

DECK CONSTRUCTION

WITH COVERED ROOF

AREA - 264 SQ. FT.



SHEET NAME	SHEET NUMBER
COVER PAGE	A0.0
SITE PLAN	A0.1
DECK PLAN	A1.0
ELEVATIONS	A1.2
DETAILS	A1.3

WELKER
RESIDENCE

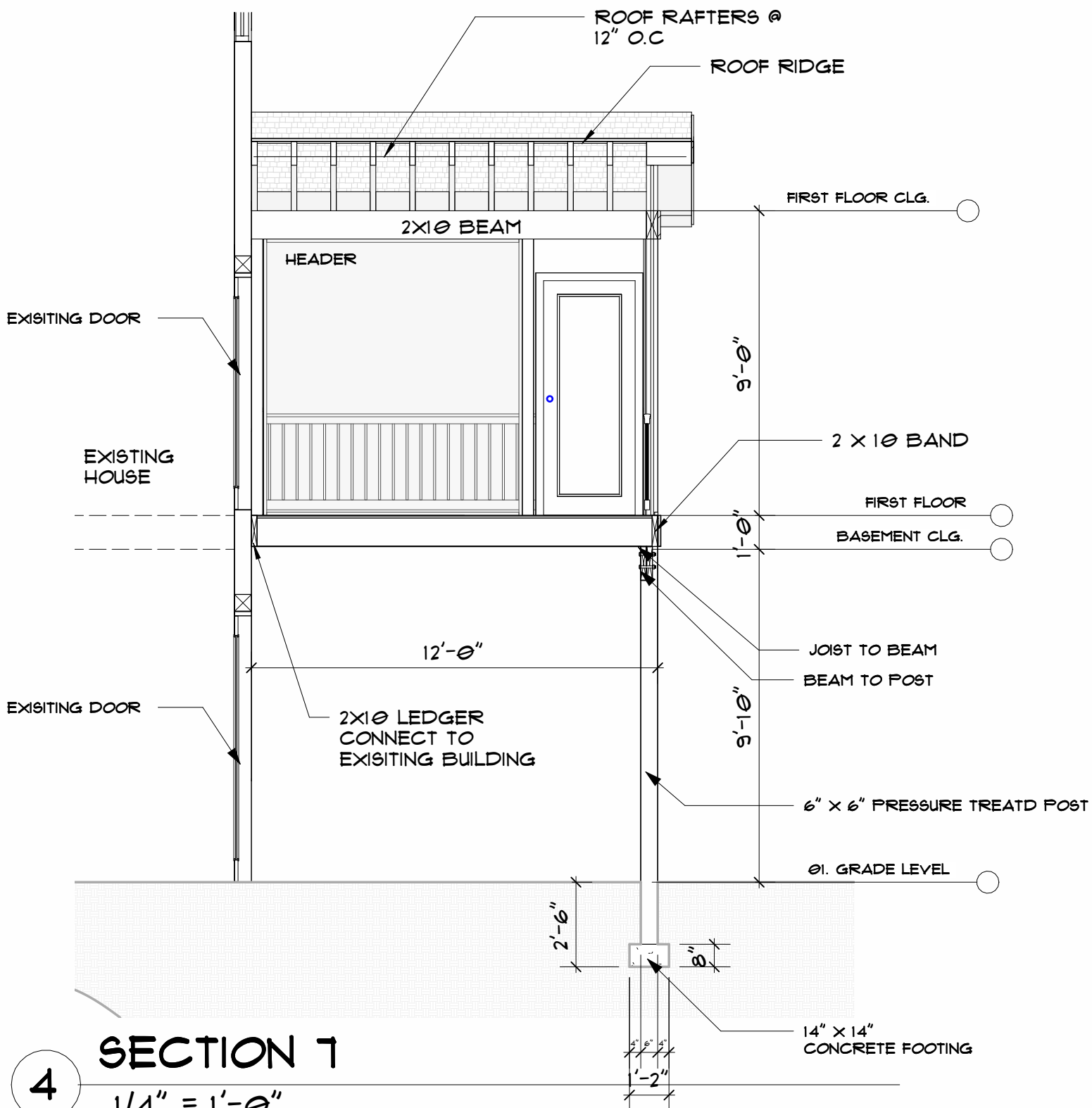
COVER PAGE		
PROJECT NUMBER	0001	A0.0
DATE	06/30/22	
DRAWN BY	DAVID FORM	
CHECKED BY	DAVID FORM	SCALE



3 EAST
1/4" = 1'-0"



1 SOUTH
1/4" = 1'-0"



4 SECTION 1
1/4" = 1'-0"



2 WEST
1/4" = 1'-0"

WELKER
RESIDENCE

ELEVATIONS

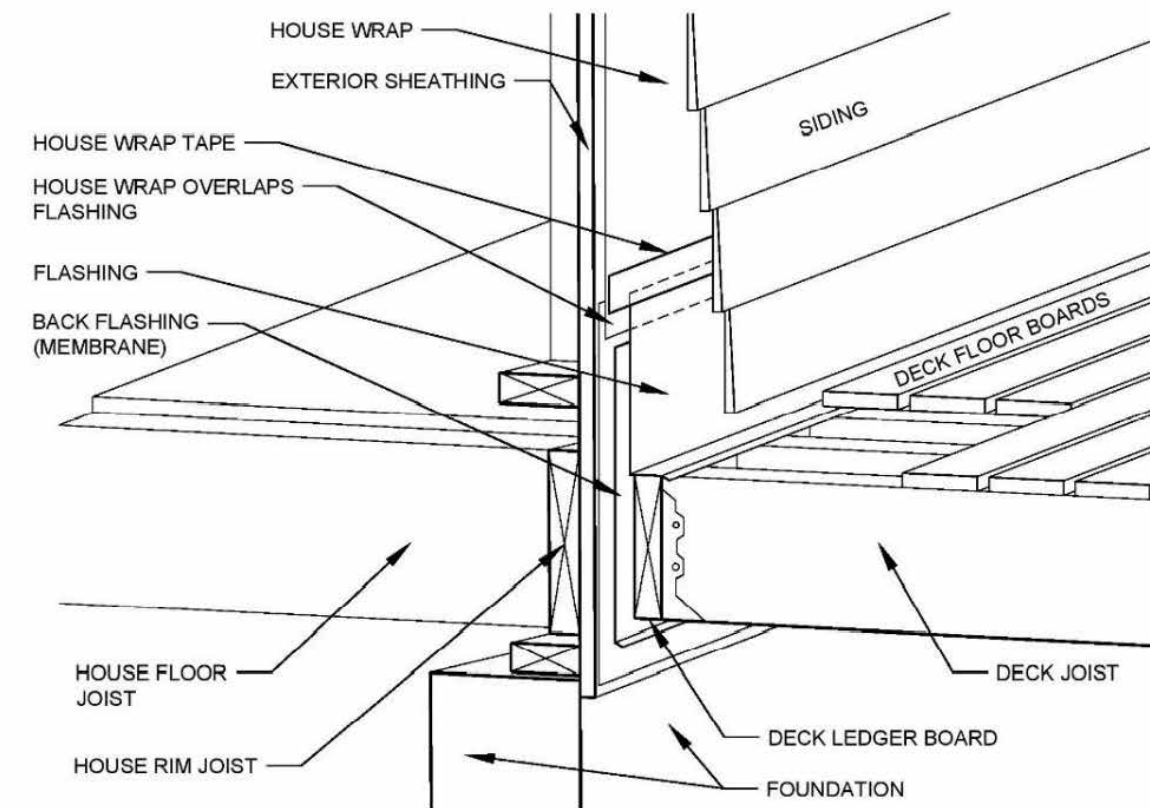
PROJECT NUMBER	0001	A1.2
DATE	06/30/22	
DRAWN BY		
CHECKED BY		
SCALE		1/4" = 1'-0"

DECK BEAM SPANS ^{a,b.}

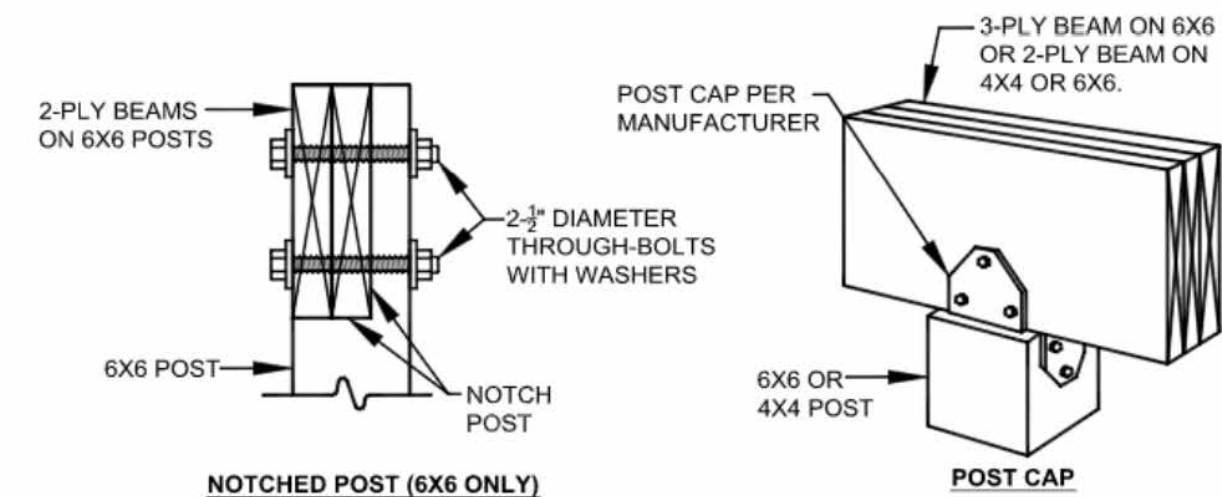
Southern Pine No. 2	Size	DECK JOIST SPAN LESS THAN OR EQUAL TO: (feet)						
		6	8	10	12	14	16	18
		(2) 2x6	6'-11"	5'-11"	5'-4"	4'-10"	4'-6"	4'-3"
(2) 2x8	8'-9"	7'-7"	6'-9"	6'-2"	5'-9"	5'-4"	5'-0"	
(2) 2x10	10'-4"	9'-0"	8'-0"	7'-4"	6'-9"	6'-4"	6'-0"	
(2) 2x12	12'-2"	10'-7"	9'-5"	8'-7"	8'-0"	7'-6"	7'-0"	
(3) 2x6	8'-2"	7'-5"	6'-8"	6'-1"	5'-8"	5'-3"	5'-0"	
(3) 2x8	10'-10"	9'-6"	8'-6"	7'-9"	7'-2"	6'-8"	6'-4"	
(3) 2x10	13'-0"	11'-3"	10'-0"	9'-2"	8'-6"	7'-11"	7'-6"	
(3) 2x12	15'-3"	13'-3"	11'-10"	10'-9"	10'-0"	9'-4"	8'-10"	

- a. Beam depth shall be greater than or equal to the depth of the floor joist with a flush beam condition.
- b. Beams shall be permitted to cantilever at each end 2 feet or up to one-fourth of the actual beam span, whichever is less.

SPECIES	SIZE	ALLOWABLE JOIST SPAN SPACING OF DECK JOISTS			MAXIMUM CANTILEVER SPACING OF DECK JOISTS WITH CANTILEVER		
		(inches)			(inches)		
		12	16	24	12	16	24
Southern Pine No. 2	2x6	9'-11"	9'-0"	7'-7"	1'-3"	1'-4"	1'-6"
	2x8	13'-1"	11'-10"	9'-8"	2'-1"	2'-3"	2'-5"
	2x10	16'-2"	14'-0"	11'-5"	3'-4"	3'-6"	2'-10"
	2x12	18'-0"	16'-6"	13'-6"	4'-6"	4'-2"	3'-4"



ATTACHED DECK FLASHING DETAIL



For SI: 1 inch = 25.4 mm

**FIGURE R507.6.1
BEAM BEARING**

WELKER

RESIDENCE

DETAILS

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A1.3

SCALE