

DAVIDSON BARN



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Preliminary 11-14-21



Coqui Engineering, LLC

19935 NW 94 Avenue
Alachua, FL 32615
786.514.1378

Responsible Charge: **David Rivera, PE**
FL Professional Engineer No. **33886**

Date: **Nov 14 2021**

Client: **Elizabeth Davidson,**

Project: **Davidson Barn**

Sheet Contents:

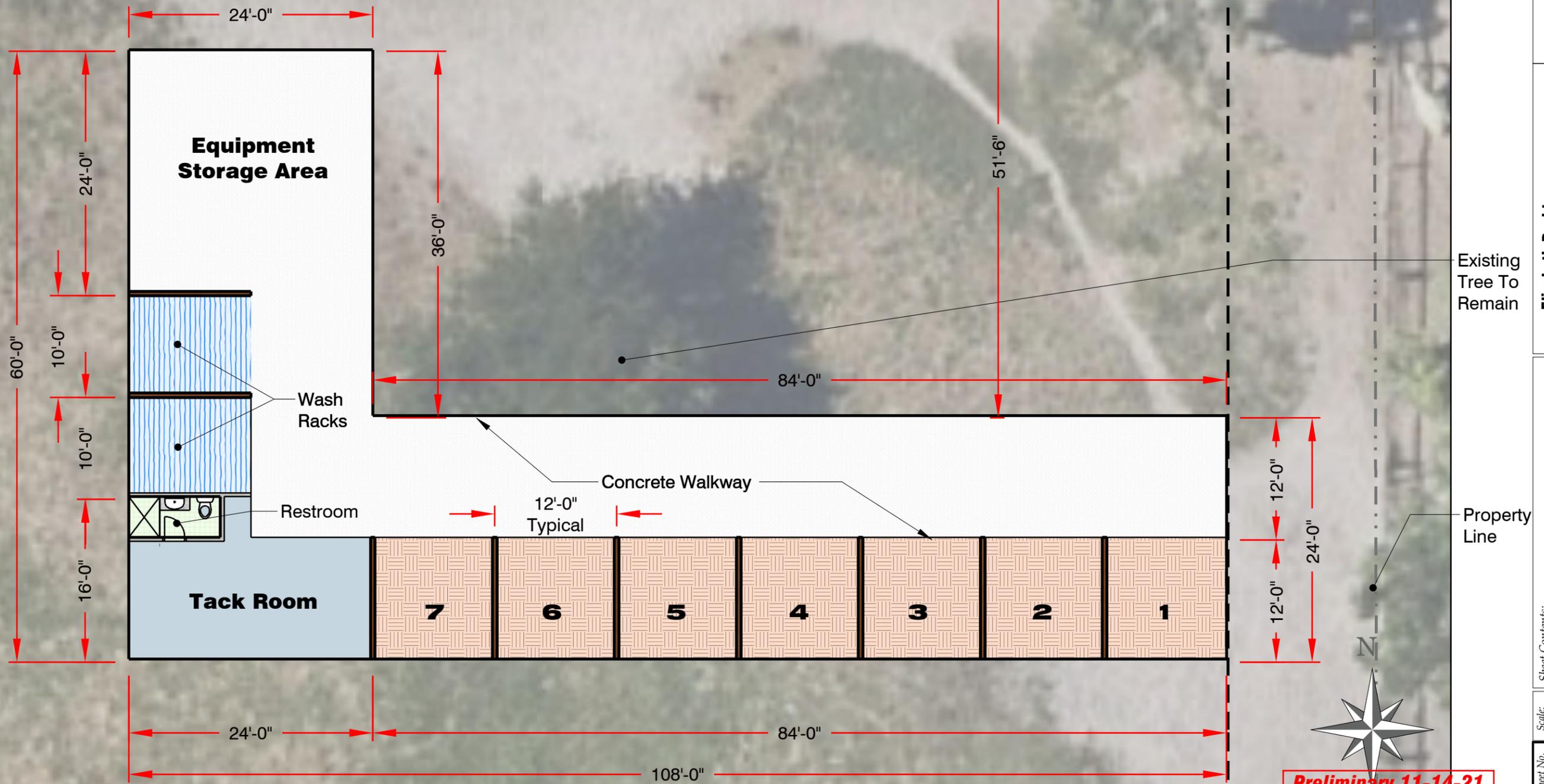
Key Sheet

Scale: **NTS**
11"x17" Sheet

Sheet No.

1

Parcel 2



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Date: **Nov 14 2021**

Client: **Elizabeth Davidson,**
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Site Plan

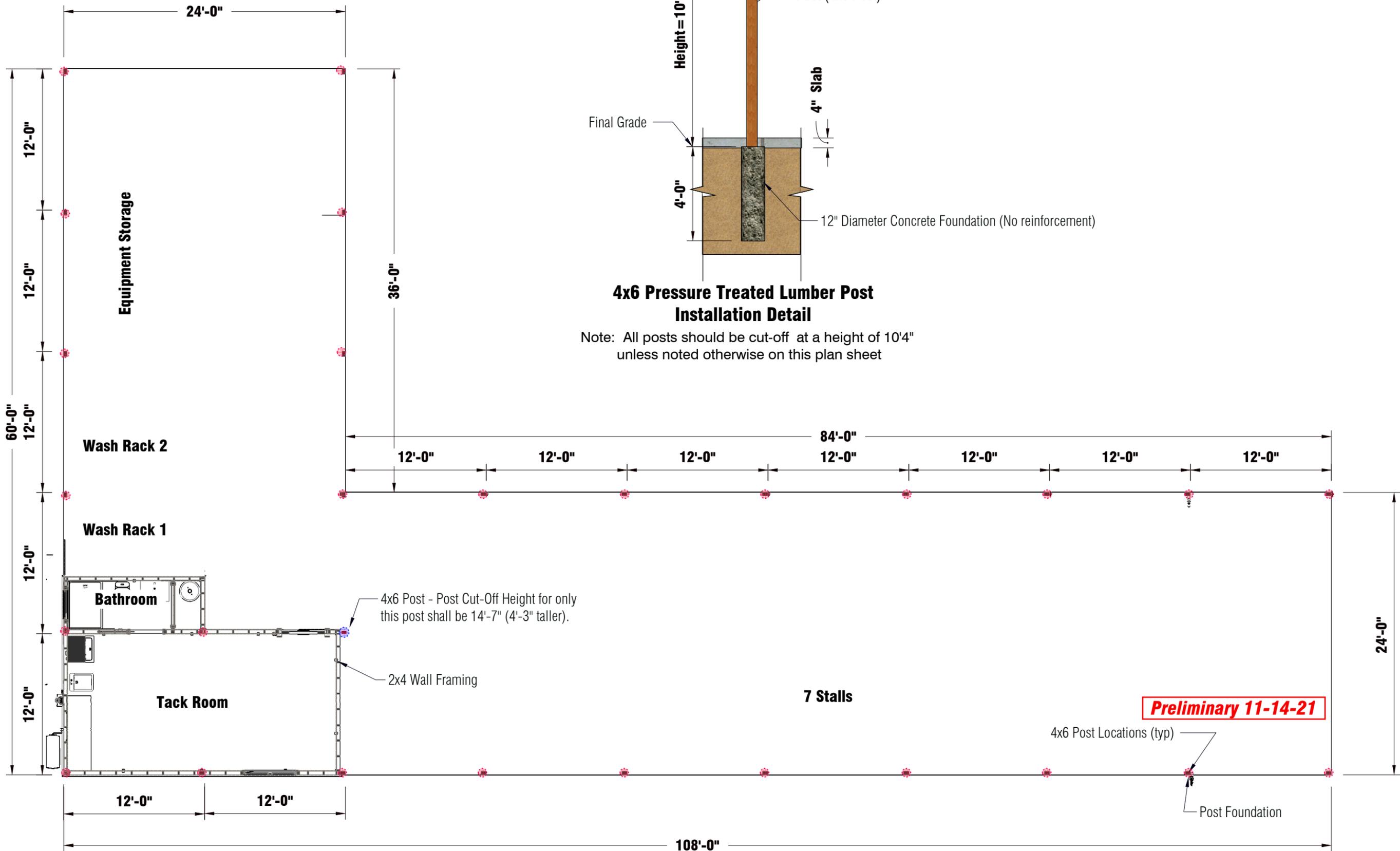
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Scale: 3/32" = 1'-0"
11" x 17" Sheet

Sheet No. **2**



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Responsible Charge: **David Rivera, PE**
 FL Professional Engineer No. 33886
 Date: **Nov 14 2021**

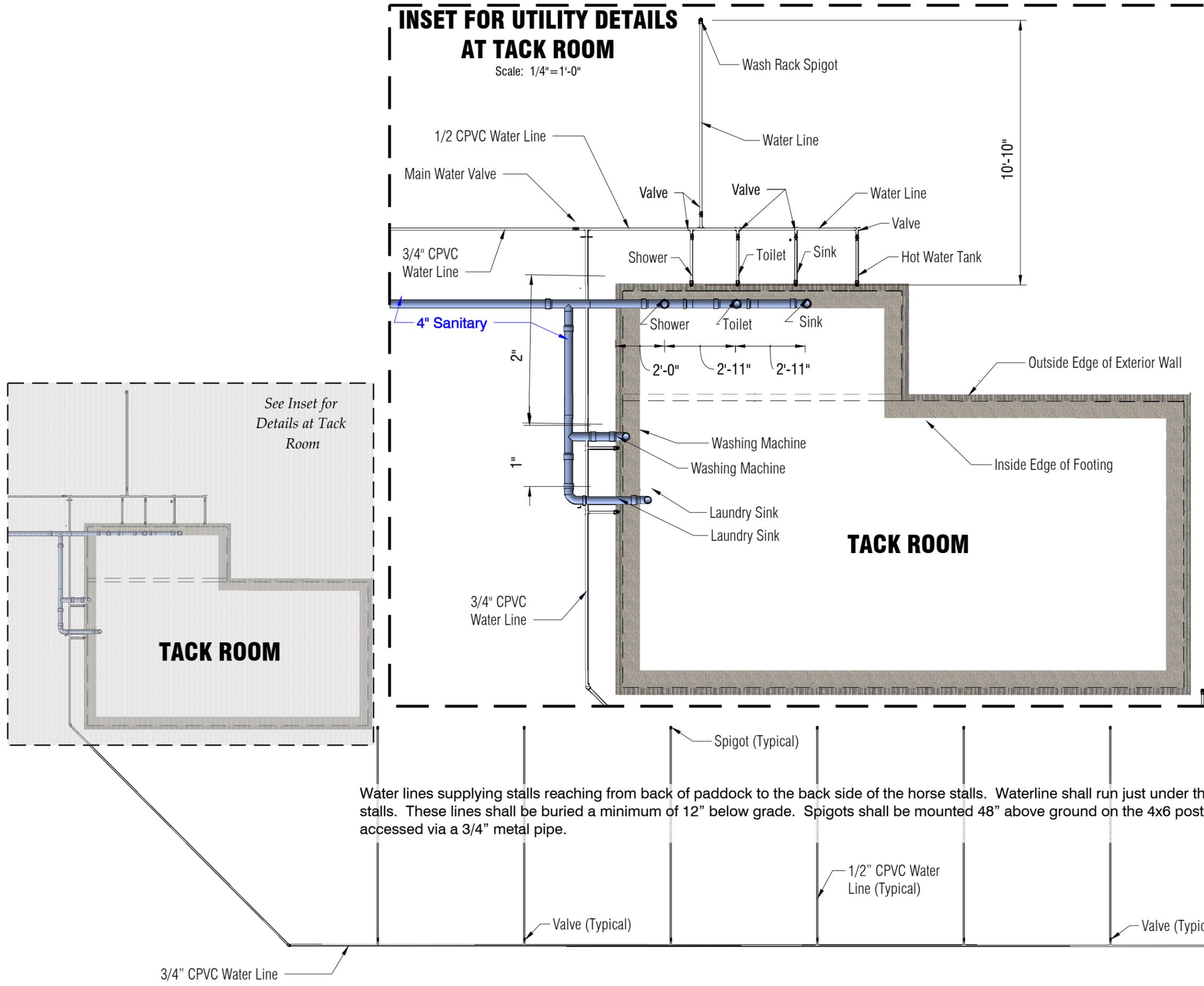
Client: **Elizabeth Davidson, Davidson Barn**

Sheet Contents:
Post/Slab Layout

Scale: 1/8" = 1'-0"
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Sheet No. **3**

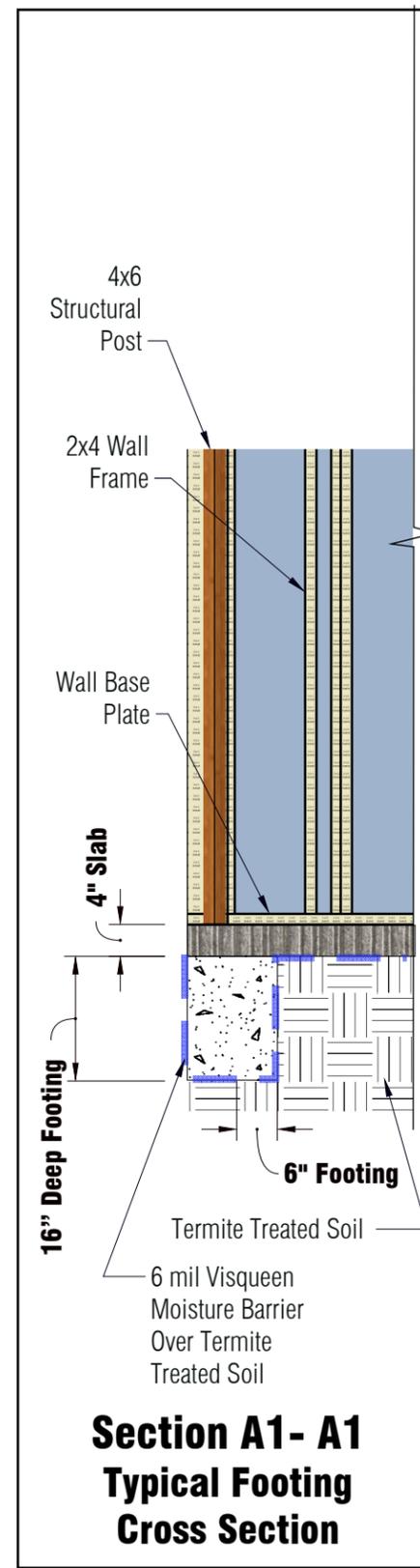
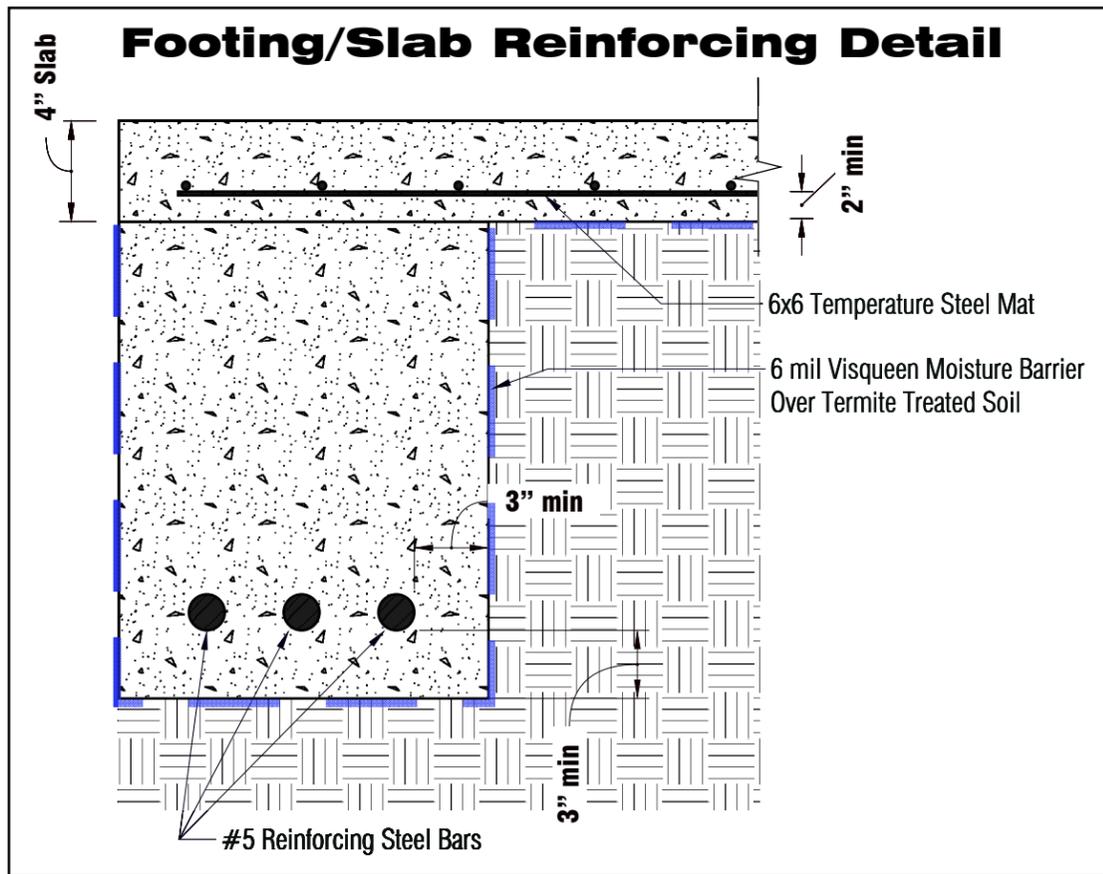
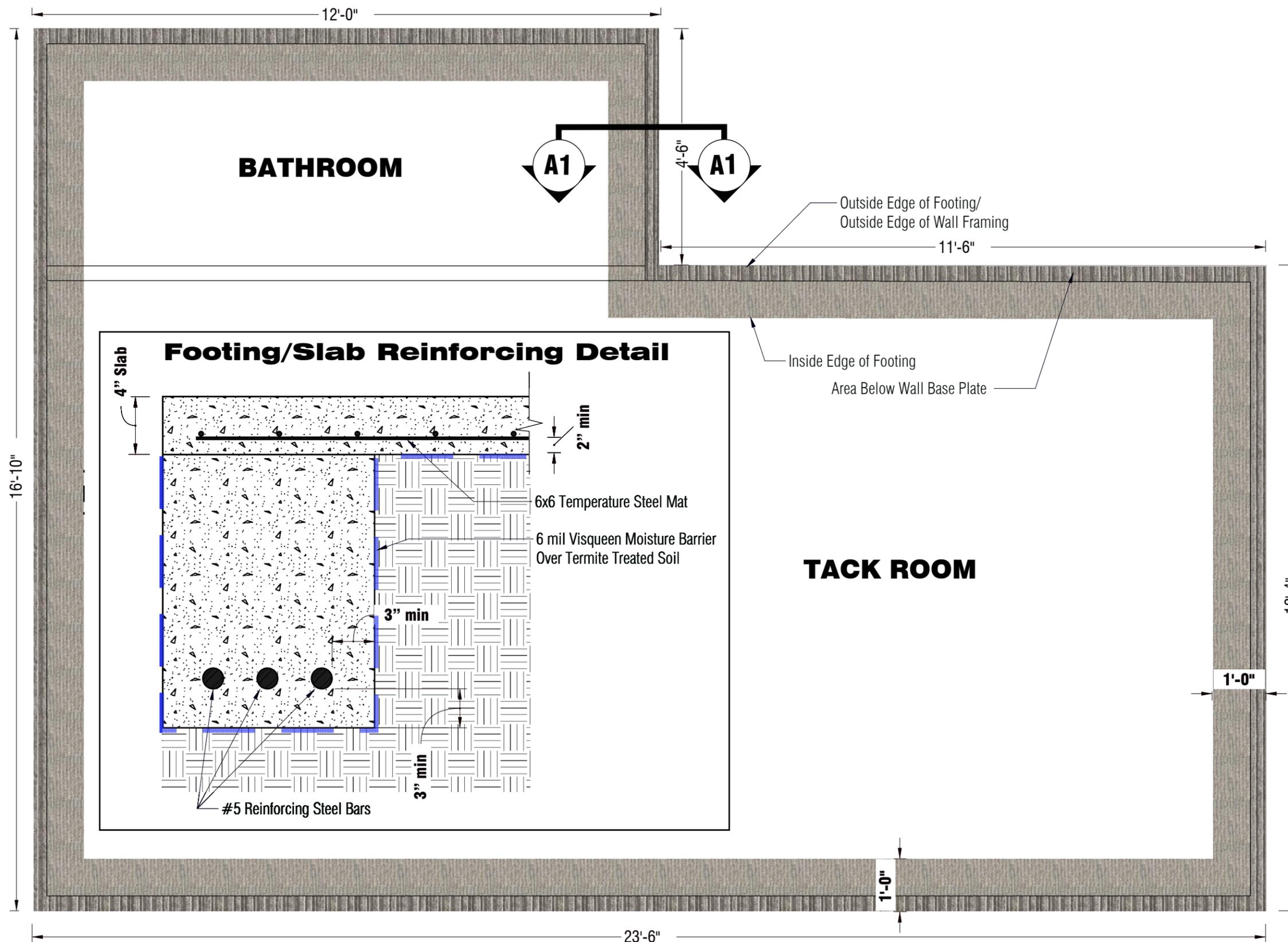
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- NOTES:**
- All water line pipe shall be 1/2" cpvc unless otherwise noted.
 - All valves in water lines shall be in-line pvc ball valves located at the furthest point from the wall so that the valve can be accessed via a valve box at ground level..
 - In Lieu of In- line valves within the CPVC water line, 1/2" x 3/8" compression valves can be used in wall at the device being supplied with water.
 - Water line should be buried a minimum of 18" below grade.
 - Waterline should be placed laterally a minimum of 12" from the outside exterior wall face.
 - Sanitary lines shall be buried a minimum of 12" below grade, sloped to gravity flow to Septic Tank, with a minimum slope of 1%.
 - The Sanitary Line shall be placed laterally a minimum of 16" from the outside exterior wall face.

Water lines supplying stalls reaching from back of paddock to the back side of the horse stalls. Waterline shall run just under the paddock fence between the stalls. These lines shall be buried a minimum of 12" below grade. Spigots shall be mounted 48" above ground on the 4x6 posts supporting the barn roof accessed via a 3/4" metal pipe.

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**Section A1- A1
Typical Footing
Cross Section**

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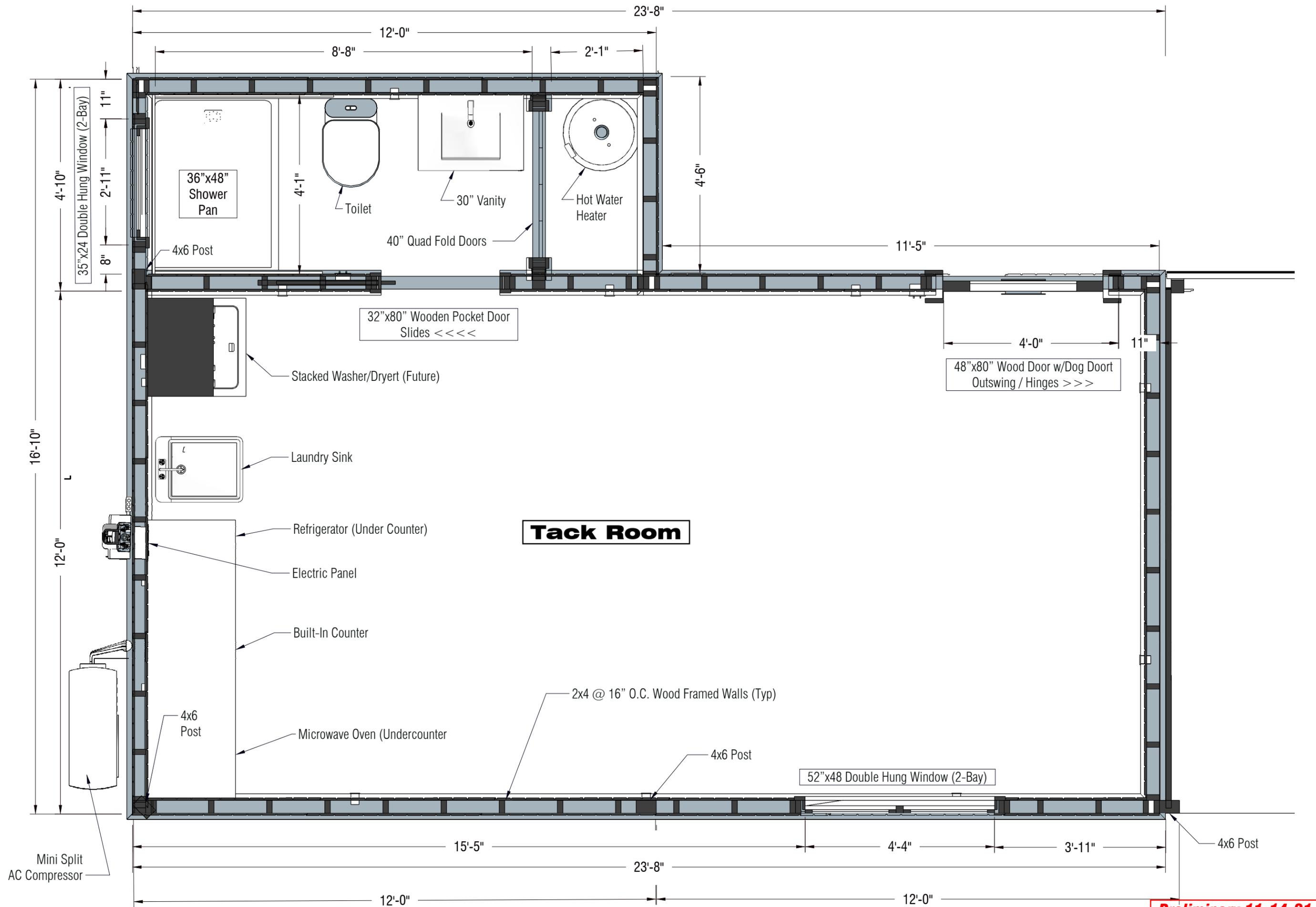
Responsible Charge: **David Rivera, PE**
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Client: **Elizabeth Davidson,**
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Sheet Contents:
Tack Room Footing Plan

Scale: 1/2" = 1'-0"
 11" x 17" Sheet

Sheet No. **5**



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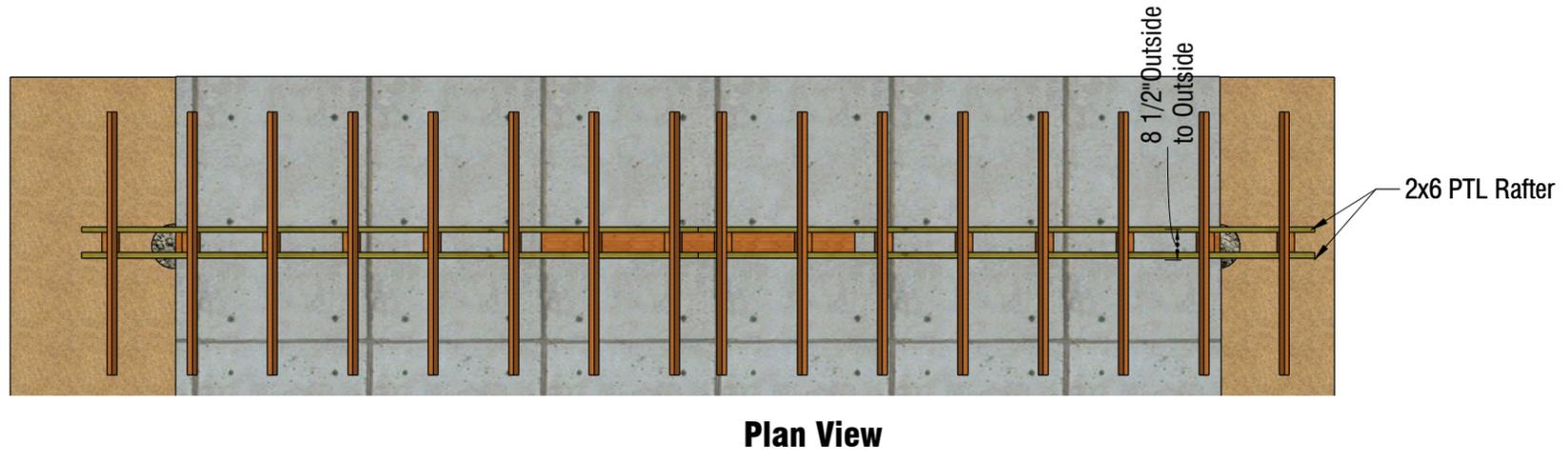
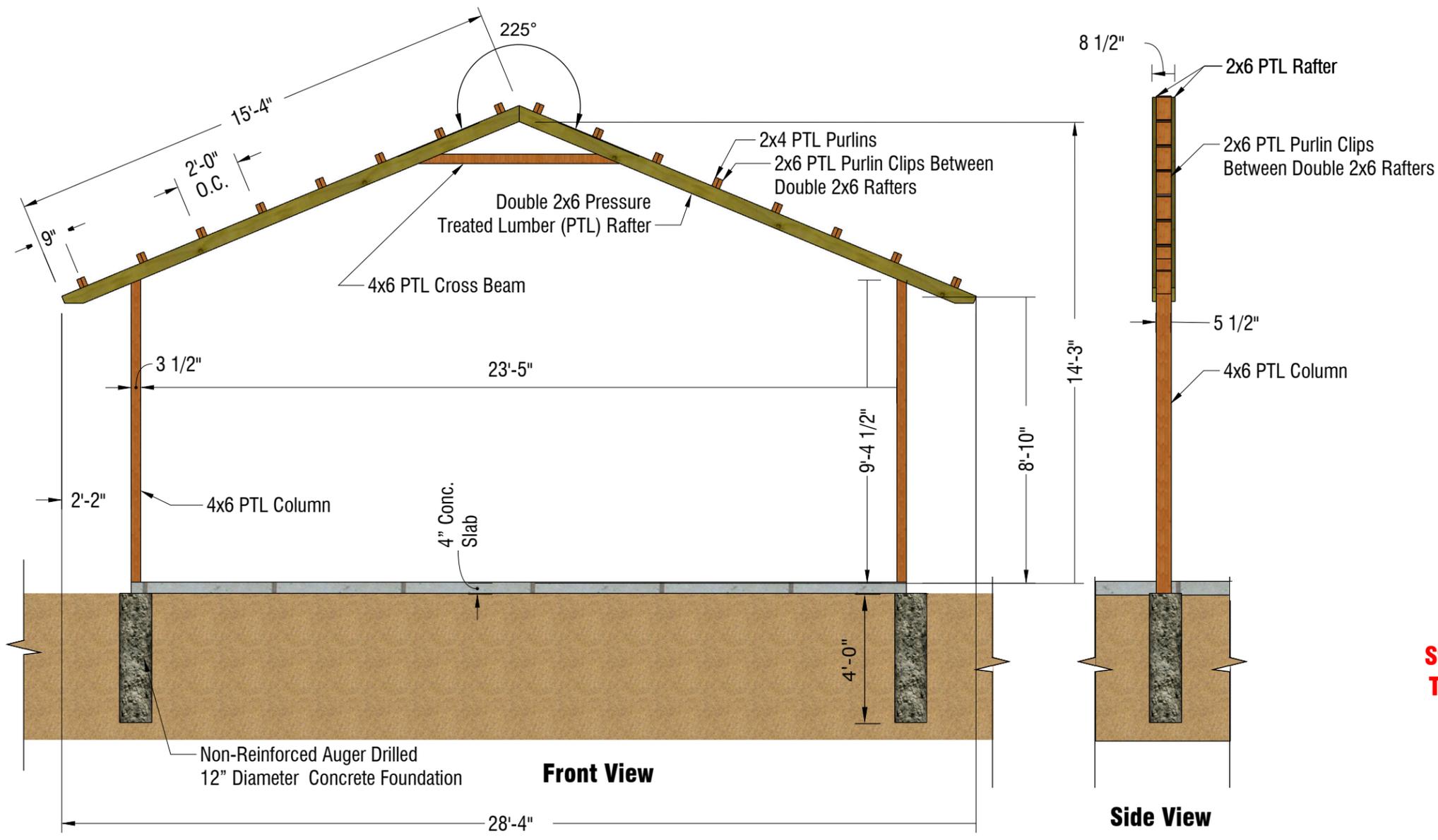
Client: **Elizabeth Davidson,**
 Project: **Davidson Barn**

Sheet Contents:
Tack Room Floor Plan

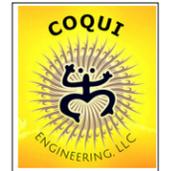
Scale: 1/2" = 1'-0"
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Sheet No. **6**

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Structural Plans are still being developed. This sheet is included to demonstrate the aesthetic of the proposed structure



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Sheet Contents:
Structural Plans & Details

Scale: 1/4" = 1'-0"
 11" x 17" Sheet

Sheet No. **7**

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