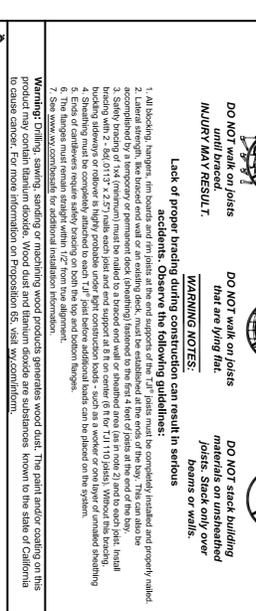
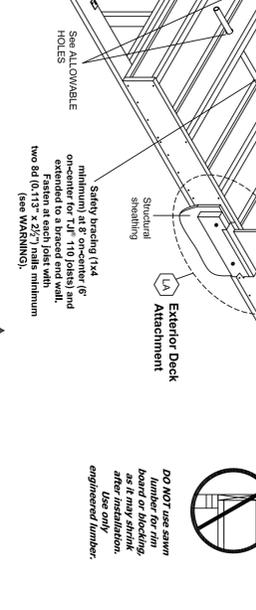
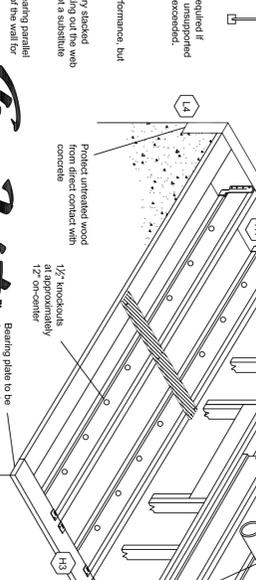
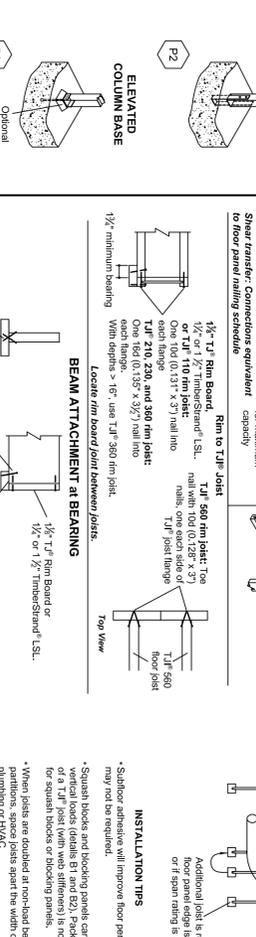
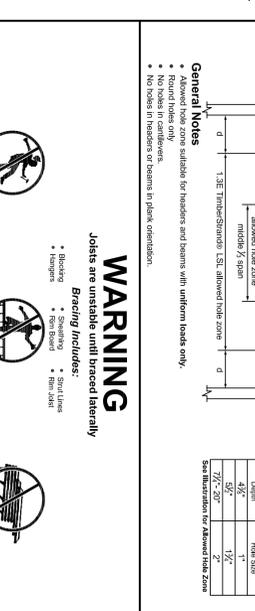
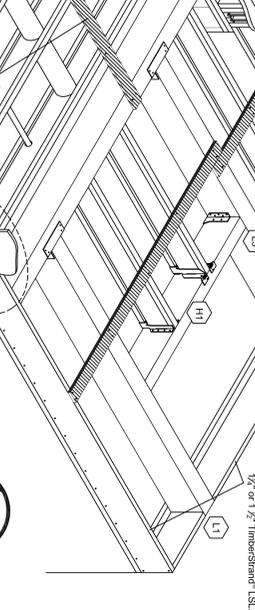
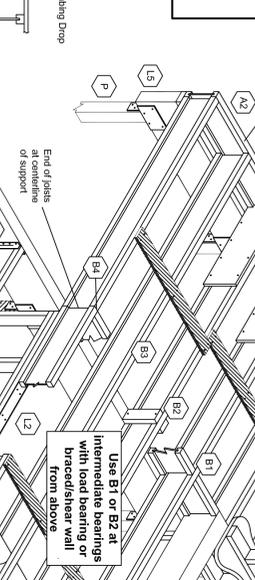
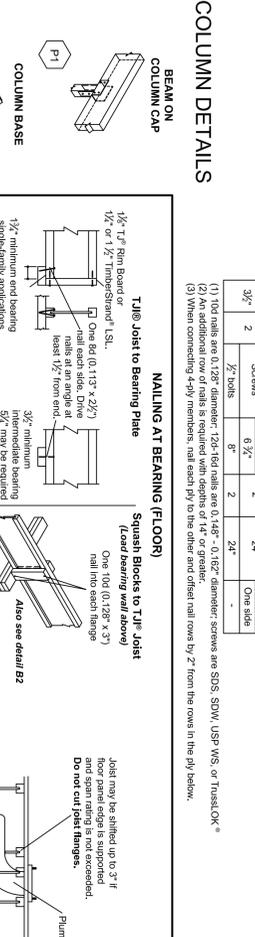
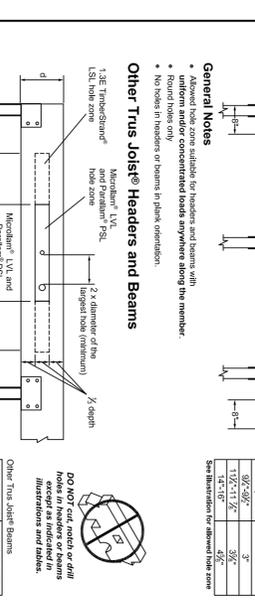
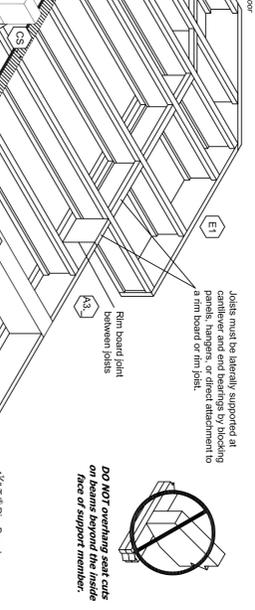
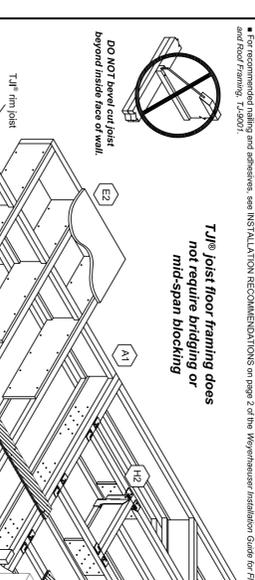
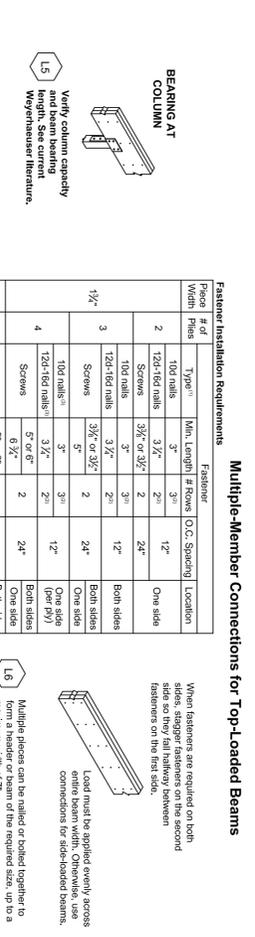
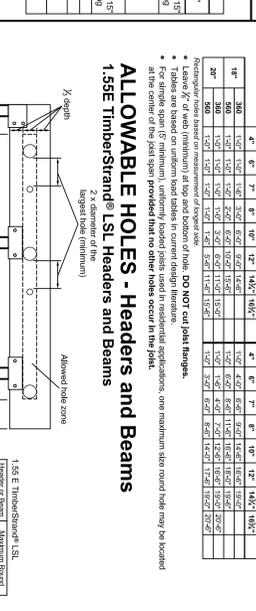
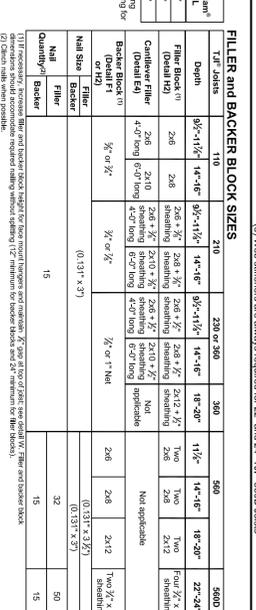
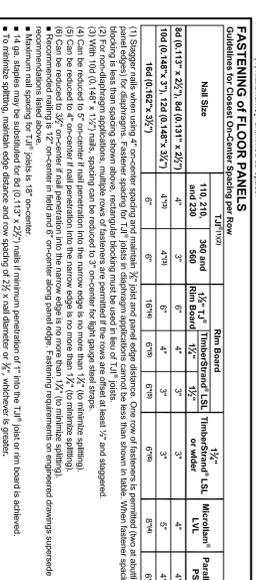
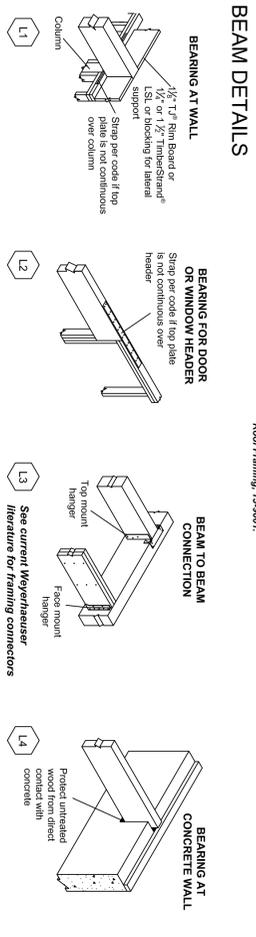
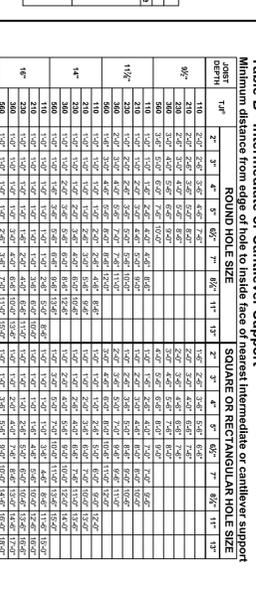
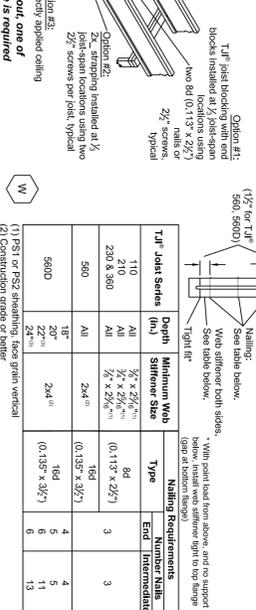
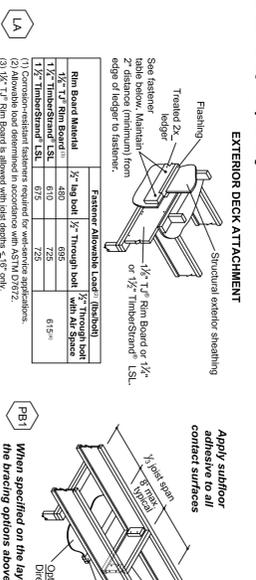
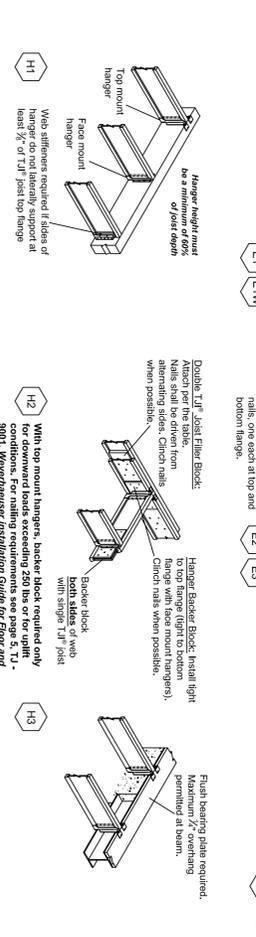
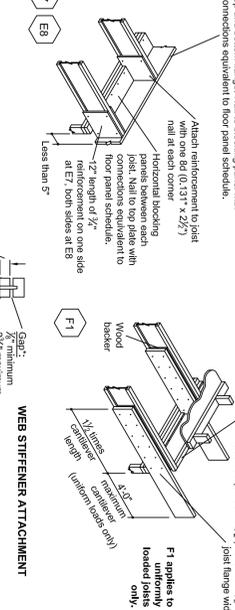
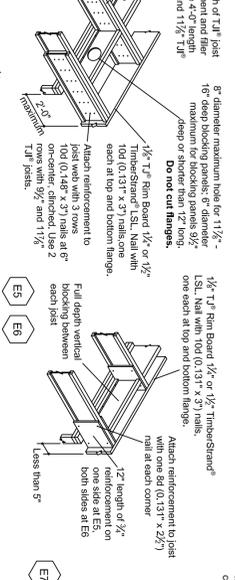
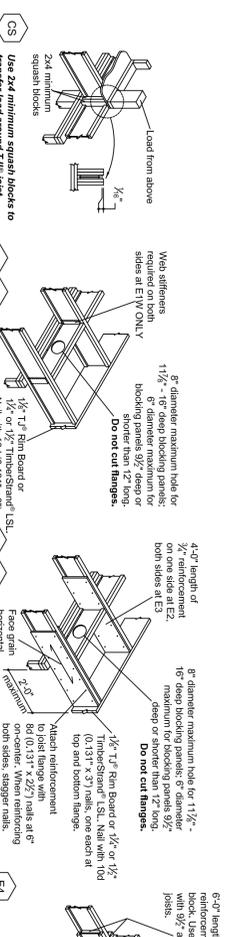
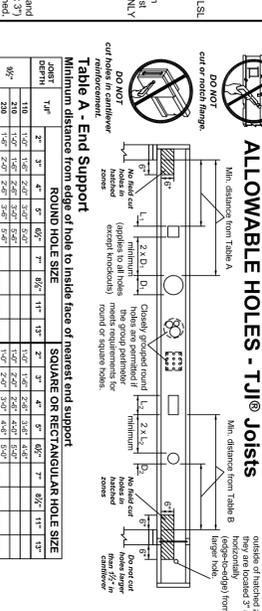
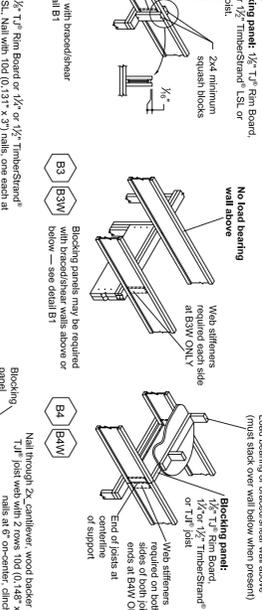
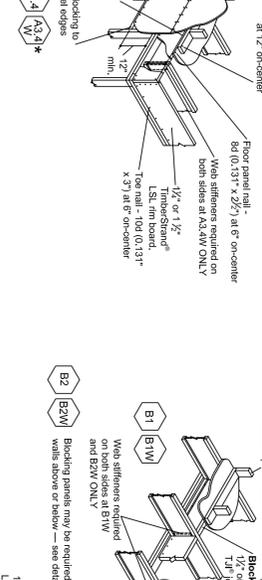
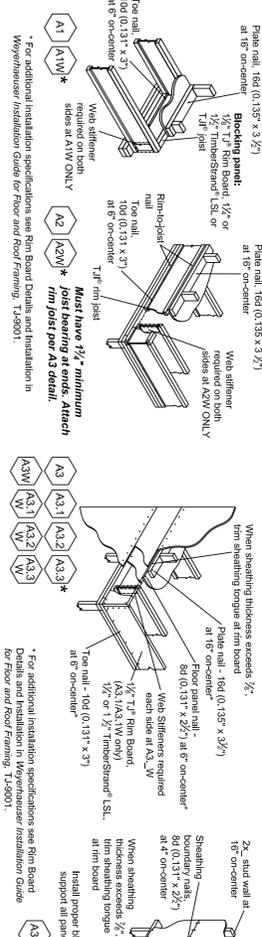


**JOIST DETAILS**



**COLUMN DETAILS**

**BEAM ON COLUMN CAP**

**COLUMN BASE**

**ELEVATED COLUMN BASE**

**BEAM ATTACHMENT AT BEARING**

**BEAM ON COLUMN CAP**

**COLUMN BASE**

**ELEVATED COLUMN BASE**

**BEAM ATTACHMENT AT BEARING**

**BEAM ON COLUMN CAP**

**COLUMN BASE**

**ELEVATED COLUMN BASE**

**BEAM DETAILS**

**BEARING AT WALL**

**BEARING FOR DOOR OR WINDOW HEADER**

**BEAM TO BEAM CONNECTION**

**BEARING AT CONCRETE WALL**

**FASTENING OF FLOOR PANELS**

**FILLER AND BATTEN BLOCK SIZES**

**ALLOWABLE HOLES - TJJOISTS**

**TABLE A - END SUPPORT**

**TABLE B - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE C - END SUPPORT**

**TABLE D - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE E - END SUPPORT**

**TABLE F - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE G - END SUPPORT**

**TABLE H - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE I - END SUPPORT**

**TABLE J - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE K - END SUPPORT**

**TABLE L - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE M - END SUPPORT**

**TABLE N - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE O - END SUPPORT**

**TABLE P - INTERMEDIATE OR CANTILEVER SUPPORT**

**TABLE Q - END SUPPORT**

**TABLE R - INTERMEDIATE OR CANTILEVER SUPPORT**

**Fastener Installation Requirements**

Plate # of Width	Type	Min. Length	# Rows (O.C. Spacing)	Location
2	100 nails	3"	2"	One side
3	100 nails	3 1/2"	2"	Both sides
4	100 nails	3 1/2"	2"	Both sides
5	100 nails	3 1/2"	2"	Both sides
6	100 nails	3 1/2"	2"	Both sides
7	100 nails	3 1/2"	2"	Both sides
8	100 nails	3 1/2"	2"	Both sides
9	100 nails	3 1/2"	2"	Both sides
10	100 nails	3 1/2"	2"	Both sides
11	100 nails	3 1/2"	2"	Both sides
12	100 nails	3 1/2"	2"	Both sides
13	100 nails	3 1/2"	2"	Both sides
14	100 nails	3 1/2"	2"	Both sides
15	100 nails	3 1/2"	2"	Both sides
16	100 nails	3 1/2"	2"	Both sides
17	100 nails	3 1/2"	2"	Both sides
18	100 nails	3 1/2"	2"	Both sides
19	100 nails	3 1/2"	2"	Both sides
20	100 nails	3 1/2"	2"	Both sides
21	100 nails	3 1/2"	2"	Both sides
22	100 nails	3 1/2"	2"	Both sides
23	100 nails	3 1/2"	2"	Both sides
24	100 nails	3 1/2"	2"	Both sides
25	100 nails	3 1/2"	2"	Both sides
26	100 nails	3 1/2"	2"	Both sides
27	100 nails	3 1/2"	2"	Both sides
28	100 nails	3 1/2"	2"	Both sides
29	100 nails	3 1/2"	2"	Both sides
30	100 nails	3 1/2"	2"	Both sides
31	100 nails	3 1/2"	2"	Both sides
32	100 nails	3 1/2"	2"	Both sides
33	100 nails	3 1/2"	2"	Both sides
34	100 nails	3 1/2"	2"	Both sides
35	100 nails	3 1/2"	2"	Both sides
36	100 nails	3 1/2"	2"	Both sides
37	100 nails	3 1/2"	2"	Both sides
38	100 nails	3 1/2"	2"	Both sides
39	100 nails	3 1/2"	2"	Both sides
40	100 nails	3 1/2"	2"	Both sides
41	100 nails	3 1/2"	2"	Both sides
42	100 nails	3 1/2"	2"	Both sides
43	100 nails	3 1/2"	2"	Both sides
44	100 nails	3 1/2"	2"	Both sides
45	100 nails	3 1/2"	2"	Both sides
46	100 nails	3 1/2"	2"	Both sides
47	100 nails	3 1/2"	2"	Both sides
48	100 nails	3 1/2"	2"	Both sides
49	100 nails	3 1/2"	2"	Both sides
50	100 nails	3 1/2"	2"	Both sides

**FASTENING OF FLOOR PANELS**

Nail Size	110, 210, and 230	360 and 560	760 and 960	1160 and 1360	1560 and 1760	1960 and 2160	2360 and 2560	2760 and 2960	3160 and 3360	3560 and 3760	3960 and 4160	4360 and 4560	4760 and 4960	5160 and 5360	5560 and 5760	5960 and 6160	6360 and 6560	6760 and 6960	7160 and 7360	7560 and 7760	7960 and 8160	8360 and 8560	8760 and 8960	9160 and 9360	9560 and 9760	9960 and 10160	10360 and 10560	10760 and 10960	11160 and 11360	11560 and 11760	11960 and 12160	12360 and 12560	12760 and 12960	13160 and 13360	13560 and 13760	13960 and 14160	14360 and 14560	14760 and 14960	15160 and 15360	15560 and 15760	15960 and 16160	16360 and 16560	16760 and 16960	17160 and 17360	17560 and 17760	17960 and 18160	18360 and 18560	18760 and 18960	19160 and 19360	19560 and 19760	19960 and 20160	20360 and 20560	20760 and 20960	21160 and 21360	21560 and 21760	21960 and 22160	22360 and 22560	22760 and 22960	23160 and 23360	23560 and 23760	23960 and 24160	24360 and 24560	24760 and 24960	25160 and 25360	25560 and 25760	25960 and 26160	26360 and 26560	26760 and 26960	27160 and 27360	27560 and 27760	27960 and 28160	28360 and 28560	28760 and 28960	29160 and 29360	29560 and 29760	29960 and 30160	30360 and 30560	30760 and 30960	31160 and 31360	31560 and 31760	31960 and 32160	32360 and 32560	32760 and 32960	33160 and 33360	33560 and 33760	33960 and 34160	34360 and 34560	34760 and 34960	35160 and 35360	35560 and 35760	35960 and 36160	36360 and 36560	36760 and 36960	37160 and 37360	37560 and 37760	37960 and 38160	38360 and 38560	38760 and 38960	39160 and 39360	39560 and 39760	39960 and 40160	40360 and 40560	40760 and 40960	41160 and 41360	41560 and 41760	41960 and 42160	42360 and 42560	42760 and 42960	43160 and 43360	43560 and 43760	43960 and 44160	44360 and 44560	44760 and 44960	45160 and 45360	45560 and 45760	45960 and 46160	46360 and 46560	46760 and 46960	47160 and 47360	47560 and 47760	47960 and 48160	48360 and 48560	48760 and 48960	49160 and 49360	49560 and 49760	49960 and 50160	50360 and 50560	50760 and 50960	51160 and 51360	51560 and 51760	51960 and 52160	52360 and 52560	52760 and 52960	53160 and 53360	53560 and 53760	53960 and 54160	54360 and 54560	54760 and 54960	55160 and 55360	55560 and 55760	55960 and 56160	56360 and 56560	56760 and 56960	57160 and 57360	57560 and 57760	57960 and 58160	58360 and 58560	58760 and 58960	59160 and 59360	59560 and 59760	59960 and 60160	60360 and 60560	60760 and 60960	61160 and 61360	61560 and 61760	61960 and 62160	62360 and 62560	62760 and 62960	63160 and 63360	63560 and 63760	63960 and 64160	64360 and 64560	64760 and 64960	65160 and 65360	65560 and 65760	65960 and 66160	66360 and 66560	66760 and 66960	67160 and 67360	67560 and 67760	67960 and 68160	68360 and 68560	68760 and 68960	69160 and 69360	69560 and 69760	69960 and 70160	70360 and 70560	70760 and 70960	71160 and 71360	71560 and 71760	71960 and 72160	72360 and 72560	72760 and 72960	73160 and 73360	73560 and 73760	73960 and 74160	74360 and 74560	74760 and 74960	75160 and 75360	75560 and 75760	75960 and 76160	76360 and 76560	76760 and 76960	77160 and 77360	77560 and 77760	77960 and 78160	78360 and 78560	78760 and 78960	79160 and 79360	79560 and 79760	79960 and 80160	80360 and 80560	80760 and 80960	81160 and 81360	81560 and 81760	81960 and 82160	82360 and 82560	82760 and 82960	83160 and 83360	83560 and 83760	83960 and 84160	84360 and 84560	84760 and 84960	85160 and 85360	85560 and 85760	85960 and 86160	86360 and 86560	86760 and 86960	87160 and 87360	87560 and 87760	87960 and 88160	88360 and 88560	88760 and 88960	89160 and 89360	89560 and 89760	89960 and 90160	90360 and 90560	90760 and 90960	91160 and 91360	91560 and 91760	91960 and 92160	92360 and 92560	92760 and 92960	93160 and 93360	93560 and 93760	93960 and 94160	94360 and 94560	94760 and 94960	95160 and 95360	95560 and 95760	95960 and 96160	96360 and 96560	96760 and 96960	97160 and 97360	97560 and 97760	97960 and 98160	98360 and 98560	98760 and 98960	99160 and 99360	99560 and 99760	99960 and 100160
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**ALLOWABLE HOLES - TJJOISTS**

Joist Depth	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"	8 1/2"	9"	9 1/2"	10"	10 1/2"	11"	11 1/2"	12"	12 1/2"	13"	13 1/2"	14"	14 1/2"	15"	15 1/2"	16"	16 1/2"	17"	17 1/2"	18"	18 1/2"	19"	19 1/2"	20"	20 1/2"	21"	21 1/2"	22"	22 1/2"	23"	23 1/2"	24"	24 1/2"	25"	25 1/2"	26"	26 1/2"	27"	27 1/2"	28"	28 1/2"	29"	29 1/2"
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