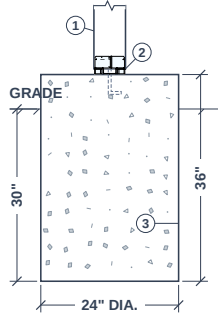


01 Footing detail

FOOTING / POST SECTION

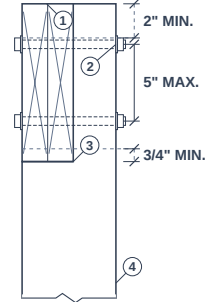


CONNECTION SCHEDULE

- 1 6x6 PT POST
- 2 POST BASE: SIMPSON ABA66Z
- 3 ROUND CONCRETE FOOTING
24" DIA. x 36" THICK

02 Post-to-beam detail

NOTCHED POST / SECTION

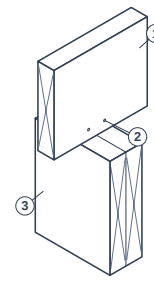


CONNECTION SCHEDULE

- 1 DOUBLE 2x10 BEAM
- 2 (2) 1/2" THROUGH-BOLTS
(4) AT SPLICES
- 3 FULL NOTCH BEARING
- 4 6x6 PT POST

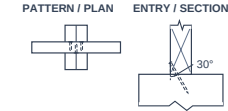
03 Joist-to-beam detail

DROPPED BEAM / BEARING



CONNECTION SCHEDULE

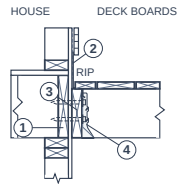
- 1 2x8 joist
16" O.C.
- 2 Toe-nail connection
(3) 8d threaded
- 3 DOUBLE 2X10
Full-width bearing



DCA6 Fig.6: (3) threaded 8d nails per bearing; 2 one side, 1 opposite. Beam-ply fastening is separate.

04 Ledger to house detail

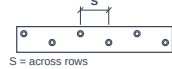
JOIST END / SIDE ELEVATION



CONNECTION SCHEDULE

- 1 House rim
- 2 Flashing
- 3 2x8 ledger
- 4 Joist hanger

STAGGERED ROWS



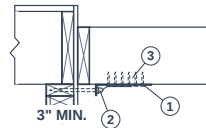
1/2" LAG SPACING / REFERENCE

Joist span up to (ft)	6	8	10	12	14	16	18
Max. spacing (in.)	30	23	18	15	13	11	10

DCA6 Table 5 / Fig.19: 40 live + 10 dead psf; 2x8 ledger / 2x rim;
15/32" max. sheathing. Top/ends: 2" min.; bottom: 3/4" min.; rows:
5" max. Species, lower row, penetration: source. No veneer.
Estimate: 16" O.C.

05 Lateral load connection detail

WALL-PLATE INSTALLATION



FASTENING SCHEDULE

- 1 DTT1Z tension tie
4 locations / 750 lb each
- 2 House anchor
House anchor per Simpson
- 3 Connector fasteners
(6) #9 x 1-1/2" SD per tie

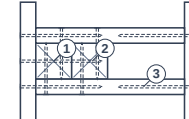
UNDERSIDE / FASTENERS



C-C-2026 p.326. Center anchor in upper wall plate; verify house framing.

06 Rail post to frame detail

PLAN / DECKING OMITTED



BAND FACE



SIDE / OPPOSING SCREWS



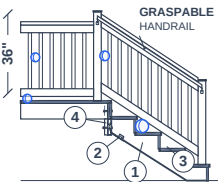
SDWS DETAIL A / PT 2x8 FRAME

C-F-2025TECHSUP pp.186-188.

2 matching / 8 other posts: separate detail.

07 Stair stringer / rail detail

STRINGER / GUARD ELEVATION



CONNECTION KEY

- 1 Cut stringer
2x12 / 16" O.C.
- 2 LSCZ
17 SD9112 / connector
- 3 Treads / risers
11" run / 7 1/4" rise
- 4 HEADER

	RIM	
-	HEADER	-

Sphere must not pass: 4" deck / 4-3/8" stair / 6" step

IRC 2021 / STAIR LIMITS
7 3/4" MAX RISE 10" MIN RUN 34-38" HANDRAIL
3/8" MAX VAR.

SD9112 (#9 x 1-1/2): 8 rim + 8 side + 1 bottom.
LSCZ: C-C-2026 p.321. Stacked header: Trex ch.3; 2x supports per project.

Company

DeckDraft

Customer

Detail System Review

View

Typical Details

Scale

NTS - Details

Sheet

1 of 1

Date

10/14/2026