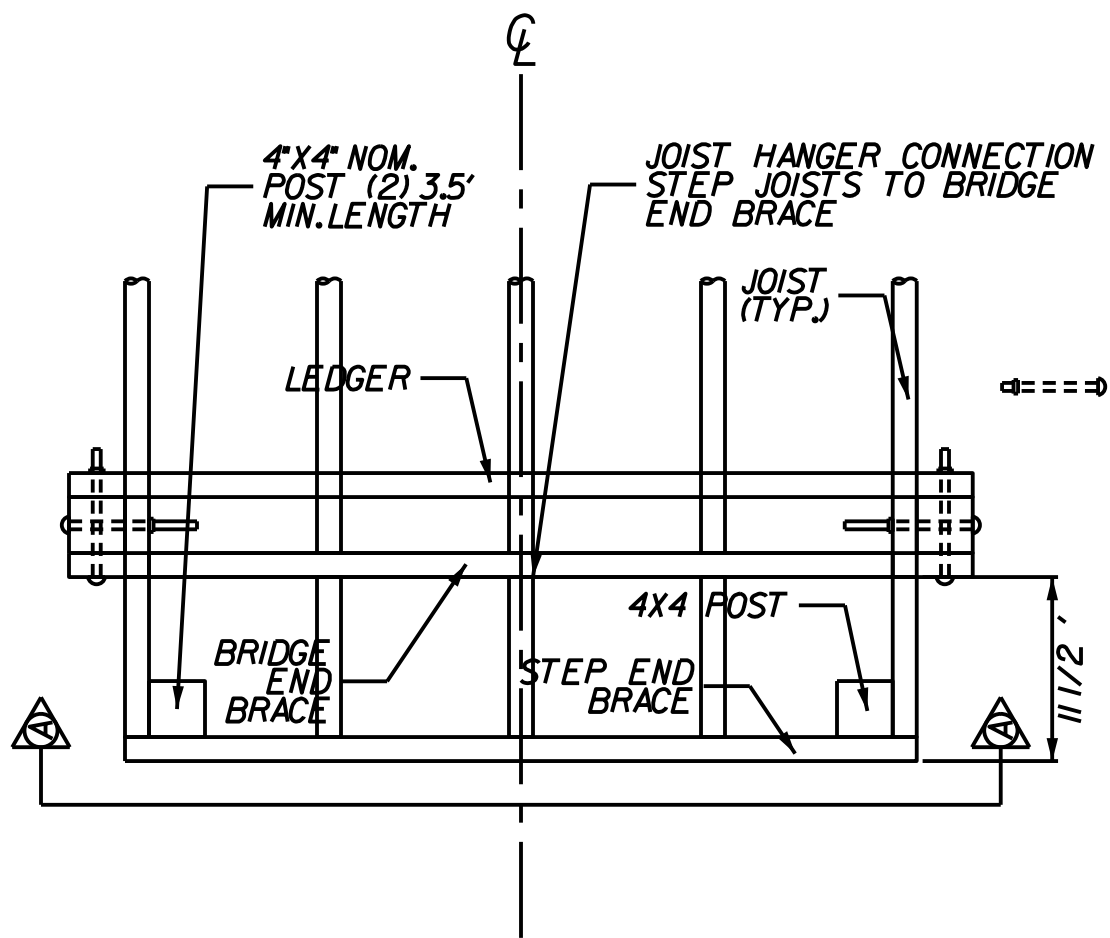
SHEET NO. BR3



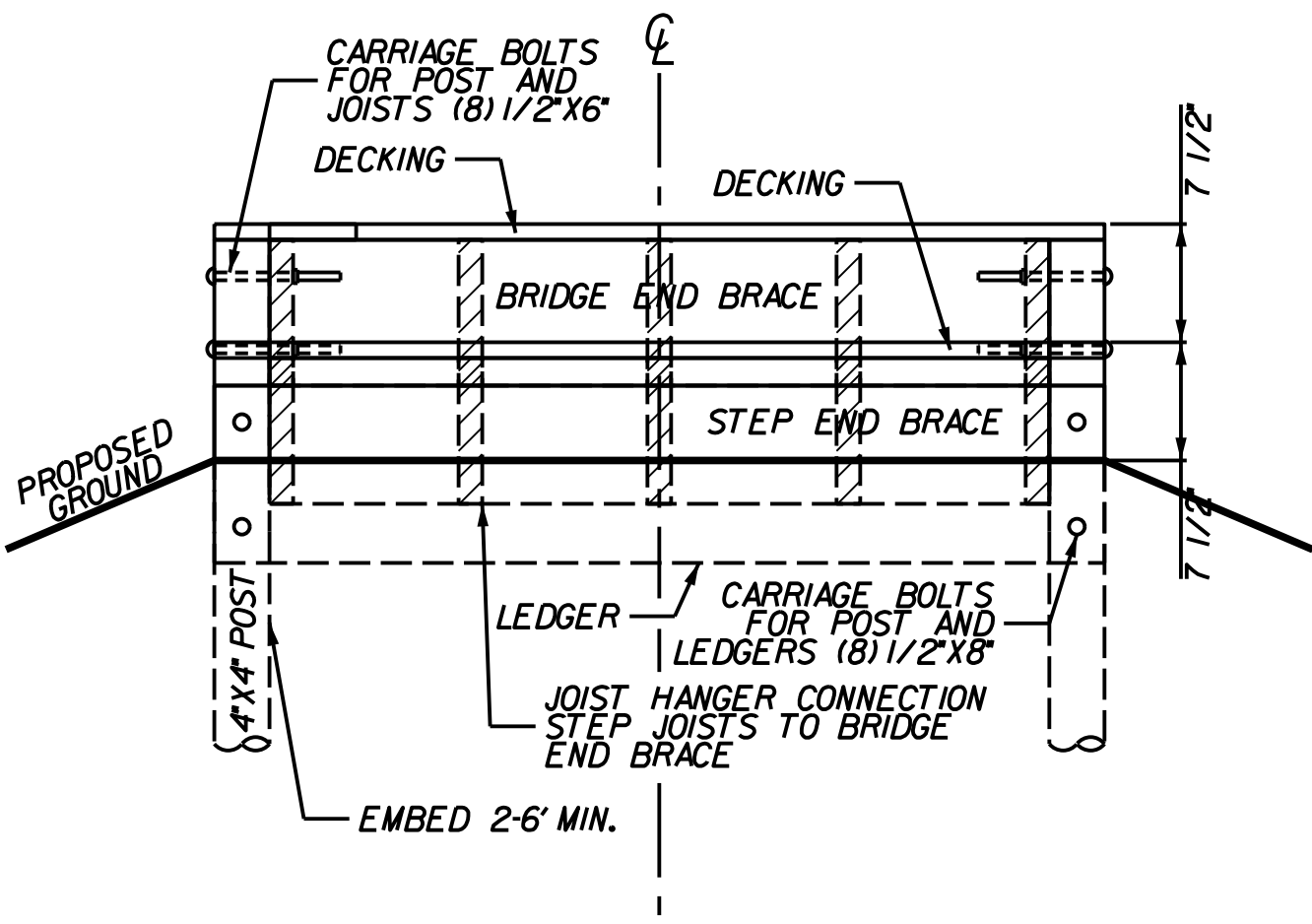


END SPAN AND END STEP DETAIL

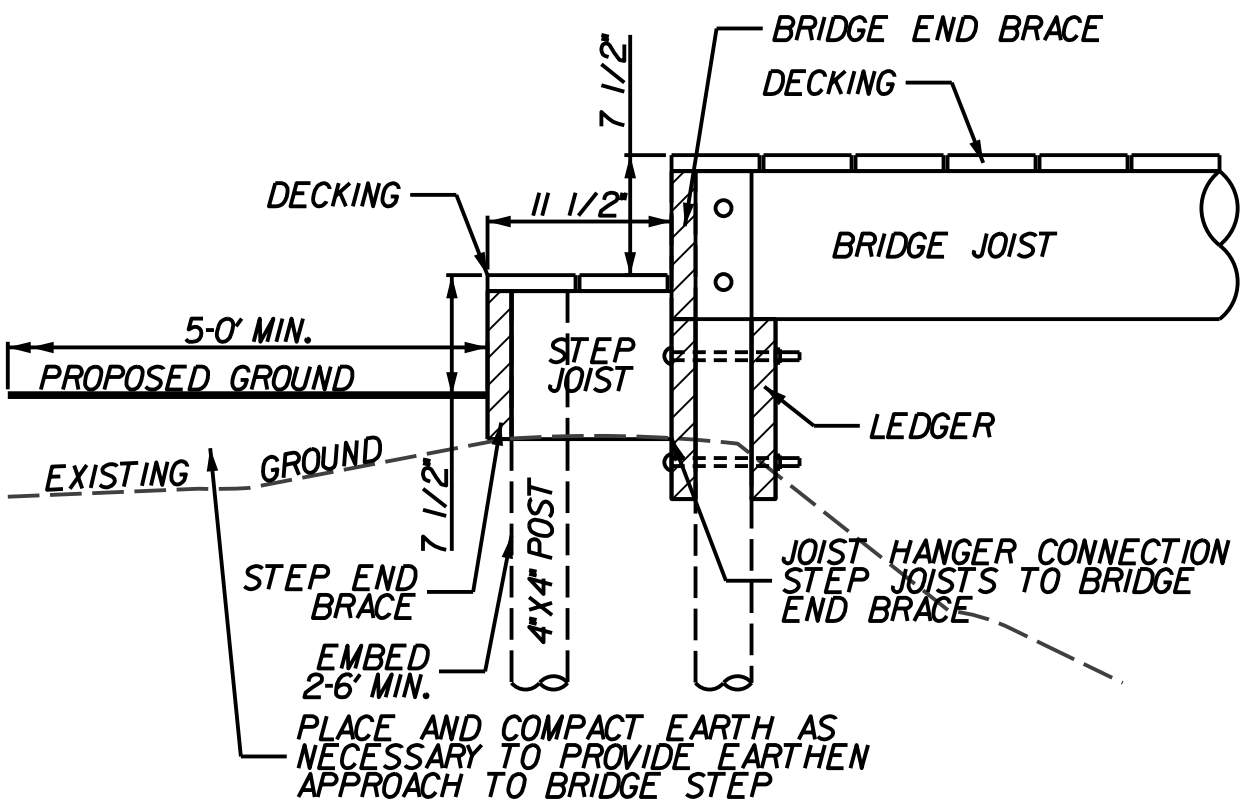
SCALE: 1"=1'



PLAN VIEW



CROSS SECTION VIEW A-A



SIDE VIEW

POST AND LEDGERS DETAIL NOTES:

1. CARRIAGE BOLTS USED IN SPLICE TO BE INSTALLED A MINIMUM OF 1.5X BOLT DIAMETER DISTANCE FROM EDGE OF BOARDS.

WOOD SCREW PILOT HOLE SIZING

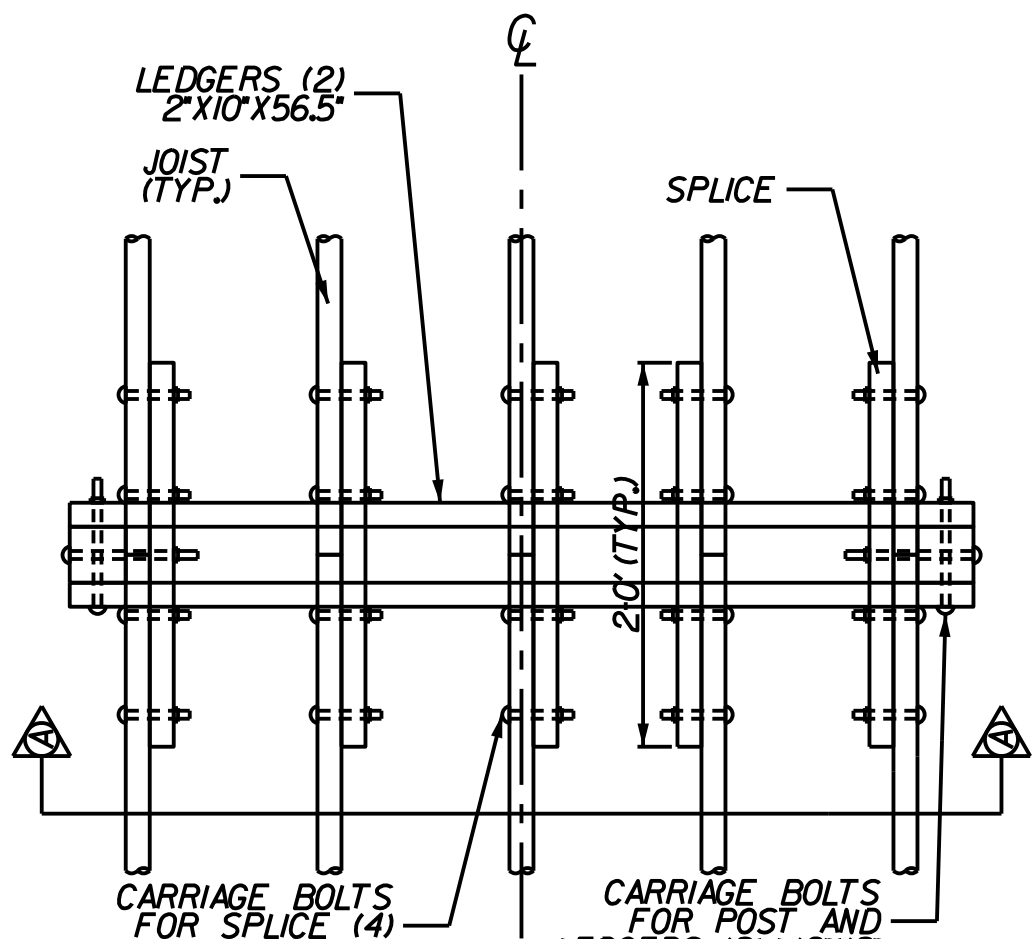
SCREW SIZE	HARDWOOD		SOFTWOOD		COUNTERSINK SIZE (IN)
	TAPERED BIT (IN)	STRAIGHT BIT (IN)	TAPERED BIT (IN)	STRAIGHT BIT (IN)	
2	3/32	1/16	5/64	1/16	1/4
3	7/64	5/64	3/32	1/16	1/4
4	7/64	5/64	3/32	1/16	1/4
5	1/8	3/32	7/64	5/64	5/16
6	9/64	7/64	1/8	3/32	5/16
7	5/32	7/64	9/64	3/32	5/16
8	11/64	1/8	5/32	7/64	3/8
9	3/16	9/64	11/64	1/8	3/8
10	13/64	9/64	3/16	1/8	7/16
12	7/32	5/32	13/64	9/64	7/16
14	1/4	11/64	15/64	5/32	1/2
16	9/32	3/16	17/64	11/64	9/16
18	5/16	7/32	19/64	13/64	5/8
20	21/64	15/64	5/16	7/32	3/4
24	3/8	17/64	3/8	1/4	3/4

CARRIAGE BOLT PILOT HOLE SIZING

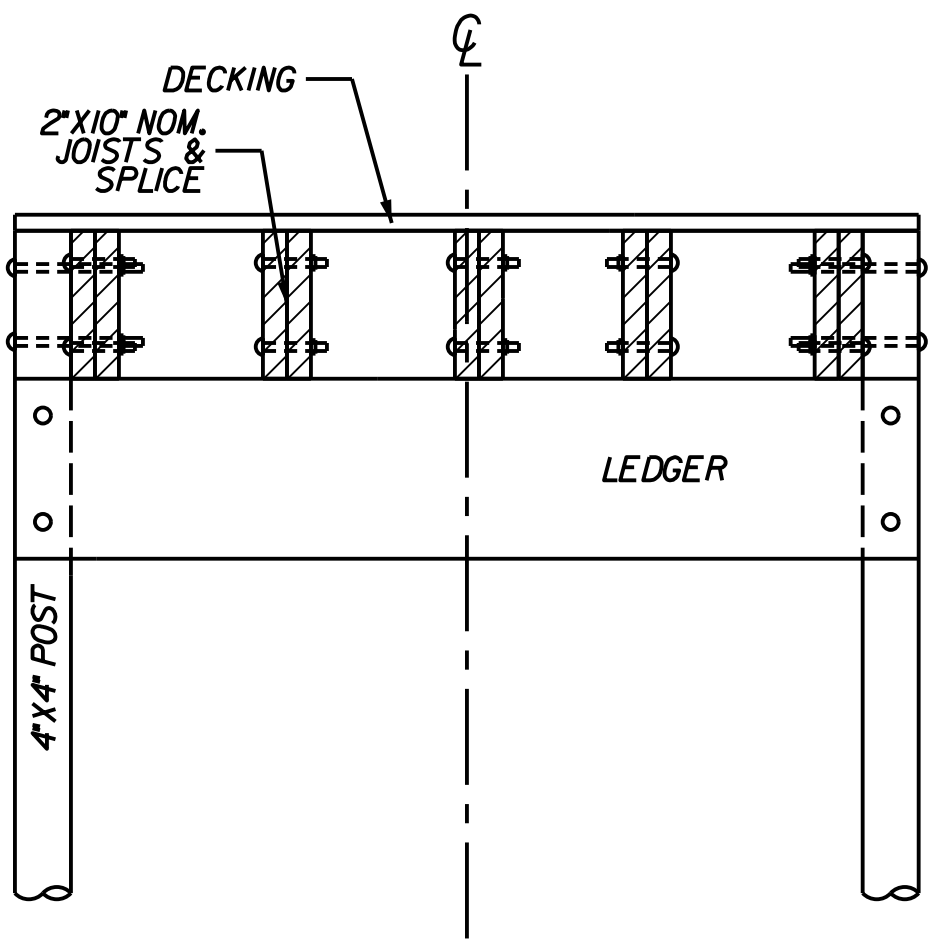
DIAMETER (IN)	PILOT HOLE SHANK PART (IN)	PILOT HOLE SIZE THREAD PART (IN)	SOCKET OR WRENCH SIZE (IN)	SOCKET OR WRENCH SIZE HEAVY (IN)
1/4	1/4	3/16	7/16	N/A
5/16	5/16	1/4	1/2	N/A
3/8	3/8	15/64	9/16	N/A
7/16	7/16	9/32	5/8	N/A
1/2	1/2	5/16	3/4	7/8
9/16	9/16	23/64	13/16	15/16
5/8	5/8	13/32	15/16	1-1/16
3/4	3/4	1/2	1-1/8	1-1/4
7/8	7/8	39/64	1-5/16	1-7/16
1	1	23/32	1-1/2	1-5/8

POST AND LEDGERS DETAIL

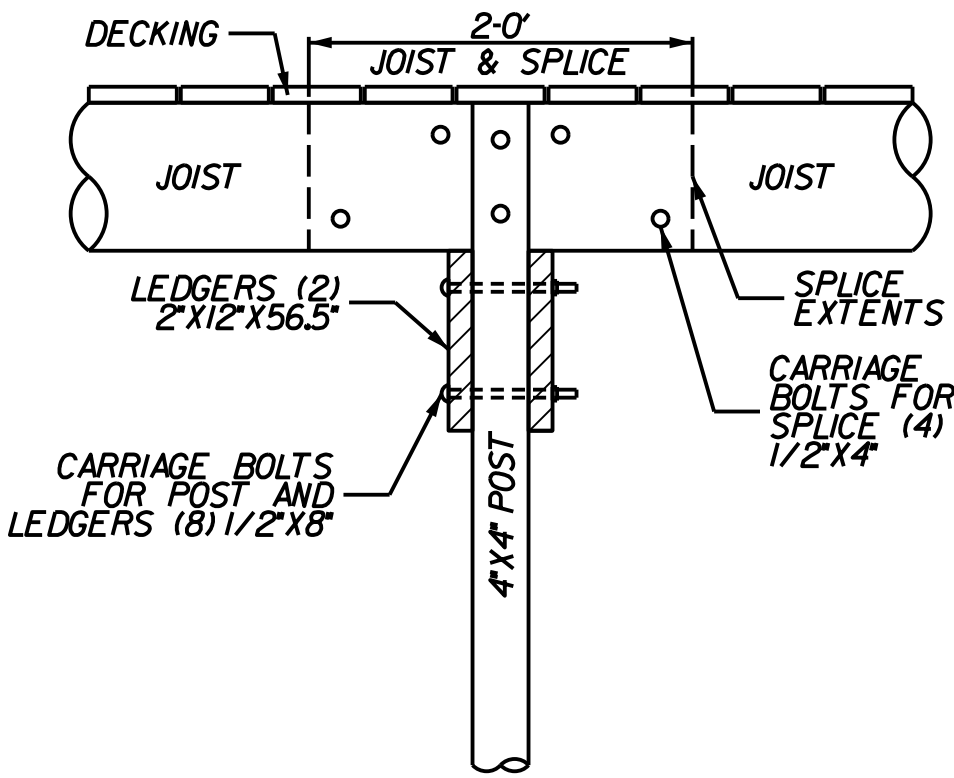
SCALE: 1"=1'



PLAN VIEW



CROSS SECTION VIEW A-A



SIDE VIEW

POST AND LEDGERS DETAIL NOTES:

1. CARRIAGE BOLTS USED IN SPLICE TO BE INSTALLED A MINIMUM OF 1.5X BOLT DIAMETER DISTANCE FROM EDGE OF BOARDS.

INCHES TO DECIMAL FEET CONVERSION CHART

WHOLE INCHES (IN)	PARTIAL INCHES (IN)	FEET CALC. (FT)	FEET ROUNDED (FT)	WHOLE INCHES (IN)	PARTIAL INCHES (IN)	FEET CALC. (FT)	FEET ROUNDED (FT)	WHOLE INCHES (IN)	PARTIAL INCHES (IN)	FEET CALC. (FT)	FEET ROUNDED (FT)	WHOLE INCHES (IN)	PARTIAL INCHES (IN)	FEET CALC. (FT)	FEET ROUNDED (FT)
0	0	0.0000	0.00	3	0	0.2500	0.25	6	0	0.5000	0.50	9	0	0.7500	0.75
	1/8	0.0104	0.01		1/8	0.2604	0.26		1/8	0.5104	0.51		1/8	0.7604	0.76
	1/4	0.0208	0.02		1/4	0.2708	0.27		1/4	0.5208	0.52		1/4	0.7708	0.77
	3/8	0.0313	0.03		3/8	0.2813	0.28		3/8	0.5313	0.53		3/8	0.7813	0.78
	1/2	0.0417	0.04		1/2	0.2917	0.29		1/2	0.5417	0.54		1/2	0.7917	0.79
	5/8	0.0521	0.05		5/8	0.3021	0.30		5/8	0.5521	0.55		5/8	0.8021	0.80
	3/4	0.0625	0.06		3/4	0.3125	0.31		3/4	0.5625	0.56		3/4	0.8125	0.81
1	7/8	0.0729	0.07	4	7/8	0.3229	0.32	7	7/8	0.5729	0.57	10	7/8	0.8229	0.82
	0	0.0833	0.08		0	0.3333	0.33		0	0.5833	0.58		0	0.8333	0.83
	1/8	0.0938	0.09		1/8	0.3438	0.34		1/8	0.5938	0.59		1/8	0.8438	0.84
	1/4	0.1042	0.10		1/4	0.3542	0.35		1/4	0.6042	0.60		1/4	0.8542	0.85
	3/8	0.1146	0.11		3/8	0.3646	0.36		3/8	0.6146	0.61		3/8	0.8646	0.86
	1/2	0.1250	0.13		1/2	0.3750	0.38		1/2	0.6250	0.63		1/2	0.8750	0.88
	5/8	0.1354	0.14		5/8	0.3854	0.39		5/8	0.6354	0.64		5/8	0.8854	0.89
2	3/4	0.1458	0.15	5	3/4	0.3958	0.40	8	3/4	0.6458	0.65	11	3/4	0.8958	0.90
	7/8	0.1563	0.16		7/8	0.4063	0.41		7/8	0.6563	0.66		7/8	0.9063	0.91
	0	0.1667	0.17		0	0.4167	0.42		0	0.6667	0.67		0	0.9167	0.92
	1/8	0.1771	0.18		1/8	0.4271	0.43		1/8	0.6771	0.68		1/8	0.9271	0.93
	1/4	0.1875	0.19		1/4	0.4375	0.44		1/4	0.6875	0.69		1/4	0.9375	0.94
	3/8	0.1979	0.20		3/8	0.4479	0.45		3/8	0.6979	0.70		3/8	0.9479	0.95
	1/2	0.2083	0.21		1/2	0.4583	0.46		1/2	0.7083	0.71		1/2	0.9583	0.96
	5/8	0.2188	0.22		5/8	0.4688	0.47		5/8	0.7188	0.72		5/8	0.9688	0.97
	3/4	0.2292	0.23		3/4	0.4792	0.48		3/4	0.7292	0.73		3/4	0.9792	0.98
	7/8	0.2396	0.24		7/8	0.4896	0.49		7/8	0.7396	0.74		7/8	0.9896	0.99

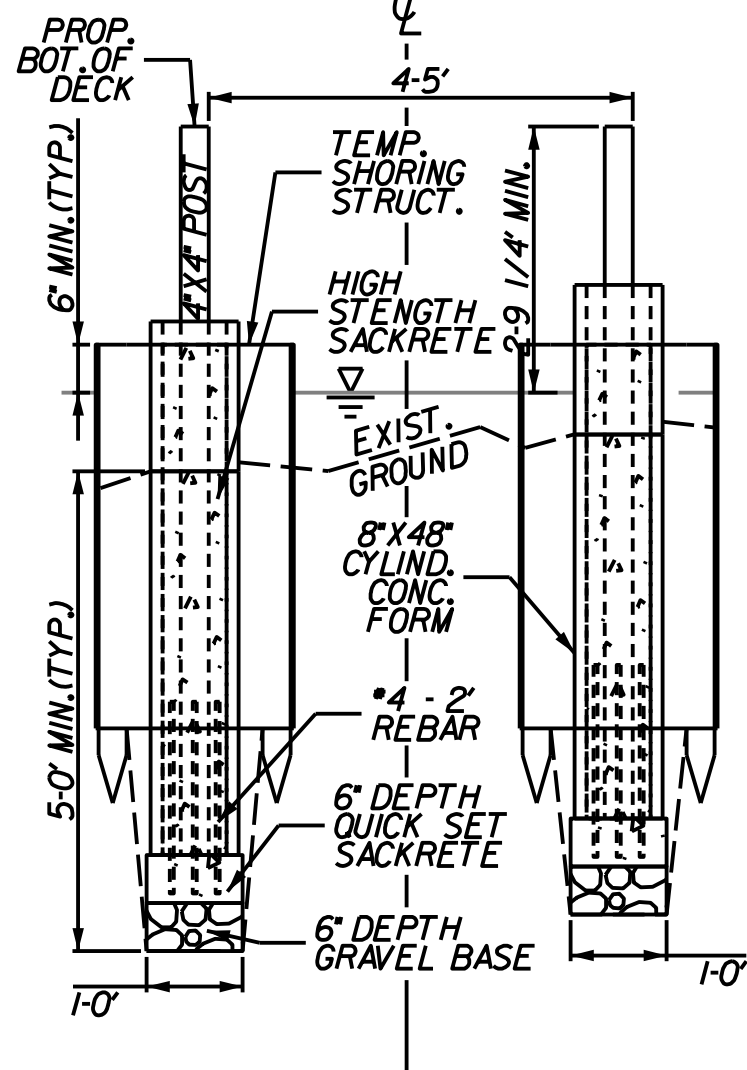
4			
3			
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
SCALE IN FEET			DRAWN BY EAJ
0 1 2 3			DATE 4/8/2024

ENGINEERS WITHOUT BORDERS UNIVERSITY OF SOUTH CAROLINA EWB-USC COLUMBIA, S.C.	
SESQUICENTENNIAL PEDESTRIAN BRIDGE SESQUICENTENNIAL STATE PARK BRIDGE PLANS DETAILS	
SCALE: 1" = 2'	SHEET NO. BR5

COUNTRY	COMMUNITY	PROJECT NAME	CHAPTER	SHEET NO.
USA - SC	SESQUICENTENNIAL STATE PARK	SESQUI BRIDGE	EWB-USC	BR6

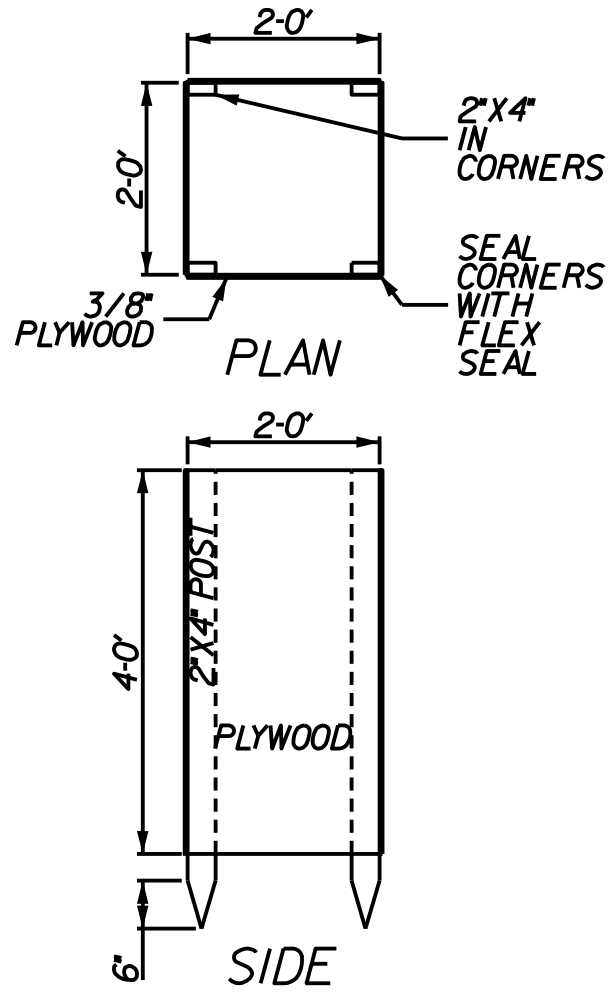
PIER DETAIL

SCALE: 1"=2'



TEMPORARY SHORING STRUCTURE DETAIL

SCALE: 1"=2'



NOTES:

1. CUT ADDITIONAL CYLINDRICAL FORMS AS NECESSARY TO MEET DEPTH AND PROVIDE 6" OF CLEARANCE ABOVE WATER'S SURFACE.
2. PLACE CONCRETE FORM AS ESCAVATION IS COMPLETED. ONCE CONCRETE FORM PLACED, BACKFILL OUTSIDE BEFORE POURING CONCRETE MIX

NOTES:

1. SECURE PLYWOOD TO POSTS USING DECK SCREWS OR NAILS SEAL ANY FASTENING CONNECTIONS.

TEMPORARY SHORING STRUCTURE SEE DETAIL

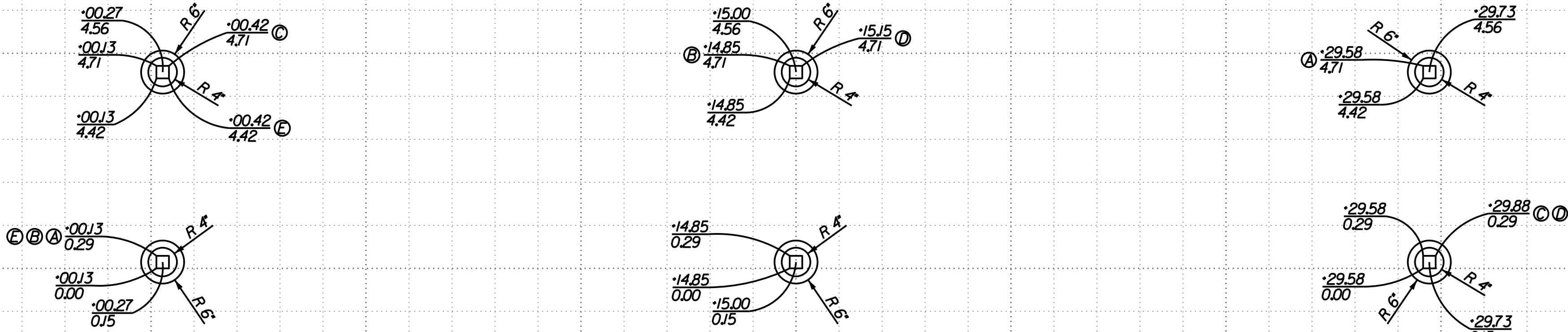
EMBED 12"X48" CYLINDRICAL CONCRETE FORM TUBE AS TEMPORARY SHORING AND EMBED 5 GALLON BUCKETS AS CONCRETE FORM AS NECESSARY DURING POST HOLE EXCAVATION. SEE PIER DETAIL.

EMBED 8"X48" CYLINDRICAL CONCRETE FORM TUBE AS NECESSARY DURING POST HOLE EXCAVATION. SEE PIER DETAIL.

NOTES:

1. ALL LUMBER SHALL BE #2 GRADE PRESSURE TREATED (GROUND CONTACT) SOUTHERN YELLOW PINE UNLESS SPECIFIED OTHERWISE
2. TOPOGRAPHY FEATURES SHOWN ARE APPROXIMATE. NO SURVEY WAS CONDUCTED AS PART OF PROJECT.
3. ALL CONNECTION HARDWARE TO BE COMPOSED OF HOT-DIP GALVANIZED OR STAINLESS STEEL
4. WOOD PRESERVATIVE TO BE APPLIED TO THE SURFACE OF ALL BRIDGE AND STEP COMPONENTS EXCEPT SURFACE DECKING.
5. WOOD PRESERVATIVE SHALL BE APPLIED TO NEW BOARD CUT FACES.
6. DRIVE 12" GALVANIZED NAILS ON FOUR FACES OF LOWER PILE WHERE CONCRETE BALLAST TO BE PLACED AND CURED.
7. DURING CONCRETE CURE SECURE POSTS LEVEL BY FASTENING SPARE 2X4 TO POST ABOVE GROUND AND TO ADJACENT GROUND STAKE OR SPARE POST MATERIAL.
8. CURE 12" FOOTING WITH 4 - #4 2' LENGTH REBAR TO FASTEN POURED PILE TO FOOTING.

VERTICAL SCALE: 1"=2'



LENGTH OF DIAGONALS:  
A - A = 29.788'  
B - B = 15.377'  
C - C = 29.788'  
D - D = 15.377'  
E - E = 4.135'

HORIZONTAL SCALE: 1"=2'

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			
SCALE IN FEET	DRAWN BY	EAJ	
0 2 4 6	DATE	4/8/2024	

ENGINEERS WITHOUT BORDERS UNIVERSITY OF SOUTH CAROLINA EWB-USC COLUMBIA, S.C.
SESQUICENTENNIAL PEDESTRIAN BRIDGE SESQUICENTENNIAL STATE PARK BRIDGE PLANS PILING AND FOUNDATION PLAN
SCALE: 1" = 2'
SHEET NO. BR6

COUNTRY	COMMUNITY	PROJECT NAME	CHAPTER	SHEET NO.
USA - SC	SESQUICENTENNIAL STATE PARK	SESQUI BRIDGE	EWB-USC	BR7



2"X10" JOIST HANGER

NOTE:  
1. INSTALL JOIST HANGERS WITH STRUCTURAL NAILS OR SCREWS. 1 1/2" FOR FACE PLATE & 3" FOR DIAGONALS.

CONNECT TO BRIDGE USING 2"X10" HOT-DIPPED GALVANIZED JOIST HANGERS

4 - 4"X4" NOM. POSTS 4' MIN. LENGTH

6 1/2"

6 - 4"X4" NOM. POSTS 7' MIN. LENGTH  
POST AND LEDGERS STRUCTURE (SEE POST AND LEDGER DETAIL)

6 - 2"X12" NOM. 56.5' LEDGERS (SELECT STRUCTURAL SYP)

4-8 1/2' 4-1 1/2'

5 - 2"X10"X10" JOISTS

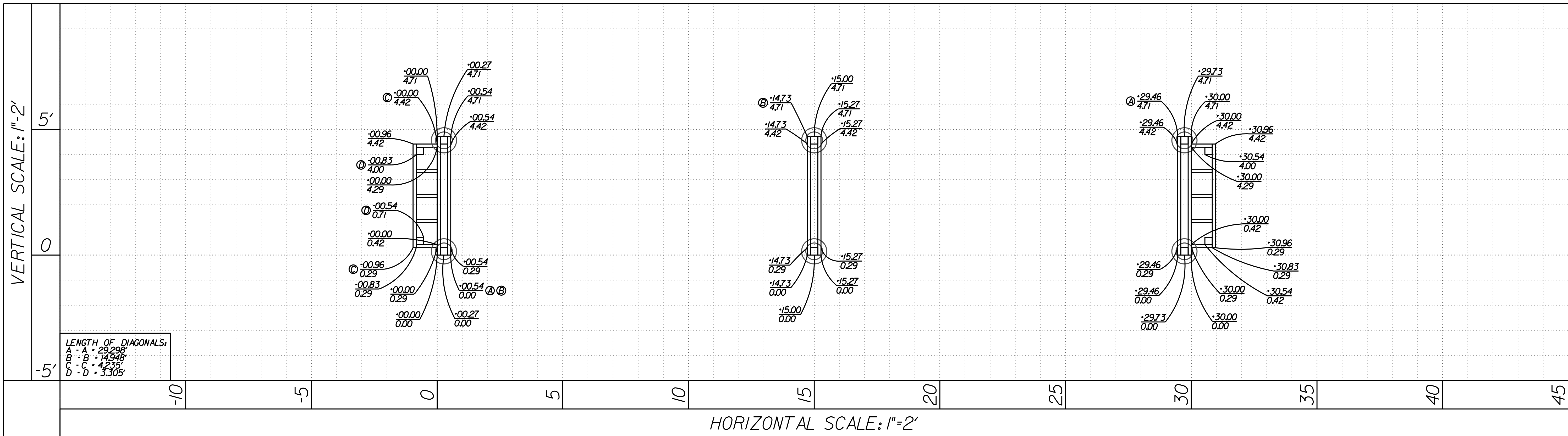
14-8 3/4'

14-8 3/4'

11 1/2' 3-8 1/2'

NOTES:

1. ALL LUMBER SHALL BE #2 GRADE PRESSURE TREATED (GROUND CONTACT) SOUTHERN YELLOW PINE UNLESS SPECIFIED OTHERWISE.
2. TOPOGRAPHY FEATURES SHOWN ARE APPROXIMATE. NO SURVEY WAS CONDUCTED AS PART OF PROJECT.
3. ALL CONNECTION HARDWARE TO BE COMPOSED OF HOT-DIP GALVANIZED OR STAINLESS STEEL.
4. WOOD PRESERVATIVE TO BE APPLIED TO THE SURFACE OF ALL BRIDGE AND STEP COMPONENTS EXCEPT SURFACE DECKING.
5. WOOD PRESERVATIVE SHALL BE APPLIED TO NEW BOARD CUT FACES.



REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

SCALE IN FEET

DRAWN BY: EAJ

DATE: 4/8/2024

ENGINEERS WITHOUT BORDERS  
UNIVERSITY OF SOUTH CAROLINA  
EWB-USC COLUMBIA, S.C.

SESQUICENTENNIAL PEDESTRIAN BRIDGE  
SESQUICENTENNIAL STATE PARK  
BRIDGE PLANS  
LEDGERS AND END STEPS LAYOUT

SCALE: 1" = 2'

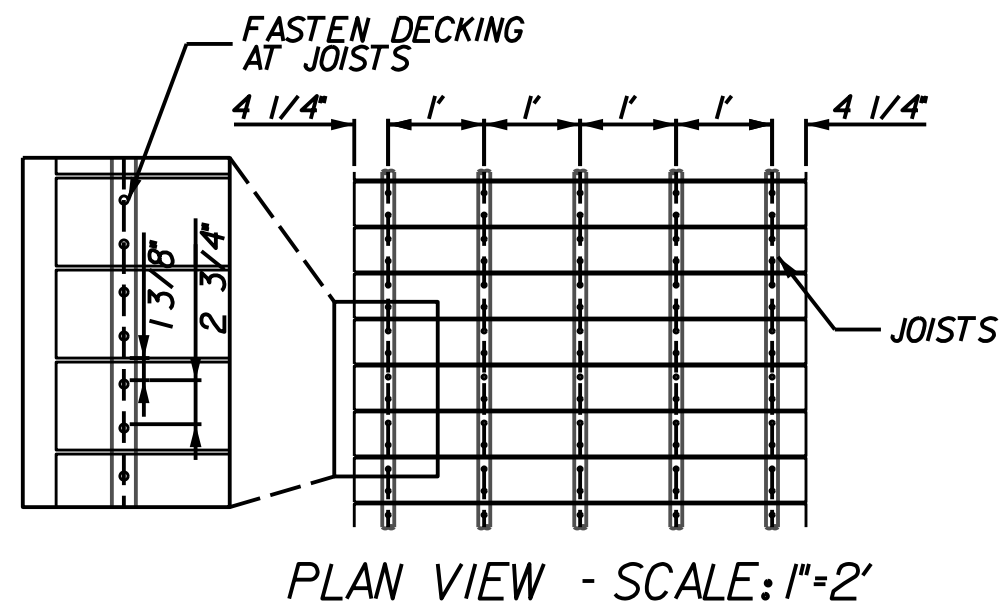
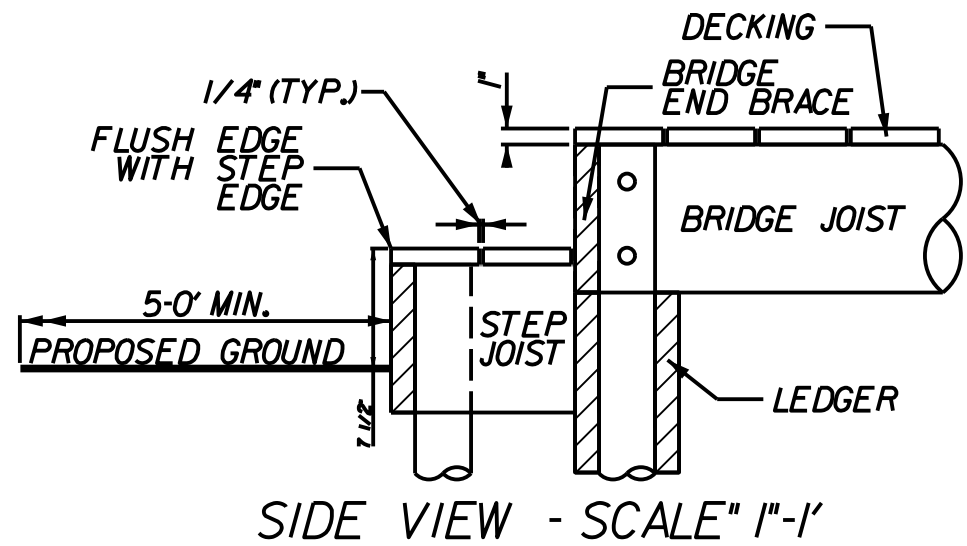
SHEET NO. BR7





COUNTRY	COMMUNITY	PROJECT NAME	CHAPTER	SHEET NO.
USA - SC	SESQUICENTENNIAL STATE PARK	SESQUI BRIDGE	EWB-USC	BR9

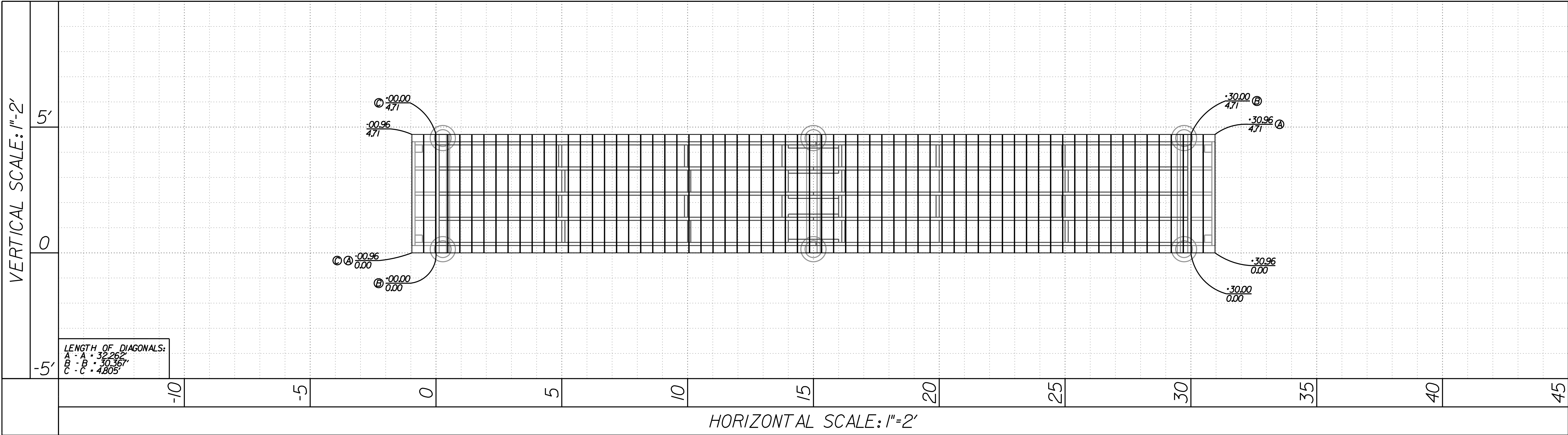
DECKING DETAIL



NOTE:  
PRE CUT DECKING BOARD TO 5' LENGTH.  
ADDITIONAL TRIM TO BE COMPLETED DURING  
CONSTRUCTION FOLLOWING FASTENING.

68 - 125'X6'X56.5' DECKING  
BOARDS (#2 SYP NON GROUND  
CONTACT PRESSURE TREATED)

- NOTES:
1. ALL LUMBER SHALL BE #2 GRADE PRESSURE TREATED (GROUND CONTACT) SOUTHERN YELLOW PINE UNLESS SPECIFIED OTHERWISE.
  2. TOPOGRAPHY FEATURES SHOWN ARE APPROXIMATE. NO SURVEY WAS CONDUCTED AS PART OF PROJECT.
  3. ALL CONNECTION HARDWARE TO BE COMPOSED OF HOT-DIP GALVANIZED OR STAINLESS STEEL.
  4. WOOD PRESERVATIVE TO BE APPLIED TO THE SURFACE OF ALL BRIDGE AND STEP COMPONENTS EXCEPT SURFACE DECKING.
  5. WOOD PRESERVATIVE SHALL BE APPLIED TO NEW BOARD CUT FACES.
  6. DECKING BOARDS SHALL BE SPACED AT 1/4\".
  7. DECKING BOARDS SHALL BE FASTENED TO JOISTS USING #10 X 2 INCH DECK SCREWS.
  8. DECK SCREW INDENTATIONS TO BE FILLED WITH WOOD FILLER FOLLOWING FASTENING.
  9. DECKING EDGE SHALL BE FLUSH WITH BRIDGE AND STEP EDGES.



4			
3			
2			
1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
SCALE IN FEET			DRAWN BY EAJ
0 2 4 6			DATE 4/8/2024

ENGINEERS WITHOUT BORDERS  
UNIVERSITY OF SOUTH CAROLINA  
EWB-USC COLUMBIA, S.C.

SESQUICENTENNIAL PEDESTRIAN BRIDGE  
SESQUICENTENNIAL STATE PARK  
BRIDGE PLANS  
DECKING PLAN

SCALE: 1" = 2' SHEET NO. BR9