

BACKWOODS BRIDGES





Welcome to a brief introduction of Backwoods Bridges! The following pages will provide a brief insight into the capabilities of our company as well as the services and products we offer.

Backwoods Bridges is a custom timber construction company, specializing in outdoor heavy timberwork. We offer a complete turn-key package solution to our clients, including complete design, engineering, and on-site construction of all of our structures. Our team consists of experienced designers and carpenters that can bring your project from conception to reality!

Backwoods Bridges is owned and operated by Henry Carl. Henry has over 20 years of experience in the timber construction field. Over his many years of building timber bridges, he has perfected the "top-down" bridge construction method. Top-down construction allows us to build bridges and elevated boardwalks without any heavy equipment ever touching the ground. This process greatly reduces disturbance to the natural environment while making it possible to build in areas that are difficult to access, such as wetlands. Top-down construction is extremely efficient and accomplishes several purposes: it eliminates most access issues, enables the structure to be built quickly, and leaves a beautiful and long-lasting structure. Backwoods Bridges can build bridges with the top-down construction method as narrow as six feet wide.

We offer the following structures to our clients:

- Heavy Timber Vehicular Bridges with and AASHTO HS-20 rating
- Vehicle-rated Timber Guardrails
- Golf cart and light-duty maintenance bridges in both 5-ton and 10-ton capacities
- 6'-12' wide Pedestrian Bridges
- Boardwalks and Decks
- Timber Retaining Walls
- Custom Pavilions, Gazebos, and Trellises

Our team takes pride in the quality of our work and our reliability. We use only lumber suppliers whose timbers are carefully selected for their structural and aesthetic properties.

Feel free to contact us with any questions or comments you may have. Thank you for your time.

Best regards,

Henry Carl, Owner

Portfolio



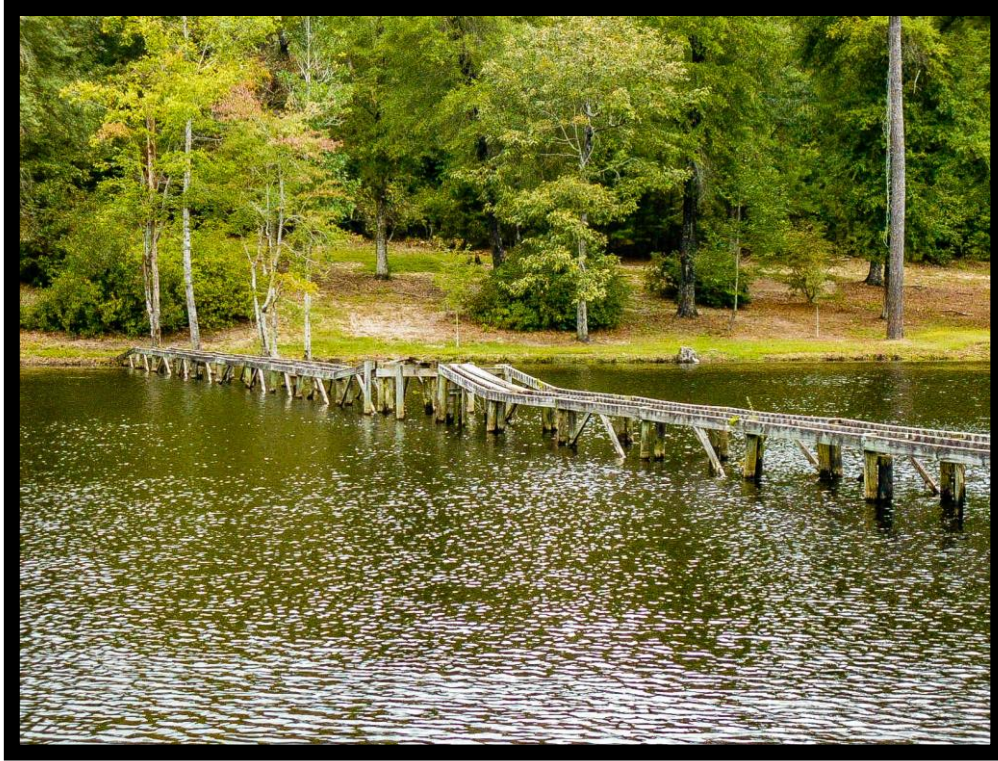


*Polynesian
Resort - Disney
World in
Orlando,
Florida: 1,880
LF of 10' wide
Access
Boardwalk and
20 Bungalow
Foundations*

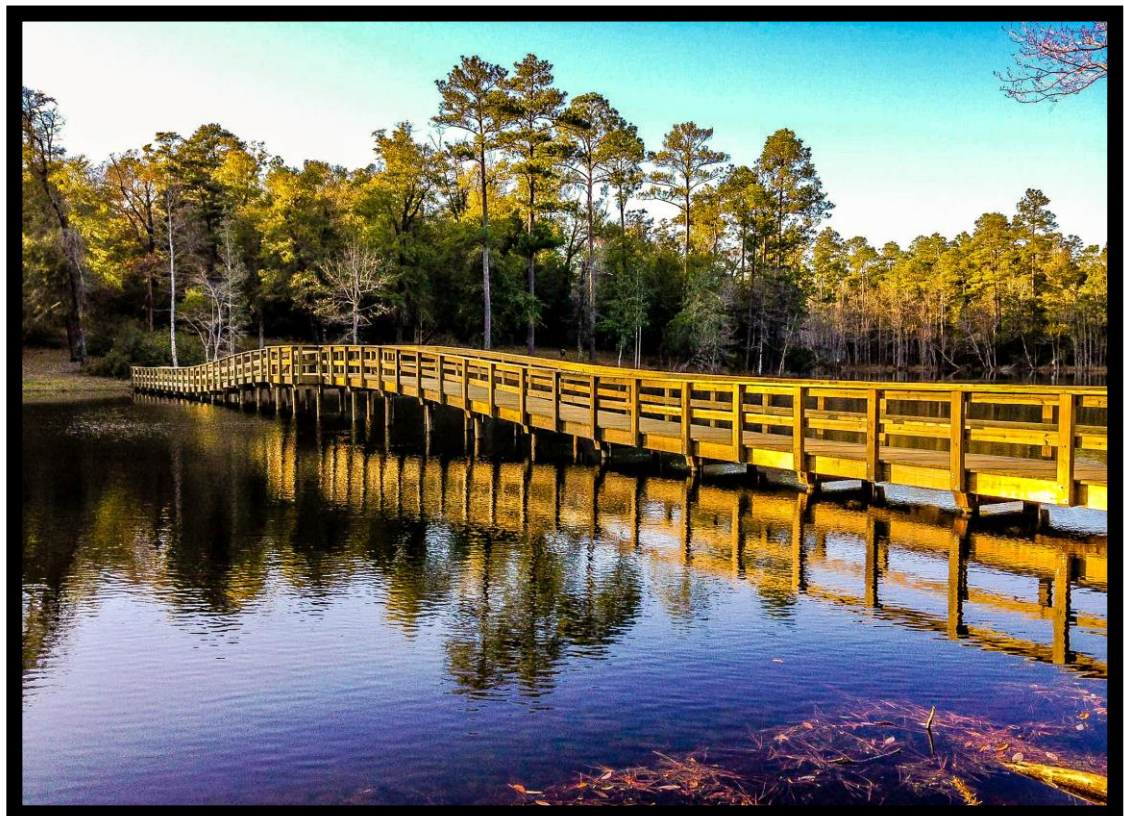




*McNeel Farm- Brewton, AL:
260 LF of 6' Wide Top-Down
Boardwalk with Handrail*



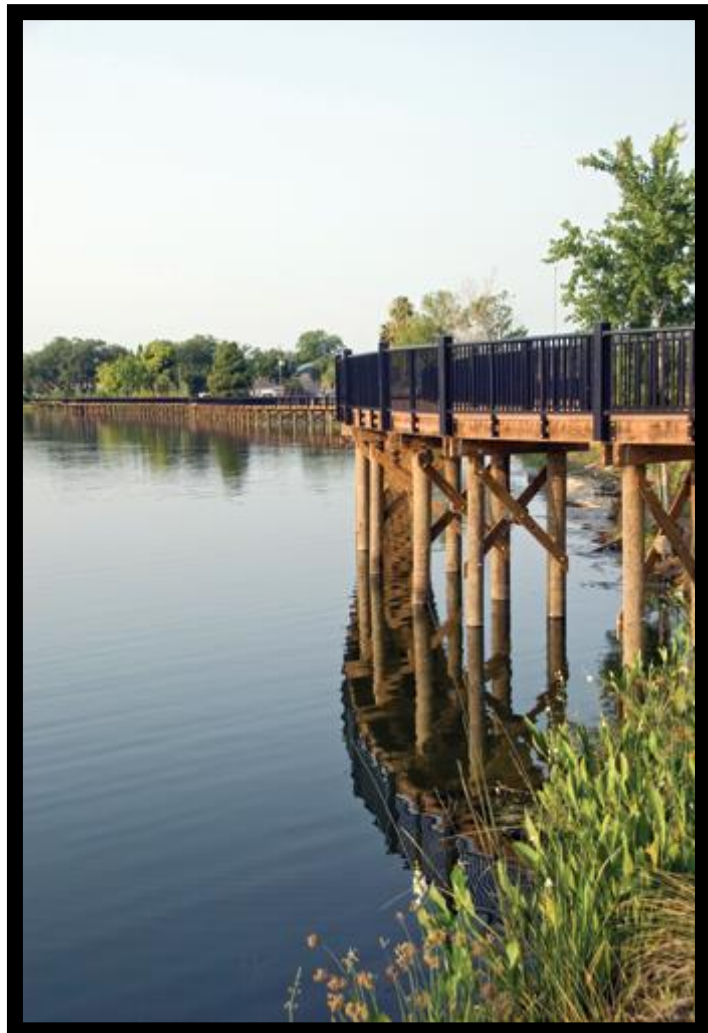
BEFORE



AFTER

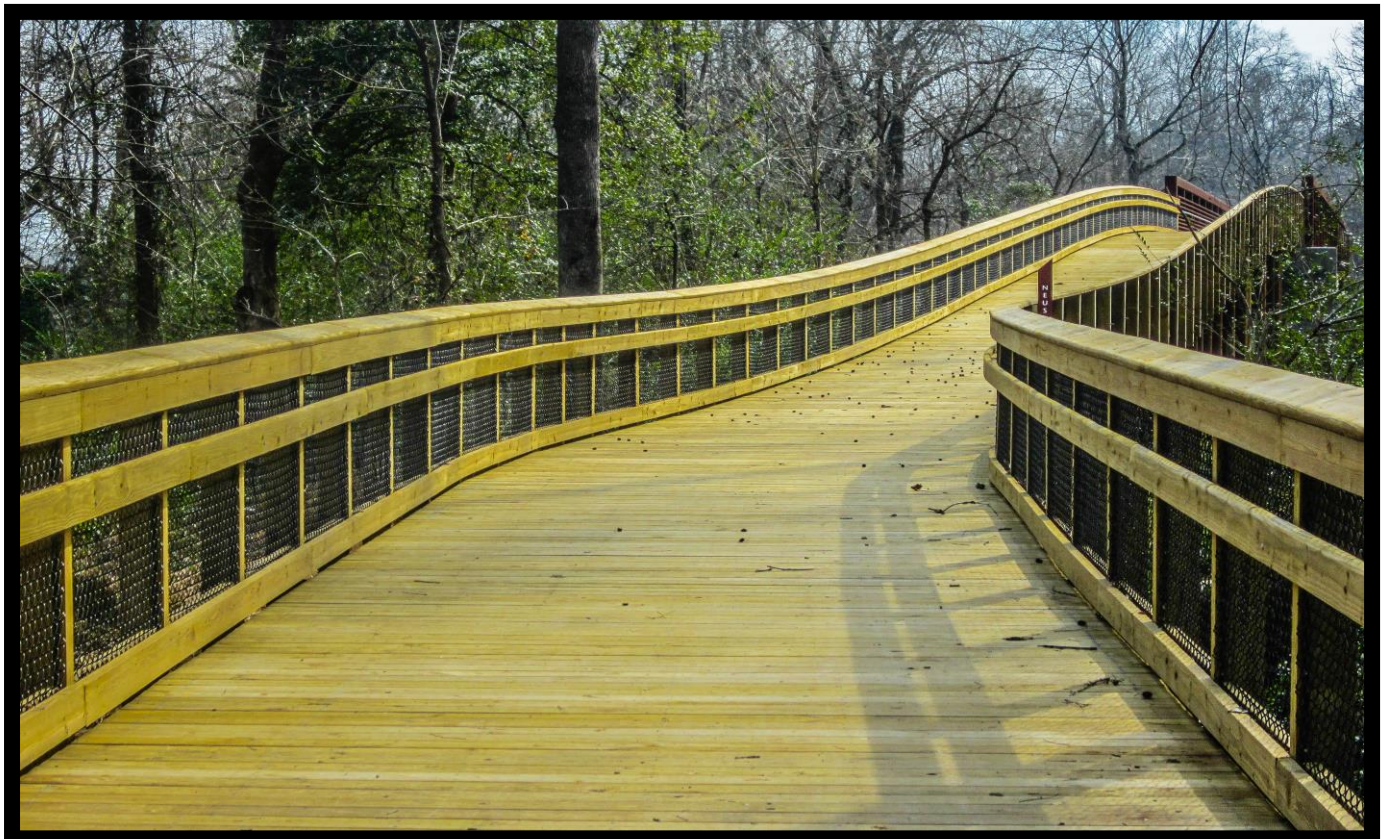


*Lake Concord Park -
City of Cassleberry
Florida: 1,400 LF of
8' Wide Top-Down
Boardwalk with
Handrail*





*Neuse River Trail – Raleigh, North Carolina: 6,175 LF
of 10' Wide Top-Down Boardwalk with Handrail*





Hightowner Beach – Satellite Beach, Florida: 600 LF of 6' Wide Top-Down Boardwalk, Picnic Pavilion and 2 Trellises



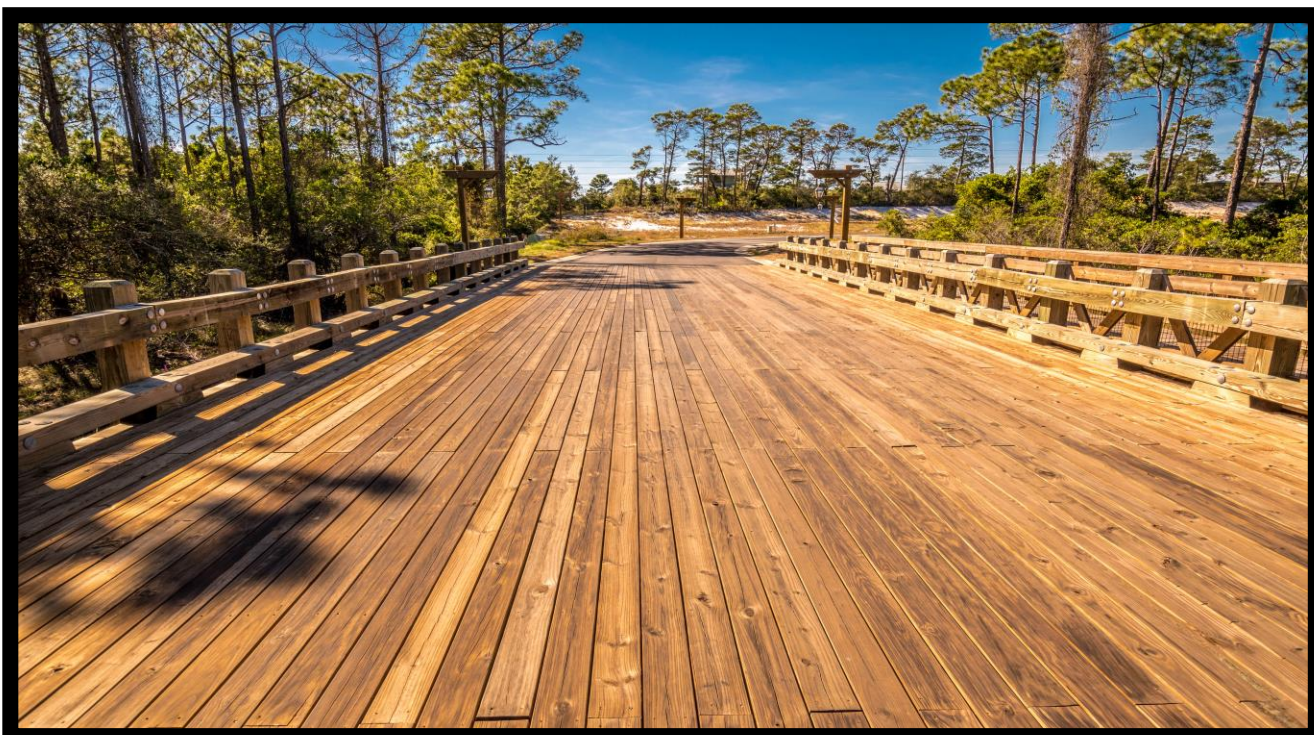


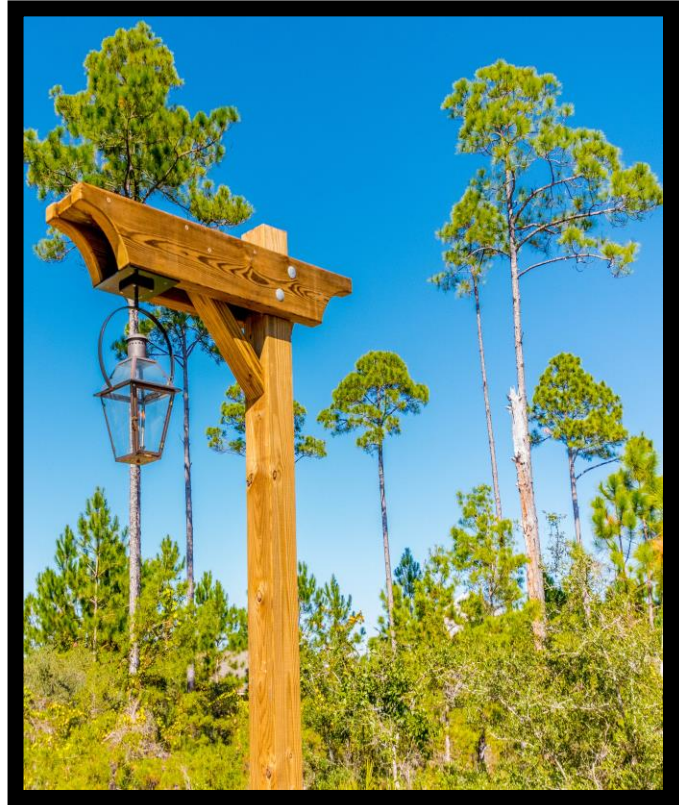
Silverhill Sidewalk Improvements – Silverhill, Alabama: 50' LF of 8' Cart Bridge, 75 LF of 8' Cart Bridge, 40' LF of 8' Cart Bridge and 110 LF of 12' Cart Bridge

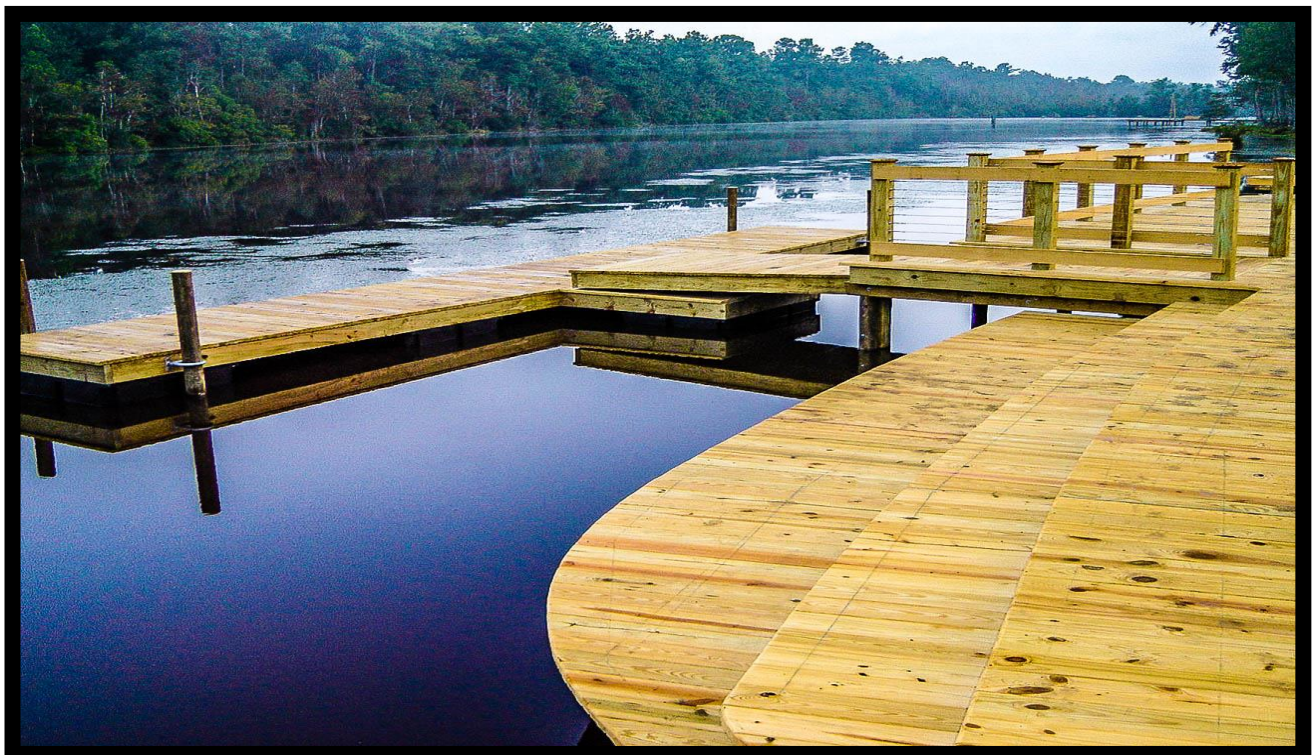
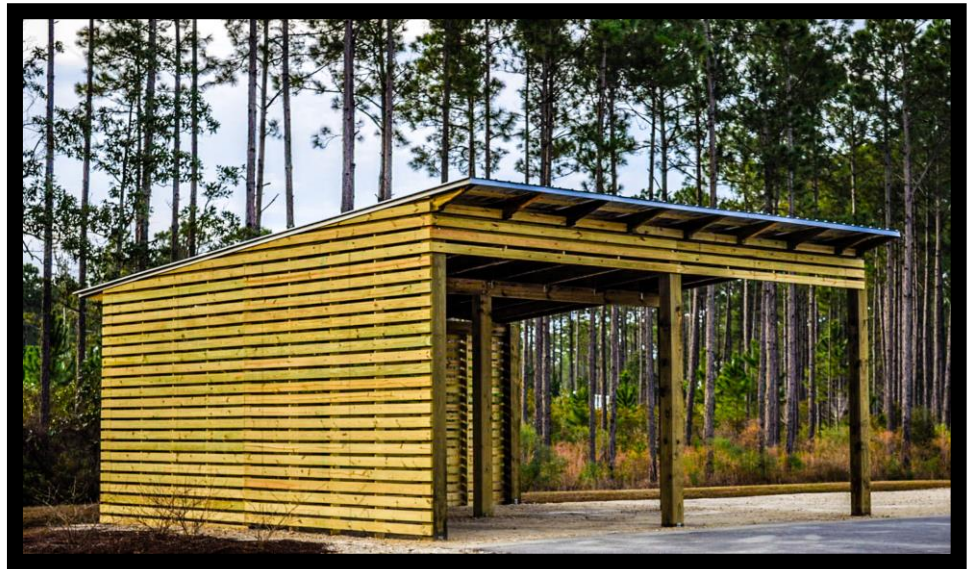


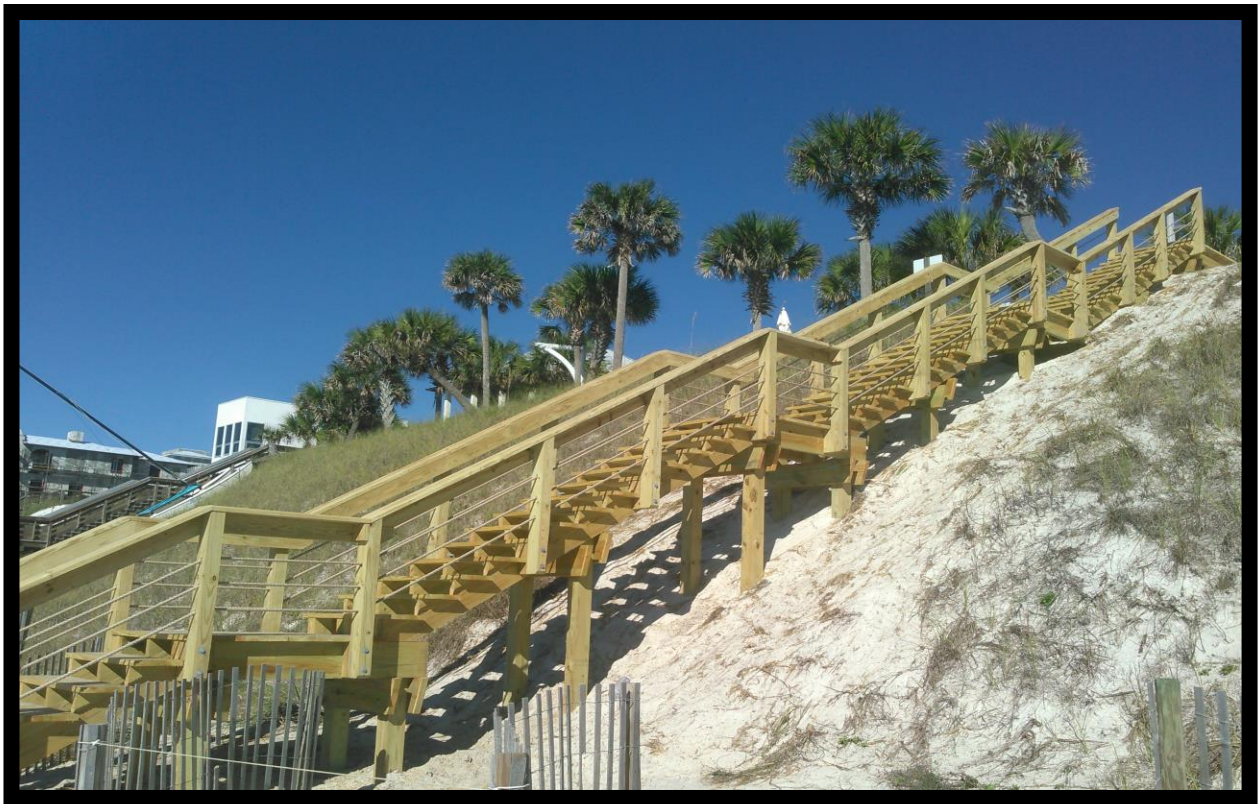


*Ridgewalk Development – Santa Rosa Beach, Florida: 75
LF of Vehicular Bridge with Pedestrian Walkway; Timber
Frame, Gas Lamp Posts and Street Signs*



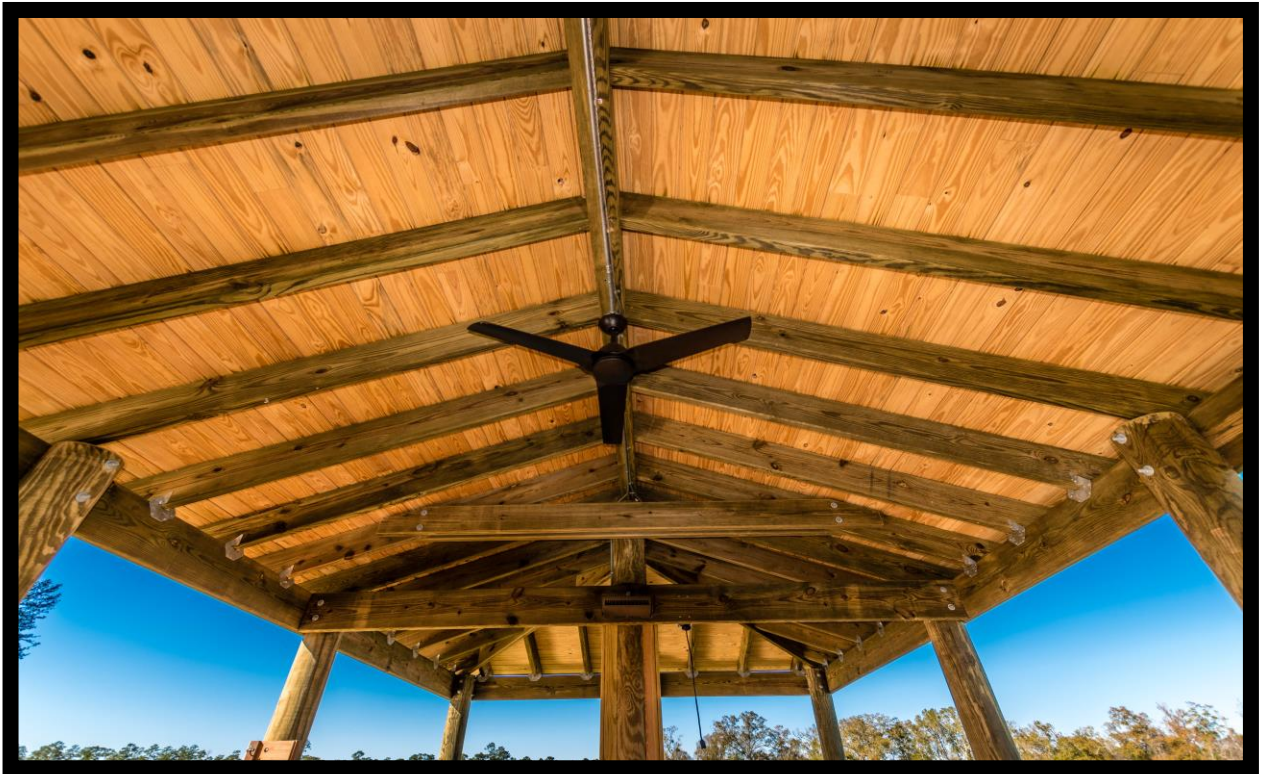




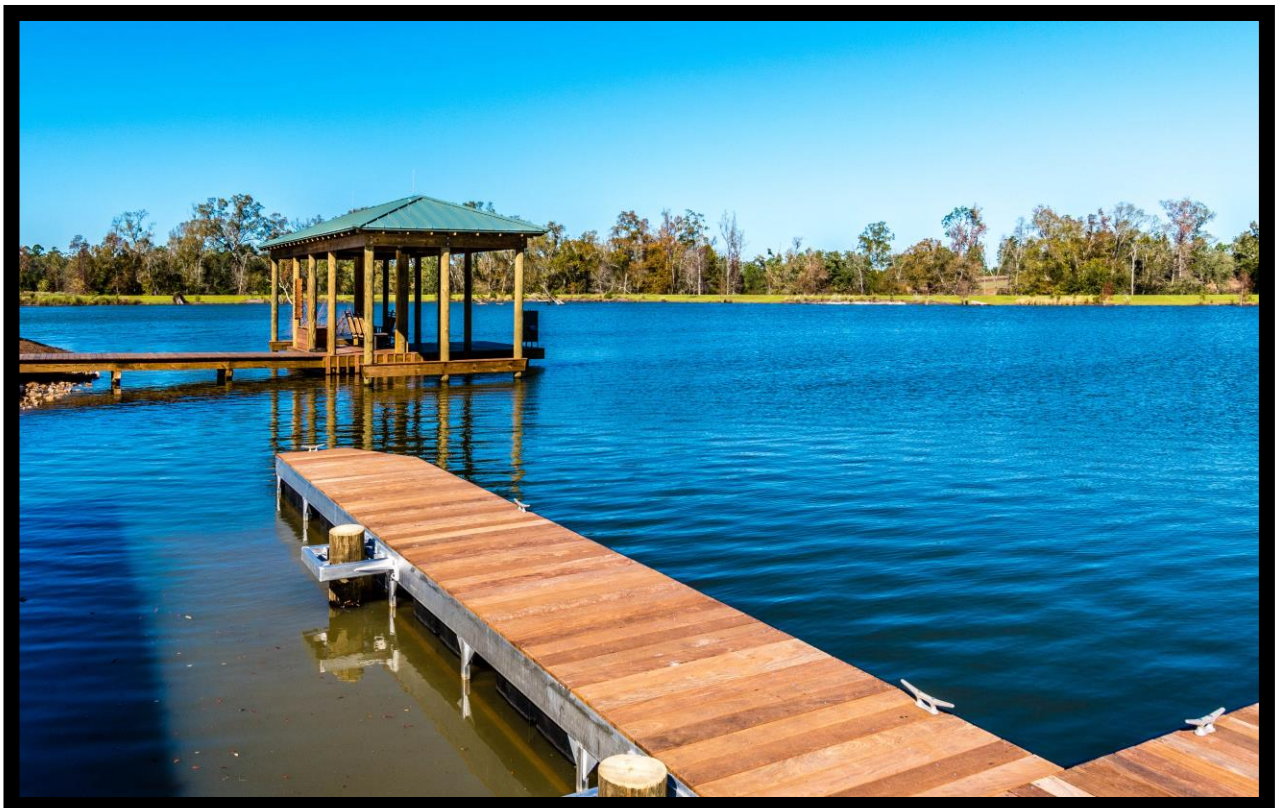


Private Beach Access – Santa Rosa Beach, Florida





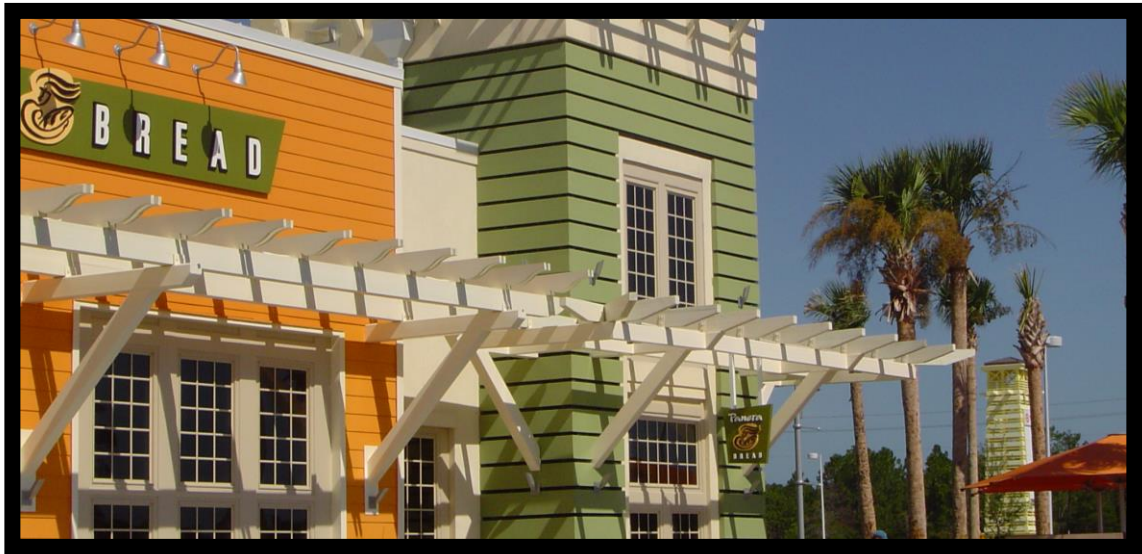
Four Oaks – Boston, Georgia





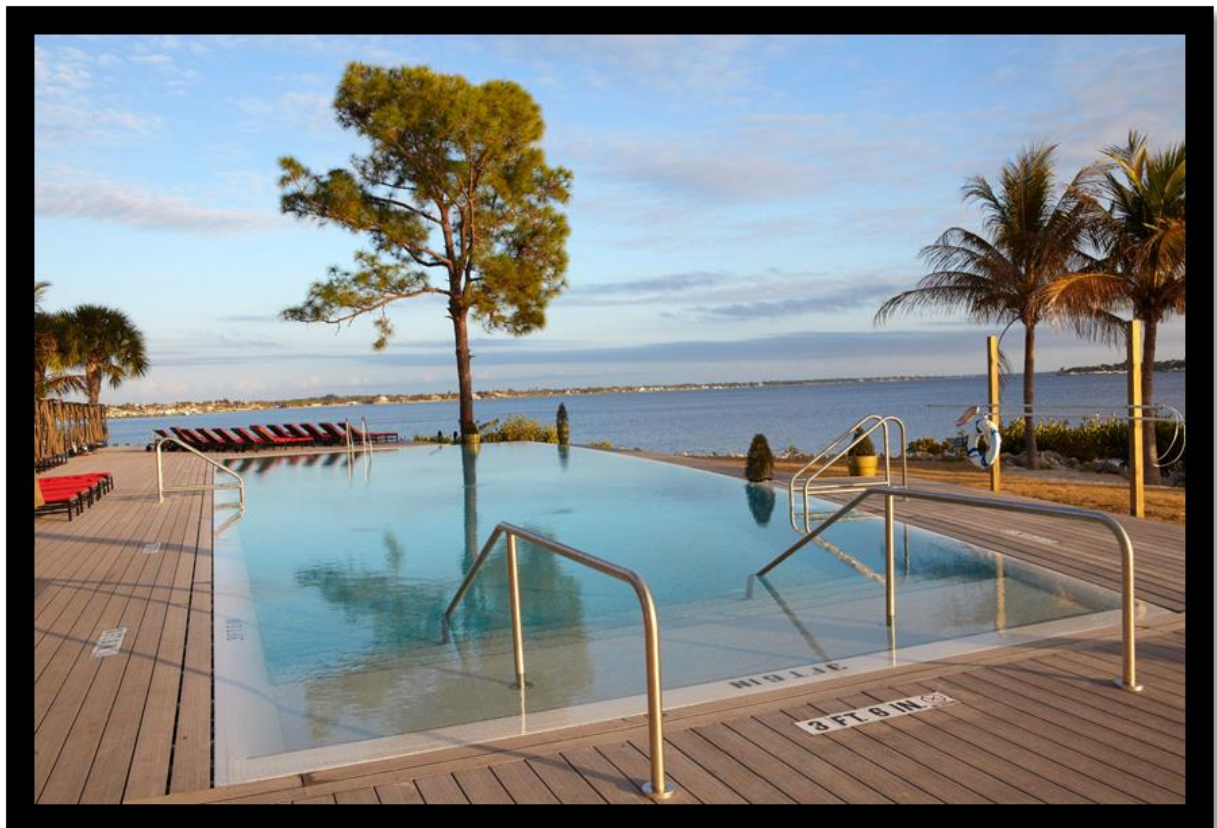


*Pier Park Shopping
Center – Panama
City Beach, Florida*





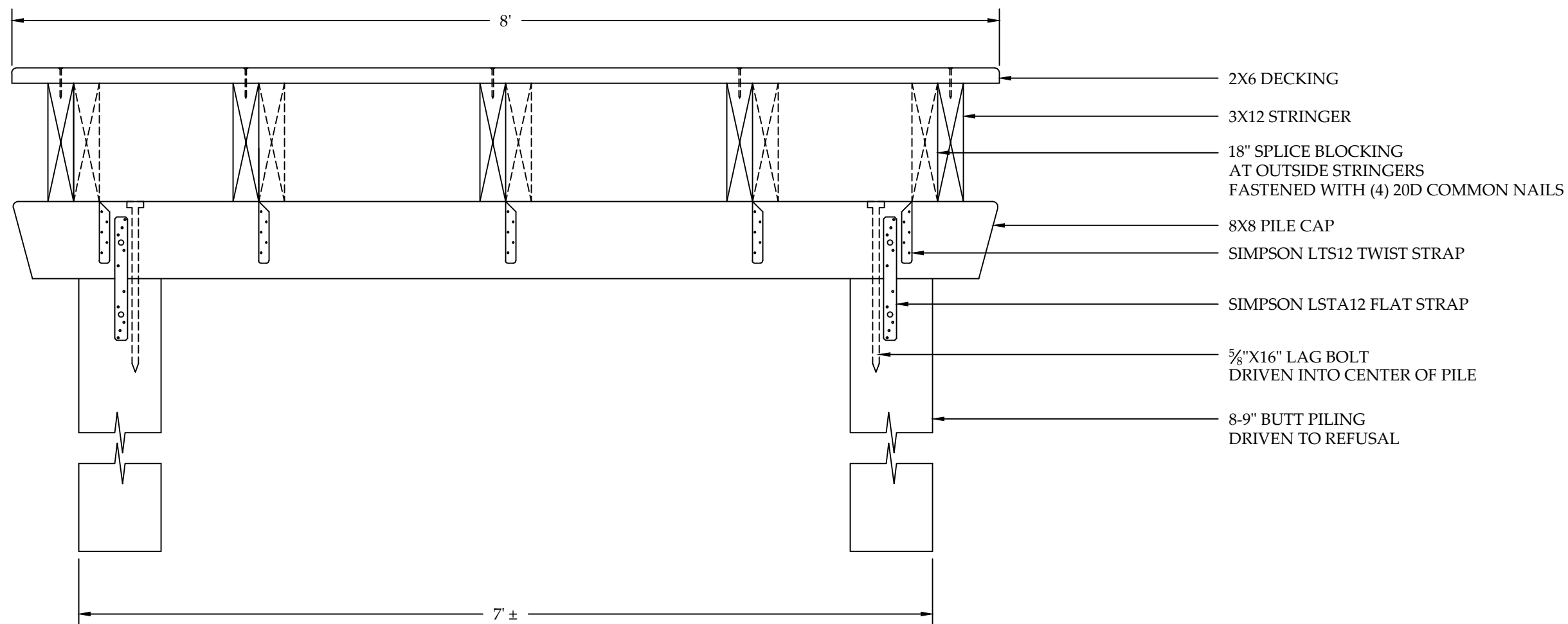
Club Med - Port St. Lucie, Florida





**BACKWOODS
BRIDGES**

**SAMPLE DRAWINGS
(NOT FOR CONSTRUCTION)**



GENERAL NOTES:

1. ALL LUMBER IS SOUTHERN PINE, PRESSURE-TREATED IN ACCORDANCE WITH AWPAS STANDARDS.
2. PILING CONFORM TO ASTM D25.
3. ALL FRAMING LUMBER IS #2 GRADE OR BETTER.
4. DECKING IS #1 GRADE, FASTENED WITH (2) #10X3" STAINLESS STEEL DECK SCREWS AT EACH STRINGER.
5. STRINGERS ARE LAP-JOINTED IN CENTER RUNS, BUTT-JOINTED ON OUTSIDE RUNS.
6. MAXIMUM STRINGER SPACING IS 24" O.C..
7. ALL HARDWARE AND FASTENERS ARE HOT-DIPPED GALVANIZED UNLESS NOTED OTHERWISE.
8. SIMPSON HARDWARE IS FASTENED WITH #8X2.5" COMMON NAILS.
9. SIMPSON HARDWARE PLACED ON INSIDE OF ALL STRINGERS AND CAPS TO BE UNSEEN.
10. DECK EDGE ROUTERED AFTER INSTALLATION WITH A 1/2" ROUND-OVER.

TYPICAL LUMBER TREATMENTS:

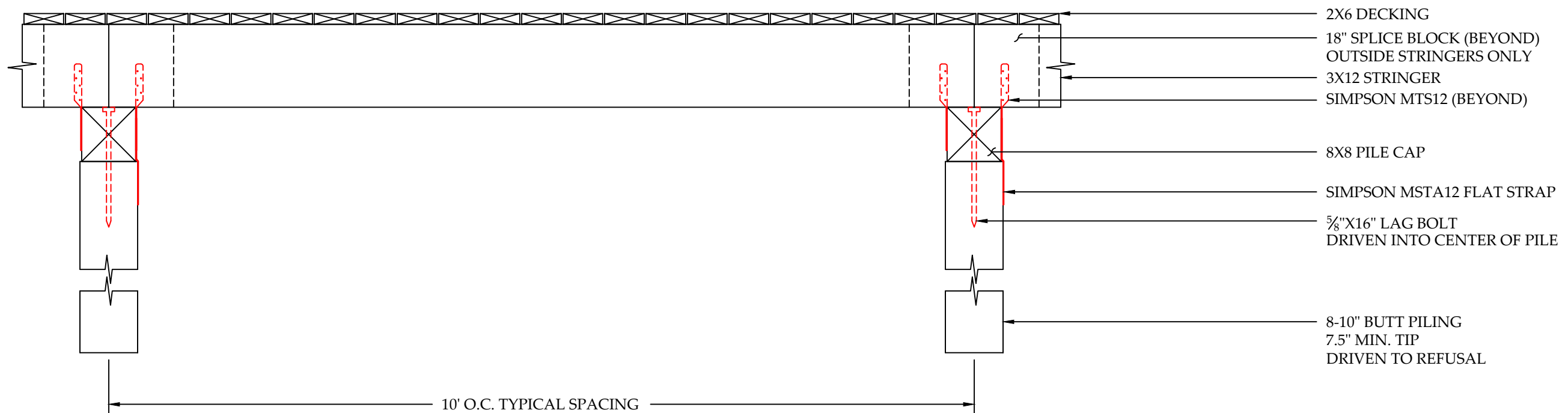
PILING -	.80 CCA (FRESHWATER/GROUND CONTACT)
	2.5 CCA (SALT-WATER CONTACT)
PILE CAP -	.60 CCA
STRINGERS -	.60 CCA
DECKING -	.25 ACQ OR EQUAL (MCA, MCQ, OR C-A)



223 BLACK CREEK BLVD.
FREEPORT, FL
PHONE: (850) 835-1304
FAX: (850) 880-6327
WWW.BACKWOODSBRIDGES.COM

8' Wide Top Down Boardwalk

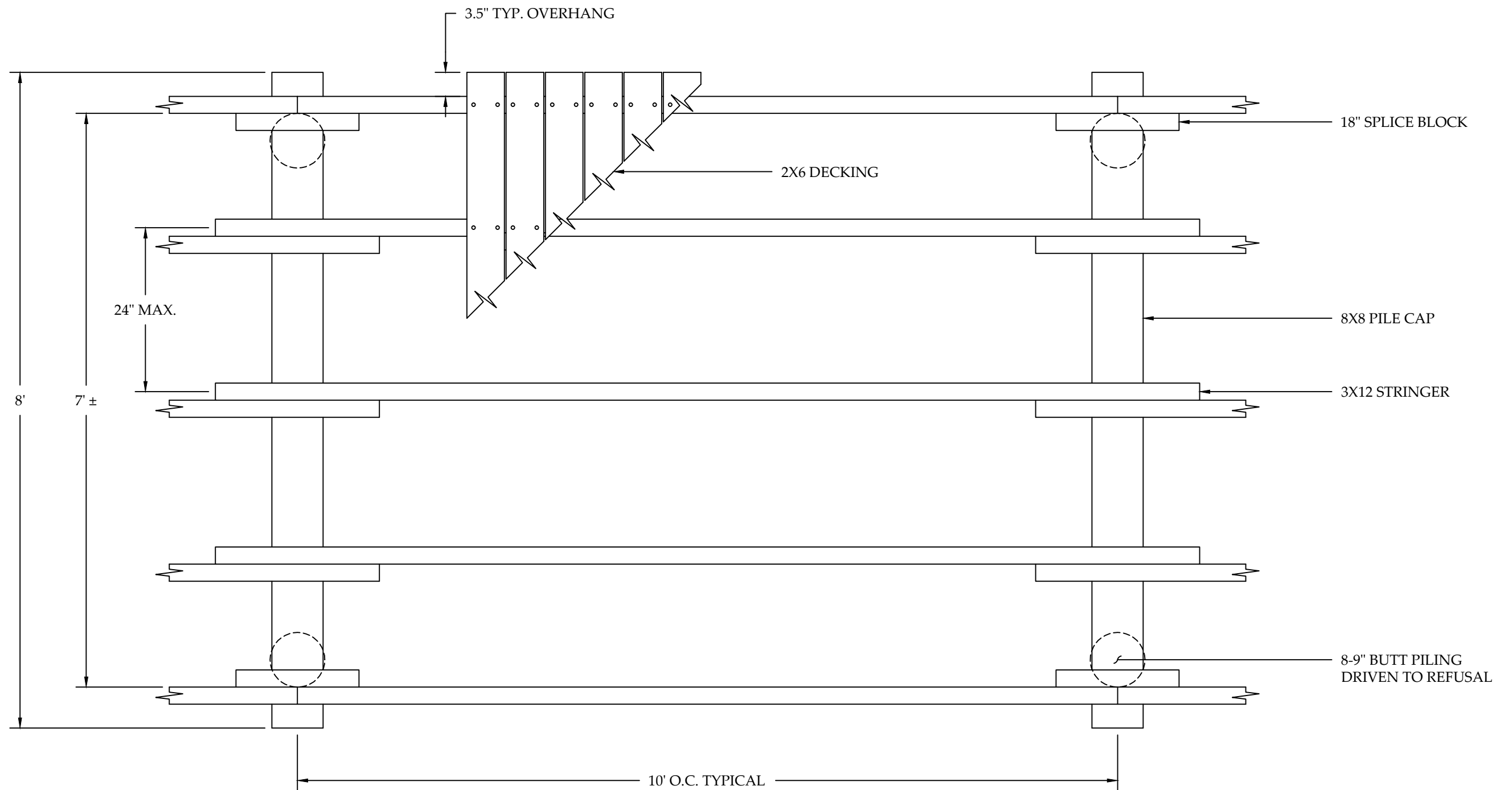
PROJECT: 8' Wide Top Down	SCALE: 1"=1'
LOCATION:	DATE: 2.25.2013
CLIENT:	VIEW: Section



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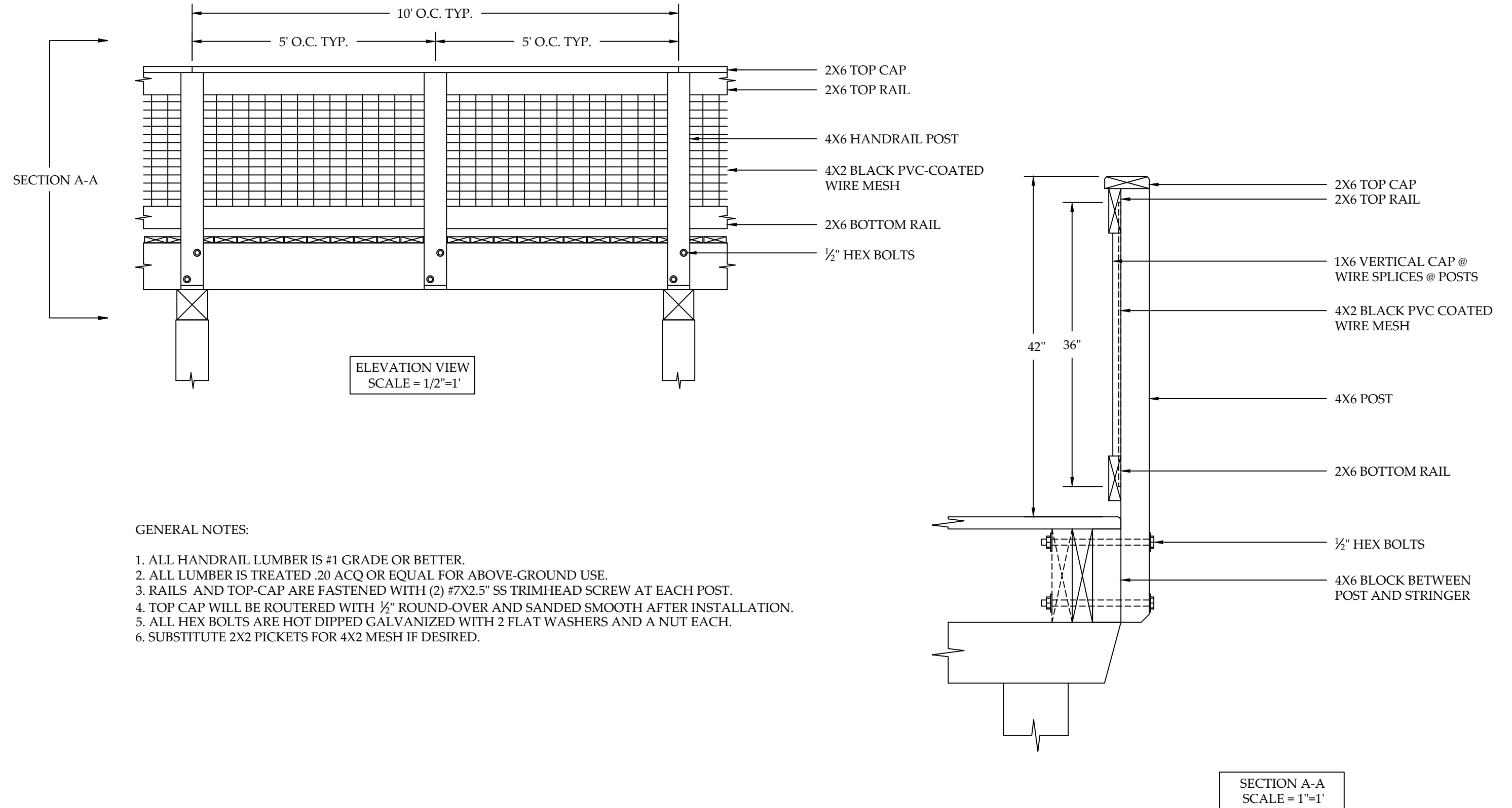
PROJECT: 8' Wide Top Down	SCALE: 3/4"=1'	
LOCATION:	DATE: 2.25.2013	
CLIENT:	VIEW: Elevation	



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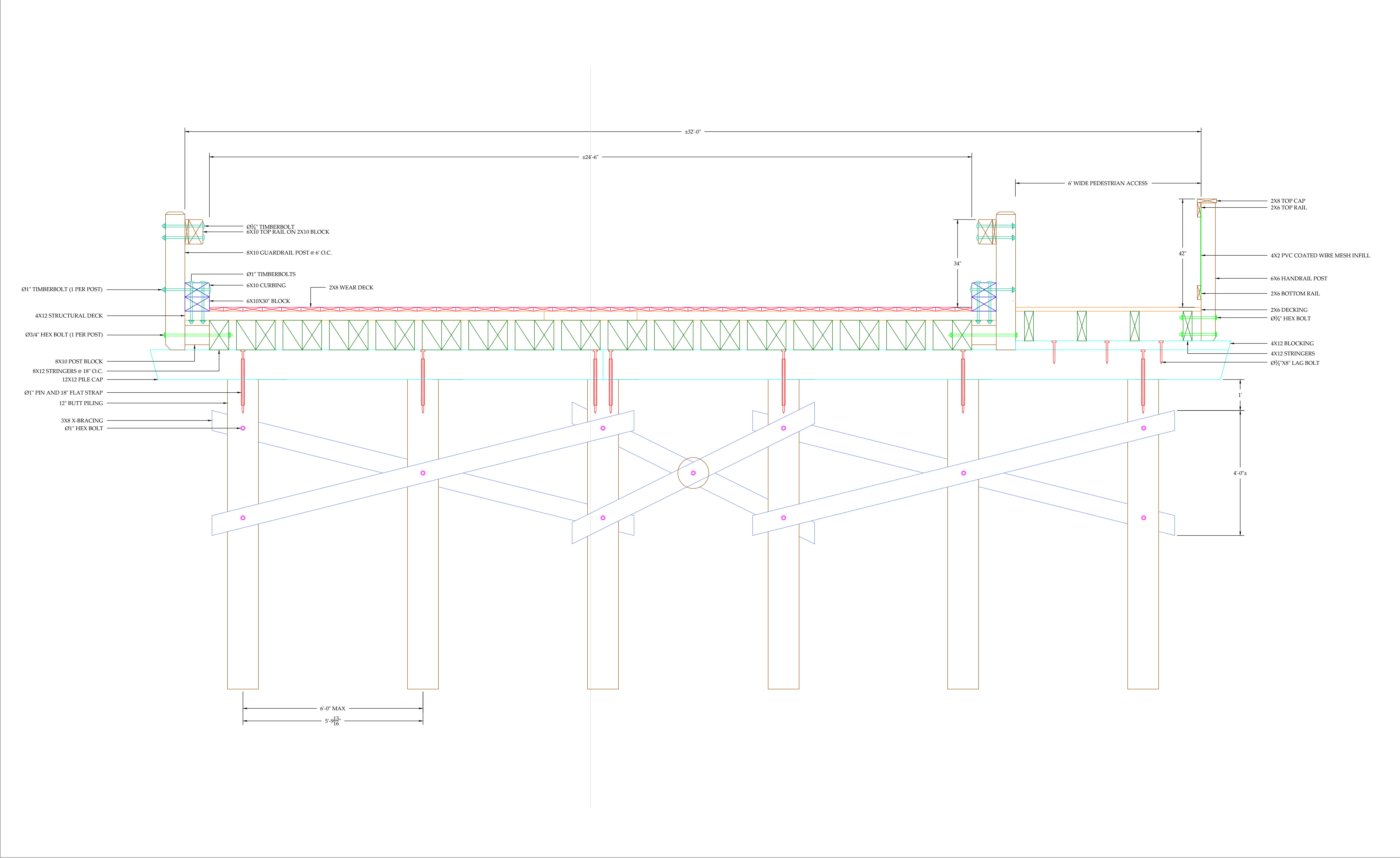
PROJECT: 8' Wide Top Down	SCALE: 3/4"=1'	
LOCATION:	DATE: 2.25.2013	
CLIENT:	VIEW: Plan	



15787 HWY 331 BUSINESS
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HANDRAIL DETAILS

PROJECT: HANDRAIL DETAILS	SCALE: VARIES	
LOCATION:	DATE: 4 OCT 2010	
CLIENT:	VIEW: VARIES	



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Timber Vehicular Bridge

PROJECT: Ridgewalk

LOCATION: Santa Rosa Beach, FL

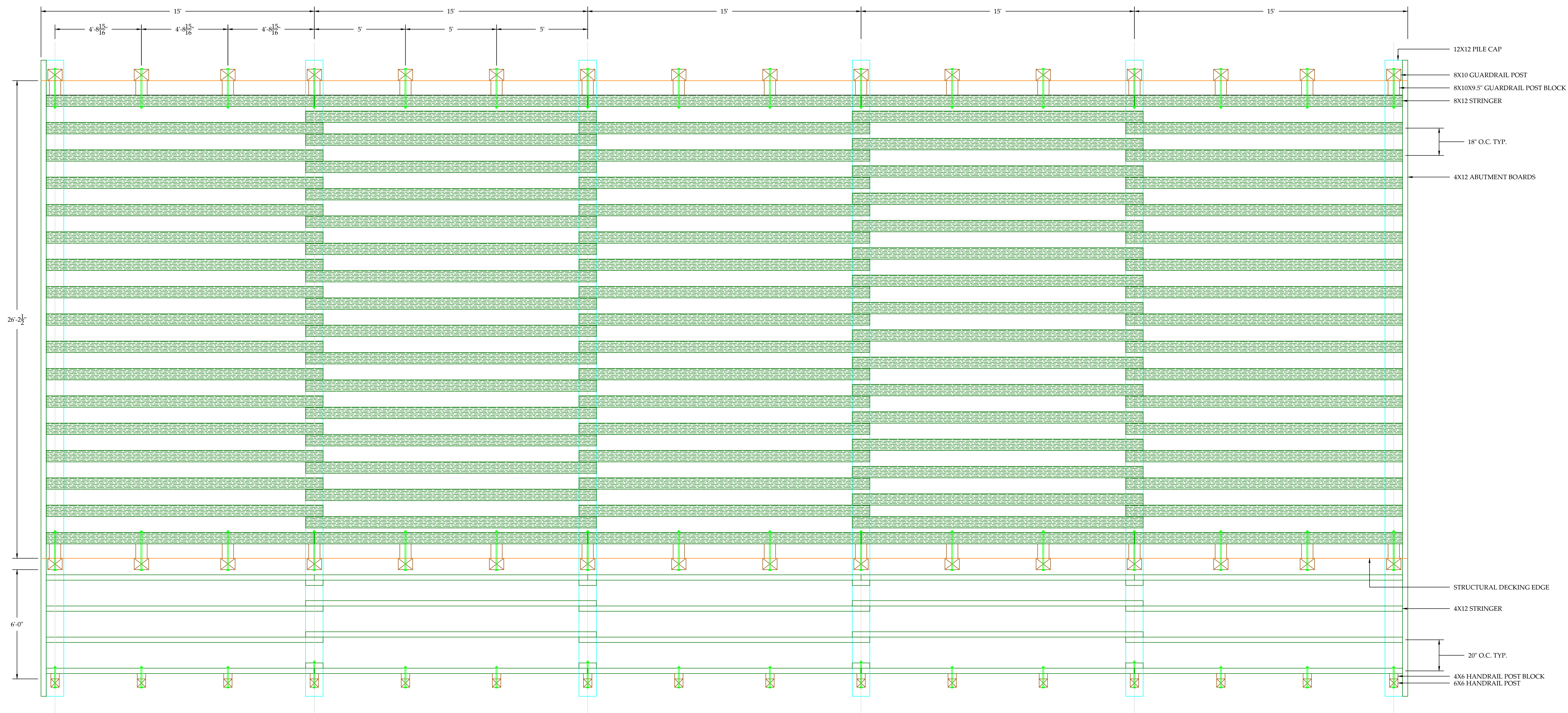
CLIENT:

SCALE: 3/4" = 1'

ORIG.:

REV. 1:

REV. 2:



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Timber Vehicular Bridge

PROJECT: Ridgewalk

LOCATION: Santa Rosa Beach, FL

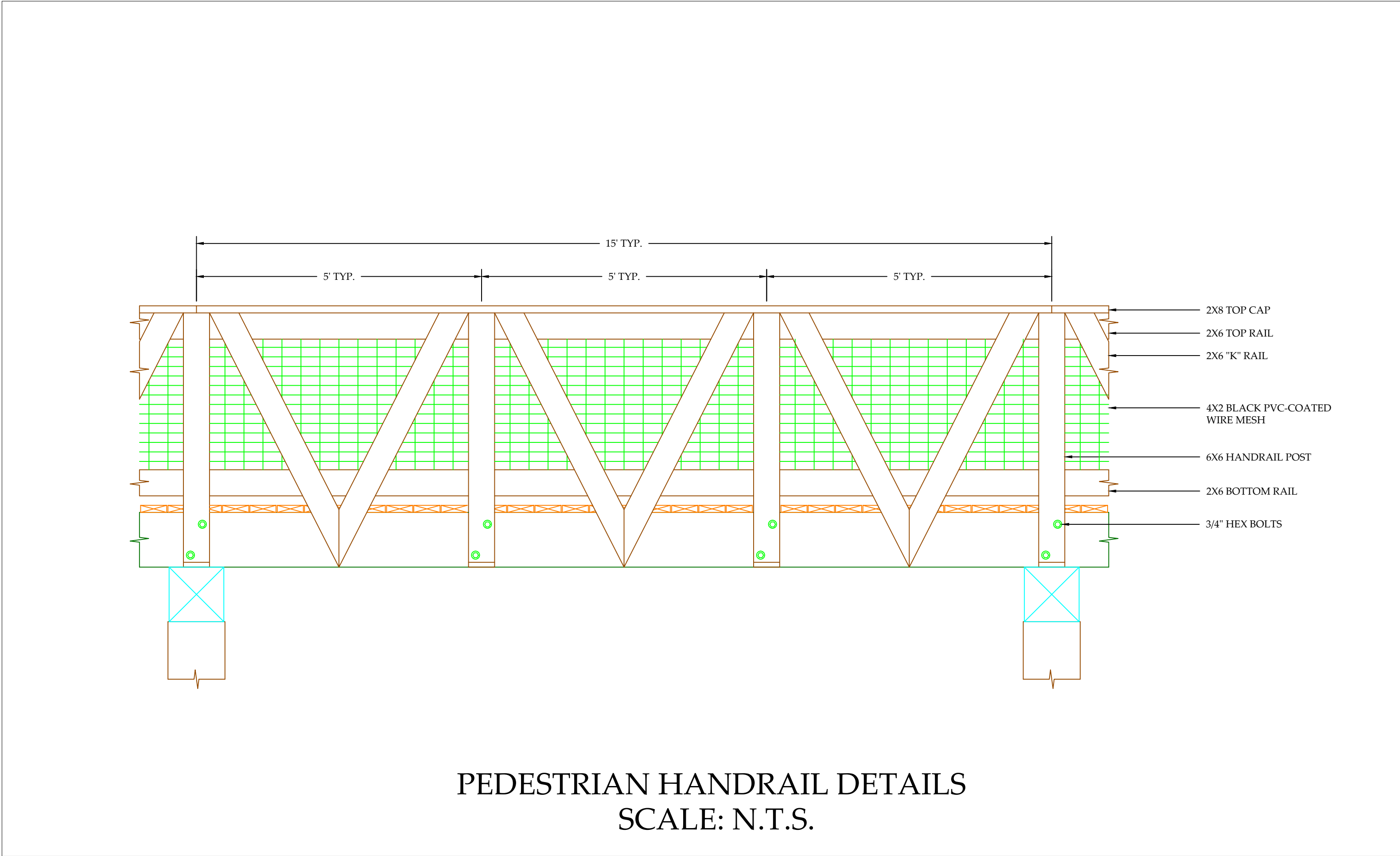
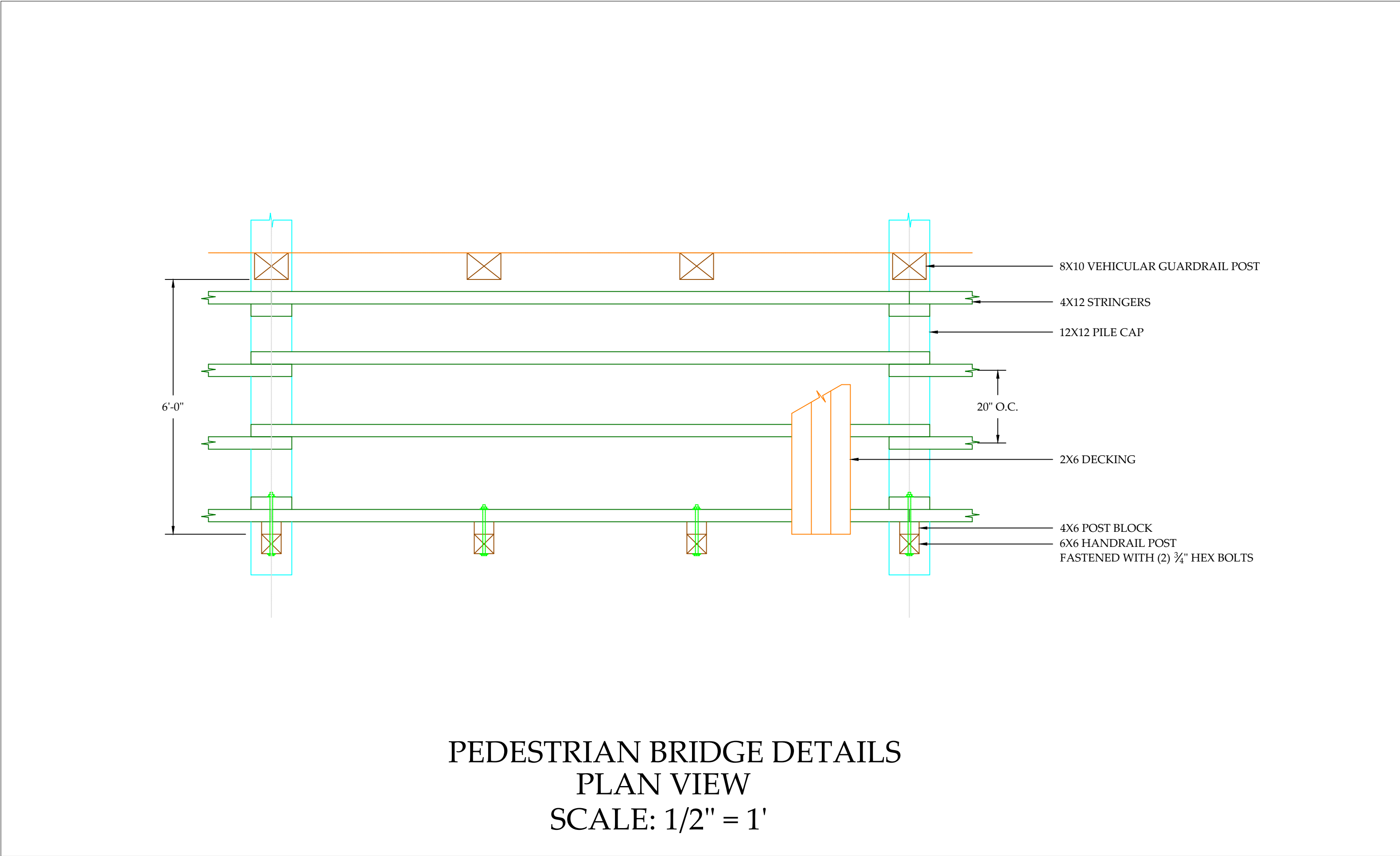
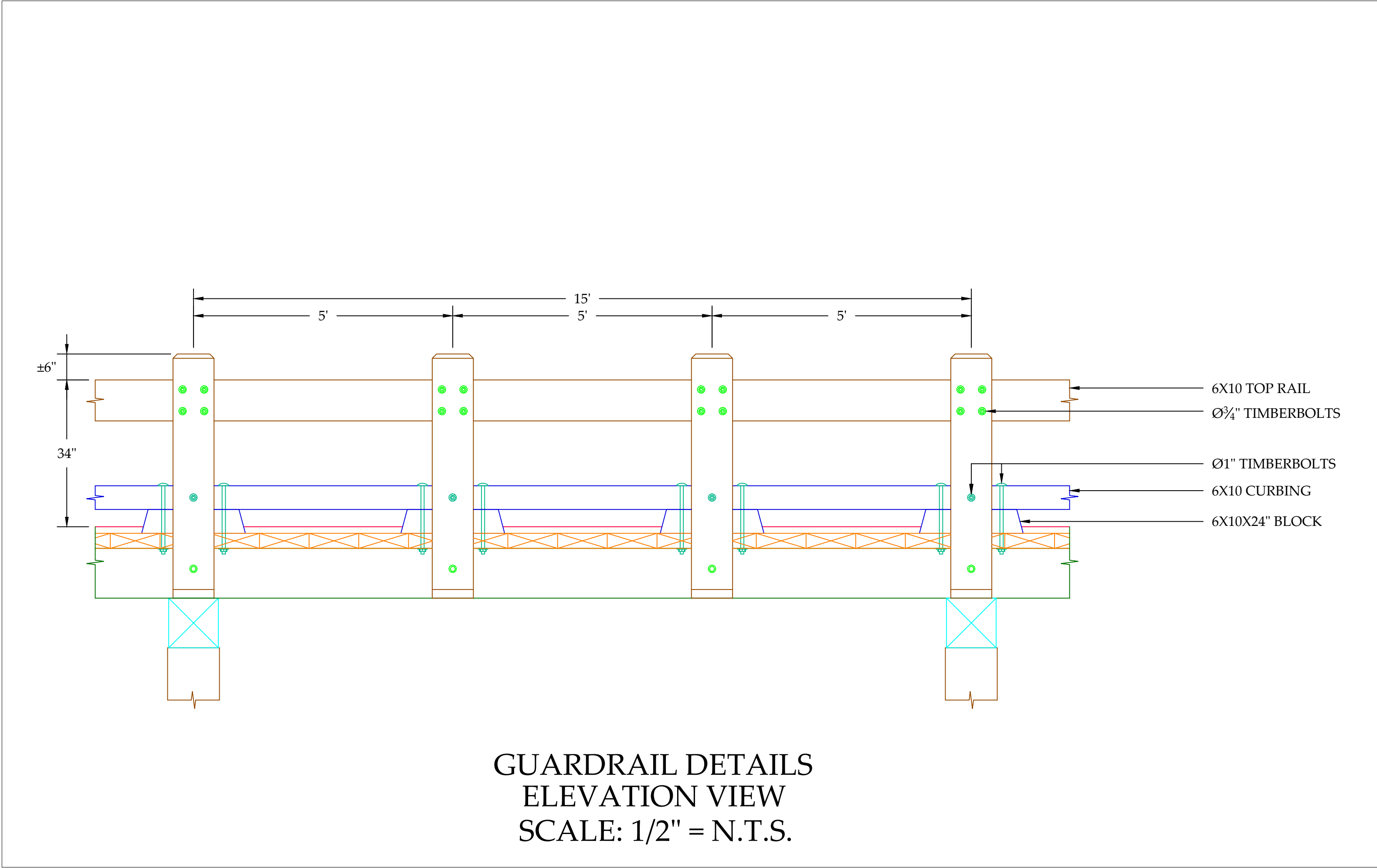
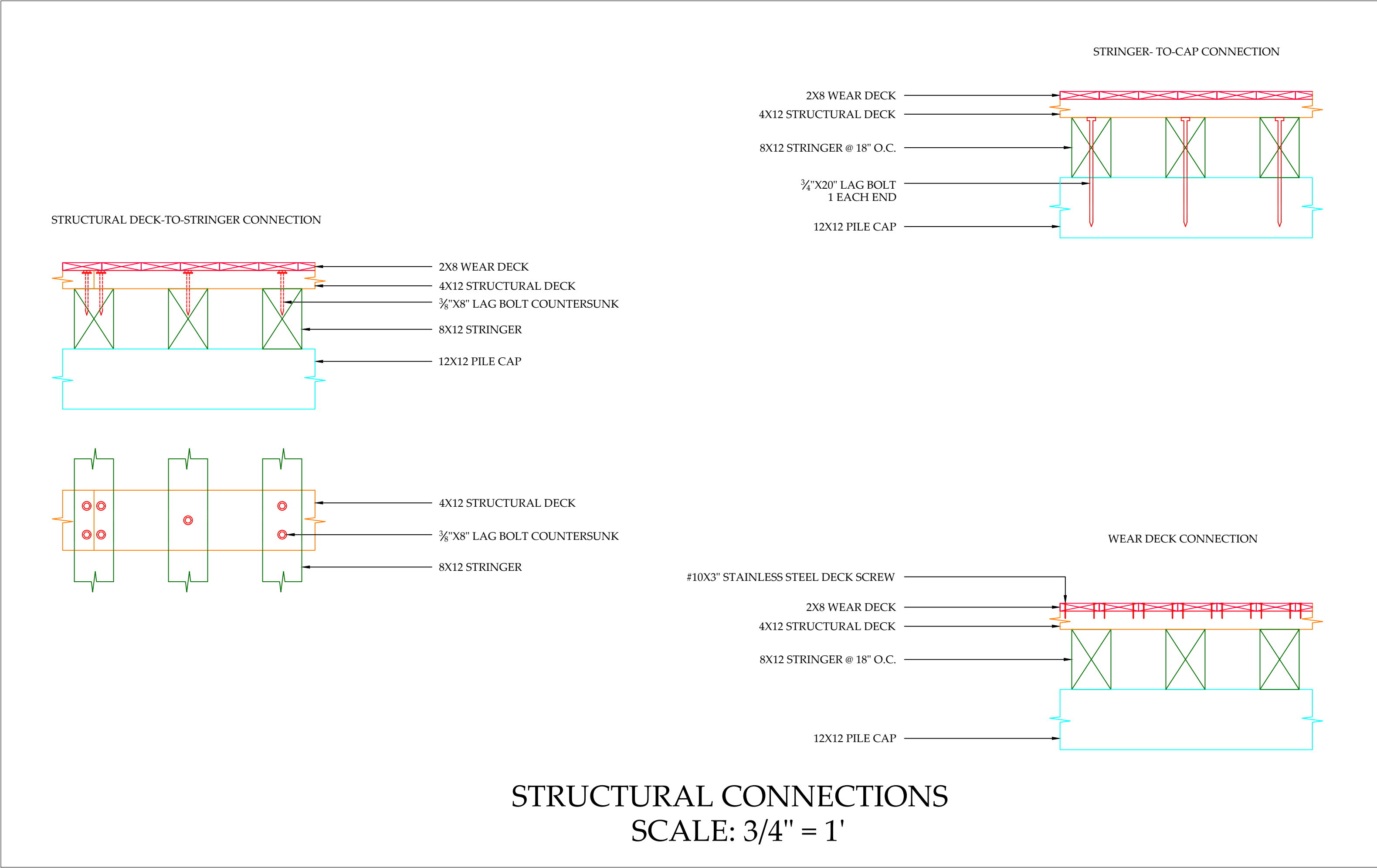
CLIENT:

SCALE: 3/8" = 1'

ORIG.:

REV. 1:

REV. 2:



REFERENCES



Owner: McNeel Farms, LLC
Pedestrian Lake Bridge
Contact: Mr. Joe McNeel, Owner
Phone: (251) 605-7489
Email: joewmcneel@gmail.com

Project Completion: December 2015



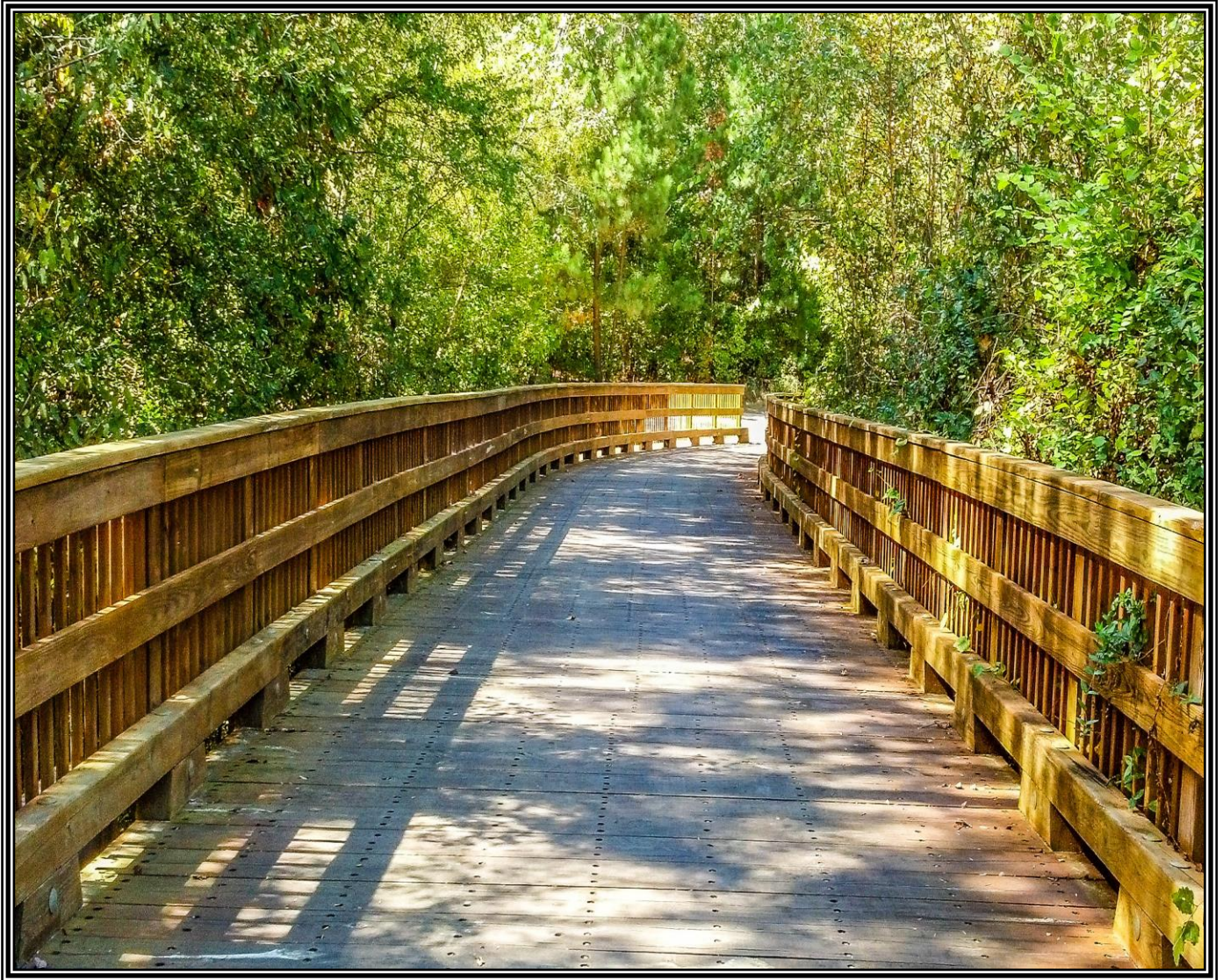
Owner: Ridgewalk Development, LLC
Timber Vehicular Bridge
Contact: Mr. Matt Parker, Partner
Phone: (850) 685-0296
Email: parker@jpengfl.com

Project Completion: July 2015



Owner: Walt Disney Imagineering
Polynesian Resort
Contact: Ms. Amy Kennedy, Project Manager
Balfour Beatty Construction (General Contractor)
Phone: (407) 560-8370
Email: akennedy@balfourbeattyus.com

Project Completion: March 2015



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