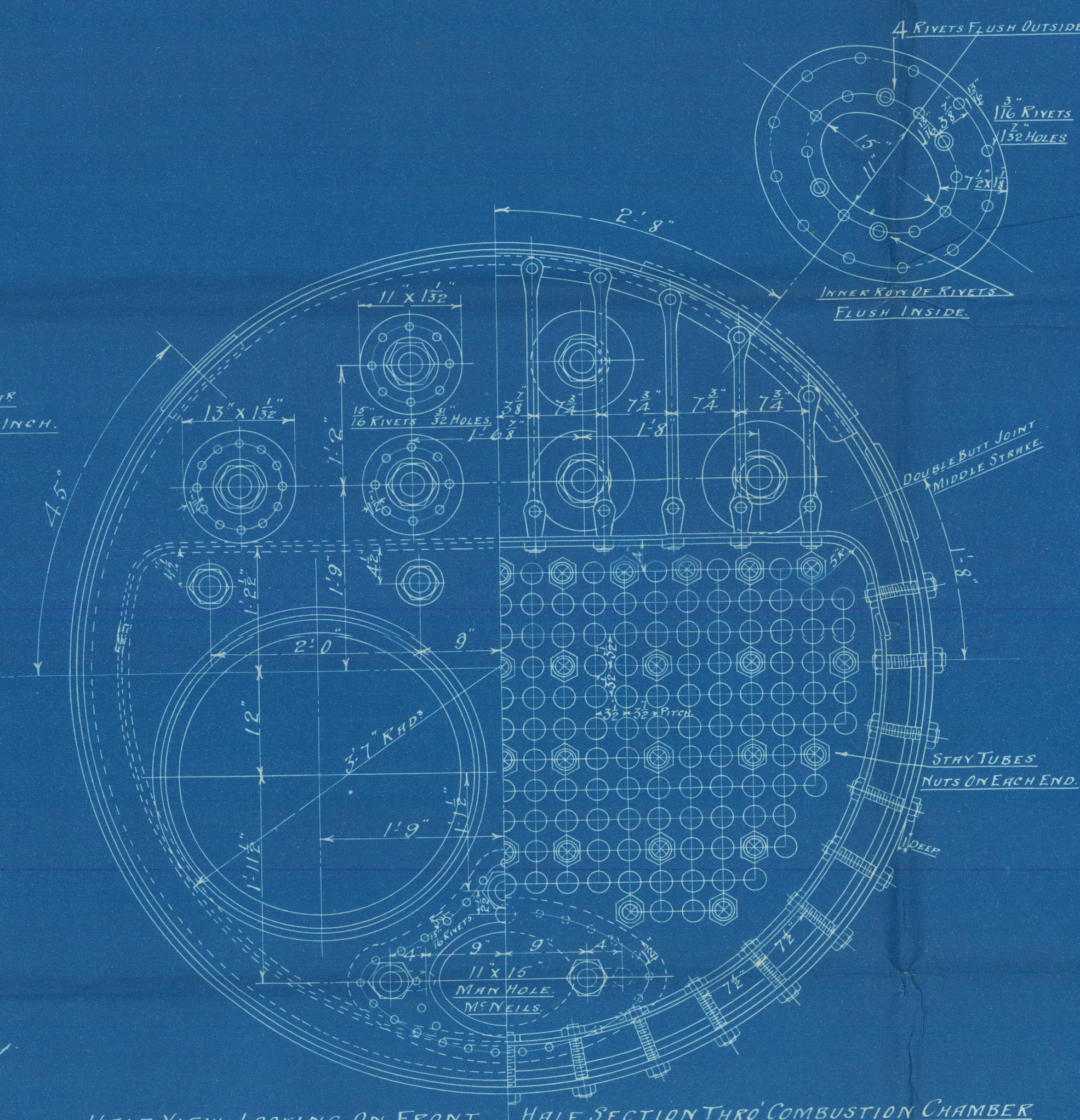


B.O.T. LLOYDS

|        |      |      |
|--------|------|------|
| PLATE  | 74.9 | 74.9 |
| RIVETS | 82.6 | 76.2 |
| PLATE  | 69.9 | 69.9 |
| RIVETS | 59   | 54.5 |



LIST OF MATERIAL FOR 1 BOILER

| Nº | DESCRIPTION                                | LENGTH        | BREADTH   | THK    |
|----|--|---------------|-----------|--------|
| 2  | SHELL PLATES                               | 24' 11 1/4"   | 5' 9"     | 15/16" |
| 1  | ---  | 25' 5 1/2"    | 5' 9"     | 15/16" |
| 6  | BUTT STRAPS                                | 5' 9"         | 1' 0 1/2" | 3/4"   |
| 2  | BOILER ENDS                                | 9' 1 1/2" DIA |           | 1 1/2" |
| 1  | COMBUSTION C. TOP                          | 8' 9 1/2"     | 3' 1 1/2" | 9/16"  |
| 1  | --- "--- BOTTOM                            | 12' 4"        | 3' 1 1/2" | 9/16"  |
| 1  | --- "--- TUBE PLATE                        | 8' 0"         | 5' 6"     | 15/16" |
| 1  | --- "--- END                               | 8' 0"         | 5' 6"     | 15/16" |
| 4  | WASHERS                                    | 13 1/2" DIA   |           | 1 1/2" |
| 8  | ---  | 11 1/2"       |           | 1 1/2" |
| 2  | MANHOLE RINGS                              | 2' 7"         | 2' 3"     | 1 1/8" |
| 2  | CORRUGATED FURNACES                        |               |           |        |
| 4  | TEE BARS (STEEL) 6" x 3" x 8" x 8" 0" LONG |               |           |        |

TUBES, IRON

|       |   |
|-------|---|
| 201   | PLAIN TUBES 2 1/2" EXT. DIA 6' 5 1/2" LONG                                    |
| 9     | L.S.G THICK SHELLED AT ONE END TO 2 1/2" DIA                                  |
|       | FOR 2 1/2" UP IRON LAPWELDED.   |
| 40    | STAY TUBES 2 1/2" EXT. DIA 6' 7 1/4" LONG                                     |
| 5/16" | THICK SHELLED & SCREWED TO 2 1/2" DIA   |
|       | FOR 2 1/2" UP ONE END OTHER END SCREWED 2 1/2" DIA                            |
|       | FOR 2 1/2" UP BOTH ENDS SCREWED 11 THREDS PER INCH                            |
|       | IN ONE CONTINUOUS LINE IRON LAPWELDED.  |
| 6     | PLAIN TUBES REQUIRED AS SPARKS  |
| 40    | HEXAGON NUTS 3/4" OVER FLATS 3/4" THICK SCREWED 2 1/2" DIA TO SUIT STAY TUBES |
| 40    | ---   |

STAY BARS ETC.

|    |   |
|----|---|
| 6  | LONGIT. STAY BARS 2 3/8" DIA 17' 6" LONG            |
| 4  | ---   |
| 3  | ---   |
| 2  | ---   |
| 11 | LENGTHS OF 1 1/2" BAR 6' 0" LONG                    |
| 12 | HEX. NUTS 2 3/8" x 2 3/8" SCREWED 6 THREDS PER INCH |
| 12 | ---   |
| 4  | ---   |
| 9  | ---   |
| 9  | ---   |
| 20 | ---   |
| 24 | WASHERS 5 1/4" DIA x 1/2" @ 3/8" HOLE               |
| 22 | ---   |

3-OFF.  
TUBULAR BOILERS FOR WALLASEY FERRY STEAMER.  
WORKING PRESSURE 180 LBS.

TEST 360  
SCALE 1 INCH TO 1 FOOT.  
TO BOARD OF TRADE & LLOYDS REQUIREMENTS & INSPECTION  
HEATING SURFACE.  
TUBES 986 sq.  
PLATE 144 sq.  
TOTAL 1130 sq. EACH BOILER.  
GRATE SURFACE 34.40' EACH BOILER.  
RATIO 6.5.1  
H.S.32.  
ALL PLATES TO BE OF SIEMEN'S MARTIN MILD STEEL.

COCHRAN & CO ANNAN LD  
ENGINEERS & BOILERMAKERS  
ANNAN, SCOTLAND

DRAWING NO 1145.

JOB NO 311.



COCHRAN & CO., ANNAN, Ltd

Enclosure

FOR

Messrs

*Lloyds - as  
amended by B. & Y.*

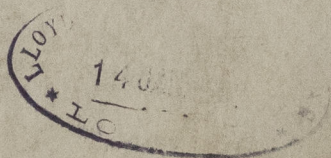
W1584-021515

Bochran & Co 311  
Main Boilers  
Wallasey Ferry  
180 lbs  
s/s "Seacombe"  
Amended Plan.



Glasgow rpt. 19535

RETAIN



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Foundation

W1584- 0215 21/2