



TOWN OF JACKSON

TOWN COUNCIL

AGENDA DOCUMENTATION

PREPARATION DATE: September 25th, 2018

MEETING DATE: October 1st, 2018

SUBMITTING DEPARTMENT: Public Works

DEPARTMENT DIRECTOR: Floren Poliseo

PRESENTER: Johnny Ziem

SUBJECT: Approval of Design and Construction of a Pedestrian Bridge in East Jackson

STATEMENT/PURPOSE

The purpose of this item is to seek Council approval for the design and construction of a pedestrian bridge in East Jackson.

BACKGROUND/ALTERNATIVES

This project site is located at the end of the alley between East Kelly Ave and Cache Creek Drive. Typical vehicular traffic travels easterly down the alley and then heads north at the end of the alley, towards May Park. The Town of Jackson has a right-of-way at the end of the alley that heads south towards Cache Creek Drive. In this right-of-way, a portion of the diverted Cache Creek flow opens and creates an open water feature that does not allow vehicular travel thru to Cache Creek Drive. Until this spring, no pedestrian traffic access was established to cross the creek. During this spring/summer staff noticed that a small, homemade bridge appeared at this location to allow for pedestrian movement across the creek. Staff believes a neighbor near this location possibly moved a bridge on their property onto the Town's right-of-way to allow pedestrian access.

Staff began working on an idea to construct a pedestrian bridge over the creek well before the homemade bridge appeared on site. The idea was to create a safe, professionally engineered, and ADA compliant pedestrian access bridge over the creek while still maintaining the creek's "open" character to allow for possible access for pets. Work done to date includes the design and professionally engineered plans created by Nelson Engineering and user analysis discussions with Friends of Pathways.

Stakeholders

Public notice was issued to residents within 200 ft. of this location that this item would be discussed on the October 1st, 2018, evening Town Council Agenda. Further, there were other stakeholders identified as potential users of this type of pedestrian bridge access. First, the pedestrian bridge will offer access to May Park for the residents of a portion of Cache Creek Drive and Upper Cache Creek Drive. Second, the pedestrian bridge will offer access to any resident, especially those requiring ADA access, the ability to cross the creek safely and efficiently. Lastly, as of last year, the Teton County School District moved to eliminate certain school bus stops to keep the district in line with state regulations and transportation funding. This resulted in the removal of four East Jackson bus stops that were used by roughly 45 students. Wyoming law states that students within 1 mile of an elementary school, 1 ½ miles of a middle school, and 2 miles of a high school should walk, assuming it is safe to do so.

Additionally, Friends of Pathways and Teton County Pathways are stakeholders in that both groups advocate for a complete pathway system and safer streets. Park and Recreation is a stakeholder in that they maintain winter access on town sidewalks/pathways. Residents and students living within this site are also stakeholders in that they will use this asset for their multimodal transportation needs.

ALIGNMENT WITH THE COMPREHENSIVE PLANS

- Section 7 “Multimodal Transportation” of the Comp Plan: Residents and visitors will safely, efficiently, and economically move within our community and throughout the region using alternative transportation
- Jackson/Teton Integrated Transportation Plan
- Pathways Master Plan

ATTACHMENTS

A.) Site Map and Site Photo



B.) Attached engineered plans

FISCAL IMPACT

The fiscal impacts for this project are the costs associated with the design of the pedestrian bridge and the cost for constructing the project. Funding has been approved in the FY19 budget for the design and installation of this project. The design fees associated with this project were \$1,200.00 and the initial estimates for construction of the bridge are estimated to be \$17,000.00 - \$20,000.00. Other ongoing fiscal impacts associated with this project will include future snow removal, general maintenance/repair, and the addition of wayfinding signage.

STAFF IMPACT

Staff impact for this project included time working with engineer to complete the design and will require time for project management, roughly 4 – 5 hours per week, during the construction phase. There will be additional staff impacts for managing snow removal and general maintenance performed on the bridge.

LEGAL REVIEW

None at this time.

RECOMMENDATION

Staff recommends approval of the East Jackson pedestrian bridge design and approval to proceed with construction of the East Jackson pedestrian bridge.

SUGGESTED MOTION

I move to approve the East Jackson pedestrian bridge design and direct staff to proceed with administering construction of the East Jackson pedestrian bridge.

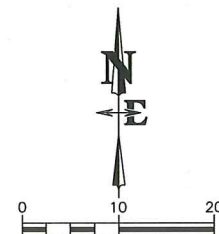
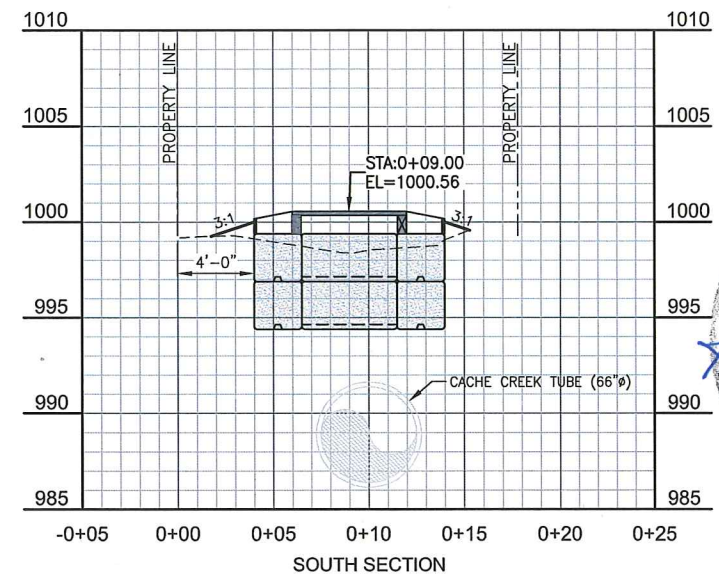
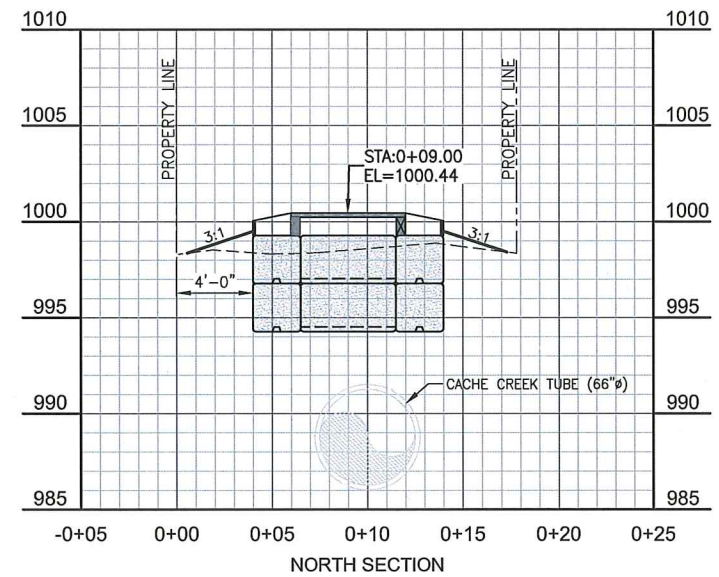
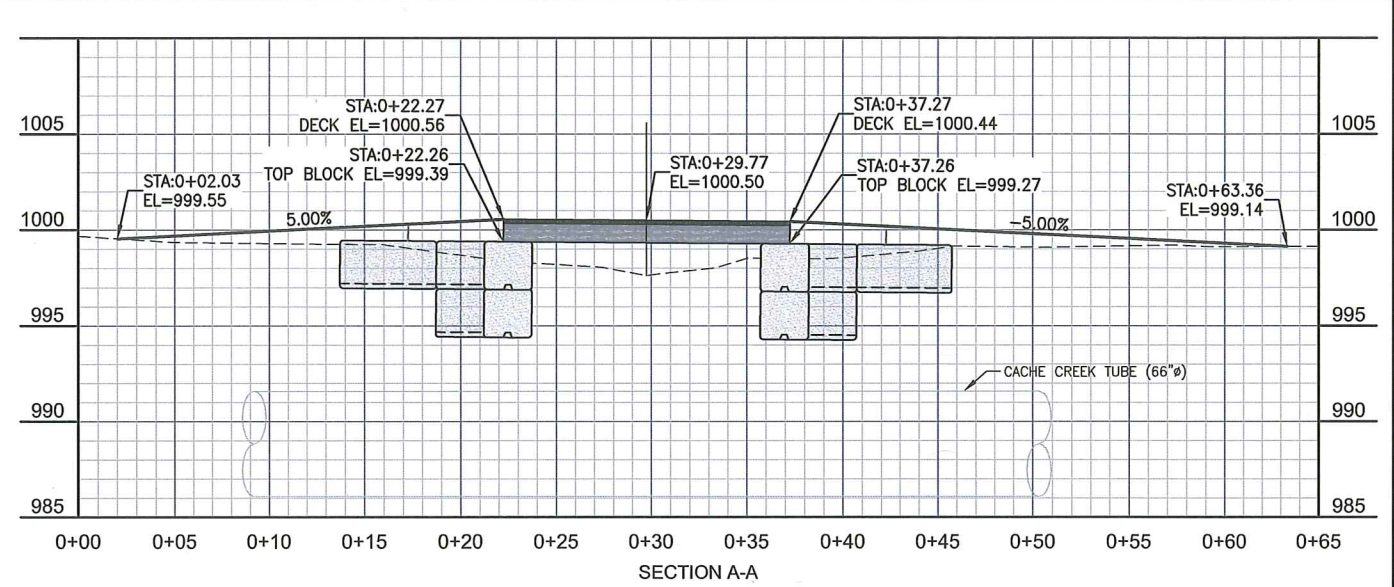
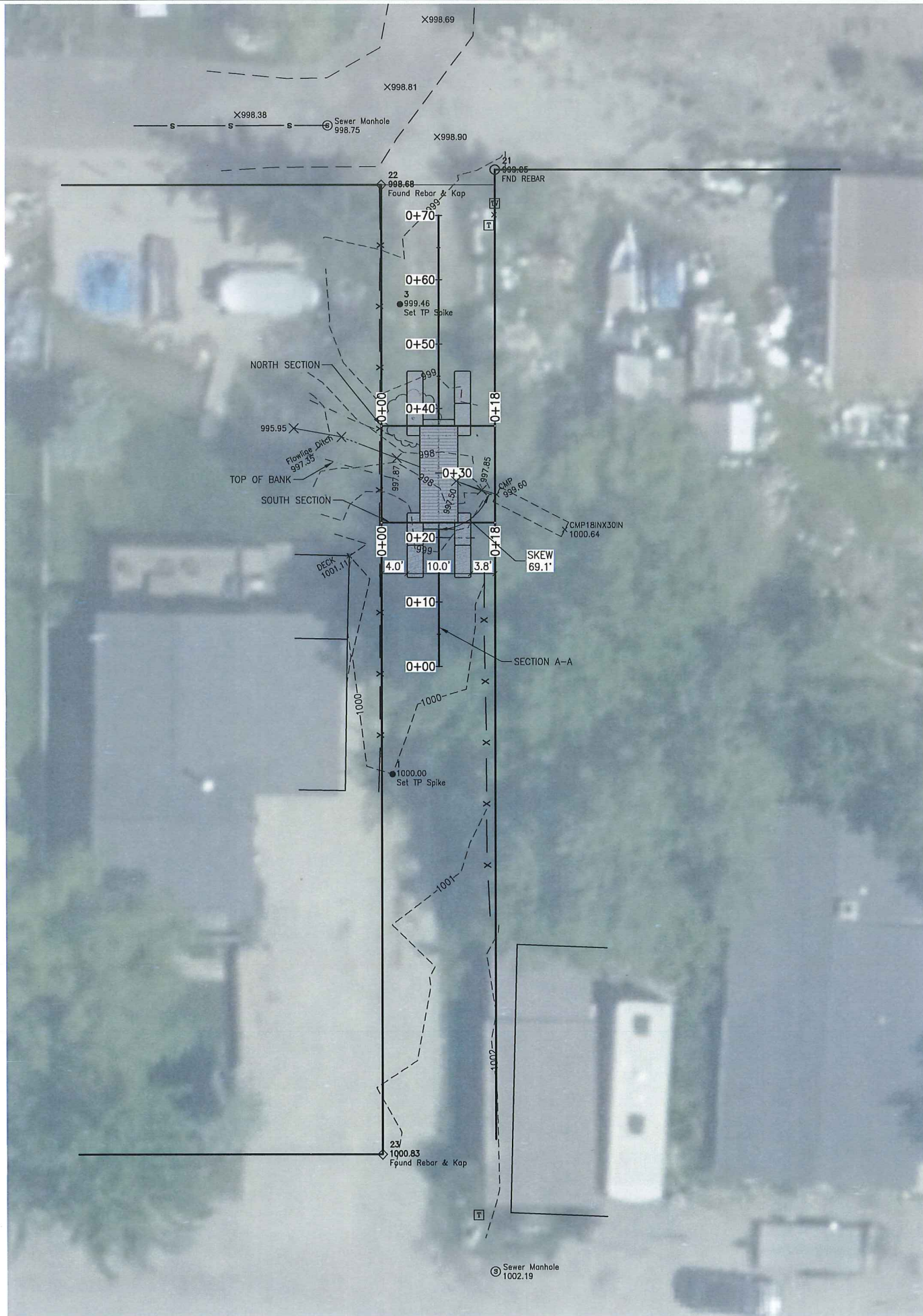
Synopsis for PowerPoint (120 words max):

Purpose: The purpose of this item is to seek Council approval for the design and construction of a pedestrian bridge in East Jackson.

Background: This project site is located at the end of the alley between East Kelly Ave and Cache Creek Drive.

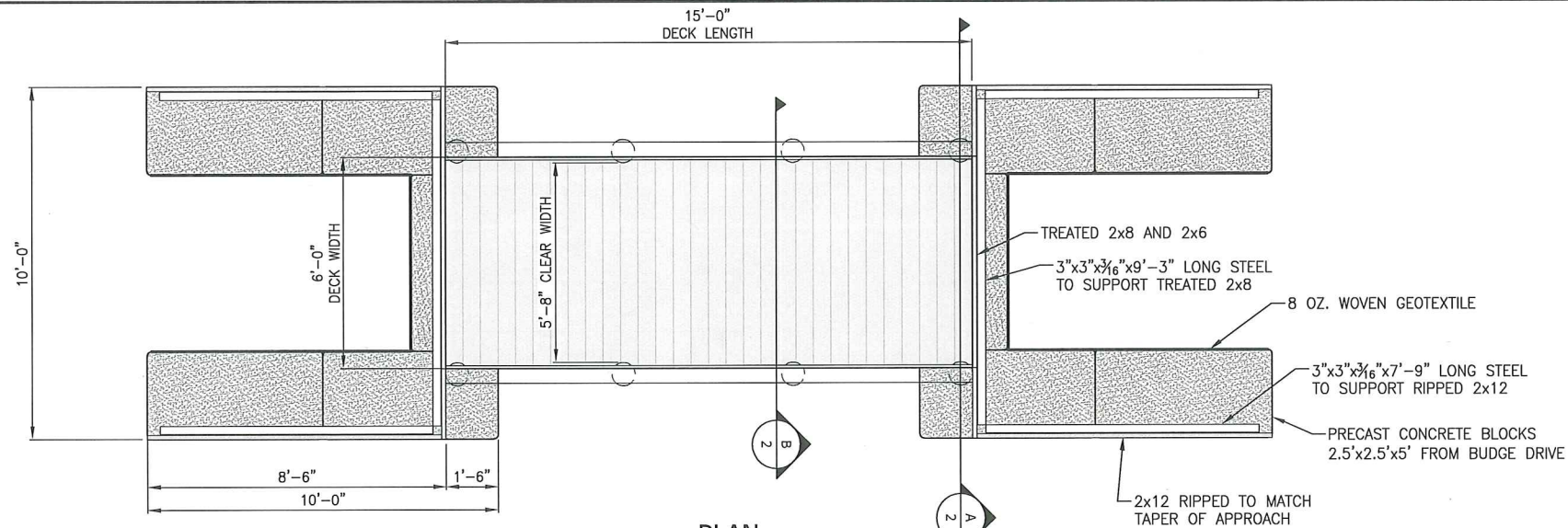
Fiscal Impact: The design fees associated with this project were \$1,200.00 and the initial estimates for construction of the bridge are estimated to be \$17,000.00 - \$20,000.00. Other ongoing fiscal impacts associated with this project will include future snow removal, general maintenance/repair, and the addition of wayfinding signage.

S:\Projects\14-175-03 West Broadway Landslide Mitigation Construction\Cache Creek Bridge\14-175-03_cache_creek_bridge.dwg (2/2/24 at 11:47) - Sep 05 2018 09:05:51 pm PLOTTED BY: green DWG FIRM: 212



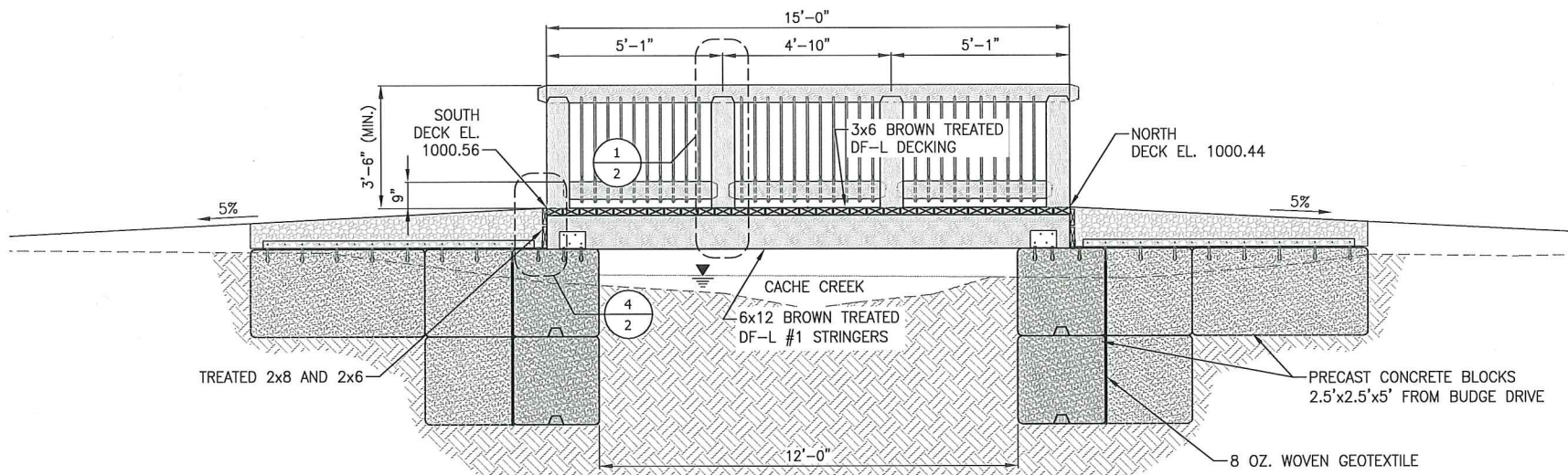
DRAWING NO 1		JOB TITLE CACHE CREEK - EAST KELLY ALLEY BRIDGE JACKSON, WY		DRAWING TITLE SITE PLAN AND BRIDGE SECTIONS		<div><div>NELSON ENGINEERING</div><div>P.O. BOX 1599, JACKSON WYOMING (307) 733-2087</div></div>				REV. 09/05/18 JK ENGINEERED DRAWN JK/SK CHECKED APPROVED	
JOB NO 14-175-03											

S:\p\0214\175-03 (East Kelly Alley Bridge) Construction\Cache Creek Bridge\Cache Creek Bridge.dwg (2/24/17) - Sep 05 2018 04:05:41 pm PLUTED BY green DWG FORMAT: B10



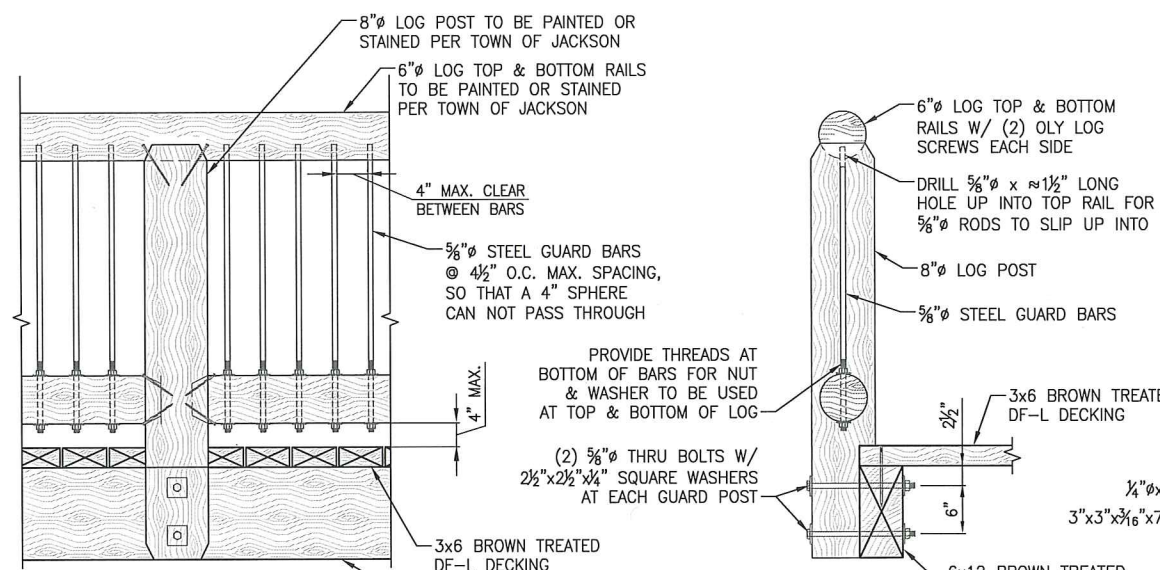
PLAN

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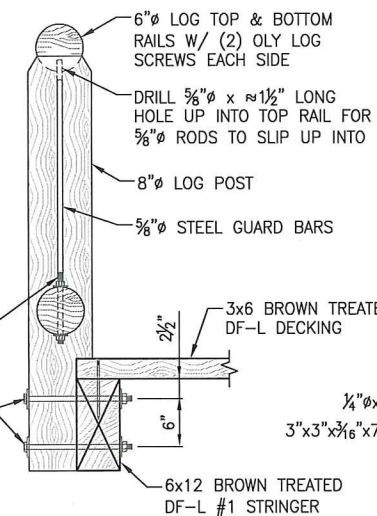
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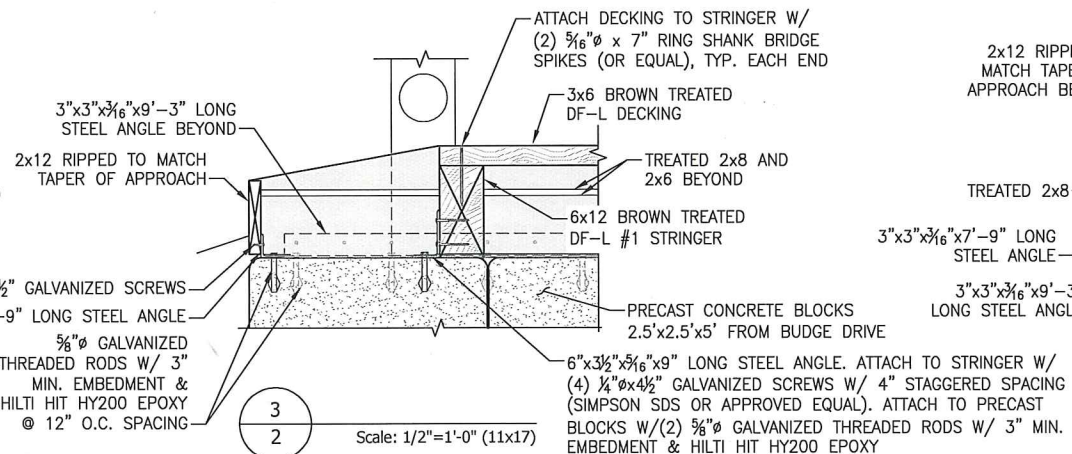
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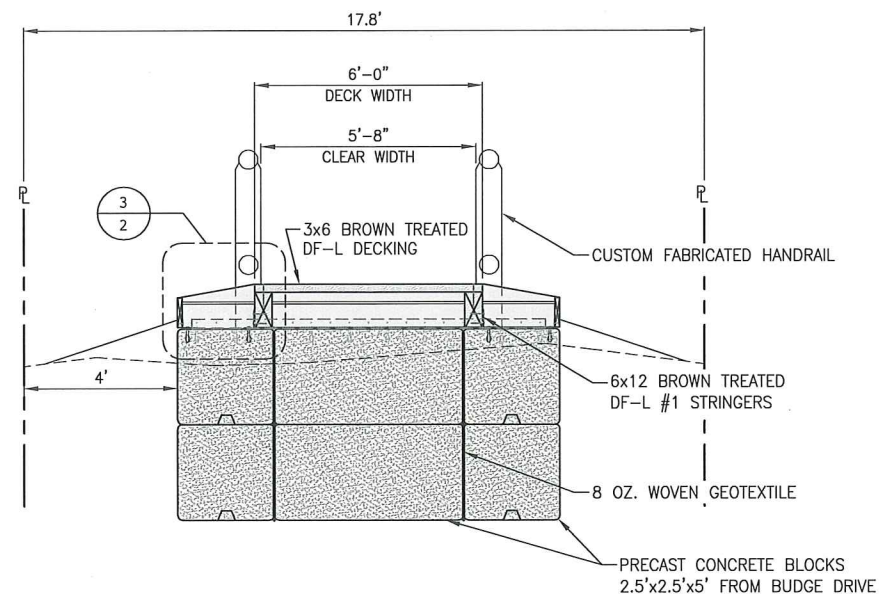
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- NOTES:
- ALL ANCHORS, SCREWS, OR EPOXIED RODS INTO CONCRETE TO BE GALVANIZED.
 - 5/8"Ø STEEL GUARD BARS TO BE BLACK STEEL.



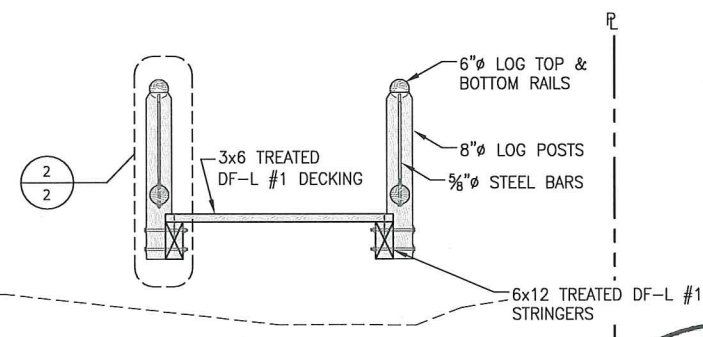
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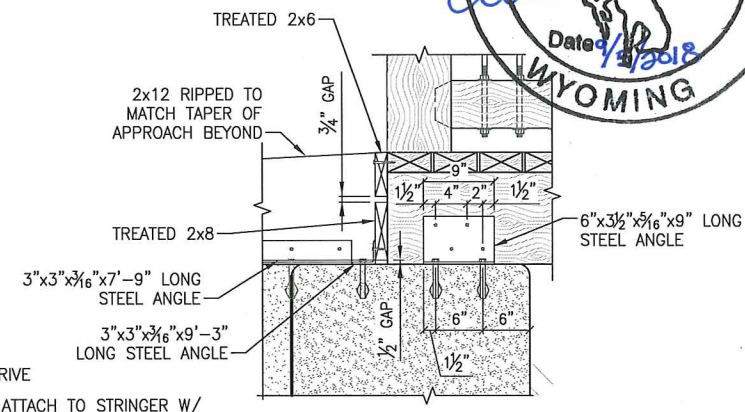
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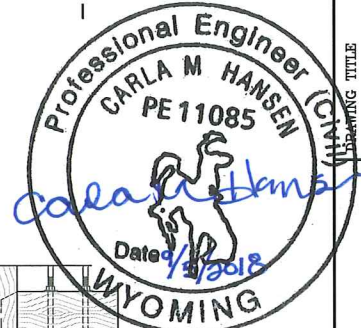
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DATE	SURVEYED	ENGINEERED	DRAWN	CHECKED	APPROVED
09/05/18	-	BRN	BIG		

DRAWING NO	JOB NO	JOB TITLE	BRIDGE DETAILS
2	14-175-03	CACHE CREEK - EAST KELLY ALLEY BRIDGE	JACKSON, WY

REV.	DESCRIPTION
1	733-2087

NELSON ENGINEERING
P.O. BOX 1599, JACKSON WYOMING (307) 733-2087

