

EXTERIOR DECKS 60psf LIVE LOAD 7psf DEAD LOAD

BEAM SIZE CHART - #2 & BETTER PONDEROSA PINE

←---- SPAN BETWEEN POSTS ----→

JOIST
SPAN
|
|
|
|
V

	4'	5'	6'	7'	8'	9'	10'	11'	12'
4'	1 2x6	1 2x6	1 2x8	1 2x8	2 2x8	2 2x8	2 2x8	2 2x10	2 2x10
6'	1 2x6	1 2x8	1 2x10 1 2x6	1 2x10	2 2x8	2 2x10	2 2x10	2 2x12 3 2x10	3 2x10
8'	1 2x8	1 2x10 2 2x6	1 2x10 2 2x8	2 2x8	2 2x10	2 2x12 3 2x10	3 2x10	3 2x12	3 2x12
10'	1 2x8	1 2x10 2 2x6	2 2x8	2 2x10	2 2x12 3 2x10	2 2x12 3 2x10	3 2x12	3 2x12	4 2x12
12'	1 2x10 2 2x6	2 2x8	2 2x10	2 2x10	2 2x12 3 2x10	3 2x12	3 2x12	4 2x12	* _____
14'	1 2x10 2 2x6	2 2x8	2 2x10	2 2x12 3 2x10	3 2x10	3 2x12	4 2x12	* _____	* _____
16'	2 2x8	2 2x8	2 2x10	2 2x12 3 2x10	3 2x10	3 2x12	4 2x12	* _____	* _____
18'	2 2x8	2 2x10	2 2x12 3 2x10	3 2x10	3 2x12	4 2x12	* _____	* _____	* _____
20'	2 2x8	2 2x10	2 2x12 3 2x10	3 2x12	4 2x12	4 2x12	* _____	* _____	* _____

* REQUIRES SPECIAL DESIGN – SUBMIT DATA TO BUILDING OFFICIAL

BEAM SIZE CHART - #2 & BETTER SOUTHERN PINE

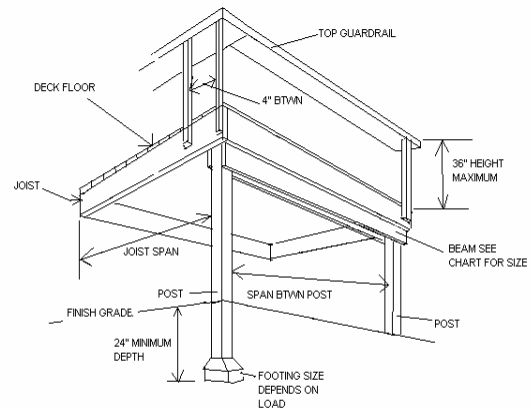
←---- SPAN BETWEEN POSTS ----→

JOIST
SPAN
|
|
|
|
V

	4'	5'	6'	7'	8'	9'	10'	11'	12'
4'	1 2x4	1 2x6	1 2x6	1 2x8	1 2x8	2 2x6	2 2x8	2 2x8	2 2x8
6'	1 2x6	1 2x6	1 2x8	1 2x8	2 2x8	2 2x8	2 2x8	2 2x10	2 2x10
8'	1 2x6	1 2x8	1 2x8	1 2x10 2 2x8	2 2x8	2 2x10 3 2x8	2 2x10 3 2x8	2 2x12 3 2x10	2 2x12 3 2x10
10'	1 2x8	1 2x8	1 2x10 2 2x8	2 2x8	2 2x10 3 2x8	2 2x10 3 2x8	2 2x12 3 2x10	2 2x12 3 2x10	3 2x12
12'	1 2x8	1 2x10 2 2x6	2 2x8	2 2x8	2 2x10 3 2x8	2 2x12 3 2x10	2 2x12 3 2x10	3 2x12	3 2x12
14'	1 2x10 2 2x6	1 2x10 2 2x6	2 2x8	2 2x10 3 2x8	2 2x10 3 2x8	2 2x12 3 2x10	3 2x12	3 2x12	4 2x12
16'	1 2x10 2 2x6	2 2x8	2 2x8	2 2x10 3 2x8	2 2x12 3 2x10	3 2x10	3 2x12	4 2x12	4 2x12
18'	1 2x10 2 2x6	2 2x8	2 2x10 3 2x8	2 2x10 3 2x8	2 2x12 3 2x10	3 2x12	3 2x12	4 2x12	* _____
20'	1 2x10 2 2x8	2 2x8	2 2x10 3 2x8	2 2x12 3 2x10	3 2x10	3 2x12	4 2x12	4 2x12	* _____

* REQUIRES SPECIAL DESIGN – SUBMIT DATA TO BUILDING OFFICIAL

JOIST SIZE	JOIST SPACING	# 2 & BTR S. PINE	#2 & BTR PNDOSA PINE
2x4	12" OC	7' 1"	5' 10"
	16" OC	6' 2"	5' 0"
	24" OC	5' 0"	4' 1"
2x6	12" OC	10' 4"	8' 6"
	16" OC	9' 0"	7' 4"
	24" OC	7' 4"	6' 0"
2x8	12" OC	13' 5"	10' 9"
	16" OC	11' 7"	9' 4"
	24" OC	9' 6"	7' 8"
2x10	12" OC	16' 0"	13' 2"
	16" OC	13' 10"	11' 5"
	24" OC	11' 4"	9' 4"
2x12	12" OC	18' 9"	15' 4"
	16" OC	16' 3"	13' 3"
	24" OC	13' 3"	10' 10"



POSTS UP TO 72" HEIGHT – 4x4

UP TO 144" HEIGHT – 4x6

This sheet revised 2/28/06

OTSEGO COUNTY BUILDING & SAFETY DEPARTMENT

1066 CROSS STREET GAYLORD, MICHIGAN 49735

989-731-7400

FAX=989-731-7419

DECKS

THIS SHEET IS TO BE SIGNED & DATED IN LEIU OF A PLAN REVIEW.

- * DECK PERMITS ISSUED IN THIS WAY WILL STILL BE SUBJECT TO FIELD INSPECTIONS AND COMPLIANCE WITH ALL APPLICABLE CONSTRUCTION CODES.
- * THE APPLICANT IS RESPONSIBLE TO CALL FOR POSTHOLE INSPECTIONS BEFORE POURING THE REQUIRED CONCRETE. THE SAME PERSON WILL BE REQUIRED TO CALL FOR A FINAL INSPECTION.
- * IF CORRECTIONS ARE REQUIRED;THE PERSON TAKING THE PERMIT MUST NOTIFY THE BUILDING DEPARTMENT WHEN THE CORRECTIONS ARE COMPLETED FOR FOLLOWUP INSPECTIONS.
- * THE ATTACHED TABLES ARE "RULE OF THUMB" ONLY.

I HAVE READ AND UNDERSTAND THE ABOVE INFORMATION.

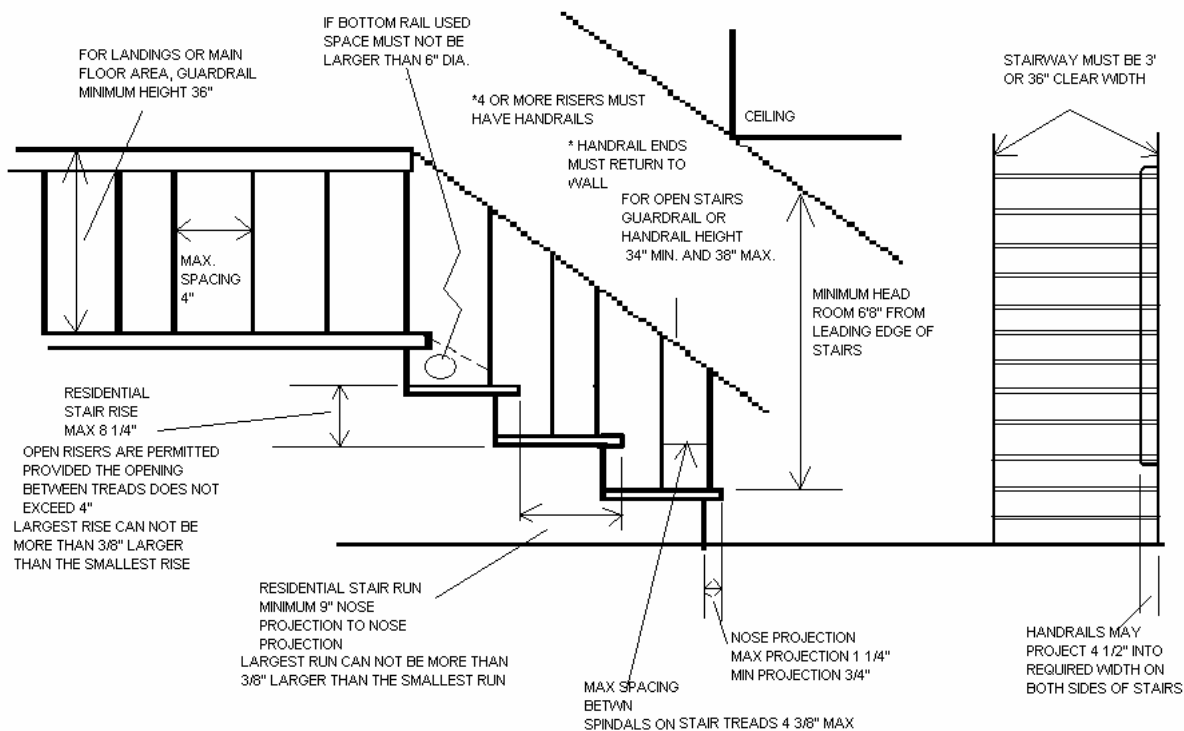
DATE _____

SIGNATURE _____

PRINT NAME _____

JOB ADDRESS _____

THE FOLLOWING IS A GUIDE TO SOME OF THE PRINCIPAL CODE REQUIREMENTS FOR STAIRS THAT MAY BE USED IN CONNECTION WITH A DECK.



CODE: R312.1 PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HT. OPEN SIDES OF STAIRS WITH A TOTAL RISE MORE THAN 30" ABOVE THE FLOOR BELOW SHALL HAVE GUARDS NOT LESS THAN 34" IN HT MEASURED VERTICALLY FROM THE NOSING OF THE TREAD.