

PROJECT NO. xxx

DATE: 2/20/2026

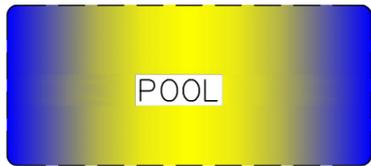
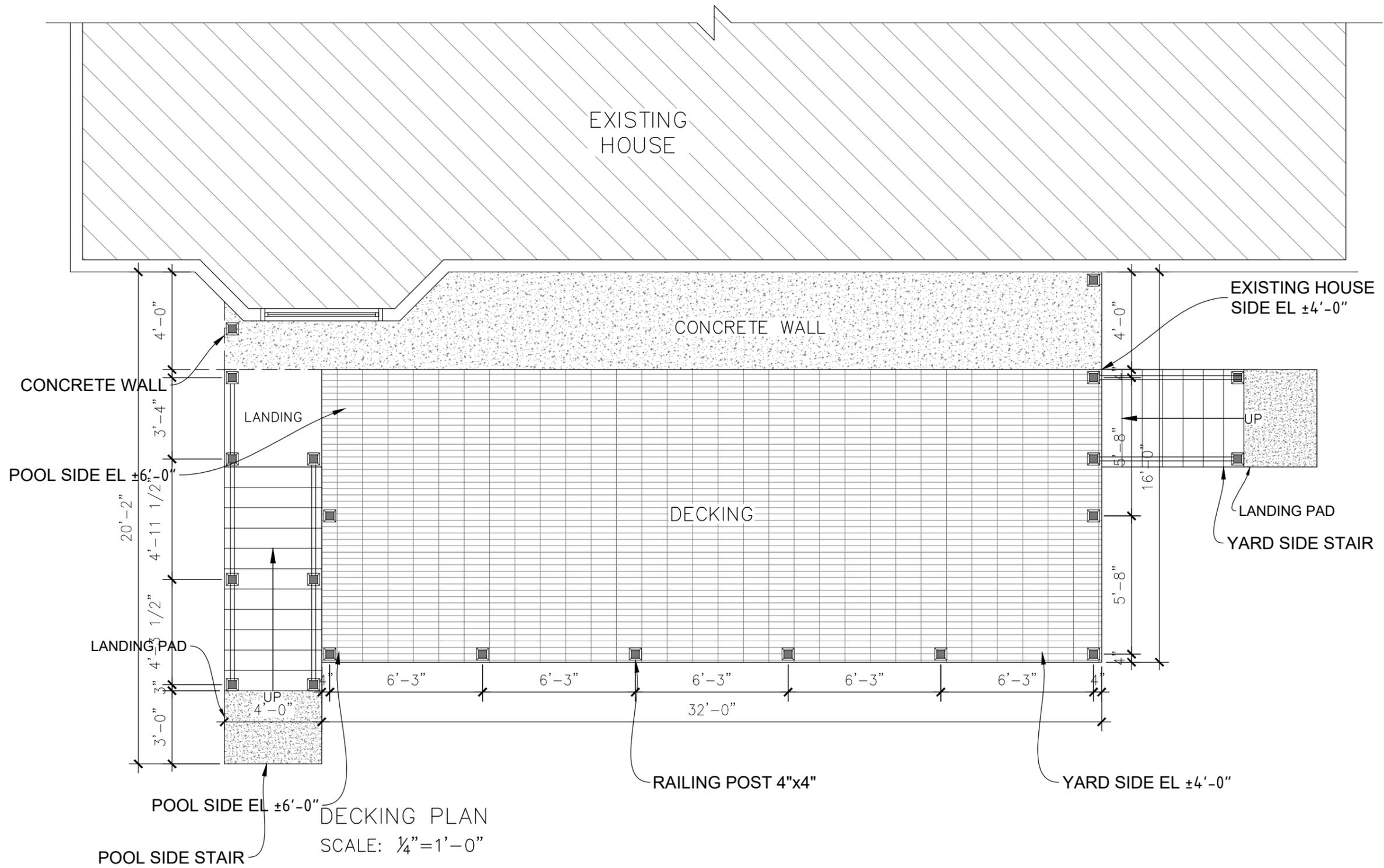
ADDRESS  
123

PREPARED BY-

SHEET TITLE-  
**DECK FLOOR PLAN**

Date: 2/20/2026  
Project No: xxx  
Drawn By: RB  
Client Name:  
Checked By:  
Approved By: RB

Scale: AS SHOWN  
Sheet No:  
01 of 06  
Paper Size: ARCHD (12"x24")

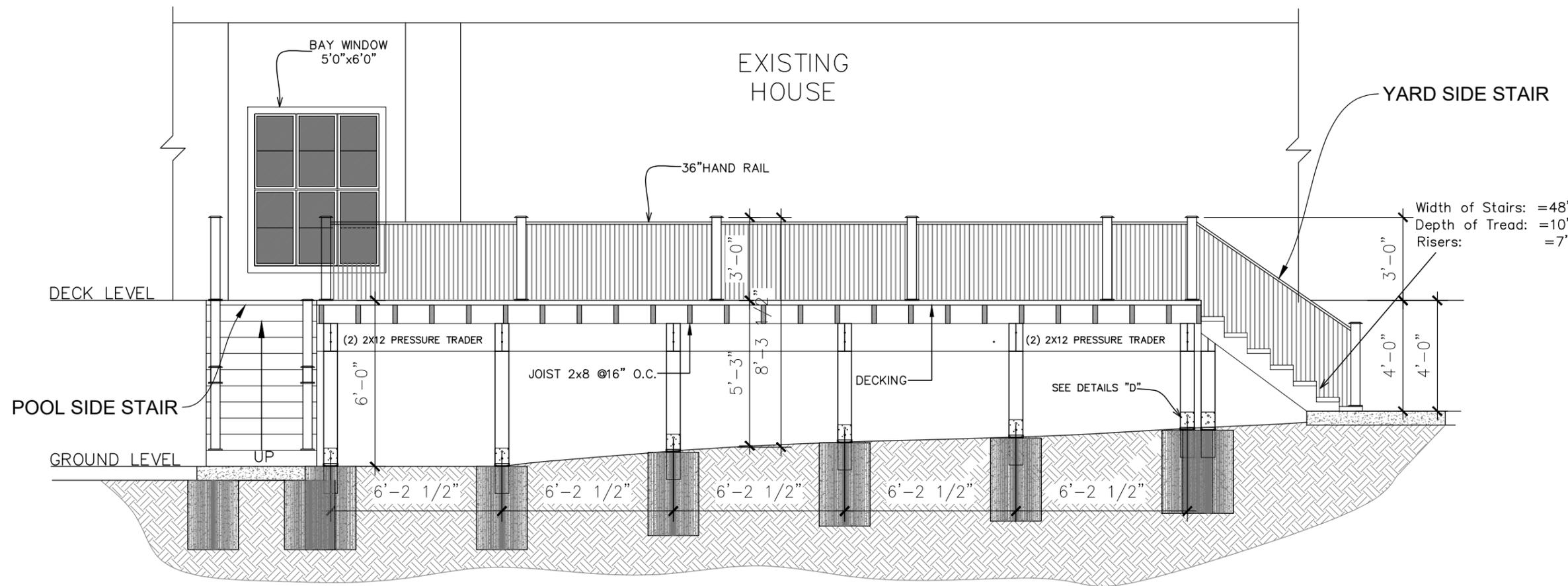


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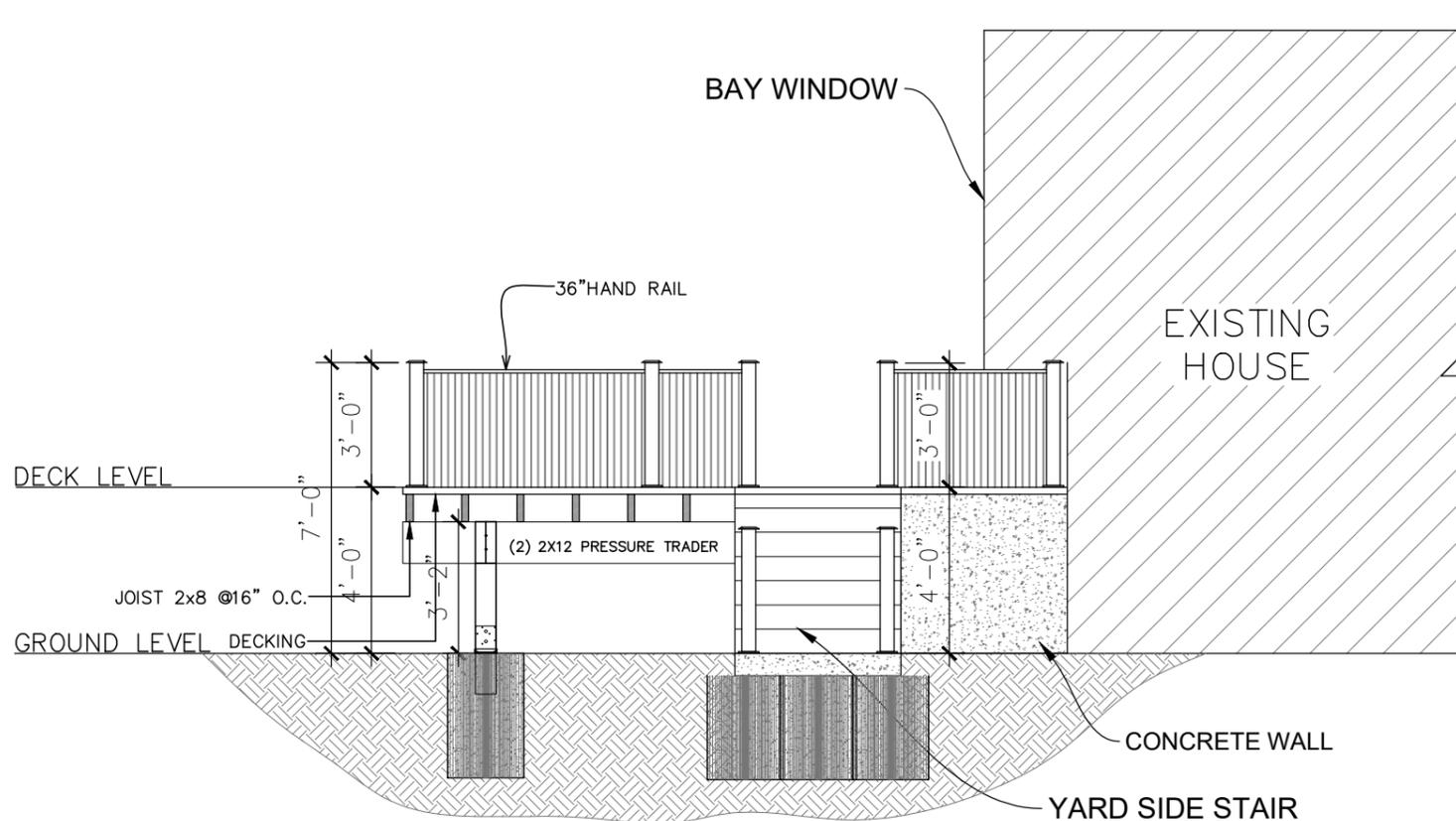
SHEET TITLE-

# DECKING PLAN

Date:	22022026
Project No:	xxx
Drawn By:	RB
Client Name:	
Checked By:	
Approved By:	RB
Scale:	AS SHOWN
Sheet No:	02 of 06
Paper Size:	ARCHD (12"x24")



DECK FRONT ELEVATION  
SCALE 1/4"=1'-0"



RIGHT ELEVATION  
SCALE 1/4"=1'-0"



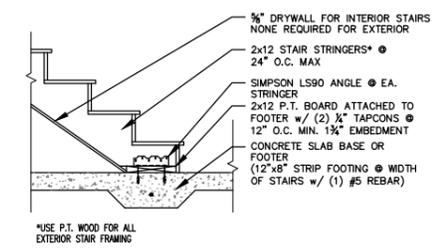
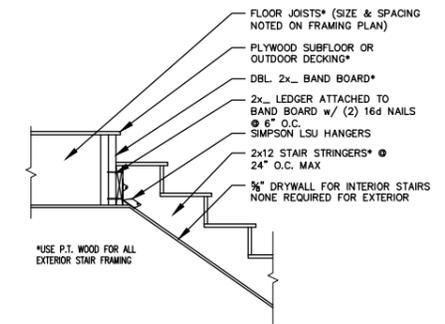
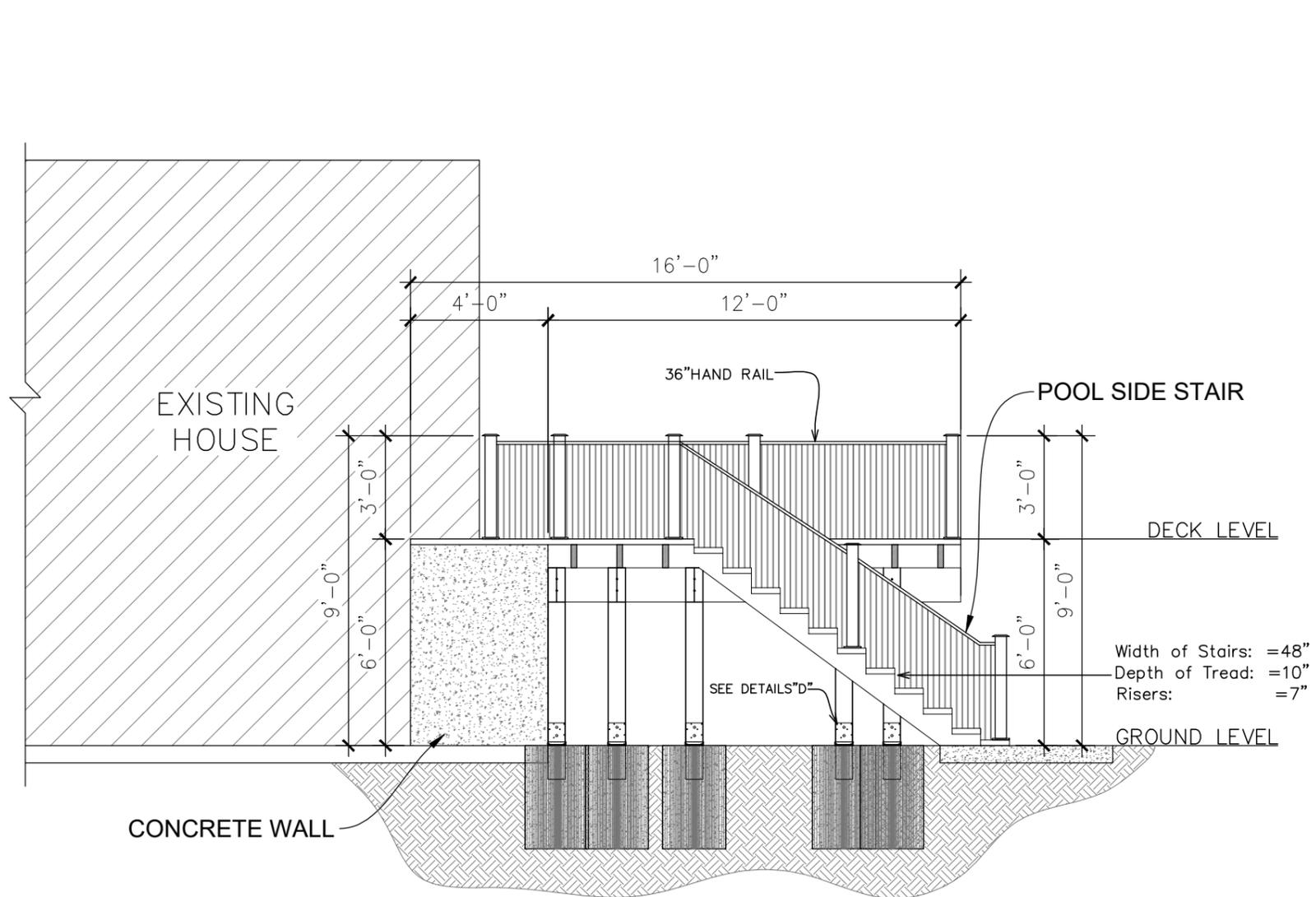
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PREPARED BY-

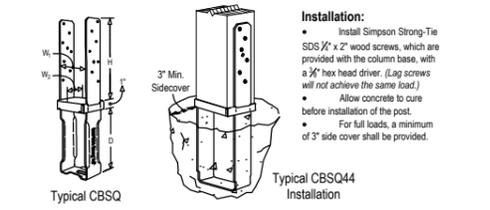
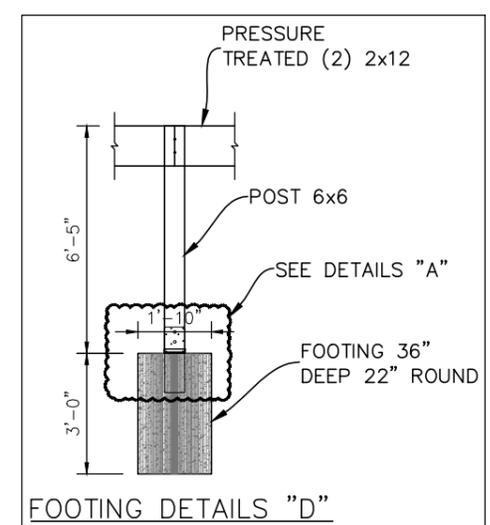
SHEET TITLE-  
Deck Front & Right Elevations

Date: 2/20/2026  
 Project No: xxx  
 Drawn By: RB  
 Client Name:  
 Checked By:  
 Approved By: RB

Scale: AS SHOWN  
 Sheet No: 03 of 06  
 Paper Size: ARCHD (12"x24")



STAIR CONNECTION DETAILS  
SCALE: NTS



**Installation:**

- Install Simpson Strong-Tie SDS 1/2" x 2" wood screws, which are provided with the column base, with a 3/8" hex head driver. (Lag screws will not achieve the same load.)
- Allow concrete to cure before installation of the post.
- For full loads, a minimum of 3" side cover shall be provided.

Model No.	Post Size	Dimensions (in.)				Number of SDS Screws
		W1	W2	D	H	
□ CBSQ44-SDS2HDG	4x4	3 9/16	3 1/2	7 1/8	8 3/8	14-SDS 1/2"x2"
□ CBSQ46-SDS2HDG	4x6	3 9/16	5 5/16	7 13/16	8 11/16	14-SDS 1/2"x2"
□ CBSQ66-SDS2HDG	6x6	5 1/2	5 1/2	6 7/8	8 3/4	14-SDS 1/2"x2"
CBSQ86-SDS2HDG	6x8	7 1/2	5 3/8	6 1/8	8 11/16	12-SDS 1/2"x2"
CBSQ88-SDS2HDG	8x8	7 1/2	7 3/8	6 1/8	8 11/16	12-SDS 1/2"x2"

1. □ indicates connector is available in stainless steel. Replace -SDS2HDG in model number with SS when ordering.  
2. Refer to current Wood Construction Connectors catalog for additional information.

FOOTING DETAILS "A"

**GENERAL NOTES - DECK CONSTRUCTION**

- Project Location: Duval County, Florida
- All work shall comply with the 2023 Florida Building Code (FBC) and all applicable Duval County regulations.
  - Deck shall be constructed as a freestanding structure unless otherwise noted on plans. No attachment to existing CMU wall unless specifically detailed.
  - All lumber shall be pressure-treated Southern Pine, minimum No. 2 grade or better.
  - All connectors, fasteners, and hardware shall be hot-dipped galvanized or stainless steel, suitable for exterior use and corrosion-resistant per FBC requirements.
  - Footings shall bear on undisturbed soil. Minimum footing depth and diameter shall comply with local code requirements and soil conditions.
  - Post, beam, and joist sizes and spacing shall be as indicated on the approved structural drawings.
  - Deck framing shall be designed to support a minimum 40 psf live load and 10 psf dead load, unless otherwise noted.
  - Lateral bracing and uplift resistance shall be provided to meet Florida wind load requirements applicable to Duval County.
  - Simpson Strong-Tie (or approved equal) connectors shall be installed per manufacturer specifications.
  - Stairs, handrails, and guards shall comply with FBC residential requirements: Maximum riser height 7-3/4", Minimum tread depth 10", Guard height minimum 36", Handrail height 34"-38".
  - All dimensions shall be verified in the field prior to construction. Contractor shall notify designer of any discrepancies.
  - Final inspections shall be scheduled with Duval County Building Department prior to occupancy or use.

ADDRESS

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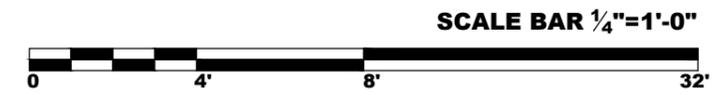
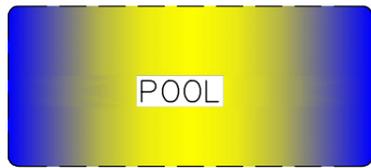
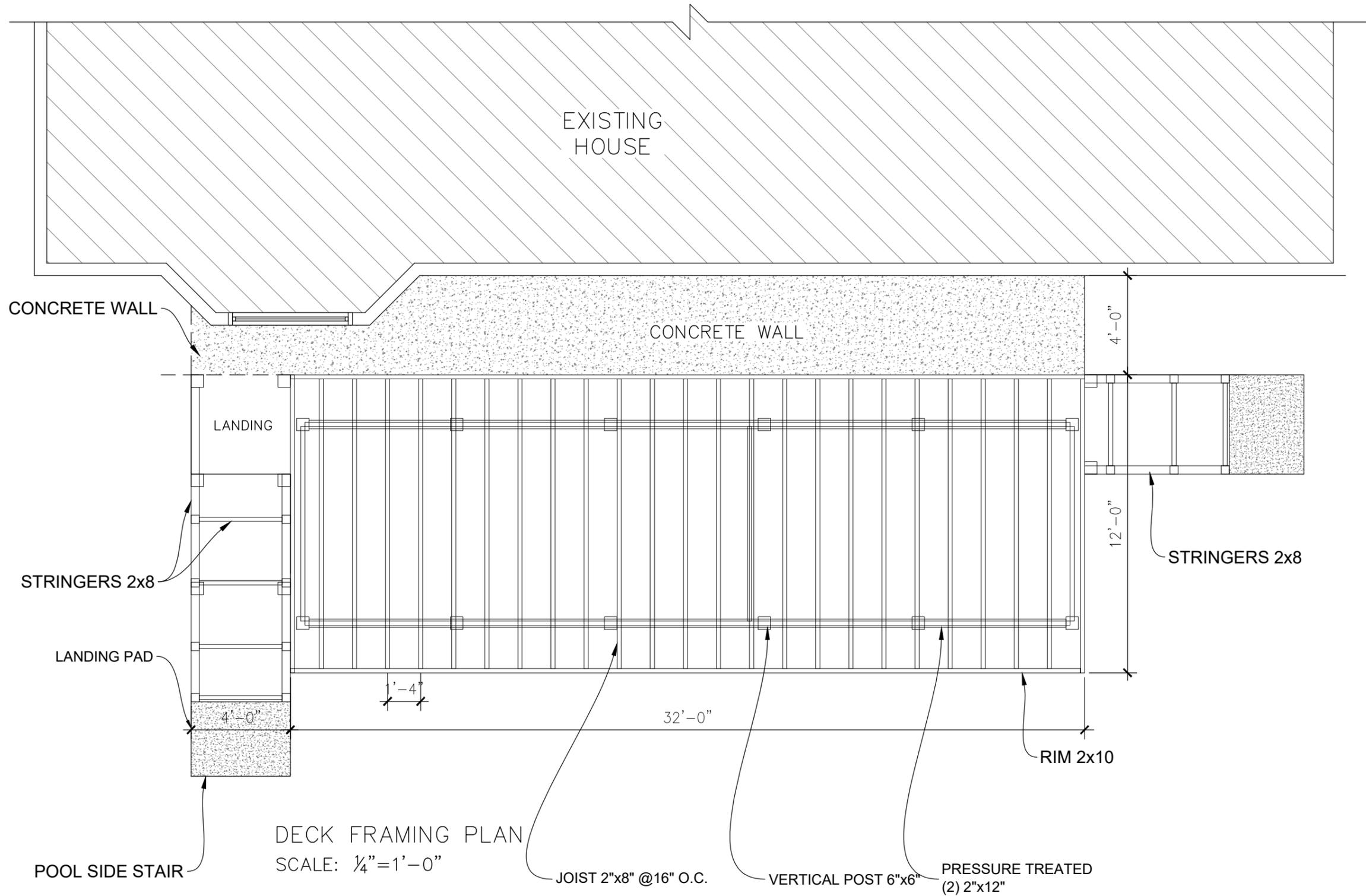
LEFT ELEVATION & General Notes

SHEET TITLE-

Date: 2/20/2026  
Project No: xxx.  
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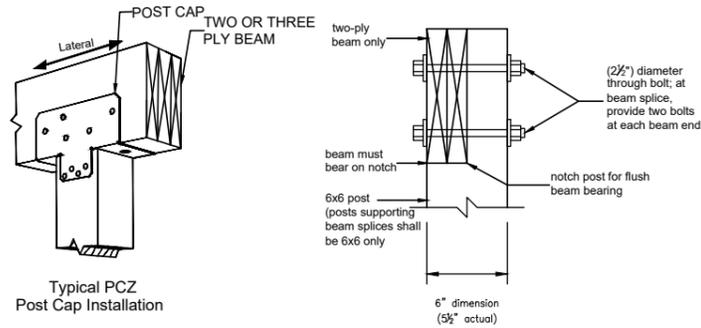




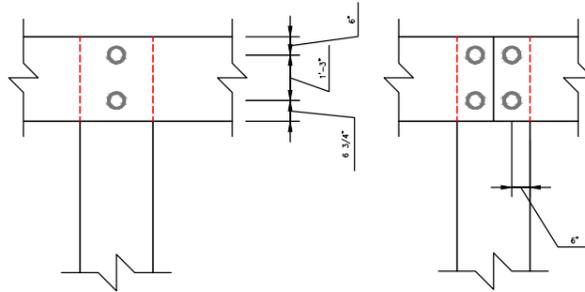
ADDRESS	
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PREPARED BY-	
SHEET TITLE-	
<b>DECK FRAMING PLAN</b>	
Date:	2/20/2026
Project No:	xxx
Drawn By:	RB
Client Name:	
Checked By:	
Approved By:	RB
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Sheet No:	05 of 06
Paper Size:	ARCHD (12"x24")

# GENERAL NOTES

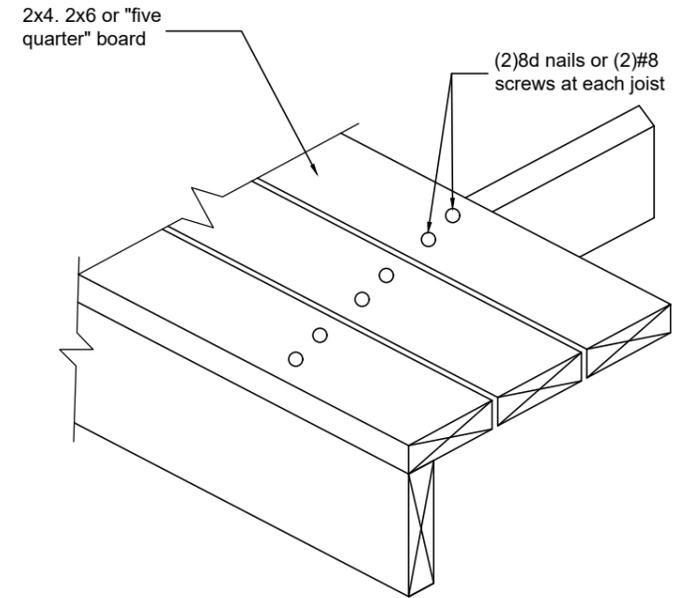
- CONTRACTOR TO VERIFY ALL MEASUREMENTS.
- ALL STRUCTURAL TIMBER SHALL CONFORM TO THE REQUIREMENTS OF THE TIMBER CONSTRUCTION MANUAL PREPARED BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
- ALL HARDWARE TO BE CORROSION RESISTANT AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
- ALL BOTTOM PLATE TO BE TREATED LUMBER AND HAVE SILL FOAM AT CONCRETE SILL PLATE.
- WOOD FRAMING MEMBERS THAT REST ON EXTERIOR FOUNDATION WALLS AND ARE LESS THAN 8" FROM EXPOSED EARTH SHALL BE PRESSURE TREATED.
- ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED.
- CONCRETE IN FOOTINGS SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 3,000 PSI IN 28 DAYS.
- WOOD FRAMING MEMBERS THAT REST ON EXTERIOR FOUNDATION WALLS AND ARE LESS THAN 8" FROM EXPOSED EARTH SHALL BE PRESSURE TREATED.
- REBAR TO BE GRADE 60 -60,000 PSI.



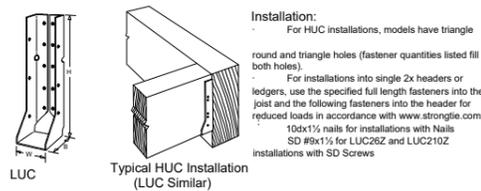
## POST TO BEAM REQUIREMENTS



## NOTCHED POST TO BEAM CONNECTIONS



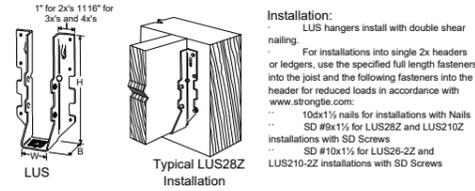
## TYPICAL DECKING



Model No.	Dimensions (in.)			Fasteners			
	W	H	B	Header	Joist	Header	Joist
LUC26Z	1 9/16	4 3/4	1 3/4	6-10d	4-10dx1 1/2	6-SD #9x2 1/2	4-SD #9x1 1/2
LUC210Z	1 9/16	7 3/4	1 3/4	10-10d	6-10dx1 1/2	10-SD #9x2 1/2	6-SD #9x1 1/2
HUC26-2Z	3 1/8	5 3/8	2 1/2	12-16d	6-10d	-	-
HUC28-2Z	3 1/8	7	2 1/2	14-16d	6-10d	-	-
HUC210-2Z	3 1/8	13 1/16	2 1/2	18-16d	10-10d	-	-

1. Indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.  
2. Refer to current Wood Construction Connectors catalog for additional information.

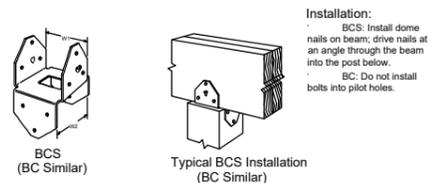
LUC, HUC Joist Hangers by SIMPSON STRONG TIE  
NTS



Model No.	Dimensions (in.)			Fasteners			
	W	H	B	Header	Joist	Header	Joist
LUS26Z	1 9/16	4 3/4	1 3/4	6-10d	4-10d	-	-
LUS28Z	1 9/16	6 5/8	1 3/4	6-10d	4-10d	6-SD #9x2 1/2	4-SD #9x2 1/2
LUS210Z	1 9/16	7 13/16	1 3/4	8-10d	4-10d	8-SD #9x2 1/2	4-SD #9x2 1/2
LUS26-2Z	3 1/8	4 7/8	2	4-16d	4-16d	4-SD #10x2 1/2	4-SD #10x2 1/2
LUS210-2Z	3 1/8	9	2	8-16d	6-16d	8-SD #10x2 1/2	6-SD #10x2 1/2

1. Indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.  
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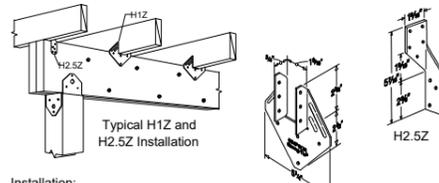
LUS Joist Hangers by SIMPSON STRONG TIE  
NTS



Model No.	Dimensions (in.)					Fasteners				
	W1	W2	L1	L2	H1 #2	Beam Flange	Post Flange	Beam Flange		
BC4Z	3 9/16	3 9/16	2 7/8	2 7/8	3	3	6-16d	6-16d	6-SD #10x1 1/2	6-SD #10x1 1/2
BC6Z	5 1/2	5 1/2	4 3/8	4 3/8	3 3/8	3 3/8	12-16d	12-16d	-	-
BCS2-2/4Z	3 1/8	3 9/16	2 7/8	2 7/8	2 15/16	2 15/16	8-10d	6-10d	8-SD #9x2 1/2	6-SD #9x2 1/2
BCS2-3/6Z	4 5/8	5 9/16	4 3/8	2 7/8	5 1/16	2 15/16	12-16d	6-16d	-	-

1. Indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.  
2. Refer to current Wood Construction Connectors catalog for additional information.

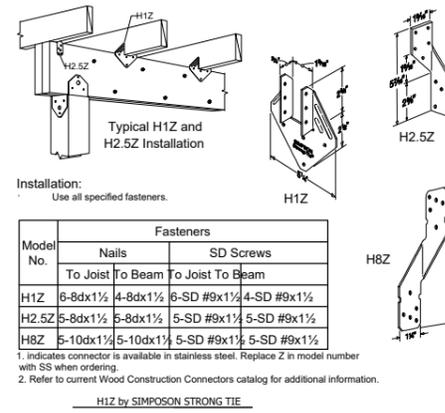
BC, BCS Post Caps by SIMPSON STRONG TIE  
NTS



Model No.	Fasteners			
	Nails		SD Screws	
	To Joist	To Beam	To Joist	To Beam
H1Z	6-8dx1 1/2	4-8dx1 1/2	6-SD #9x1 1/2	4-SD #9x1 1/2
H2.5Z	5-8dx1 1/2	5-8dx1 1/2	5-SD #9x1 1/2	5-SD #9x1 1/2
H8Z	5-10dx1 1/2	5-10dx1 1/2	5-SD #9x1 1/2	5-SD #9x1 1/2

1. Indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.  
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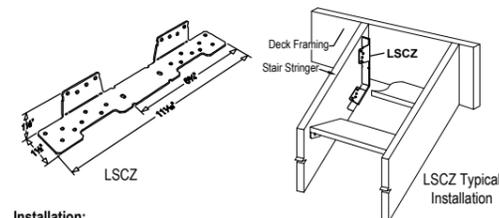
H1Z by SIMPSON STRONG TIE  
NTS



Model No.	Fasteners			
	Nails		SD Screws	
	To Joist	To Beam	To Joist	To Beam
H1Z	6-8dx1 1/2	4-8dx1 1/2	6-SD #9x1 1/2	4-SD #9x1 1/2
H2.5Z	5-8dx1 1/2	5-8dx1 1/2	5-SD #9x1 1/2	5-SD #9x1 1/2
H8Z	5-10dx1 1/2	5-10dx1 1/2	5-SD #9x1 1/2	5-SD #9x1 1/2

1. Indicates connector is available in stainless steel. Replace Z in model number with SS when ordering.  
2. Refer to current Wood Construction Connectors catalog for additional information.

H1Z by SIMPSON STRONG TIE



- Installation:**
- Before fastening, position the stair stringer with the LSCZ on the carrying member to verify where the bend should be located.
  - Tabs on the LSCZ must be positioned to the inside of the stairs.
  - The fastener that is installed into the bottom edge of the stringer must go into the second-to-last hole.
  - A minimum distance of 1/2" measured from the lowest rim-joist fastener to the edge of rim joist is required.

Model No.	Fasteners					
	Nails			SD Screws		
	Rim Joist	Stringer Wide Face	Stringer Narrow Face	Rim Joist	Stringer Wide Face	Stringer Narrow Face
LSCZ	8-10dx1 1/2	8-10dx1 1/2	1-10dx1 1/2	8-SD #9x1 1/2	8-SD #9x1 1/2	1-SD #9x1 1/2

1. Indicates connector is available in stainless steel. Replace Z in model number with SS when ordering. Stainless steel models must be fastened with nails.  
2. Refer to current Wood Construction Connectors catalog for additional information.

LSC Stair Stringer Connector

ADDRESS

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PREPARED BY-

CONNECTION DETAILS

SHEET TITLE-

Date:	2/20/2026
Project No:	xxx
Drawn By:	RB
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Scale:	AS SHOWN
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SCALE BAR 1/4"=1'-0"

