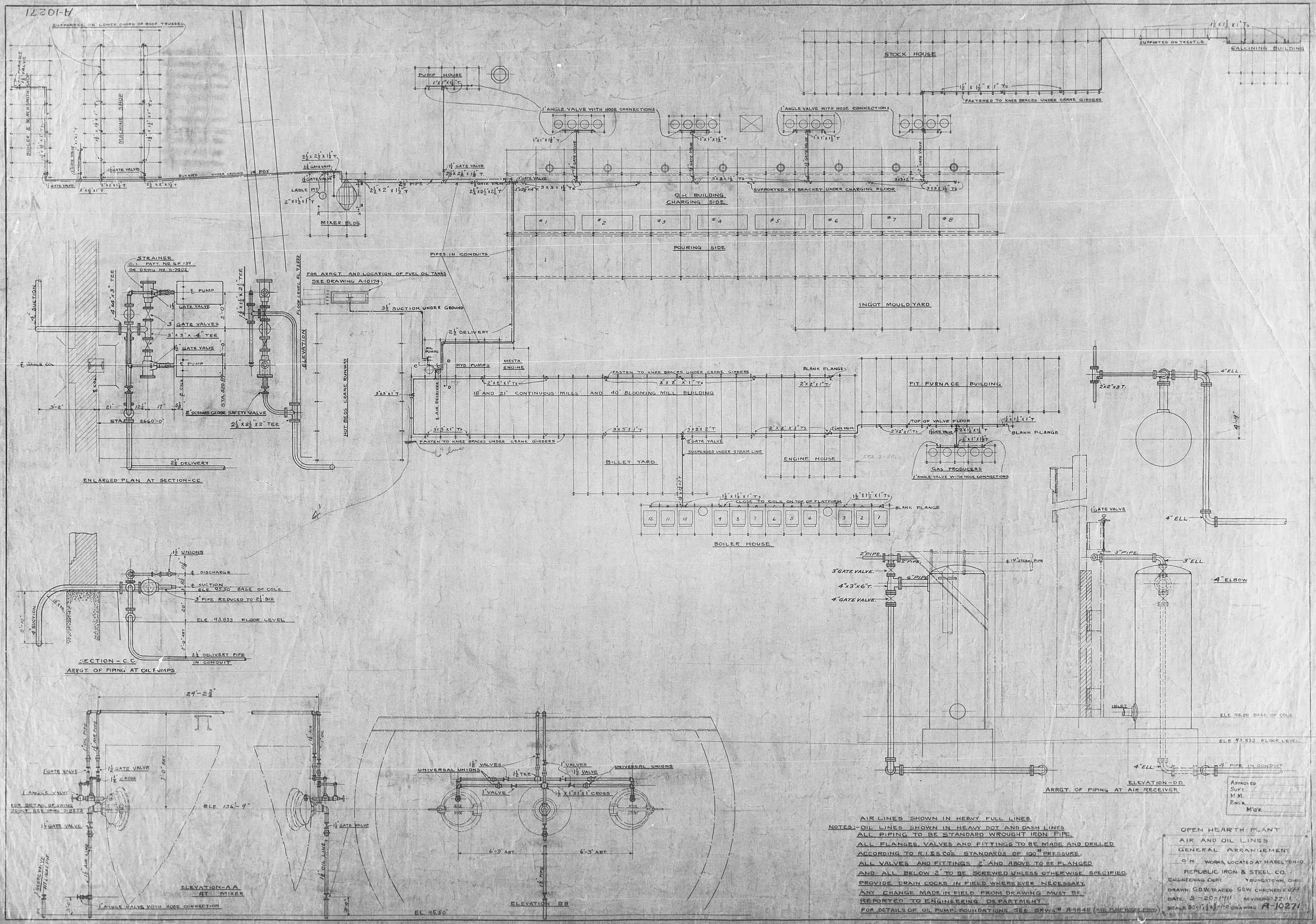
A-10271
SUPPORTED ON LOWER CHORD OF ROOF TRUSSES
BOILER & BLACKSMITH SHOP
MACHINE SHOP
PUMP HOUSE
STOCK HOUSE
SUPPORTED ON TRESTLE
CALCINING BUILDING
FASTENED TO KNEE BRACES UNDER CRANE GIRDERS
1" ANGLE VALVE WITH HOSE CONNECTIONS
BURIED UNDER GROUND IN BOX
MIXER BLDG.
O.H. BUILDING CHARGING SIDE
SUPPORTED ON BRACKET UNDER CHARGING FLOOR
POURING SIDE
INGOT MOULD YARD
PIPES IN CONDUITS
STRAINER
C.I. PATT. NO. S.P. 139
ON DRWG. NO. S-7402
FOR ARRGT. AND LOCATION OF FUEL OIL TANKS
SEE DRAWING A-10174
3½" SUCTION UNDER GROUND
2½" DELIVERY
ELEVATION
HOT BEDS CRANE RUNWAY
HYD. PUMPS
MESTA ENGINE
18" AND 21" CONTINUOUS MILLS AND 40" BLOOMING MILL BUILDING
BLANK FLANGE
PIT FURNACE BUILDING
TOP OF VALVE FLOOR
BILLET YARD
ENGINE HOUSE
SUSPENDED UNDER STEAM LINE
GAS PRODUCERS
1" ANGLE VALVE WITH HOSE CONNECTIONS
CLOSE TO COLS. ON TOP OF PLATFORM
BOILER HOUSE
ENLARGED PLAN AT SECTION-CC
2" SCREWED GLOBE SAFETY VALVE
2½" x 2½" x 2" TEE
SECTION - C.C.
ARRGT. OF PIPING AT OIL PUMPS
ELE. 93.833 FLOOR LEVEL
2½" DELIVERY PIPE IN CONDUIT
ELEVATION-AA AT MIXER
ELEVATION BB
ELEVATION-DD
ARRGT. OF PIPING AT AIR RECEIVER
ELE. 95.50 BASE OF COLS.
ELE. 93.833 FLOOR LEVEL
4" PIPE IN CONDUIT
4" ELBOW
3" ELL.
4" ELL.
3" GATE VALVE
4" x 3" x 6" T.
4" GATE VALVE
UNIVERSAL UNIONS
1½" VALVES
1" VALVES
1½" TEE
1½" VALVE
1" VALVE
1½" x 1" x 1" x 1" CROSS
6'-3" ABT.
6'-3" ABT.
EL. 95.50'
ELE. 136'-9"
29'-2¾"
1" ANGLE VALVE WITH HOSE CONNECTION
FOR DETAIL OF SWING JOINT SEE DRWG. S-8553
1½" GATE VALVE
1½" CROSS
1" GATE VALVE
1" ANGLE VALVE
1½" GATE VALVE
1½" AIR LINE
1½" OIL LINE
1" GLOBE VALVE AT LADLE PIT
1½" AIR
1" OIL
1" OIL PIPE
1½" AIR PIPE
1½" AIR
1" OIL
1½" GATE VALVE
1½" OIL LINE
1½" AIR
1" OIL
1½" PIPE
APPROVED
SUP'T.
M.M.
ENG'R.
M'G'R.
AIR LINES SHOWN IN HEAVY FULL LINES.
NOTES:- OIL LINES SHOWN IN HEAVY DOT AND DASH LINES.
ALL PIPING TO BE STANDARD WROUGHT IRON PIPE.
ALL FLANGES, VALVES AND FITTINGS TO BE MADE AND DRILLED ACCORDING TO R.I.&S.CO'S. STANDARDS OF 100# PRESSURE.
ALL VALVES AND FITTINGS 2" AND ABOVE TO BE FLANGED AND ALL BELOW 2" TO BE SCREWED UNLESS OTHERWISE SPECIFIED.
PROVIDE DRAIN COCKS IN FIELD WHEREEVER NECESSARY.
ANY CHANGE MADE IN FIELD FROM DRAWING MUST BE REPORTED TO ENGINEERING DEPARTMENT.
FOR DETAILS OF OIL PUMP FOUNDATIONS SEE DRWG. # A-9848 (HYD. PUMP HOUSE FOUND.)
OPEN HEARTH PLANT
AIR AND OIL LINES
GENERAL ARRANGEMENT
O.H. WORKS, LOCATED AT HASELTON-O.
REPUBLIC IRON & STEEL CO.
ENGINEERING DEPT. YOUNGSTOWN, OHIO.
DRAWN: G.D.W. TRACED G.D.W. CHECKED E.D.F.
DATE 5-20-1911 REVISED 6-27-11
SCALE 30"=1", ½"=1'-0" DRAWING A-10271