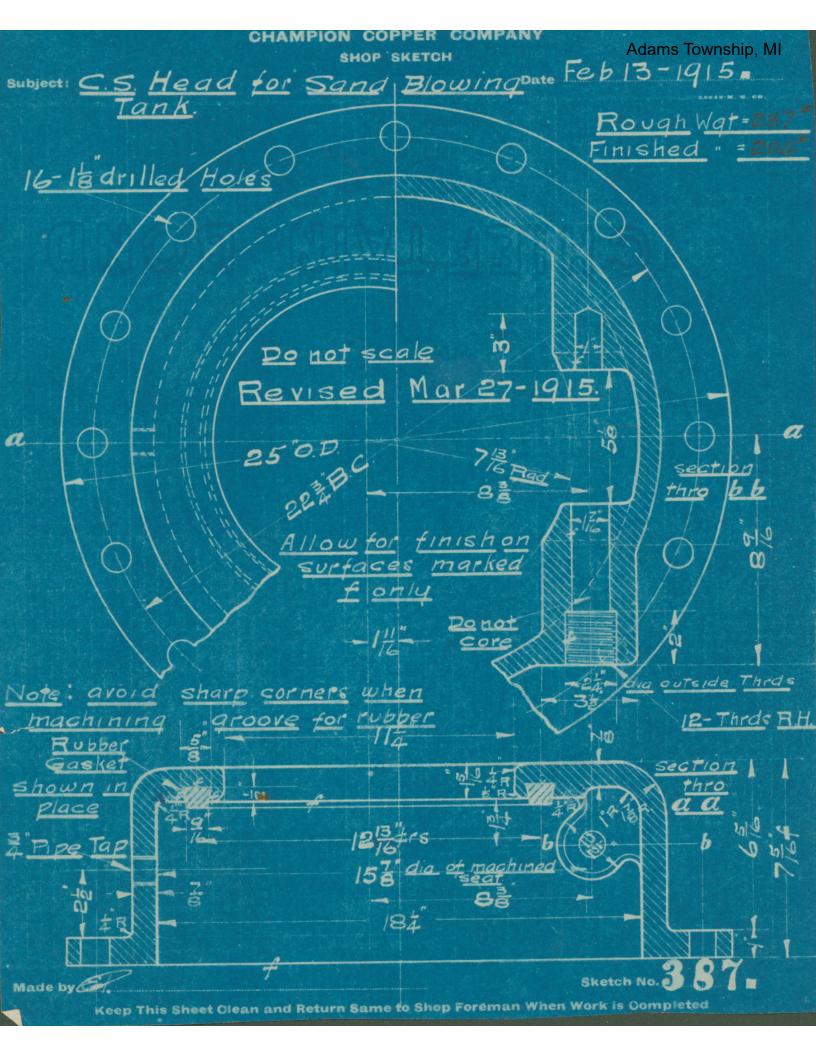
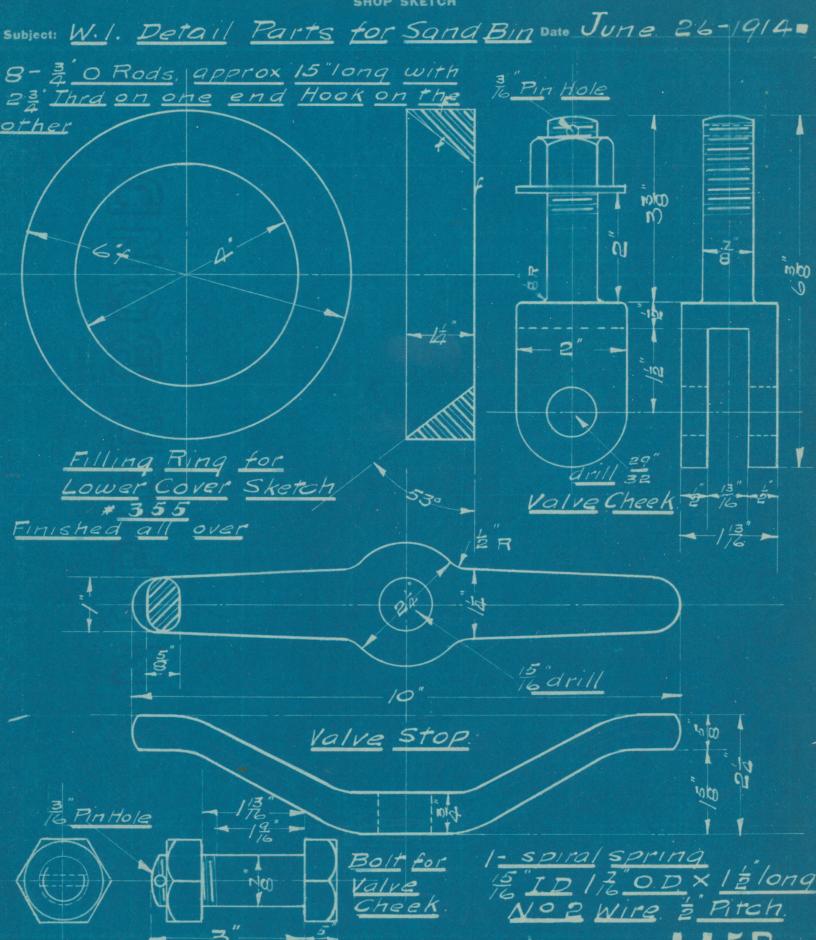
Adams Township, MI CHAMPION COPPER COMPANY SHOP SKETCH Detail of Drilling, Tapping Feb 17-1915 Subject: and Boring, S.I Head for Sand Blowing Tank 16-1" U.S. Std.Tapped
Holes 22 A B.C. BER section showing Head after being bored Sketch No. 135B Made by Keep This Sheet Clean and Return Same to Shep Foreman When Work is Completed



Adams Township, MI Hard Stom Liner for Date May 10-1915.

4" Tee Sand Blowing Tank. Subject: Rough Wat =



Made by E

Adams Township, MI

Subject: Quick Opening Gate for Sand Date Mar, 22-1915. Blowing Tank 39 EPPROX # Plate Piece of le Pipe

Countersink on this side only placed on Ho & Rivers gapp -

All - & Bolts

Ex 3 Iron To clamp outside of 10" Pipe Ex 3"Irone 0 0

Note: Pipe. 12" to 14" long

Sketch No.141B

To Clamp &

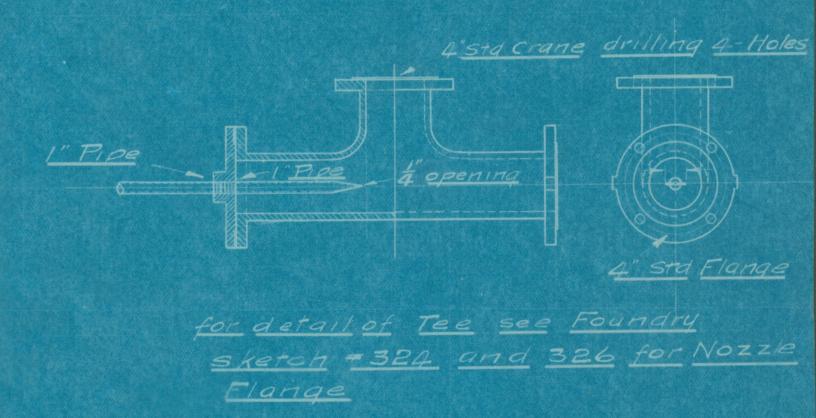
CHAMPION COPPER COMPANY SHOP SKETCH

Subject: C.S. Lower Cover for Sand Bin Date June 25-1914 Rough Wat-Finished Wat= 8- Jarilled Holes Machined Strip KIBS must not W.I. Filling Ring placed here drilled for I"PipeTap section thro aa Taper Core from 1"0 20 119

Allow for finish on surfaces marked fonly

Sketch No.355.

Subject: General Arrangement of Date Feb 19-14. Sand Blower

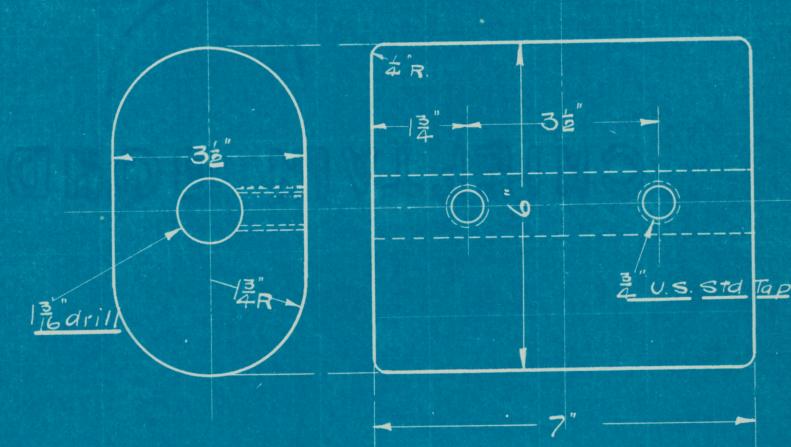


Sketch No 98B.

Subject: C.I. Weight for Gate, Sand Date April 13-1915.

Blowing Tank.

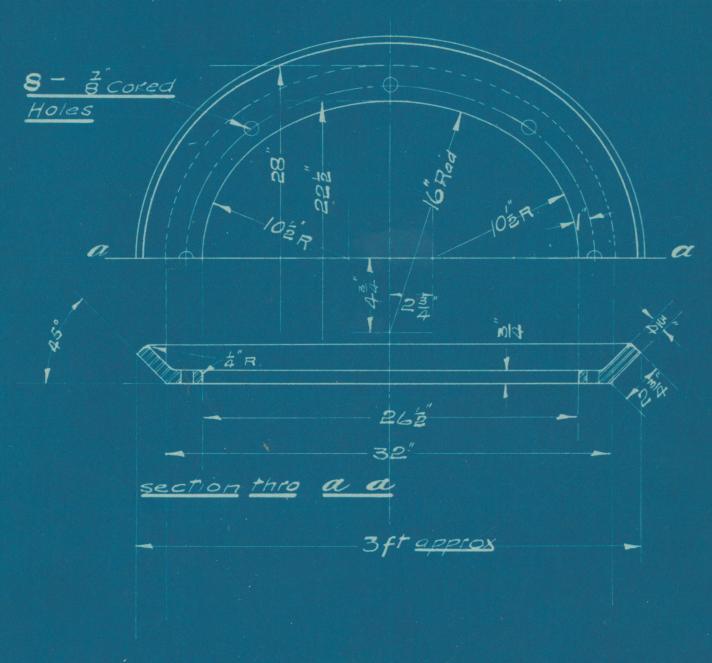
Rough Wat = 35 #



SHOP SKETCH

Subject: S. Suspension Ring for Upper Date June 20-1914.

Rough Wat -



Sketch No. 352

Subject: C S Seat for Upper and LowerDate June 23-1914.

Covers Sand Bin

Rough Wat = Finished = 32" section thro

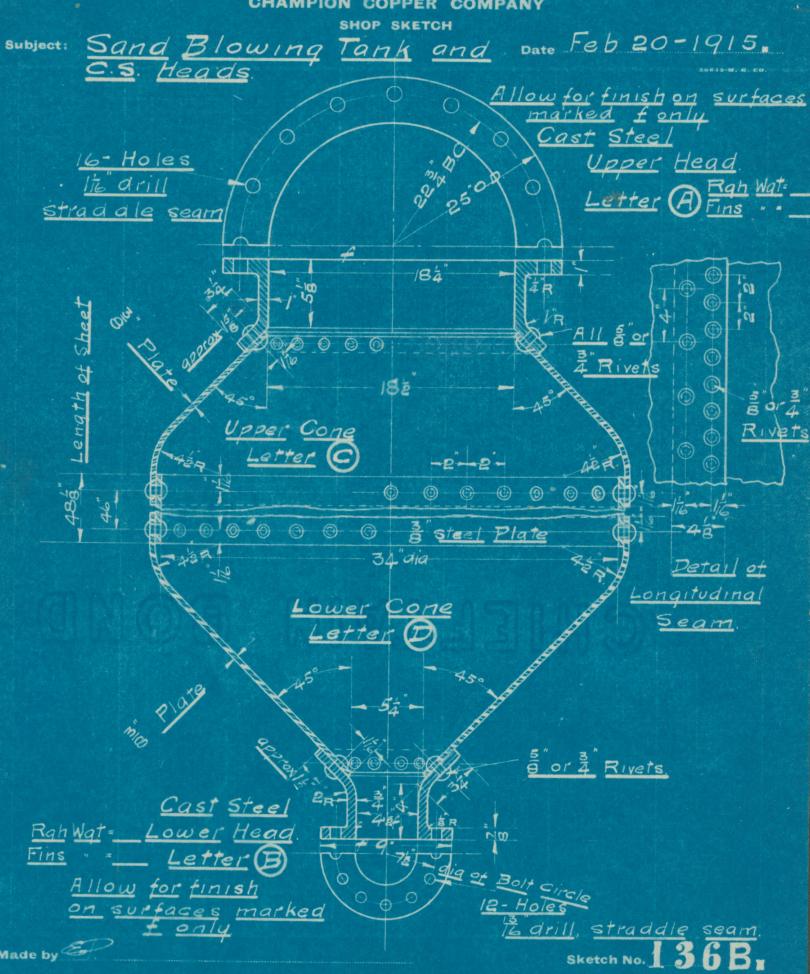
Allow for finish on surfaces marked fonly

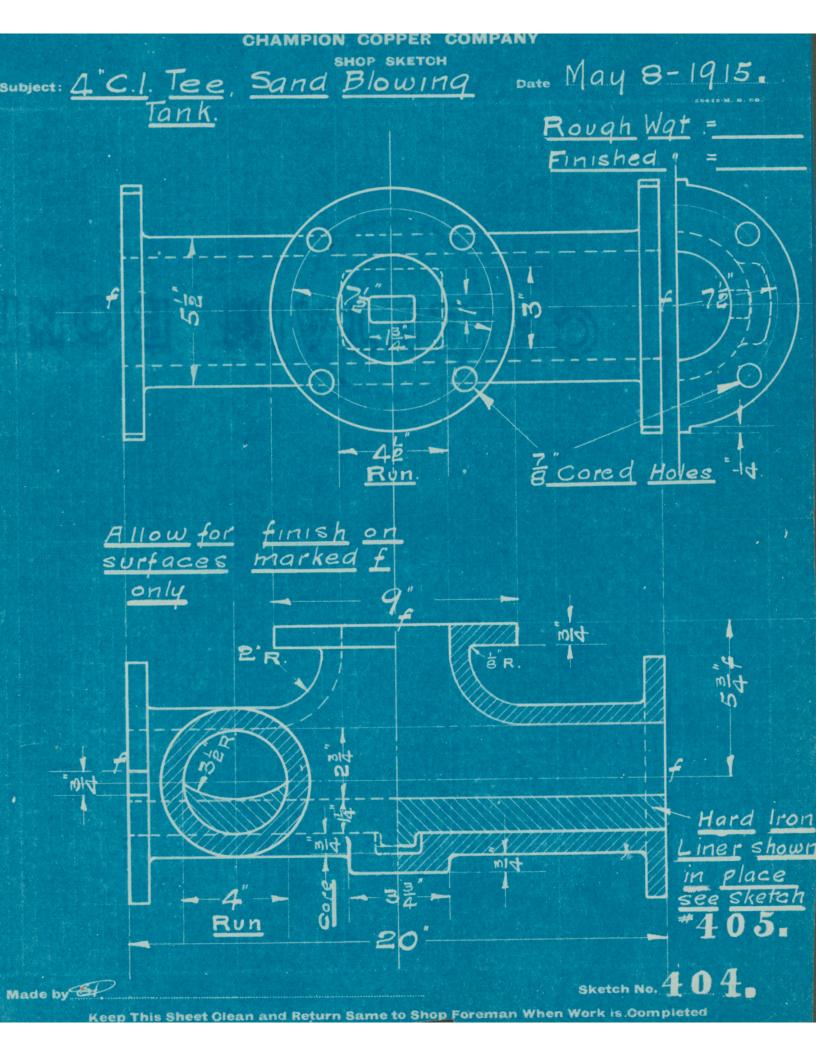
Sketch No.353.

CHAMPION COPPER COMPANY subject: W.1. Cone for Sand Feeder Date Oct 31-1913. 等 Bolt a Made by

Keep This Sheet Clean and Return Same to Shop Foreman When Work is Co

Sketch No. 95B.



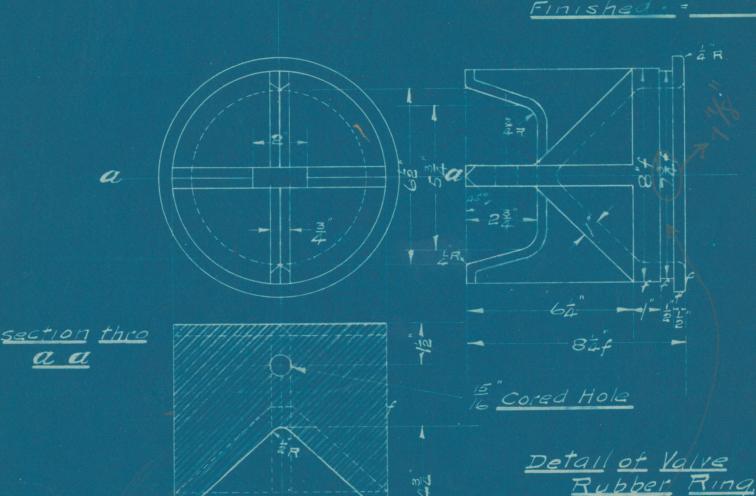


SHOP SKETCH

Subject: C.S. Valve for Upper Cover Sand Bin.

Date June 24-1914

Rough Wat =_



Allow for finish on surfaces marked fonly

For Valve Cheek and Stop see Sketch # 115 B.

62

SHOP SKETCH Subject: C. S. Upper Cover for Sand Date June 24-1914. Rough Wat -Finished " Cost 12-Ribs on under & Pipe Tap drilled side thro to "Core 14 Pipe Tap. both sides 134 Rad a

1/1 Cast 8- Lugs with 8- 2" Cored Holes מו- מומי 12-76 drilled section thro a a 122 3 core detail of sea Allow for finish on surfaces marke Made by E

Subject: C.S. Hand Hole Plate for Lower Date June 26-1914. Cover Sand Bin

Rough Wat -Finished "



23 core _ Allow for finish on surfaces marked fonly

Sketch No 357

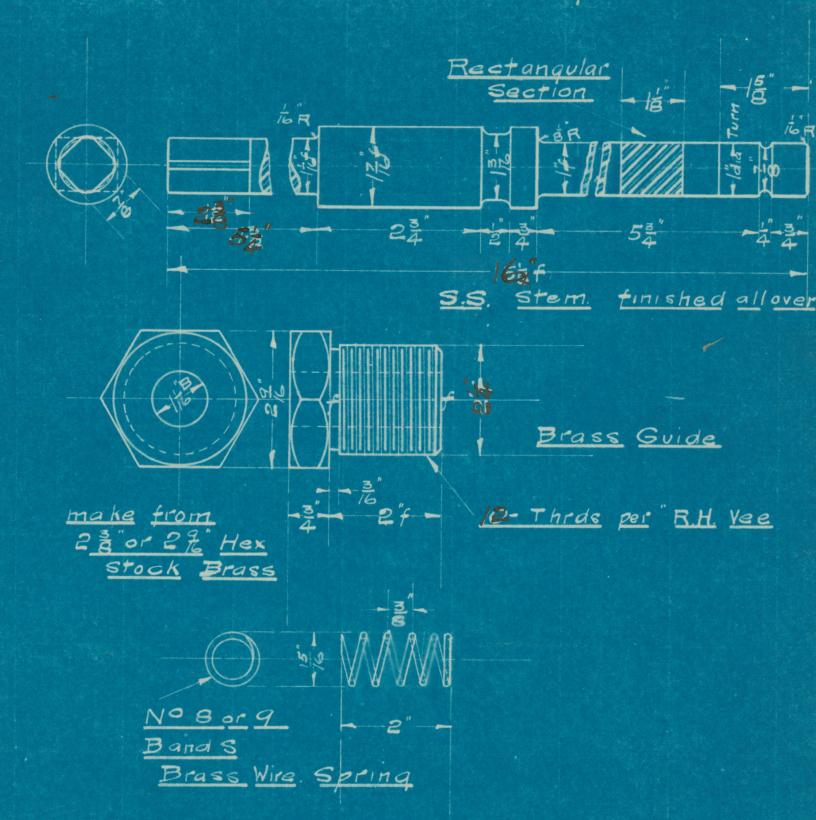
subject: S.S. Gate for Sand Blowing te Feb 13-1915. Tank. Rough Wat = 58 AR 14" O.D. 88 103 38 - 38 - 36 -Cored Slot Allow for finish on surfaces marked fonly

Revised Mar 27-1915.

Made by

SHOP SKETCH

subject 5 Steel Stem and Brass Guide Date Feb 16-1915.
for C.S. Gate, Sand Blowing Tank.



Made by

Sketch No. 134B

