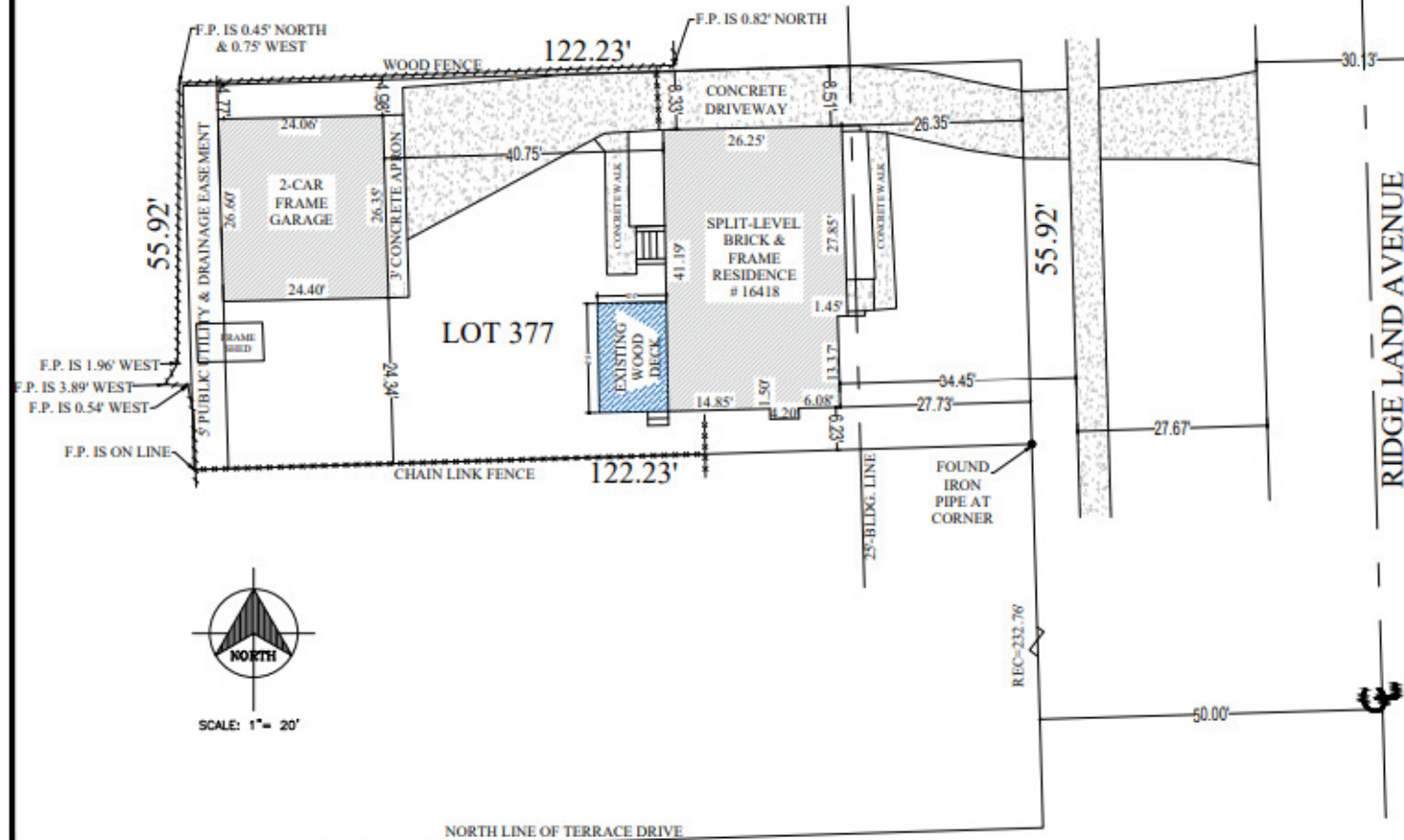




PROJECT NAME:
PROPOSED 10'-0" x 20'-0" ATTACHED REAR DECK

PROJECT ADDRESS:
16418 RIDGELAND AVE. TINLEY PARK, IL

PROJECT TYPE: RESIDENTIAL DECK

Drawn by: EW

Checked by: EW

Project No.:

Date: AS NOTED

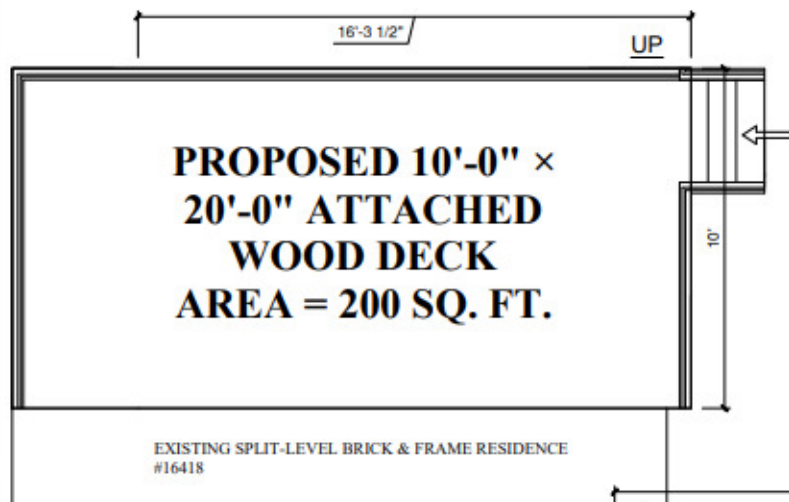
EXISTING SITE PLAN

Sheet No.:

SP-01

Date: 10/23/2024

Page: 001



**PROPOSED 10'-0" ×
20'-0" ATTACHED
WOOD DECK
AREA = 200 SQ. FT.**

EXISTING SPLIT-LEVEL BRICK & FRAME RESIDENCE
#16418

DECK FLOOR PLAN

SCALE: $3/4" = 1'-0"$



6x6 P.T. SOUTHERN
PINE NO. 2 POST

6x6 P.T. SOUTHERN
PINE NO. 2 POST

3x6 P.T. SOUTHERN
PINE NO. 2 POST

L1 L1 — 2x10 P.T. SOUTHERN PINE NO. 2
LEDGER
ATTACHED TO EXISTING STRUCTURAL
WOOD RANDBRIM JOIST

**EXISTING SPLIT-LEVEL BRICK & FRAME RESIDENCE
#16418**

DECK POST PLAN

SCALE: $3/4" = 1'-0"$

PROJECT NAME:
PROPOSED 10'-0" x 20'-0" ATTACHED REAR DECK
PROJECT ADDRESS:
16418 RIDGELAND AVE TINLEY PARK, IL
PROJECT TYPE: RESIDENTIAL DECK

[illegible]

Druck Nr. 0000000000

Controlled by

Adjusted R²

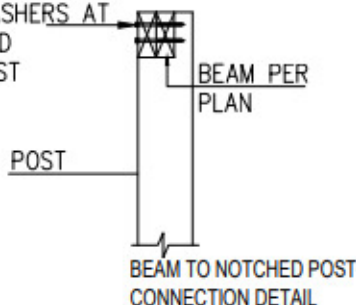
AS NOTED

DECK FLOOR & POST PLAN

22

1

PROVIDE (2) 1/2" DIA.
HOT-DIP-GALVANIZED
THROUGH-BOLTS WITH
NUTS AND WASHERS AT
EACH NOTCHED
BEAM-TO-POST
CONNECTION.



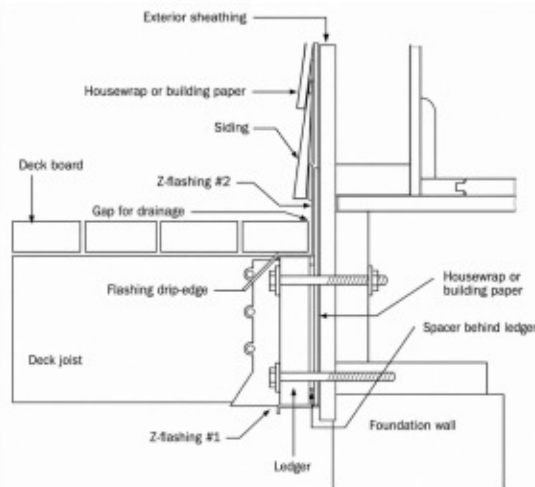
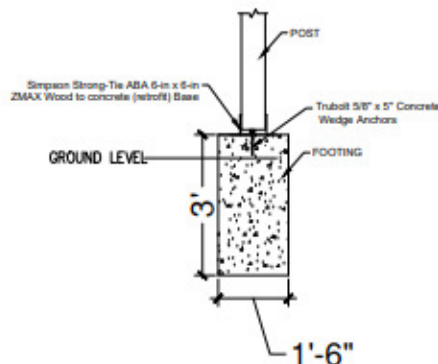
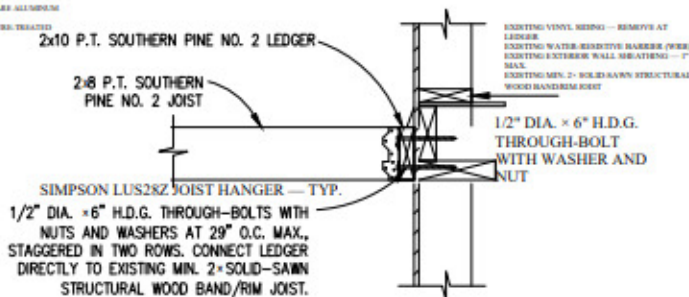
LEDGE FLAKING GENERAL SPECIFICATION

PROVIDE CONTINUOUS 601P MIN. STAINLESS STEEL
OR
PVC COATED METAL FLASHING ABOVE THE DECK
LEDGE.
FLASHING SHALL BE COMPATIBLE WITH
PRESERVE TREATMENT
LUMBER.

REMOVE EXISTING VINYL SIDING AT THE LEDGER LOCATION.
INSTALL THE VERTICAL LEG OF THE NEW PLASTERING.
INSTALL THE EXISTING WATER-RESISTIVE BARRIER (WRB).
LAP THE WRB OVER THE PLASTERING IN A SINGLE

EXTEND FLASHING OVER THE FULL TOP WIDTH OF THE
LEDGE AND FORM A DEEP EDGE OVER THE FRONT
FACE.
REAL ALL FASTENER PENETRATIONS WITH
APPROVED
EXTERIOR FLASHING TAPE OR SEALANT.

RETRACT ALL AND TERMINATE VINYL SIDING ABOVE THE FLASHING WITH THE MANUFACTURER'S REQUIRED CLEARANCE.
BEFORE ALL DISBURSED WOOD SHEATHING AFTER INSTALLATION, DO NOT USE BARE ALUMINUM FLASHING IN DIRECT CONTACT WITH PRESURE-TREATED LUMBER.



CONTINUOUS 0.019" MIN. STAINLESS-STEEL OR
PVC-COATED METAL Z-FLASHING. EXTEND BEHIND
EXISTING WRB, OVER TOP OF LEDGER AND DOWN
FRONT FACE TO FORM DRIP EDGE.

PROJECT NAME:
PROPOSED 10'-0" x 20'-0" ATTACHED REAR DECK

PROJECT ADDRESS:
16418 RIDGELAND AVE/TINLEY PARK, IL

PROJECT TYPE: RESIDENTIAL DECK

Activities	
Date	Description
Brown Up	EW
Limited up	EW
Avg'd Exp.	
Total	AS NOTED
Notes:	

A-03



Installation:

- For HUC installations, models have triangle round and triangle holes (fastener quantities listed fill both holes).
- For installations into single 2x headers or ledgers, use the specified full length fasteners into the joist and the following fasteners into the header for reduced loads in accordance with www.strongtie.com.
- 10d x 1 1/2" nails for installations with Nails.
- SD #6 x 1 1/2" for LUC262 and LUC210Z installations with SD Screws

Model No.	Dimensions (in.)			Fasteners			
	W	H	B	Nails		SD Screws	
				Header	Joist	Header	Joist
LUC26Z	1/8" x 4	3 1/4	1 3/4	6-10d	4-10d x 1 1/2"	6-SD #9 x 2 1/2"	4-SD #9 x 1 1/2"
LUC216Z	1/8" x 6	7 3/4	3 1/4	10-16d	6-10d x 1 1/2"	10-SD #9 x 2 1/2"	6-SD #9 x 1 1/2"
HUC26-ZZ	3/16" x 4	5/8"	2 1/2"	12-16d	8-10d	-	-
HUC28-ZZ	3/16" x 7	2 1/2"	1 1/4"	14-16d	8-10d	-	-
HUC210-ZZ	1/8" x 13	1 3/4"	2 1/2"	12-16d	10-10d	-	-

2. Refer to current Wood Construction Connectors catalog for additional information.

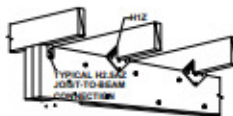


Installation

- LUS hangers install with double shear nailing.
- For installations into single 2x headers or ledgers, use the specified full length fasteners into the joint and the following fasteners into the header for reduced loads in accordance with www.strongtie.com:
 - ** 10dx1" nails for installations with Nails
 - ** SD #8x1" for LUS26Z and LUS210Z installations with SD Screws
 - ** SD #10x1" for LUS26-2Z and LUS210-2Z installations with SD Screws

Model No.	Dimensions (in.)			Fasteners			
				Nails		SD Screws	
	W	H	B	Header	Joist	Header	Joist
D LUS28Z	1 9/16	6 5/8	1 3/4	6-10d	4-10d	6-SD #9x2 1/2	4-SD #9x2 1/2

2. Refer to current Wood Construction Connectors catalog for additional information.



Installation:

- Use all specified fasteners.

Model No.	Fasteners	
	Nails	SD Screws
	To Joist To Beam	To Joist To Beam
H2-5Z	5-8dx1½ 5-8dx1½	5-SD #9x1½ 5-SD #9x1½

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.

PROVIDE (2) SIMPSON STRONG-TIE DTT2Z DECK TENSION-TIE CONNECTIONS, ONE WITHIN 24" OF EACH END OF THE DECK LEDGER.

EACH DTT2Z SHALL HAVE 1,500-LB MIN. ASD CAPACITY AND SHALL BE INSTALLED WITH (8) 1/4" x 1-1/2" SIMPSON SDS HEAVY-DUTY CONNECTOR SCREWS AND 1/2" DIA. H.D.G. THREADED ROD, NUTS AND WASHERS.

CONNECT THE DECK JOIST TO THE EXISTING HOUSE FLOOR-JOIST FRAMING. PROVIDE SOLID BLOCKING WHERE REQUIRED. INSTALL PER CURRENT SIMPSON DTT2Z MANUFACTURER'S INSTRUCTIONS.

PROJECT NAME:
PROPOSED 10'-0" x 20'-0" ATTACHED REAR DECK
PROJECT ADDRESS:
16418 RIDGELAND AVE TINLEY PARK, IL
PROJECT TYPE: RESIDENTIAL DECK

Referrals	
Date	Description
Drawn Up	EW
Discharged up	EW
Airport Drop	
Note	AS NOTED
Home Address	

A-04

