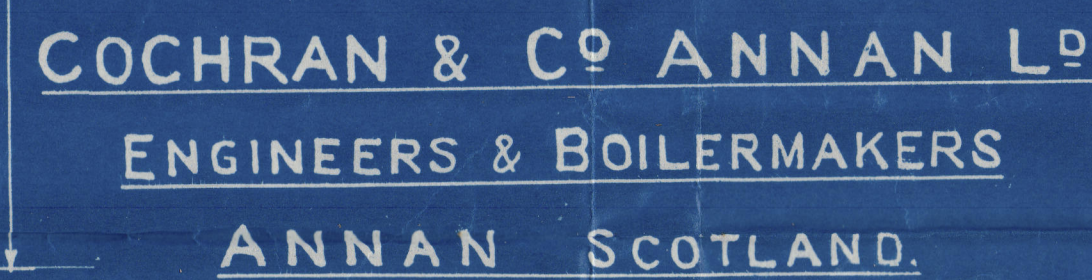
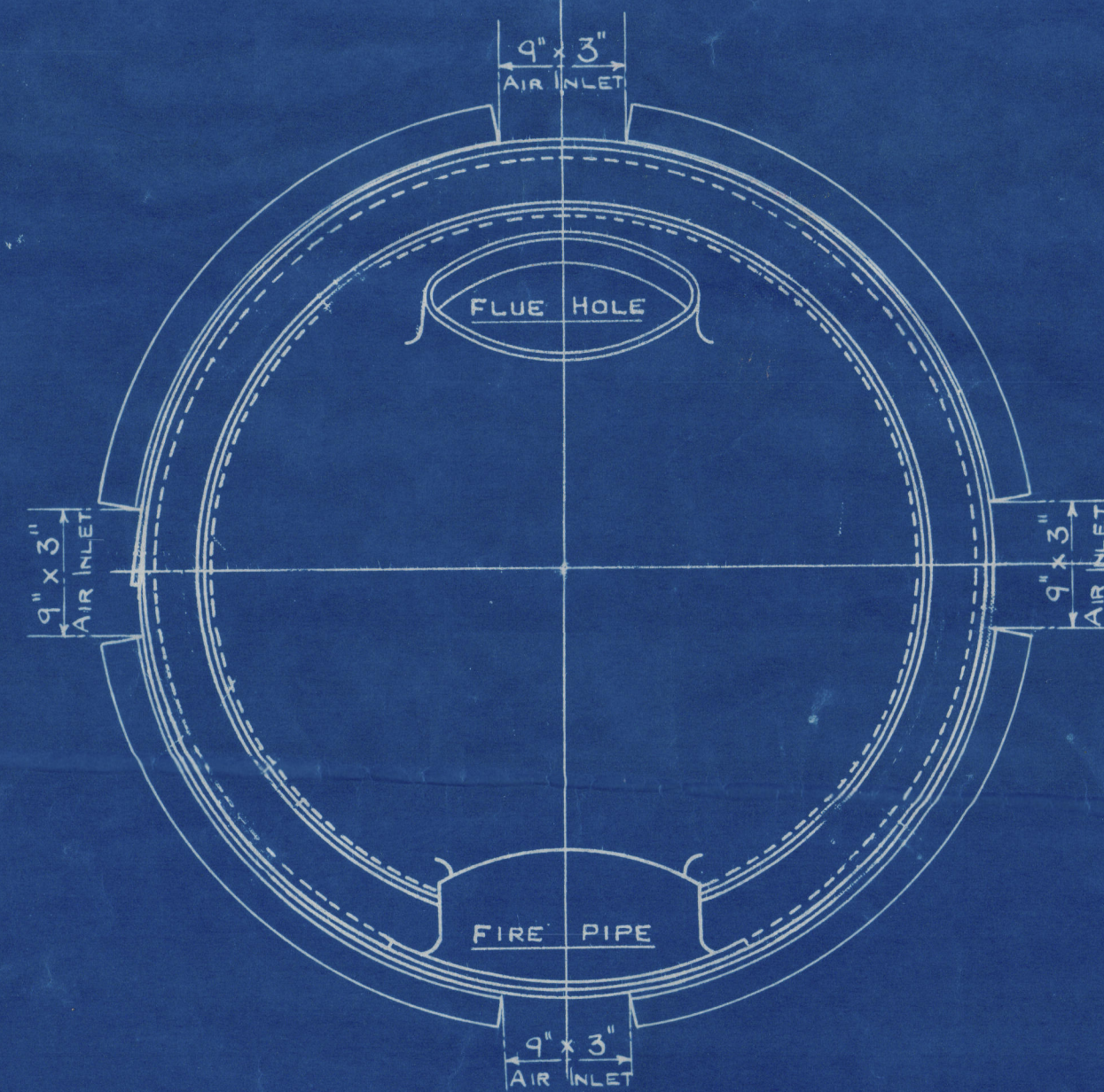


HORIZONTAL FLUE TUBES

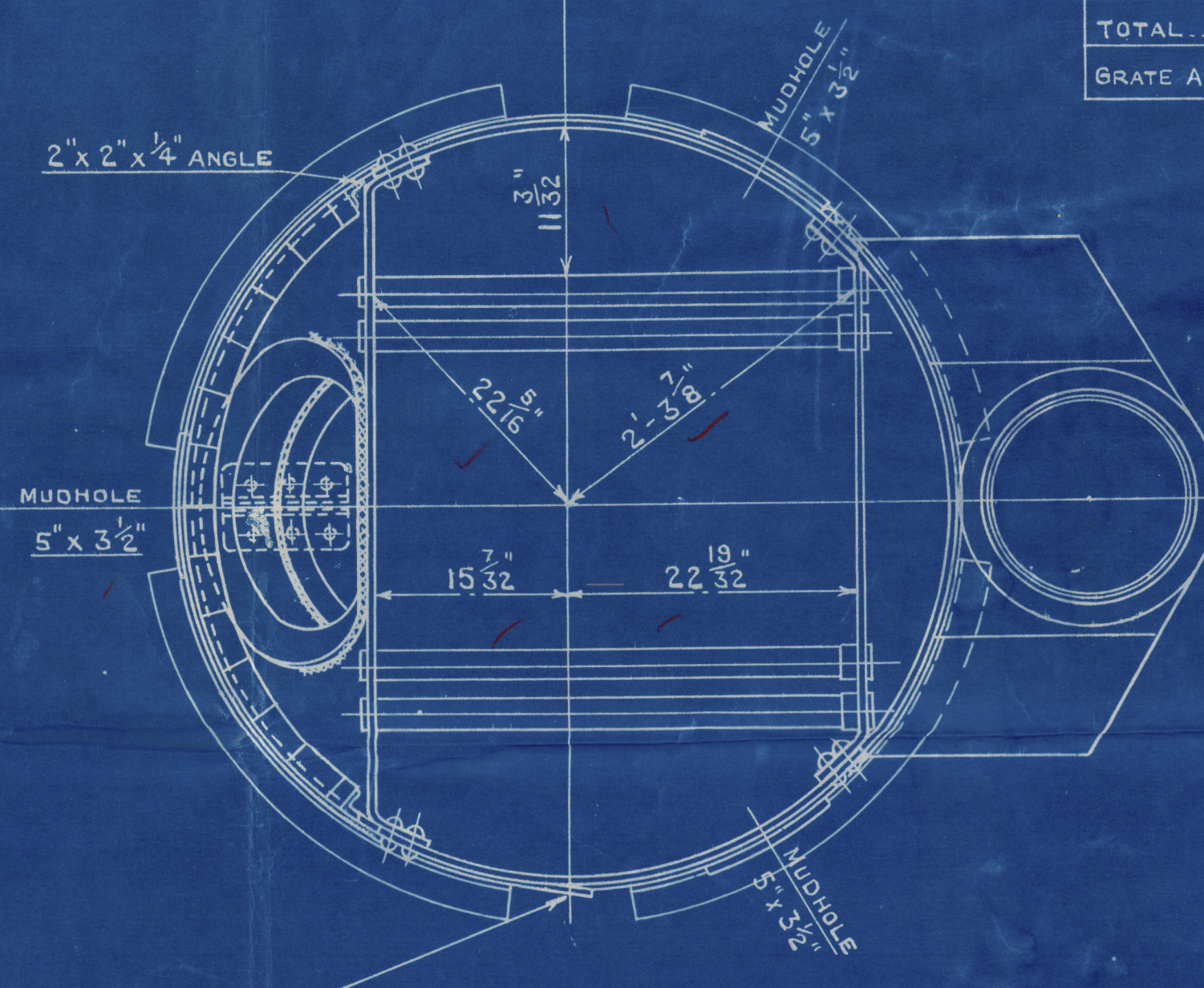


HEATING SURFACE	
TUBES.....	173 SQ.FT.
PLATE.....	47 SQ.FT.
TOTAL.....	220 SQ.FT.
GRATE AREA.....	12.5 SQ.FT.

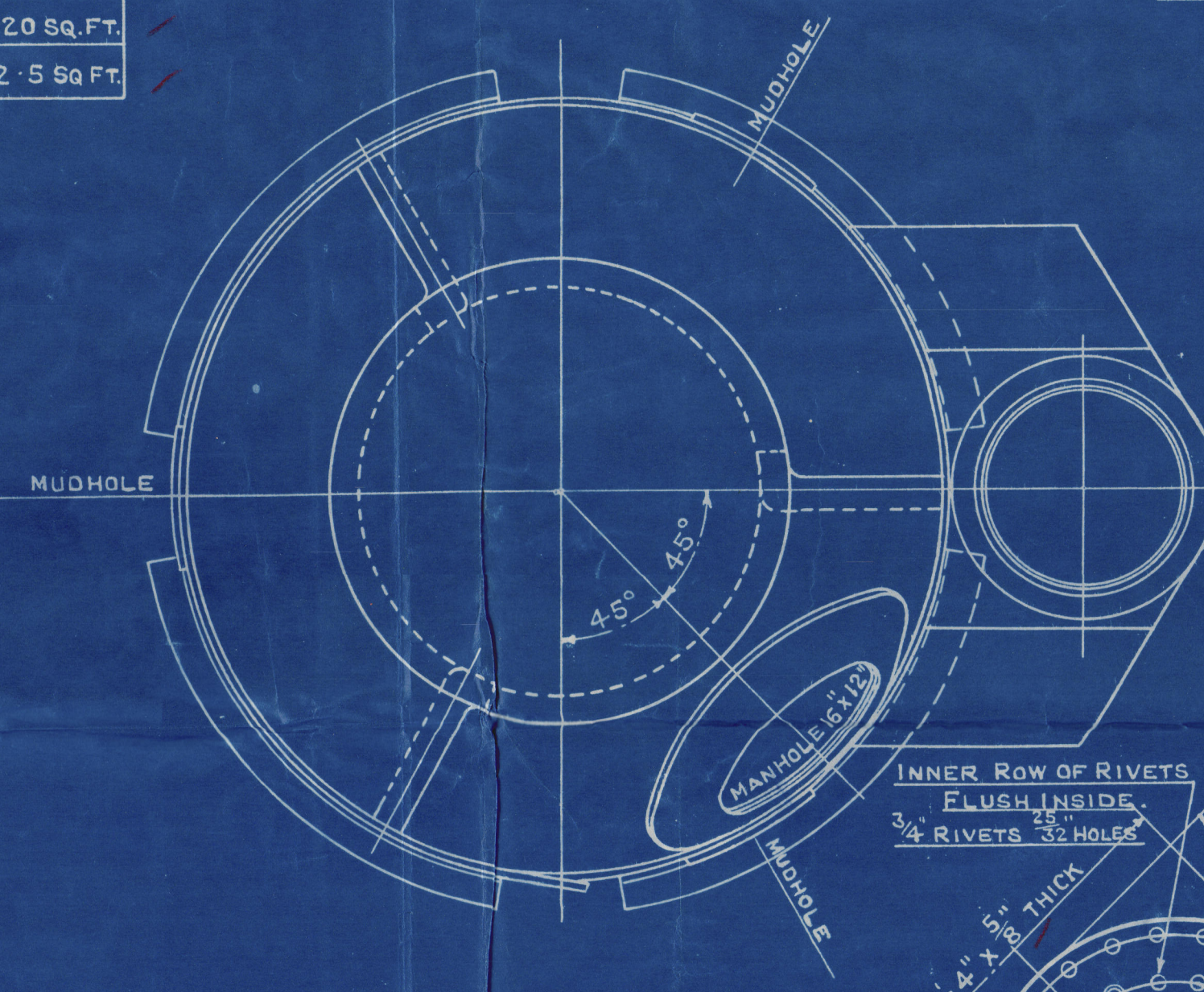
MANHOLE & MUDHOLE DOORS TO HAVE STUDS
SCREWED THROUGH PLATES & FITTED WITH
NUTS INSIDE.



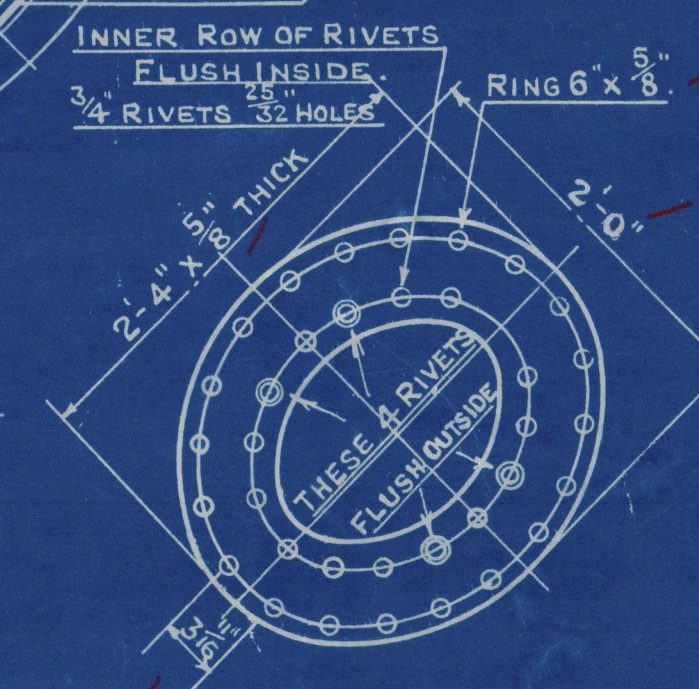
PLAN OF FURNACE



JOINT IN TOP & BOTTOM STRAKES OF SHELL



PLAN OF SHELL CROWN JOINTS



N.H.P. = 20

EVAPORATION FROM AND AT 212° F.

HEAVY STEAMING.....1820 LBS. PER HOUR.

EASY STEAMING-----1380 LBS. PER HOUR.

PATENT BOILER NO 14124

5'-0" X 11'-3" X 220# HS X 100 LBS.W.P.

SCALE 1 INCH TO 1 FOOT

SIEMENS MARTIN MILD STEEL PLATES

TENSILE TESTS

PLATES NOT EXPOSED TO FLAME OR FLANGED.....28 TO 32 TONS.

PLATES EXPOSED TO FLAME OR FLANGED & RIVETS.....26 TO 30 TONS.

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23716

DRAWING N°20855

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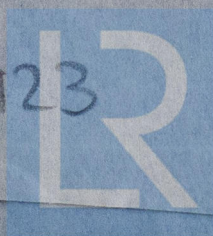


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