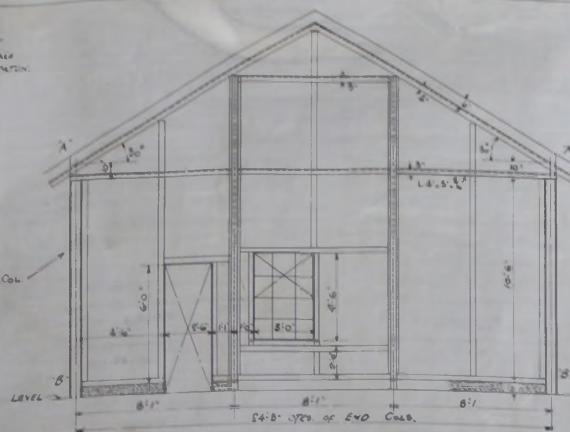


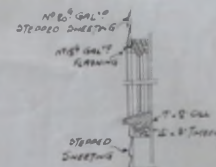
REQUISITION NO 3370.
DRAWING NO 210168/1



WEST END ELEVATION.



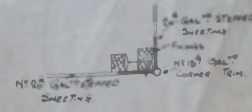
DETAIL AT "A"



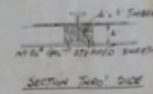
SECTION THREE: WINDOWS



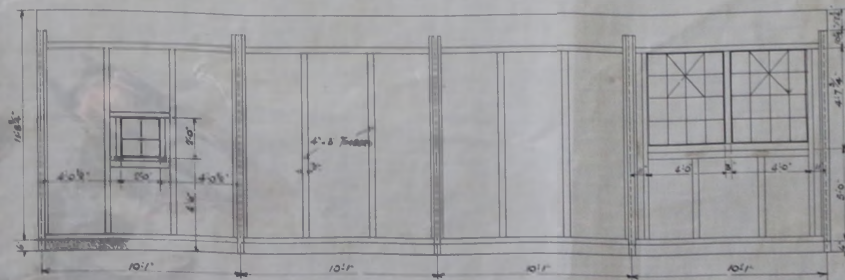
DETAIL AT 'B.'



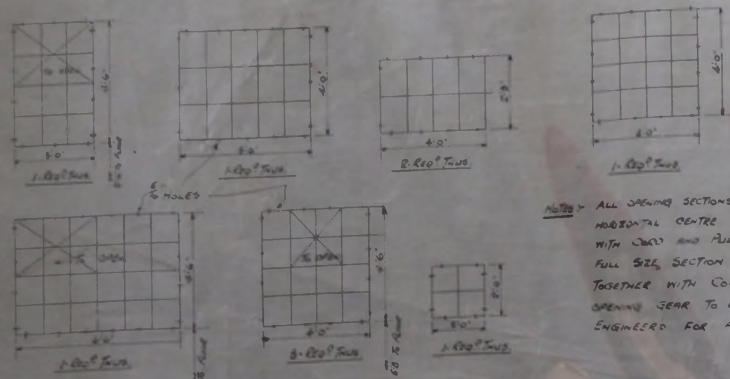
SECTION THRO' CORNER BRANCHING



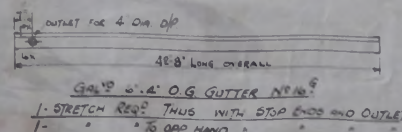
SECTION TWO: DICE
AND END COLUMNS



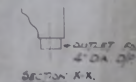
— NORTH ELEVATION. —



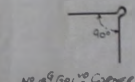
NOTE - ALL OPENING SECTIONS TO BE HORIZONTAL CENTRE PIVOTED, WITH COOD AND PULLEY OPENING GEAR. FULL SIZE SECTION OF GLAZING BARS TOGETHER WITH COOD AND PULLEY OPENING GEAR TO BE SUBMITTED TO ENGINEERS FOR APPROVAL.



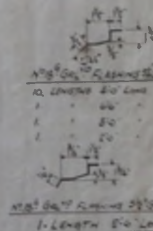
1. STRETCH REQ? THUS WITH STOP ENDS AND OUTLE
1- " " TO APP HAND " " " "



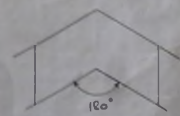
SECTION: X-X



NO. 660100 CORNER 2ND & 1ST ST.



4" Dia N° 10⁶
GALV^o DOWNPIPE
COMPLETE WITH
OFFSET AND SHOE
2-STACKS REQ^d



Nº 506 GALVº STEEL VENTILATOR

AST. 4'0" LONG - 3'0" WIDE

WITH EXTRA DEEP LOUVRES

1- REQ^d THUS:

BASE TO SUIT
APEX OF 80° ABUTTS
PLATOR CEMENT TILE ROOF

NOTE - VIEW LOOKING FROM OUTSIDE OF BUILDING.

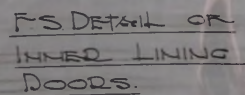
ACQUISITION N° 3370.

DRAWING № Z 10162/2

FALKLAND ISLANDS.

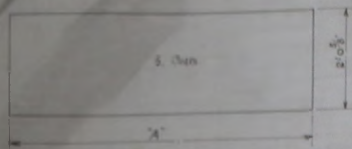
POWER HOUSE PORT STANLEY.

SHEETING, WINDOWS, GUTTERS, ETC.



POWER HOUSE PORT STANLEY.
DETAILS OF DOORS & FACINGS.

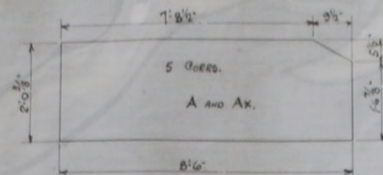
REQUISITION N° 3340
DRAWING N° Z 10162/3



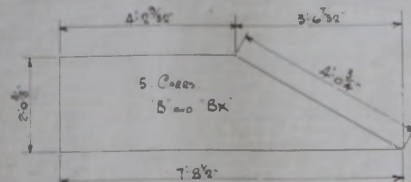
1 - 3'0" TRUSS DIMENSION A = 9'0"

4 -	0'	0'	0'	9'0"
10 -	0'	0'	0'	9'0"
13 -	0'	0'	0'	9'0"
1 -	0'	0'	0'	9'0"
14 -	0'	0'	0'	7'0"
4 -	0'	0'	0'	4'6"
3 -	0'	0'	0'	4'0"
5 -	0'	0'	0'	4'6"
1 -	0'	0'	0'	4'3"
2 -	0'	0'	0'	1'10"
1 -	0'	0'	0'	4'0"

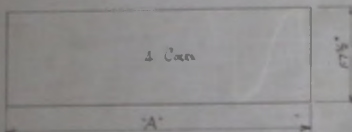
ALL 5 CORN.



2 - SHEETS REQ^d THUS MKD 'A'
2 - 0' 0' TO OPP HAND MKD 'AX'



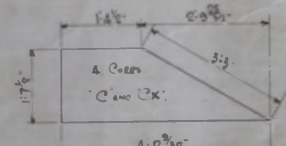
2 - SHEETS REQ^d THUS MKD 'B'
2 - 0' 0' TO OPP HAND MKD 'BX'



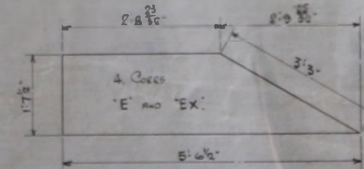
4 - 0'0" TRUSS DIMENSION A = 9'0"

2 -	0'	0'	0'	9'0"
2 -	0'	0'	0'	7'0"
2 -	0'	0'	0'	4'6"
1 -	0'	0'	0'	4'0"
2 -	0'	0'	0'	4'6"
4 -	0'	0'	0'	1'10"
6 -	0'	0'	0'	1'10"

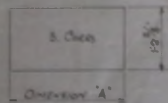
ALL 4 CORN.



2 - SHEETS REQ^d THUS MKD 'C'
2 - 0' 0' TO OPP HAND MKD 'CX'



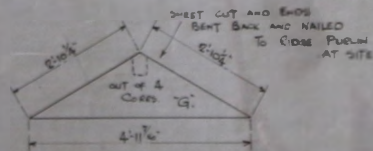
2 - SHEETS REQ^d THUS MKD 'E'
2 - 0' 0' TO OPP HAND MKD 'EX'



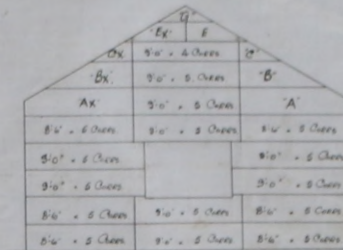
3 - 0'0" TRUSS DIMENSION A = 9'0"

3 -	0'	0'	0'	9'0"
3 -	0'	0'	0'	1'10"
1 -	0'	0'	0'	7'0"

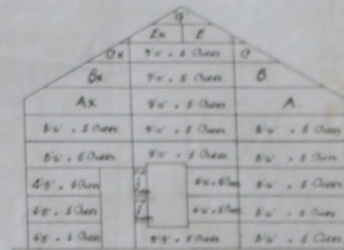
ALL 3 CORN.



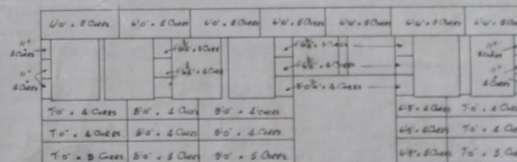
2 - SHEETS REQ^d THUS MKD 'G'



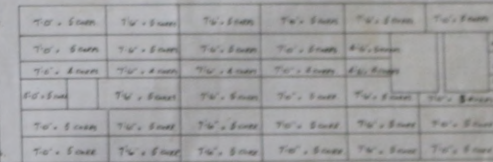
EAST END ELEVATION.



WEST END ELEVATION.



SOUTH ELEVATION.

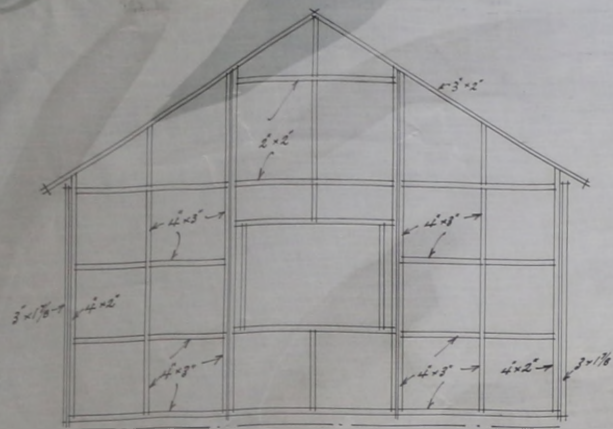


NORTH ELEVATION.

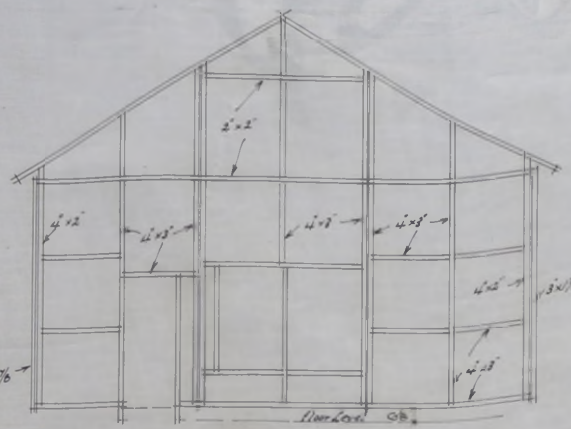
TABLE OF WEIGHTS

	ACTUAL WEIGHT	T	C	Q	MB
1. COLUMNS	1	17	5	0	
2. ROOF TRUSSES	-	14	1	0	
3. END FRAMES	-	11	0	0	
4. TRUSSES	-	12	1	0	
5. RUNWAY BEAMS	-	19	3	0	
6. PURLIN CLIPS	-	4	2	7	
7. ANCHOR BOLTS & PLATES	-	4	1	0	
8. BRACE BOLTS & PLATES	-	4	0	0	
9. SHEDDING SHEETING RUNWAY	1	5	3	14	
10. COVERED TRUSSES	1	5	3	14	
11. SHEDDING SHEETING	1	5	3	14	
12. SHEDDING SHEETING	1	5	3	14	
13. SHEDDING SHEETING	1	5	3	14	
14. SHEDDING SHEETING	1	5	3	14	
15. SHEDDING SHEETING	1	5	3	14	
16. SHEDDING SHEETING	1	5	3	14	
17. SHEDDING SHEETING	1	5	3	14	
18. SHEDDING SHEETING	1	5	3	14	
19. SHEDDING SHEETING	1	5	3	14	
20. SHEDDING SHEETING	1	5	3	14	
21. SHEDDING SHEETING	1	5	3	14	
22. SHEDDING SHEETING	1	5	3	14	
23. SHEDDING SHEETING	1	5	3	14	
24. SHEDDING SHEETING	1	5	3	14	
25. SHEDDING SHEETING	1	5	3	14	
26. SHEDDING SHEETING	1	5	3	14	
27. SHEDDING SHEETING	1	5	3	14	
28. SHEDDING SHEETING	1	5	3	14	
29. SHEDDING SHEETING	1	5	3	14	
30. SHEDDING SHEETING	1	5	3	14	
31. SHEDDING SHEETING	1	5	3	14	
32. SHEDDING SHEETING	1	5	3	14	
33. SHEDDING SHEETING	1	5	3	14	
34. SHEDDING SHEETING	1	5	3	14	
35. SHEDDING SHEETING	1	5	3	14	
36. SHEDDING SHEETING	1	5	3	14	
37. SHEDDING SHEETING	1	5	3	14	
38. SHEDDING SHEETING	1	5	3	14	
39. SHEDDING SHEETING	1	5	3	14	
40. SHEDDING SHEETING	1	5	3	14	
41. SHEDDING SHEETING	1	5	3	14	
42. SHEDDING SHEETING	1	5	3	14	
43. SHEDDING SHEETING	1	5	3	14	
44. SHEDDING SHEETING	1	5	3	14	
45. SHEDDING SHEETING	1	5	3	14	
46. SHEDDING SHEETING	1	5	3	14	
47. SHEDDING SHEETING	1	5	3	14	
48. SHEDDING SHEETING	1	5	3	14	
49. SHEDDING SHEETING	1	5	3	14	
50. SHEDDING SHEETING	1	5	3	14	
51. SHEDDING SHEETING	1	5	3	14	
52. SHEDDING SHEETING	1	5	3	14	
53. SHEDDING SHEETING	1	5	3	14	
54. SHEDDING SHEETING	1	5	3	14	
55. SHEDDING SHEETING	1	5	3	14	
56. SHEDDING SHEETING	1	5	3	14	
57. SHEDDING SHEETING	1	5	3	14	
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59. SHEDDING SHEETING	1	5	3	14	
60. SHEDDING SHEETING	1	5	3	14	
61. SHEDDING SHEETING	1	5	3	14	
62. SHEDDING SHEETING	1	5	3	14	
63. SHEDDING SHEETING	1	5	3	14	
64. SHEDDING SHEETING	1	5	3	14	
65. SHEDDING SHEETING	1	5	3	14	
66. SHEDDING SHEETING	1	5	3	14	
67. SHEDDING SHEETING	1	5	3	14	
68. SHEDDING SHEETING	1	5	3	14	
69. SHEDDING SHEETING	1	5	3	14	
70. SHEDDING SHEETING	1	5	3	14	
71. SHEDDING SHEETING	1	5	3	14	
72. SHEDDING SHEETING	1	5	3	14	
73. SHEDDING SHEETING	1	5	3	14	
74. SHEDDING SHEETING	1	5	3	14	
75. SHEDDING SHEETING	1	5	3	14	
76. SHEDDING SHEETING	1	5	3	14	
77. SHEDDING SHEETING	1	5	3	14	
78. SHEDDING SHEETING	1	5	3	14	
79. SHEDDING SHEETING	1	5	3	14	
80. SHEDDING SHEETING	1	5	3	14	
81. SHEDDING SHEETING	1	5	3	14	
82. SHEDDING SHEETING	1	5	3	14	
83. SHEDDING SHEETING	1	5	3	14	
84. SHEDDING SHEETING	1	5	3	14	
85. SHEDDING SHEETING	1	5	3	14	
86. SHEDDING SHEETING	1	5	3	14	
87. SHEDDING SHEETING	1	5	3	14	
88. SHEDDING SHEETING	1	5	3	14	
89. SHEDDING SHEETING	1	5	3	14	
90. SHEDDING SHEETING	1	5	3	14	
91. SHEDDING SHEETING	1	5	3	14	
92. SHEDDING SHEETING	1	5	3	14	
93. SHEDDING SHEETING	1	5	3	14	
94. SHEDDING SHEETING	1	5	3	14	
95. SHEDDING SHEETING	1	5	3	14	
96. SHEDDING SHEETING	1	5	3	14	
97. SHEDDING SHEETING	1	5	3	14	
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99. SHEDDING SHEETING	1	5	3	14	
100. SHEDDING SHEETING	1	5	3	14	

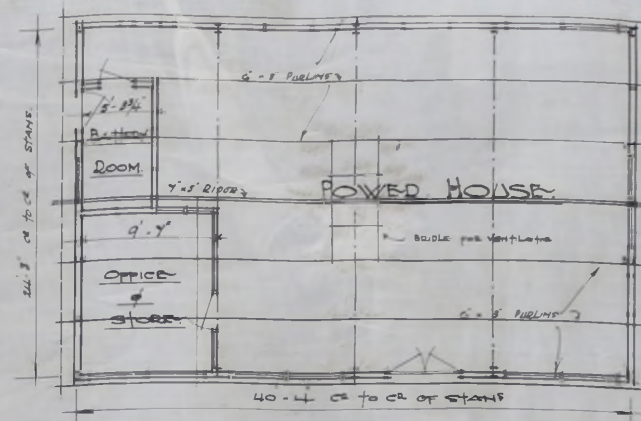
NOTES:
ONLY STEEPED SHEETING TO BE AT 120°
WITH SIDE LAP OF 6"
TO BE TO REQUIREMENTS OF CRUSH AGENTS
FOR THE COLUMNS.
SHEETING FIXED TO TIMBER FRAMING
WITH GALV CORN HEADED SCREWS 2 1/2" LONG
SHEETING CUT TO SHAPE BEFORE CRUSHING



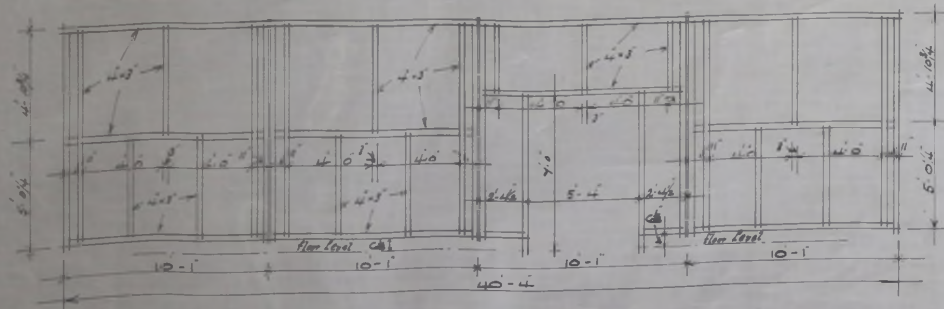
EAST END GABLE



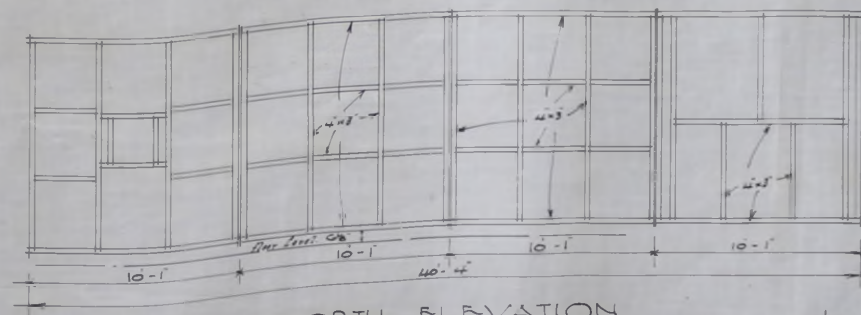
WEST END GABLE



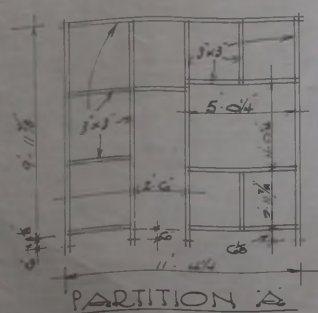
PLAN OF BUILDING
AND PURLIN PLAN.



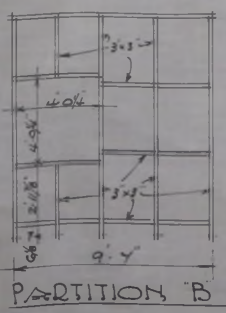
SOUTH ELEVATION.



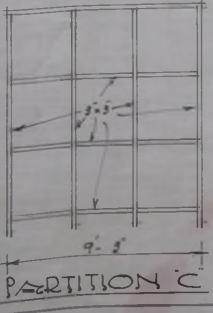
NORTH ELEVATION.



PARTITION A



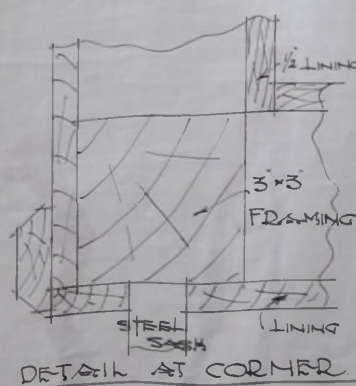
PARTITION B



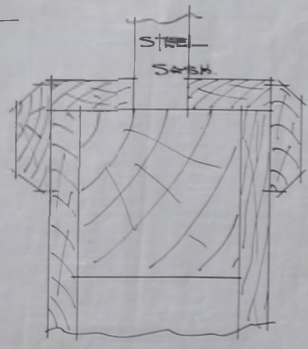
PARTITION C



PARTITION D



DETAIL AT CORNER

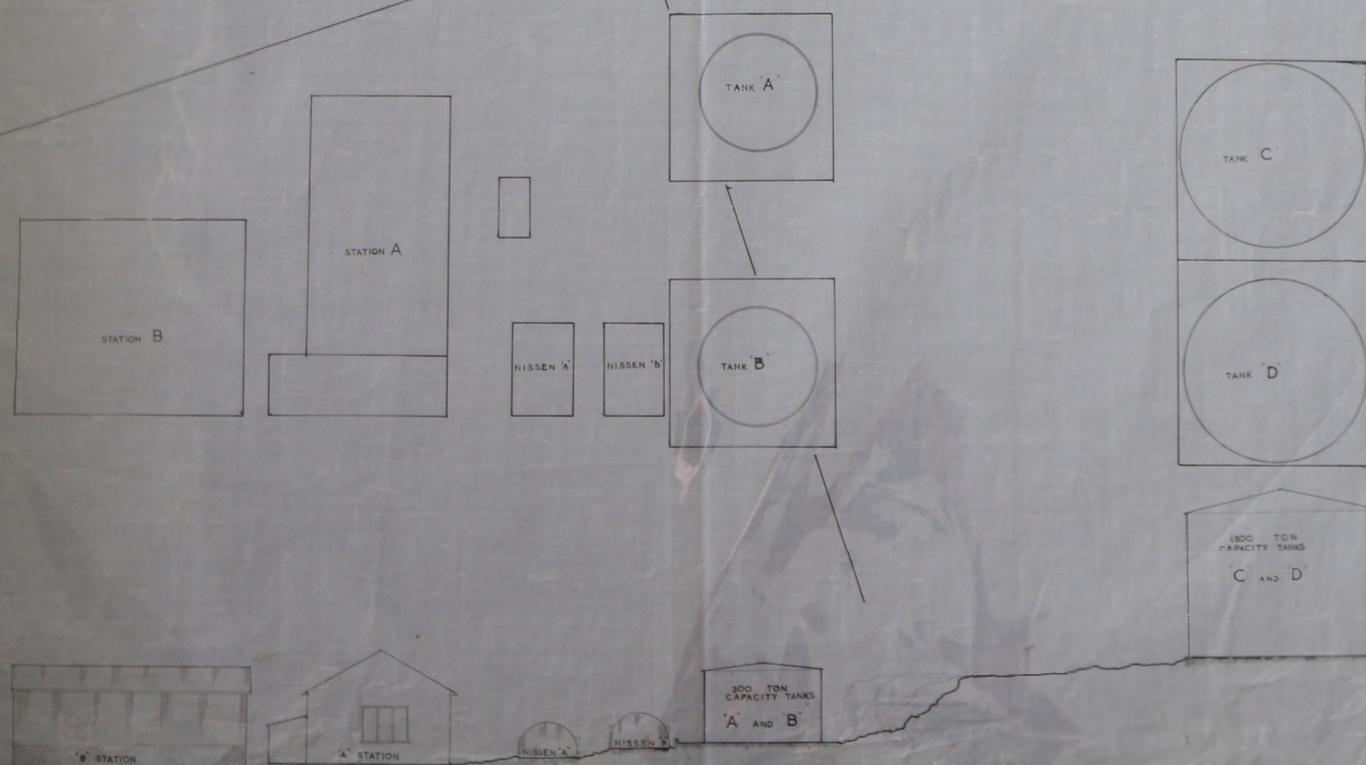


GENERAL DETAIL
AT SASHES.

FALKLAND ISLANDS.

POWER HOUSE. PORT STANLEY.
FRAMING ETC DETAILS.

REQUISITION NR 3370.
DRAWING N° Z 10162/5.



FALKLAND ISLANDS
PORT STANLEY

FIRST EDITION

SCALE 1:2,500

STANLEY HARBOUR

WEST WARD

WARD

EAST WARD

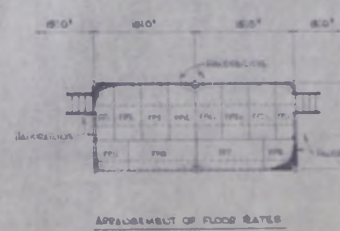
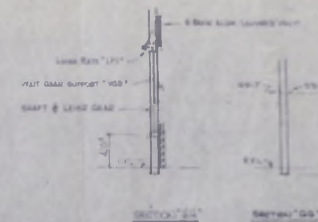
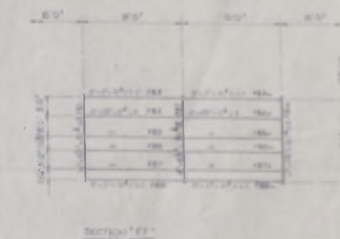
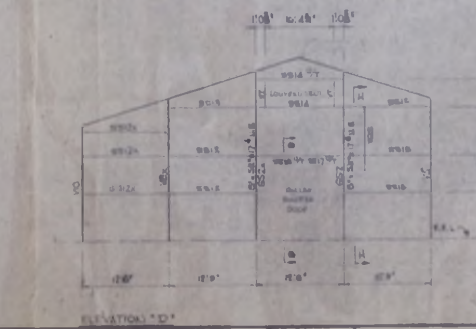
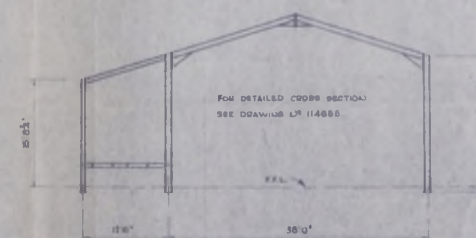
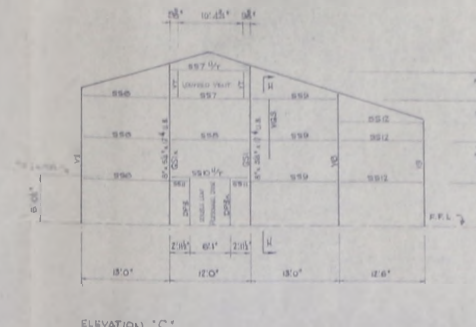
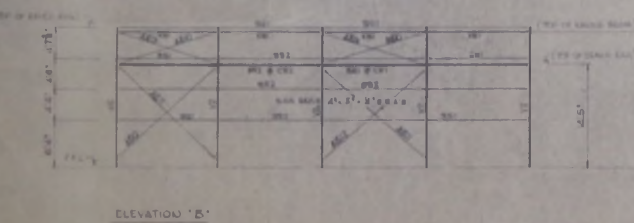
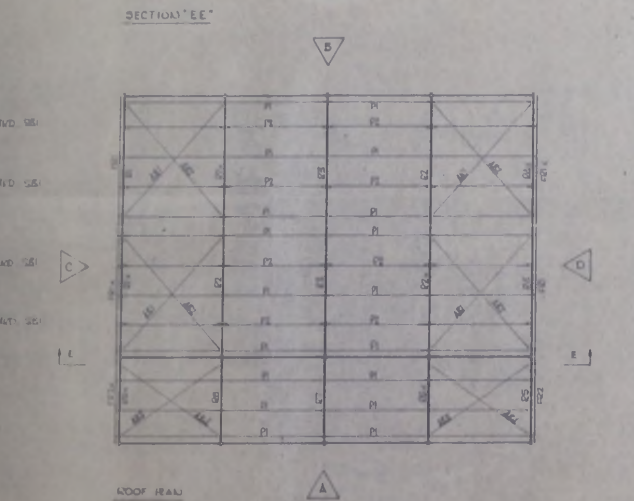
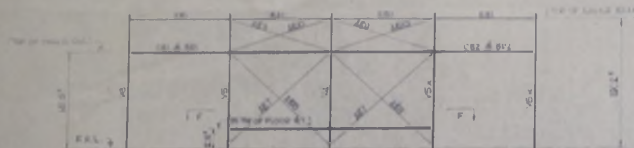
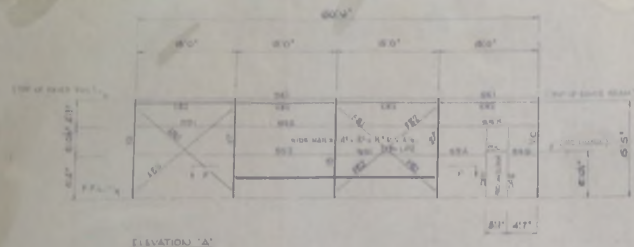
THE MURRAY HEIGHTS

SCALE 1:2,500

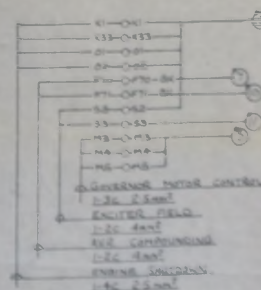
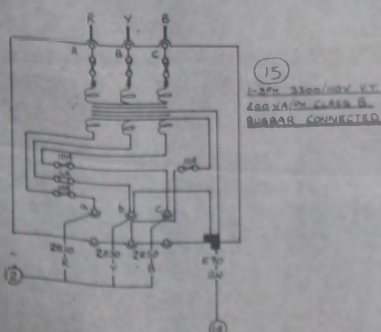
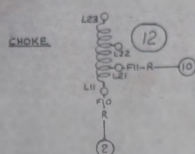
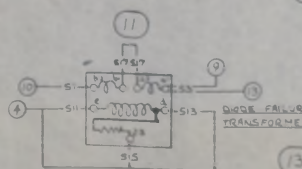
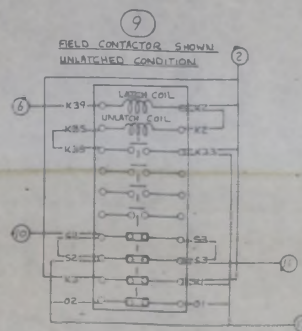
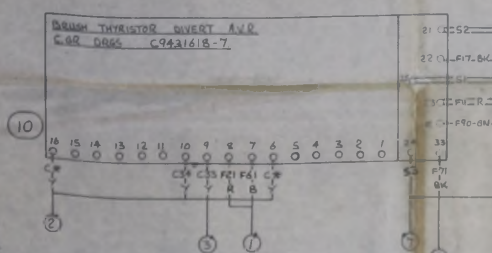
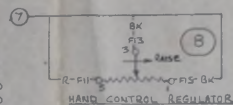
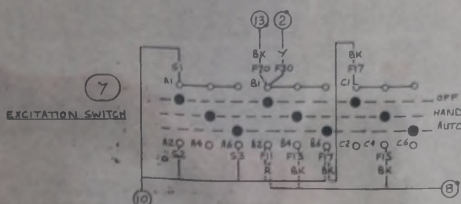
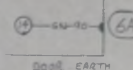
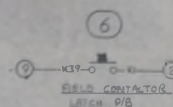
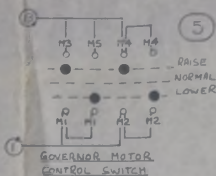
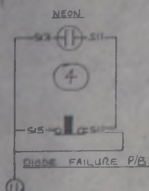
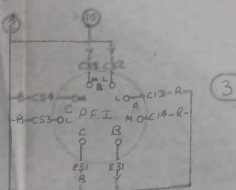
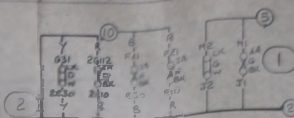
Designed and drawn by M.T. Thompson, Director
of Survey to Stanley, Royal Engineers, 1943.
Photoreproduced in 1943.



IF IN DOUBT - ASK



REF	FUSE LABEL
5	GOVERNOR MOTOR
M	AVR
D	SYNCHRONISING



24 CABLE LIGHT SEE 25782174

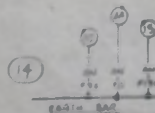
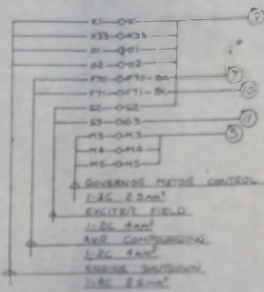
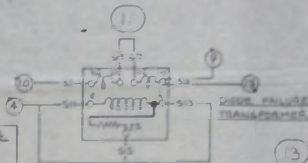
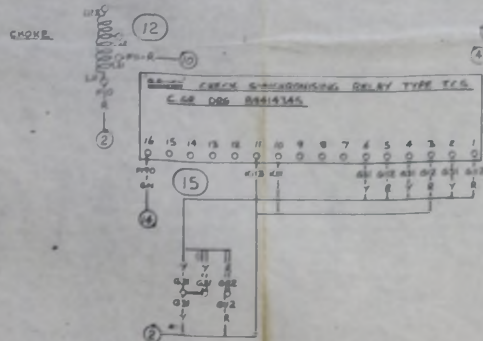
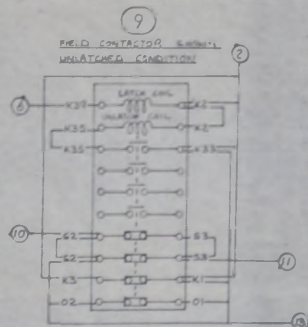
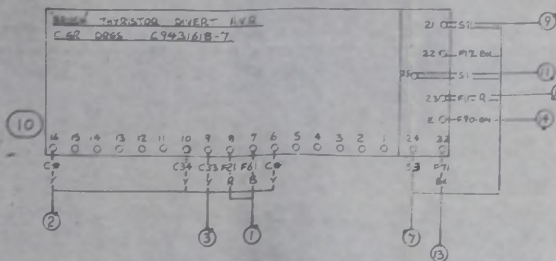
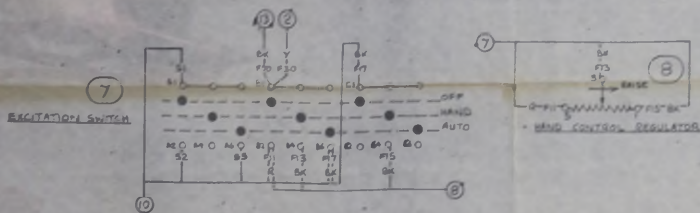
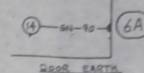
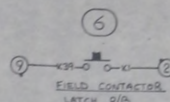
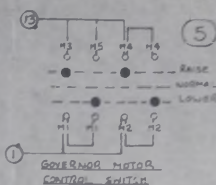
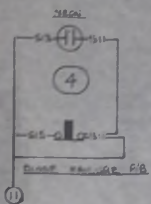
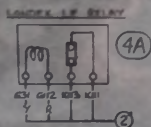
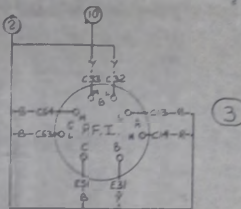
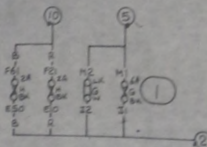
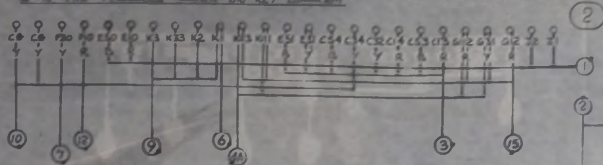
WIRE. WIRE DIAGRAM.
WIRE 7/10/72. GIVE NYC UNLESS
OTHERWISE STATED.
EUSES. WAC TYPE. DATED AS SAME
FOR EASTERN. INFORMATION SET FOR DIAGRAM

1-20u 3300/100V VT.
400 XA/20u CLASS B.
SUBBARS CONNECTED

03598261

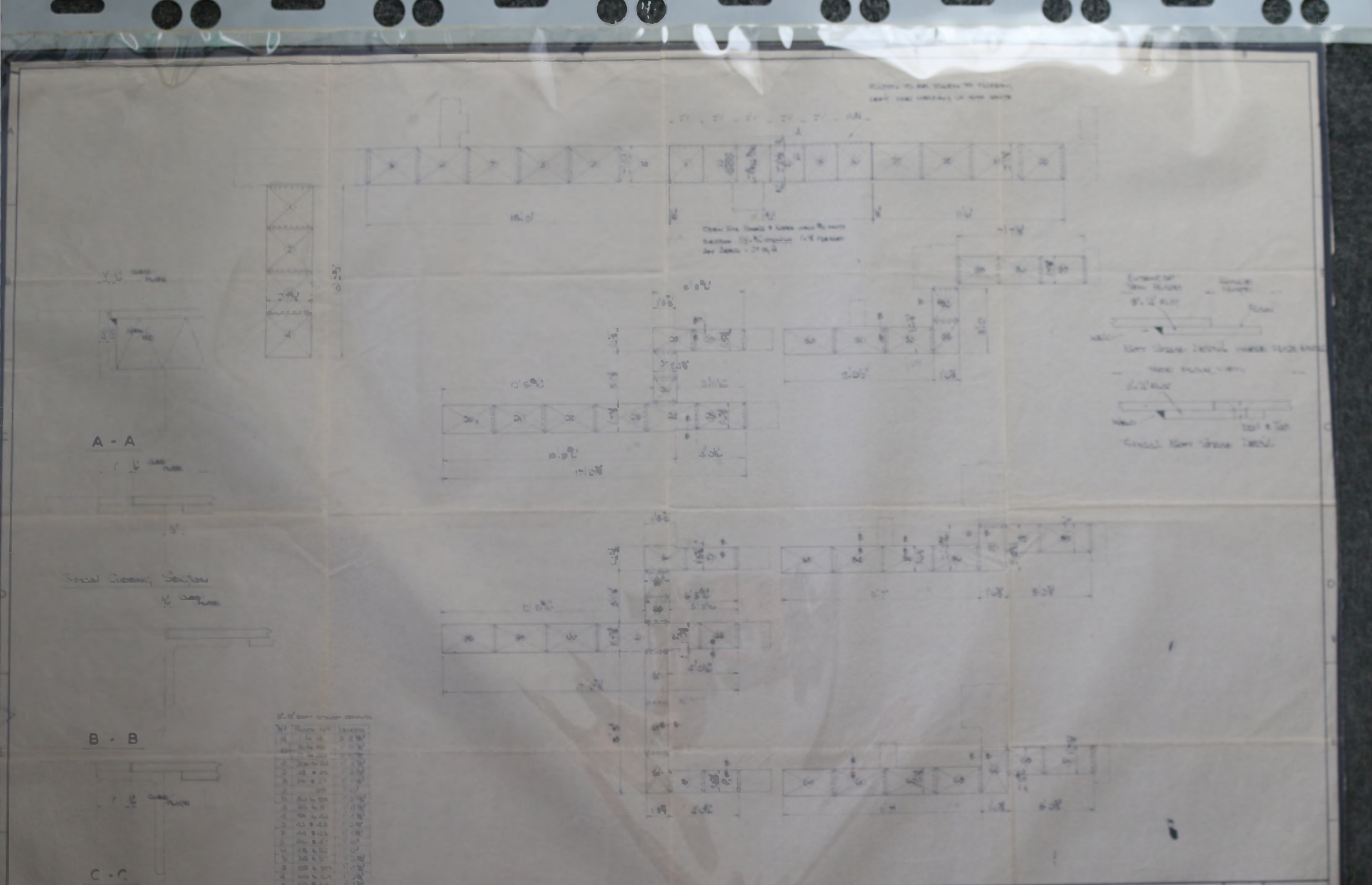
SEE FIG LABEL
B. GOVERNOR MOTOR
H. R.R.

FOR POSITION OF BUSBARS WITH RESPECT TO
THRO-ONING BUSBARS SEE KEY DIAGRAM
4 FOR POSITION SHOWN ON KEY DIAGRAM



SEE FIGURE LABEL SEE B5982170

B5982610



GENERAL NOTES

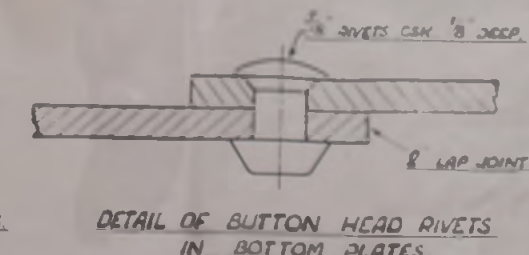
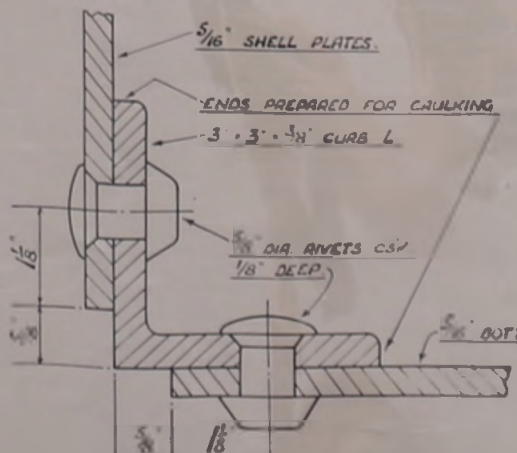
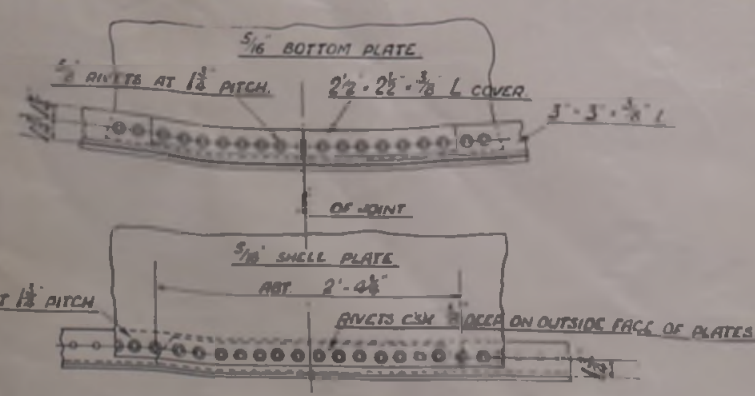
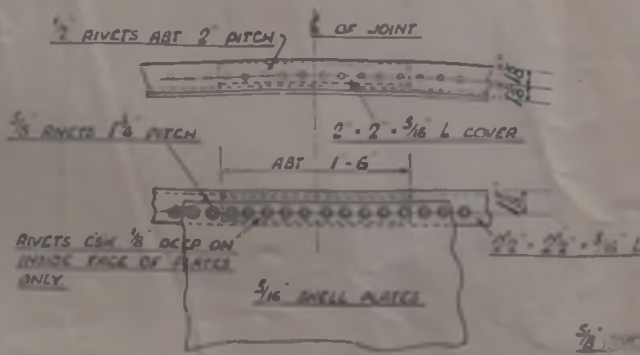
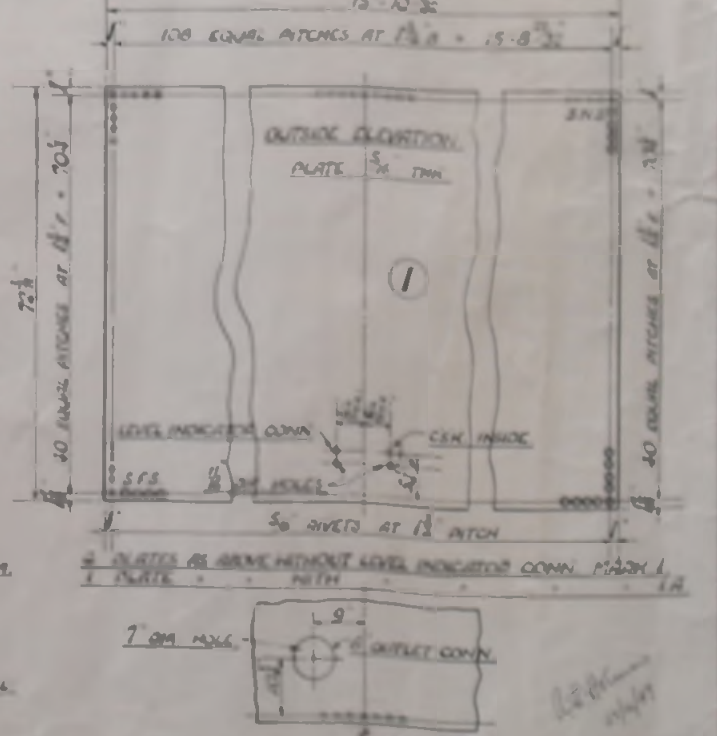
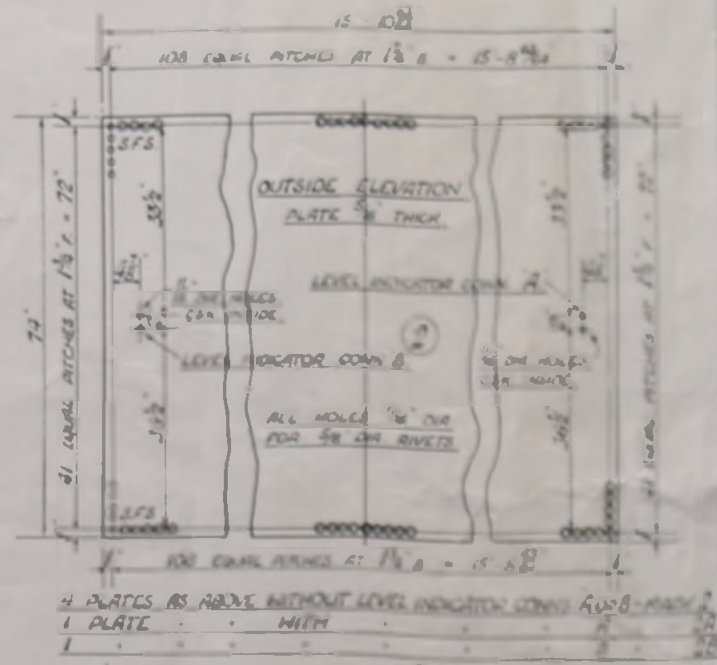
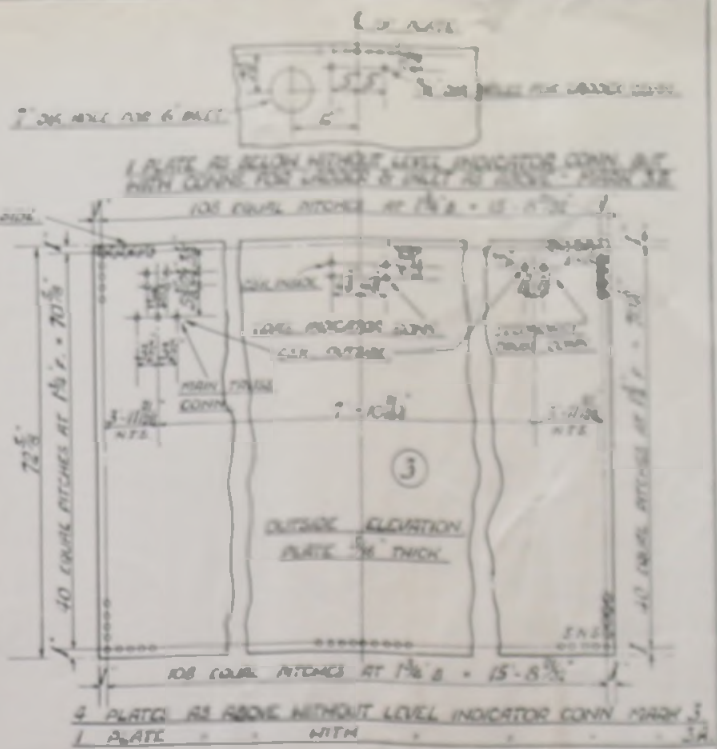
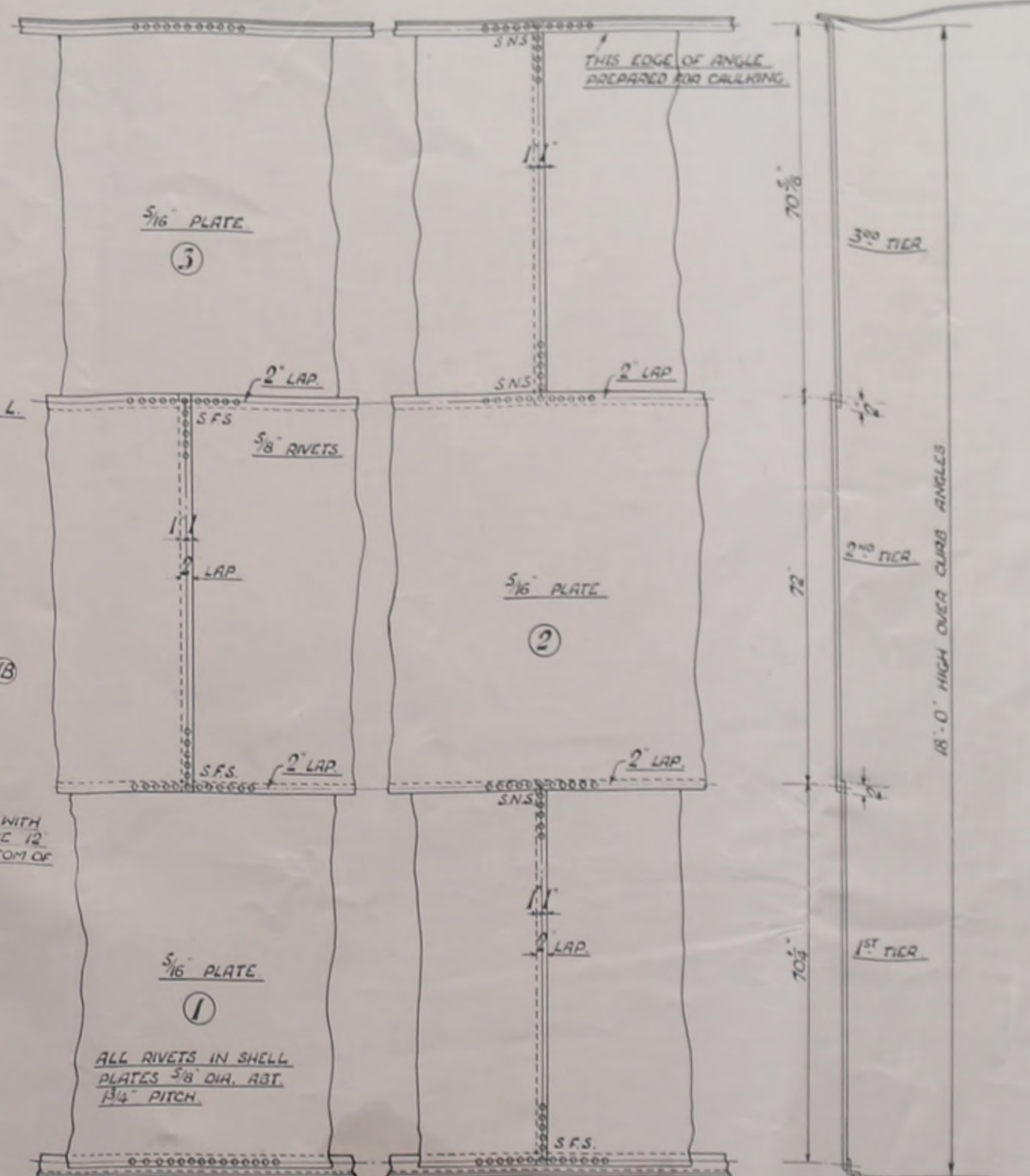
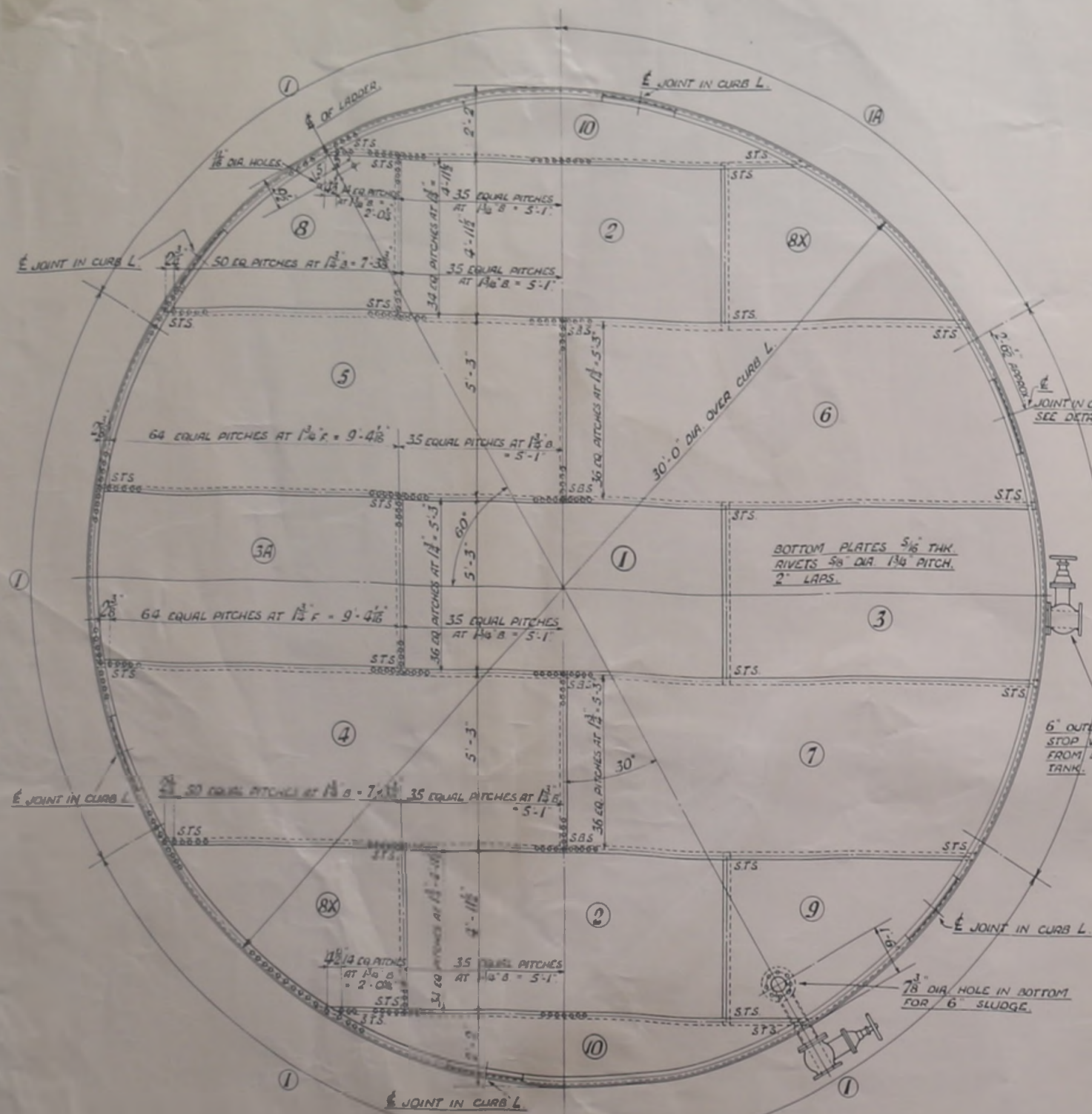
1. All dimensions are in feet and inches, unless otherwise stated.
2. All dimensions are to the centerline of the structure, unless otherwise stated.
3. All dimensions are to the centerline of the structure, unless otherwise stated.
4. All dimensions are to the centerline of the structure, unless otherwise stated.
5. All dimensions are to the centerline of the structure, unless otherwise stated.
6. All dimensions are to the centerline of the structure, unless otherwise stated.
7. All dimensions are to the centerline of the structure, unless otherwise stated.
8. All dimensions are to the centerline of the structure, unless otherwise stated.
9. All dimensions are to the centerline of the structure, unless otherwise stated.
10. All dimensions are to the centerline of the structure, unless otherwise stated.

Working from a plan
of the structure, the following
dimensions are given:

TITLE
DETAILS OF CLEARANCE FOR
GROUND FLOOR POWER STATION
BILSTON ROAD WOLVERHAMPTON

Steelway
Structural Tables & Drawings Ltd.
BILSTON ROAD
WOLVERHAMPTON

Scale	1/4" = 1'-0"
Date	3.12.72
Drawn By	W
Checked By	W
Approved By	W



STS DENOTES PLATE SCARFED TOP SIDE AT THAT POINT
SBS HOLDS IN SIDE PLATES CHAMFERED 1/8" DEEP ON OUTSIDE OF TANK THUS
HOLDS IN BOTTOM PLATES CHAMFERED AS DETAILED
SFS DENOTES PLATE SCARFED FAS SIDE AT THAT POINT
SNS NEAR

FALKLAND ISLANDS.

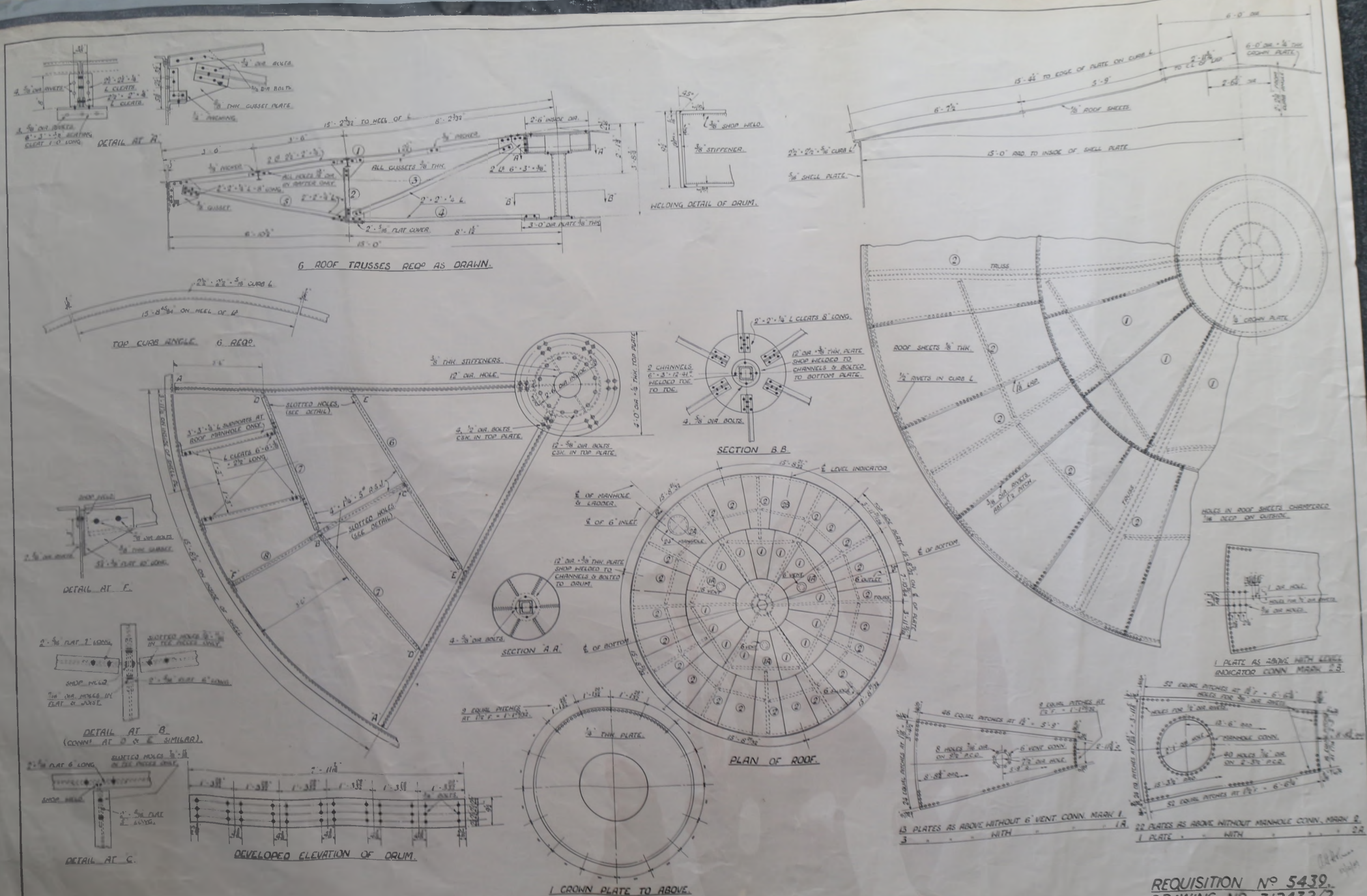
M.S. TANK 30'-0" DIA. x 18'-0" HIGH.

DETAILS OF BOTTOM & SHELL.

SCALE 1/2", 1/4", 1/8" = 1 FOOT

REQUISITION NO 5439.
DRAWING NO 2.12432/1.

POWER-MS TANK... DETAILS OF ROOF - 2.12432/2 - 27 DEC 1949



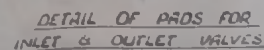
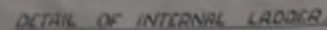
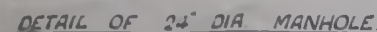
FALKLAND ISLANDS.

M.S. TANK 30'-0" DIA x 18'-0" HIGH.

DETAILS OF ROOF.

SCALE 1/4" = 1'-0"

REQUISITION N° 5439.
DRAWING N° 212432/2.

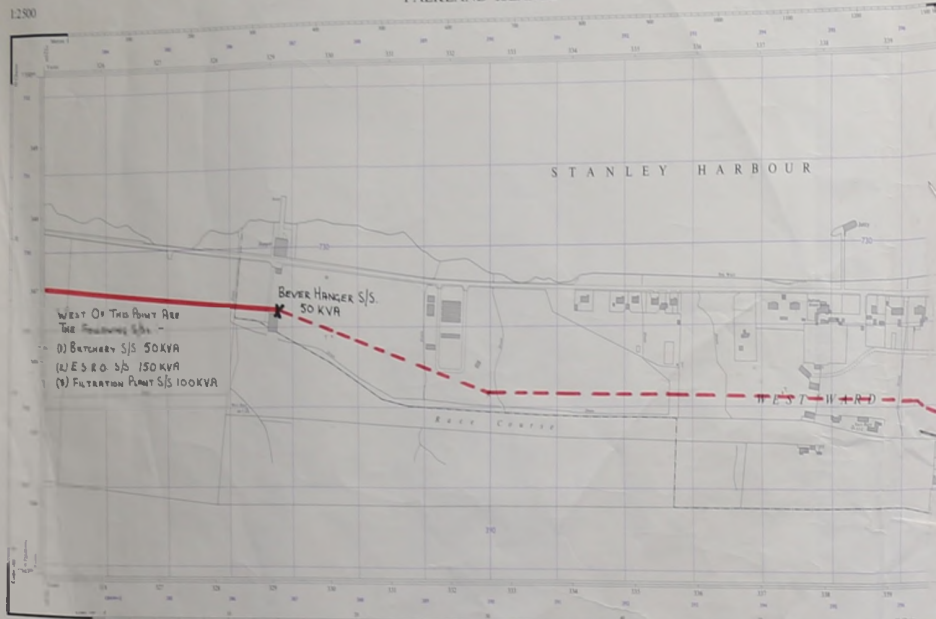


SCALES: - $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$ & 3" = 1 FOOT

REQUISITION N° 5439.
DRAWING N° Z12432/3.

FALKLAND ISLANDS

STANLEY



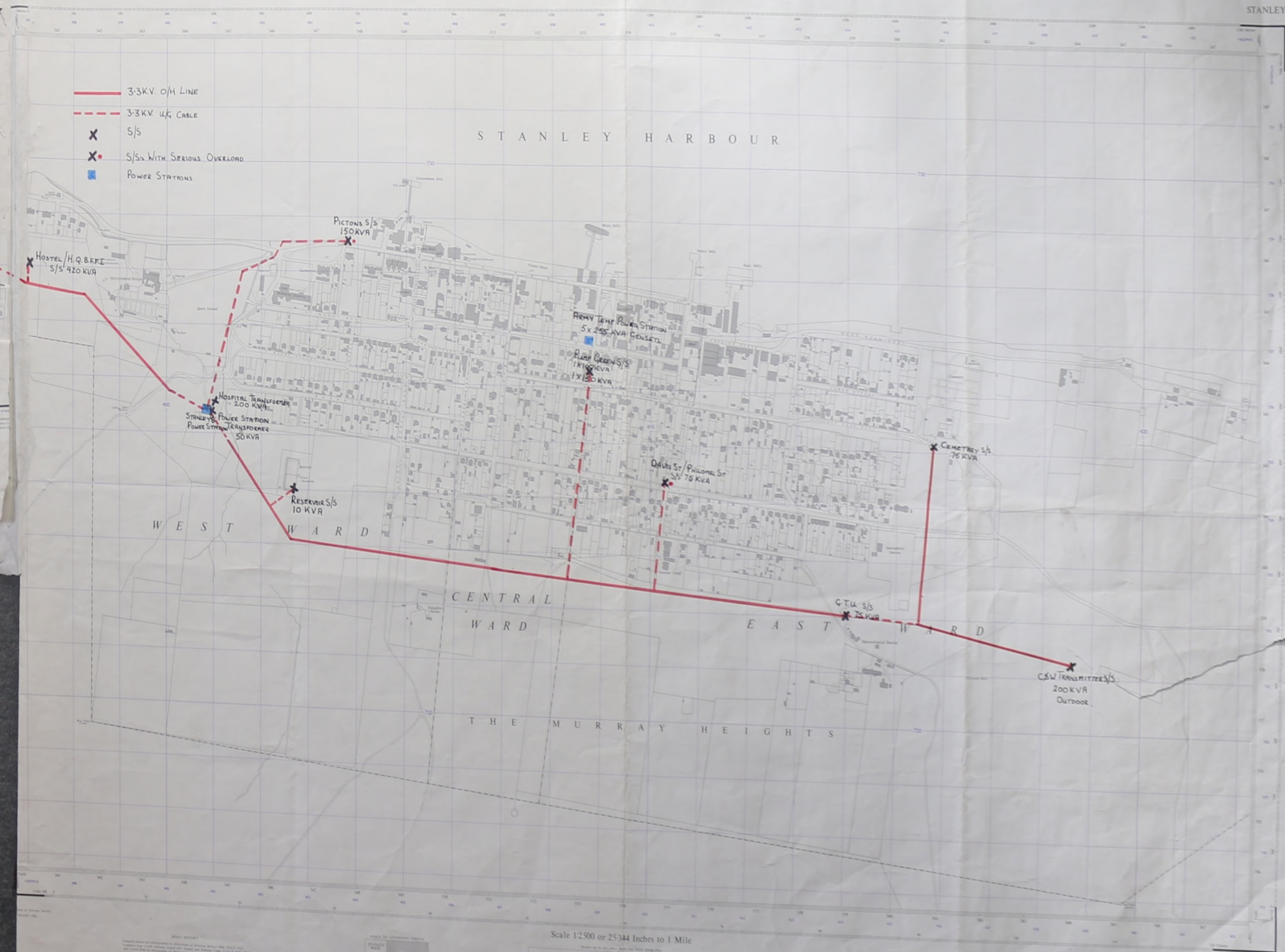
Scale 1:2500 or 25344 Inches to 1 Mile

Scale 1:2500 or 25344 Inches to 1 Mile

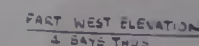
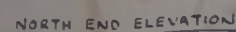
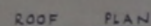
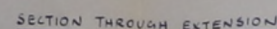
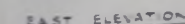
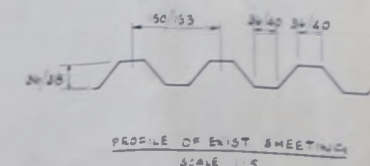
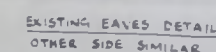
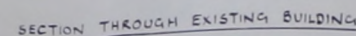
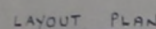
Map of Stanley Harbour area showing power supply infrastructure. The map includes a grid and labels for various locations. A red line indicates the 3.3KV O/H LINE, and a dashed red line indicates the 3.3KV U/G CABLE. A legend identifies symbols for S/S (Substation), S/S WITH SERIOUS OVERLOAD, and POWER STATIONS.

FALKLAND ISLANDS

STANLEY



Scale 1:2500 or 25344 Inches to 1 Mile

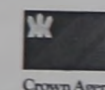


1. STEELWORK CONTRACTOR TO DISMANTLE SHEETING, RAILS, COVER AND ROLLER SHUTTER ON GRID LINE 5 AS WORK PROGRESSES AND PROVIDE APPROPRIATE TEMPORARY WEATHER PROTECTION.

2. STEELWORK DESIGNED TO BS449, CP3 CHAP. V PART 2 AND RELEVANT BRITISH STANDARDS. DESIGN WIND SPEED 190 MPH WHERE $S1 = S2 = S3 = 1.0$. COLUMNS TO BE DESIGNED WITH 'PINNED' BASES. CUTTERS AND DOWNPIPES DESIGNED FOR 100MM PER HOUR RAINFALL.

Extension to Stanley 'B' Power Station
Drawing EC3/D25, showing Switchgear Platform
and duct layout, to follow.

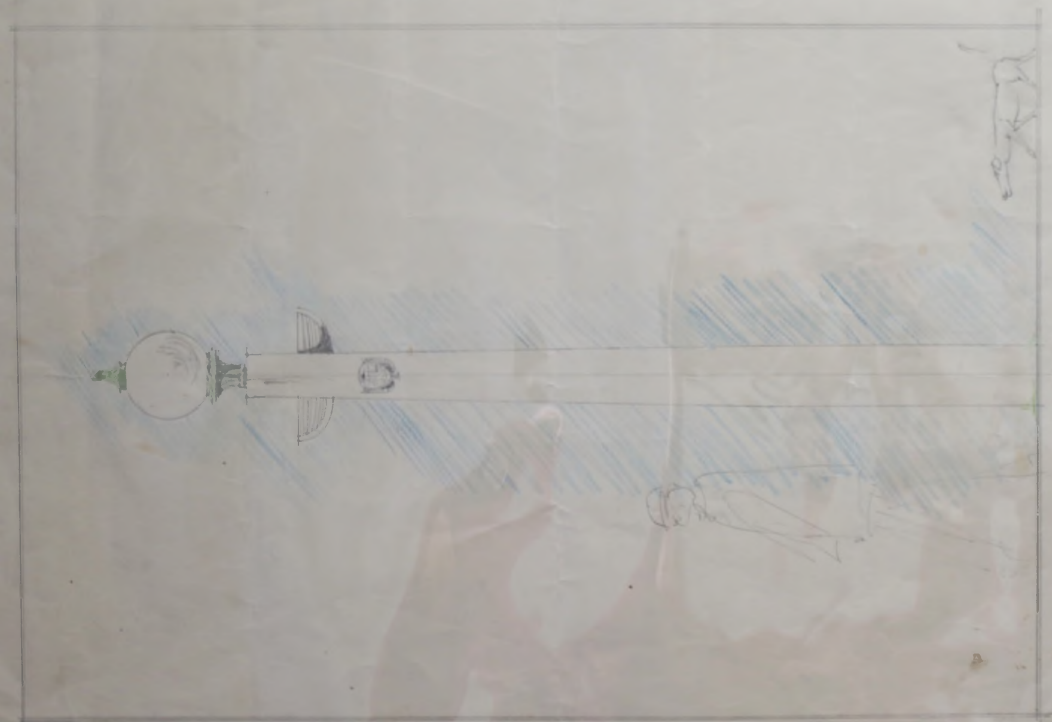
4, Millbank, Westminster,
London SW 8 5JL
Telephone:
National 01-222 7730
International +44 1222 7730
Telex 916205 CALOND G
Telegrams Crown London SW 1
Fax (Group II & III) 01-222 8085
CA RM BC97/FALKETMO 4/30208



EXTENSION TO STANLEY B POWER STATION
BUILDING GENERAL ARRANGEMENT

CROWN AGENTS
FOR OVERSEA GOVERNMENTS & ADMINISTRATIONS
ENGINEERING OPERATIONS DIRECTORATE
4 MILBANK LONDON SW1P 3JD

Drawn by SCH	Approved by
Checked by	Date APR 10
Scale 1:100 10' = 1"	
DRG No. EC3/D2511	



100% CEN-DITED MATERIALS
Changes to final design



The Legs:

These are 2 lengths of 2" by 3" by 1/2" angle each 10 ft long. The 4 bottom lengths are drilled at one end to suit the castings on the top of the mill. The 4 top lengths are drilled at one end to suit the castings on the top of the mill. These are joined into 4 legs by butt joints fitting inside the angles.

The Braces:

These are of 3/4" dia. mild steel screwed at both ends to take double nuts & ballable Tension Brackets. There are 8 of each length, the longest fitting in the bottom of the tower.

The Girts:

These are angles of various sizes & lengths. 4 of each length, the longest fitting in the bottom of the tower. These all have one flange mitered at both ends. One of each length is drilled to take the ladder, these must all be fixed on one side of the tower. Two of the "Second Girts" are drilled on the mitered flange for the pipe stay angles, these should be fixed opposite one another in the tower as shown on plan.

The Corner Braces:

These are 1 1/2" by 1/2" flats to bolt across the corners of the girts as shown on plan.

The Ladder:

This is in two lengths built of 1 1/2" by 1/2" by 1/2" angle sides with 1/4" by 1/2" flats, bolt to the girts with the 1/4" by 1/2" flats fitting across the top part of the tower for ease in climbing.

The Stage:

This is of wood and fixed on two 1 1/2" by 1/2" by 1/2" angles, bolted to the tower legs. Fix this stage so that the propeller comes over the ladder.

Tower Top & Top:

These parts being assembled the Tower Top Casting & Top Casting may be bolted in place. The ball thrust washer in the top casting should be packed with grease and the bearing gear fitted on the bottom of the Cast Iron Pipe after it has been threaded through the tower top.

Draw up the tower braces evenly all round, keeping the tower straight above, so that the pipe freely in the tower top & top, and lock the double nuts in the braces.

Now slip in the 5' 6" length of G.I. Pipe with the Pipe stay attached and drop the girth on the pipe into the correct slot on the top of the G.I. Pipe (See Sketch above).

Bolt the main top onto the G.I. Pipe, putting the spring washers under the bolt heads & nuts. Now fix the Fan board, gearing the quadrant correctly with the pinion so that the pinion will drop back into the correct notch with when the wheel is full right & square out of the 2 & the 1st length of the G.I. Pipe may now be fixed, so that the brass rod joints

The Pump Rod:

do not foul the joint in the G.I. Pipe. The bottom rod joint must be well up the pipe when the pump rod is at the bottom of the stroke and the handwheel lifted for turning out of gear, or it may foul the bottom of the pipe.

The Handwheel:

should now be assembled in position. The photograph on the front of this book will make this & the assembly of the keyboard quite clear.

To Start the Mill:

Lift up the handwheel until the notch on the pinion at the top of the G.I. pipe is clear of the slot in the G.I. pipe. Now turn the fan revolving and let the pinion drop back into its notch again.

See that the pinion drops into its correct notch at both starting & stopping. The other notch is for use when it is desired to run the mill in very high winds.

For Oiling Instructions See Diagram 1216.

DRAWN BY J.H.B.
CHECKED BY
DRAWING NO 1989

Falklands Islands
1931

— 12 ft by 20 ft Windmill Tower —
— Erecting Instructions —

WAKES AND LAMB
MILLWRIGHTS & ENGINEERS
NEWARK-ON-TRENT