



STRUCTURAL NOTES

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:  
ANGLES:           ASTM A36 OR ASTM A572 GR. 50  
HSS:               ASTMA500 GR. C  
PLATE:             ASTM A36  
BARS:  ASTM A514 OR A852

2. FABRICATION AND ERECTION SHALL COMPLY WITH THE LATEST  AISC ALLOWABLE STRESS DESIGN (ASD) OR LOAD RESISTANCE FACTOR (LRFD) SPECIFICATIONS.

3. FABRICATOR SHALL CLEARLY IDENTIFY THE BASIS OF ANALYSIS IN ALL SUBMITTALS PROVIDED TO ENGINEER.

4. ALL STRUCTURAL TUBING (HSS) SHALL BE SUBMERGED-ARC-WELDED (SAW) UNLESS NOTED OTHERWISE. IF ELECTRIC-RESISTANCE-WELDED (ERW) HSS MEMBERS ARE TO BE PROVIDED, THE WALL THICKNESS AS SPECIFIED WITHIN THE PROJECT DRAWINGS SHALL BE INCREASED BY A FACTOR OF 1.08.

5. WELDING SHALL BE BY THE ELECTRIC SHIELDED ARC PROCESS,  PERFORMED BY AN AWS CERTIFIED WELDER. ALL ELECTRODES SHALL BE E70XX, UNLESS NOTED OTHERWISE.

6. MINIMUM PLATE MATERIAL SHALL BE 1/4" THICKNESS, UNLESS NOTED OTHERWISE.

7. MINIMUM WELDS SHALL BE IN ACCORDANCE WITH AISC TABLE  J2.4, UNLESS NOTED OTHERWISE.

THICKNESS OF THINNER MATERIAL	MINIMUM SIZE OF FILLET WELD* (In.)
TO 1/2" INCLUSIVE	5/8"
OVER 1/4" TO 1/2"	3/16"
OVER 1/2" TO 3/4"	1/4"
OVER 3/4"	5/16"

8. CONNECTION BOLTS SHALL BE A325 UNLESS NOTED OTHERWISE.

9. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL CONNECTION BOLTS AND WASHERS FOR THE CONNECTING OF ALL  STRUCTURAL STEEL.

10. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ADEQUATE BRACING, SHORING, ETC. TO ENSURE THE STRUCTURE IS STABLE DURING CONTRACTOR'S METHOD OF ERECTION.

11. ALL REQ'D SHORING AND/OR BRACING SHALL REMAIN IN PLACE UNTIL FINAL CONNECTIONS ARE COMPLETED BY CONTRACTOR.

PAINTING NOTES

1. EXTERIOR SURFACES OF ALL MODIFIED AND/OR NEW STRUCTURAL STEEL AND/OR STEEL PIPING AND/OR STEEL TANKS SHALL BE BLAST CLEANED IN ACCORDANCE WITH SSPC-SP6, COMMERCIAL BLAST CLEANING

2. PRIOR TO BLASTING ALL OIL, GREASE, OR ANY OTHER CONTAMINANT SHALL BE REMOVED BY SOLVENT CLEANING PER SSPC-SP1

3. ONLY CLEAN AND NEW ABRASIVE SHALL BE USED FOR BLASTING.  ABRASIVE SELECTED SHALL PRODUCE A SHARP PROFILE OF 1.5 TO 2.5 MILS. UNLESS NOTED OTHERWISE

4. COATINGS FOR STRUCTURAL STEEL AND/OR PIPING SHALL BE APPLIED IN ACCORDANCE WITH SSPC-PA AND WITHIN THE TEMPERATURE AND/OR HUMIDITY LIMITATION AND IN ACCORDANCE WITH THE INSTRUCTIONS STATED ON THE MANUFACTURER'S PRINTED PRODUCT DATA SHEET

5. PRIMER COATINGS SHALL BE APPLIED TO ALL EXISTING AND/OR NEW STRUCTURAL STEEL

6. TOP COATINGS SHALL BE APPLIED TO ALL NEW STRUCTURAL STEEL WHICH IS EXPOSED TO WEATHER AND IS NOT COVERED WITH FIREPROOFING CONCRETE

7. PRIMER COATING SHALL BE ICI DEVOE COATINGS CATHA-COAT 302H REINFORCED INORGANIC ZINC, APPLIED TO A MINIMUM DRY FILM THICKNESS OF 3.0 TO 4.0 MILS.

8. TOP COAT SHALL BE ICI DEVOE COATINGS DEVTRAN 224 HS POLYAMIDE EPOXY, APPLIED TO A MINIMUM OF 6.0 TO 8.0 MILS. TOP COAT COLOR SHALL BE AS DETERMINED BY OWNER

9. INDIVIDUAL DRY FILM THICKNESSES SHALL BE TAKEN BY A QUALIFIED INDIVIDUAL, USING CERTIFIED EQUIPMENT EMPLOYED BY OR ON THE BEHALF OF CONTRACTOR FOR ALL  SHOP APPLIED COATINGS


10. UNDERGROUND STRUCTURAL STEEL AND/OR STEEL PIPING:  
A. CARBON STEEL PIPE AND/OR STRUCTURAL STEEL BELOW GRADE SHALL BE BLAST CLEANED IN ACCORDANCE WITH SSPC-SP10, NEAR-WHITE METAL BLAST CLEANING  
B. PRIOR TO BLASTING ALL OIL, GREASE OR ANY OTHER CONTAMINANT SHALL BE REMOVED BY SOLVENT CLEANING PER SSPC-SP1  
C. ONLY CLEAN AND NEW ABRASIVE SHALL BE USED FOR BLASTING  
D. ABRASIVE SELECTED SHALL PRODUCES A SHARP PROFILE OF 1.5 TO 2.0 MILS. MINIMUM  
E. COATINGS SHALL BE APPLIED IN ACCORDANCE WITH SSPC-PA1 AND WITHIN THE TERMPERATURE AND/OR HUMIDITY LIMITATIONS AND IN ACCORDANCE WITH THE INSTRUCTIONS STATED ON THE MANUFACTURER'S PRINTED PRODUCT DATA SHEET  
F. COATINGS SHALL BE TWO COATS OF ICI DEVOE CATINGS DEVTAR 5A HIGH BUILD EPOXY, APPLIED TO A MINIMUM DRY FILM THICKNESS OF 8.0 TO 10.0 MILS PER COAT, FOR A TOTAL DRY FILM THICKNESS OF 16.0 TO 20.0 MILLS  
G. INDIVIDUAL DRY FILM THICKNESSES SHALL BE TAKEN BY A QUALIFIED INDIVIDUAL, USING CERTIFIED EQUIPMENT EMPLOYED BY OR ON BEHALF OF CONTRACTOR OF ALL SHOP APPLIED COATINGS

NOTES:

Reviewed  
for Code  
Compliance

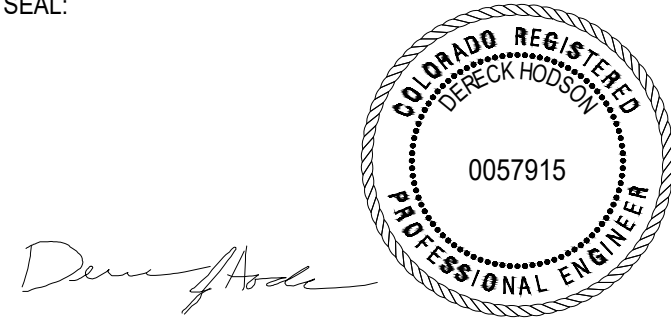
10/14/2024

NO.	REVISED FOR:	DATE (Y-M-D):
1.		
2.		
3.		
4.		
5.		
6.		
7.		



8100 S AKRON ST SUITE 320  
CENTENNIAL, CO 80112  
EXPERT@RIMKUS.COM  
(800) 580-3228 | (720) 488-8710

SEAL:



NO.	ISSUED FOR:	DATE (Y-M-D):
1.	PERMIT	2024-08-13
2.	REVISIONS	2024-09-24
3.		
4.		
5.		
6.		
7.		

PROJECT:  
STRUCTURAL REPAIR DRAWINGS  
GONDOLA SQUARE CONDO BRIDGE  
2305 MOUNT WERNER CIRCLE  
STEAMBOAT SPRINGS, CO 80487

CLIENT:  
BERKLEY ENVIRONMENTAL INSURANCE  
101 HUDSON ST SUITE 2550  
JERSEY CITY, NJ 07302

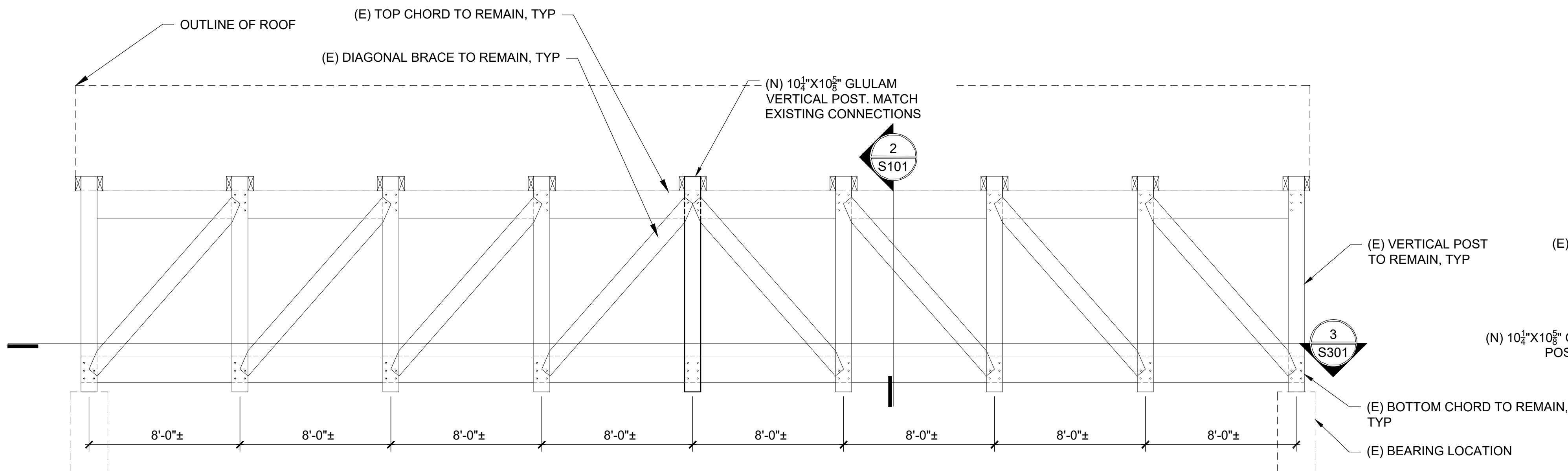
SHEET TITLE:  
STRUCTURAL NOTES

FOR CLIENT'S SOLE USE PER GOVERNING CONTRACT  
AND LIMITED TO APPLICABLE PROJECT. NO  
MODIFICATIONS OR REPRODUCTIONS WITHOUT  
WRITTEN APPROVAL OF RIMKUS. CONTRACTOR SOLELY  
RESPONSIBLE FOR VERIFYING ALL DIMENSIONS.

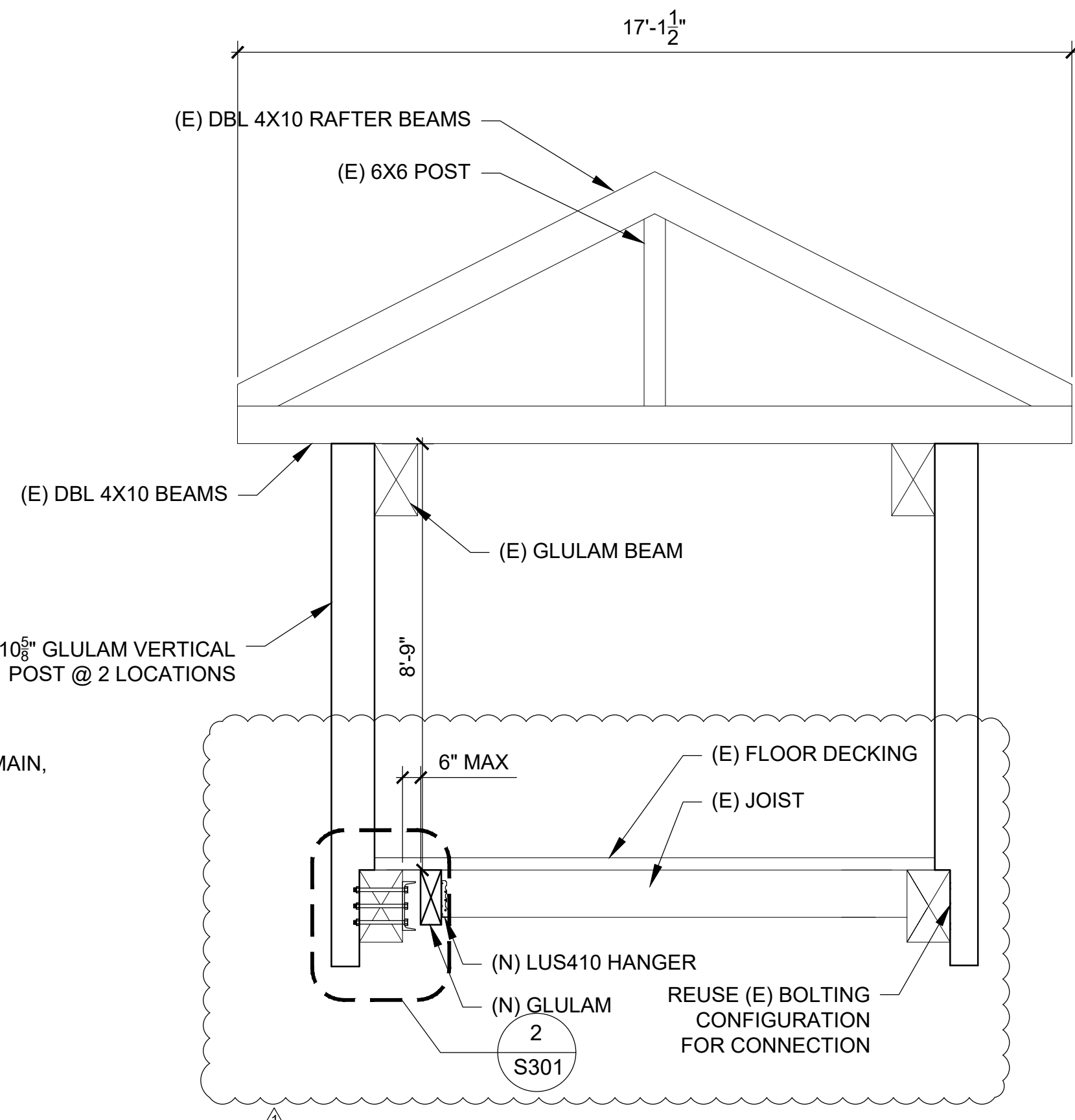
PROJECT NO:	100267813
DATE (Y-M-D):	2024-08-13
SCALE:	AS NOTED
DESIGNED BY:	RIMKUS
DRAWN BY:	DJH
CHECKED BY:	RJD

DRAWING NO:  
S001

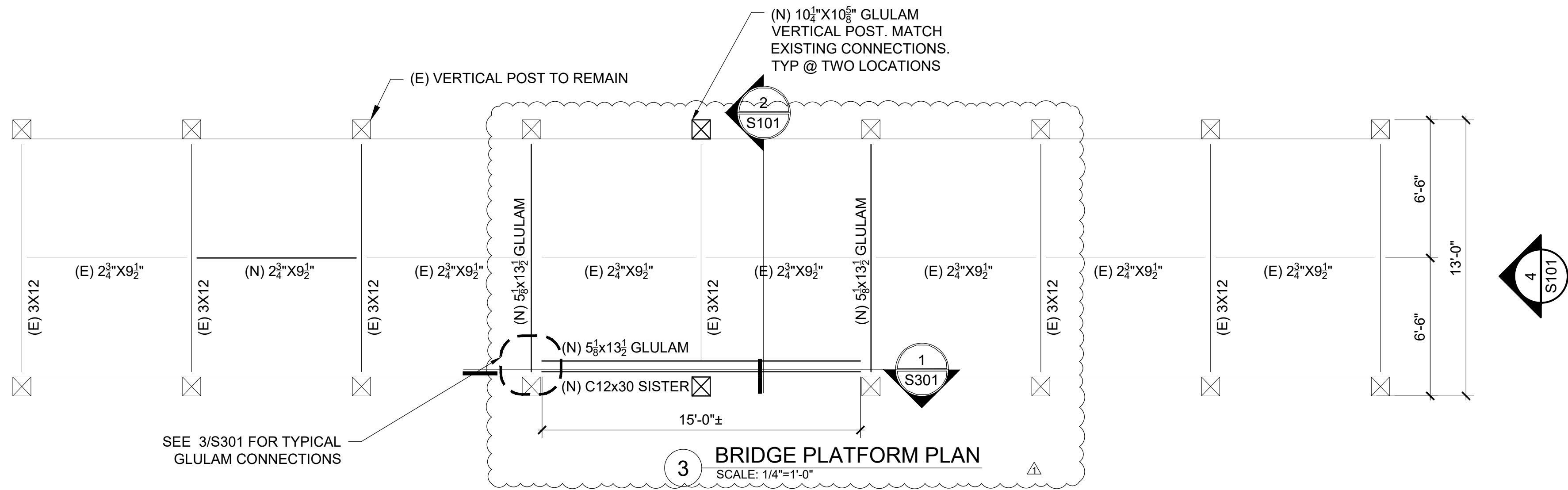
SHEET NO:  
OF



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



2 BRIDGE SECTION  
SCALE: 3/8"=1'-0"



3 BRIDGE PLATFORM PLAN  
SCALE: 1/4"=1'-0"



4 ELEVATION  
NTS

- NOTES
1. FIELD VERIFY LOCATION OF PANELS POINTS AND BOLT SIZE AND SPACING PRIOR TO FABRICATION
  2. PROVIDE SHORING DURING THE REPAIR

NOTES:

**Reviewed  
for Code  
Compliance**

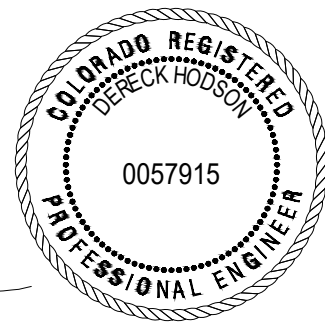
**10/14/2024**

NO.	REVISED FOR:	DATE (Y-M-D):
1.		
2.		
3.		
4.		
5.		
6.		
7.		



8100 S AKRON ST SUITE 320  
CENTENNIAL, CO 80112  
EXPERT@RIMKUS.COM  
(800) 580-3228 | (720) 488-8710

SEAL:



NO.	ISSUED FOR:	DATE (Y-M-D):
1.	PERMIT	2024-08-13
2.	REVISIONS	2024-09-24
3.		
4.		
5.		
6.		
7.		

PROJECT:  
STRUCTURAL REPAIR DRAWINGS  
GONDOLA SQUARE CONDO BRIDGE  
2305 MOUNT WERNER CIRCLE  
STEAMBOAT SPRINGS, CO 80487

CLIENT:  
BERKLEY ENVIRONMENTAL INSURANCE  
101 HUDSON ST SUITE 2550  
JERSEY CITY, NJ 07302

SHEET TITLE:  
SUNROOM ROOF FRAMING PLAN

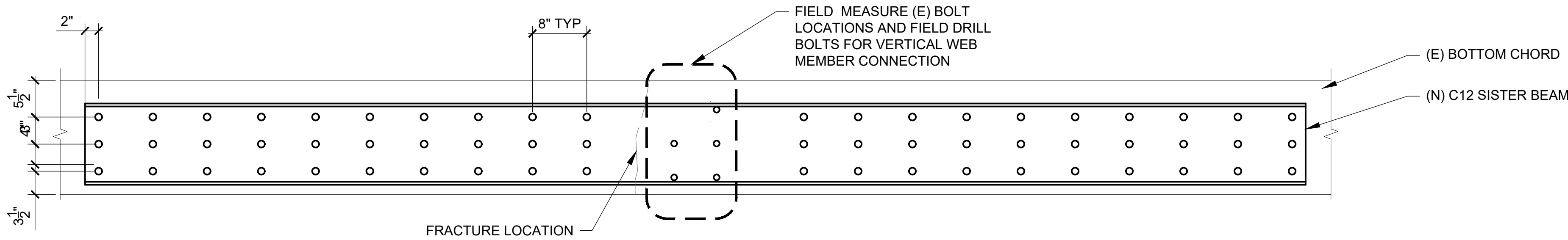
FOR CLIENT'S SOLE USE PER GOVERNING CONTRACT  
AND LIMITED TO APPLICABLE PROJECT. NO  
MODIFICATIONS OR REPRODUCTIONS WITHOUT  
WRITTEN APPROVAL OF RIMKUS. CONTRACTOR SOLELY  
RESPONSIBLE FOR VERIFYING ALL DIMENSIONS.

PROJECT NO:	100267813
DATE (Y-M-D):	2024-08-13
SCALE:	AS NOTED
DESIGNED BY:	RIMKUS
DRAWN BY:	DJH
CHECKED BY:	RJD

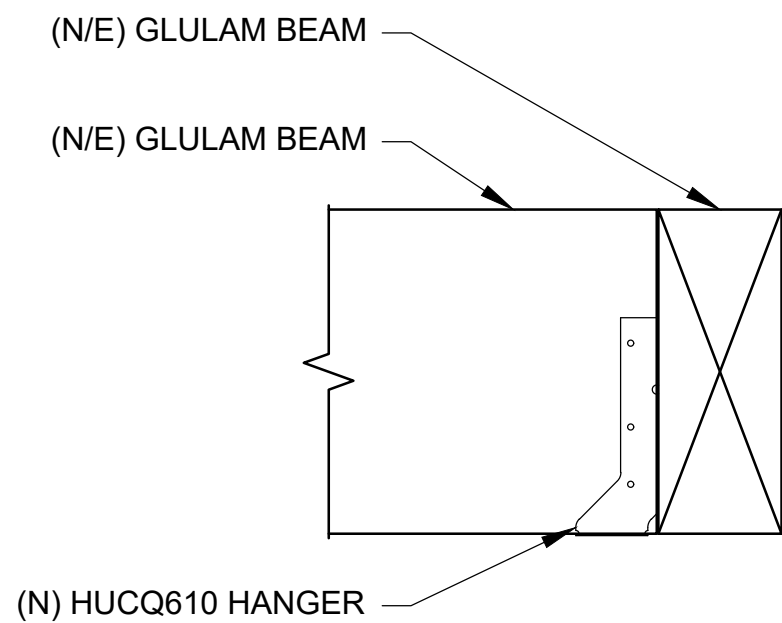
DRAWING NO:  
**S101**

SHEET NO: OF

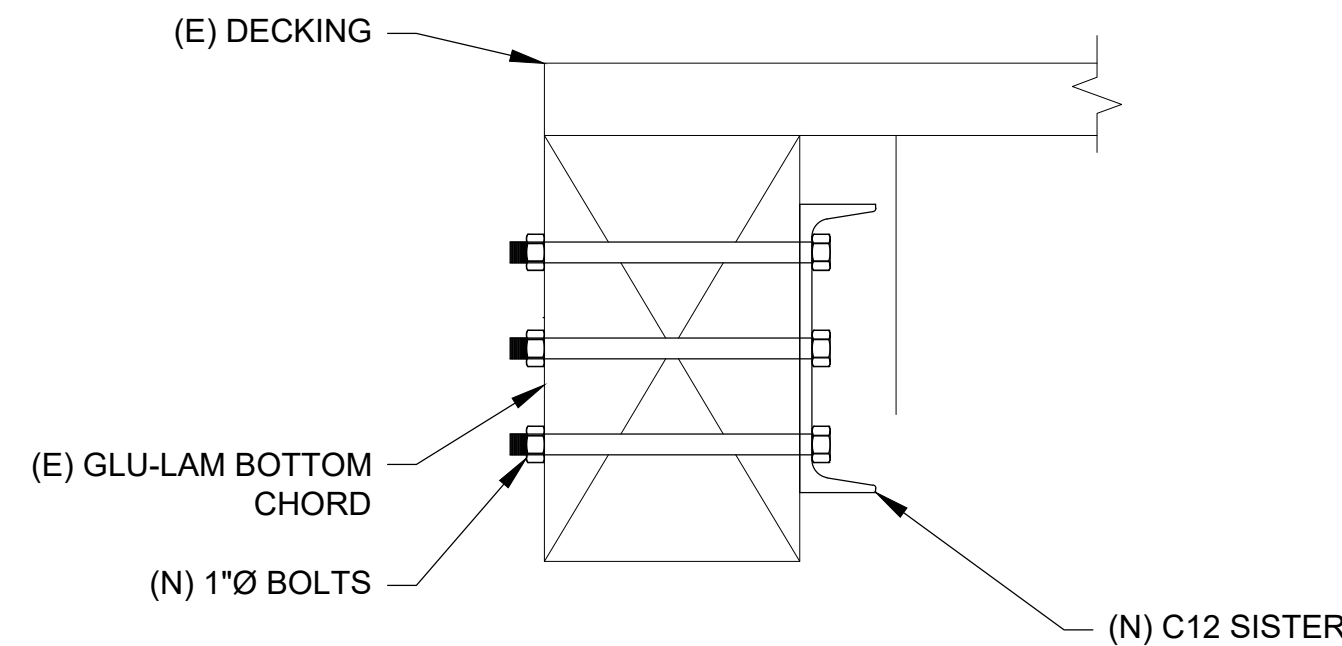
- NOTES
1. FIELD VERIFY LOCATION OF PANELS POINTS AND BOLT SIZE AND SPACING PRIOR TO FABRICATION
  2. PRIOR TO FABRICATION, VERIFY LOCATION OF BROKEN TRUSS, PANEL OINT BOLTS.
  3. PROVIDE 30 BOLTS ON EACH SIDE OF SPLICE



1 C12 SISTER DETAIL  
SCALE: 1-1/2"=1'-0"



3 GLULAM CONNECTION  
SCALE: 1-1/2"=1'-0"



2 SISTER DETAIL  
SCALE: 1-1/2"=1'-0"

NOTES:

**Reviewed  
for Code  
Compliance**

**10/14/2024**

NO.	REVISED FOR:	DATE (Y-M-D):
1.		
2.		
3.		
4.		
5.		
6.		
7.		



8100 S AKRON ST SUITE 320  
CENTENNIAL, CO 80112  
EXPERT@RIMKUS.COM  
(800) 580-3228 | (720) 488-8710

SEAL:



NO.	ISSUED FOR:	DATE (Y-M-D):
1.	PERMIT	2024-08-13
2.	REVISIONS	2024-09-24
3.		
4.		
5.		
6.		
7.		

PROJECT:  
STRUCTURAL REPAIR DRAWINGS  
GONDOLA SQUARE CONDO BRIDGE  
2305 MOUNT WERNER CIRCLE  
STEAMBOAT SPRINGS, CO 80487

CLIENT:  
BERKLEY ENVIRONMENTAL INSURANCE  
101 HUDSON ST SUITE 2550  
JERSEY CITY, NJ 07302

SHEET TITLE:  
DETAILS

FOR CLIENT'S SOLE USE PER GOVERNING CONTRACT  
AND LIMITED TO APPLICABLE PROJECT. NO  
MODIFICATIONS OR REPRODUCTIONS WITHOUT  
WRITTEN APPROVAL OF RIMKUS. CONTRACTOR SOLELY  
RESPONSIBLE FOR VERIFYING ALL DIMENSIONS.

PROJECT NO:	100267813
DATE (Y-M-D):	2024-08-13
SCALE:	AS NOTED
DESIGNED BY:	RIMKUS
DRAWN BY:	DJH
CHECKED BY:	RJD

DRAWING NO:  
**S301**

SHEET NO: OF