



**ADDENDUM #1
Parks and Open Space
Heil Valley Ranch Trail Bridges Engineering/Design Services
RFP# 7300-22**

January 25, 2022

The attached addendum supersedes the original Information and Specifications regarding RFP# 7300-22 where it adds to, deletes from, clarifies or otherwise modifies. All other conditions and any previous addendums shall remain unchanged.

Please note: Due to COVID-19, BIDS will only be accepted electronically by emailing purchasing@bouldercounty.org.

1. Question: What is the project budget, or the cost estimate for this project?

ANSWER: The original cost estimate was for replacing the bridges in-kind. That cost is \$297,000. The only engineering included in that cost would have been from the bridge manufacturer.

2. Question: Beyond what's provided in the "Submittal Checklist" and "Evaluation Criteria," does Boulder County have any additional directions regarding submittal requirements and how to organize the submittal?

ANSWER: No.

3. Question: Will submittals be page limited?

ANSWER: No.

4. Question: Will the use of 11x17 pages be permitted?

ANSWER: Yes.

5. Question: Does Boulder County wish to see a cover letter included in the submittal and, if so, will it count toward a page limit?

ANSWER: The proposer should decide if they want to include a cover page with their proposal. There is no page limit.

6. Question: It is our understanding that bidders are required to determine the extents of any additional topographic survey necessary for adequate hydraulic analysis and detailed bridge design. The current limits and quality level of the available survey is not clearly defined in the RFP. In order to provide an accurate cost for survey work in our response to the RFP, it will be necessary to receive additional details on the existing and available survey. For example - we would anticipate needing at least of the majority of the upstream basin mapped in order to provide a complete hydraulic analysis. Can Boulder County provide a more detailed summary of the existing survey extents and quality level (ie. 1 or 5 foot contours?) It would be helpful to know what datum (horizontal and vertical) was used to collect the prior survey(s).

ANSWER: There was a miscommunication regarding data, there is no post-fire hydraulic data. The only data is downstream of the bridge locations.

7. Question: Can you please provide the complete list of pre-bid meeting attendees?

ANSWER: Yes, see attached at the end of this document.

8. Question: Will there be a need for environmental services as a part of this project?

ANSWER: No.

9. Question: Should the bridges be replaced in-kind with timber or are other materials preferred?

ANSWER: Staff would like to replace the bridges with fiber reinforced polymer (FRP) product, like other bridges on the BCPOS properties.

10. Question: Will the construction be completed by Boulder County or will it be bid out to a contractor?

ANSWER: It is anticipated the construction will be by contractor.

11. Question: Is there a post-fire hydrologic model that is the basis of the post-fire hydrologic data mentioned in the RFP that Boulder County can share now with the selected design team to aid in our scoping and fee development?

ANSWER: There is no post-fire hydraulic data for this area.

12. Question: Is there a separate hydraulic model available for the recent (ideally post-fire) conditions of the area that the County can share now with the selected design team to aid in our scoping and fee development?

ANSWER: There is no post-fire hydraulic data for this area.

13. Question: On page 11 of RFP 7300-22 under BCPOS Responsibilities bullet C and D, imply that BCPOS have copies of the following documents:
Post-fire hydraulic study, analysis and report,
Bridge location survey data,
Aerial photography,
Site drawings, and
Site maps.

We would like to request the ability to review the above-mentioned information prior to award to verify their completeness. If it is deemed that more information will be needed, the coordination of additional sub-contractors will need to be arranged which will impact the schedule and cost of the project.

ANSWER: There is no post-fire hydraulic data for this area. There is limited cross-section data in the bridge areas (see attachment Sheet 1 for cross-section locations at the end of this document).

14. Question: It appears that Attachment B, which provides the existing bridge drawings for the old bridges, were incomplete. Would be able to provide for us sheets 2, 4, and 7 of the set?

ANSWER: Yes, see attachment Sheets 2, 4 & 7 at the end of this document. Due to the age and external references in CAD drawing, Sheet 2 is not a complete document.

15. Question: On page 1 of RFP 7300-22 under the Background, the loading criteria for the bridges is set forth. We would like to request additional information on what is "light utility vehicles." What is the anticipated weight and size of the "light utility vehicle?"

ANSWER: The loading for the north bridge shall be 6,000 pounds. The loading for south bridge shall be 2000 pounds.

16. Question: During the mandatory pre-bid meeting, it was mentioned that BCPOS would be open to a bridge kit. What were you envisioning a bridge kit would entail? Are there any limitations for construction equipment size/weight and access? Can construction equipment such as but not limited to cranes, small excavators, concrete mixers, access both sides of the bridge or only one side? Limitations in construction equipment can impact the design of the bridge.

ANSWER: BCPOS has previously constructed FRP bridges. These bridges were manufactured by ET Techtonics (<https://www.creativecompositesgroup.com/about/et-techtonics>) and Arete Structures (<https://aretestructures.com>). These bridges were premanufactured at these firm's facilities then shipped to BCPOS has individual components with construction plans and instructions. BCPOS staff assembled the components following the manufacturer's plans and instructions without the use of heavy equipment.

17. Question: If during the design process, it is determined that new abutments are required, would it be acceptable to leave the old abutments in place and construction new ones behind the existing ones if space allows? This would result in bridges being longer than originally mentioned in the RFI 7300-22.

ANSWER: No.

18. Question: Are there any know environmental limitation/considerations that should be considered during the design? Especially concerning additional coordination with the EPA, DNR and CDPHE might be required.

ANSWER: No.

19. Question: The 45-calendar day schedule for construction documents is very optimistic. We would like clarification regarding the following:
What consideration have labor issues related to COVID-19 been given?

ANSWER: The reason for the schedule is Boulder County is committed to having the trails open to the public in Spring 2022. Proposers may provide a different schedule in their proposals, if they wish.

How long will external reviews be allowed to take? Such as, but not limited to, your 60% construction set review, Boulder County Planning Commission review, County Engineer review, community access to plans, public hearings, maybe EPA reviews, etc.

ANSWER: Agency review times external to BCPOS are unknown. BCPOS will review and provide comments within 4 working days of receiving plans.

Are the external review times included in the 45-calendar day schedule?

ANSWER: No.

20. Question: On page 11 of RFP 7300-22 under Engineer's Responsibilities bullet G.4, the BCPOS would like to have both electronic copies of the AutoCAD files and Adobe files of the contract documents. The AutoCAD files shall be interactive files.

Would the BCPOS be willing to sign our electronic file waiver?

ANSWER: Yes, the County can sign this document, but only if the document is modified to remove the indemnification obligations.

We would not leave the any endorsements on a live AutoCAD file. The Adobe files and the paper plans will be sealed. Is that acceptable?

ANSWER: Yes.

21. Question: We would like to request a copy of the required pre-bid meeting for RFP 7300-22 attendance form.

ANSWER: See attached at the end of this document.

22. Question: On page 9 of RFP 7300-22 under Engineer's Responsibilities, the word "Contractor" is used in multiple locations. Is this referring to the engineer? We did not see anything indicated this is a design-build project.

ANSWER: Contractor and engineer are considered the same party. This is not a design-build project.

CLARIFICATION:

All spatial or georeferenced data will be provided to the county in the following coordinate system:

1. Name: NAD 1983 HARN State Plane Colorado North FIPS 0501 Feet
2. Unit: Foot US
3. Projection: Lambert Conformal Conic
4. Horizontal Datum: North American Datum 1983 HARN
5. Vertical Datum: North American Vertical Datum 1988
6. Spheroid: GRS 1980

ADDITIONAL ATTACHMENTS:

1. Sheet 1
2. Sheet 2
3. Sheet 4
4. Sheet 7
5. County Pre-bid Meeting Attendee Sign-in Sheet

Submittal Instructions:

Submittals are due at the email box only, listed below, for time and date recording on or before **2:00 p.m. Mountain Time on February 1, 2022.**

Please note that email responses to this solicitation are limited to a maximum of 50MB capacity.

NO ZIP FILES OR LINKS TO EXTERNAL SITES WILL BE ACCEPTED. THIS INCLUDES GOOGLE DOCS AND SIMILAR SITES. ALL SUBMITTALS MUST BE RECEIVED AS AN ATTACHMENT (E.G. PDF, WORD, EXCEL).

Electronic submittals must be received in the email box listed below. Submittals sent to any other box will NOT be forwarded or accepted. This email box is only accessed on the due date of your questions or proposals. Please use the Delivery Receipt option to verify receipt of your email. It is the sole responsibility of the proposer to ensure their documents are received before the deadline specified above. Boulder County does not accept responsibility under any circumstance for delayed or failed email or mailed submittals.

Email purchasing@bouldercounty.org; identified as **RFP# 7300-22** in the subject line.

All proposals must be received and time and date recorded at the purchasing email by the above due date and time. Sole responsibility rests with the Offeror to see that their bid is received on time at the stated location(s). Any bid received after due date and time will be returned to the bidder. No exceptions will be made.

The Board of County Commissioners reserve the right to reject any and all bids, to waive any informalities or irregularities therein, and to accept the bid that, in the opinion of the Board, is in the best interest of the Board and of the County of Boulder, State of Colorado.



**RECEIPT OF LETTER
ACKNOWLEDGMENT**

January 25, 2022

Dear Vendor:

This is an acknowledgment of receipt of Addendum #1 for RFP# 7300-22, Heil Valley Ranch Trail Bridges Engineering/Design Services.

In an effort to keep you informed, we would appreciate your acknowledgment of receipt of the preceding addendum. Please sign this acknowledgment and email it back to purchasing@bouldercounty.org as soon as possible. If you have any questions, or problems with transmittal, please call us at 303-441-3525. This is also an acknowledgement that the vendor understands that **due to COVID-19, BIDS will only be accepted electronically by emailing purchasing@bouldercounty.org.**

Thank you for your cooperation in this matter. This information is time and date sensitive; an immediate response is requested.

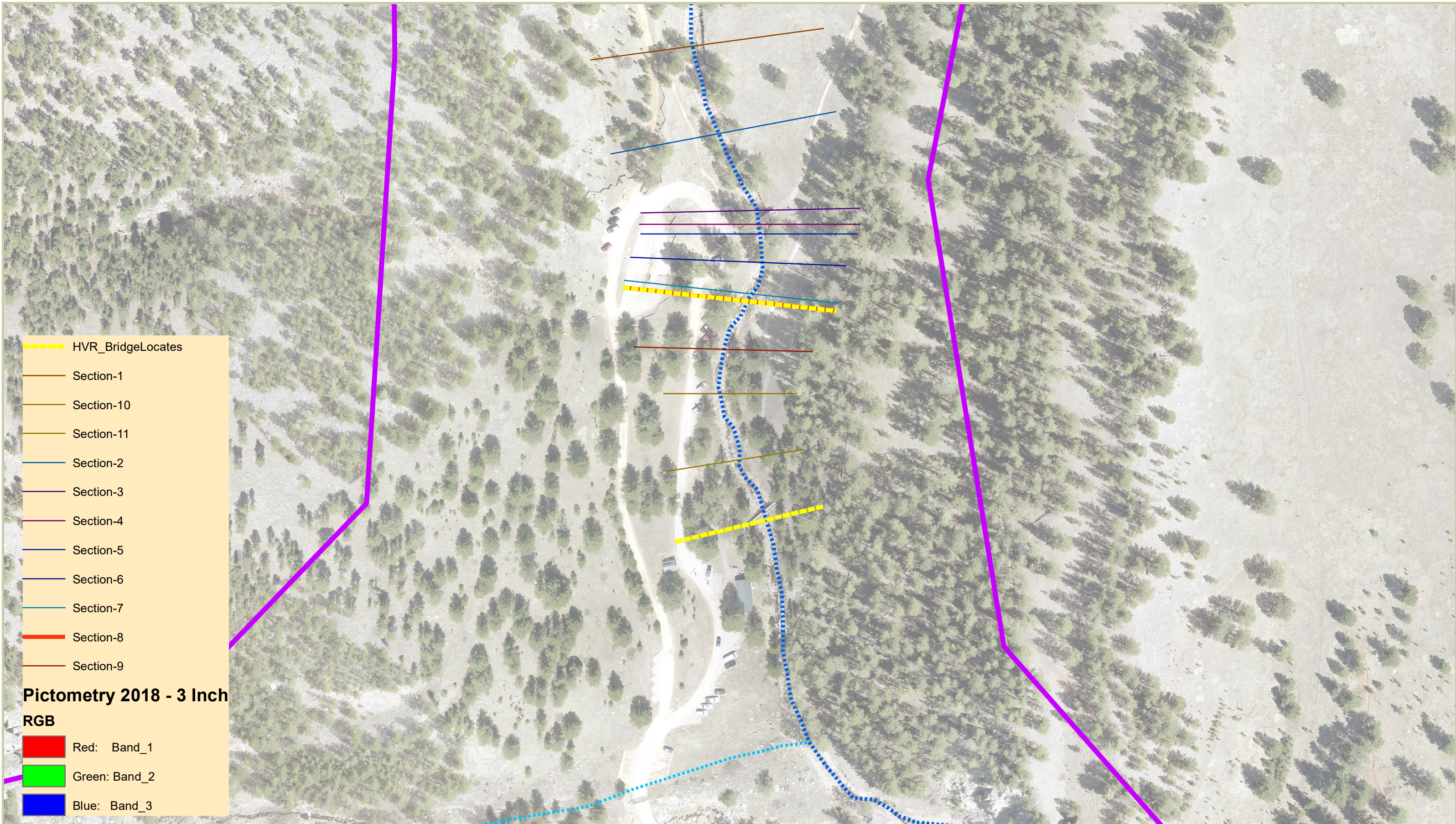
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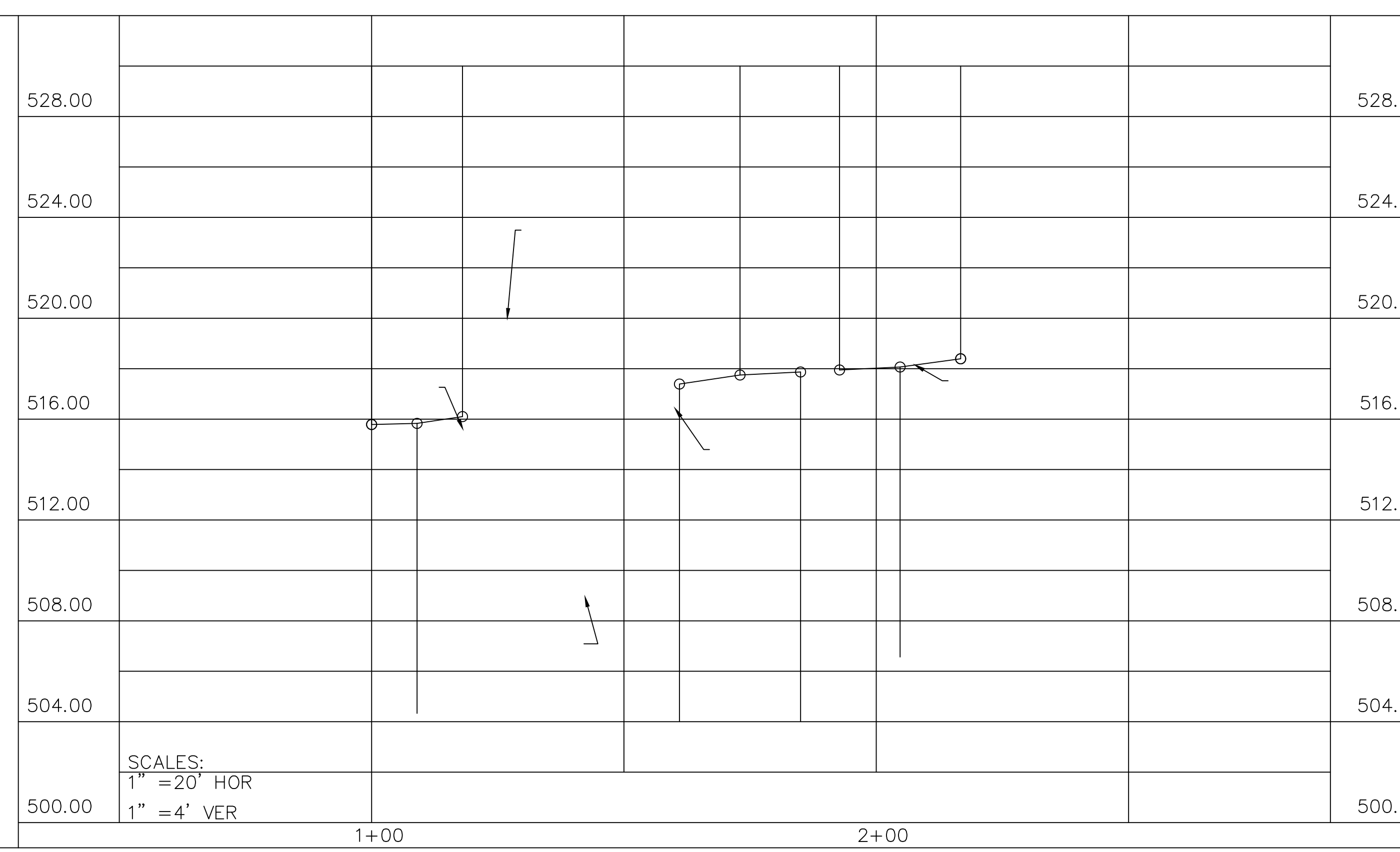
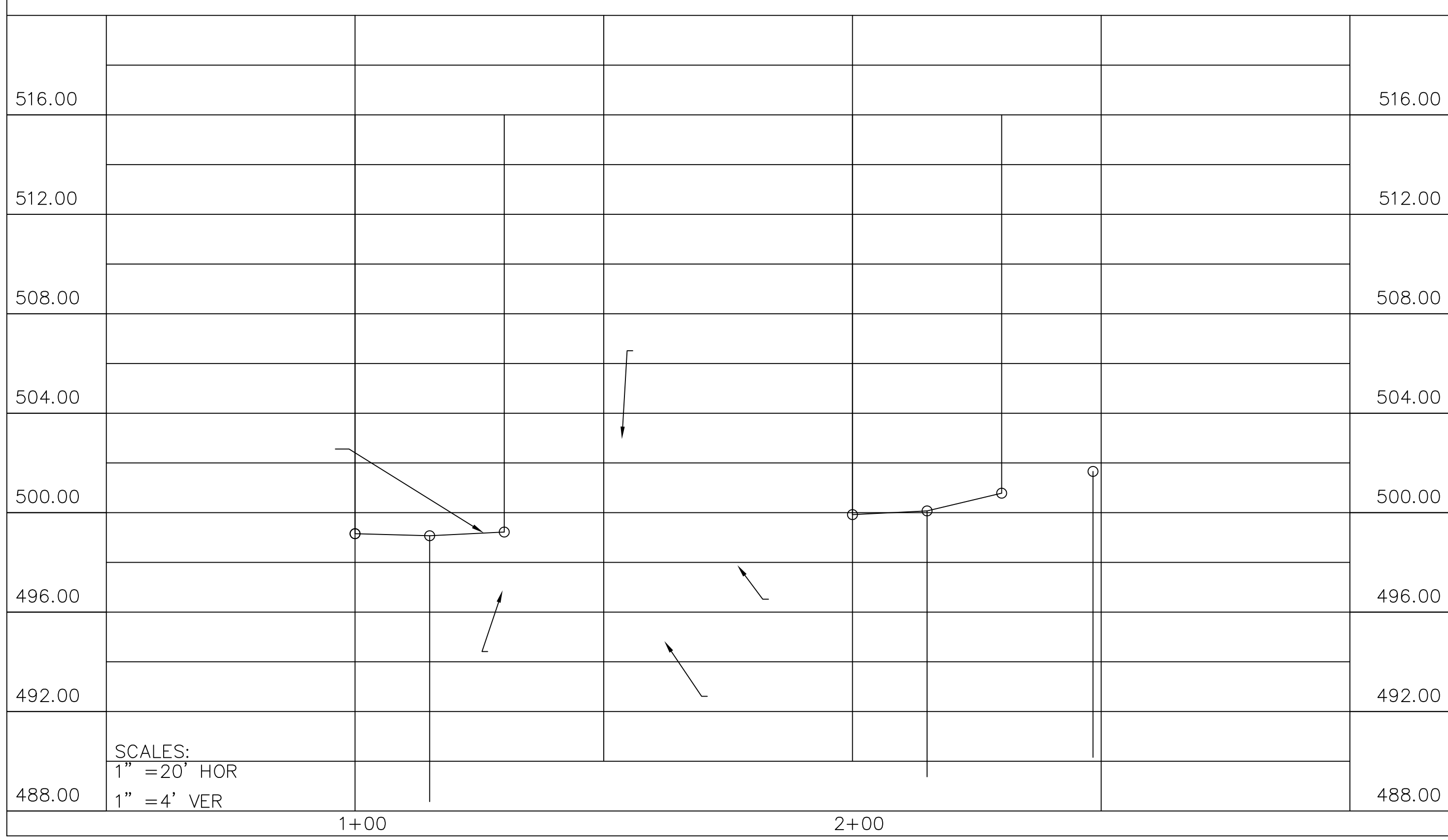
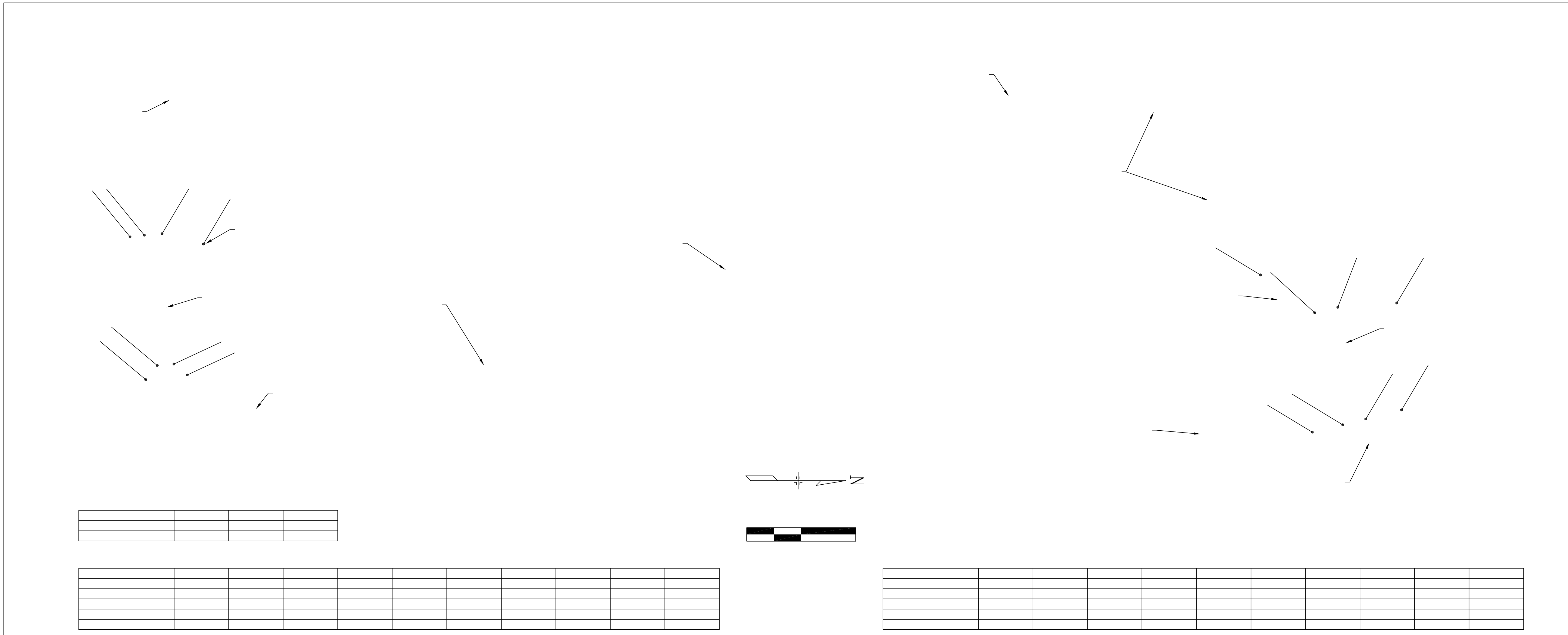
Boulder County Purchasing

Signed by: _____ **Date:** _____

Name of Company _____

Bridge Locations HVR Main Trailhead



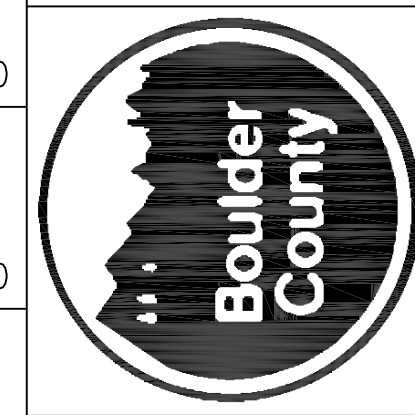


PROJECT NO.		REVISIONS	
DRAWN BY		NO.	DATE BY
DESIGNED BY			
CHECKED BY			
APPROVED BY			

ENGINEERING
CONSULTANTS
BOULDER, COLORADO

LORIS AND ASSOCIATES, INC.

PARKS AND OPEN SPACE DEPARTMENT
HEIL VALLEY RANCH
 BOULDER COUNTY, COLORADO

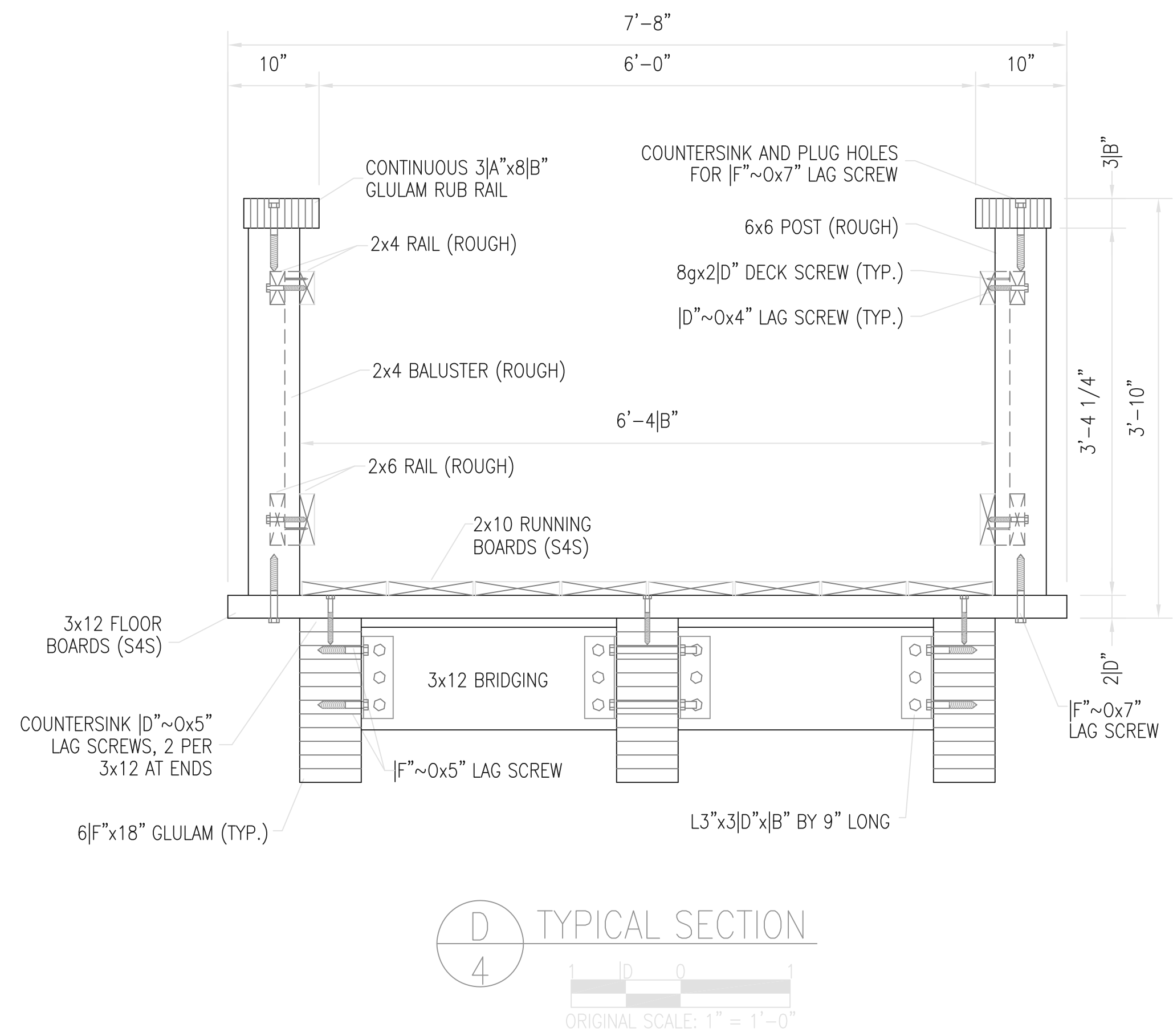
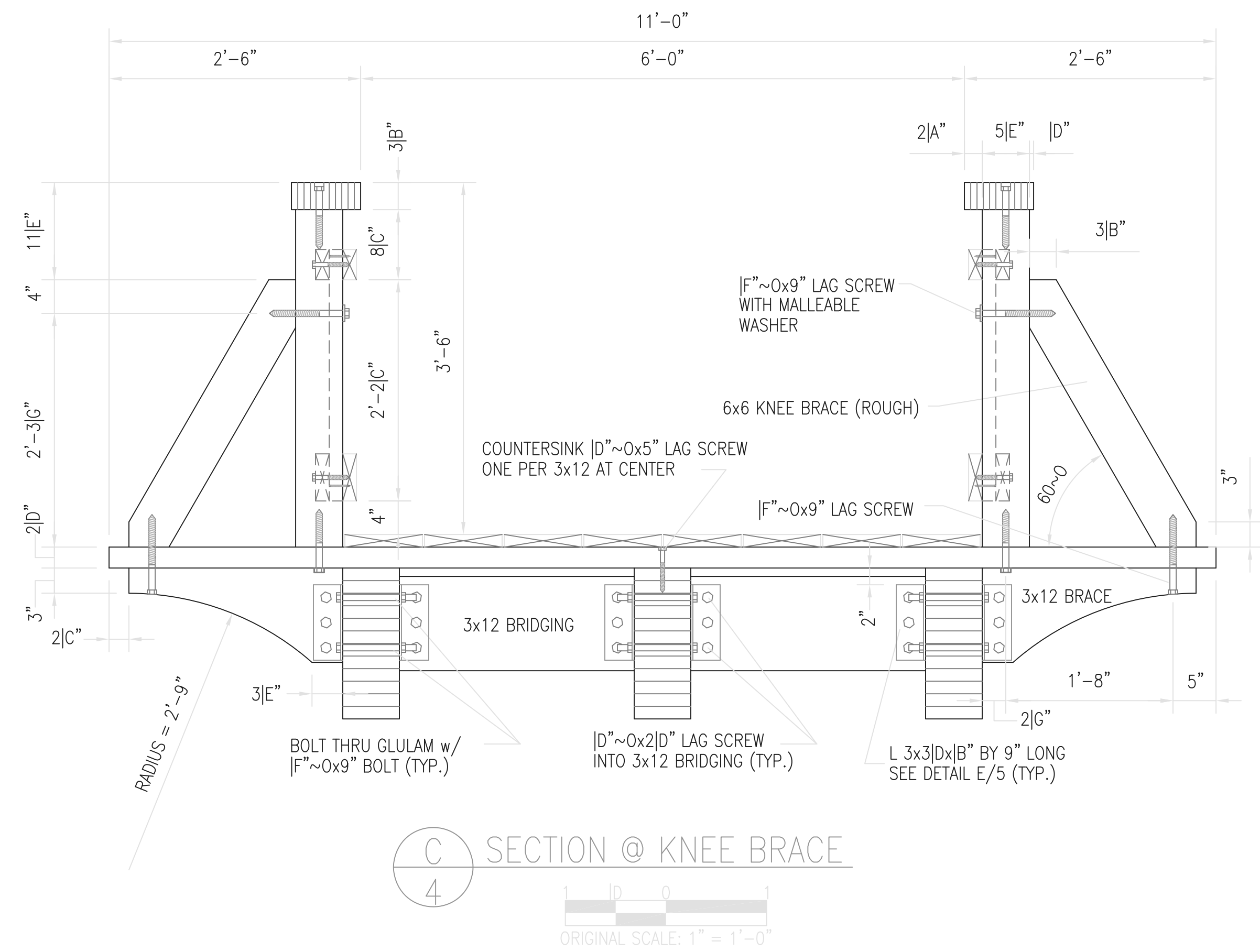
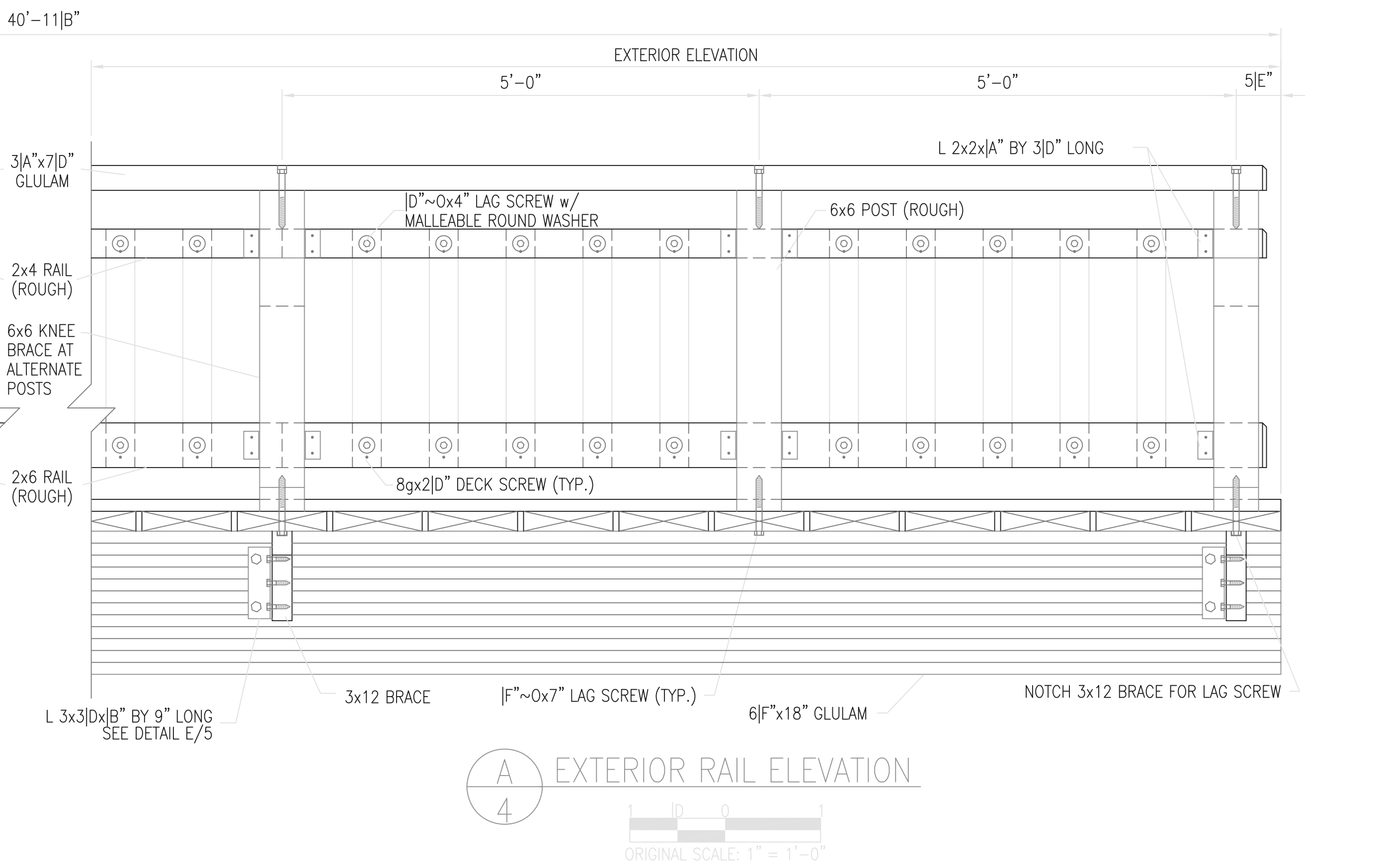
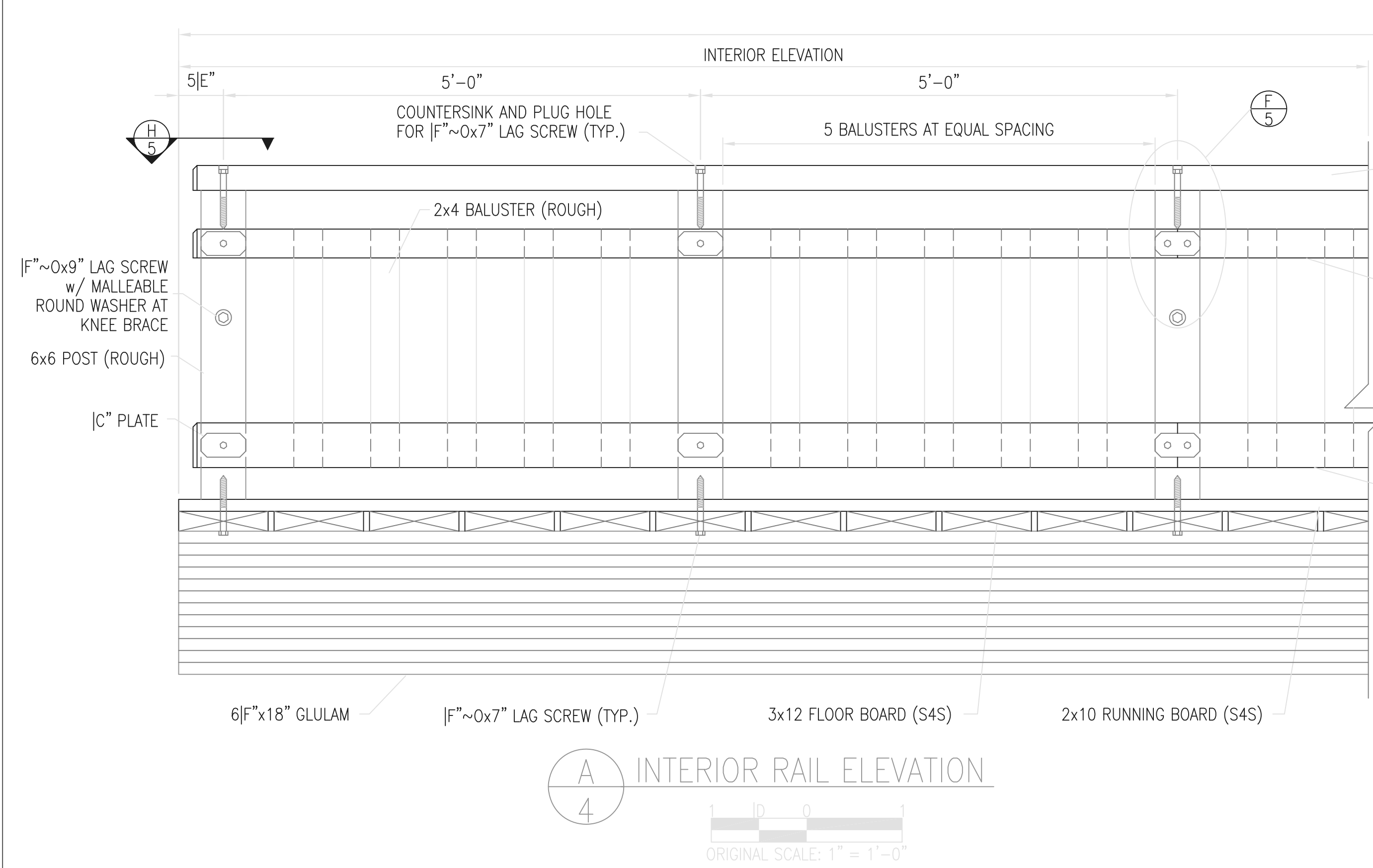


DATE:
8-26-98

PLAN &
PROFILE

SHEET NO.
2 OF 7

NAME: 98312-(04)-BRIDGE-#1-RAIL-DETAILS.DWG



PROJECT NO.	REVISIONS	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
98312		KSD	KSD		

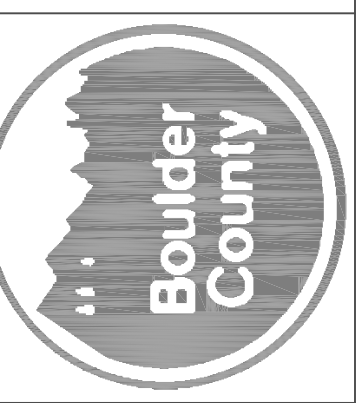
ENGINEERING CONSULTANTS BOULDER, COLORADO

LORIS AND ASSOCIATES, INC.

PARKS AND OPEN SPACE DEPARTMENT

HEIL VALLEY RANCH

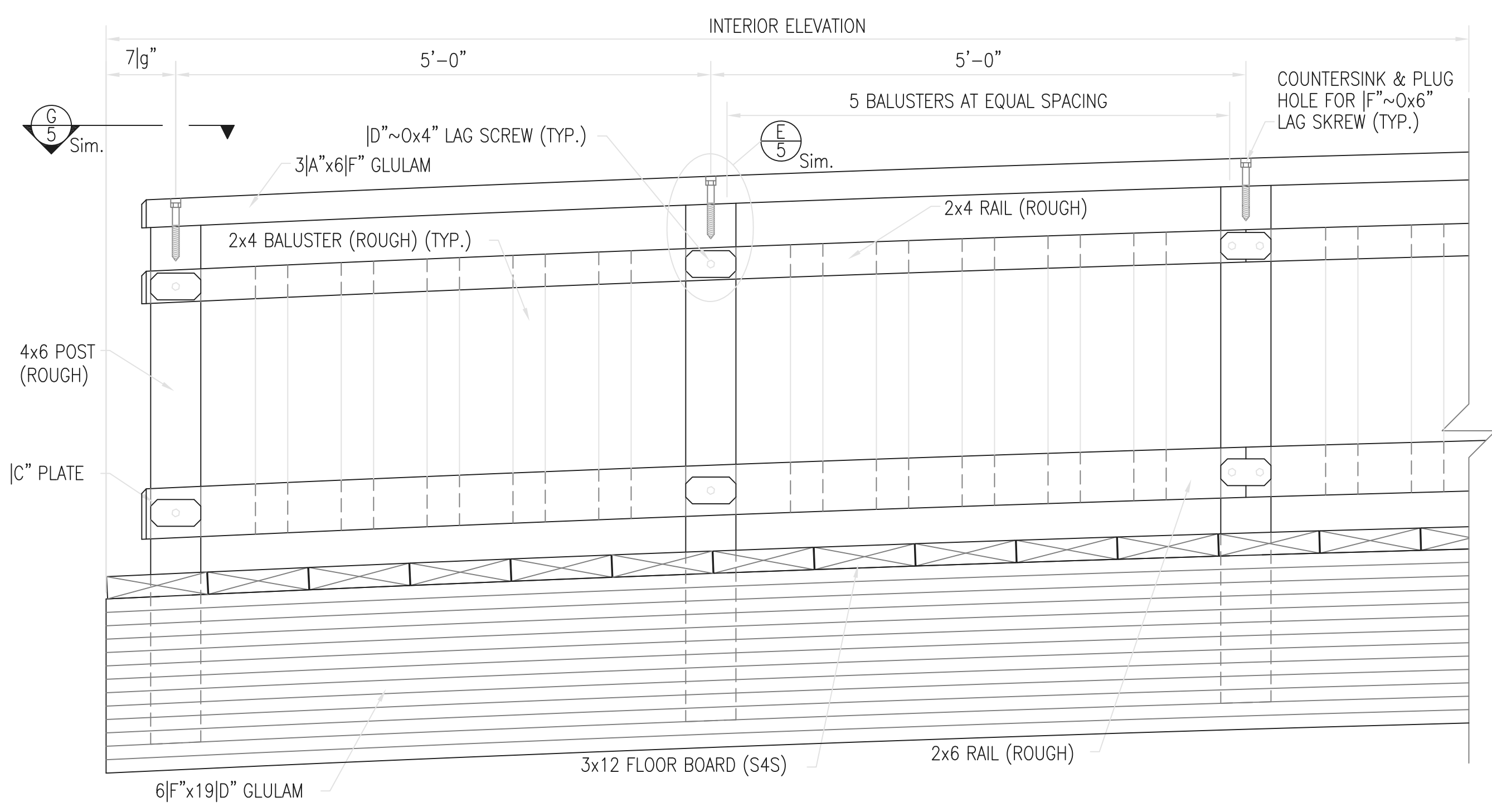
BOULDER COUNTY, COLORADO



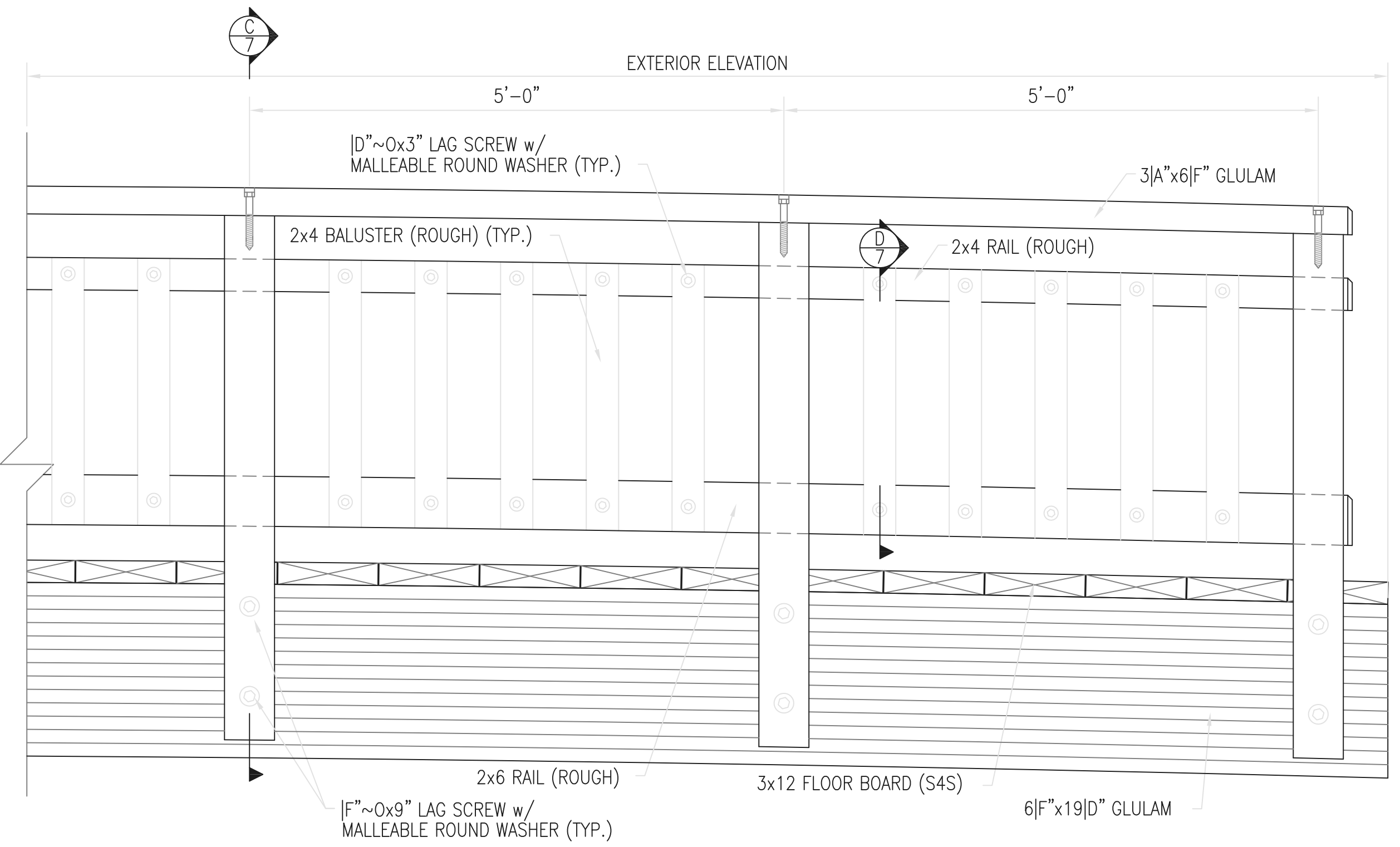
DATE: 8-26-98

BRIDGE #1 RAIL DETAILS

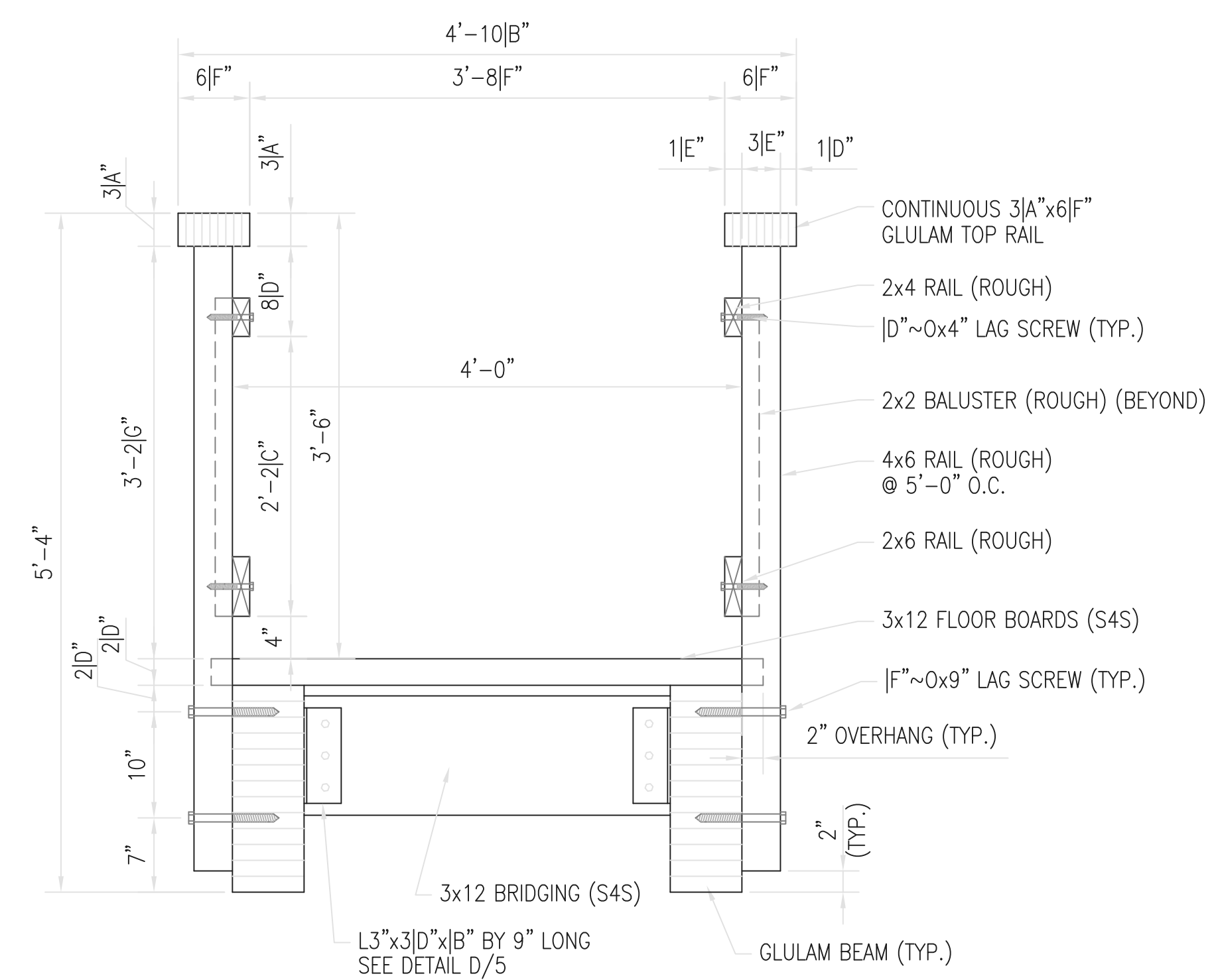
SHEET NO. 4 OF 7



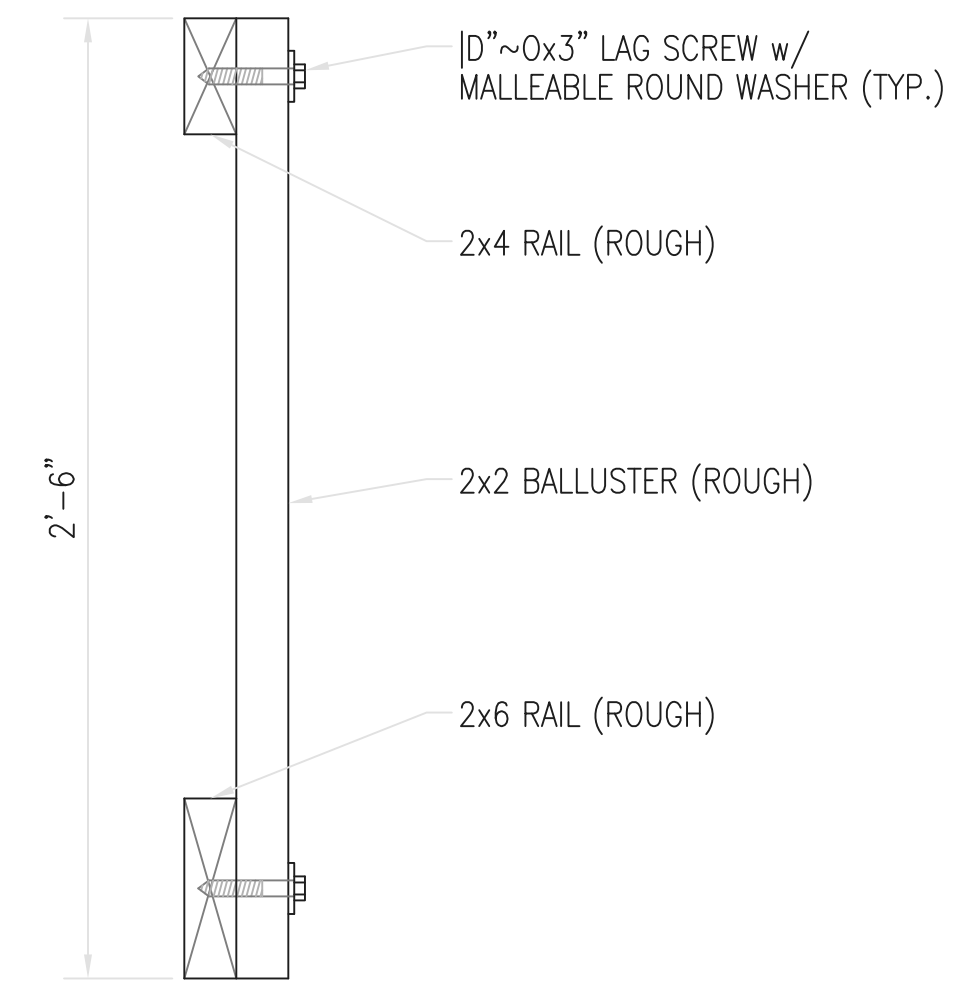
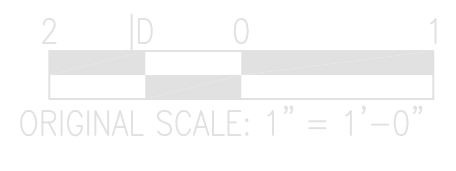
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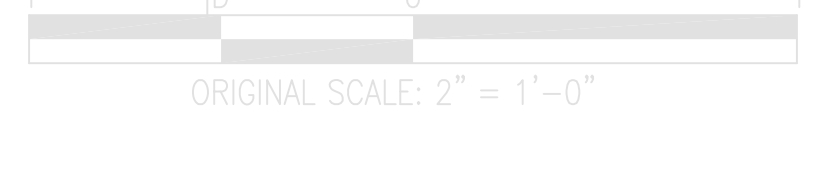
B
7 EXTERIOR RAIL ELEVATION



C
7 TYPICAL SECTION



D
7 TYPICAL BALLUSTER SECTION



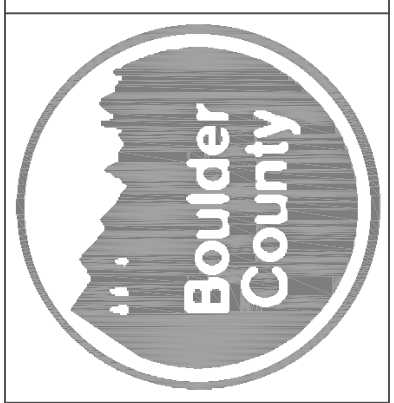
NAME: 98312-(07)-BRIDGE #2 RAIL & ABUTMENT DETAILS.DWG

PROJECT NO.	REVISIONS	NO.	DATE	BY
98312	KSD			
	KSD			

ENGINEERING CONSULTANTS BOULDER, COLORADO

LORIS AND ASSOCIATES, INC.

PARKS AND OPEN SPACE DEPARTMENT
HEIL VALLEY RANCH
BOULDER COUNTY, COLORADO



DATE:
8-25-98

BRIDGE #2
RAIL &
ABUTMENT
DETAILS

SHEET NO.
7 OF 7

MANDATORY PRE-BID MEETING

Please write legibly. Any addendums or information regarding this Bid/RFP will be sent by email. The information you provide on this document will be used as your official contact information. If we can't read your email address or phone number you risk missing future correspondence regarding this project.

RFP #7300-22 - Hell Valley Ranch Trail Bridges Engineering/Design Services
 DATE: 01/18/2022 10:00 a.m.

PLEASE PRINT

Representatives Name	Company	Address	Phone	E-mail
MARK P POST	CENTENNIAL ENGINEERING	BOX 3595 BOULDER CO 80305	724 841 7094	m.post@ceiupz.com
Shannon Haythwaite	TRANSPAWN BRIDGES	5901 Dexter St. Commerce City	303 447 3807	shannon@flxx.com
Kate Jones/Dane Tomei	EST INC	1873 S Bellaire St. Denver	720-486-0707	katej@estinc.com
Beth Weiss	GZA	4430 Arapahoe Ave. suite 200. Boulder	303-305-4795	beth.weiss@gza.com
Justin Cupich	Kumar + Associates	2390 S. Lipan St Denver	303-747-9700	Cupich@kumarusa.com
DAVID GRAFF	Otak	371 Centennial Pkwy	720-758-7705	David.graff@otak.com
Rachel Williams	Otak	371 Centennial Pkwy	720-758-7740	Rachel.Williams@otak.com
ERICA OLSEN	SEH	2000 S COLO BLVD DENVER	720 290 3695	eolsen@sehinc.com
STEVE HAKES	BENESCH	7979 E. TUFTS AVE STE 800 DENVER	720-610-4433	shakes@benesch.com
Lacey Goetz	Integral Engineering Co	3933 Paseo Del Prado Boulder CO	303 804 7003	Lacey@IntegralEngineeringCo.com
Andy Carlson	Singh Trail Trail		303-579-4137	andy@singhtrail.com
Sheri Nichols	Level Engineering	320 Cleveland Ave, Loveland, CO	720-409-0119 ex. 16	snichols@levelengineering.com
Jay Blackburn	Level Engineering	"	720-798-9751	jblackburn@levelengineering.com
Michelle Iblings	Drexel, Barrell & Co.	1800 38th St, Boulder, CO	303.442.4338	miblings@drexelbarrell.com