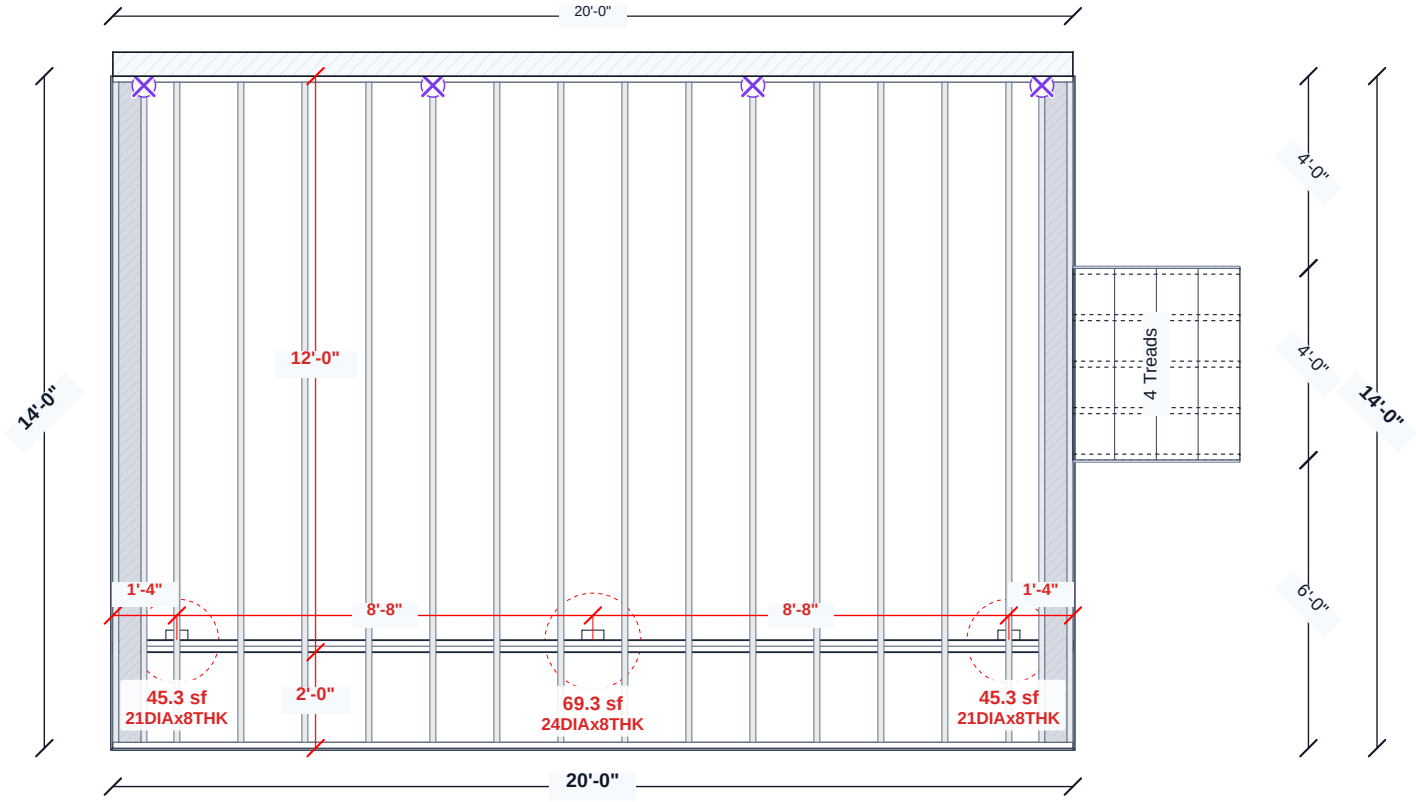
Framing Notes							
Item	**Detail**	**Item**	**Detail**	**Item**	**Detail**	**Item**	**Detail**
Ledger Board	2x10 PT ledger board	**Span Basis**	No. 2; wet service.	**Joist-to-beam**	Diagonal toe-nail at joist-to-beam	**Support Posts**	6x6 PT
Framing	No. 2 Southern Pine; PT.	**Joists**	2x10 @ 16" O.C.	**Post-to-beam**	Notched post + through-bolts, (2) per connection, (4) at beam splices	**Footing Size**	24" diameter round
Design Load	IRC 2024; 50 psf Ground Snow	**Beams**	Double 2x12	**Lateral Load**	4 x 750 lb tie-downs	**Stair Stringers**	2x12 @ 12" O.C.



Company

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Customer

Sample Deck

View

Framing View

Scale

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

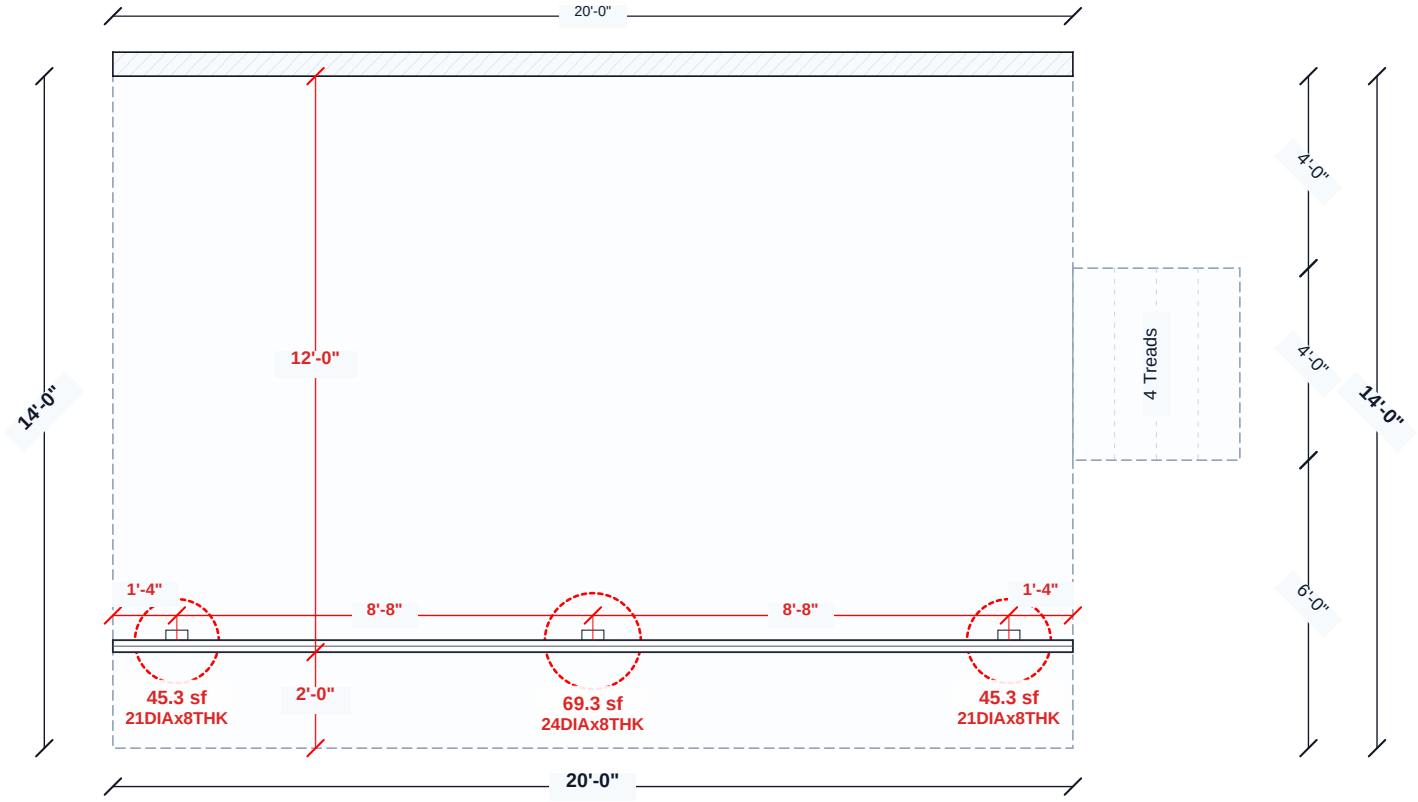
Sheet

1 of 9

Date

11/9/2026

Foundation Notes					
Item	**Detail**	**Item**	**Detail**	**Item**	**Detail**
Foundation Layout	Field-verify centers/dimensions before excavation.	**Footing Size**	24" diameter round x 8" thick		
Support Posts	6x6 PT	**Soil Bearing**	1500 psf assumed		



Company

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Sample Deck

View

Foundation Plan

Scale

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

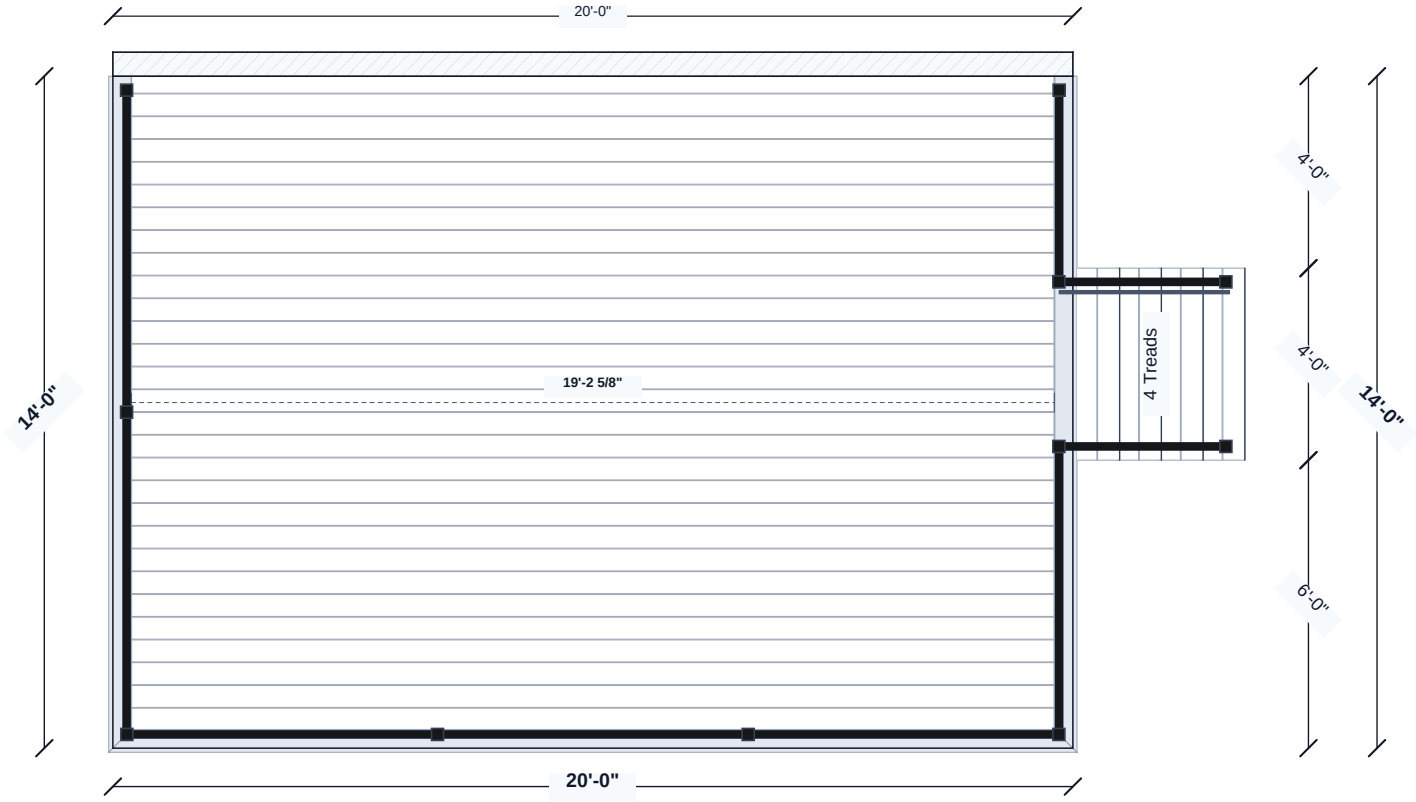
Sheet

2 of 9

Date

11/9/2026

Railing & Decking Notes					
Item	**Detail**	**Item**	**Detail**	**Item**	**Detail**
Decking Material	Composite	**Rail Posts**	3x3 Aluminum Posts	**Stair Risers**	Match fascia
Railing	Standard aluminum picket rail 36"	**Rail Max Section**	8'-0"	**Stair Side Trim**	Sawtooth fascia
Rail Finish	Black aluminum	**Grab rail**	Right		
Post Finish	Black aluminum	**Fascia**	Match decking		



Company

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Customer

Sample Deck

View

Decking View

Scale

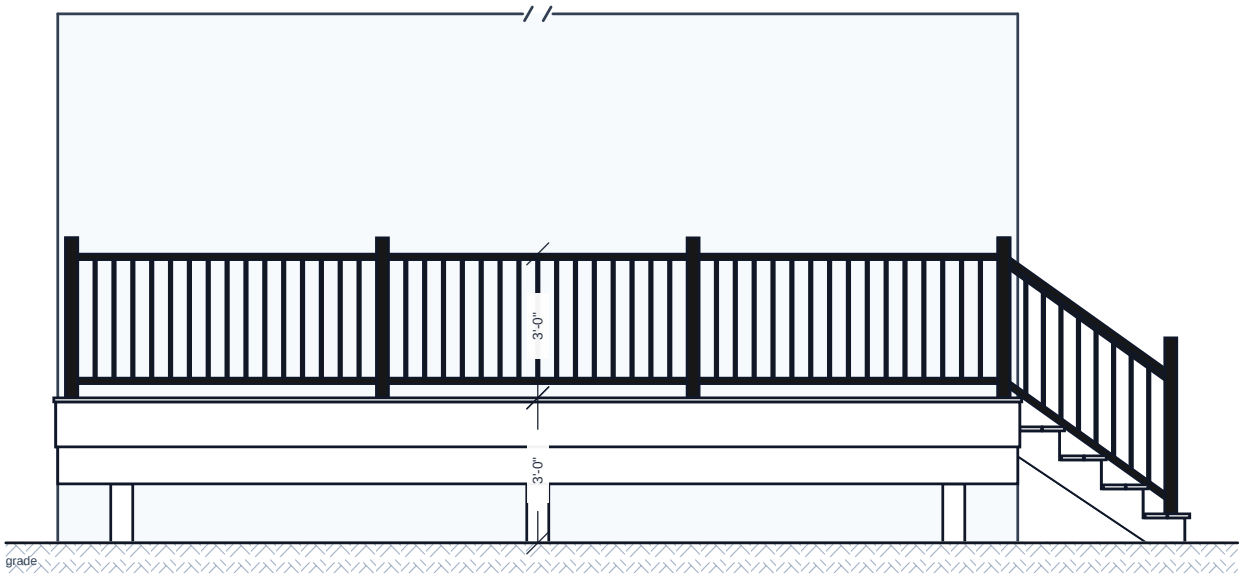
1/4" = 1'-0" @ Letter

Sheet

3 of 9

Date

11/9/2026



Company

DeckDraft

Customer

Sample Deck

View

Front Elevation

Scale

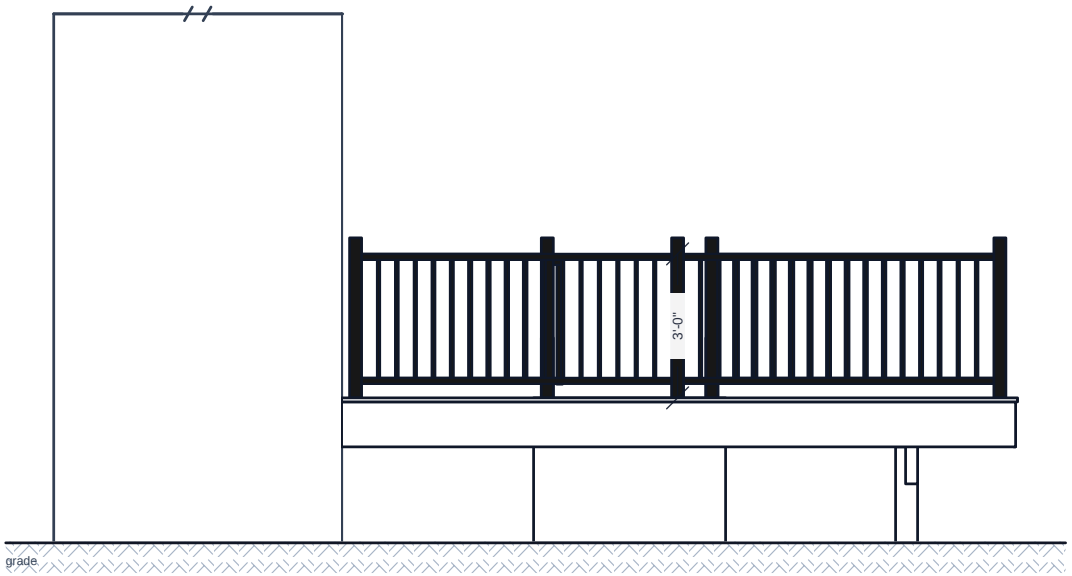
1/4" = 1'-0" @ Letter

Sheet

4 of 9

Date

11/9/2026



Company

DeckDraft

Customer

Sample Deck

View

Left Elevation

Scale

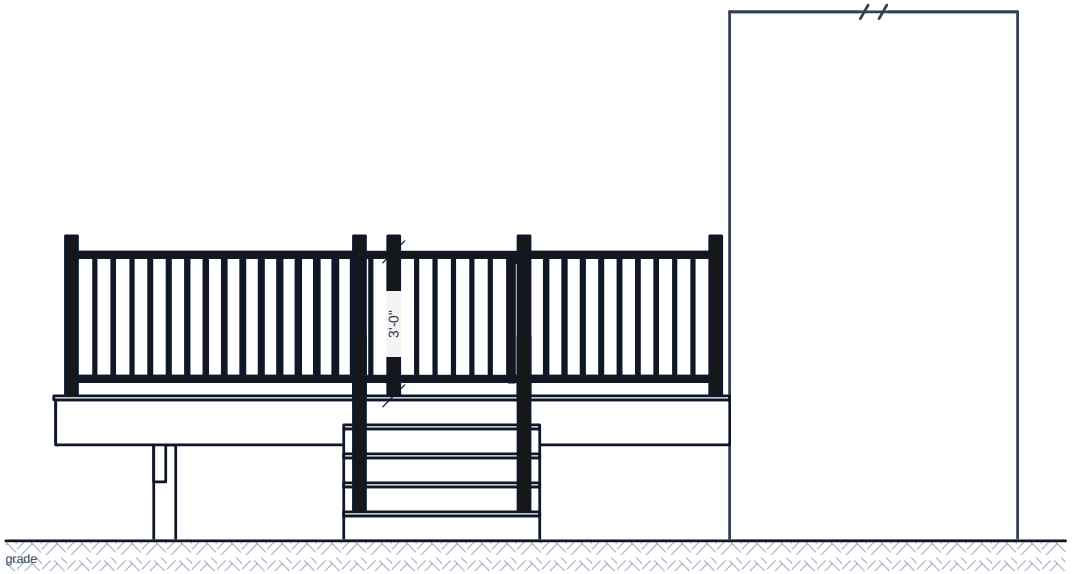
1/4" = 1'-0" @ Letter

Sheet

5 of 9

Date

11/9/2026



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DeckDraft

Customer

Sample Deck

View

Right Elevation

Scale

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

Sheet

6 of 9

Date

11/9/2026

Material Takeoff (1 of 2)

DECK AREA	STAIR AREA	TOTAL SURFACE	FOOTINGS	FOOTING CONCRETE	RAIL LENGTH	RAIL POSTS
284.0 sf	15.0 sf	299.0 sf	3	0.20 yd3	51.3 lf	11

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 front rim - 20'	1	pcs	
2x10 PT joist - 14'	18	pcs	
2x10 PT ledger - 20'	1	pcs	
2x12 PT beam ply - 20'	2	pcs	
6x6 PT support post - 8'	3	pcs	
Flat blocking allowance - single picture frame	27.5	lf	2 support runs; 2x6 flat shown. Support-run LF only; select purchase lumber.

Decking / Stock Lengths

Item	Qty	Unit	Notes
20', 5/4x6 grooved	29	pcs	
20', 5/4x6 square-edge	2	pcs	Stair treads.
5/4x6 square-edge composite deck board (picture-frame) - 20'	4	pcs	20'-2" picture-frame run (with overhang) exceeds 20' stock; splice over blocking and verify location.
1/2x12 composite deck trim board - 12'	6	pcs	Deck perimeter + stair sides.
1/2x8 composite stair riser board - Light Brown - 12'	2	pcs	8" nominal risers from 12' stock: 2 boards / 4 @ 4'-1"; top riser from fascia.

Stair-Specific Items

Item	Qty	Unit	Notes
2x12 PT stair stringer - 8'	5	pcs	
Stair 1: 4.0' wide, 4 treads	1	ea	5 stringers @ 12" O.C.; flush treads + side trim; nominal 8" risers (7.25" actual); top riser from fascia.

Railing

Item	Qty	Unit	Notes
Standard aluminum picket rail level rail kit - 8'-0"	5	kits	Cuts: 2 @ 6'-9", 3 @ 6'-6"; infill included.
Standard aluminum picket rail level rail kit - 6'-0"	2	kits	Cuts: 1 @ 6'-0", 1 @ 4'-0"; infill included.
Standard aluminum picket rail stair rail kit - 6'-0"	2	kits	Cuts: 2 @ 4'-3"; infill included.
3x3 Aluminum Posts	9	ea	
3x3 Aluminum Posts - longer stair rail post	2	ea	Downhill/intermediate posts +4"; upper landing post standard.
Surface-mounted guard-post connection allowance	11	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	3.48 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	3	ea	Includes 3 deck support + 0 stair support
Concrete volume	0.2	cu yd	9 x 80-lb bags or 12 x 60-lb bags
Concrete basis	1	note	Deck: configured footing sizes and project thickness.

Hardware + Connectors

Item	Qty	Unit	Notes
Z flashing - 8'	3	pcs	20 net LF.
House flashing	20	lf	Order whole rolls.
Picture-frame screws / plugs	48.33	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	6	pcs	2 per post connection; 4 at beam splices.

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

Sample Deck

View

Material Takeoff

Scale

NTS - Schedule

Sheet

7 of 9

Date

11/9/2026

Material Takeoff (2 of 2)

Hardware + Connectors (continued)			
Item	**Qty**	**Unit**	**Notes**
1/2" ledger lag screws	16	pcs	20.0 lf @ generic 16" O.C.; verify approved connection schedule.
1/2" nuts - beam through-bolts	6	pcs	1 per bolt.
1/2" washers - beam through-bolts	12	pcs	2 per bolt: head + nut.
1/2" washers (ledger lag screws)	16	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	54	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)	6	boxes	253.15 sf field boards; features face-fastened separately.
Fascia/trim screws	229	pcs	57.22 lf finish trim @ 4/lf (57.22 lf deck/stair trim).
2x10 single outer-joist hanger (concealed flange)	2	pcs	Exterior packs; shared ledger packs use face-mount. Verify hanger / fasteners.
Joist hanger (2x10)	16	pcs	
SD9112 #9 x 1-1/2" screws - LSCZ stringer connectors	85	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)	5	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	180	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

Sample Deck

View

Material Takeoff

Scale

NTS - Schedule

Sheet

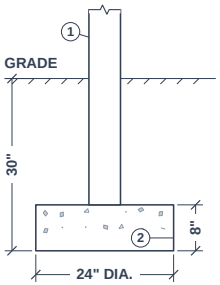
8 of 9

Date

11/9/2026

01 Footing detail

FOOTING / POST SECTION

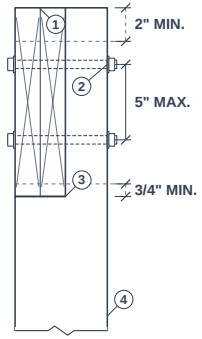


CONNECTION SCHEDULE

1. **6x6 PT POST**
2. **ROUND CONCRETE FOOTING**
   MIN. 24" DIA. x 8" THICK

02 Post-to-beam detail

NOTCHED POST / SECTION

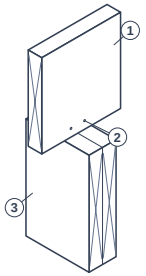


CONNECTION SCHEDULE

1. **DOUBLE 2x12 BEAM**
2. **(2) 1/2" THROTGH-BOLTS**
   (4) AT SPLICES
3. **FULL NOTCH BEARING**
4. **6x6 PT POST**

03 Joist-to-beam detail

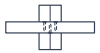
DROPPED BEAM / BEARING



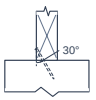
CONNECTION SCHEDULE

1. **2x10 joist**
   16" O.C.
2. **Toe-nail connection**
   (3) 8d threaded
3. **DOUBLE 2X12**
   Full-width bearing

PATTERN / PLAN



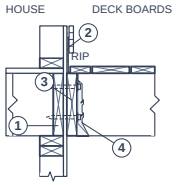
ENTRY / SECTION



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

04 Ledger to house detail

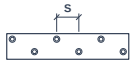
JOIST END / SIDE ELEVATION



CONNECTION SCHEDULE

1. **House rim**
2. **Flashing**
3. **2x10 ledger**
4. **Joist hanger**

STAGGERED ROWS



S = across rows

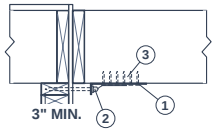
1/2" LAG SPACING / REFERENCE

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



UNDERSIDE / FASTENERS



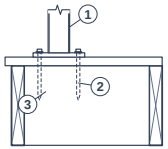
FASTENING SCHEDULE

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

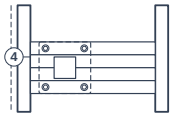
C-C-2026 p.326. Center anchor in upper wall plate; verify house framing.

06 Rail post to frame detail

SURFACE POST / SECTION



PLAN / DECK EDGE AT LEFT

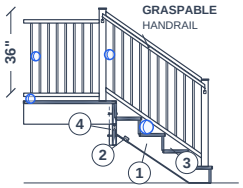


CONNECTION SCHEDULE

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

07 Stair stringer / rail detail

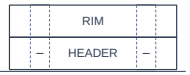
STRINGER / GUARD ELEVATION



CONNECTION KEY

1. **Cut stringer**
   2x12 / 12" O.C.
2. **LSCZ**
   17 SD9112 / connector
3. **Treads / risers**
   10 1/2" run / 7 1/4" rise

4 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.

Company

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Customer

Sample Deck

View

Typical Details

Scale

NTS - Details

Sheet

9 of 9

Date

11/9/2026