

PERMANENT WAY
NOTES

CUBING OF XING. TIMBER.

	12" x 6"										14" x 6"									
	NUMBER OF PIECES																			
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
8'-6"	4.3	8.5	12.8	17.0	21.3	25.5	29.8	34.0	38.3	42.5	5.0	9.9	14.9	19.8	24.8	29.8	34.7	39.7	44.6	49.6
9'-0"	4.5	9.0	13.5	18.0	22.5	27.0	31.5	36.0	40.5	45.0	5.3	10.5	15.8	21.0	26.3	31.5	36.8	42.0	47.3	52.5
9'-6"	4.8	9.5	14.3	19.0	23.8	28.5	33.3	38.0	42.8	47.5	5.5	11.1	16.0	22.2	27.7	33.3	39.8	44.3	49.9	55.4
10'-0"	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	5.8	11.7	17.5	23.3	29.2	35.0	40.8	46.7	52.5	58.3
10'-6"	5.3	10.5	15.8	21.0	26.3	31.5	36.8	42.0	47.3	52.5	6.1	12.3	18.4	24.5	30.6	36.8	42.9	49.0	55.1	61.3
11'-0"	5.5	11.0	16.5	22.0	27.5	33.0	38.5	44.0	49.5	55.0	6.4	12.8	19.3	25.7	32.1	38.5	44.9	51.3	57.8	64.2
11'-6"	5.8	11.5	17.3	23.0	28.8	34.5	40.3	46.0	51.8	57.5	6.7	13.4	20.1	26.8	33.5	40.3	48.0	53.7	60.4	67.1
12'-0"	6.0	12.0	18.0	24.0	30.0	36.0	42.0	48.0	54.0	60.0	7.0	14.0	21.0	28.0	35.0	42.0	49.0	56.0	63.0	70.0
12'-6"	6.3	12.5	18.8	25.0	31.3	37.5	43.8	50.0	56.3	62.5	7.3	14.6	21.9	29.2	36.5	43.8	51.0	58.3	65.6	72.9
13'-0"	6.5	13.0	19.5	26.0	32.5	39.0	45.5	52.0	58.5	65.0	7.6	15.2	22.8	30.3	37.9	45.5	53.1	60.7	68.3	75.8
13'-6"	6.8	13.5	20.3	27.0	33.8	40.5	47.3	54.0	60.8	67.5	7.9	15.8	23.0	30.5	38.4	47.2	55.1	63.0	70.9	78.8
14'-0"	7.0	14.0	21.0	28.0	35.0	42.0	49.0	56.0	63.0	70.0	8.2	16.3	24.5	32.7	40.8	49.0	57.2	65.3	73.5	81.7
14'-6"	7.3	14.5	21.8	29.0	36.3	43.5	50.8	58.0	65.3	72.5	8.5	16.9	25.4	33.8	42.3	50.8	59.2	67.7	76.1	84.6
15'-0"	7.5	15.0	22.5	30.0	37.5	45.0	52.5	60.0	67.5	75.0	8.8	17.5	26.3	35.0	43.8	52.5	61.3	70.0	78.8	87.5
15'-6"	7.8	15.5	23.3	31.0	38.8	46.5	54.3	62.0	69.8	77.5	9.0	18.1	27.1	36.2	45.2	54.3	63.3	72.3	81.4	90.4
16'-0"	8.0	16.0	24.0	32.0	40.0	48.0	56.0	64.0	72.0	80.0	9.3	18.7	28.0	37.3	46.7	56.0	65.3	74.7	84.0	93.3
16'-6"	8.3	16.5	24.8	33.0	41.3	49.5	57.8	66.0	74.3	82.5	9.6	19.3	28.9	38.5	48.1	57.8	67.4	77.0	86.6	96.3
17'-0"	8.5	17.0	25.5	34.0	42.5	51.0	59.5	68.0	76.5	85.0	9.9	19.8	29.8	39.7	49.6	59.4	69.4	79.3	89.3	99.2
17'-6"	8.8	17.5	26.3	35.0	43.8	52.5	61.3	70.0	78.8	87.5	10.2	20.4	30.6	40.8	51.1	61.3	71.5	81.7	91.9	102.1
18'-0"	9.0	18.0	27.0	36.0	45.0	54.0	63.0	72.0	81.0	90.0	10.5	21.0	31.5	42.0	52.5	63.0	73.5	84.0	94.5	105.0
18'-6"	9.3	18.5	27.8	37.0	46.3	55.5	64.8	74.0	83.3	92.5	10.8	21.6	32.4	43.2	54.0	64.8	75.5	86.3	97.1	107.9
19'-0"	9.5	19.0	28.5	38.0	47.5	57.0	66.5	76.0	85.5	95.0	11.1	22.2	33.3	44.3	55.4	66.5	77.6	88.7	99.8	110.8
19'-6"	9.8	19.5	29.3	39.0	48.8	58.5	68.3	78.0	87.8	97.5	11.4	22.8	34.1	45.5	56.9	68.3	79.6	91.0	102.4	113.8
20'-0"	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	11.7	23.3	35.0	46.7	58.3	70.0	81.7	93.3	105.0	116.7
20'-6"	10.3	20.5	30.8	41.0	51.3	61.5	71.8	82.0	92.3	102.5	12.0	23.9	35.9	47.8	59.8	71.8	83.7	95.7	107.6	119.6
21'-0"	10.5	21.0	31.5	42.0	52.5	63.0	73.5	84.0	94.5	105.0	12.3	24.5	36.8	49.0	61.3	73.5	85.8	98.0	110.3	122.5
21'-6"	10.8	21.5	32.3	43.0	53.8	64.5	75.3	86.0	96.8	107.5	12.5	25.1	37.6	50.2	62.7	75.3	87.8	100.3	112.9	125.4
22'-0"	11.0	22.0	33.0	44.0	55.0	66.0	77.0	88.0	99.0	110.0	12.8	25.7	38.5	51.3	64.2	77.0	89.8	102.7	115.5	128.3
22'-6"	11.3	22.5	33.8	45.0	56.3	67.5	78.8	90.0	101.3	112.5	13.1	26.3	39.4	52.5	65.6	78.8	91.9	105.0	118.1	131.3
23'-0"	11.5	23.0	34.5	46.0	57.5	69.0	80.5	92.0	103.5	115.0	13.4	26.8	40.3	53.7	67.1	80.5	93.9	107.3	120.8	134.1
23'-6"	11.8	23.5	35.3	47.0	58.8	70.5	82.3	94.0	105.8	117.5	13.7	27.4	41.1	54.8	68.6	82.3	96.0	109.7	123.4	137.1
24'-0"	12.0	24.0	36.0	48.0	60.0	72.0	84.0	96.0	108.0	120.0	14.0	28.0	42.0	56.0	70.0	84.0	98.0	112.0	126.0	140.0
24'-6"	12.3	24.5	36.8	49.0	61.3	73.5	85.8	98.0	110.3	122.5	14.3	28.6	42.9	57.2	71.5	85.8	100.0	114.3	128.6	142.9
25'-0"	12.5	25.0	37.5	50.0	62.5	75.0	87.5	100.0	112.5	125.0	14.6	29.2	43.8	58.3	72.9	87.5	102.1	116.7	131.3	145.9
25'-6"	12.8	25.5	38.3	51.0	63.8	76.5	89.3	102.0	114.8	127.5	14.9	29.8	44.6	59.5	74.4	89.3	104.1	119.0	133.9	148.8
26'-0"	13.0	26.0	39.0	52.0	65.0	78.0	91.0	104.0	117.0	130.0	15.2	30.3	45.5	60.7	75.8	91.0	106.2	121.3	136.5	151.7
26'-6"	13.3	26.5	39.8	53.0	66.3	79.5	92.8	106.0	119.3	132.5	15.5	30.9	46.4	61.8	77.3	92.8	108.2	123.7	139.1	154.7
27'-0"	13.5	27.0	40.5	54.0	67.5	81.0	94.5	108.0	121.5	135.0	15.8	31.5	47.3	63.0	78.8	94.5	110.3	126.0	141.8	157.7
27'-6"	13.8	27.5	41.3	55.0	68.8	82.5	96.3	110.0	123.8	137.5	16.0	32.1	48.1	64.2	80.2	96.3	112.3	128.3	144.4	160.7
28'-0"	14.0	28.0	42.0	56.0	70.0	84.0	98.0	112.0	126.0	140.0	16.3	32.7	49.0	65.3	81.7	98.0	114.3	130.7	147.0	163.7
28'-6"	14.3	28.5	42.8	57.0	71.3	85.5	99.8	114.0	128.3	142.5	16.6	33.3	49.9	66.5	83.1	99.8	116.4	133.0	149.6	166.7
29'-0"	14.5	29.0	43.5	58.0	72.5	87.0	101.5	116.0	130.5	145.0	16.9	33.8	50.8	67.7	84.6	101.5	118.4	135.3	152.3	169.7
29'-6"	14.8	29.5	44.3	59.0	73.8	88.5	103.3	118.0	132.8	147.5	17.2	34.4	51.6	68.8	86.1	103.3	120.5	137.7	154.9	172.7
30'-0"	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0	150.0	17.5	35.0	52.5	70.0	87.5	105.0	122.5	140.0	157.5	175.7

SIZE 9'-0" x 10" x 5" 8'-6" x 10" x 5" 8'-6" x 12" x 5" 11'-0" x 10" x 6" 14'-6" x 10" x 6" 11'-0" x 12" x 6" 17'-6" x 7" PER FT. 10'-6" x 7" PER FT.
C.F.T. 3.13 2.95 3.54 4.6 6.0 8.1 8.2 7.78
CREOD CROSSING TIMBER = 1 TON PER 60 C.F.T. PLAIN CREOD. SLEEPER = 1 CWT
50 C.F.T. OF TIMBER = 1 LOAD 165 C.F.T. OF TIMBER = 1 (LEMINGRAD) STANDARD