



**Below are the Specifications And Materials
that you have selected for your deck.**

Overview	Number of Levels: 1	Footer Depth: 24"
	Total Square Feet: 288	Live Load: 40 Dead Load: 10

Component	Size	Wood Type
Joists	2x8	Top Choice Treated
Beams	2x8	Top Choice Treated
Posts	4x4	Top Choice Treated
Decking	5/4x6	Pressure Treated
Railing		Pressure Treated
Lattice		

FooterDepth	24"	Live Load	40 psf
		Dead Load	10 psf



Material List

Lumber Materials

Item Number	Quantity	Description	Usage
468938	22	Top Choice #2 Prime Pressure Treated Lumber (Common: 2 x 8 x 8; Actual: 1.5-in x 7.25-in x 96-in)	Rim Joist
468939	10	Top Choice #2 Prime Pressure Treated Lumber (Common: 2 x 8 x 10; Actual: 1.5-in x 7.25-in x 10-ft)	Rim Joist
468940	10	Top Choice #2 Prime Pressure Treated Lumber (Common: 2 x 8 x 12; Actual: 1.5-in x 7.25-in x 12-ft)	Beam
4644	6	Severe Weather 4-Step Alkaline Copper Quat Treated Deck Stair Stringer	Pre Cut Stringer
468991	4	5/4 x 6 x 16 Premium Treated Decking	Railing Section
639134	1	Severe Weather #2 Pressure Treated Lumber (Common: 4 x 4 x 8-ft; Actual: 3.5-in x 3.5-in x 8-ft)	Railing Post
468954	3	#2 Pressure Treated Lumber (Common: 4 x 4 x 16; Actual: 3.5-in x 3.5-in x 16-ft)	Railing Post
489068	9	6-FT PT TRU-FIT RAIL SECTN(66981)	Railing Section
468942	1	Top Choice #2 Prime Pressure Treated Lumber (Common: 2 x 10 x 8; Actual: 1.5-in x 9.25-in x 96-in)	Cladding
468944	2	Top Choice #2 Prime Pressure Treated Lumber (Common: 2 x 10 x 12; Actual: 1.5-in x 9.25-in x 12-ft)	Cladding
468945	1	Top Choice #2 Prime Pressure Treated Lumber (Common: 2 x 10 x 16; Actual: 1.5-in x 9.25-in x 16-ft)	Cladding
468941	1	Top Choice #2 Prime Pressure Treated Lumber (Common: 2 x 8 x 16; Actual: 1.5-in x 7.25-in x 16-ft)	Gusset
468950	4	#2 Pressure Treated Lumber (Common: 4 x 4 x 6; Actual: 3.5-in x 3.5-in x 72-in)	Post
468974	4	5/4 x 6 x 12 Premium Treated Decking	Stair Step

Other Materials

Item Number	Quantity	Description	Usage
116239	16	USP 2-in x 8-10-in Triple Zinc Slant Nail Joist Hanger	Joist Framing
69262	1	Grip-Rite 5 lb 9-Gauge 3-in Hot-Dipped Galvanized Smooth Nails	Joist Framing
37164	4	USP1-5/16-in x 2-3/8-in x 6-15/16-in Triple Zinc Angle Clip	Joist Framing
21993	40	USP 1-1/2-in x 6-1/2-in Triple Zinc Rafter Tie	Joist Framing
56928	1	Grip-Rite 5 lbs 9-Gauge 1-1/2-in Hot Dipped Galvanized Smooth Joist Hanger Nails	Joist Framing
10385	13	QUIKRETE 80 lbs Setting Post Concrete Mix	Footing to Post
10149	6	QUIKRETE 8-in Concrete Forming Tube	Footing to Post
193212	12	The Hillman Group 1/2-in x 10-in HDG Anchor Bolt	Footing to Post
249069	12	USP 4-in x 4-in Steel G185 Post Base	Footing to Post
63641	24	USP Steel G185 Post Cap (Common: 4-in; Actual: 3.562-in)	Post to Beam
29926	6	USP 1-3/4-in x 5-1/16-in Triple Zinc Slope/Skew Hanger	CladRimOrStair
67377	26	The Hillman Group 1/2-in- 13 x 8-in Hot-Dipped Galvanized Standard (SAE) Hex Bolt	Railing Post
41762	2	Project Pak 25-Count 1/2-in x 1-in Galvanized/Un-Coated Standard (SAE) Flat Washer	Railing Post
58128	1	The Hillman Group 4-Count 1/2-in x 1-in Zinc Plated Standard (SAE) Flat Washer	Railing Post



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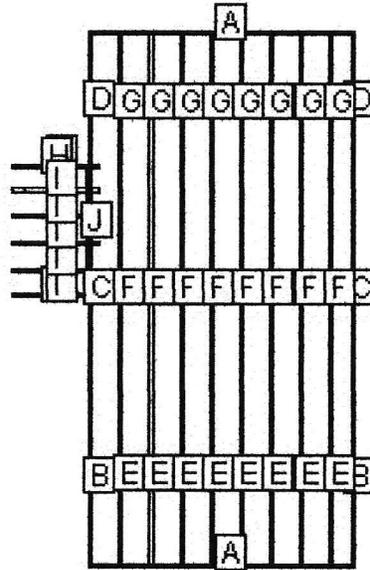
DECK DESIGN
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Inspections Division
Date: 05/06/16

Other Materials			
Item Number	Quantity	Description	Usage
43647	2	The Hillman Group 25-Count 1/2-in-13 Zinc Plated Standard (SAE) Hex Nuts	Railing Post
2438	20	USP 2-1/4-in x 2-1/4-in x 6-7/8-in Triple Zinc Framing Angle	Joist Framing

Materials Cut List: Level 1



LABEL	NAME	QTY	LENGTH	BEVELS	LABEL	NAME	QTY	LENGTH	BEVELS
A	Header	2	11' 6"	0, 0	F	Internal Joist	8	9' 7"	0, 0
B	Rim Joist	2	7' 1 1/2"	0, 0	G	Internal Joist	8	6' 11"	0, 0
C	Rim Joist	2	9' 7"	0, 0	H	Cladding	2	4' 2"	0, 0
D	Rim Joist	2	7' 1/2"	0, 0	I	Pre Cut Stringer	6	4' 2"	0, 0
E	Internal Joist	8	7'	0, 0	J	Stringer Support	1	5' 10 1/2"	0, 0

Cut Angles: L=Left, R=Right, F=Front, S=Side

Warning: You have prepared a preliminary design of a deck for residential purposes, including the preparation of a preliminary bill of materials and a preliminary materials pricing estimate. Materials pricing estimates do not include labor costs and are subject to change. This preliminary design is NOT intended for use as a final design and may not be sufficient for permit applications. Variations in building codes, specific architectural considerations, and/or site conditions may require changes to the preliminary design. You are responsible for the final structural, code compliance, material usage, and structural safety of this design. Be sure to check and verify the design with your architect, engineer and building inspector.

Lowe's does not assume any responsibility for design, engineering, or construction; for the use of installation of materials; or for compliance with any building code or standard of workmanship. You should consult with professionals (including an architect, engineer, licensed contractor, and/or building inspector or code official) concerning the suitability, safety, and legality of this preliminary design, rather than relying on this tool for those functions. Always refer to information on fastener packaging for use with pressure treated lumber.

Preferences: Certain assumptions have been made in order to provide an accurate material quote for your deck project. Because local codes and bylaw requirements may vary throughout the country (e.g., by municipality and state/province), it is imperative that you check with your architect, engineer, licensed contractor, and/or building inspector or code official for compliance with local requirements and building codes. The following building practice assumptions have been made in planning the materials for your project:

Footer Depth:	24"
Footer Type:	Post On Concrete
Joist Cantilever:	6 inches
Joist Spacing:	16" center to center
Spacing Between Deck Planking:	1/8"
Stair Stringers:	10 inches
Deck Live Load:	40 psf
Deck Dead Load:	10 psf
Stairs Live Load:	40 psf
Stairs Dead Load:	10 psf

Be sure to check and verify the design with your architect, engineer and building inspector.

Note: It is recommended that joist that meet on top of beams should be spliced with gussets. The gussets should be 2- by wood the same width at the joist and overlap by 6 inches on each side. These gussets should be held in place with 12 16d galvanized nails.

Handling Precautions for Pressure-Treated Wood

Disposal: Dispose of treated wood by ordinary trash collection. Treated wood should not be burned in open fires, stoves, fireplaces, or residential boilers because toxic chemicals may be produced as part of the smoke and ashes. Treated wood from commercial or industrial use (e.g construction sites) must be disposed of in accordance with state and Federal regulations, which may include burning only in commercial or industrial incinerators or boilers. Always refer to information on fastener packaging for use with pressure treated lumber.

Operating Conditions: Avoid frequent or prolonged inhalation of sawdust from treated wood. When sawing, sanding and machining treated wood, wear a dust mask. Whenever possible, these operations should be performed outdoors to avoid indoor accumulations of airborne sawdust from treated wood. (Lowe's instore saws are equipped with a vacuum to minimize airborne sawdust).

Protection: When power-sawing and machining, wear goggles to protect eyes from flying particles.

Clean Thoroughly: Wear gloves when working with the wood. After working with the wood, and before eating, drinking, toileting, and use of tobacco products, wash exposed areas thoroughly.

Wash Separately: Because preservatives or sawdust may accumulate on clothes, they should be laundered before reuse. Wash work clothes separately from other household clothing.

For Additional Information: www.epa.gov - www.healthybuilding.net - www.ccasafetyinfo.com
www.treatedwood.com - Call: (800)282-0600 or (800)356-AWP1