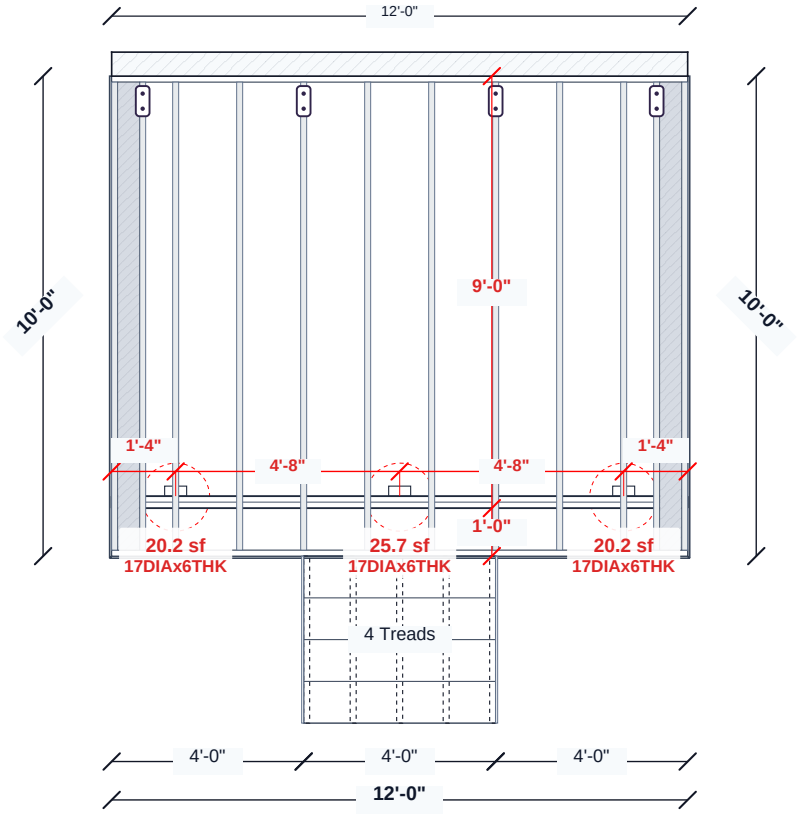
Framing Notes							
Item	**Detail**	**Item**	**Detail**	**Item**	**Detail**	**Item**	**Detail**
Ledger Board	2x10 PT ledger board	**Span Basis**	No. 2; wet service.	**Joist-to-beam**	Diagonal toe-nail at joist-to-beam	**Support Posts**	6x6 PT
Framing	No. 2 Southern Pine; PT.	**Joists**	2x10 @ 16" O.C.	**Post-to-beam**	Notched post + through-bolts, (2) per connection, (4) at beam splices	**Footing Size**	17" diameter round
Design Load	IRC 2024; 50 psf Ground Snow	**Beams**	Double 2x10	**Lateral Load**	4 x 750 lb tie-downs	**Stair Stringers**	2x12 @ 12" O.C.



Company

Sample Builder

Customer

Sample Deck

View

Framing View

Scale

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

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Material Takeoff (1 of 2)

DECK AREA	STAIR AREA	TOTAL SURFACE	FOOTINGS	FOOTING CONCRETE	RAIL LENGTH	RAIL POSTS
122.7 sf	15.0 sf	137.7 sf	3	0.09 yd3	35.3 lf	10

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	
2x10 PT front rim - 12'	1	pcs	
2x10 PT joist - 10'	12	pcs	
2x10 PT ledger - 12'	1	pcs	
6x6 PT support post - 8'	3	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
12', 5/4x6 grooved	21	pcs	
20', 5/4x6 square-edge	2	pcs	Stair treads.
5/4x6 square-edge composite deck board (picture-frame) - 20'	3	pcs	
1/2x12 composite deck trim board - 12'	4	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 - 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'-3"; 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	3.48 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	0.09	cu yd	4 x 80-lb bags or 6 x 60-lb bags
Concrete basis	1	note	Deck: configured footing sizes and project thickness.

Hardware + Connectors

Item	Qty	Unit	Notes
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	6	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.

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

Sample Builder

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Sample Deck

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Material Takeoff

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Material Takeoff (2 of 2)

Hardware + Connectors (continued)			
Item	**Qty**	**Unit**	**Notes**
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)	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	165	pcs	41.22 lf finish trim @ 4/lf (41.22 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)	10	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	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.

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Company

Sample Builder

Customer

Sample Deck

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Material Takeoff

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NTS - Schedule

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