

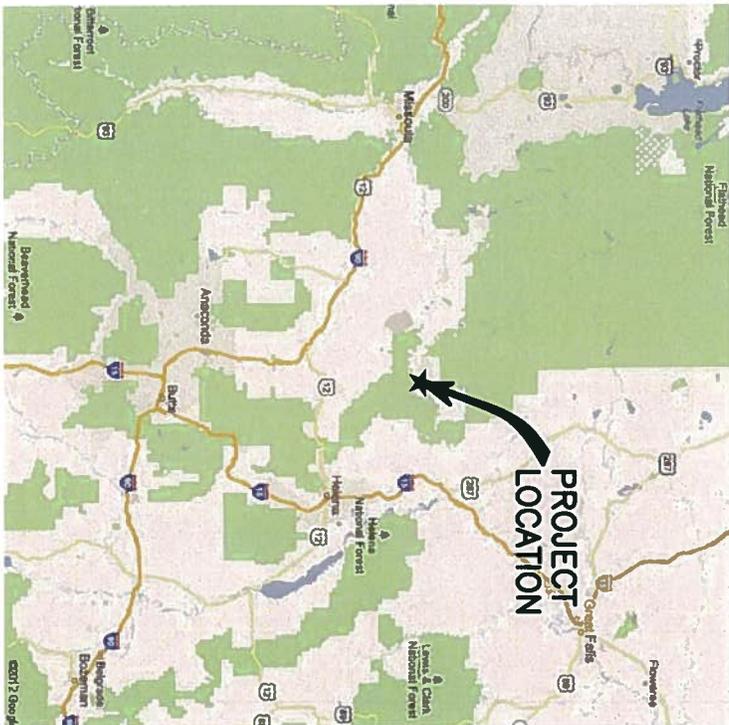
UNITED STATES DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
 NORTHERN REGION ONE



HELENA NATIONAL FOREST
 LINCOLN SIGN SHED
 LINCOLN RANGER DISTRICT

DESIGN CRITERIA

GROUND SNOW LOAD: 30 PSF
 WIND SPEED: F3S = 90 MPH, FTM = 75 MPH
 SOIL BEARING CAPACITY: 1500 PSF
 LEGAL DESCRIPTION: NE 1/4 OF SECTION 19: T14N,
 R8W



HELENA NATIONAL FOREST
 ★ PROJECT LOCATION

INDEX TO SHEETS

1	COVER SHEET
2	SITE PLAN
3	PLAN VIEW
4	SOUTH ELEVATION
5	EAST ELEVATION
6	WEST ELEVATION
7	FRAMING DETAIL



PREPARED BY: WJG/STK 4/15/15
 PROJECT ENGINEER
 DATE

REVIEWED BY: WJG/STK 4/15/15
 FACILITIES ENGINEER
 DATE

APPROVED BY: WJG/STK 4/15/15
 FOREST ENGINEER
 DATE

APPROVED BY: _____
 REGIONAL ENGINEER
 DATE

APPROVED BY: _____
 DISTRICT MANAGER
 DATE

APPROVED BY: _____
 FOREST SUPERVISOR
 DATE



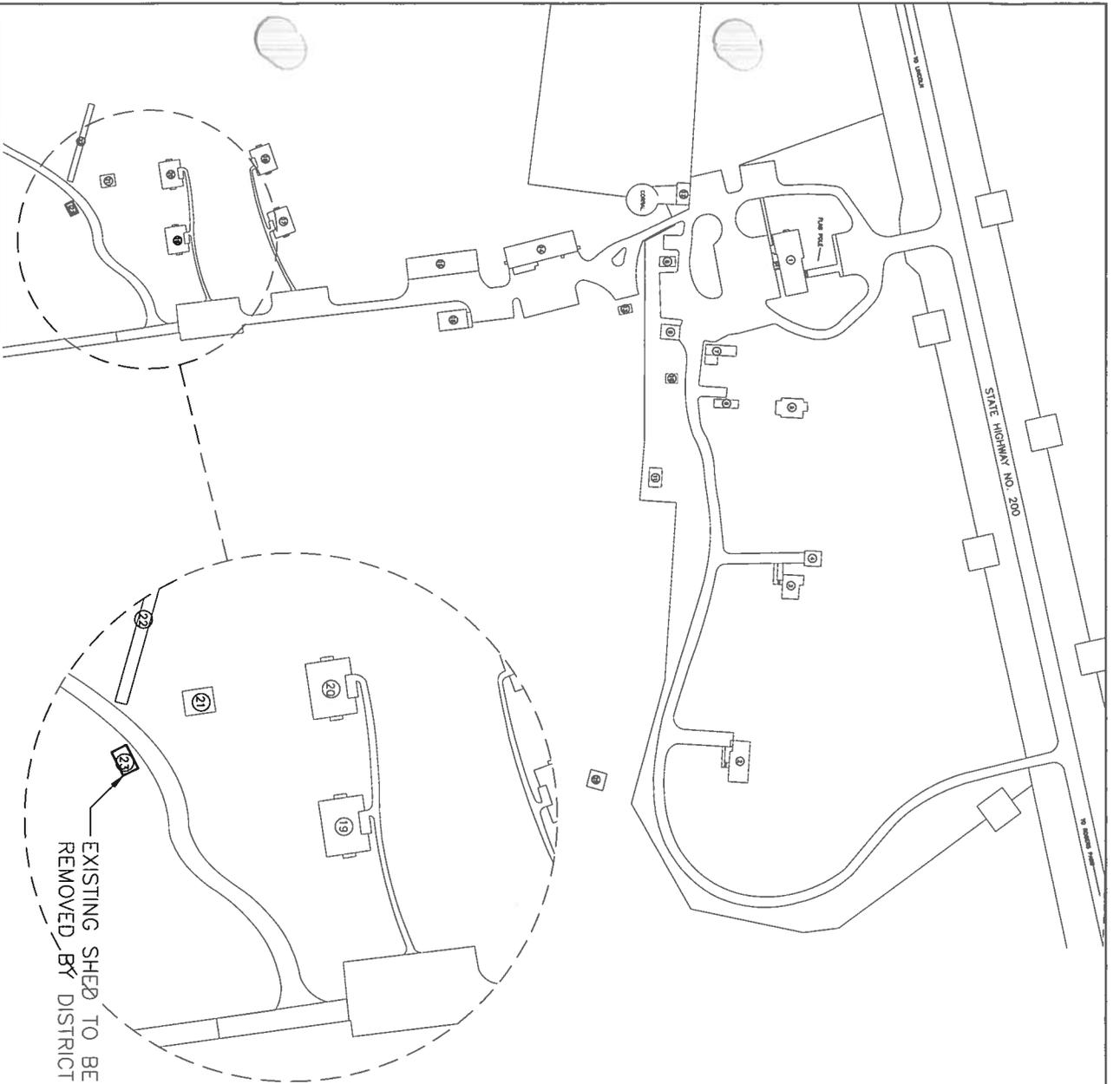
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 FOREST SERVICE
 HELENA NATIONAL FOREST
 HELENA, MONTANA

LINCOLN
 SIGN SHED

SITE PLAN

DESIGNED: R. STOVALL
 DRAWN: D. WOODS
 CHECKED: _____
 DATE: 05/12
 DATE: 07/12
 DATE: _____

DRAWING NAME
 LINCOLNSIGNSHEDCOVER.DWG
 SHEET 2



Structures	
1.	Lincoln District Office
2.	Ranger Dwelling
3.	Assistant Ranger Dwelling
4.	Asst. Ranger Dwelling Garage
5.	Forester Dwelling
6.	Forester Dwelling Garage
7.	Fire Cache/Radio Shop
8.	Saw Shop
9.	Maintenance Shop
10.	Dispatcher's Cabin
11.	Pump House
12.	Burn
13.	Oil Storage Building
14.	Fire Warehouse
15.	Vehicle Storage Shed
16.	Fire Garage
17.	Northwest Crew Quarters
18.	Northwest Crew Quarters
19.	Southeast Crew Quarters
20.	Southeast Crew Quarters
21.	Shed No. 1
22.	Tree Cache No. 1
23.	Shed No. 2
24.	Tree Cache No. 2
25.	Fenced WX Station



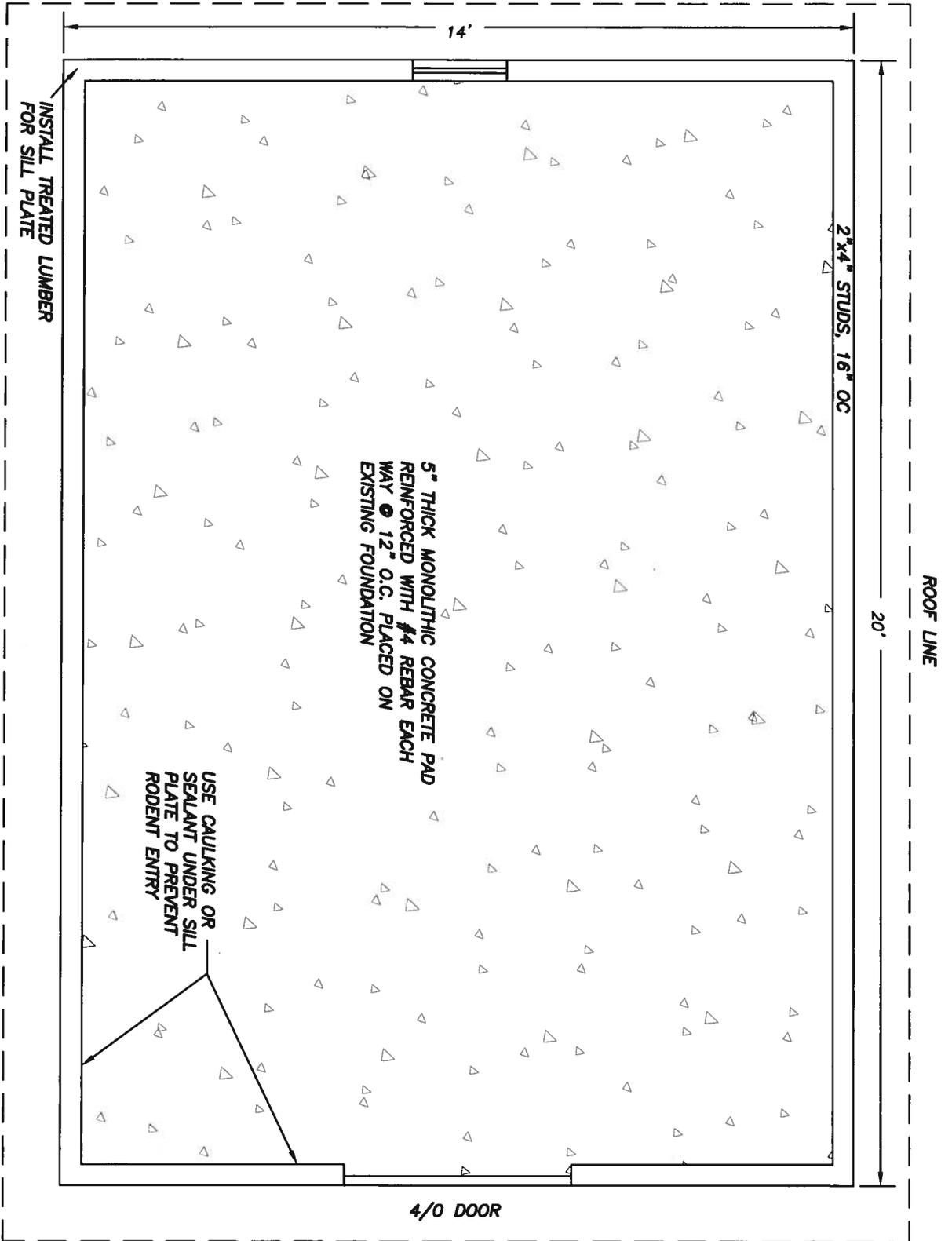
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 HELENA, MONTANA

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PLAN VIEW

SCALE: 3/8" = 1'-0"

PLAN VIEW



5" THICK MONOLITHIC CONCRETE PAD
 REINFORCED WITH #4 REBAR EACH
 WAY @ 12" O.C. PLACED ON
 EXISTING FOUNDATION

USE CAULKING OR
 SEALANT UNDER SILL
 PLATE TO PREVENT
 RODENT ENTRY

INSTALL TREATED LUMBER
 FOR SILL PLATE

4/0 DOOR

DESIGNED: R. STOVALL
 DRAWN: D. WOODS
 REVISED: M. SMITH
 DATE: 05/12
 DATE: 07/12
 DATE: 06/13

DRAWING NAME
 LINCOLNSIGNSHED14X20.DWG
 SHEET 3



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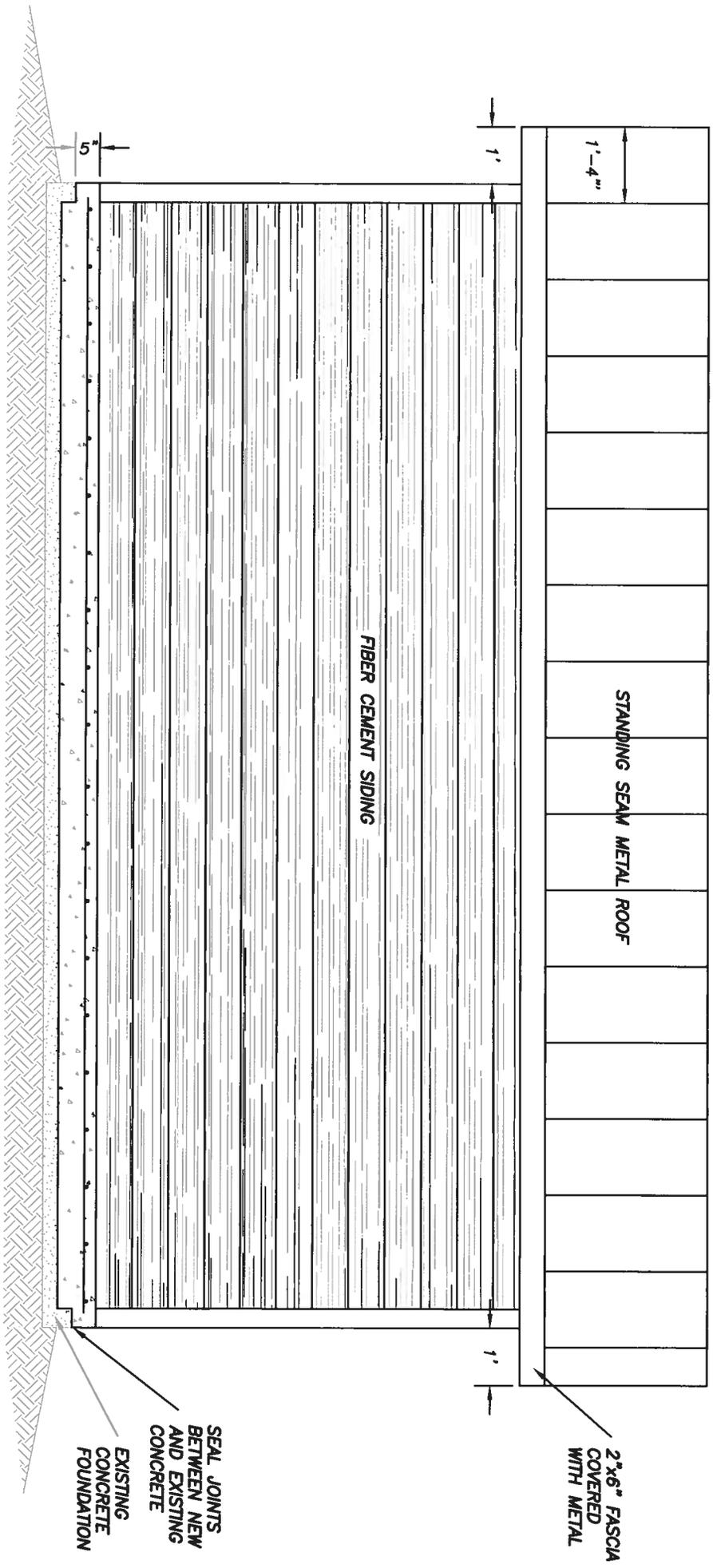
LINCOLN
 SIGN SHED

SOUTH ELEVATION

DESIGNED: R. STOVALL
 DRAWN: D. WOODS
 REVISED: M. SMITH
 DATE: 05/12
 DATE: 05/12
 DATE: 06/13

DRAWING NAME
 LINCOLNSIGNSHED14X20.DWG
 SHEET 4

SOUTH ELEVATION
 SCALE: 3/8" = 1'-0"



NOTE:
 BUILDING COLORS TO MATCH
 EXISTING CREW QUARTERS AND
 SHALL BE APPROVED BY CO
 PRIOR TO ORDERING.



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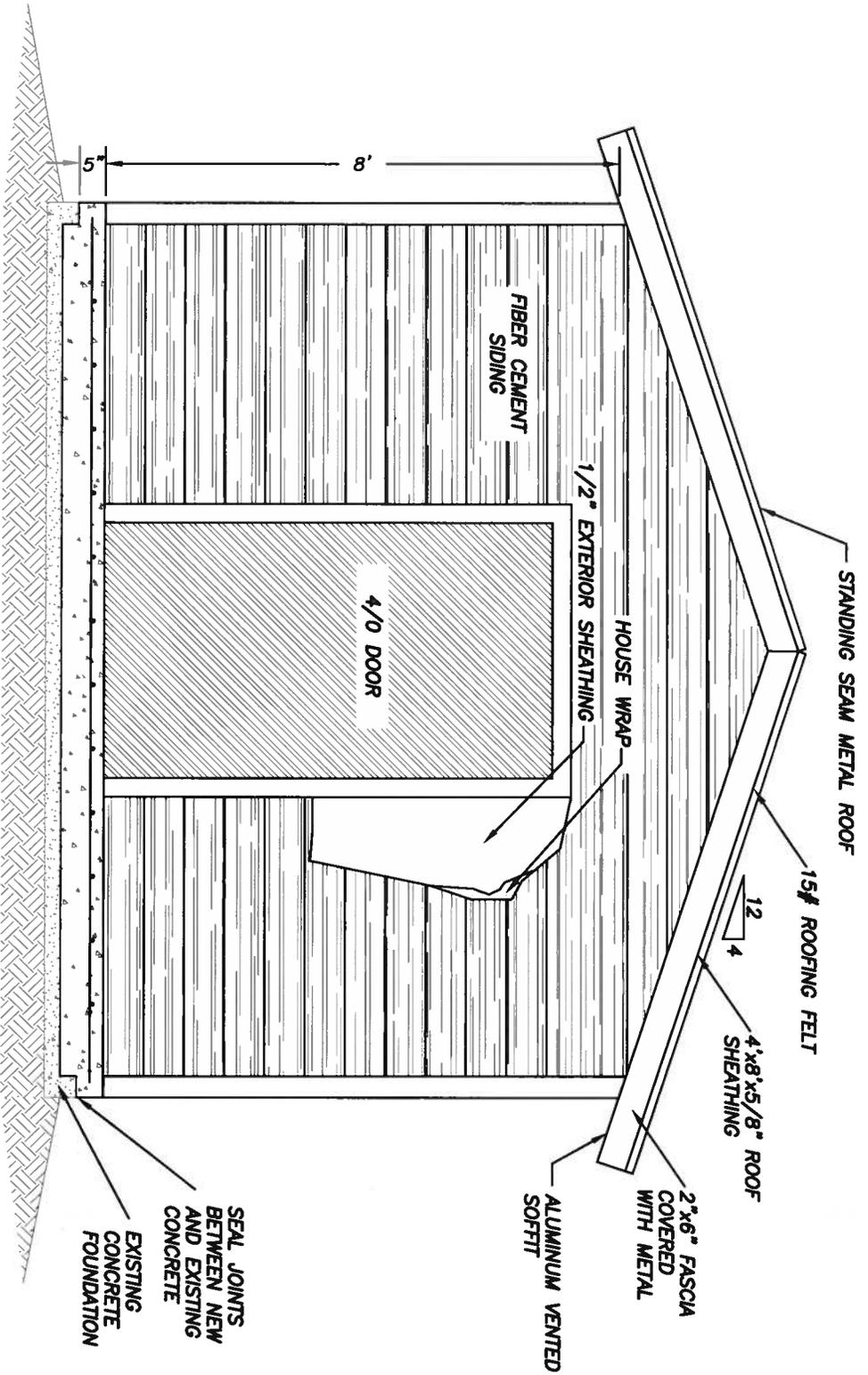
LINCOLN
SIGN SHED

EAST ELEVATION

DESIGNED: R. STOVALL
DRAWN: D. WOODS
REVISED: M. SMITH
DATE: 06/12
DATE: 07/12
DATE: 08/13

DRAWING NAME
LINCOLNSIGNSHED14X20.DWG
SHEET 5

EAST ELEVATION
SCALE: 3/8" = 1'-0"





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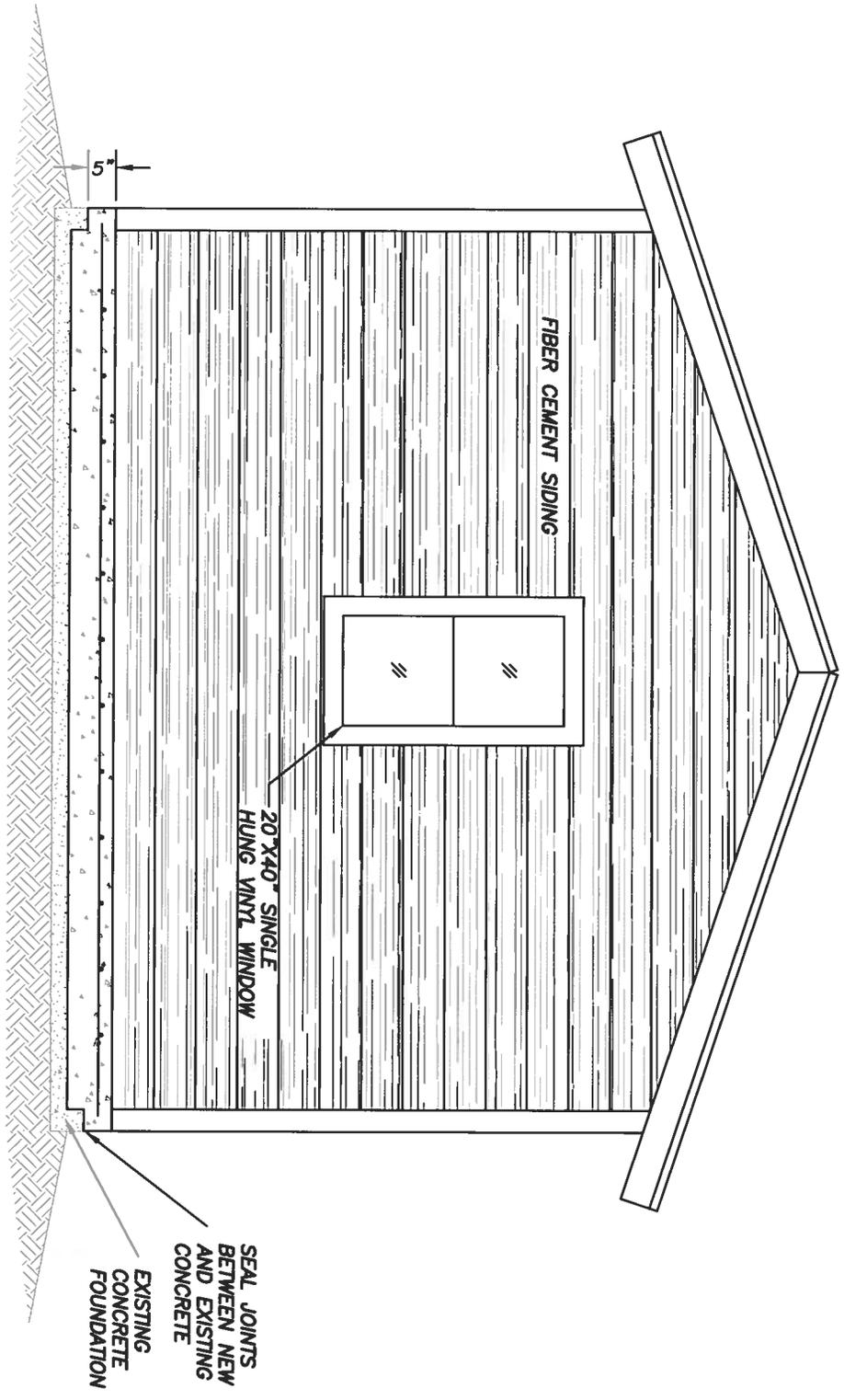
WEST ELEVATION

DESIGNED: R. STOVALL
 DRAWN: D. WOODS
 REVISED: M. SMITH

DATE: 05/12
 DATE: 07/12
 DATE: 06/13

DRAWING NAME
 LINCOLNSIGNSHED14X20.DWG

SHEET 6



WEST ELEVATION
 SCALE: 3/8" = 1'-0"



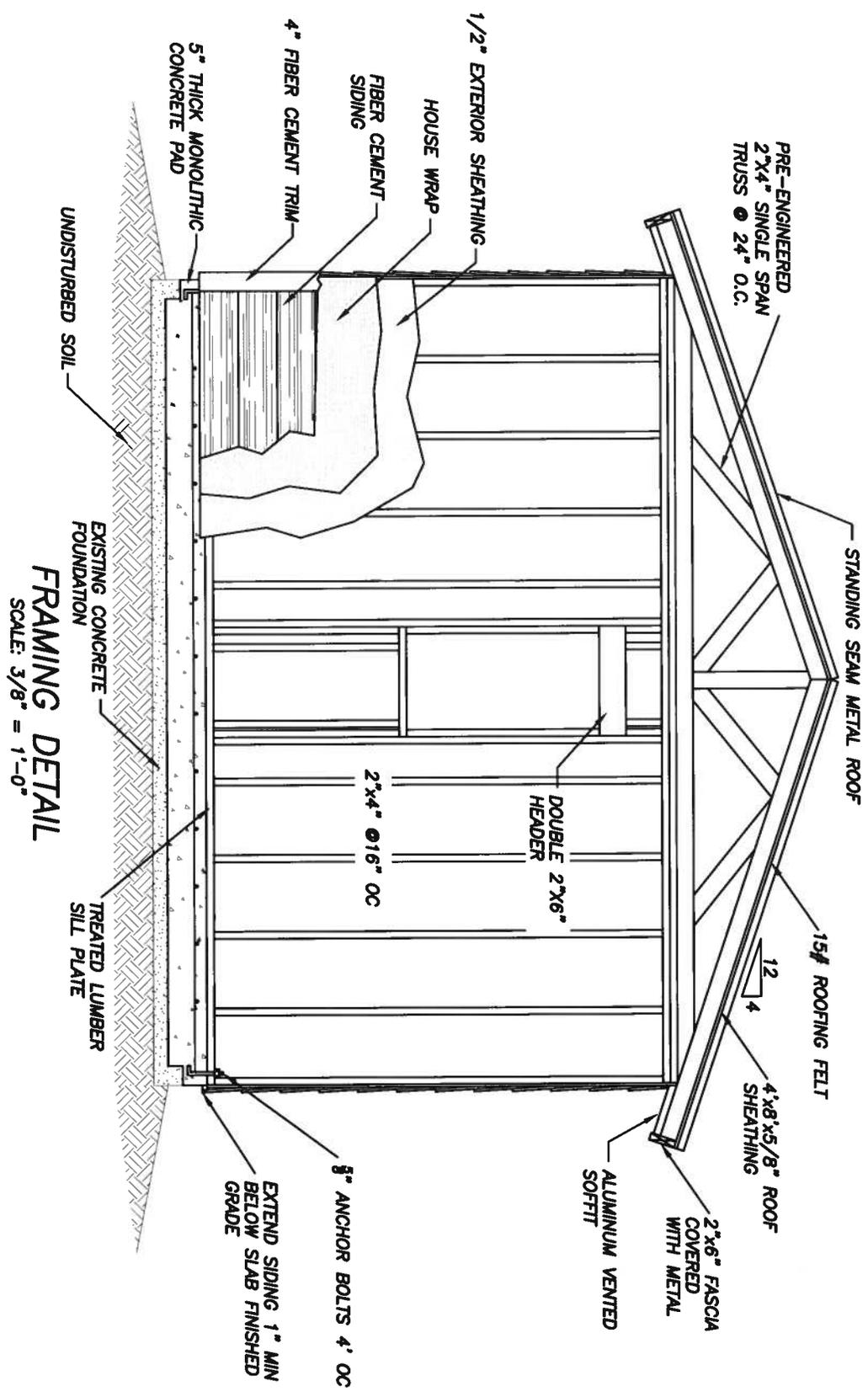
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FRAMING DETAIL

DESIGNED: R. STOWALL
 DRAWN: D. WOODS
 REVISED: M. SMITH
 DATE: 05/12
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 DATE: 08/13

DRAWING NAME
 LINCOLNSHED14X20.DWG
 SHEET 2



FRAMING DETAIL
 SCALE: 3/8" = 1'-0"