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S P E C I F I C A T I O N S
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Machinery for Resaw Installation

CRAIG MOUNTAIN LUMBER CO.,

Winchester, Idaho.

Plans by

Wash. Huffman, Mill Architect.

Spokane, Wn.

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SAWING FLOOR.

SECTION #1

Left hand transfer off live rolls to

Resaw.

1. Transfer with three cast iron skids arranged to hinge on 2 3/16" drive shaft for 12" x 32" live rolls. Skids to have 12 tooth #78 sprockets, bored 2 3/16 - K.S., also suitable sprockets in tail end for #78 riveted chain; Rocker shaft 1 5/16" x 11'-0" K.S. full length, Skid lifting cranks, cylinder arm with connection to cylinder, 6" x 8" steam cylinder with check screws in exhaust ports to govern the motion, and necessary boxes for shaft complete.
30 ft. #78 riveted chain.

SECTION #2

Right hand transfer off live rolls to

Resaw.

1. Transfer with three cast iron skids arranged to hinge on 2 $3/16$ " drive shaft for 12" x 32" live rolls, Skids to have 12 tooth #78 sprockets. Bored 2 $3/16$ " K.S., also suitable sprockets in tail end for #78 riveted chain. Rocker shaft 1 $15/16$ " x 11'-0" K.S. whole length. Skid lifting cranks, cylinder arm with connection to cylinder, 6" x 8" steam cylinder with check screws in exhaust ports to govern the motion and necessary boxes for shaft complete.
30 ft. #78 riveted chain.

SECTIONS #3 and 4

Transfers to Resaw, Right and Left hand.

- 2 - Shafts 2 7/16" x 10'-0" K.S. whole length
- 6 - " 1 7/16" x 10" K.S.
- 6 - Bracket Boxes 2 7/16 short top pattern, tap 3/8" pipe thread
- 12 - Solid Boxes 1 7/16" x 3" Babbitt.
- 4 - Safety Set Collars 2 7/16"
- 2 - Sprockets 12 teeth #82 riveted, Bore 2 7/16" K.S.
- 6 - " 14 " #78 " " 2 7/16" K.S.
- 6 - " 14 " #78 " " 1 7/16" K.S.
- 170 ft. #78 riveted chain.
- 44 ft. #82 " "

SECTION #5

Rolls front of Resaw.

- 2 - Dead pipe rolls 6" x 12" with 1 3/16" shaft clear through, each end to project 2 5/8" for bearing.
- 3 - Live pipe rolls 6" x 12" with 1 3/16" shaft clear through, one end to project 2 5/8" bearing, other end 6 1/2" for bearing and sprocket, K.S. end for sprocket.
- 5 - Sprockets 8 teeth #78 riveted, Bore 1 3/16" K.S.
- 2 - Shafts 1 3/16" x 8" K.S.
- 14 - Solid Boxes 1 3/16" x 2 1/2" Babbitt, with oiler, width of base 2".
- 32 ft. #75 - riveted chain.

SECTION #6

Resaw.

- 1 - Mershon 7 ft. Band Resaw, with outboard bearing and 40" x 15" pulley, Speed 380 R.P.M. Feed works on L.H. side of machine.

SECTION #7

Rolls back of Resaw.

- 2 - Dead pipe rolls 6" x 12" with 1 3/16" shaft clear through, each end to project 2 5/8" for bearing.
- 2 - Live pipe rolls 6" x 12" with 1 3/16" shaft clear through, one end to project 2 5/8" for bearing, other end 6 1/2" for bearing and sprocket K.S. end for sprocket.
- 2 - Sprockets 8 teeth #78 riveted. Bore 1 3/16" K.S.
- 8 - Solid Boxes 1 3/16" x 2 1/2" Babbitt, with oiler, width of base 2"
- 25 ft. #75 riveted chain.

SECTION #8

Transfer from Resaw to Edger.

All old, use old transfer between R. Hand
roll case and 7 ft. edger.

SECTION #9

Edger.

- 1 - Big Diamond 54" Edger with 18" x 18"
Arbor pulley on L. H. side and front
table with rolls and levers.

SECTION #10

Live rolls back of Edger.

8 - Pipe rolls 6" x 55" turned all over and with
1 11/16" shaft clear through, one end to project
for tail bearing, other end for bearing and gear.

1 - Pipe roll 8" x 55" turned all over with shaft
same as above rolls.

9 - R.Hand corner bracket boxes 1 11/16" for head
and driving shaft bearings, and provided with
gear covers top and bottom.

Boxes made to fit 12" I-Beam, 31 1/2# section.

9 - Tail Boxes 1 11/16" babbitted, to fit 12" I-Beam.

1 - Shaft 1 11/16" x 15' 0" K.S. whole length

1 - Shaft 1 11/16" x 17' 0" K.S. " "

1 - Pair safety flanged Couplings 1 11/16".

2 - Safety set collars 1 11/16".

X ✓ 1 - D.B.Pulley 7" x 9" Bore 1 11/16" K.S.

13 - Mitre Gears for 6" pipe rolls, Bore 1 11/16" K.S.

2 - Steel I-Beams 12" x 33' 0" - 31 1/2# to be drilled
and fitted at the mill.

MACHINERY FLOORSECTION #101

Addition to main counter L.H.side.

- 1 - Shaft 3 7/16" x 7' - 6" K.S.
- 1 - Pair Safety Flanged Couplings 6 7/16" x 3 7/16"
- 1 - P.B. 3 7/16" tap 1/2" pipe thread.
- 1 - D. B. Pulley 48" x 17" - Bore 3 7/16" K.S.
- 1 - D. B. " 16" x 7" - " 3 7/16" K.S.

SECTION #102.

Counter for Resaw.

- 1 - Shaft 3 7/16" x 18'-0" K.S.
- 3 - P.B. 3 7/16" tap 1/2" pipe thread.
- 2 - Safety Set Collars 3 7/16".
- 1 - D. B. Pulley 48" x 17" - Bore 3 7/16" K.S.
- 1 - D. B. Clutch Pulley 56" x 15" - Bore 3 7/16" with
27" - 3 arm Diamond Friction Clutch.
- 1 - Tightener Pulley 30" x 15" turned inside
Bore 2 15/16" K.S.
- 1 - Shaft 2 15/16" x 3'-2" ends turned 2 7/16" x length
to suit boxes.
- 2 - Angle tightener boxes 2 7/16 - tap 3/8" pipe thread
- 2 - Safety set collars 2 15/16"
- 1 - Tightener Pulley 30 x 17 turned inside
Bore 2 7/16" K.S.
- 1 - Shaft 2 7/16" x 3'-4" K.S.
- 2 - A. T. Boxes 2 7/16 tap 3/8" pipe thread.
- 2 - Safety Set Collars 2 7/16".

I - shaft 2 7/16" x 5'-0" K.S.
COMPUTER LOG NUMBER
SECTION #103

SECTION #103

Drive for transfer to Resaw R.H.

- 2 - Shafts 2 7/16" x 5'-0" K.S.
- 3 - P.B. 2 7/16" tap 1/2" pipe thread
- 1 - Slide Box 2 7/16" tap 1/2" pipe thread
- 4 - Safety Set Collars 2 7/16"
- 1 - Spur iron friction 40" x 8" Bore 2 7/16" K.S.
- 1 - Spur paper friction 10" x 9" Bore 2 7/16" K.S.
- 1 - Sprocket 10 teeth #32 riveted Bore 2 7/16" K.S.
- 1 - D. B. Pulley 30" x 7" Bore 2 7/16" K.S.
- 1 - Wood split pulley 16" x 7" Bore 5 15/16" on mainline.

SECTION #104

Drive for transfer to Resaw L.H.

- 2 - Shafts 2 7/16" x 6'-0" K.S.
 1 - " 2 7/16" x 5'-6" K.S.
 1 - " 1 15/16" x 5'-6" K.S.
 4 - P. B. 2 7/16" tap 3/8" pipe thread
 2 - P. B. 1 15/16" " 3/8" pipe thread
 2 - Slide Boxes 2 7/16" tap 3/8" pipe thread
 6 - Safety set collars 2 7/16"
 2 - " " " 1 15/16"
 1 - Spur iron friction 40" x 8" Bore 2 7/16" K.S.
 1 - " " " 20" x 8" " 2 7/16" K.S.
 1 - " paper " 10" x 9" " 2 7/16" K.S.
 1 - Mitre gear 20 teeth, 1 1/2" pitch, 3" face Bore 2 7/16" K.S.
 1 - " " 20 " 1 1/2" " 3 " " 1 15/16" K.S.
 1 - Sprocket 14 " #78 riveted " 1 15/16" K.S.
 1 - " 10 " #82 " " 2 7/16" K.S.
 1 - D. B. Pulley 30" x 7" " 2 7/16" K.S.

Conveyor from Resaw.

- 1 - Shaft 1 15/16" x 16'-0" K.S.
- 1 - " 1 15/16" x 2'-6" K. S.
- 1 - " 1 15/16" x 2'-0" K. S.
- 7 - P. B. 1 15/16" tap 3/8" pipe thread
- 6 - Safety set collars 1 15/16"
- 1 - Sprocket 10 teeth #78 riveted, Bore 1 15/16" K.S.
- 1 - " 30 " #78 " " 1 15/16" K.S.
- 2 - " 14 " #78 " " 1 15/16" K.S.
- 1 - D. B. Pulley 32" x 7" " 1 15/16" K.S.
- 1 - D. B. Pulley 8" x 7" " 2 15/16" K.S.

SECTION #106

Drive for rolls and transfer back of

Resaw.

- 1 - Shaft 2 7/16" x 6'-6" K.S.
- 2 - " 2 7/16" x 5'-6" K.S.
- 1 - " 1 15/16" x 5'-0" K.S.
- 4 - P. B. 2 7/16" tap 3/8" pipe thread
- 2 - P. B. 1 15/16" " 3/8" Pipe thread
- 2 - Slide Box 2 7/16" tap 3/8" pipe thread
- 6 - Safety set collars 2 7/16" pipe thread
- 2 - " " "1 15/16"
- 1 - Spur iron friction 30" x 6" Bore 2 7/16" K.S.
- 1 - " " " 20" x 6" " 2 7/16" K.S.
- 1 - " paper " 10" x 7" " 2 7/16" K.S.
- 1 - Mitre gear 20 teeth - 1 1/2" pitch - 3" face, Bore 2 7/16" K.S.
- 1 - " " 20 " - 1 1/2" " 3" " " 1 15/16" K.S.
- 1 - Sprocket 10 " - #32 riveted " 2 7/16" K.S.
- 1 - " 14 " - #78 " " 1 15/16" K.S.
- 1 - D.B. Pulley 32 x 7 " 2 7/16" K.S.
- 1 - Wood split pulley 16 x 7 " 5 15/16" on mainline.

SECTION #106SECTION #107

Addition to Edger counter.

- 1 - Shaft 4 7/16" x 9'-0" K.S. also for gear
- 1 - P. B. 4 7/16" tap 3/4" pipe thread
- 1 - Pair safety flanged couplings 4 7/16".
- 1 - D. B. Pulley 70" x 19" Bore 4 7/16" K.S.
- 2 - D. B. Pulley 12" x 7" Bore 4 7/16 K.S.
- 1 - Tightener Pulley 30" x 19" turned inside
Bore 2 15/16" K.S.
- 1 - Shaft 2 15/16" x 3'-6" K.S. ends turned 2 7/16" x
length to suit boxes.
- 2 - A. T. Boxes 2 7/16" tap 3/8" pipe thread
- 2 - Safety set collars 2 15/16".

SECTION #108

SECTION #108

Drive for Edger table rolls.

- 1 - Shaft 2 7/16 x 6'-0" K.S.
- 2 - P. B. 2 7/16" tap 3/8" pipe thread
- 2 - Safety Set Collars 2 7/16"
- 1 - D. B. Pulley 14" x 9" Bore 2 7/16" K.S.
- 1 - D. B. Pulley 36 "x 7" " 2/7/16" K.S.
- 1 - Wood split pulley 12" x 7" Bore 3 7/16" on
mainline.

SEE BLUE PRINT #111 - SHEET 1.