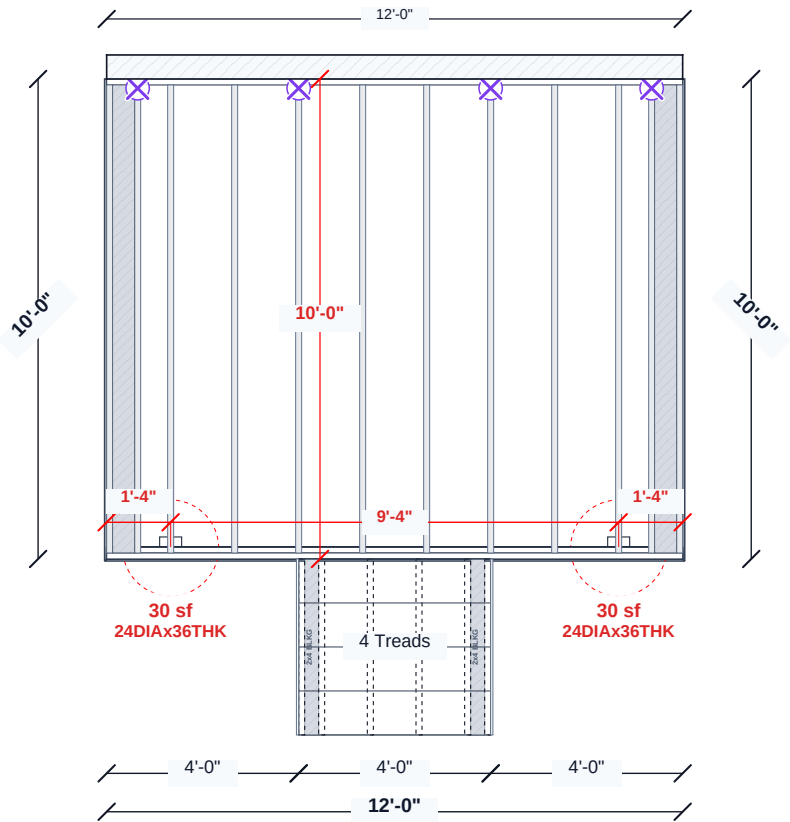


Framing Notes					
Item	Detail	Item	Detail	Item	Detail
Ledger Board	2x8 PT ledger board	Span Basis	No. 2; wet service.	Joist-to-beam	Diagonal toe-nail at joist-to-beam
Framing	No. 2 Southern Pine; PT.	Joists	2x8 @ 16" O.C.	Post-to-beam	Notched post + through-bolts, (2) per connection, (4) at beam splices
Design Load	IRC 2024; 50 psf Ground Snow	Beams	Double 2x10	Lateral Load	✕ 4 x 750 lb tie-downs
				Support Posts	6x6 PT
				Footing Size	24" diameter round
				Stair Stringers	2x12 @ 16" O.C.



Company

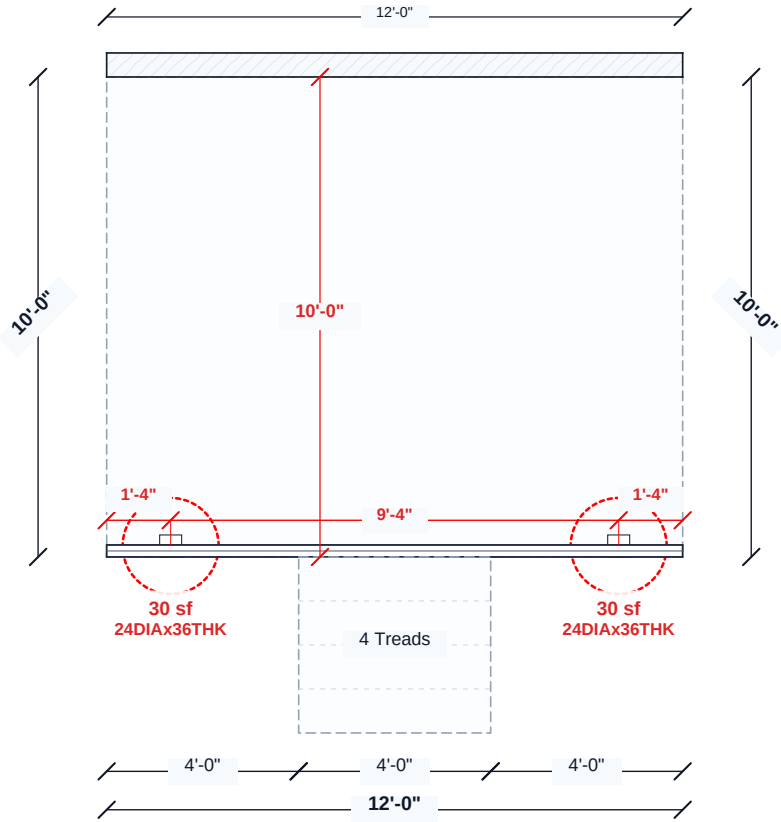
DeckDraft

Customer

Detail System Review

View
Framing View
Scale
1/4" = 1'-0" @ Letter
Sheet
1 of 9
Date
10/15/2026

Foundation Notes					
Item	Detail		Item	Detail	
Foundation Layout	Field-verify centers/dimensions before excavation.		Footing Size	24" diameter round x 36" thick	
Support Posts	6x6 PT		Soil Bearing	1500 psf assumed	



Company

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Customer

Detail System Review

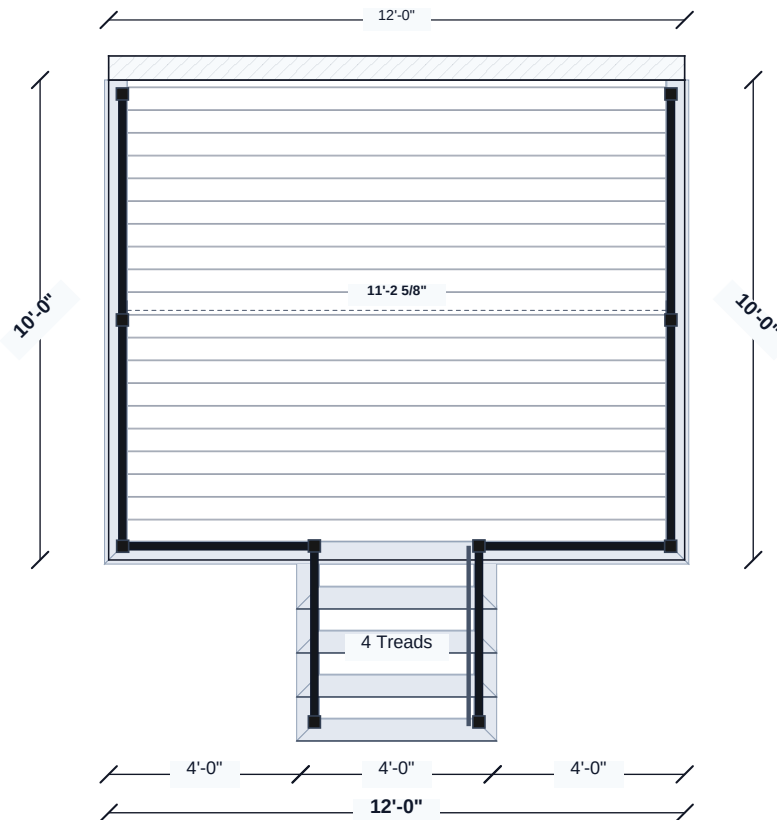
View
Foundation Plan

Scale
1/4" = 1'-0" @ Letter

Sheet
2 of 9

Date
10/15/2026

Railing & Decking Notes					
Item	Detail	Item	Detail	Item	Detail
Decking Material	Trex Composite	Seam Board Color	Havana Gold	Rail Posts	3x3 Aluminum Posts
Decking Line	Transcend	Railing	Standard aluminum picket rail 36"	Rail Max Section	8'-0"
Decking Main Color	Havana Gold	Rail Finish	Black aluminum	Grab rail	Right
Picture Frame Color	Spiced Rum	Post Finish	Black aluminum	Fascia	Match picture frame
				Stair Risers	Match fascia
				Stair Side Trim	Sawtooth fascia



Company	Revenue	Profit	Assets	Liabilities	Equity
Company A	100	20	120	80	40
Company B	150	30	180	120	60
Company C	200	40	240	160	80
Company D	250	50	300	200	100
Company E	300	60	360	240	120

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Customer

Detail System Review

View

Decking View

Scale

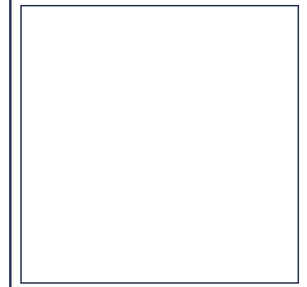
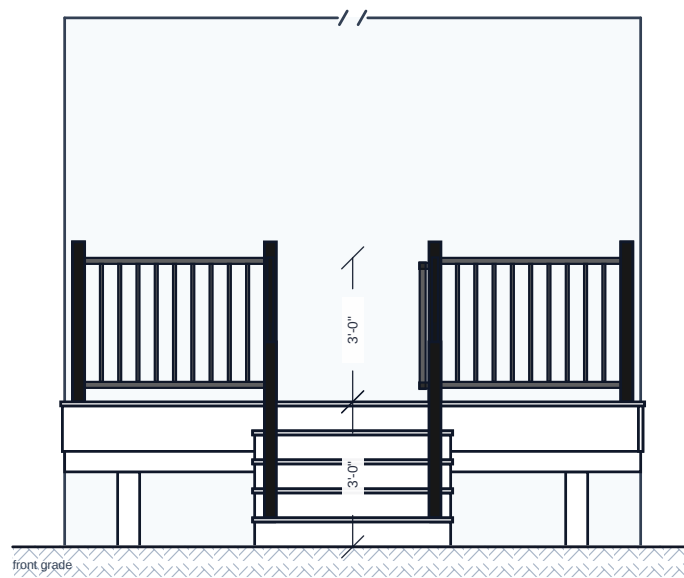
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Sheet

3 of 9

Date

10/15/2026



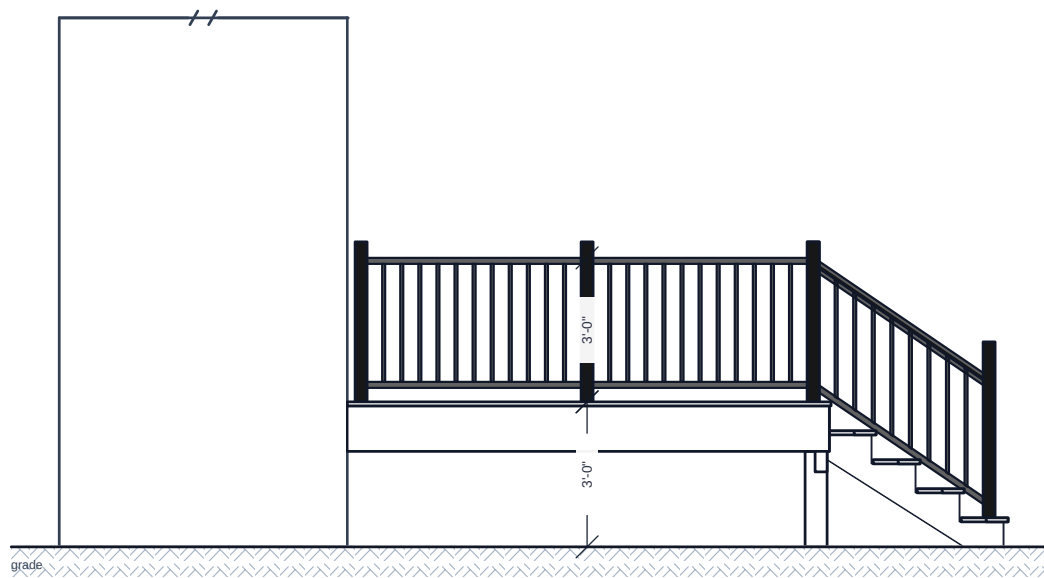
Company

DeckDraft

Customer

Detail System Review

View
Front Elevation
Scale
1/4" = 1'-0" @ Letter
Sheet
4 of 9
Date
10/15/2026



Company

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Customer

Detail System Review

View

Left Elevation

Scale

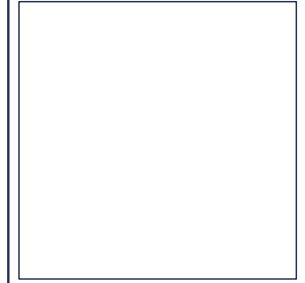
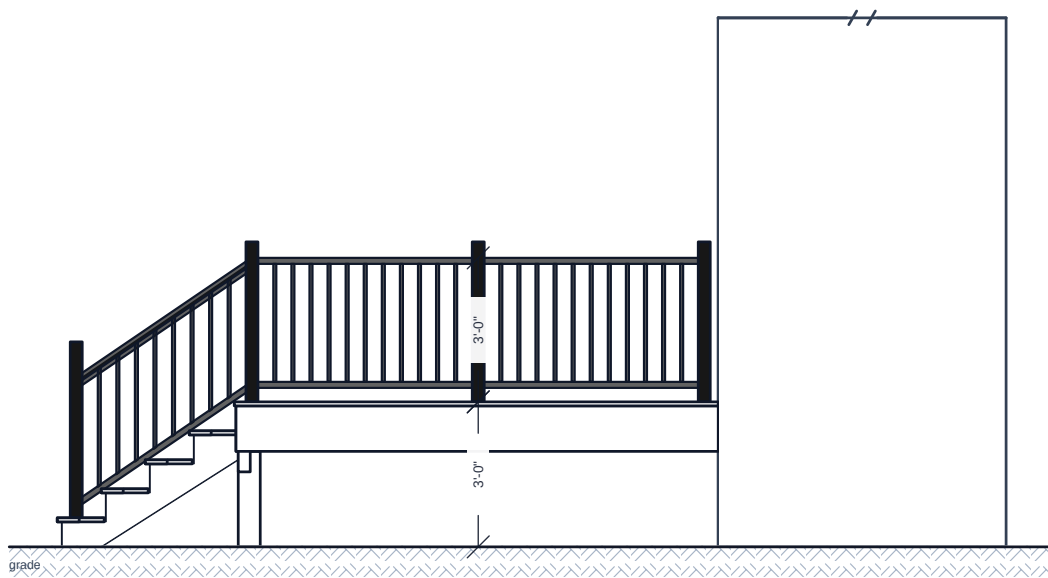
1/4" = 1'-0" @ Letter

Sheet

5 of 9

Date

10/15/2026



Company

DeckDraft

Customer

Detail System Review

View
Right Elevation

Scale
1/4" = 1'-0" @ Letter

Sheet
6 of 9

Date
10/15/2026

Material Takeoff (1 of 2)

DECK AREA 122.7 sf	STAIR AREA 17.5 sf	TOTAL SURFACE 140.2 sf	FOOTINGS 2	FOOTING CONCRETE 0.70 yd3	RAIL LENGTH 35.6 lf	RAIL POSTS 10
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Takeoff Basis			
Item	Qty	Unit	Notes
Wood framing grade: No. 2	-	note	No. 2 standard dimensional PT deck and stair/ramp framing. Span basis: No. 2, wet service. Engineered beams retain their product grade.

Framing Lumber / Stock Lengths			
Item	Qty	Unit	Notes
2x10 PT beam ply - 12'	2	pcs	
2x4 PT stair picture-frame blocking - 8'	2	pcs	
2x8 PT front rim - 12'	1	pcs	
2x8 PT joist - 10'	12	pcs	
2x8 PT ledger - 12'	1	pcs	
6x6 PT support post - 8'	2	pcs	
Flat blocking allowance - single picture frame	19.5	lf	2 support runs; 2x6 flat shown. Support-run LF only; select purchase lumber.

Decking / Stock Lengths			
Item	Qty	Unit	Notes
Trex Transcend Havana Gold, 5/4x6 grooved - 12'	21	pcs	
Trex Transcend Havana Gold, 5/4x6 square-edge - 20'	2	pcs	Stair treads.
Trex Transcend Spiced Rum, 5/4x6 square-edge - 20'	2	pcs	Stair treads.
Trex Transcend Spiced Rum (picture-frame), 5/4x6 square-edge - 20'	3	pcs	
11.375 x 0.56 in Trex Transcend fascia - Spiced Rum (fascia) - 12'	4	pcs	Source boards for deck fascia and stair sides. 6 installed cuts total across this product group, 40.88 lf. Cuts share compatible stock with 1/8 in saw kerf between length cuts. Stock: 12 ft. Verify supplier availability and installation details.
1/2x8 composite stair riser board - Trex Transcend - Spiced Rum - 12'	2	pcs	8" nominal risers from 12' stock: 2 boards / 4 @ 4'-1"; top riser from fascia.

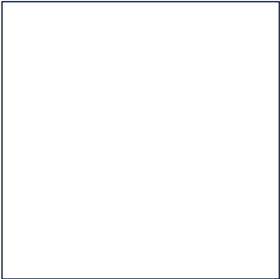
Stock pieces include optimized offcut. Added job allowances are identified in their rows. LF/SF are net unless noted. Full-depth blocking matches joist material. Flat-blocking LF measures support runs, not purchase lumber; select members for full bearing. Add unmodeled field blocking and waste.

Set stock and allowances in Job Details > Takeoff. Resolve order reviews before purchasing.

Stair-Specific Items			
Item	Qty	Unit	Notes
2x12 PT stair stringer - 8'	6	pcs	
Stair 1: 4.0' wide, 4 treads	1	ea	6 stringers @ 16" O.C.; picture-frame: 2 blocking runs; treads + overhang; nominal 8" risers (7.25" actual); top riser from fascia.

Railing			
Item	Qty	Unit	Notes
Standard aluminum picket rail level rail kit - 6'-0"	6	kits	Cuts: 4 @ 4'-9", 2 @ 4'-0"; infill included.
Standard aluminum picket rail stair rail kit - 6'-0"	2	kits	Cuts: 2 @ 4'-5"; infill included.
3x3 Aluminum Posts	8	ea	
3x3 Aluminum Posts - longer stair rail post	2	ea	Downhill/intermediate posts +4"; upper landing post standard.
Surface-mounted guard-post connection allowance	10	sets	One allowance per modeled metal guard post, including stairs. Specify selected base fasteners, washers/back plate, blocking and block attachments per actual manufacturer/project detail. The surface-post reference drawing does not select exact hardware or blocking cuts; stair and corner supports require their own detail.
Stair grab rail	1	ea	3.67 lf total; connectors listed separately.
90-degree grab rail return	2	ea	One at each non-wood grab-rail end.

Concrete + Footings			
Item	Qty	Unit	Notes
Concrete footing count	2	ea	Includes 2 deck support + 0 stair support
Concrete volume	0.7	cu yd	32 x 80-lb bags or 42 x 60-lb bags
Concrete basis	1	note	Deck: configured footing sizes and project thickness.



Company

DeckDraft

Customer

Detail System Review

View
Material Takeoff

Scale
NTS - Schedule

Sheet
7 of 9

Date
10/15/2026

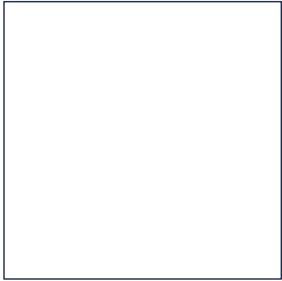
Material Takeoff (2 of 2)

Hardware + Connectors			
Item	Qty	Unit	Notes
0.162 in x 3-1/2 in HDG connector nails - ABA66Z post bases	16	pcs	8/base; 2 bases. Manufacturer nail schedule; approved SD substitutions replace nails. Match corrosion protection.
Concrete anchor / washer schedule - ABA66Z	-	review	ORDER REVIEW: 2 bases: select anchor type, length, embedment and required washer/nut hardware for the concrete and loads. Anchor hardware is not included.
Z flashing - 8'	2	pcs	12 net LF.
House flashing	12	lf	Order whole rolls.
Picture-frame screws / plugs	32.33	lf	LF allowance; follow screw / plug schedule.
#9 x 1-1/2" SD connector screws - tension ties	24	pcs	Simpson SD/SDS schedule; installed quantity. DTT2Z screws supplied in kit; avoid duplicate purchase.
1/2" beam through-bolts	4	pcs	2 per post connection; 4 at beam splices.
1/2" ledger lag screws	10	pcs	12.0 lf @ generic 16" O.C.; verify approved connection schedule.
1/2" nuts - beam through-bolts	4	pcs	1 per bolt.
1/2" washers - beam through-bolts	8	pcs	2 per bolt: head + nut.
1/2" washers (ledger lag screws)	10	pcs	1 per ledger lag.
750 lb deck tension tie (DTT1Z)	4	pcs	Per deck level; verify detail / fasteners.
8d toe-nails - joist-to-beam	36	pcs	3 threaded 8d per modeled dropped-beam bearing (AWC DCA6 Fig.6); verify project fastening and corrosion compatibility.
Composite/PVC hidden fastener boxes (~50 sf/box)	3	boxes	104.3 sf field boards; features face-fastened separately.
Fascia/trim screws	164	pcs	40.88 lf finish trim @ 4/lf (40.88 lf deck/stair trim).
2x8 single outer-joist hanger (concealed flange)	2	pcs	Exterior packs; shared ledger packs use face-mount. Verify hanger / fasteners.
Joist hanger (2x8)	10	pcs	
Post base connector (ABA66Z)	2	pcs	Uses the selected project footing connector for modeled support posts. Verify anchor, uplift, reactions, corrosion exposure, and approval before ordering.

Hardware + Connectors (continued)			
Item	Qty	Unit	Notes
SD9112 #9 x 1-1/2" screws - LSCZ stringer connectors	102	pcs	17 SD9112 per LSCZ (standard): 8 into header/rim + 8 into wide stringer face + 1 into bottom edge, second-to-last hole. Installed screw quantity; connector not a kit. Header attachment fasteners are separate. C-C-2026 p.321.
Stair stringer connector (LSCZ)	6	pcs	One LSCZ per modeled wood stringer per flight; standard screw installation. Verify C-C-2026 pp.320-321 framing/support conditions and loads. Header/support attachment remains a project detail.
Joist-hanger nails / screws	120	pcs	Estimate: 10/hanger. ORDER REVIEW: replace with the selected hanger nail/screw sizes and schedule.
Tension-tie house-anchor allowance	4	pcs	One anchorage set per location; verify substrate, embedment, length and kit contents.

Stock pieces include optimized offcut. Added job allowances are identified in their rows. LF/SF are net unless noted. Full-depth blocking matches joist material. Flat-blocking LF measures support runs, not purchase lumber; select members for full bearing. Add unmodeled field blocking and waste.

Set stock and allowances in Job Details > Takeoff. Resolve order reviews before purchasing.



Company

DeckDraft

Customer

Detail System Review

View

Material Takeoff

Scale

NTS - Schedule

Sheet

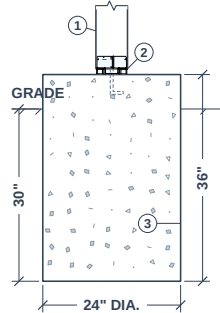
8 of 9

Date

10/15/2026

01 Footing detail

FOOTING / POST SECTION

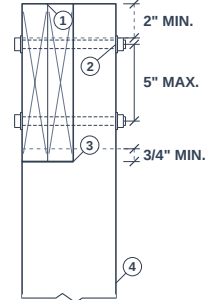


CONNECTION SCHEDULE

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

02 Post-to-beam detail

NOTCHED POST / SECTION

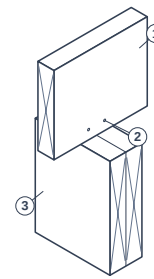


CONNECTION SCHEDULE

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

03 Joist-to-beam detail

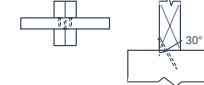
DROPPED BEAM / BEARING



CONNECTION SCHEDULE

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

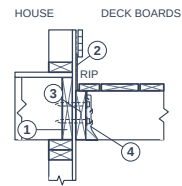
PATTERN / PLAN ENTRY / SECTION



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

04 Ledger to house detail

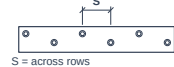
JOIST END / SIDE ELEVATION



CONNECTION SCHEDULE

- House rim
- Flashing
- 2x8 ledger
- Joist hanger

STAGGERED ROWS



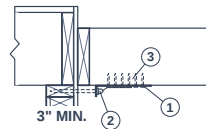
1/2" LAG SPACING / REFERENCE

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

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

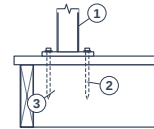
UNDERSIDE / FASTENERS



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

06 Rail post to frame detail

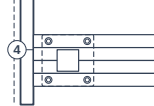
SURFACE POST / SECTION



CONNECTION SCHEDULE

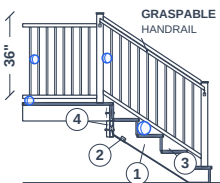
- Post + base
Selected system
- Lags + washers
Size / count: selected base
- Full-depth blocks
2 doubled pairs / fit to base
- Blocking to joists
Project blocking fasteners

PLAN / DECK EDGE AT LEFT



07 Stair stringer / rail detail

STRINGER / GUARD ELEVATION



CONNECTION KEY

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

	RIM	
-	HEADER	-

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

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

Material reports

PRODUCT

Decking
Trex Transcend

REPORT

[CCRR-0301](#)

Company

DeckDraft

Customer

Detail System Review

View

Typical Details

Scale

NTS - Details

Sheet

9 of 9

Date

10/15/2026