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November 8, 2024

ADDENDUM #2

North Carolina Aquariums
Jennette's Pier Decking Repair and Replacement
SCO ID# 22-25352-01A

This addendum forms a part of the contract documents and modifies the original drawings and project manual dated October 20, 2024. The enclosed additions, deletions, corrections, and changes shall be as binding as if incorporated in the original documents. All General Conditions, Special Conditions, etc. as originally specified shall apply to these items. Acknowledgement of receipt of this addendum will be required as part of the contract agreement.

Item 1 The bid date, time and location time will remain the same Sealed proposals will be received until 3:00 PM on Tuesday, November 19, 2024, by James Mancari, Division Project Manager, North Carolina Aquariums, in the Oceanview Hall at Jennette's Pier, 7223 S. Virginia Dare Trail, Nags Head, NC 27956 at which time and place bids will be opened and publicly read.

Item 2 Drawings – Sheet S1.0

General Notes, under the "Design Loads" section, the following Live Load requirement shall be added: AASHTO H-5 traffic loading"

Item 3 The following is a list of questions and BMH responses that will be incorporated into the project:

Item #3.1 – Vendor

- We spoke with the vendor, and he told us that they would be providing a package, precut and pre-drilled. Is this to be an allowance item where the owner/vendor is at risk as we do not have control over the product takeoffs or cut lists?

Response: The vendor has the drawings and dimensions of needed product. Any discrepancies in the takeoffs would be between the contractor and the vendor.

Item #3.2 - Bath House

- Is the use of 2.5" thick FRP decking a miss print or typo as the existing decking is 1.5" thick at bathhouse? This causes a 1" problem where the decking meets the concrete at the entrance doors.

Response: The decking at the bath house will be 1.8" thick x 10.25" wide decking planks. Some adjustments will be necessary with new decking and the (2) existing door thresholds.

- What type of edge treatment/edge band do you want to see around the perimeter to hide the exposed edge of the FRP decking?

Response: The existing trim that covers the existing decking edges will be replaced as shown on **BULLETIN 001 - ATTACHEMENT #1.**

- If we are using 2.5" FRP are we supposed cut and bill for raising the height of the building trim or is this covered in the allowance of 200LF?

Response: See previous response stating we will use 1.8" thick decking at the bath house.

- Is the vendor planning on measuring where the breaks will be and providing a precut package the same as for the pier or are we supposed to cut to fit?

Response: There are requirements for shop drawings in the specifications. The vendor will field verify and produce detailed shop drawings to verify and illustrate installation intent. Contractor to confirm with vendor shop drawing responsibilities and coordinate existing site parameters.

- Do we need to add blocking or double joists at the joints so the screws will have enough material to attach to?

Response: Maximize lengths to reduce splice locations. Blocking will be added at decking splice locations across floor framing. See **BULLETIN 002 - ATTACHEMENT #2** for blocking placement and screw spacing.

- Do we need to add blocking along the building perimeter to help with screw attachment?

Response: There are currently (2) 2x's at the building perimeter edge of the bath house. Provide more blocking if needed.
BULLETIN 002 - ATTACHEMENT #2

- Is the ramp to the beach that is not shown on the plans part of this contract? This is the part that is covered by sand and also the part that has the matt on it

Response: The ramp to the beach at the bath house is not included. The ADA ramp and landings from the parking to the bath house deck is included in the project.

- How are the bench supposed to be attached to the new decking at the bathhouse? can you provide a detail?

Response: The existing bench is currently toenailed into the existing decking. It will be removed by contractor and reinstalled by contractor with 316 stainless steel screws in same toenail location.

Item #3.3 - Main pier

- Some drawings show the FRP support beam as hollow, and some show a solid member. A hollow member would preclude the countersunk attachment as shown on the plans and existing in the field. Can the old bolts be removed or are they permanent in the concrete?

Response: The support beam / ledger will be a custom hollow tube shape. It is 3 1/4" x 4" x 5/8" vinyl ester.

- If we get into this project and these bolts threaded cannot be used or removed the owner should pay the cost as this is an unforeseen condition that we have no control over.

Response: At this time, we assume that all bolts that will secure the beam / ledger in the previous response, are still functioning and can be reused.

- How are the benches not at the shade pavilion to be attached to the fiberglass decking there are approximately 70 benches 6' long. The shade pavilion area benches that run lengthwise with the pier will work with your detail but the pumphouse is not turned the same way.

Response: The seventy benches out on the pier will be removed by the owner and then reinstalled by the owner once the new decking is complete.

- What do we do with the various gates, hollow metal door, lattice, etc. that are constructed on top of the existing decking. Do we remove and reinstall these items, are they to be reinstalled with new material to match existing.

Response: See **BULLETIN 003 - ATTACHEMENT #3** for details at the southern stair area showing where the existing decking stays and the new decking is installed.

- How do we attach the decking or remove the existing decking in areas where walls are on top of decking (obviously the wall cannot be moved) such as at the pavilions and along the main pier house extend out over the existing decking.

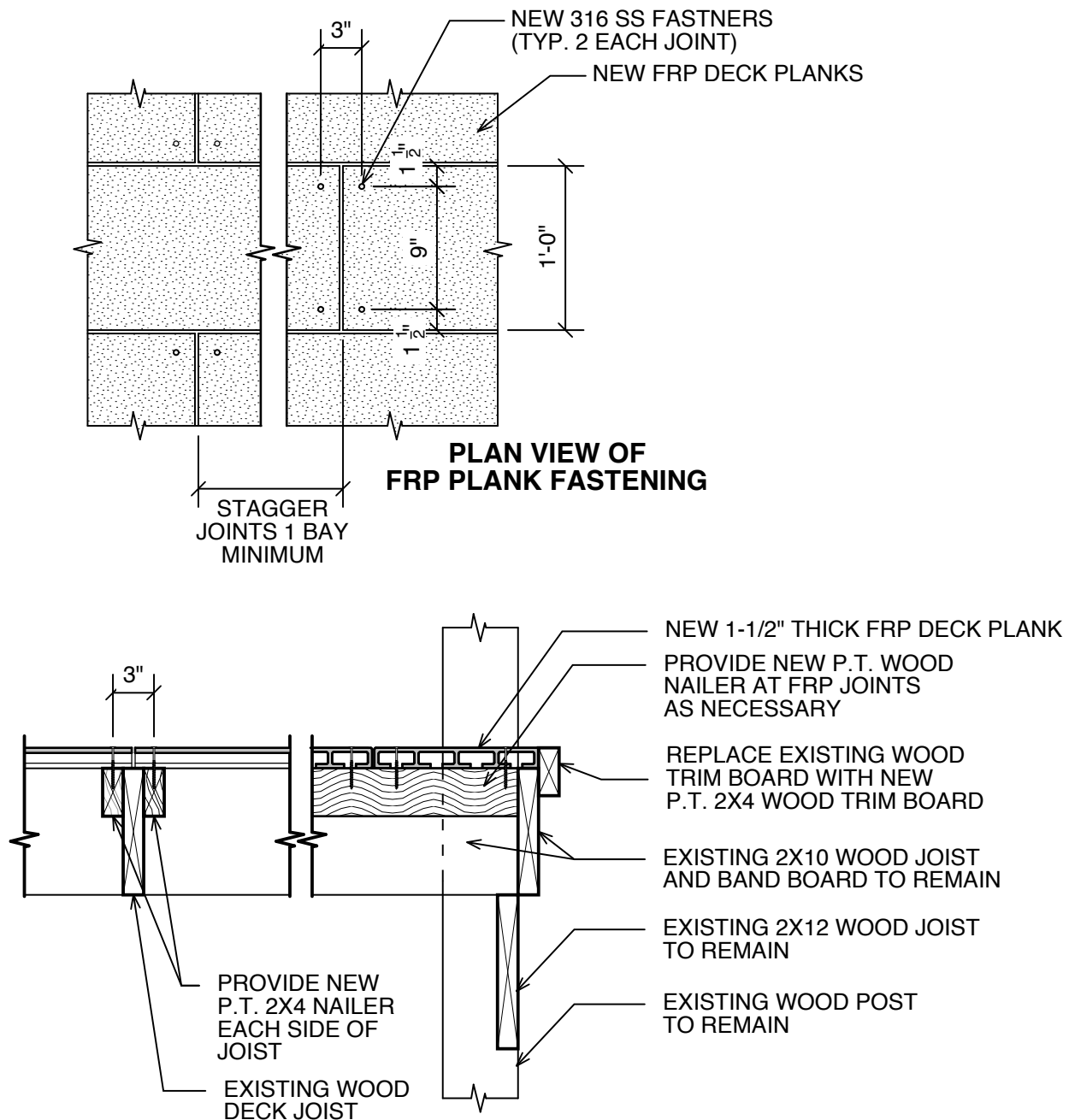
Response: See **BULLETIN 004 - ATTACHEMENT #4** that replaces the illustrated portion of detail 1/A3.1 for decking bearing connection at the two pavilions out on the pier. There are existing bearing connections at the pump house that is on the ocean end of pier.

- Please explain how we do the change from 3" to 2.5" decking at the four wood framed corners at the expanded portions of the pier.

Response: We will answer this question in **Addendum #3**.

Prepared by:

George C. Hemingway III (Chip), AIA, LEED-AP
Bowman Murray Hemingway Architects



5 **FRP Deck Plank at Bath House Deck**

A3.2 scale: 1" = 1'-0'

[NEW DETAIL ADDED TO SHEET A3.2]



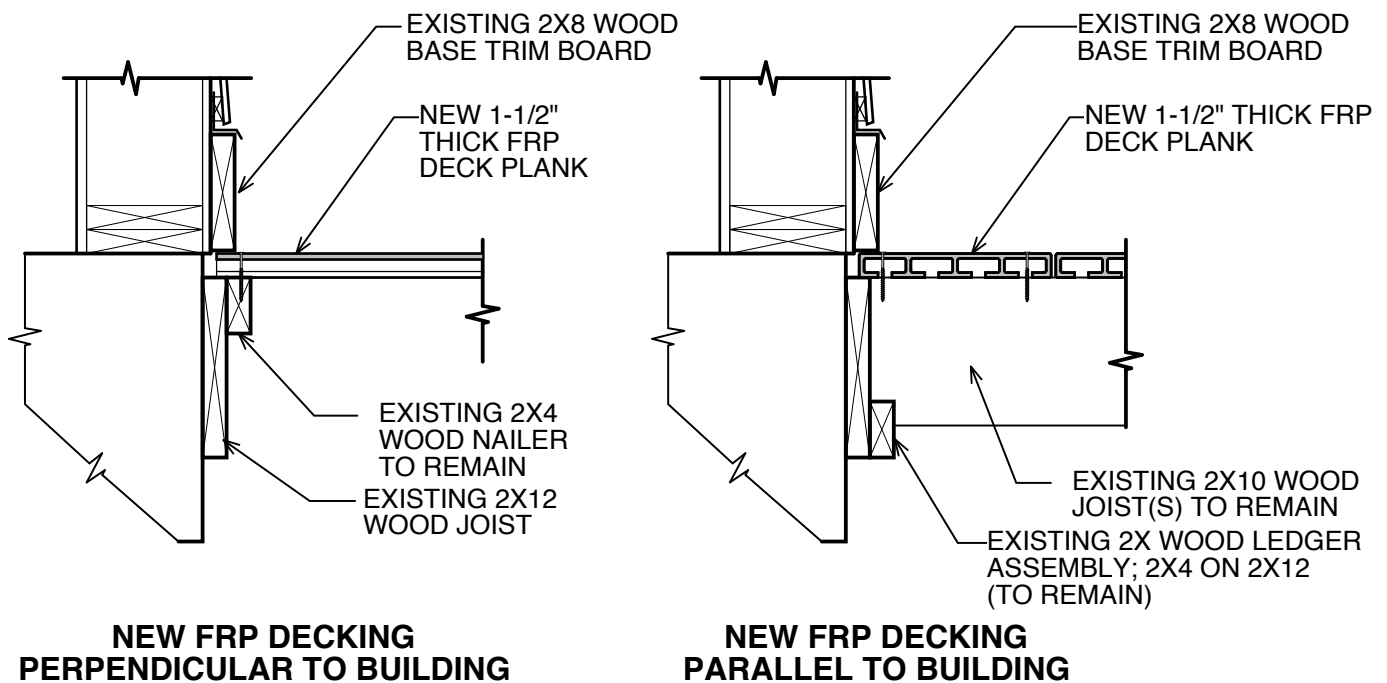
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Addendum #02

North Carolina Aquariums
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Nags head, North Carolina

SCO #22-25352-01A

BULLETIN/SHEET #: **BD-001**SHEET REF.: **A3.2**DATE: **11.07.24**CHECKED BY: **GCW**DRAWN BY: **AJT**



6
A3.2

FRP Deck Plank Adjacent Building

scale: 1" = 1'-0' (TYPICAL FOR PUMPHOUSE & BATH HOUSE)
(SIMILAR AT PIER HOUSE)

[NEW DETAIL ADDED TO SHEET A3.2]



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Addendum #02

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BULLETIN/SHEET #: **BD-002**

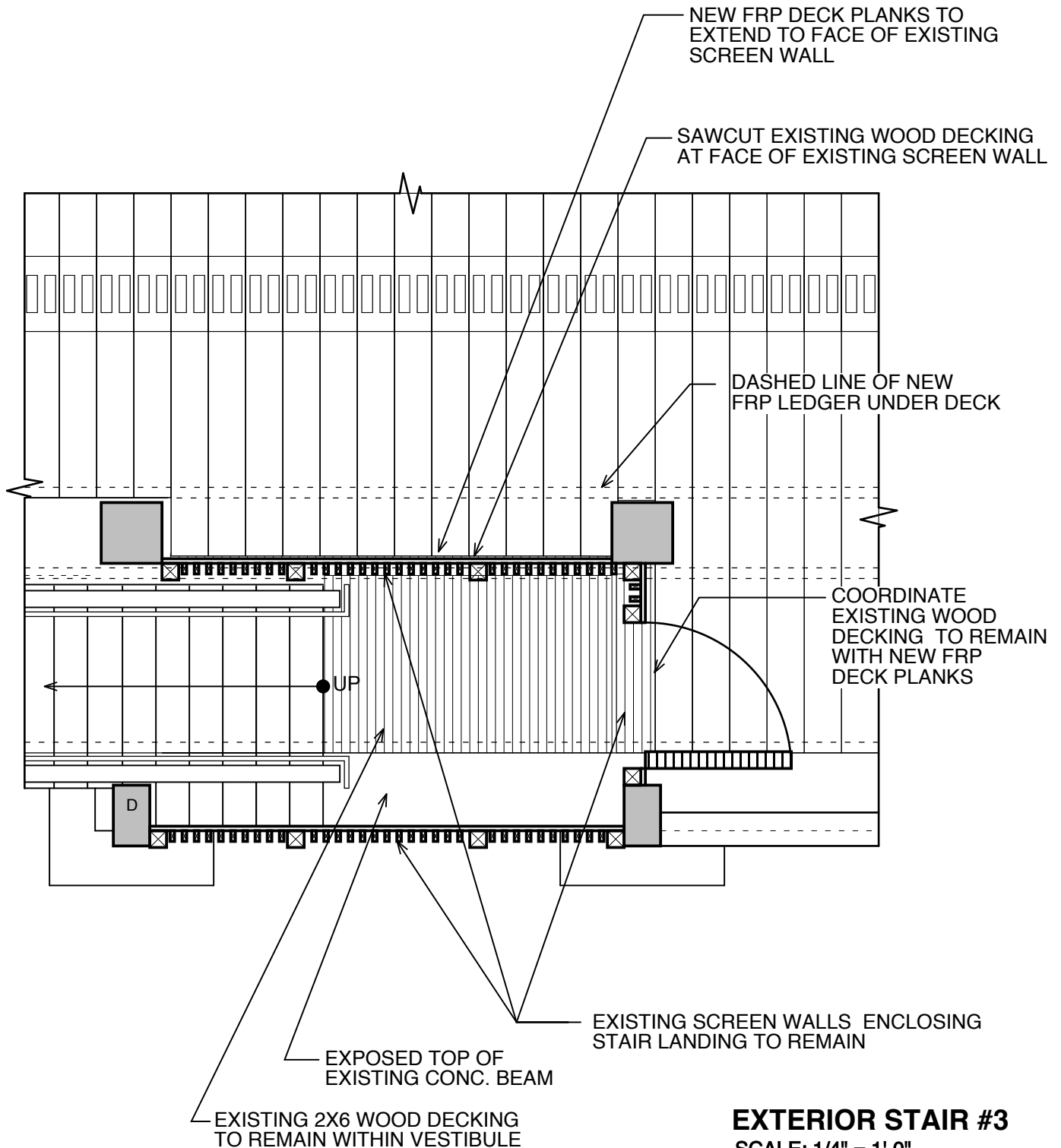
SHEET REF.: **A3.2**

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ATTACHMENT #3



EXTERIOR STAIR #3

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



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BULLETIN/SHEET #: **BD-003**

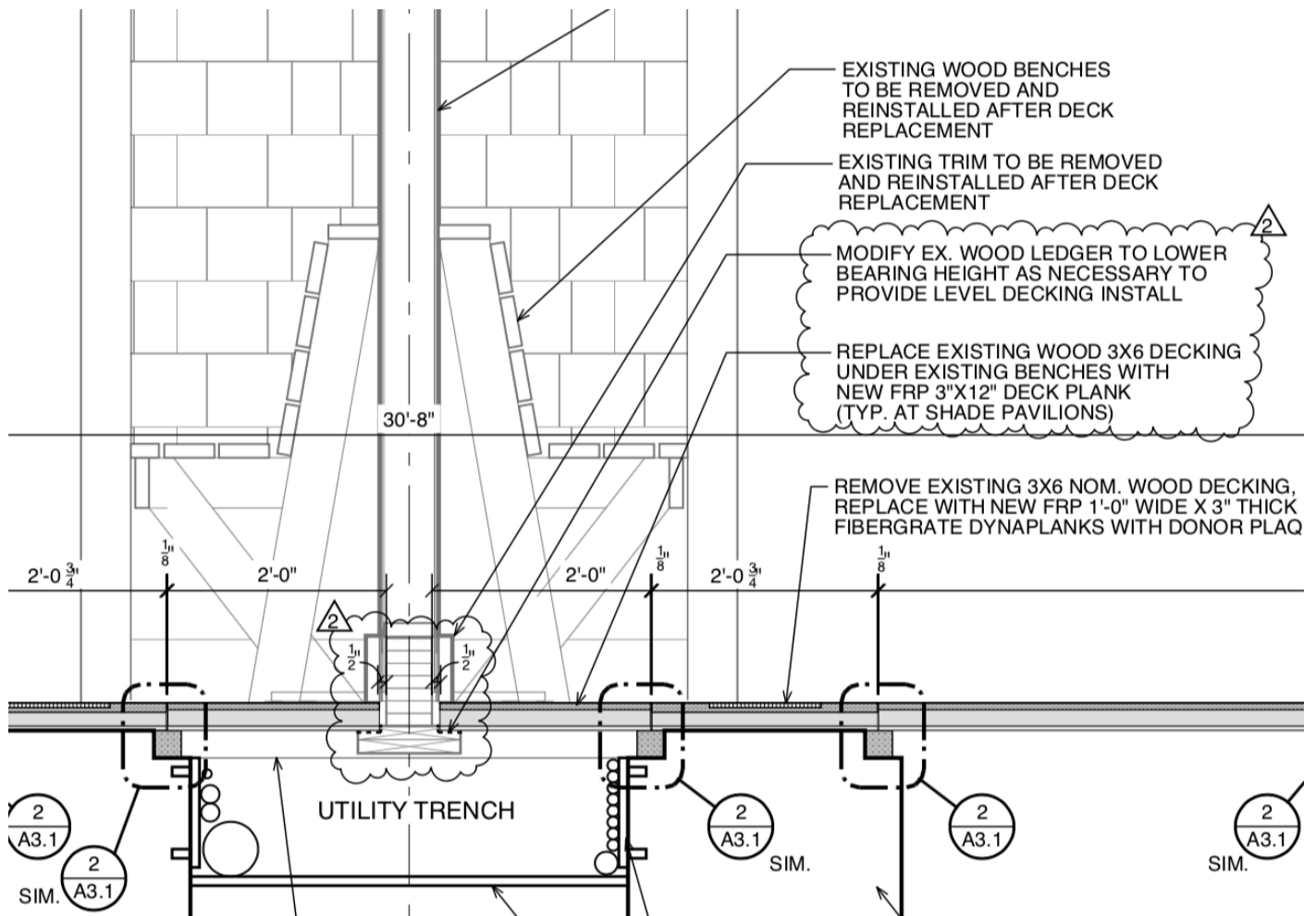
SHEET REF.: **1/A2.1**

DATE: **11.07.24**

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DRAWN BY: **AJT**

ATTACHMENT #4



TYPICAL SHADE PAVILION
(IMAGE IS NOT TO SCALE)



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BULLETIN/SHEET #: **BD-004**

SHEET REF.: **#1/A3.1**

DATE: **11.07.24**

CHECKED BY: **GCW**

DRAWN BY: **AJT**