

12

CHAS. C. MOORE & CO. ENGINEERS

INCORPORATED

DESIGN AND
CONSTRUCTION OF
COMPLETE PLANTS
POWER LIGHTING
MINING
PUMPING

PACIFIC COAST BRANCH
THE BABCOCK & WILCOX COMPANY
CHAS. C. MOORE, MANAGER
MANUFACTURERS OF
WATER TUBE STEAM BOILERS

MAIN OFFICE
SHELDON BUILDING
FIRST STREET, CORNER MARKET
SAN FRANCISCO
BRANCH OFFICES
LOS ANGELES. 404 CENTRAL BUILDING
SEATTLE. L. C. SMITH BUILDING
SALT LAKE, 705-706 KEAPNS BUILDING
NEW YORK, HUDSON TERMINAL BUILDING
TUCSON, 21 SOUTH STONE AVENUE
HONOLULU, T. H.

ADDRESS ALL CORRESPONDENCE TO THE COMPANY
REGISTERED CABLE ADDRESS "CHASMORE"
IN REPLY PLEASE STATE FOR ATTENTION OF

SEATTLE
May 31, 1923.

Craig Mountain Lumber Co.,
Winchester, Idaho.
Gentlemen:-

We enclose three copies of Sheet No. 2
showing piping as proposed for your boiler.

You will note we have shown in solid lines
the simplest and cheapest form of piping to fit in with
your present requirements. This, however, does not give
a very flexible connection, although very much more flexible
than your present piping. The bend as shown in dotted, would
give greater flexibility, although being a little more expen-
sive. If the tee which they have marked "A", is looking in
the position indicated on the drawing, the bend could be ex-
tended 20", so as to come in to the side of the tee, and the
end of the tee could be used for taking off other lines.

We would like to have you check over the dimen-
sions as given on this print and advise us whether they are
correct. We would also like to have you advise us whether the
fittings as indicated are installed as shown, marking up one
of the prints and returning to us for our records.

We would also like to have you indicate your wishes as to whether the piping be made with bend shown in solid or ^{as} dotted. As it will be necessary to get out the bend in San Francisco after receipt of this information and as we do not want it to delay the completion of your plant, we would appreciate your sending one of the prints which we are enclosing, properly marked, direct to our San Francisco office, Sheldon Bldg., with one copy for us here.

Yours very truly,

CHAS. C. MOORE & CO. ENGINEERS
Seattle Office.

HWB:NFS

(Copy for S.F.)

Encs.

Per

J. M. Bushy
Mgr. J.

June 4, 1923.

Chas. C. Moore & Co.,
Engineers
SEATTLE, WASH.

Gentlemen:-

In reference to your letter of May 31st enclosing diagrams showing piping proposed for our boiler, we are returning herewith sketches as requested.

We find that the tee marked "A" is correct as to measurements and prefer to have the bend made according to the solid lines as indicated upon the enclosed drawings.

Yours truly,

CRAIG MOUNTAIN LUMBER COMPANY.

AMV/FA. ore & Co. Frisco.
CC: CCMo
Encl.

THE BABCOCK & WILCOX CO. (Barberton Works)

ORDER NO. S-7623

FITTING LIST

Barberton, Ohio, May 31, 1923

191

Craig Mountain Lumber Company,

Winchester, Idaho.

The following is a list of material shipped to you today, via

No. Pieces	DESCRIPTION
1	12" Steam gauge 0 to 300 lbs.
1	2-1/2" Plug cock for blow off, flgd. gate. strt. 4 holes
1	2-1/2" Blow off valve, flgd. 4 holes
2	2-1/2" " " " comp. flanges. Patt. No. 18201
2	1-1/2" Water col. flanges. Patt. No. 18199
1	Top valve 3/4" Stlg. water gauge
1	Bottom valve 3/4" Stlg. water gauge
1	3/4" x 18" Water gauge glasses
4	3/16" x 19" " " rods.
1	Pc. each 25 ft. water gauge chain
6	S Hooks
3	1/2" Gauge cocks
1	Card of rules
1	Cast iron flange, tapped 2-1/2" 201
1	Manhead wrench
4	3/4" x 4" Stud bolts--2 nuts each for blow offs
4	3/4" " " 2 " " " " " V.Y.S.
92	Anchor bolts and hex. nuts for closing doors.
2	1/2" x 1-3/4" Mach. bolts for drip pipe clamp
2	3/4" x 2-1/4" " " " " " "
8	5/8" x 2-1/2" " " " water column
8	3/4" x 3" " " " blow off valves
16	3/4" x 3-1/2" " " " safety " "
8	3/4" x 3" " " " feed " "
2	Drip pipe brackets H 655
2	" " clamps (2 pc. ea.) H 656
1	Stirling name plate
1	Reference plate
5	3/4" No. 8-32 thread brass mch. screws and nuts
4	12" cl 6" Rubber manhead gaskets.
2	1-1/2" x 3-3/4" Fibrous water col. gaskets.
3	2-1/2" x 5" " " gaskets for blow off
2	4" x 7" " " " " " "
3	2-1/2" x 5" " " " " " "
	In 1 Box.
2	4" Safety valves set at 135 lbs.
	In 1 Crate
1	F water col. 5017 F 5018 F
	In 1 Box.
1	2-1/2" Crane angle valve xhy. iron flgd.
1	2-1/2" " check " " " "
	In 1 Crate.
1	Pc. 3/4" Metallic cleaning hose 25 st. pipe thread con.
	In 1 Box.

We will not be responsible for any shortages unless promptly reported to us immediately upon receipt of the material. Kindly check lists and return to us at once. Notify R. R. Co. on arrival of any parts found broken or defective through careless handling.

Yours truly,

THE BABCOCK & WILCOX CO.

THE BABCOCK & WILCOX CO. (Barberton Works)

ORDER NO. **S-7623**

PIPING LIST

Barberton, Ohio, **May 31, 1923** 191

Craig Mountain Lumber Company,

Winchester, Idaho.

The following is a list of material shipped to you today, via

No. Pieces	DESCRIPTION
------------	-------------

- 3 Pcs. 1/4" Steel gauge cock rods 5'11-1/8"
- 3 " 3/8" " 6'6"
- 3 Brass handles for gauge cock rods
- 3 " connections for gauge cock rods
- 3 Steel couplings " " "
- 10'4" Pipe 1-1/2" Dia.
- 10'6" " 1-1/2" Dia. brass (.145)
- 1 Pipe std. wt. 3/4"x3'0"
- 2 Nipples std. wt. 3/4"x2-5/8"
- 2 " " 3/8"x2-7/8"
- 1 " 3/4"x7"
- 2 " 3/4"x2"
- 1 Pipe xhy. iron 2-1/2"x5'4-3/4"
- 14'10" Pipe 3/4" Dia.
- 16'0" " 3/8" "
- 18'10" " 1/4" " brass (.088)
- 1 Pipe std. soot blower complete
- 1 Tee 1"x1-1/2"x3/4" 9805
- 1 Nozzle 9806
- 1 Pipe 1"x12-3/8"
- 1 " 1/2"x5'x9-1/2"
- 1 Set. piping comp. xhy. iron.
- 1 Cross--brass 1-1/2"x1-1/2"x1-1/2"x1-1/2"
- 4 Plugs--brass 1-1/2"
- 2 Elbows 45 3/8"
- 2 " 45 3/4"
- 1 " 90 3/4"
- 1 Y's iron 3/8"x3/4"x3/4" H 627
- 1 Union 3/8"
- 1 " 3/4"
- 1 Globe valve--brass 3/8" screwed.
- 1 " " " 3/4" "
- 1 " " " 1/4" "
- 1 Union " 1/4" "
- 1 Coupling " 1/4"
- 1 Elbow 90 " 1/4"
- 1 Tee " 1/4"
- 1 Globe valve--brass 3/4" screwed
- 1 Elbow 90 3/4"
- 1 Nipple 2-1/2"x5-1/2"
- 1 Coupling--brass 1/4"
- 1 Cross--iron 1-1/2"

In 1 Box.

We will not be responsible for any shortages unless same are reported to us immediately upon receipt of the material. Kindly check list and return to us at once. Notify R. R. Co. on arrival of any parts found broken or defective through careless handling.

Yours truly,

THE BABCOCK & WILCOX CO.

THE BABCOCK & WILCOX CO. (Barberton Works)

WATER TUBE SAFETY BOILERS

ORDER NO. **S-7623**

Barberton, Ohio, **MAY 29, 1923.** 192

C. C. MOORE & CO.,
~~CRAIG MOUNTAIN LUMBER CO.,~~

We will not be responsible for any shortages unless same are reported to us immediately upon receipt of the material. Kindly check list and return to us at once. Notify R. E. Co. on arrival if any parts be found broken or defective through careless handling.

WINCHESTER, IDAHO.

The following is a list of Material shipped to you today, in **PL 825279 VIA PENNA BELT RY OF CHICAGO**

C&NW NO. PAC. CRAIG MOUNTAIN RY DELIVERY

No. of Pieces	ARTICLES	No. of Pieces	ARTICLES	No. of Pieces	ARTICLES
	Mud Drum R. H.		Channels " x lbs. x ' "		Tile Bearer Yokes
	Mud Drum L. H.	1	Bx. Bolts for Supports	1	W. C. Brackets No. 5019 F
	Back Drum R. H.		Covering Plates " x ' "	1	W. C. B. Rests No. 7593
	Back Drum L. H.		Covering Plates " x ' "		S. G. Brackets No.
	Middle Drum R. H.		Covering Plates " x ' "		C. I. Brackets No.
	Middle Drum L. H.	(4	Tile Bearer Rods 7/8" x 14' 3"		C. I. Buckstays No.
	Front Drum R. H.	(2	Binder Rods 1 1/8" x 18' 0"		C. I. B. off Ells 2 1/2"
	Front Drum L. H.	(4	Binder Rods 1 1/8" x 2' 0"		Pipe, no Threads
25	Tubes No. 1 1 BDL	(3	Binder Rods 1 1/8" x 15' 11"	14	Round Washers W-184 1 BDL
25		(2	Binder Rods 1 1/8" x 15' 2"		Round Washers No. 283
25		(1	DAMPER ROD 5/8" x 15' 4"		Grate Bars No.
25			Binder Rods 1 1/8" x ' "		Grate Bars No.
25			Hook Bolts		Grate Bearers No.
25			Sets Firing Tools (Pc.)		Grate Bearer Rests No. 17
25			Fire Door Panels		Grate Bearer Rests No. 17-A
25			Fire Doors and Liners		Grate Supports No.
25			Ash Doors		Spl. Tile Mkd. "O"
25			Outer Columns		Skew Backs A-1
25			Inner Columns		Skew Backs B
25			Center Columns		Bullheads 2 1/2" x 2 " x "
25			Middle Columns		Bullheads 2 1/2" x 1 3/4" x "
25			Dead Plates No.		Sq. Brick 2 1/2" x 4 1/2" x 9"
25			Upper Half Lower Front		Spl. Bolts "x ' "
13		4	BUCKSTAYS 9" x 21.8# x 9' 4-3/4"		Spl. Bolts "x ' "
13		2	ANCHOR PLATES 4" x 3/8" x 4"		Spl. Bolts "x ' "
25			CORNICE IN BOX		Bent B. O. Pipe Flgs. Attd.
25		1	ANGLE 4" x 3" x 5/8" x 15' 4-1/2"		Box Fittings
25			Outer Pilaster		IN 1 PCE
25		1	ANGLE 6" x 4" x 1/2" x 15' 4-1/2"		Crts. Pop Valves
25			Center Pilaster		Crts. B. O. Valves
25		2	ANGLES 6" x 4" x 1/2" x 5' 0-1/2"		ATTACHED
25			Lower Piece		Bx. Water Columns
25		2	ANGLES 4" x 3" x 3/8" x 20-1/2"		Bx. Piping
2	Girders 24 " x 79.8 lbs. x 18' 6-1/4"		DAMPER BOX NO.		
2	Girders " x lbs. x ' "		CORNICE ENDS		
2	DBLE " x 21.8 lbs. x 15' 2"	11	T BARS 4" x 4" x 3/8" x 14' 0"		
2	DBLE " x 21.8 lbs. x 13' 4"		Panel Ends		
	I. Columns " x lbs. x ' "		Box Bolts for Fronts		
	I. Columns " x lbs. x ' "		Filler Piece		
	I. Columns " x lbs. x ' "		Extension Furnace Cornice		
	Angle Col. " x lbs. x ' "		Inspection Doors No.		PARTIAL SHIPMENT
	Angle Col. " x lbs. x ' "		Elip. Doors No.		
1	Angles 4 " x 3 " x 3/4 " x 13' 3"		Explo. Doors No.		
1	Angles 6 " x 3 1/2 " x 3/8 " x 13' 3"		24" Round Doors		
1	Angles 4 " x 3 " x 3/4 " x 14' 8"		10" Round Doors		
2	Buckstays 9 " x 21.8 lbs. x 9' 6-1/2"		14" Round Doors		
2	Buckstays 9 " x 21.8 lbs. x 5' 10-1/4"		Balance Wts. No.		
2	I. Beams 10 " x 25.4 lbs. x 15' 2-1/4"		Fulcrums No.		
4	BUCKSTAYS 9" x 21.8# x 9' 11-1/2"		Tile Bearer Yokes	17931	
2	BUCKSTAYS 9" x 21.8# x 16' 6"	4			

THE BABCOCK & WILCOX CO. SHIPPING DEPARTMENT

THE BABCOCK & WILCOX CO. (Barberton Works)

WATER TUBE SAFETY BOILERS

PROTECTED CONTRACT
 REFERRED WITH ADVICES
 FOR ATTENTION GIVER ORDERS
 TO SENT TO
RECEIVED
 JUN 4 1923
 RETURN ANSWERED
 TO ONLY
 STAMP HERE BY

ORDER NO. **S-7623** OUR ORDER **15138**

Barberton, Ohio, **MAY 29, 1923.**

C.C. MOORE & CO.,
~~CRAIG MOUNTAIN LUMBER CO.,~~

We will not be responsible for any shortages unless same are reported to us immediately upon receipt of the material. Kindly check list and return to us at once. Notify R. R. Co. on arrival if any parts be found broken or defective through careless handling.

SINCHESTER, IDAHO.

The following is a list of Material shipped to you today, in **PRR 284626 VIA PENNA BELT RY OF CHICAGO**

No. of Pieces	ARTICLES	No. of Pieces	ARTICLES	No. of Pieces	ARTICLES
	Mud Drum R. H.		Channels " x lbs.x ' "		Tile Bearer Yokes
1	Mud Drum L. H. N.B.1106		Bx. Bolts for Supports		W. C. Brackets No.
	Back Drum R. H.	4	Covering Plates 36 " x 3 ' 11 "		W. C. B. Rests No.
1	Back Drum L. H. N.B.1106	2	Covering Plates 30 " x 3 ' 11 "		S. G. Brackets No.
	Middle Drum R. H.	4	Covering Plates 24 " x 3 ' 11 "		C. I. Brackets No.
1	Middle Drum L. H. N.B.1106		Tile Bearer Rods $\frac{7}{8}$ " x ' "		C. I. Buckstays No.
	Front Drum R. H.		Binder Rods $1\frac{1}{8}$ " x ' "		C. I. B. off Ells $2\frac{1}{2}$ "
1	Front Drum L. H. N.B.1106		Binder Rods $1\frac{1}{8}$ " x ' "		Pipe, no Threads
	Tubes No. 1		Binder Rods $1\frac{1}{8}$ " x ' "		Round Washers W-184
1	PLATE 12" X #10 X 8' 0"		Binder Rods $1\frac{1}{8}$ " x ' "		Round Washers No. 283
1	PLATE BRACKET 1 IN BOLT BOX 10" X 3/16" X 13"		Binder Rods $1\frac{1}{8}$ " x ' "		Grate Bars No.
1	AIR ADMISSION DOOR COMP. 22672-22673 2 PCS		Binder Rods $1\frac{1}{8}$ " x ' "		Grate Bars No.
1	SEALING PLATE 10139	1	Hook Bolts		Grate Bearers No.
1	WALL SLEEVE 10140	4	Sets Firing Tools (3 Pc.) 13' 6"		Grate Bearer Rests No. 17
1	MUD DRUM CLOSING PLATE 23239	4	Fire Door Panels W.S.		Grate Bearer Rests No. 17-A
26	3-1/2" X 1" X 5' 0" STRIPS	2	Fire Doors and Liners 18" X 22" ATTACH.		Grate Supports No.
22	2" X 1" X 5' 0" STRIPS	2	Ash Doors 17" X 22"	(26)	Spl. Tile Mkd. "O"
	1 BOX	1	Outer Columns		Skew Backs A-1
1	STEAM GAUGE BRACKET 9138 IN BOLT BOX	4	Inner Columns	(32)	Skew Backs B
13	ANGLE TILE 14662 13 CRTS 12" X 24" X 24"	2	Center Columns	(36)	Bullheads $2\frac{1}{2}$ " x 2 " x "
1	ANGLE & CHECK VALVE	1	Middle Columns	(200)	Bullheads $2\frac{1}{2}$ " x $1\frac{1}{4}$ " x "
	18	1	Dead Plates No. 24225		Sq. Brick $2\frac{1}{2}$ " x $4\frac{1}{2}$ " x 9"
	19	1	Upper Half Lower Front		Spl. Bolts "x ' "
	20	1	Panel Plates		Spl. Bolts "x ' "
Girders " x lbs.x ' "		1	Cornice		Spl. Bolts "x ' "
Girders " x lbs.x ' "		1	Name Plates CRAIG MOUNTAIN LUMBER CO.		Cent B. O. Pipe Flgs. Attd.
I. Columns " x lbs.x ' "		2	Outer Pilaster		Box Fittings
I. Columns " x lbs.x ' "		1	Center Pilaster		Crts. Pop Valves
I. Columns " x lbs.x ' "		1	Lower Piece		Crts. B. O. Valves
Angle Col. " x lbs.x ' "		1	Damper Box No. 13A11 A 25 L.	1	Bx. Water Columns
Angle Col. " x lbs.x ' "		1	Panel Ends	1	Bx. Piping
1 Angles 6 " x 4 " x 1/2 " x 13 ' 11 "	17	1	Box Bolts for Fronts		
Angles " x " x " ' "		1	Filler Piece		
Angles " x " x " ' "		1	Extension Furnace Cornice		COMPLETE SHIPMENT
Buckstays " x lbs.x ' "		1	Inspection Doors No.		
Buckstays " x lbs.x ' "		4	Elip. Doors No. 23679 23680		
I. Beams " x lbs.x ' "		4	Explo. Doors No.		
I. Beams " x lbs.x ' "		4	24" Round Doors 23685 23686		
I. Beams " x lbs.x ' "		4	10" Round Doors		
I. Beams " x lbs.x ' "		4	14" Round Doors 24657 24658		
I. Beams " x lbs.x ' "		4	Balance Wts. No. 24096 2 PCS EA.		
I. Beams " x lbs.x ' "		4	Furnace No. 24098		
I. Beams " x lbs.x ' "			Tile Bearer Yokes		

THE BABCOCK & WILCOX CO. SHIPPING DEPARTMENT

UNIFORM STRAIGHT BILL OF LADING

(PRESCRIBED BY THE INTERSTATE COMMERCE COMMISSION)

ORIGINAL—NOT NEGOTIABLE

Shipper's No. **S 7573**

Agent's No. **7623**

THE PENNSYLVANIA RAILROAD COMPANY

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

RECEIVED JUN 4 1923
 RETURN TO
 ANSWERED
 STAMP HERE

at **BARBERTON, OHIO, MAY 29TH 1923**

from **BABCOCK & WILCOX CO.**

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to **C. C. MOORE & COMPANY CRAIG MOUNTAIN LUMBER COMPANY**

Destination **WINCHESTER** State of **IDAHO** County of _____

Route **PENNA BELT RY OF CHICAGO C&NW NO. PAC. CRAIG MOUNTAIN RY DELIVERY)** Car Initial **(BELOW)** Car No. _____

(Delivering carrier)

No. Packages	DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN
	(PRR 284628) BOILER KD (GROSS)	88100		
	ACTUAL LIGHT WEIGHT	43900		
58 PIECES)	DUNNAGE	500		
5 BOXES)	NET	43700	286 1/2 PER	100 LBS
7 BOLS) 15 CRATES)				
	(PL 825279) BOILER KD (GROSS)	93400		
	ACTUAL LIGHT WEIGHT	51500		
2 BUNDLES)	DUNNAGE	500		
1 BOX)	NET	41400	2.86 1/2 PER	100 LBS
519	PIECES)			
	PUR ORDER 15138	TARIFF U-S		
	2.43 TO JOSEPH IDAHO	.31 JOSEPH TO CRAIG JUNCTION		
	.12 BEYOND CRAIG JUNCTION			

If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)

(Signature of consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

PREPAID

Received \$ _____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

The signature here acknowledges only the amount prepaid.)

Charges Advanced:

\$ _____

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight."

NOTE.—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per _____

B&W CO
MJM

Shipper

Agent

Per _____

Per _____

BARBERTON, OHIO.