

DECK or DECK w/ROOF- PERMIT INFORMATION

Information Required to Process This Permit Application

1. **Ask for an Application**
 - Attached is a SAMPLE packet of information to follow for **required** information.
 - Property Owner must sign the application.
2. **A Site Plan Showing:**
 - Entire property dimensions, size and position of the fence along with all buildings and structures located on the property with distances. Measure from the centerline of the roadway and or the property line.
 - Show the size and placement of the deck in relation to the property lines.
 - Owner must call PA ONE CALL before digging.
 - Show distances between structures on the property.
3. **Specification Sheet:**
 - A floor plan is required showing framing.
 - A wall cross-section must be completed (see sample sheet)
 - Dimensional lumber sizes are to be shown: ie. joists, girders, decking, railings, columns, etc.
 - Depth and location of footers. (36") Show rebar if required.
 - Span of joists and girders.
 - Handrail and stair details.
4. **Contractors License**
 - Contractors must have a Certificate of Insurance or a Workers Compensation Insurance form on file with the Municipal Office.
 - If homeowner is installing the addition himself, no Certificate is required.
5. **Inspections**
 - An Inspection sheet will be supplied with an approved permit.

Figure 1A: Joist Span – Deck Attached at House and Bearing Over Beam

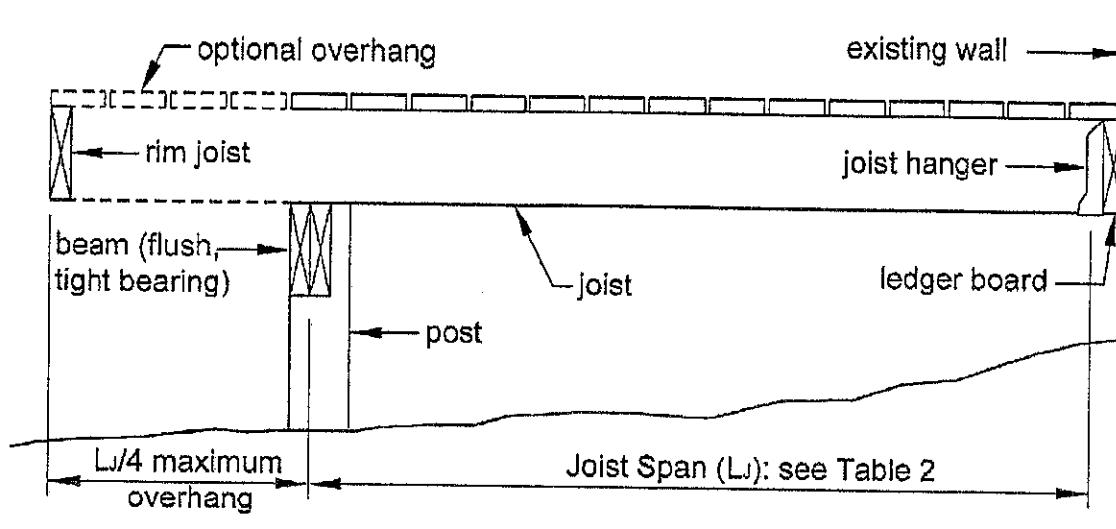


Figure 1B: Joist Span – Joists Attached at House and to Side of Beam

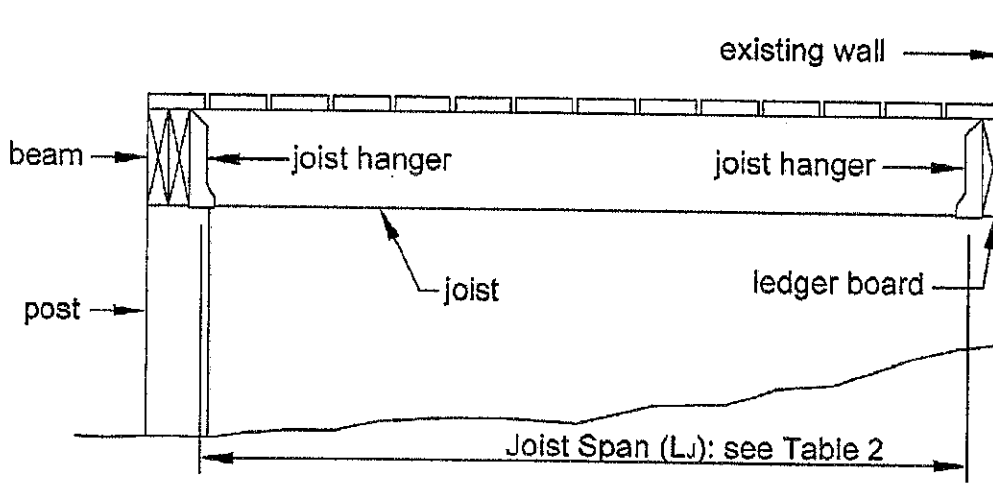


Figure 2: Joist Span – Free Standing Deck

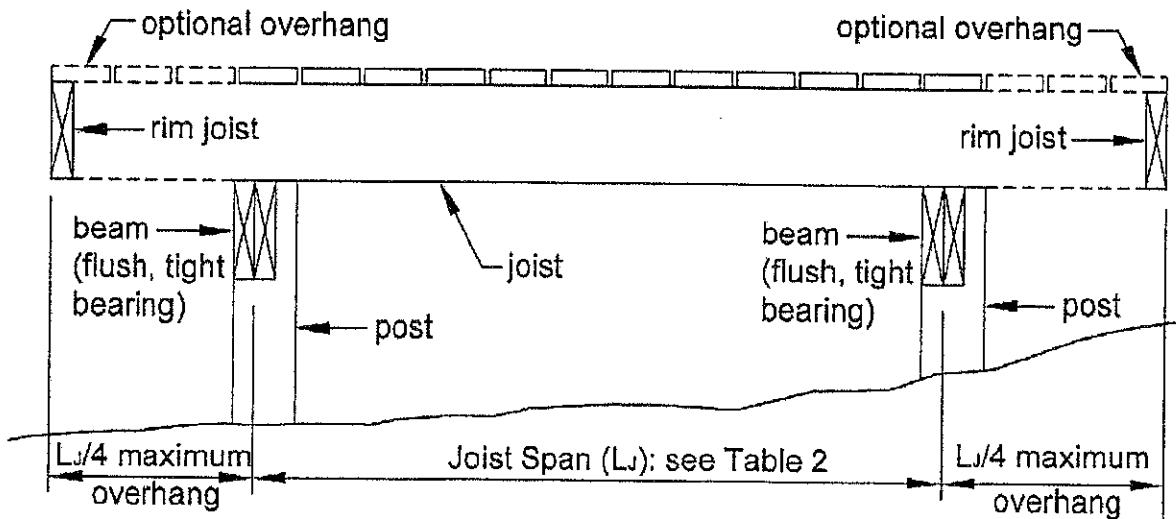


Table 1. Common preservative treatments and retention levels (pcf) for sawn lumber in ground contact.^a

Species	ACQ-B	ACQ-C	ACQ-D	CA-B	CuN-W
Southern Pine	0.40	0.40	0.40	0.21	0.11
Douglas Fir-Larch	0.40	0.40	NR	0.21	0.11
Hem-Fir	0.40	0.40	0.40	0.21	0.11
Ponderosa Pine	0.40	0.40	0.40	0.21	0.11
Red Pine	0.40	0.40	0.40	0.21	0.11
Spruce-Pine-Fir	NR	0.40	NR	NR	NR
Redwood	NR	NR	NR	NR	NR

^a Preservatives and retentions listed in Table 1 are based on the American Wood Protection Association (AWPA) *Book of Standards*. NR = Treatments Not Recommended.

DECKING REQUIREMENTS

All decking material shall be composed of dimension lumber (2" nominal thickness) or span rated decking in accordance with the American Lumber Standard Committee *Policy for Evaluation of Recommended Spans for Span Rated Decking Products (November 5, 2004)*. Attach decking to each joist with 2-8d threaded nails or 2-#8 screws. Space decking boards approximately 1/8" apart. See Figure 11 for decking connection requirements at the rim joist. Decking may be placed from an angle perpendicular to the joists to an angle of 45 degrees to the joists. Each segment of decking must bear on a minimum of 4 joists.

Decking not meeting the above requirements may be substituted when the product has been approved by the authority having jurisdiction.

JOIST SIZE

The span of a joist is measured from the centerline of bearing at one end of the joist to the centerline of bearing at the other end of the joist and does not include the length of the overhangs. Use Table 2 to determine joist span based on lumber size and joist spacing. See Figure 1 and Figure 2 for joist span types.

Table 2. Maximum Joist Spans (L_j)¹

Species	Size	Joist Spacing (o.c.)		
		12"	16"	24"
Southern Pine	2x8	10' - 6"	10' - 6"	10' - 2"
	2x10	15' - 2"	15' - 2"	13' - 1"
	2x12	18' - 0"	18' - 0"	15' - 5"
Douglas Fir-Larch, Hem-Fir, SPF ²	2x8	9' - 3"	9' - 3"	9' - 1"
	2x10	13' - 4"	13' - 4"	11' - 1"
	2x12	17' - 10"	15' - 9"	12' - 10"
Redwood, Western Cedars, Ponderosa Pine ³ , Red Pine ³	2x8	8' - 4"	8' - 4"	8' - 4"
	2x10	12' - 0"	12' - 0"	10' - 7"
	2x12	16' - 1"	15' - 1"	12' - 3"

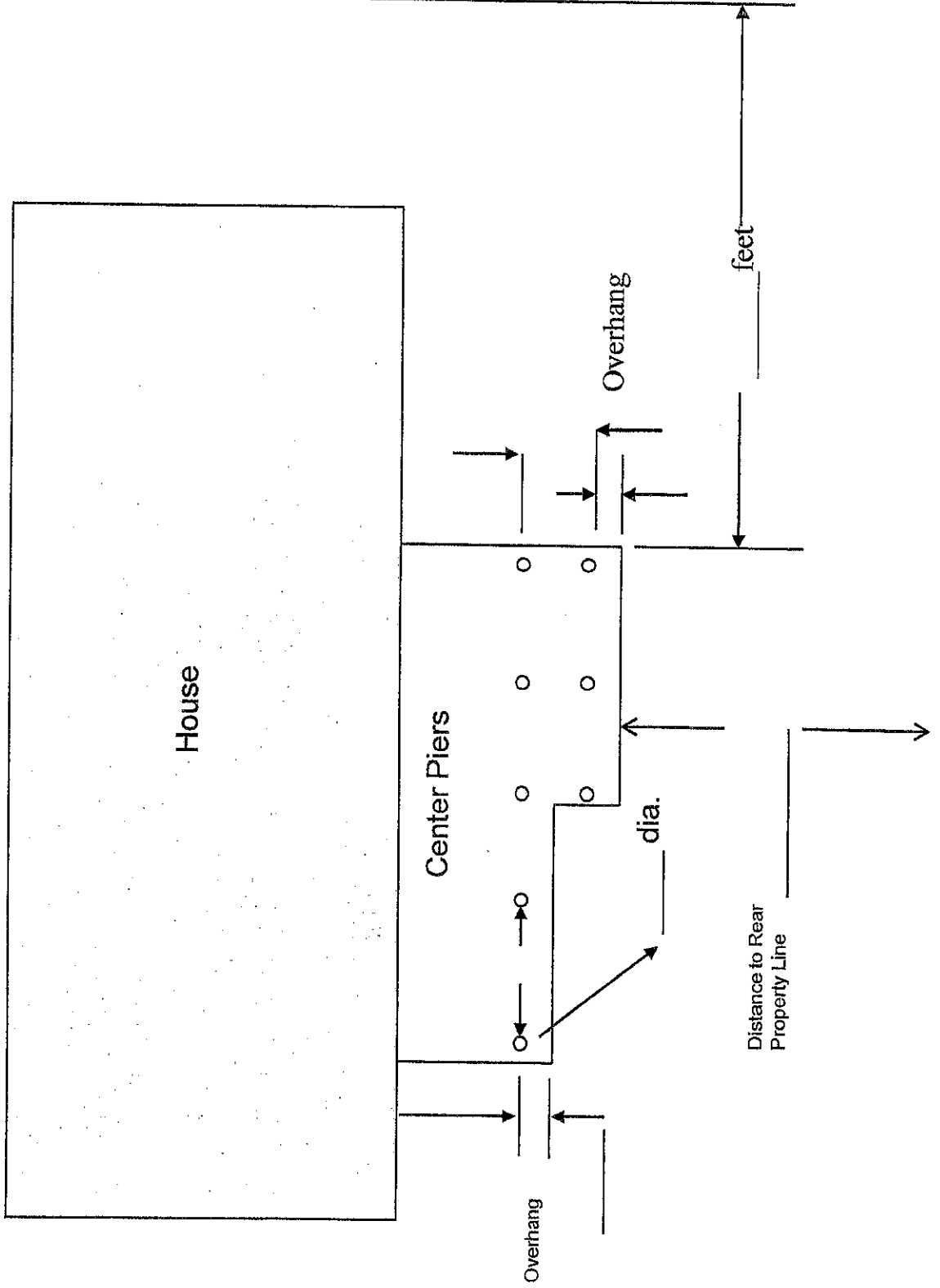
1. Assumes 40 psf live load, 10 psf dead load, L/180 cantilever deflection with 230 lb point load, No. 2 grade, and wet service conditions. See span calculator at www.awc.org for simple span conditions without cantilevers.

2. Incising assumed for refractory species including Douglas fir-larch, hem-fir, and spruce-pine-fir.

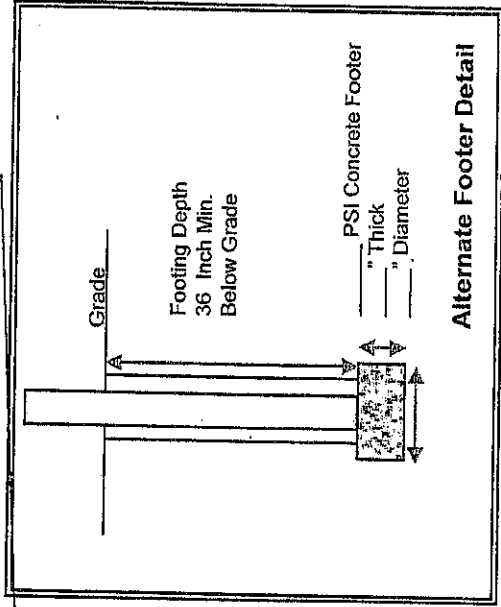
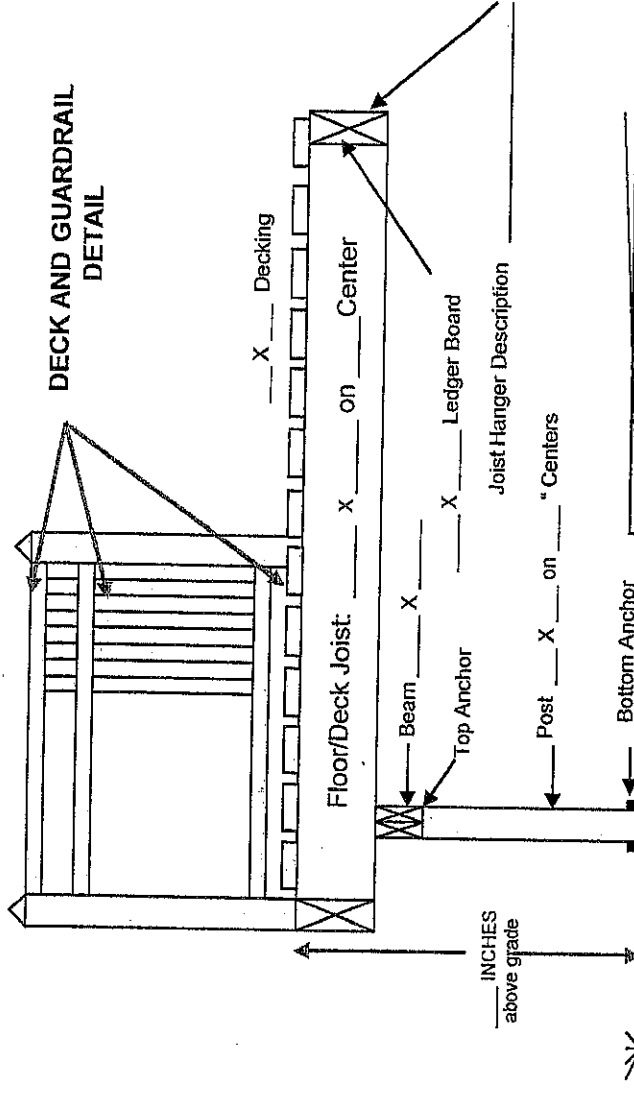
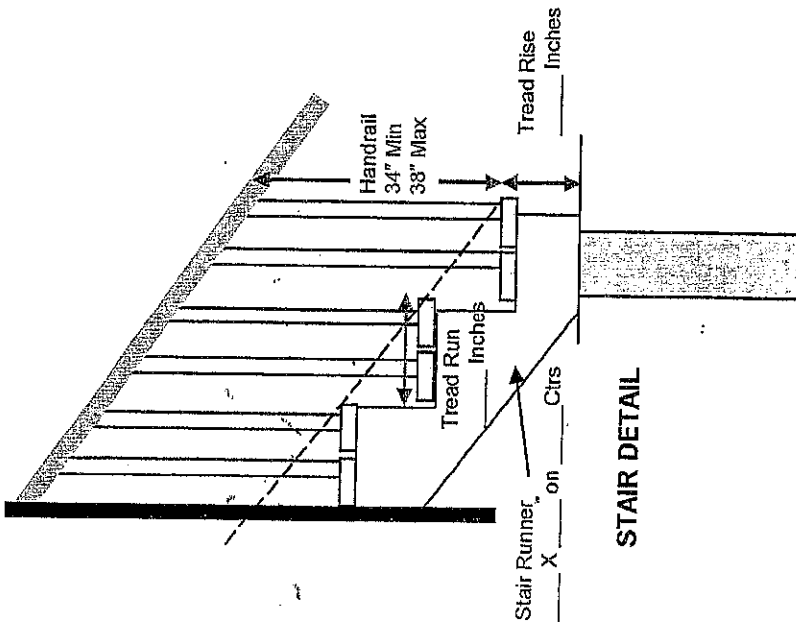
3. Design values based on northern species with no incising assumed.

Deck Plan View Worksheet

Property Line



STOCKERTOWN BOROUGH DECK DETAIL and WORK SHEET



Deck Size _____ X _____

Total Sq. Ft. _____

Deck and Post Material _____

Attachments to Building/House _____