

R/SHI/CAP/1#03

FALKLAND ISLANDS

CAPE PEMROKE LIGHTHOUSE



BY APPOINTMENT

THE FALKLAND ISLANDS

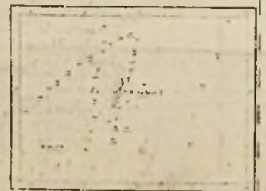
EDWARD & SON, LTD., PRINTERS
10, ABchurch Lane, LONDON, E.C. 4

1954

Scale of 1:50,000
Vertical Exaggeration 1:10,000
Horizontal Exaggeration 1:50,000
Scale of 1:50,000
Vertical Exaggeration 1:10,000
Horizontal Exaggeration 1:50,000



96/2



FALKLAND ISLANDS
CAPE PEMROKE LIGHTHOUSE

A1

A2

A3

A4

A4

A3

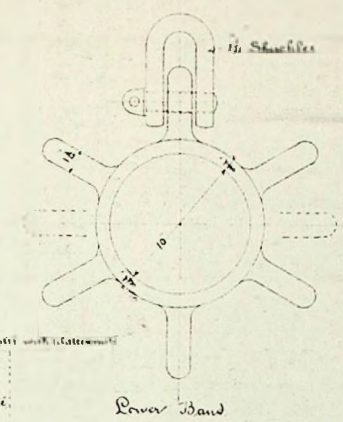
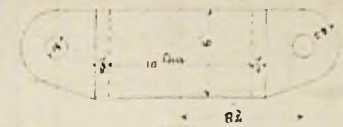
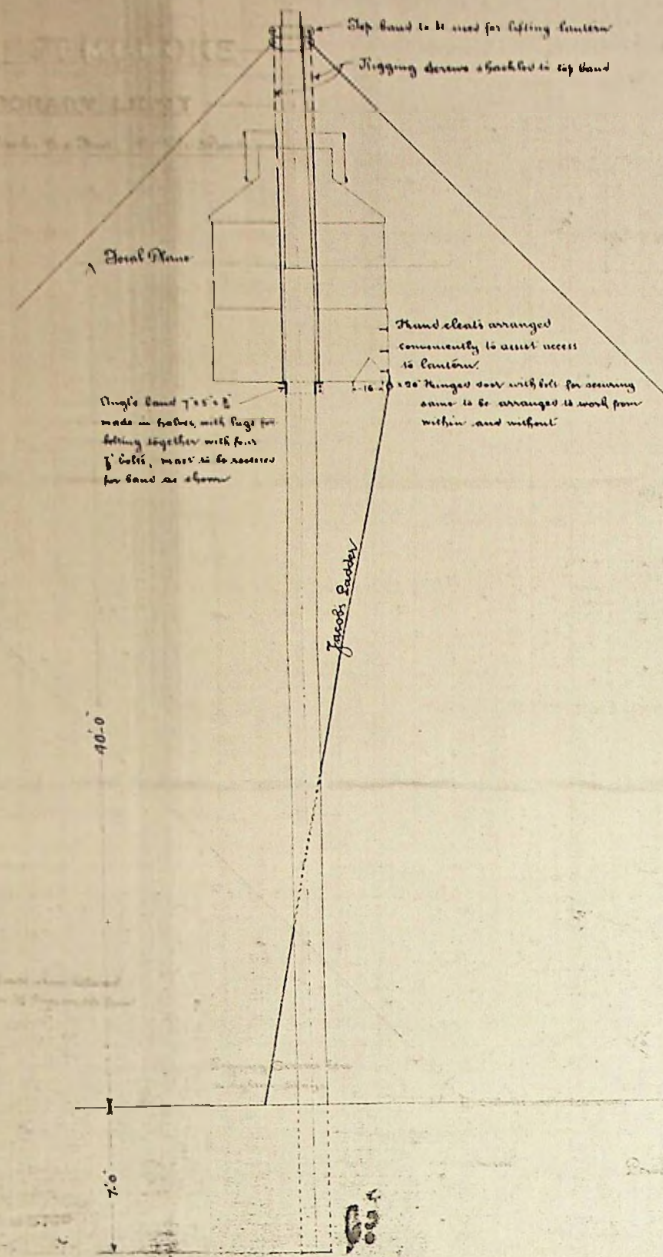
A2

A1

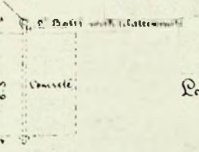
CAPE PEMBROKE

TEMPORARY LIGHT

Scale 7/8 Inch = One Foot. Details 3/4 Inch



Rigging Screws are to tighten Stays

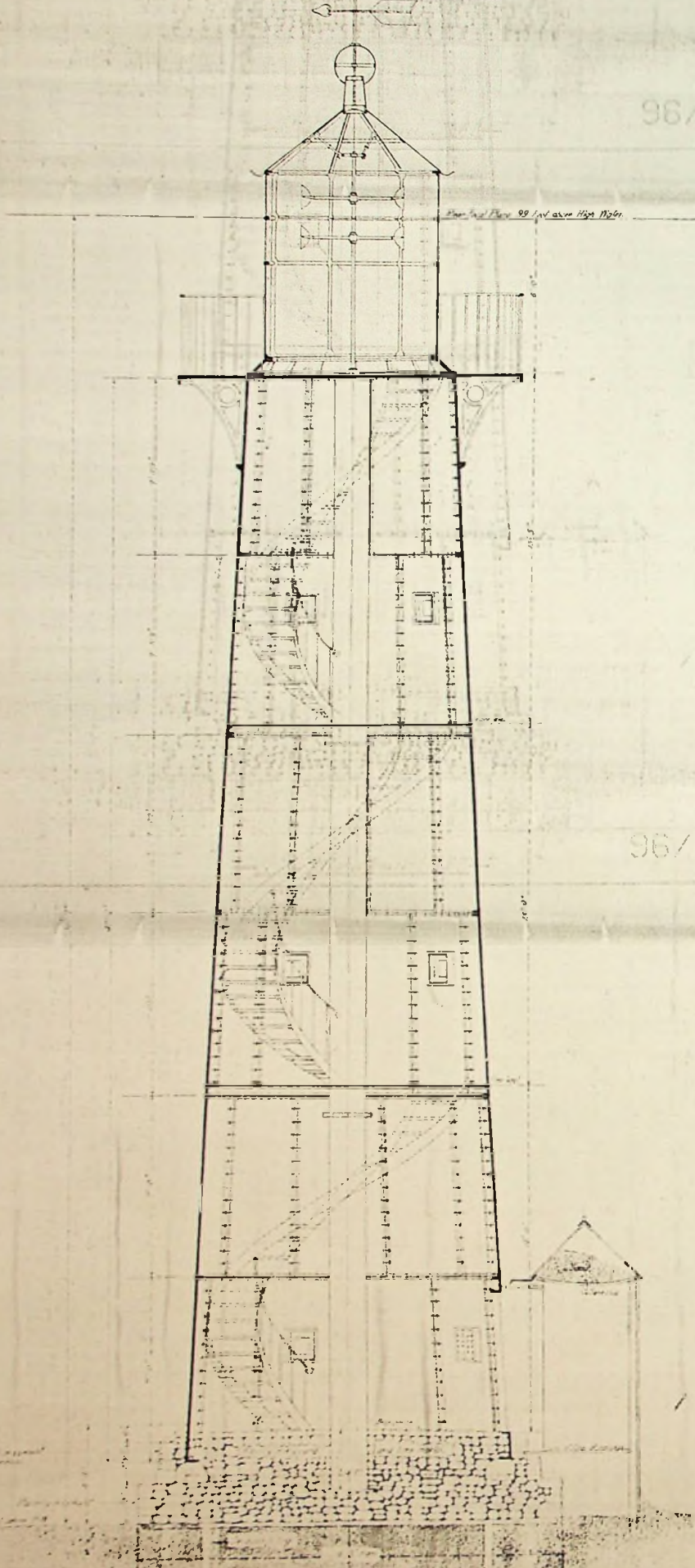


418700

96/3

Handwritten signature and date

FALKLAND ISLANDS
CAPE PEMBROKE LIGHTHOUSE



96/4

1885
J. Mathias

For Final Plans 99 feet above High Water

96/4

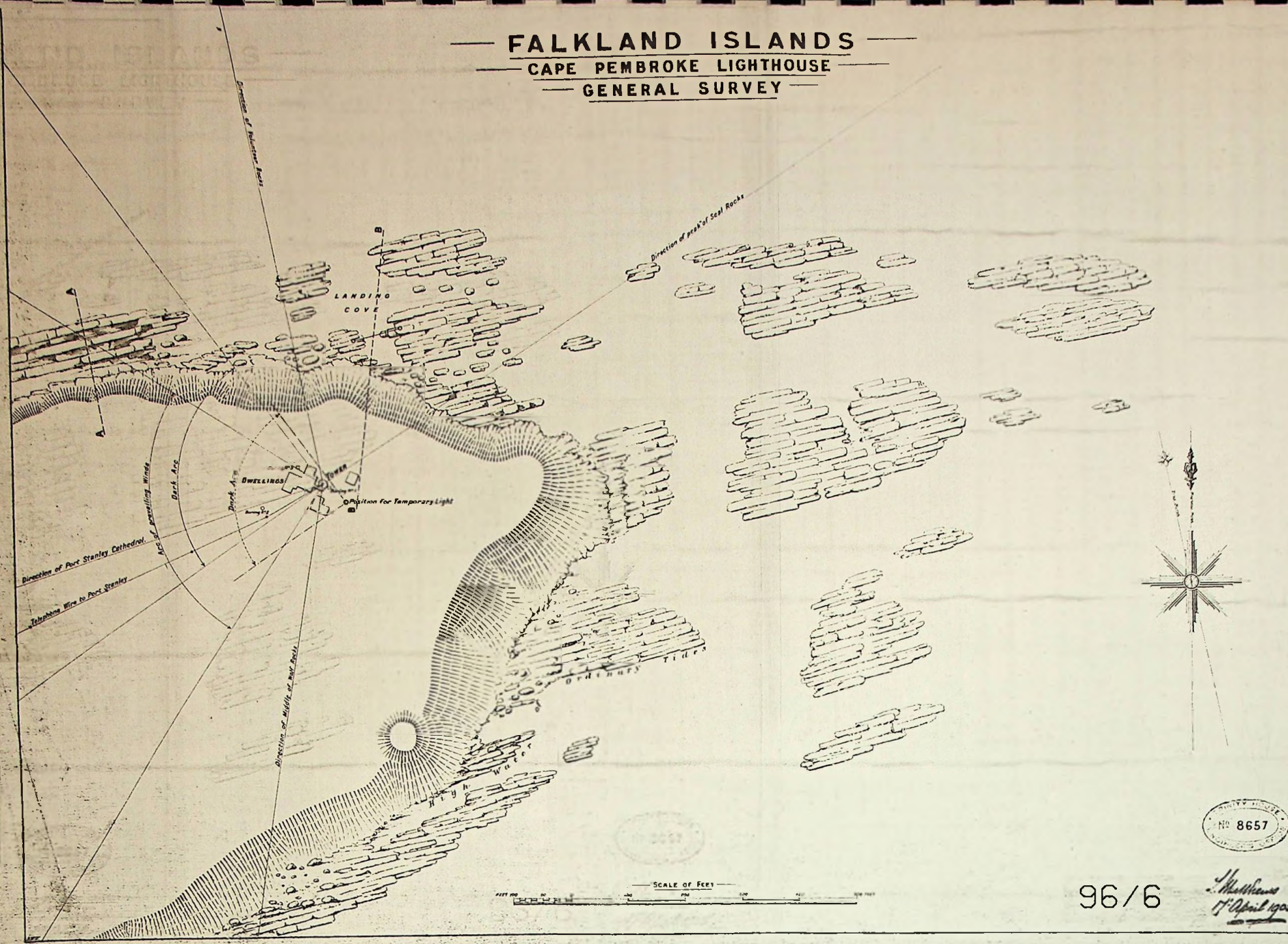
1885
J. Mathias

NO 8659
ENGINEER'S OFFICE

96/4

J. Mathias
17 April 1905

FALKLAND ISLANDS
CAPE PEMBROKE LIGHTHOUSE
GENERAL SURVEY



No 8657

96/6

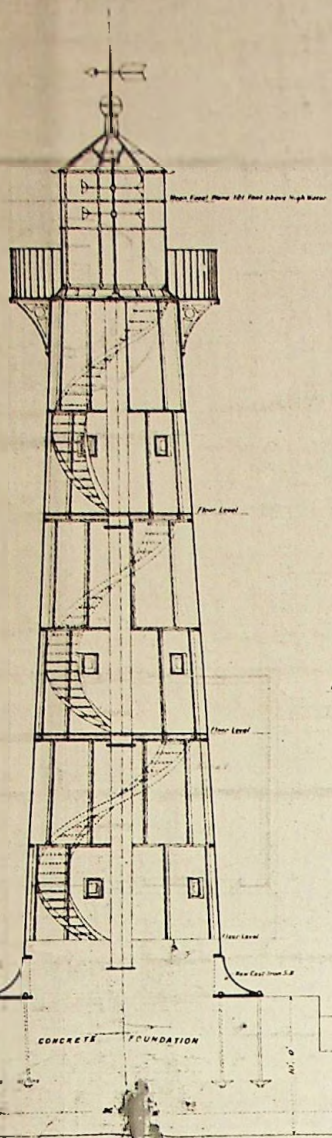
J. Matthews
17 April 1905

FALKLAND ISLANDS

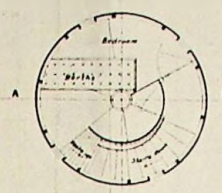
CAPE PEMBROKE LIGHTHOUSE

Nº 1

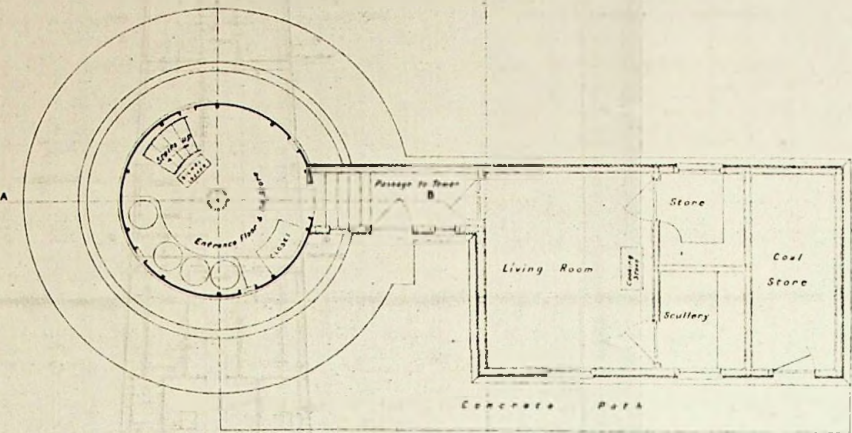
Nº 2



PLAN OF SERVICE ROOM AT A.A.



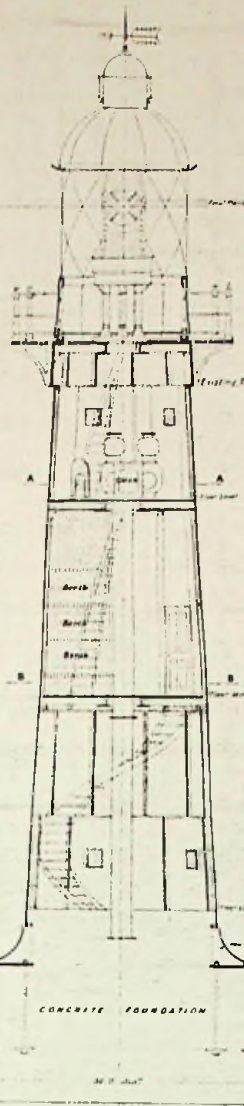
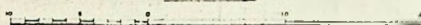
PLAN OF BEDROOM AT B.B.



GROUND PLAN

36/7

SCALE OF FEET



VERTICAL SECTION OF TOWER ON LINE A.B.

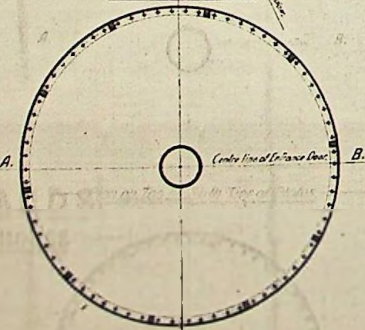
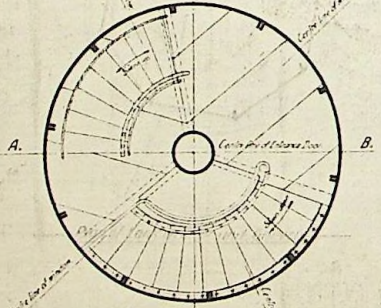
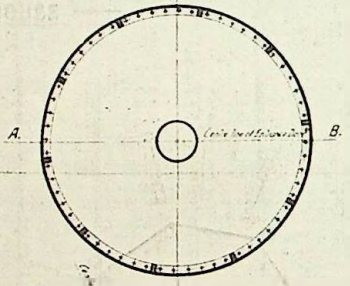
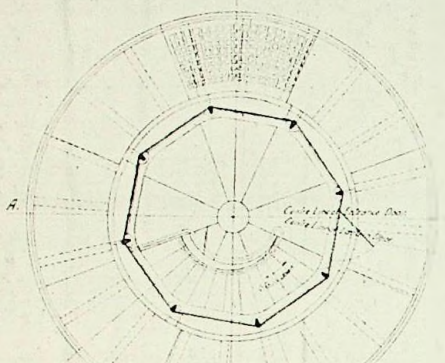
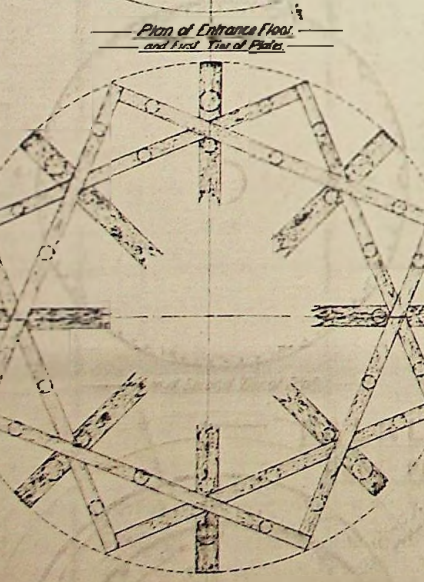
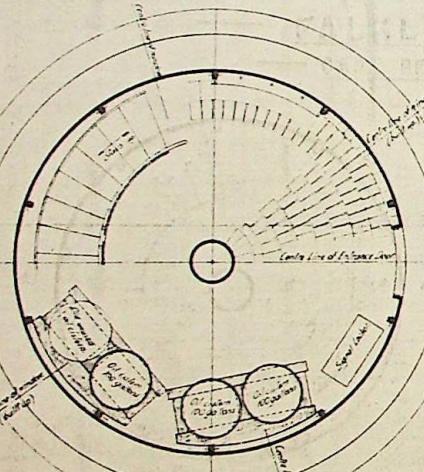
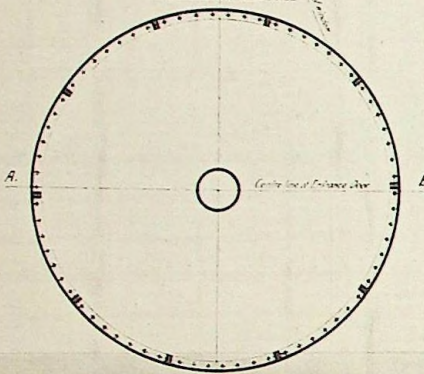
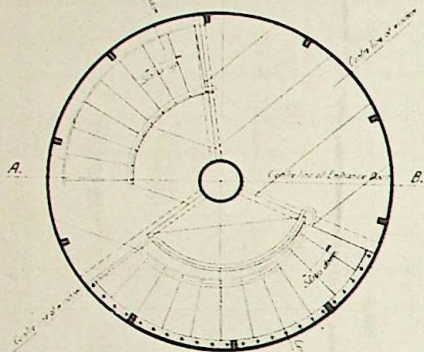
96/7



Handwritten signature and date: May 1905

FALKLAND ISLANDS

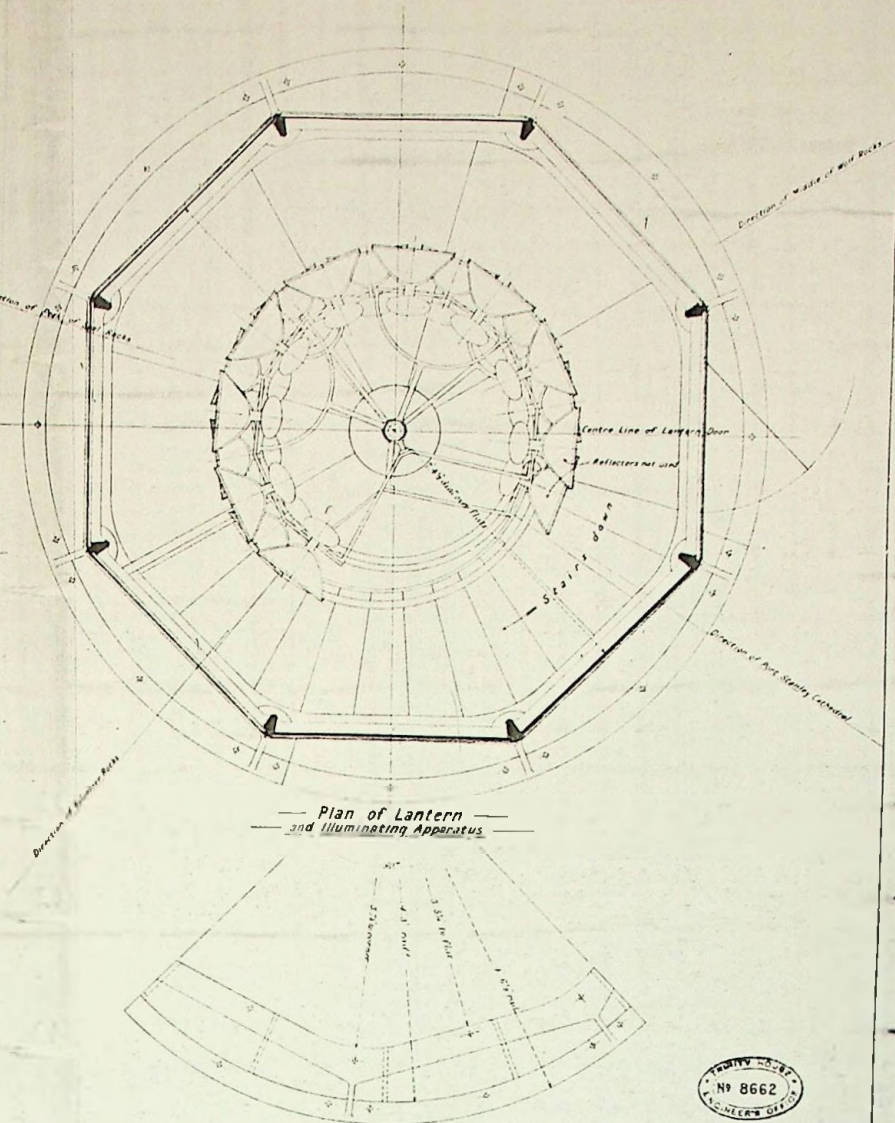
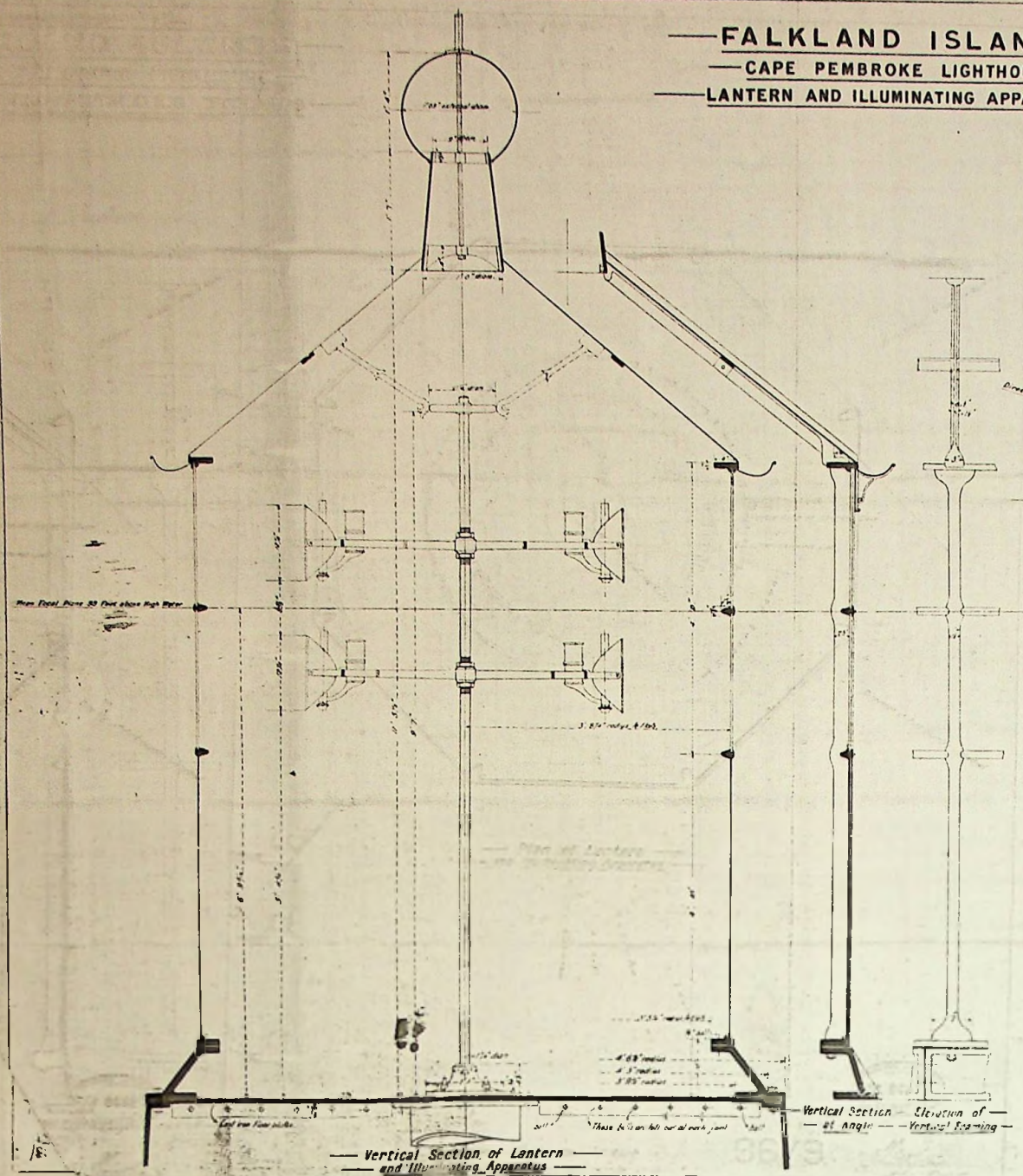
CAPE PEMBROKE LIGHTHOUSE



96/8

Matthews
April 1905

FALKLAND ISLANDS
CAPE PEMBROKE LIGHTHOUSE
LANTERN AND ILLUMINATING APPARATUS



CIVIL ENGINEER
 No 8662
 LONDON

96/9

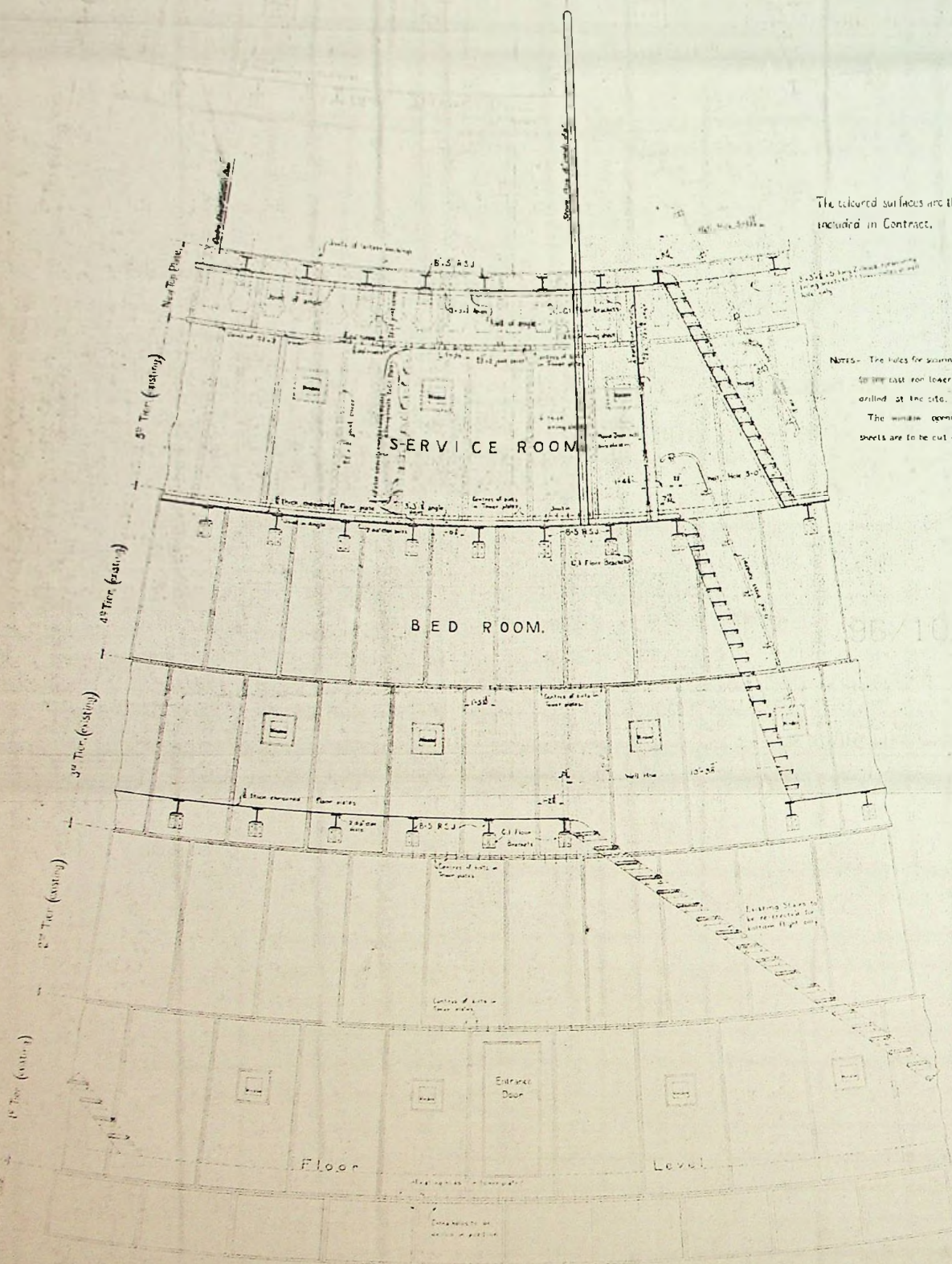
J. H. H. H.
 1st April 1905

E
 4
 A4
 A3
 A2
 A1

FALKLAND ISLANDS
 CAPE PEMBROKE LIGHTHOUSE.

Scale 1/4 inch to a foot

96/10



The coloured surfaces and those parts included in Contract.

Notes- The holes for securing the lining sheets to the cast iron lower plates are to be drilled at the site.

The window openings in the lining sheets are to be cut out at the site.

96/10

Inside development of tower on inside radius of lining sheets.

96/10

FALKLAND ISLANDS

CAPE PEMBROKE LIGHTHOUSE

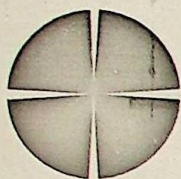
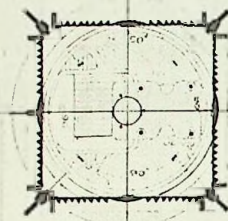
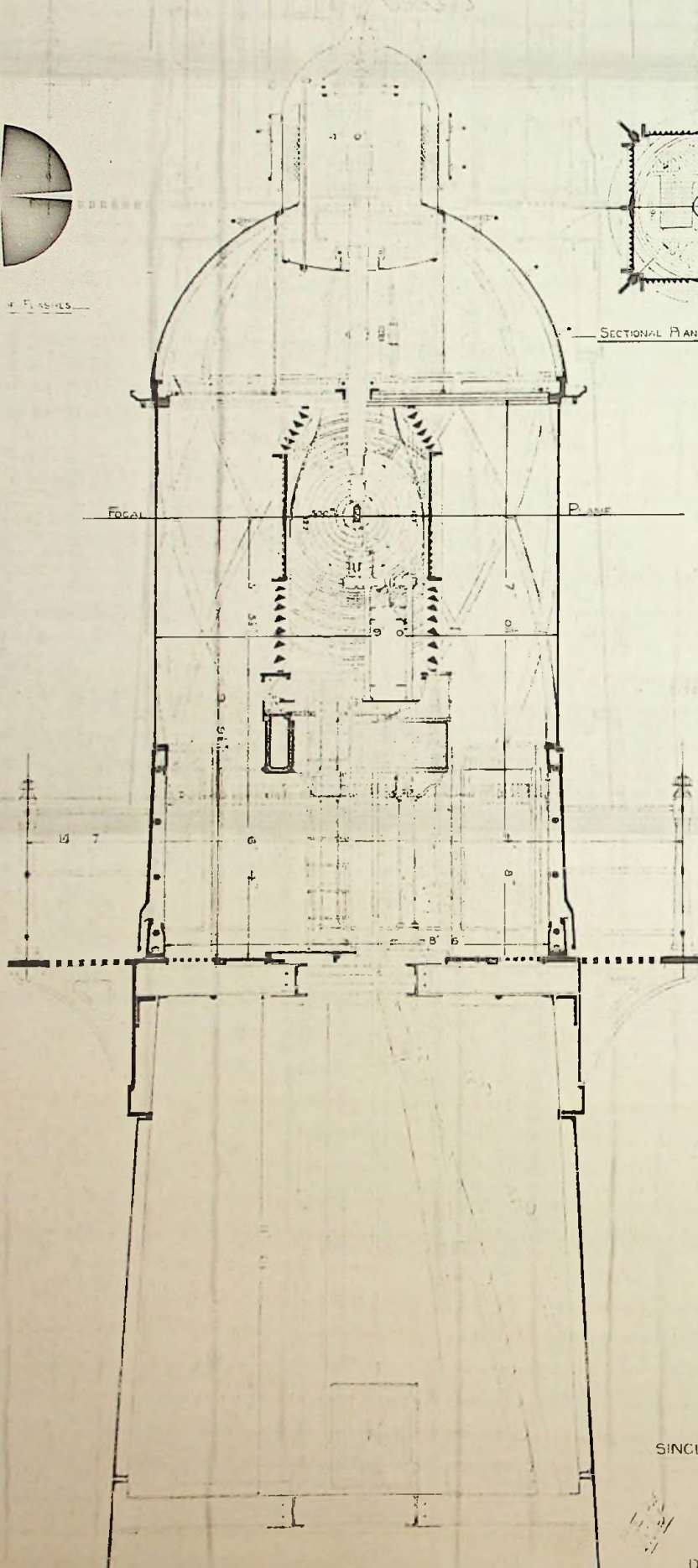


DIAGRAM OF FLASHES



SECTIONAL PLAN THROUGH FOCAL PLANE



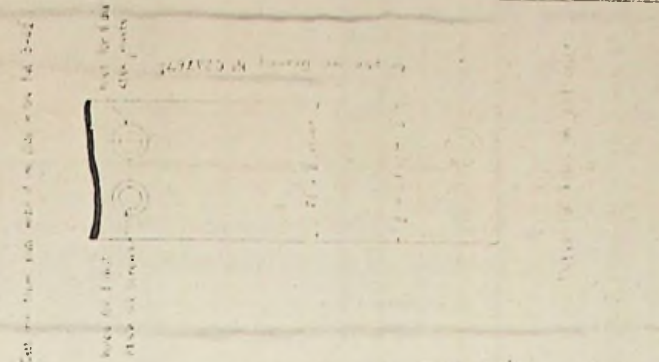
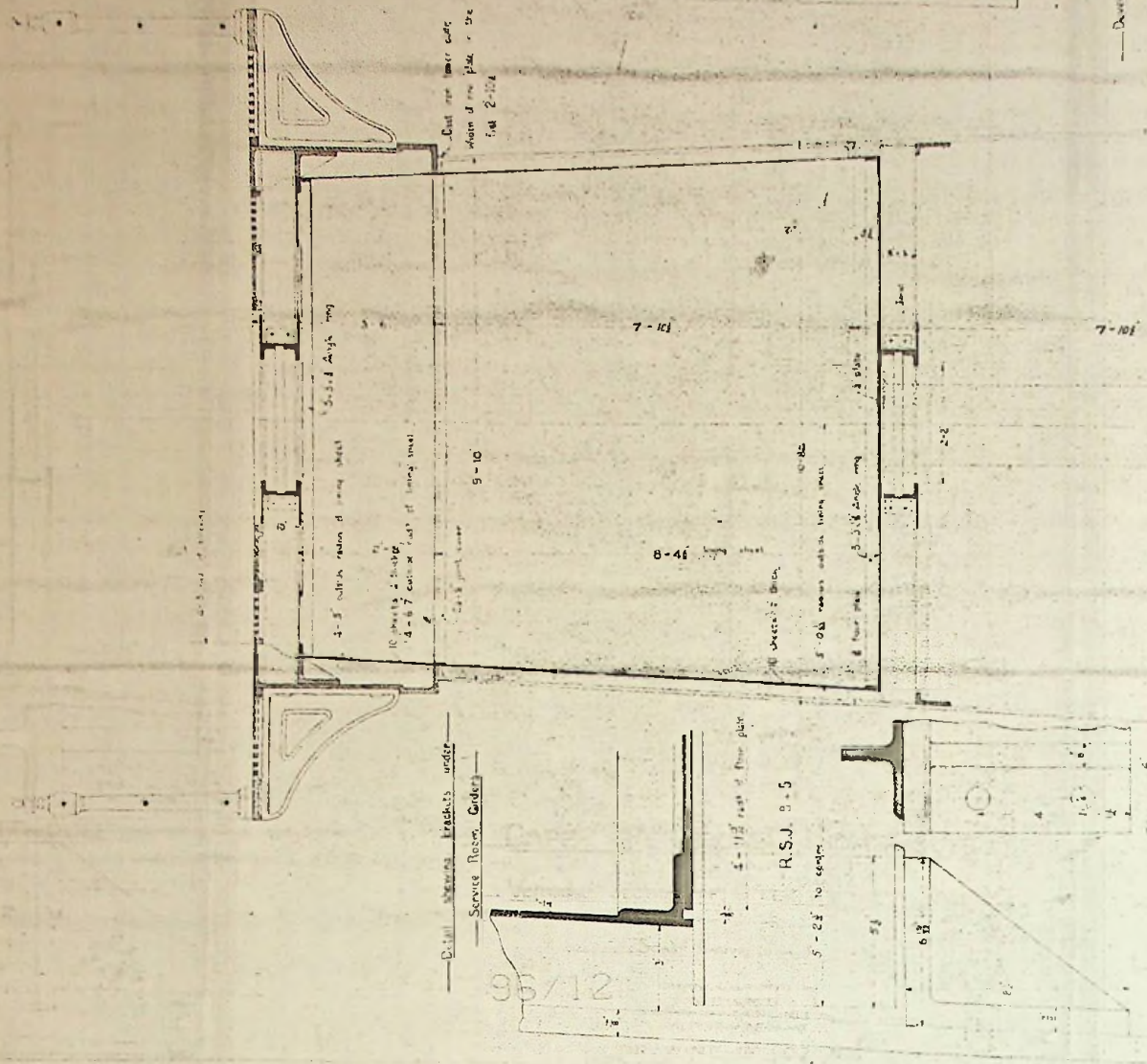
96/11

SINGLE FLASHING APPARATUS

Scale: 1/2" = 1' 0"

ENGINEERS
& ARCHITECTS
LIMITED
15, ABchurch Lane
LONDON, E.C. 4

DRAWING NO. 4522



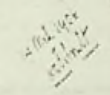
CAPE PEMBROKE LIGHTHOUSE
 VERTICAL SECTION OF UPPER PORTION OF TOWER

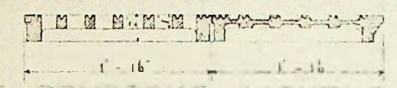
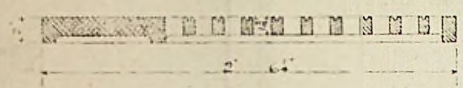
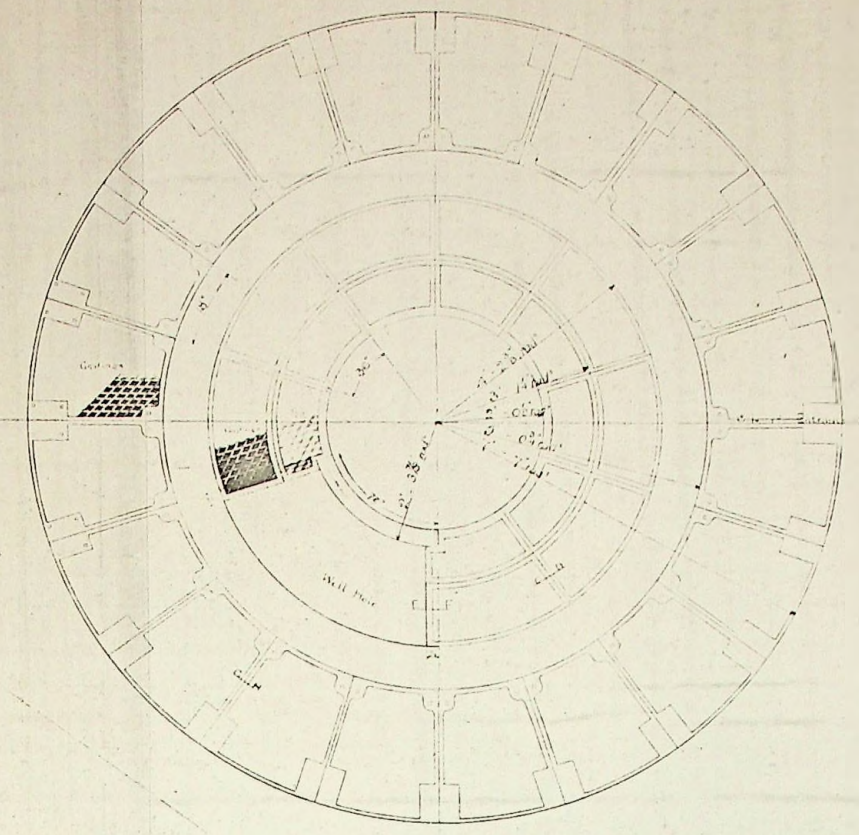
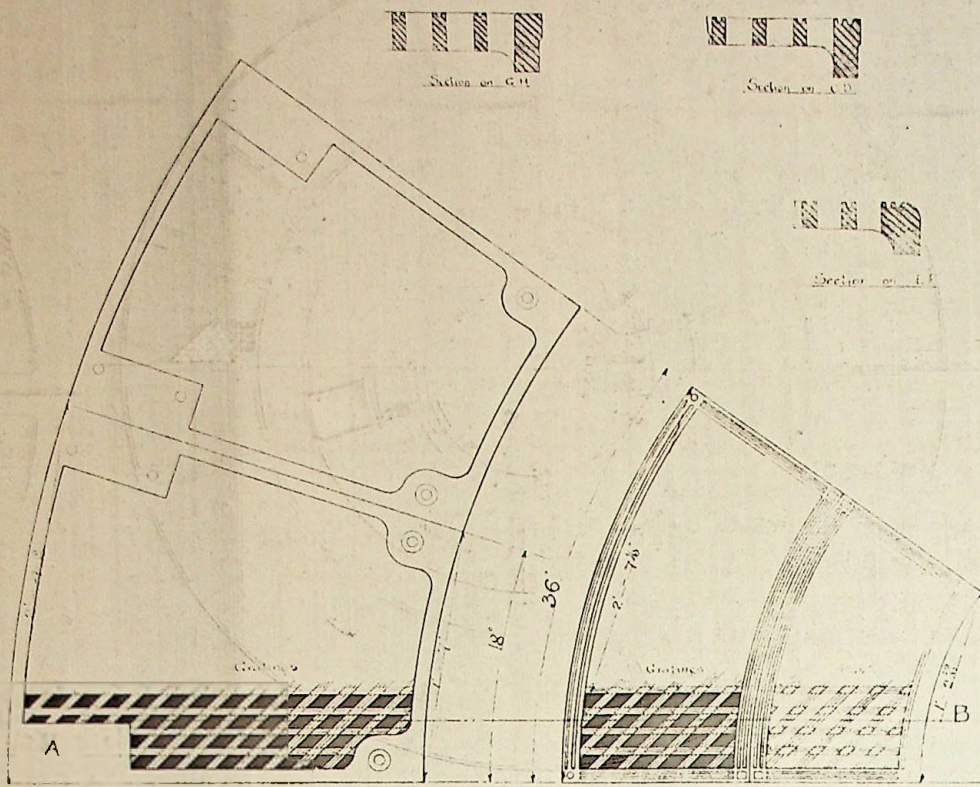
Scale: 1 inch to 4 feet

96/12

OSMANE BROTHERS
 AND CO. LIMITED
 LIGHTHOUSE ENGINEERS
 NEW BIRMINGHAM

DRAWING NO. C2476S





Plan of plates

Scale 1/4" = 1'

CAPE PEMBROKE LIGHTHOUSE.

DETAILS OF OUTSIDE GALLERY PLATES AND FLOOR PLATES.

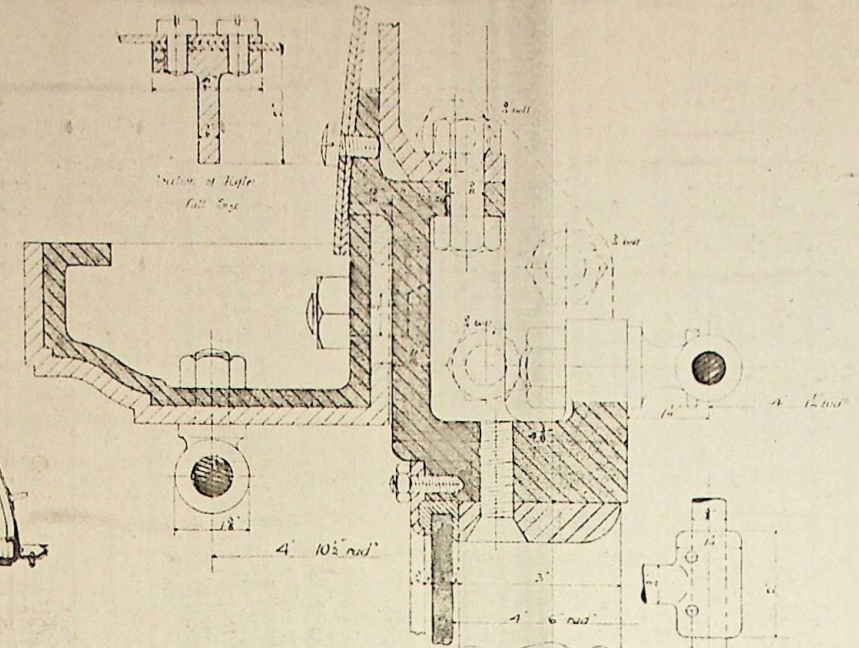
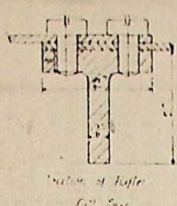
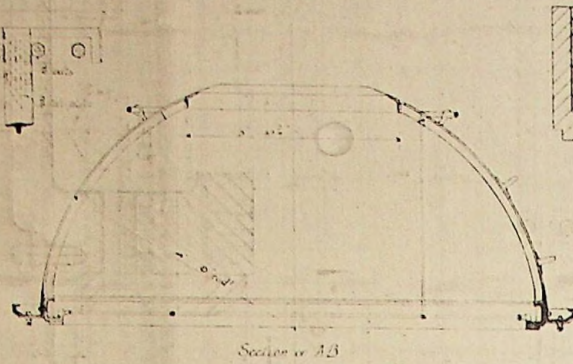
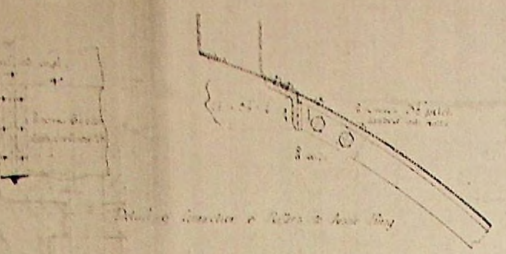
Scale 3/8" = 1'

96/14

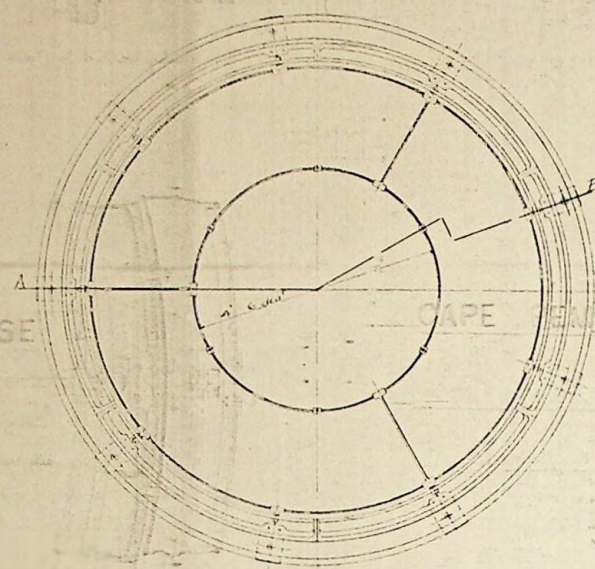
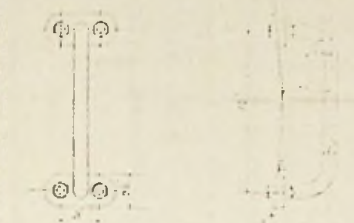
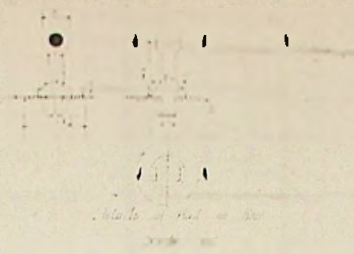
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96/14

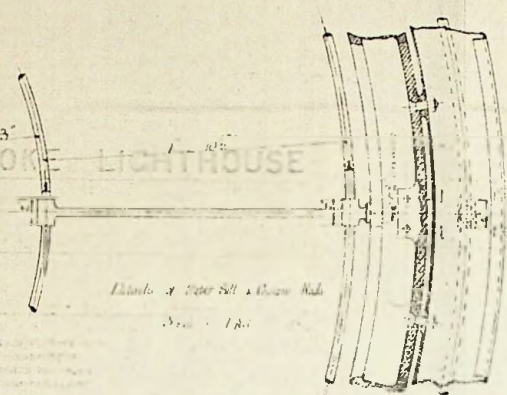
A4
A3
A2
A1



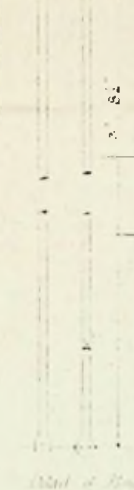
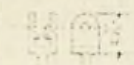
Detail of Sill and Gutter



Plan of Sill, Gutter, Ladder, & Galvan. Sheet



Detail of Tapered Sill & Gutter



CAPE PEMBROKE LIGHTHOUSE

SCALE 1/4\"/>

CHARLES BROTHERS
ENGINEERS
NEW BRUNSWICK

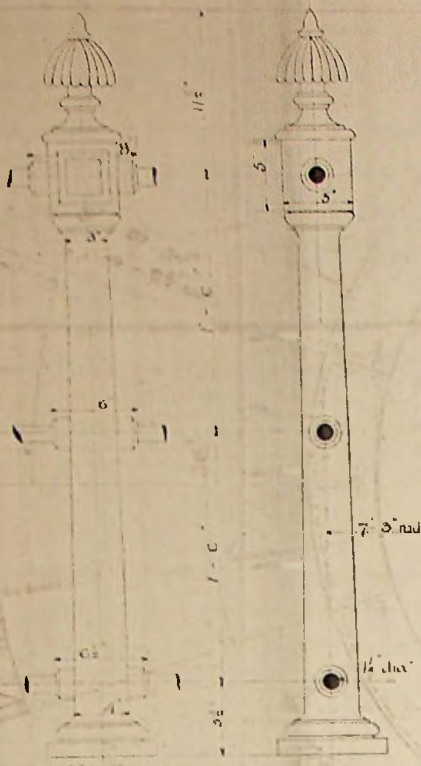
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96/15

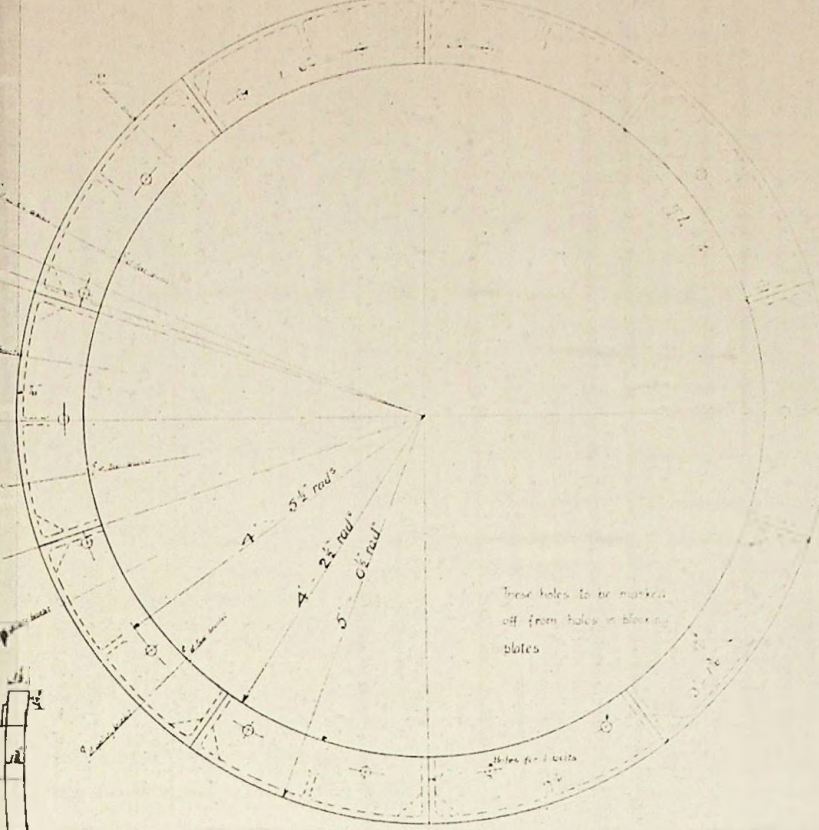
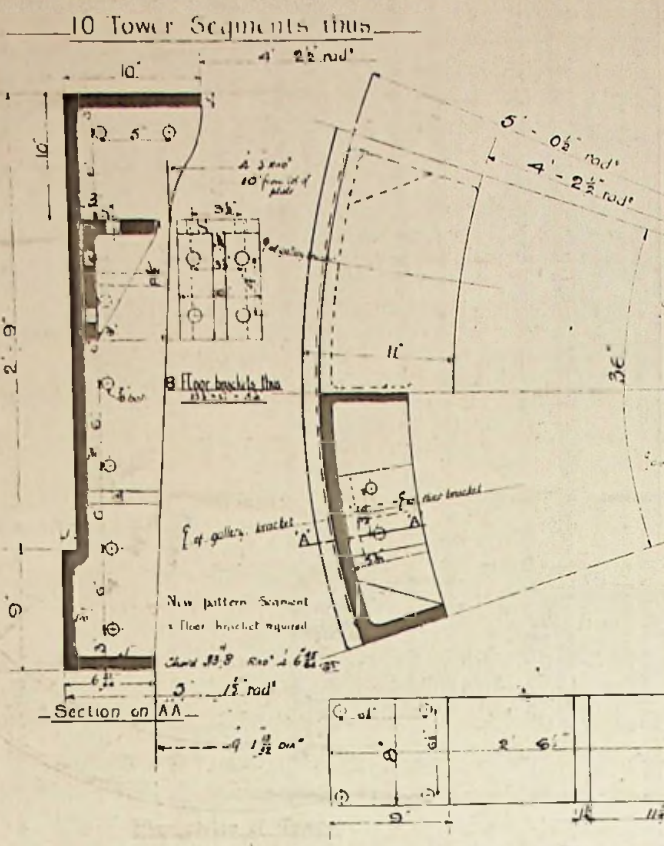
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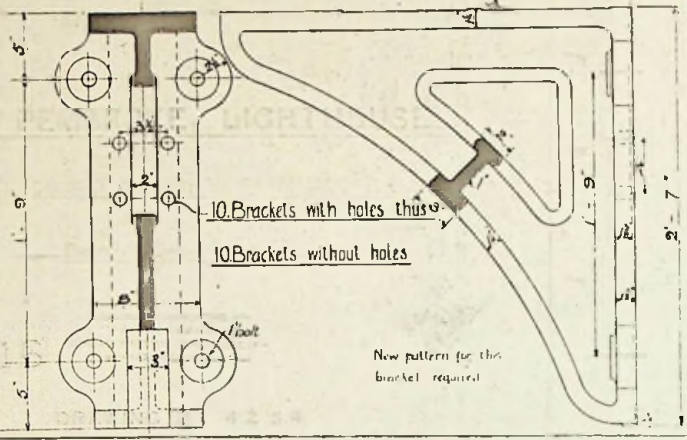
A1
A2
A3
A4
A3
A2
A1



20 Standards thus



Plan at top of Tower
Scale 1/2 inch = 1 foot



CAPE PEMBROKE LIGHTHOUSE

NEW TOWER PLATES GALLERY BRACKETS STANDARDS & FLOOR BRACKETS

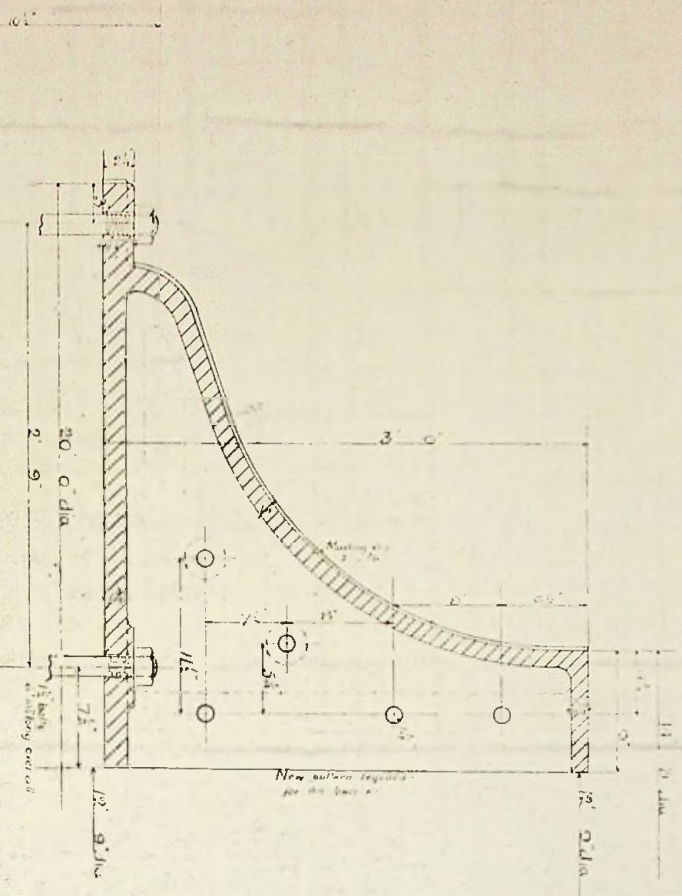
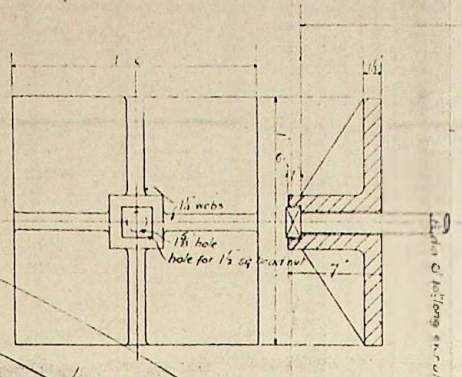
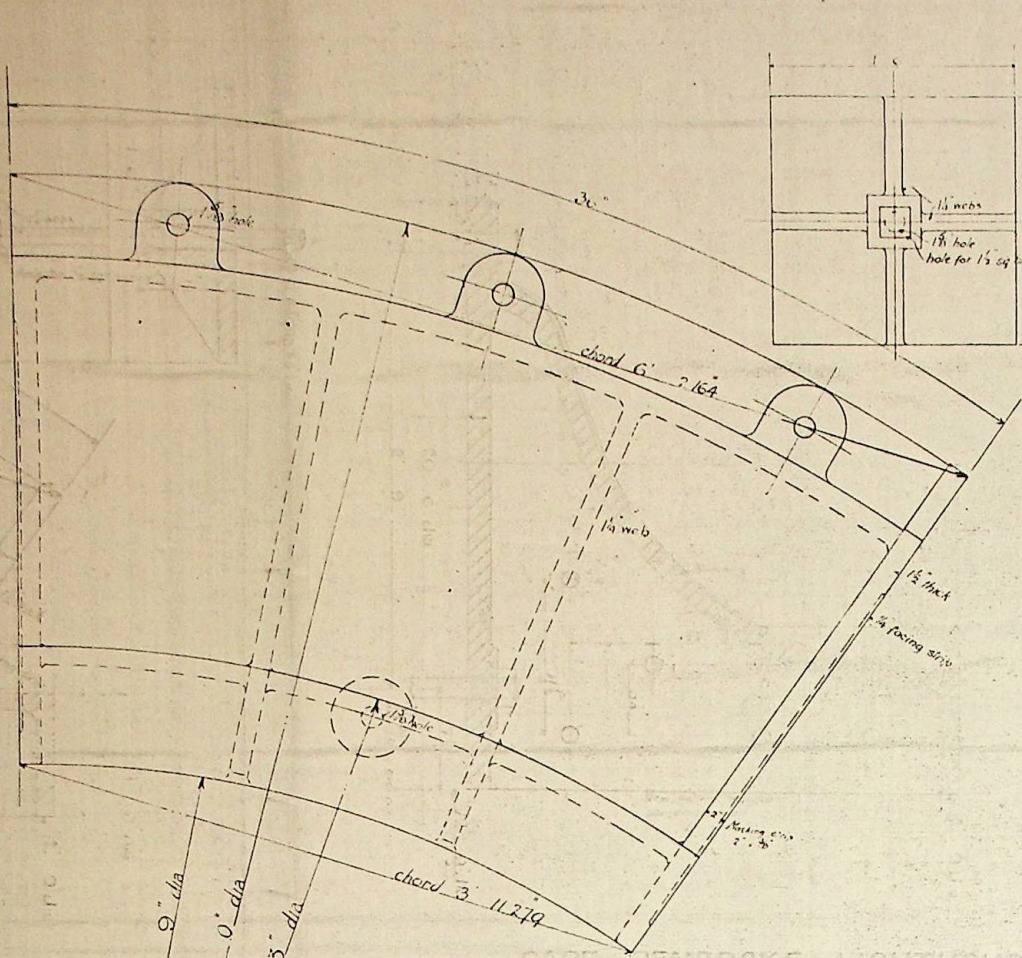
Scale 3/16 inch = 1 foot

96/16

CHANCE BROTHERS
LIMITED
LIGHTHOUSE ENGINEERS
NEW BIRMINGHAM

DRAWING NO 4284

May 1914
C.B.

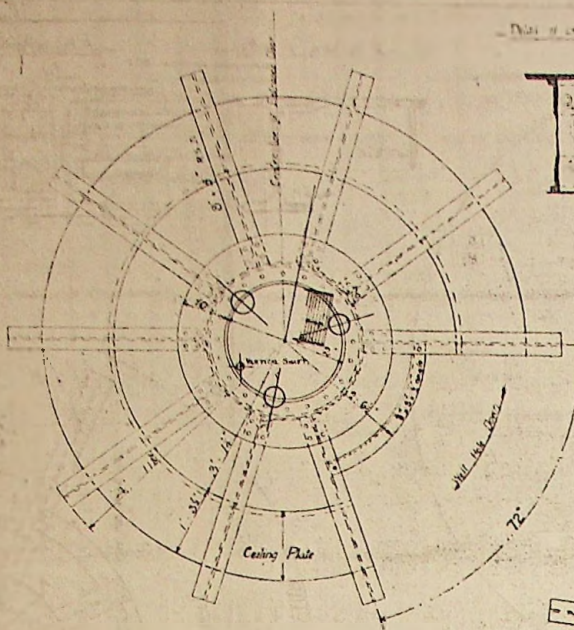
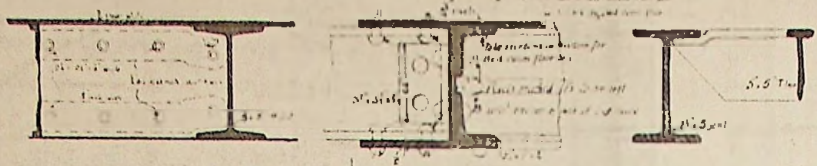


CAPE PEMBROKE LIGHTHOUSE
 NEW BOTTOM SILL OF TOWER
 Scale 3/16" = 1 foot
 Plan of 1 Segment
 10 Required
 96/17

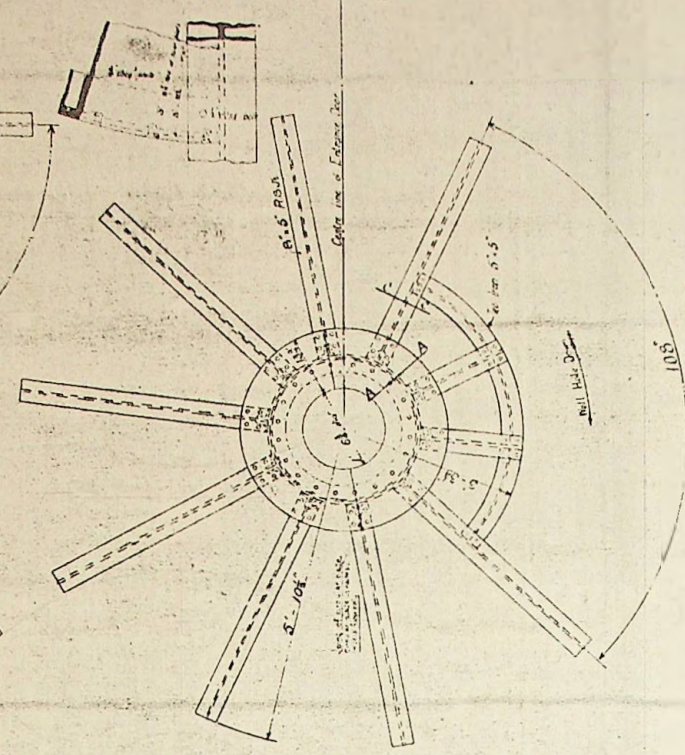
CAPE PEMBROKE LIGHTHOUSE
 NEW BOTTOM SILL OF TOWER
 Scale 3/16" = 1 foot
 96/17
 CHANGE BROTHERS AND CO LIMITED
 LIGHTHOUSE ENGINEERS
 NEW BIRMINGHAM
 DRAWING No 4286

024955
 024956

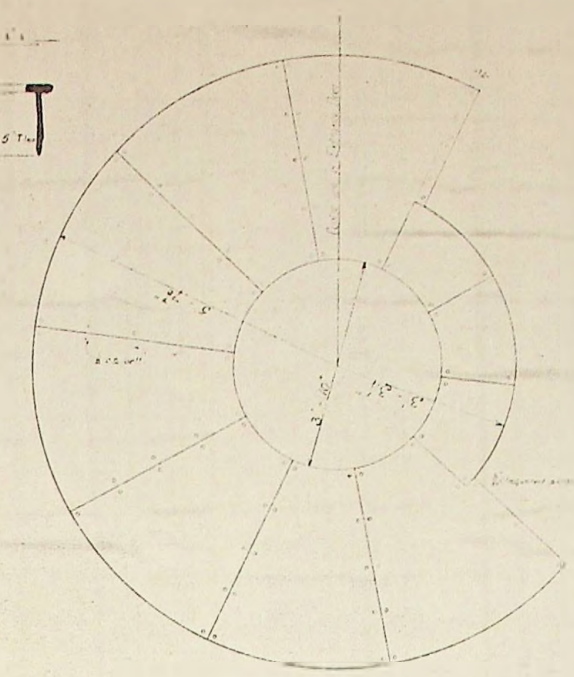
Detail of joint at AA — Detail of joint at AA — Detail of joint at AA



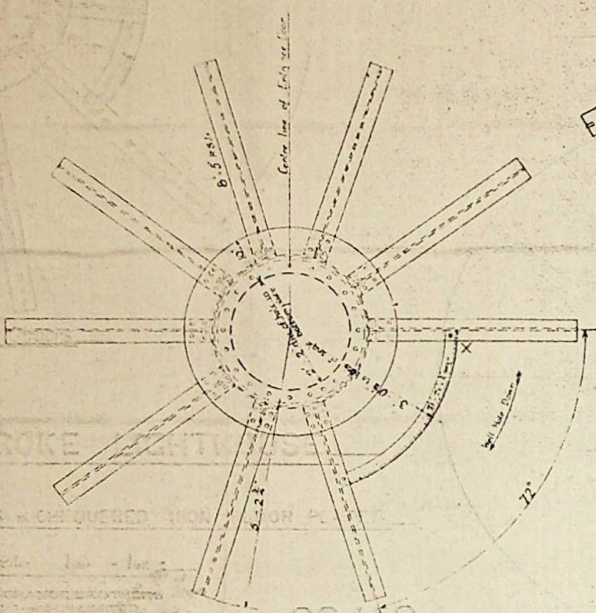
Lantern Floor Girders and Ceiling Plates



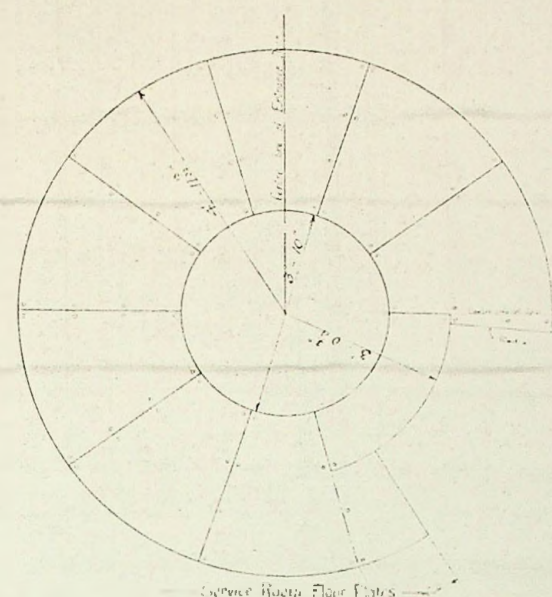
Bed Room Girders



Bed Room Floor Plates



Service Room Floor Girders



Service Room Floor Plates

CAPE PEMBROKE LIGHTHOUSE

DETAILS OF FLOOR JOISTS & CHEQUERED IRON FLOOR PLATES

Scale 1 inch = 1 foot

CHANGE BROTHERS
AND CO LIMITED
LIGHTHOUSE ENGINEERS
NEAR BIRMINGHAM

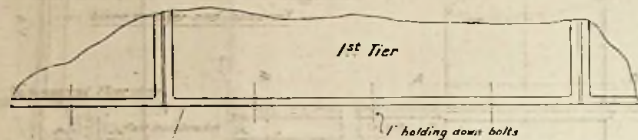
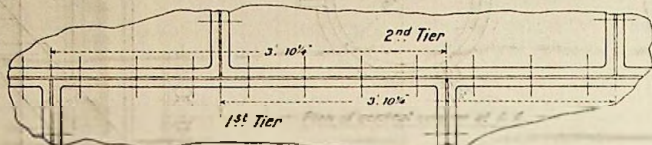
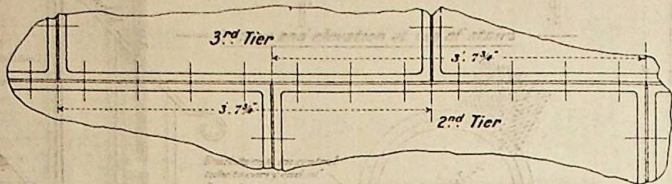
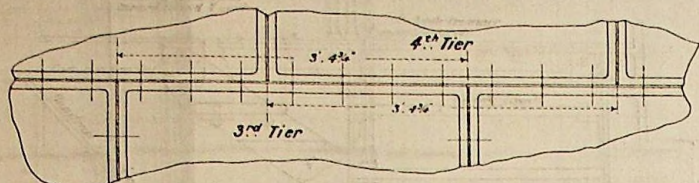
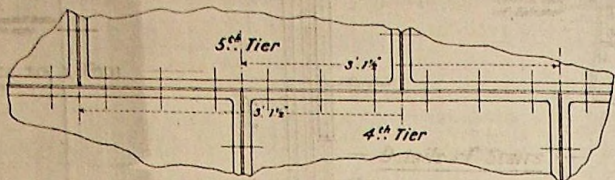
96/18

DRAWING NO 4287

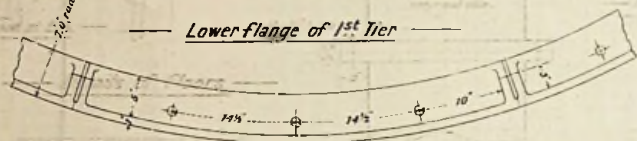
24.4.18
A. J. [Signature]

FALKLAND ISLANDS
CAPE PEMBROKE LIGHTHOUSE
CONSTRUCTIONAL DETAILS OF TOWER

SCALE 1 1/2 INCHES TO A FOOT



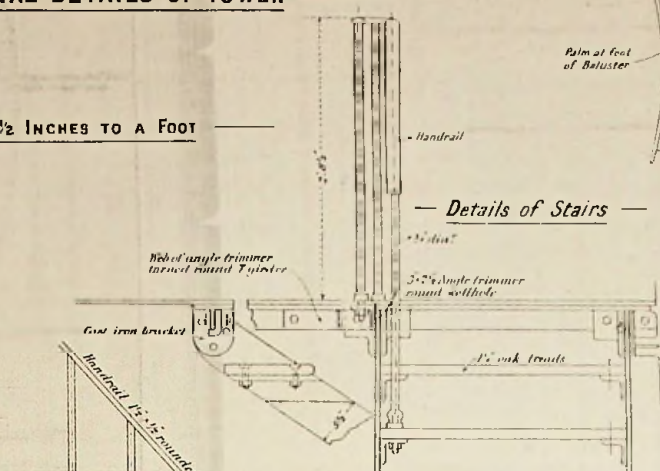
Development showing relative positions of Tower plates



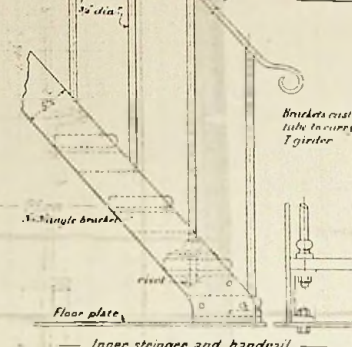
Plan



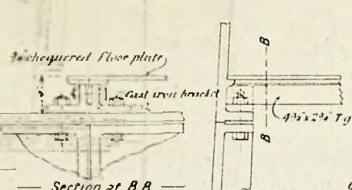
Entrance Door
Vertical Section



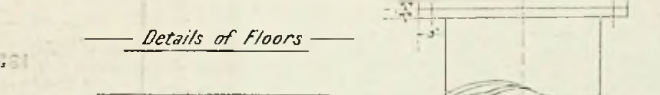
Section and elevation at top of stairs



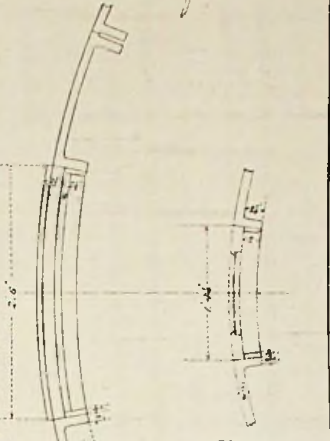
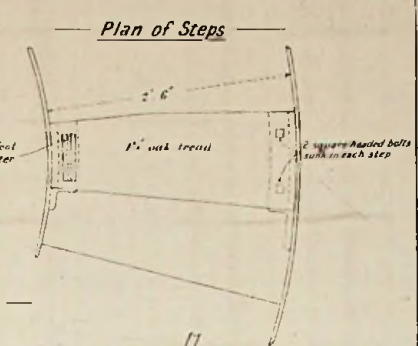
Inner stringer and handrail



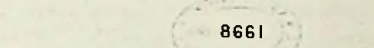
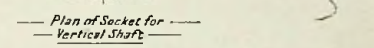
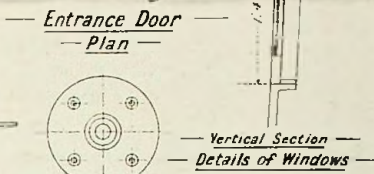
Section at B.B.



Details of Floors



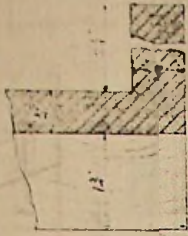
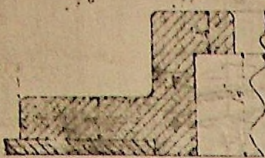
Plan of central column at A. A.



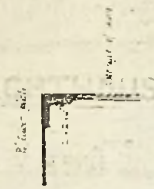
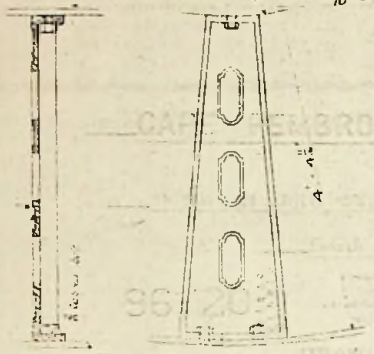
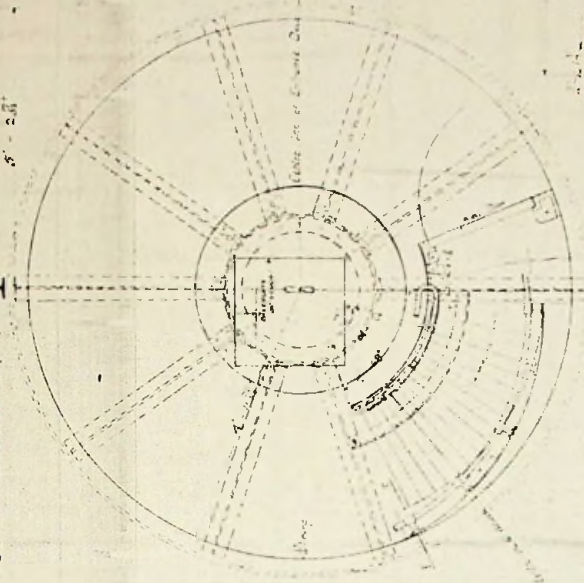
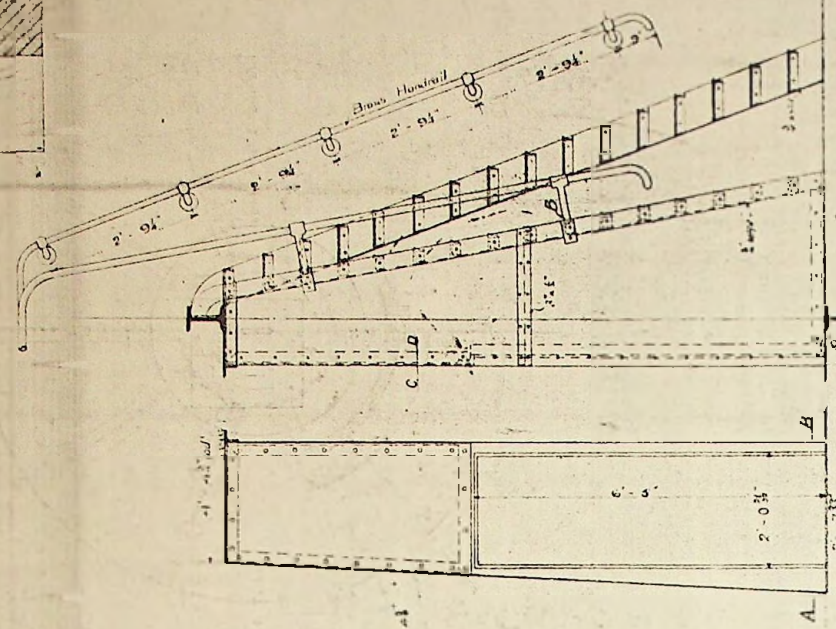
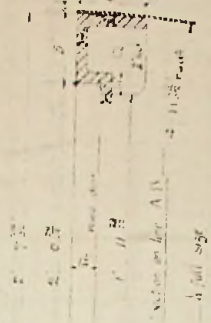
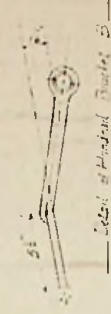
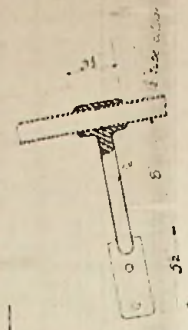
8661

96/19

J. Matthews
17 April 1905



Section through C D



Staircase on line E F

CAPE PEMBROKE LIGHTHOUSE

DETAILS OF PARTITIONS & STAIRS IN SERVICE ROOM

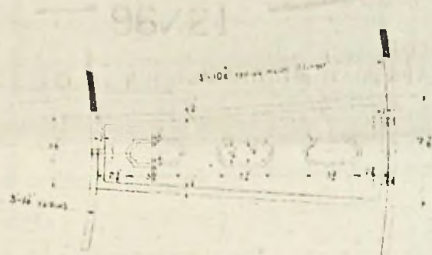
Scale 1/4" = 1'-0"

ORANGE BROTHERS AND CO LIMITED LIGHTHOUSE ENGINEERS NEW BIRMINGHAM

96/20

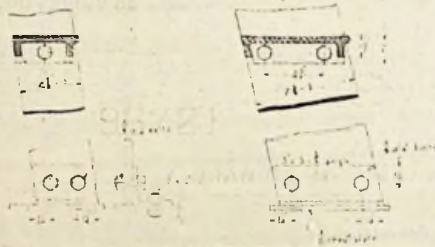
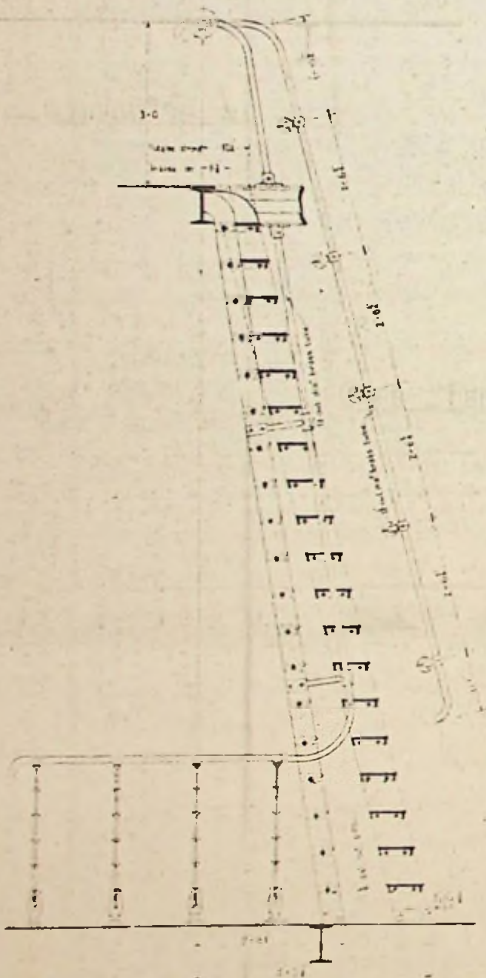
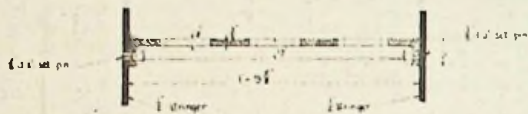
DRAWING NO 4289





Details of Stringer Steel s.g.

1 Full Size



CAPE PEMBROKE LIGHTHOUSE

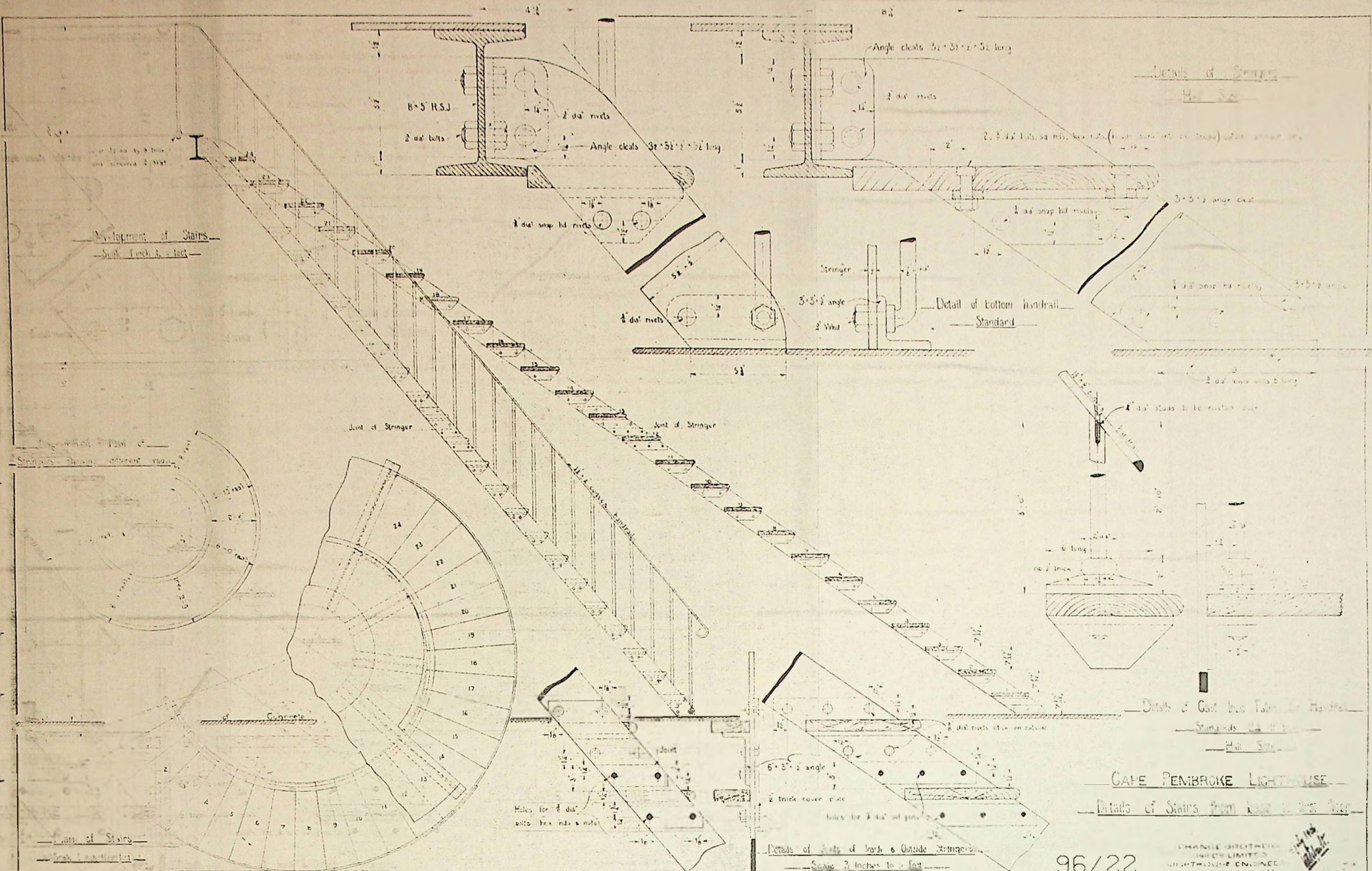
Design of Steel and Reinforcement

See Plans 96/20

96/21

DRAWING NO. C24759

FRANK BAILEY & CO. LTD.
 CIVIL ENGINEERS
 15, ABchurch Lane, LONDON, E.C. 4



Details of Stringer
Handrail

Detail of bottom handrail
Standard

Detail of Cast Iron Floor Plate
Stringer
Handrail

CAPE PEMBROKE LIGHTHOUSE
Details of Stairs from base to top floor

Details of Joint of Inside Stringer
Scale 3/4 inch = 1 foot

96/22

CHARLES BROTHERS
LIMITED
ARCHITECTS & ENGINEERS
11, ABchurch Lane, LONDON, E.C. 4

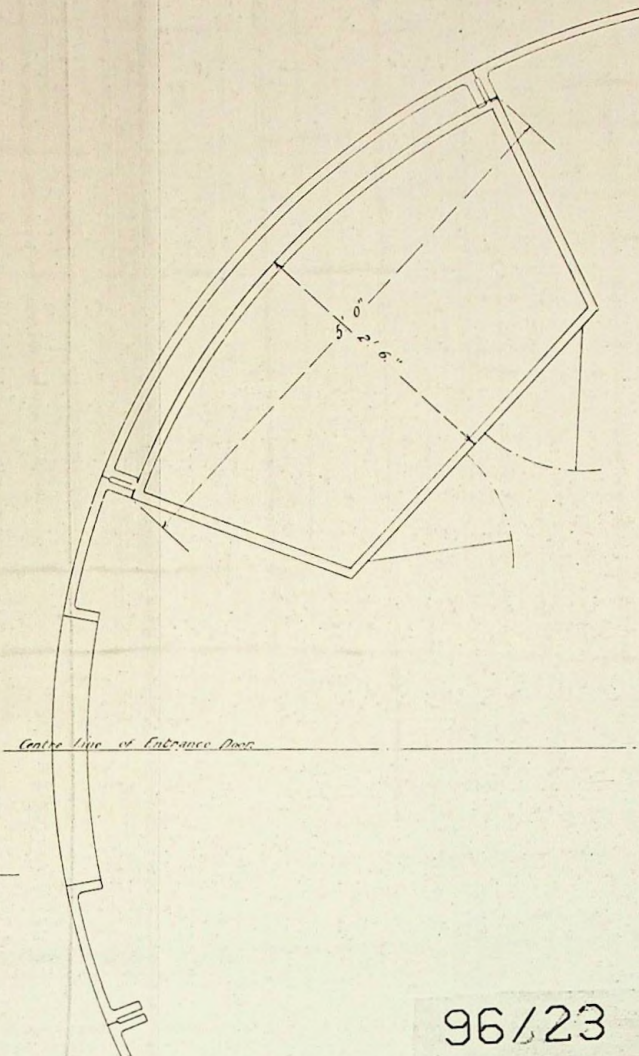
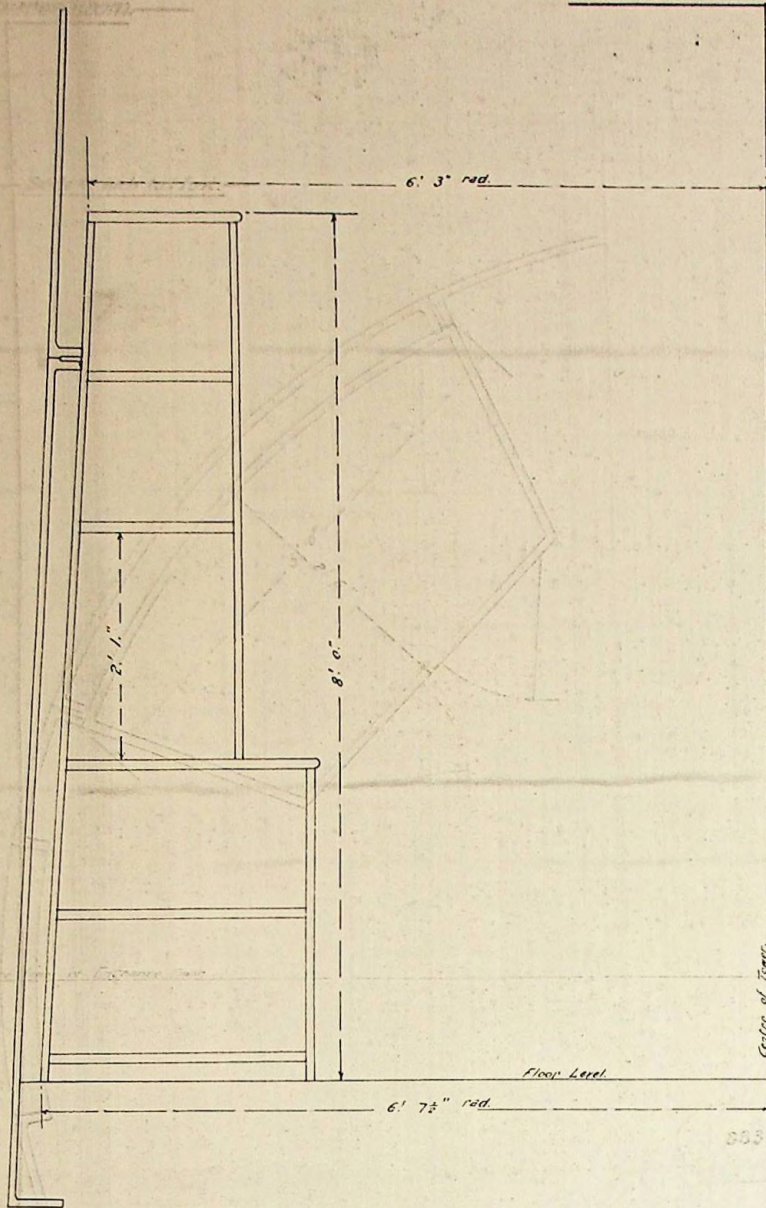
DRAWING NO. C 25032

96/22
13-94

Cape Pembroke Lighthouse.

New Store Closet for Entrance Room.

Scale 1/4 inch to 1 foot.



8834

96/23

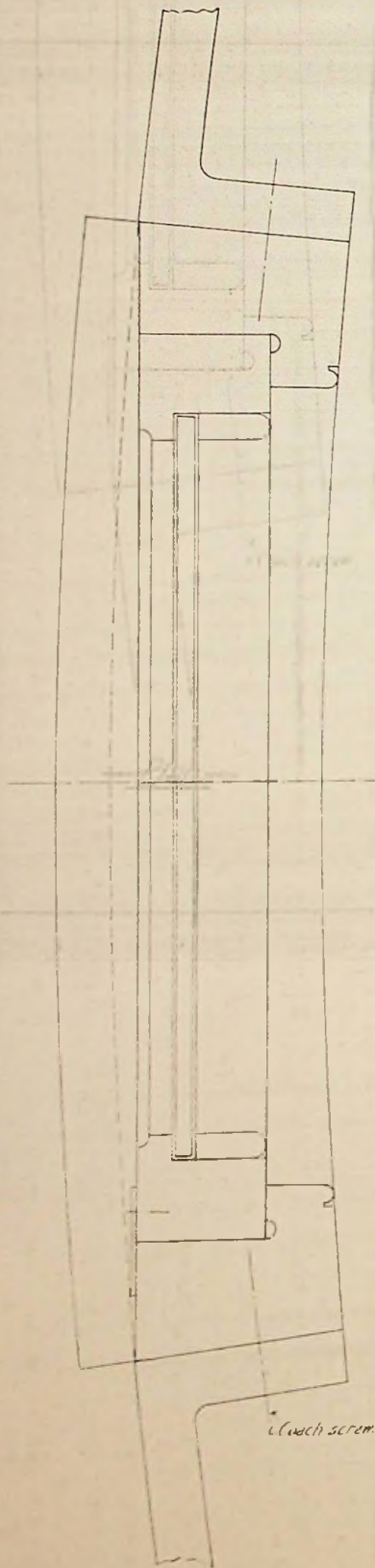
96/23

J. Matthews
20 May 1906.

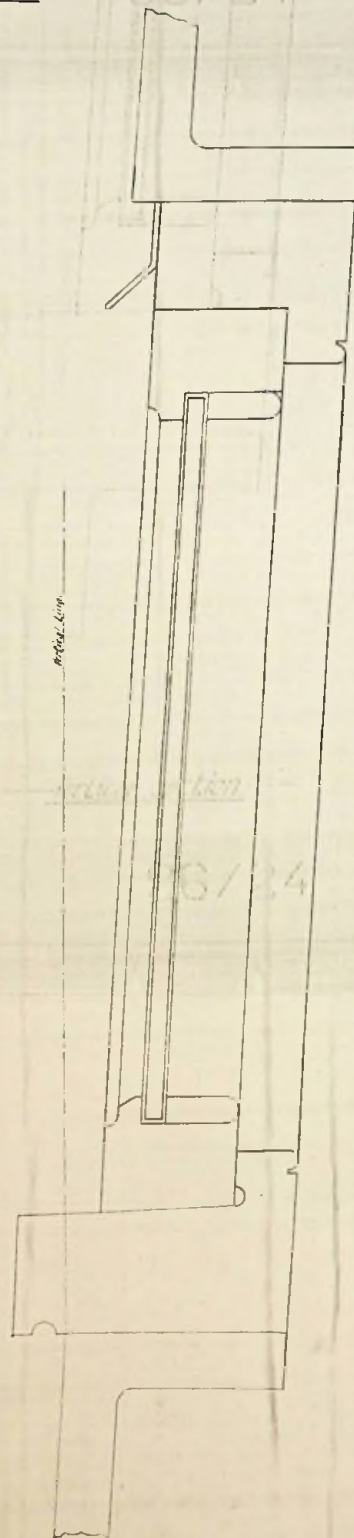
CAPE PEMBROKE LIGHTHOUSE

New Windows for Tower.

Full Size



each screen.



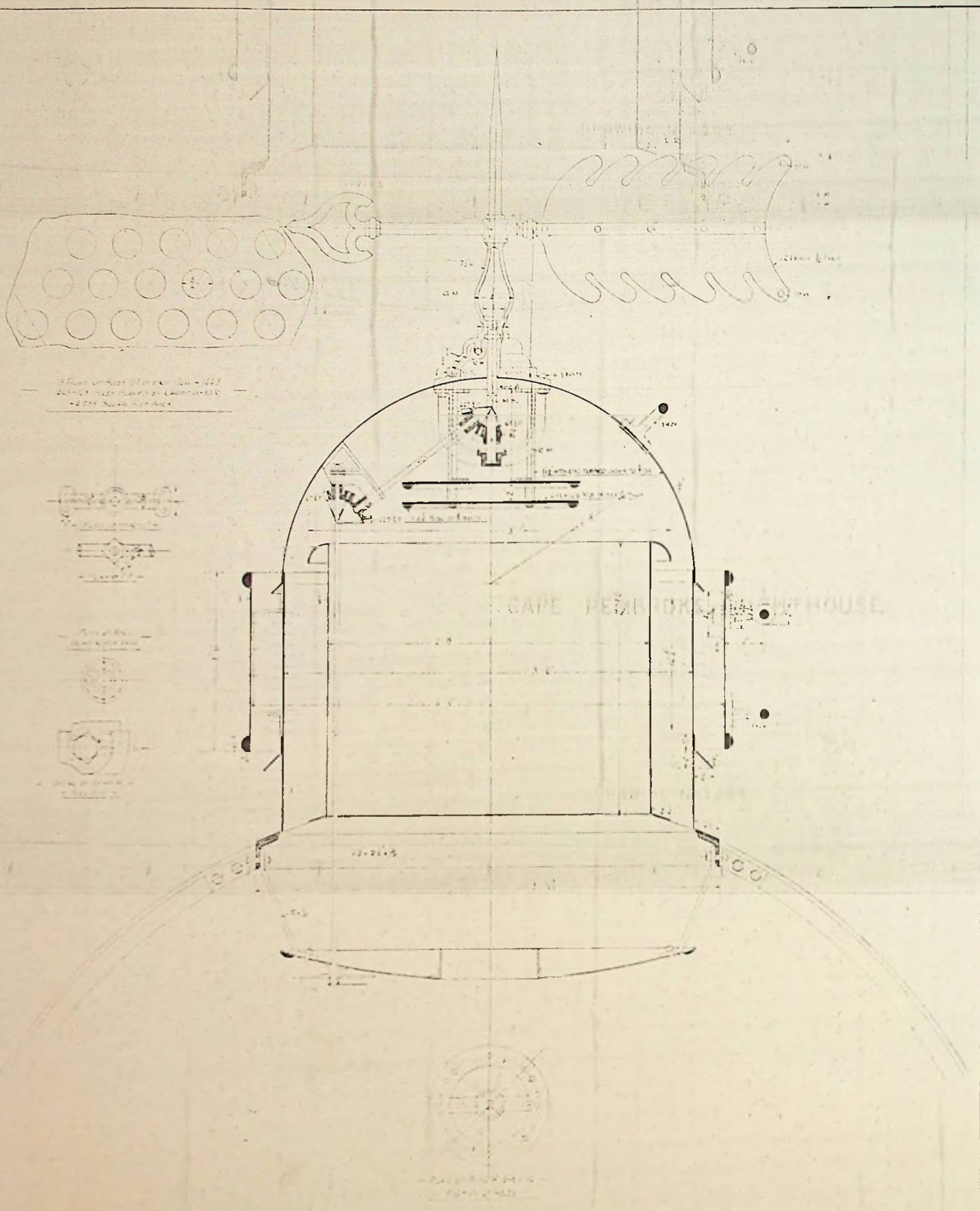
Plan.

Vertical Section

96/24

8832

*J. Matthews
25 Nov 1900.*



CAPE PEMBROKE LIGHTHOUSE

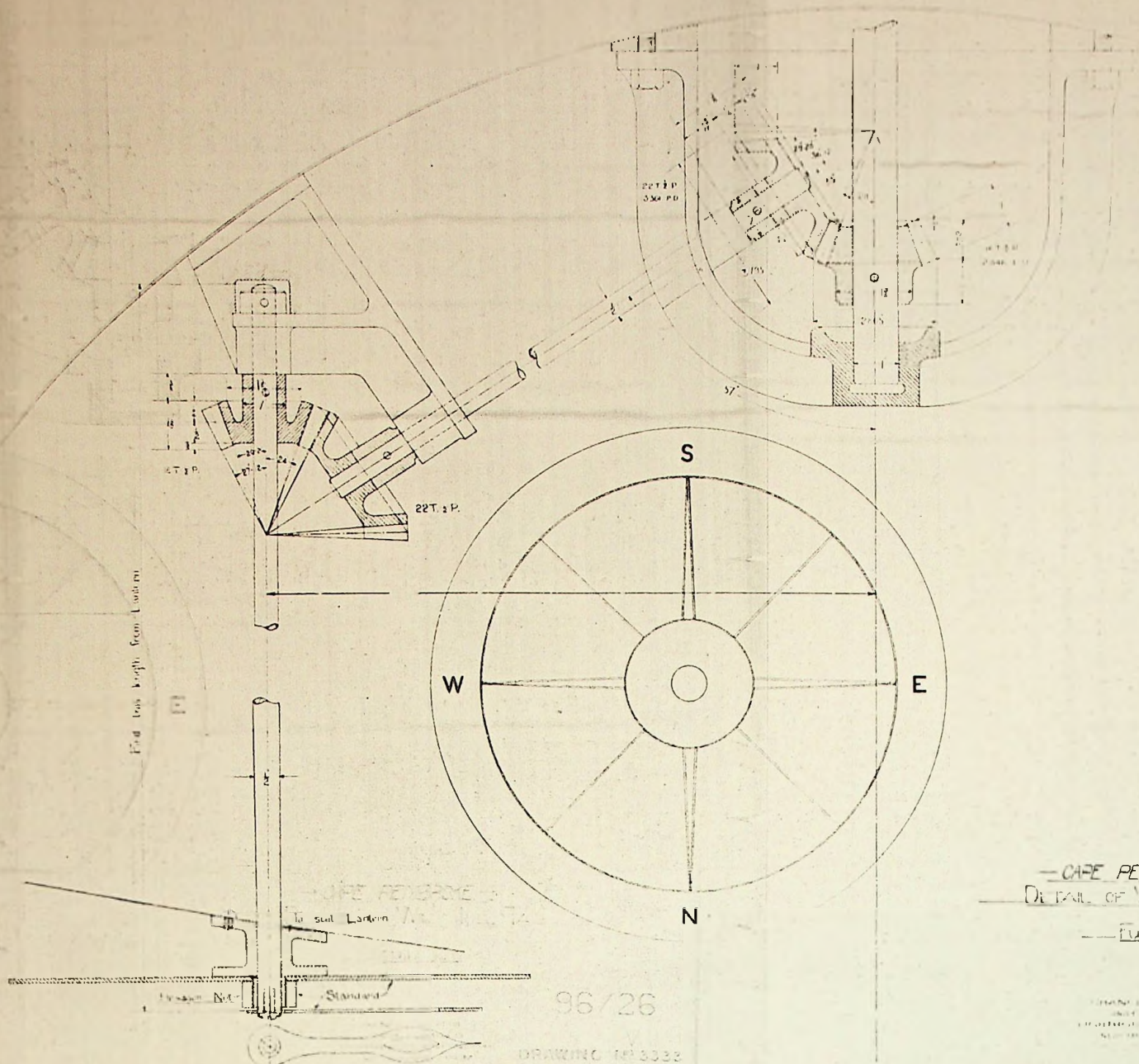
DETAILS OF ROOF VENTILATOR

SCALE 3/16" = 1"

SHAW-WALKER ENGINEERS
ARCHITECTS AND ENGINEERS
100 BROADWAY

96/25

DRAWING NO. 4388



—CAPE PEMBROKE—
 DETAIL OF WINDMILL TAIL

—Full Size—

96/26

DRAWING No 3333

96/26

96/26

DRAWING No 3333

A4
 A3
 A2
 A1

A1

A2

A3

A4

A1

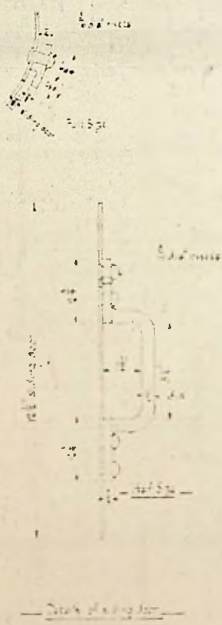
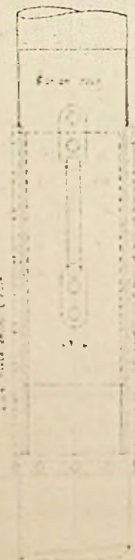
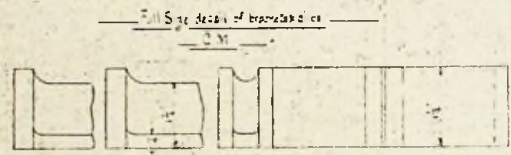
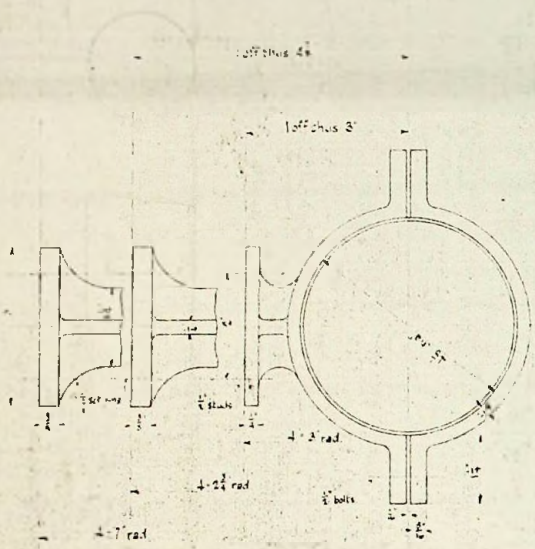
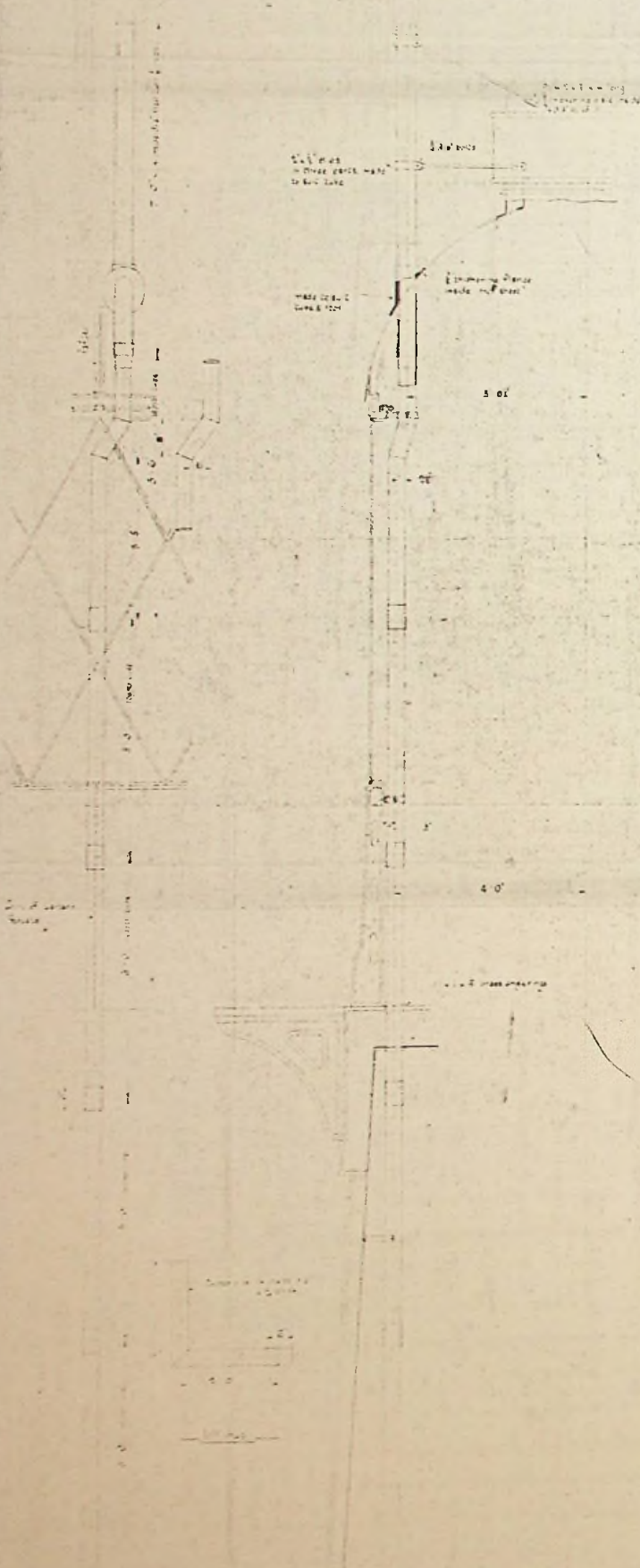
A2

A3

A4

96/28

CAPE PEMBROKE LIGHTHOUSE



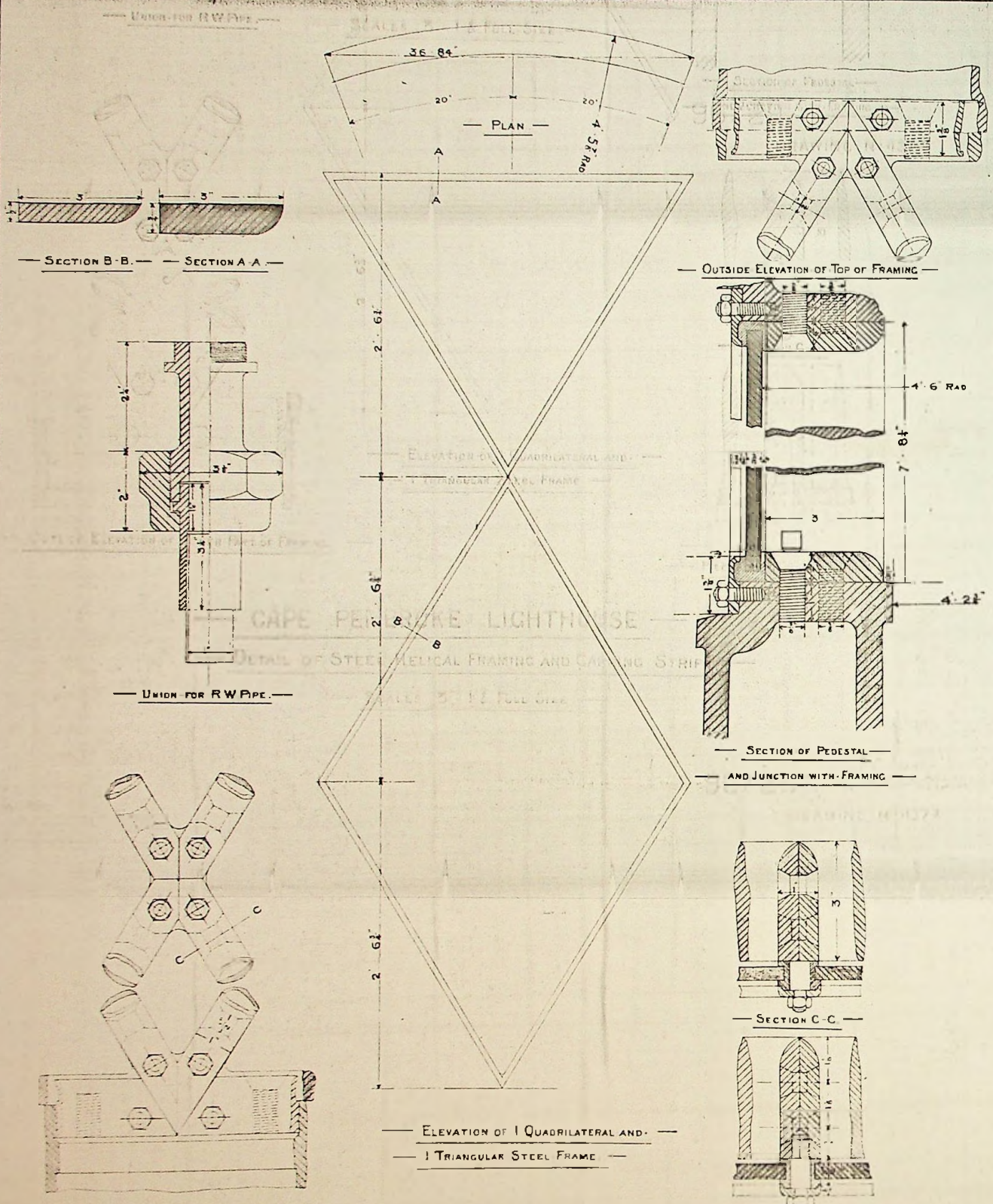
96/28

CAPE PEMBROKE LIGHTHOUSE.

Details of Frame

THE NEW ZEALAND ROYAL ENGINEERING COMPANY LIMITED
 ENGINEERS AND ARCHITECTS
 100, QUEEN STREET, SYDNEY

DRAWING No. C 24956



— CAPE PEMBROKE LIGHTHOUSE —

— DETAIL OF STEEL HELICAL FRAMING AND CAPPING STRIPS —

— SCALES 3" = 1' & FULL SIZE —

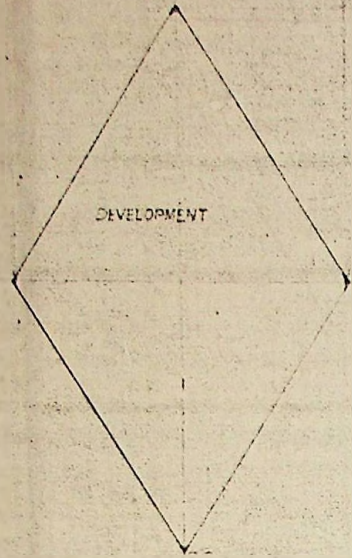
96/29

FRANK BROTHERS
 & CO. LIMITED
 LANTERN ENGINEERS
 10, BATHURST PLACE

DRAWING NO 4377

37 7/8" ACROSS POINTS IN FLAT

37" ACROSS ROUNDS IN FLAT

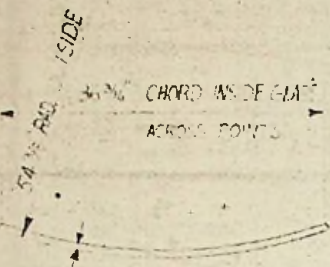


59 1/16" ACROSS ROUNDS

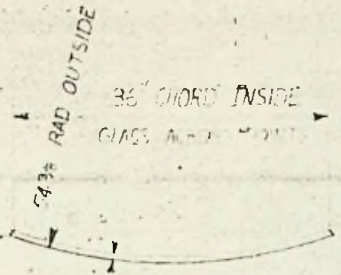
60 1/4" ACROSS POINTS

36 5/8" ACROSS POINTS IN FLAT

36 1/2" ACROSS ROUNDS IN FLAT



3/8" POLISHED PLATE, 1/8" ROUNDS OFF



3/8" POLISHED PLATE, 1/8" ROUNDS OFF

96/30

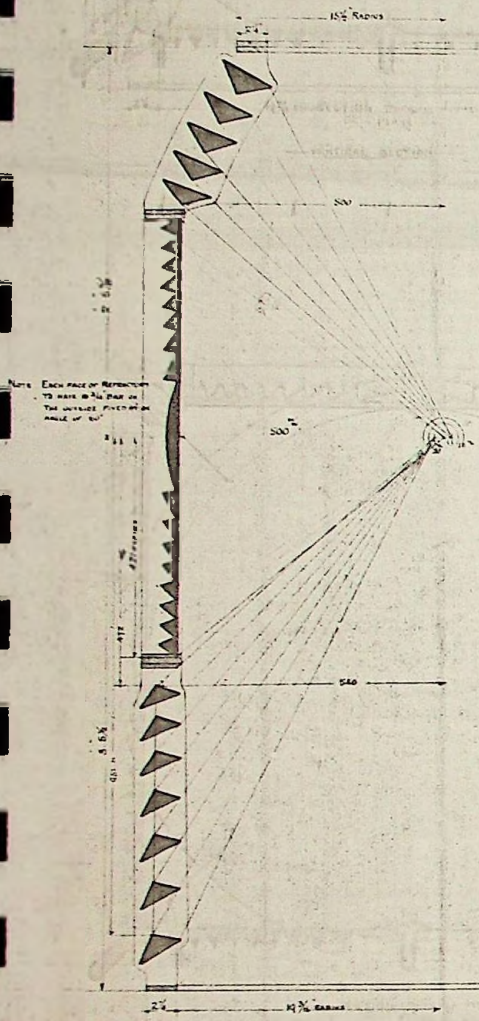
DRG No F1/19

SCALE	1 inch = 1 foot.
AMENDMENTS	

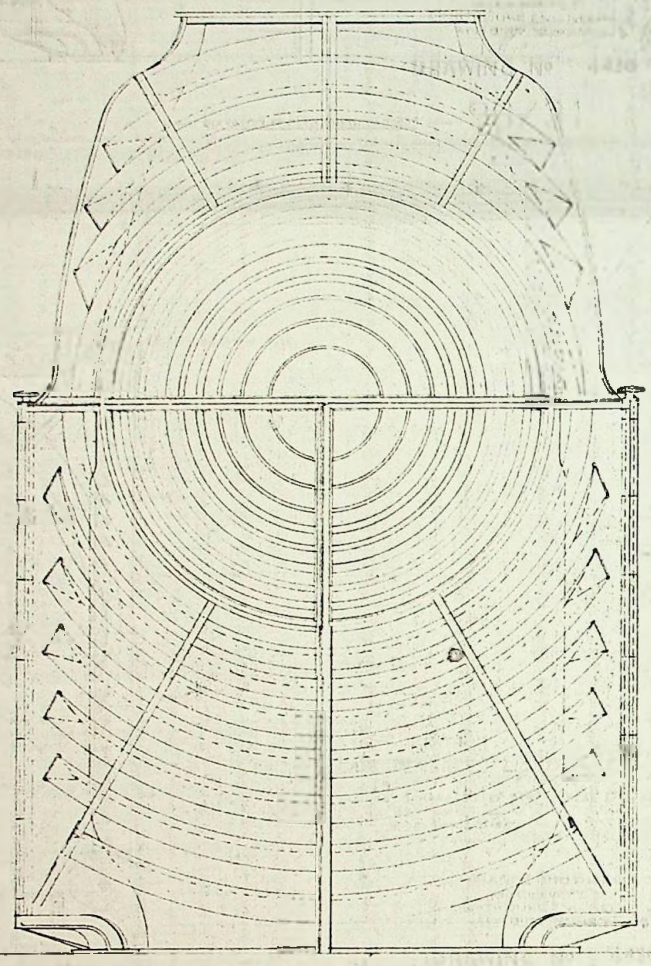
LANTERN PANES FOR CAPE PEMBROKE

TRINITY HOUSE
ENGINEER-IN-CHIEF'S DEPT.
TOWER HILL, LONDON, E.C.3.

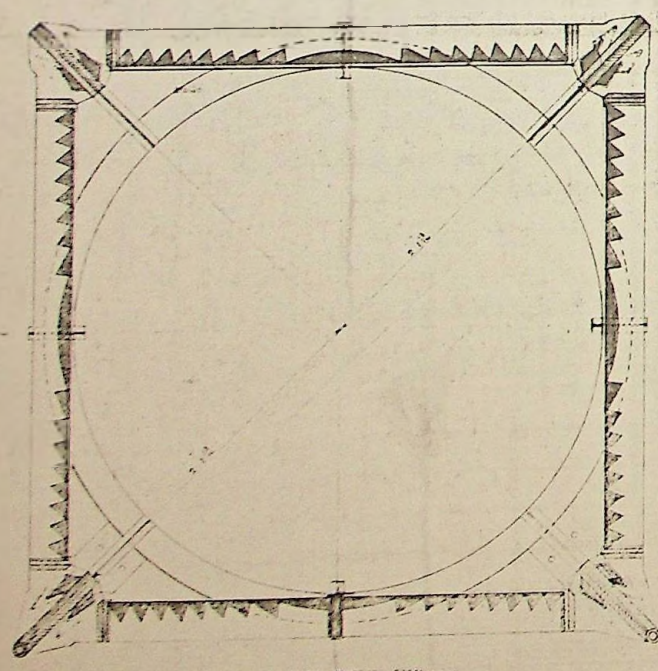
DRAWN	D. Jones
DATE	11.2.50
APPROVED	[Signature]
DRG. No	612



— VERTICAL SECTION —



— ELEVATION OF PANEL SHOWING DOORS —



— SECTION THROUGH FOCAL PLANE —

— CAPE PEMBROKE LIGHTHOUSE —
 — SINGLE FLASHING APPARATUS OF 500" FOCAL DISTANCE —
 — FULL SIZE —

CHANCE BROTHERS
 AND CO. LIMITED
 LIGHTHOUSE ENGINEERS
 24, BISHOPSGATE, LONDON, E.C. 4A

DRAWING No 4436

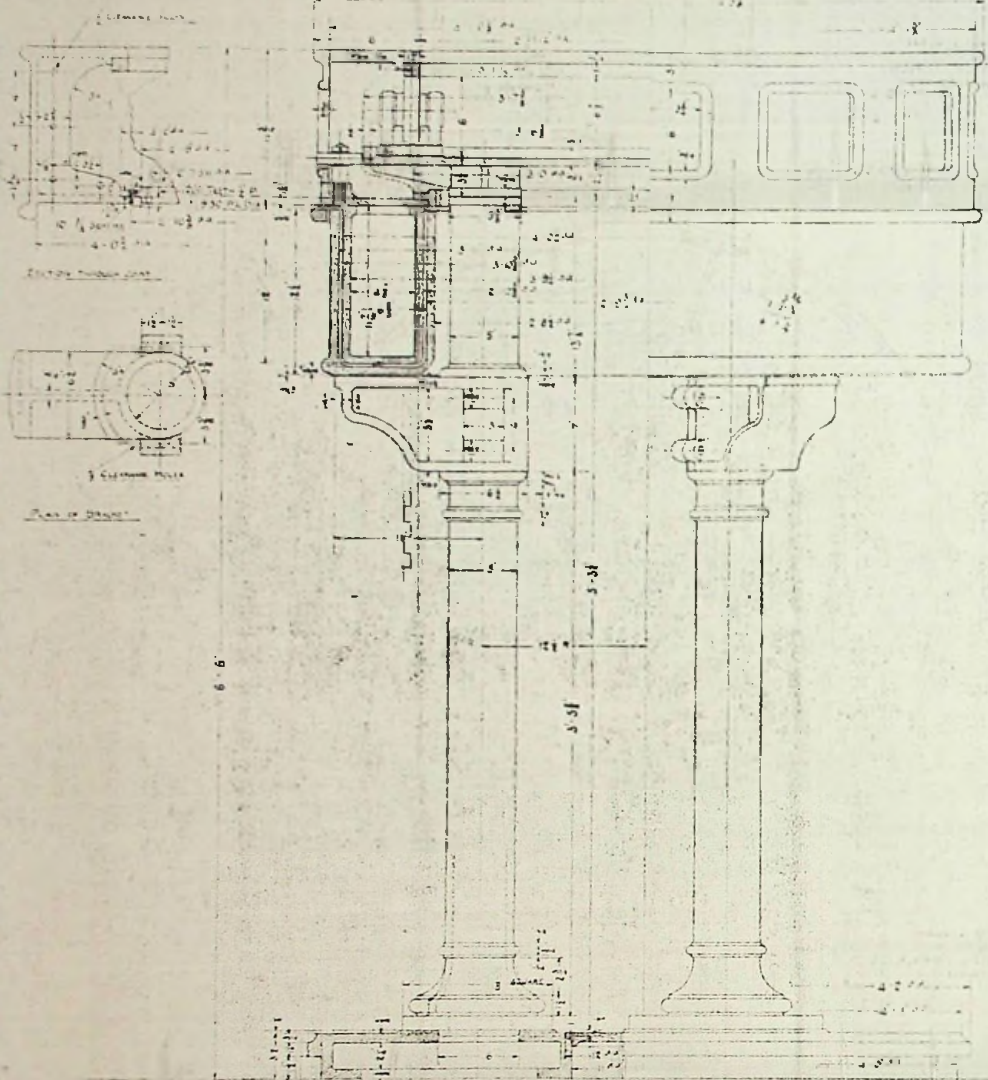
96/31

MERCURY PEDESTAL SUITABLE FOR 3RD ORDER APPARATUS

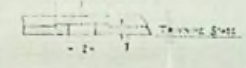
TRINITY HOUSE TYPE

SCALE 3/16" = 1"

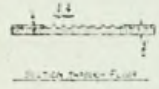
96/32



DRAWING NO. 4542



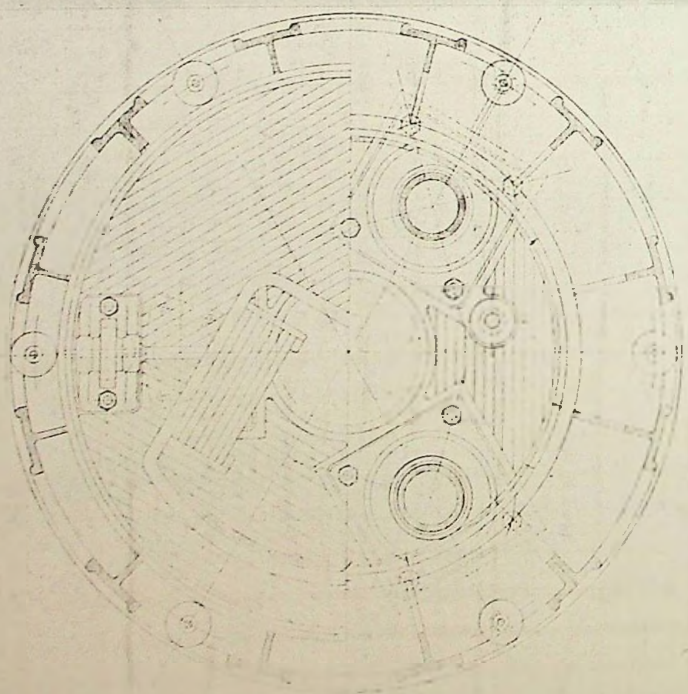
SECTION THROUGH BEARING FOR VERTICAL SH-111



SECTION THROUGH FOOT

96732

DRAWING NO. 4542



W. P. Roberts

96/32

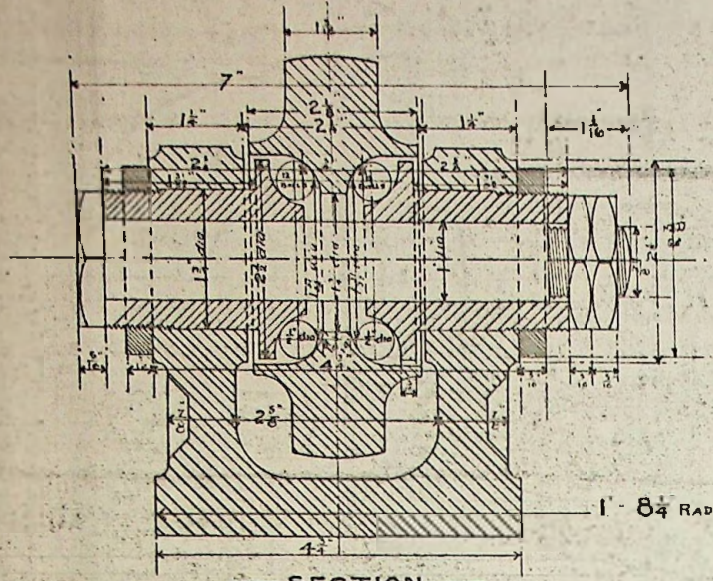
CHANCE BRITISH
ENGINEERING LIMITED
LIGHTING ENGINEERS
NEW BIRMINGHAM

DRAWING NO. 4542

21/11/22

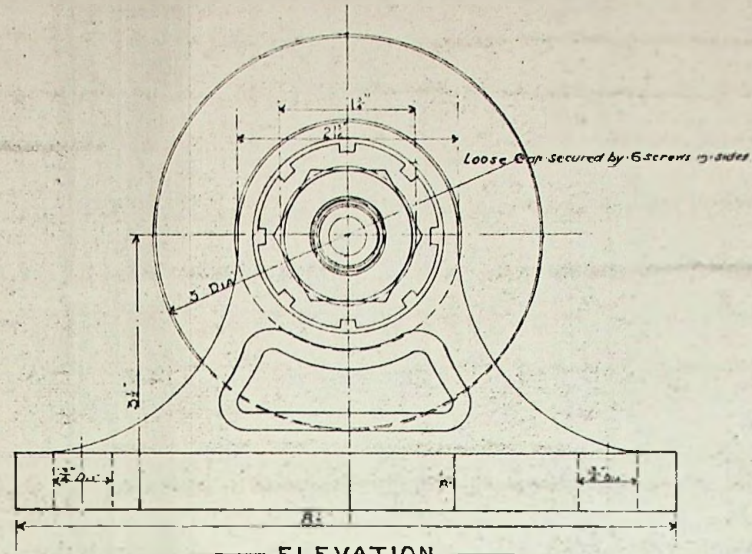
1 V 2 V 3 V 4 V 5 V 6 V 7 V

DETAIL OF THIRD ORDER PEDESTAL ROLLERS



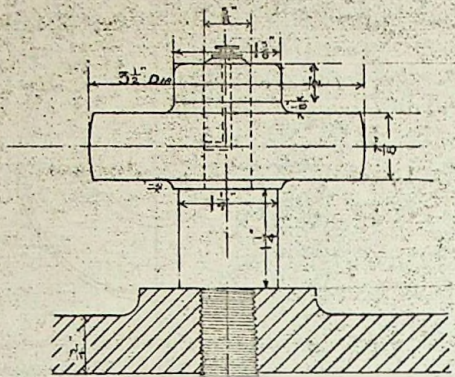
SECTION

3 OFF THIS



ELEVATION

VERTICAL ROLLERS WITH BALL BEARINGS

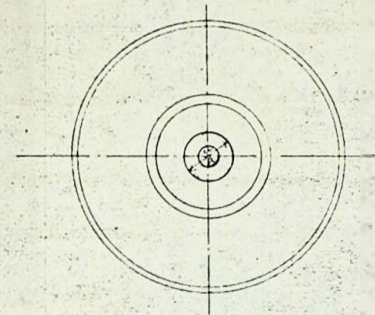


ELEVATION

6 OFF THIS

HORIZONTAL ROLLERS

SCALE - FULL SIZE



PLAN

10 Aug 1935
A.C. Smith

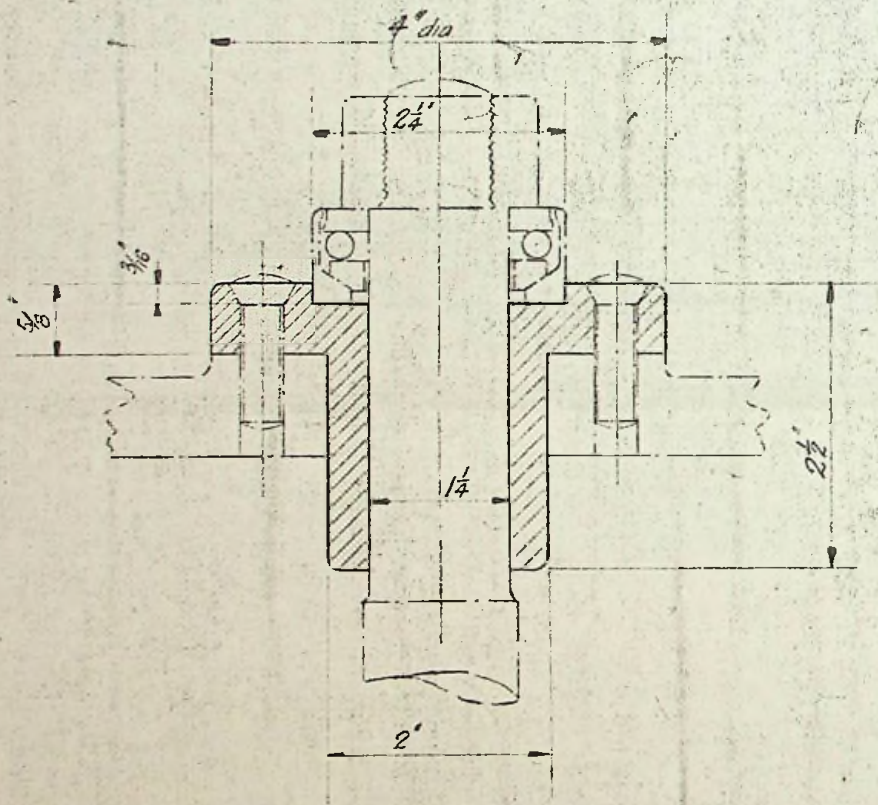
CHANGE BROTHERS
AND CO LIMITED
LIGHTHOUSE ENGINEERS
NEAR BIRMINGHAM

96/33

DRAWING No 4361

CAPE PEMBROKE L.H°

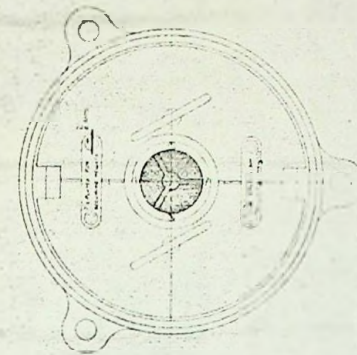
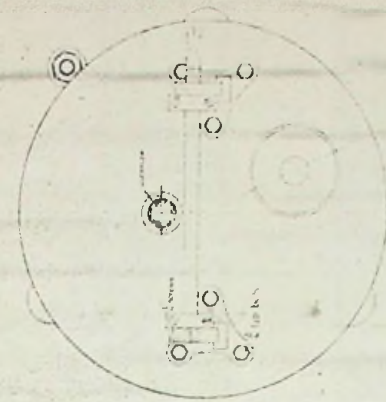
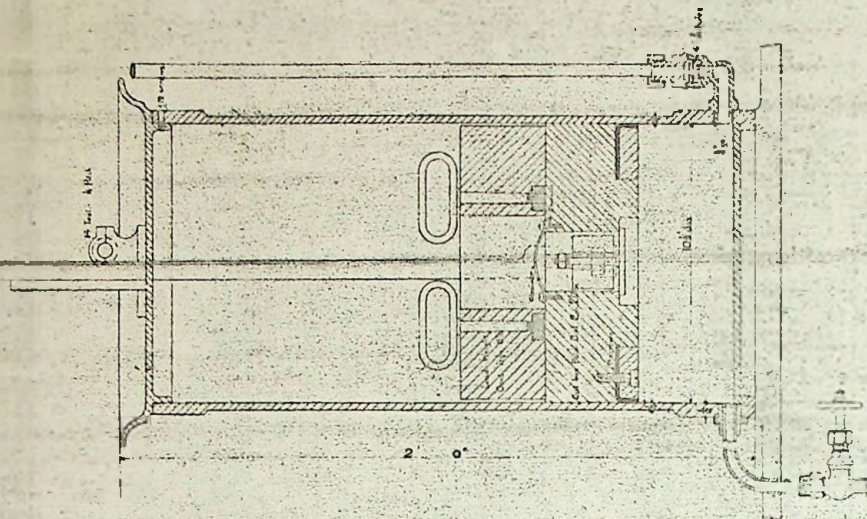
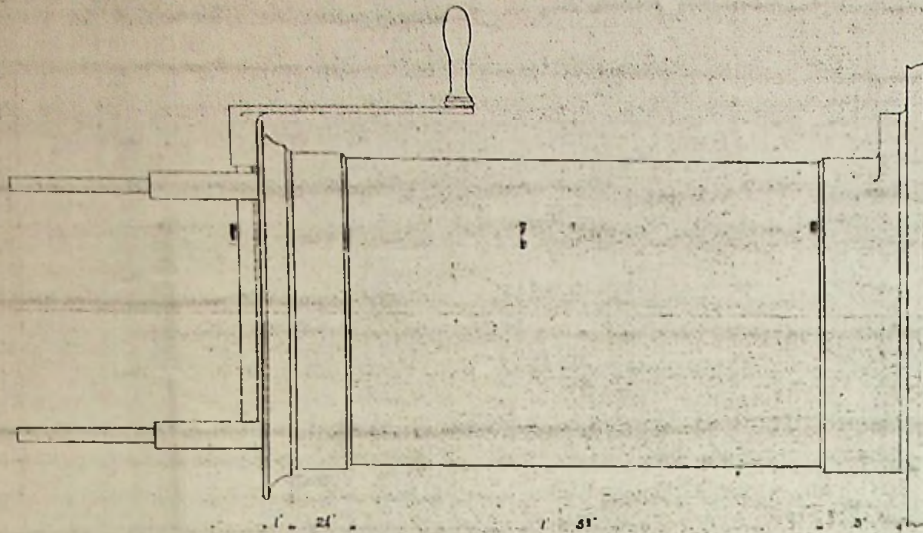
SKETCH of UPPER BEARING of DRIVING SHAFT



SK NO 4506/A

96/34

SEE CB Dwg No 4506



CAPE PEMBROKE LIGHTHOUSE

GENERAL ARRANGEMENT OF PRESSURE LAMP

Half Full Size
 CHANCE BROTHERS
 AND CO LIMITED
 LIGHTHOUSE ENGINEERS
 114-115 BIRMINGHAM

96/35

DRAWING No 4397

24/11/11
 W. J. H. J.

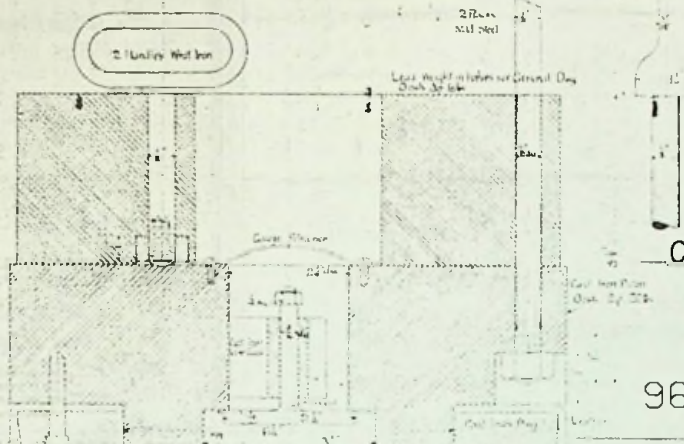
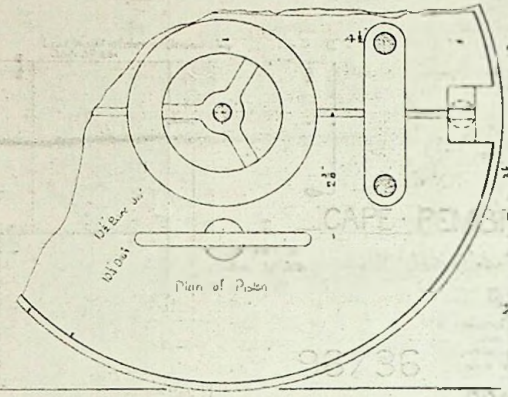
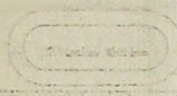
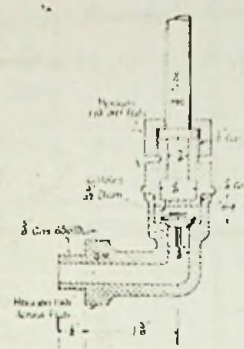
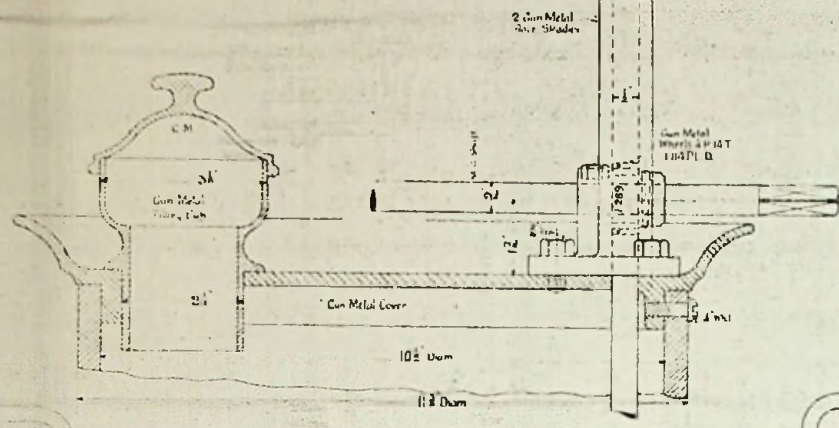
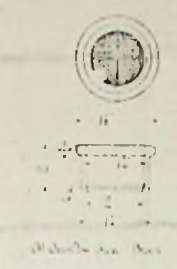
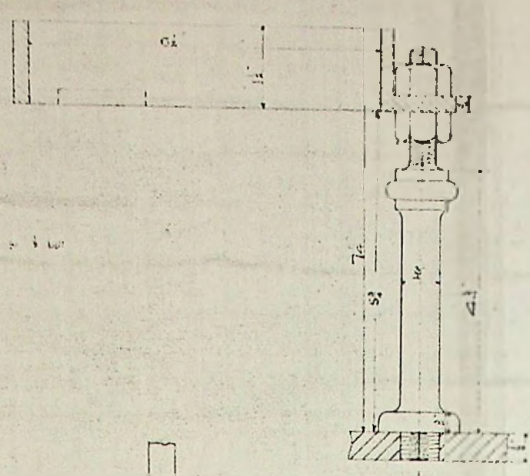
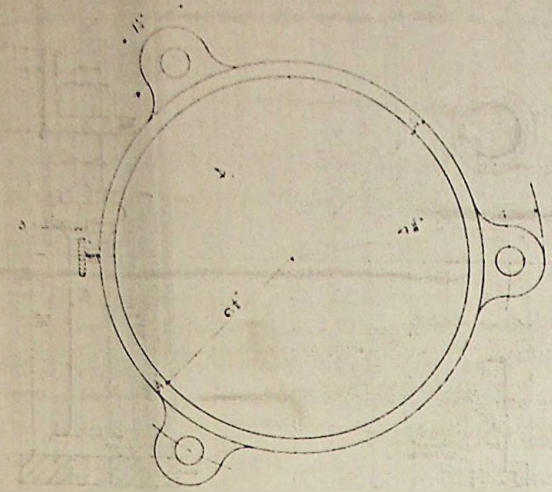
A 4

A 3

A 2

A 1

A1
A2
A3
A4
A3
A2
A1



CAPE PEMBROKE LIGHTHOUSE

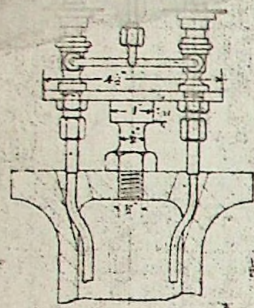
DETAILS OF GALVANIZED IRON

Full-Size
CHANCE BROTHERS
ENGINEERS LIMITED
PETROLEUM ENGINEERS
NEW BIRMINGHAM

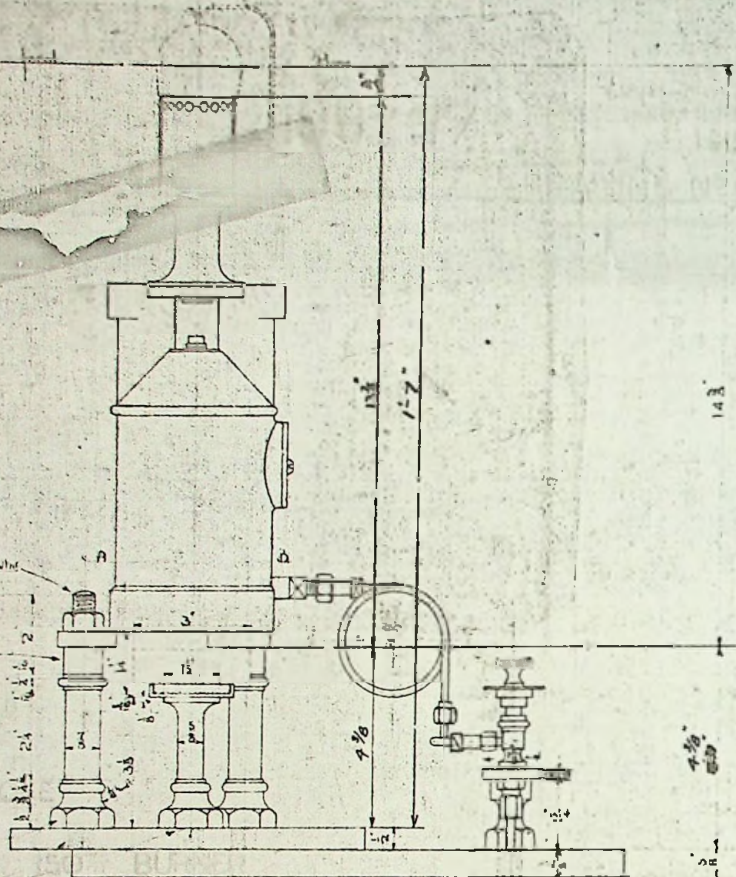
20/6/1925
1/1/1926

96/36

DRAWING NO 4396



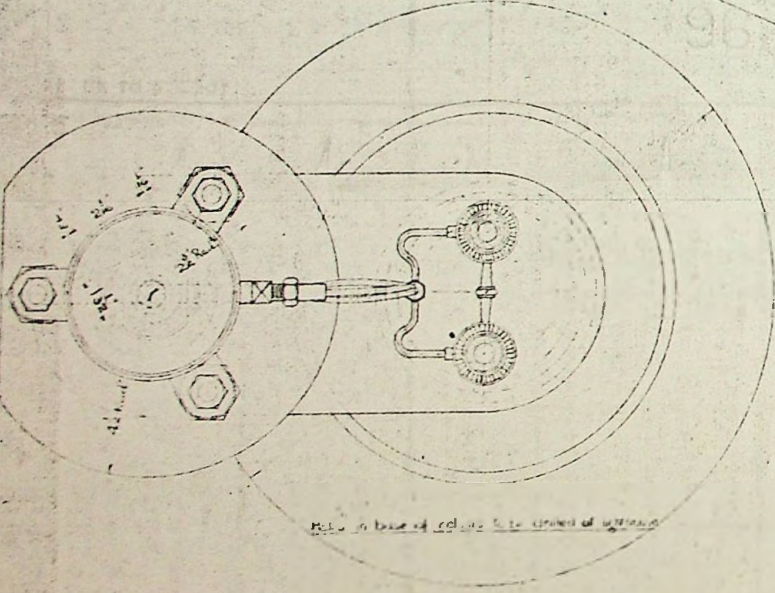
8 Collars to be fixed when burner is permanently installed



CAPE PEMBROKE

1 hex. nut 15 cone fast.

to fit 1/8" opening edge of 1/4" dia. collar to collar fitting

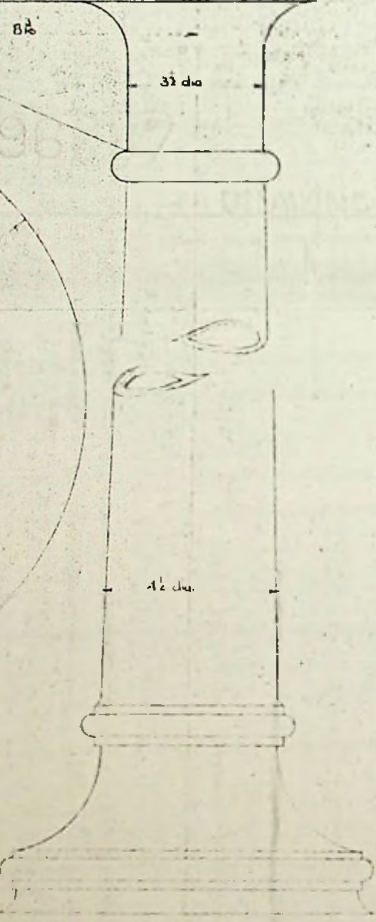


Note in base of column to be covered at all times

PLAN Through A.B

CAPE PEMBROKE

DETAIL OF STAND FOR 50th BURNER



25"

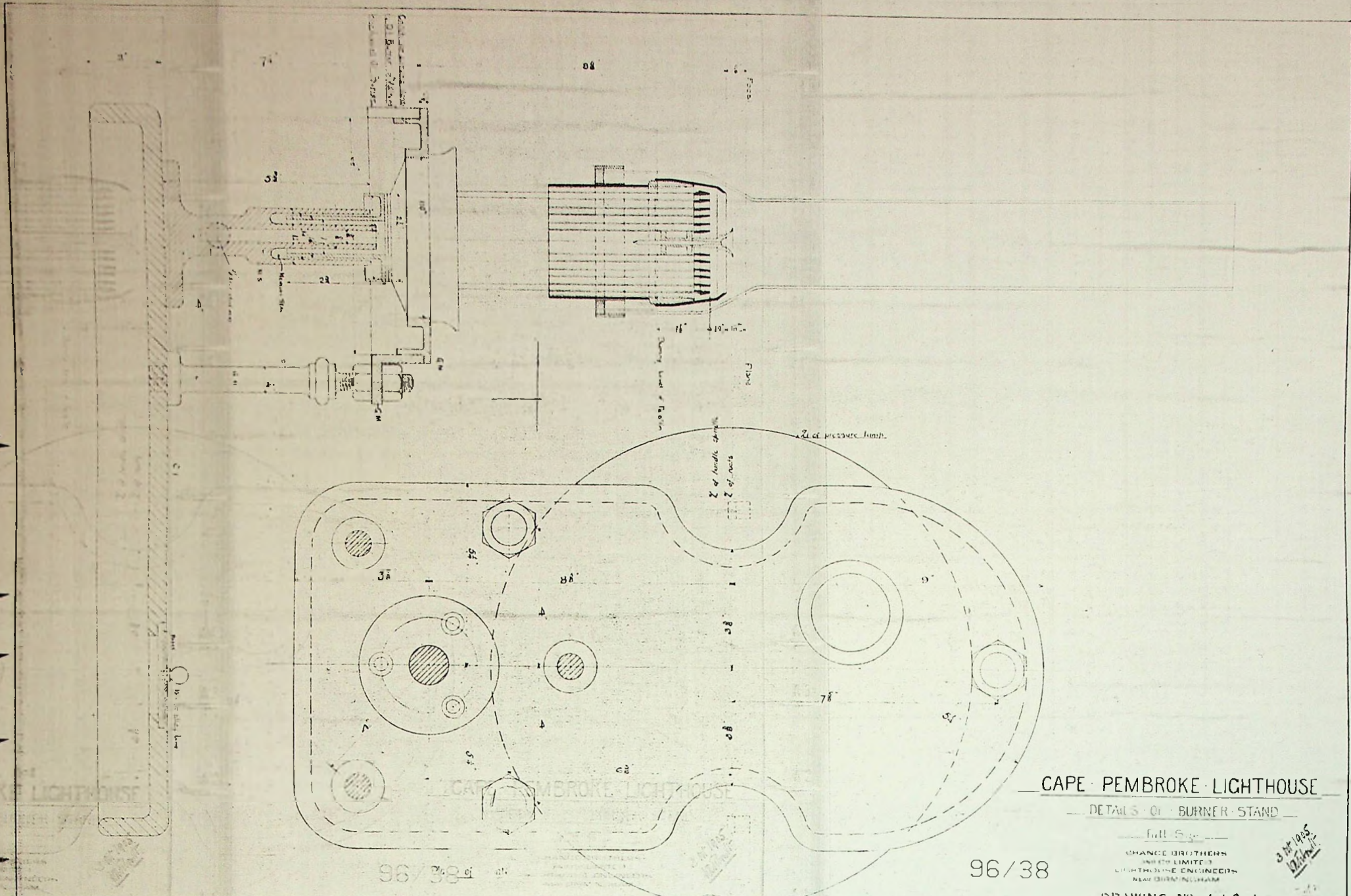
CHANCE BROTHERS
AND CO LIMITED.
LIGHTHOUSE ENGINEERS
NEAR BIRMINGHAM

96/37

16 JUL 1923

DRAWING N° G 33727

SCALE 6 IN. TO A FOOT



CAPE PEMBROKE LIGHTHOUSE

DETAILS OF BURNER STAND

Full Size

SHARPE BROTHERS
LIMITED
LIGHTHOUSE ENGINEERS
NEAR BURNHAM

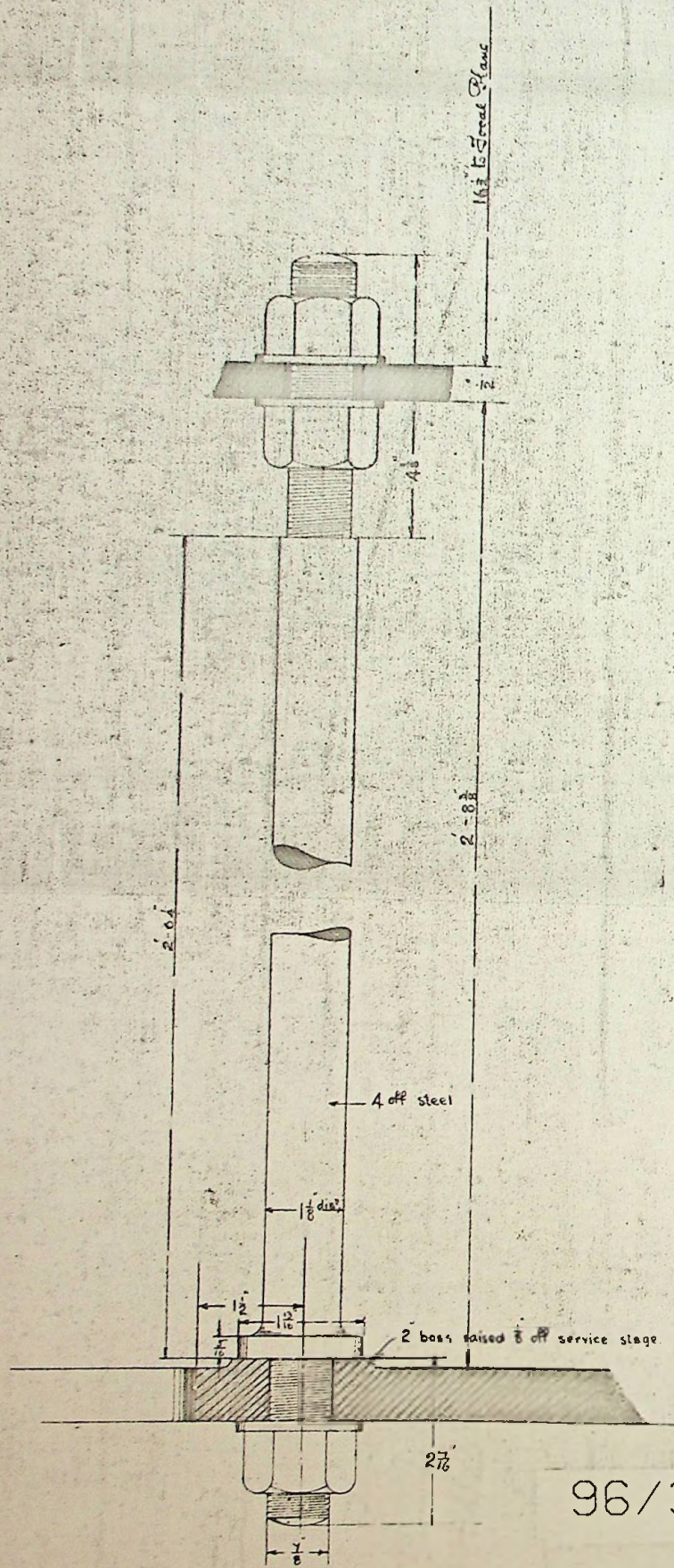
DRAWING NO. 4104

96/38

96/38

3 May 1905
J. H. S.

A1
A2
A3
A4
A4
A3
A2
A1



1 1/2" 16 Steel Plate

2 - 8 1/2"

4 off steel

1 1/8" dia.

2 boss raised 3/8" off service stage

2 7/8"

7/8"

— ~~COPY DRAWING~~ —
 — Standards for carrying burner stand —
 — Full Size —

21305
 H.T.

CHANGE BROTHERS
 AND CO LIMITED
 LIGHTHOUSE ENGINEERS
 NEAR BIRMINGHAM

96/39

DRAWING NO 4480

A

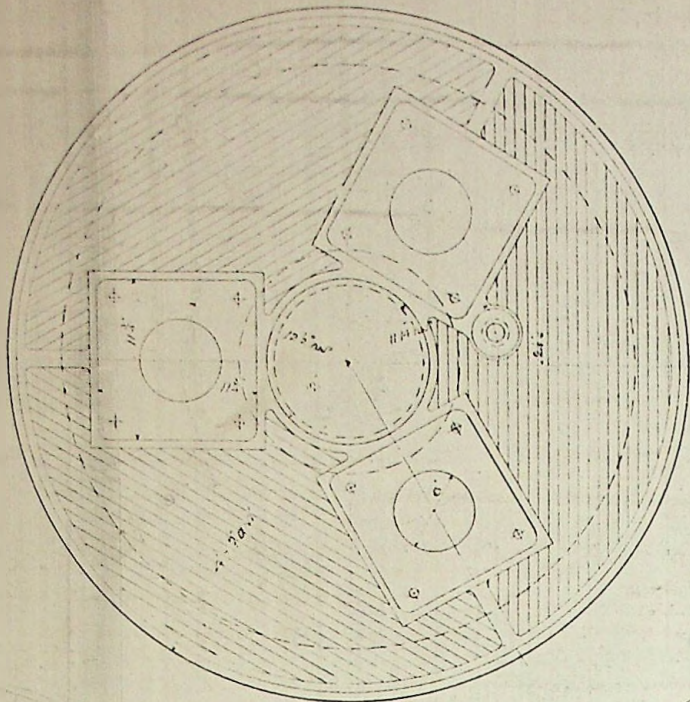
A3

A4

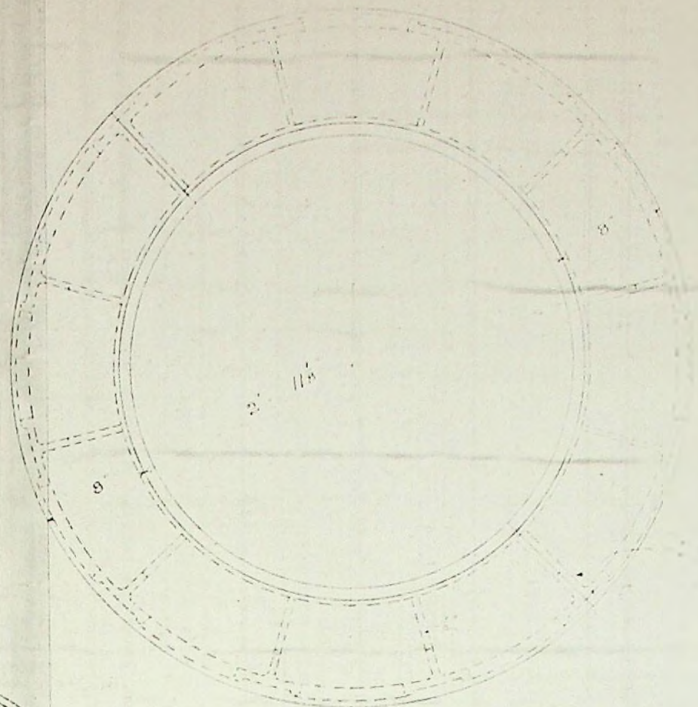
A4

A3

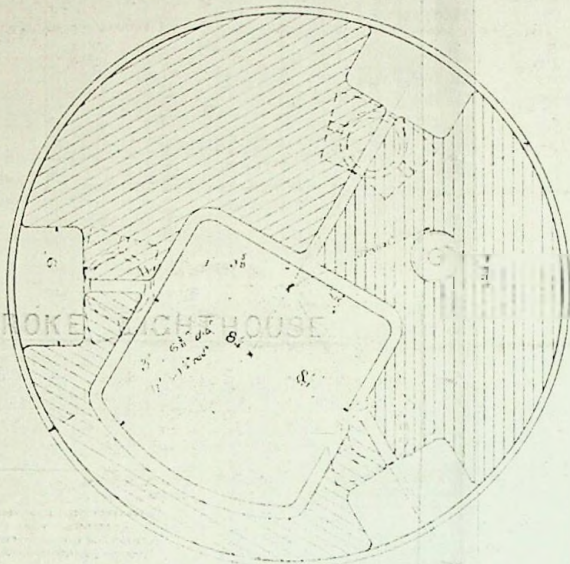
A2



PLAN OF BASE PLATE



PLAN OF TOP COVER



PLAN OF GLASS LENS

CAPE PEMBROKE LIGHTHOUSE

PLAN 3

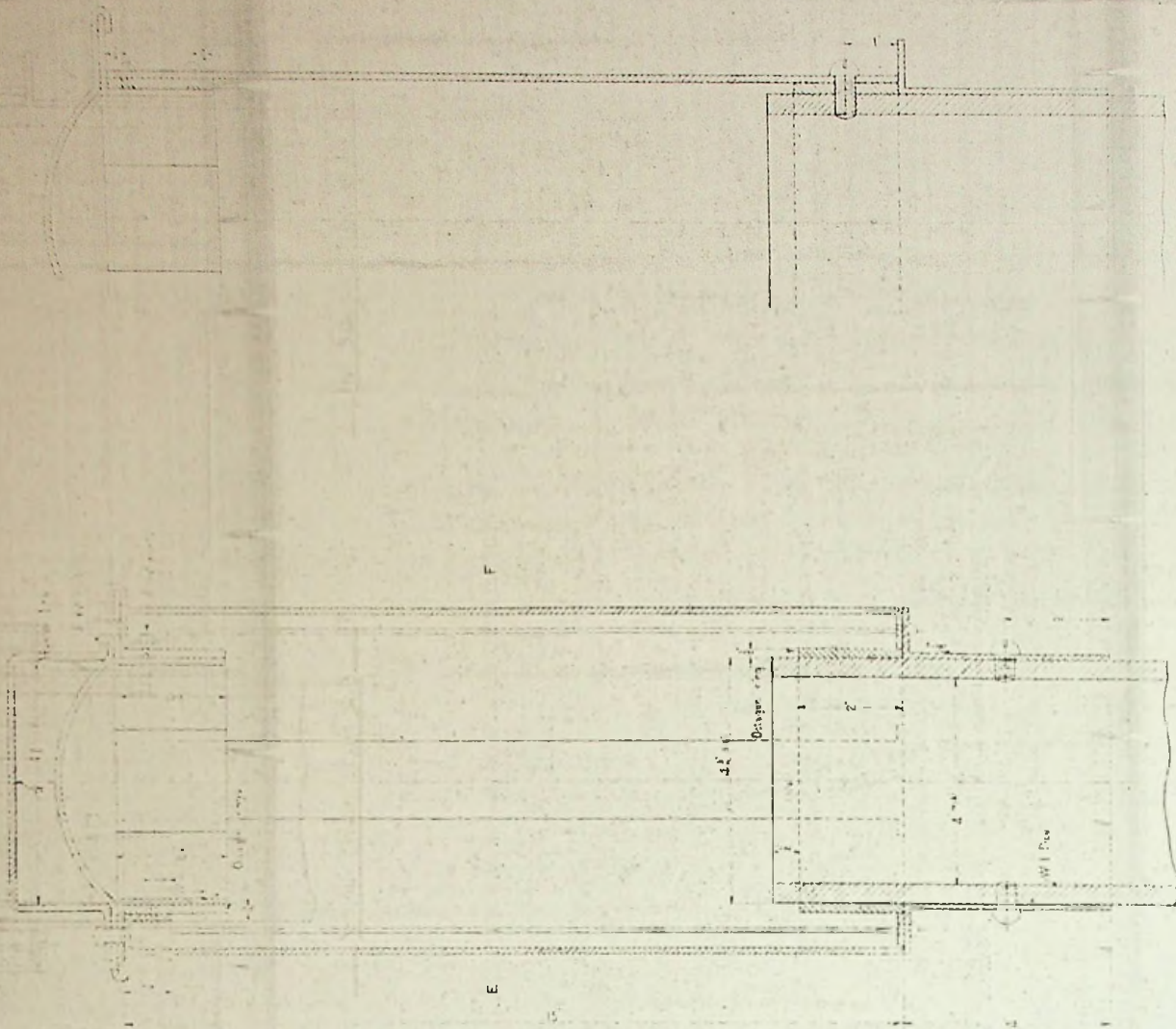
CAPE PEMBROKE LIGHTHOUSE

ENGINEERS
LIMITED
LONDON

96/40

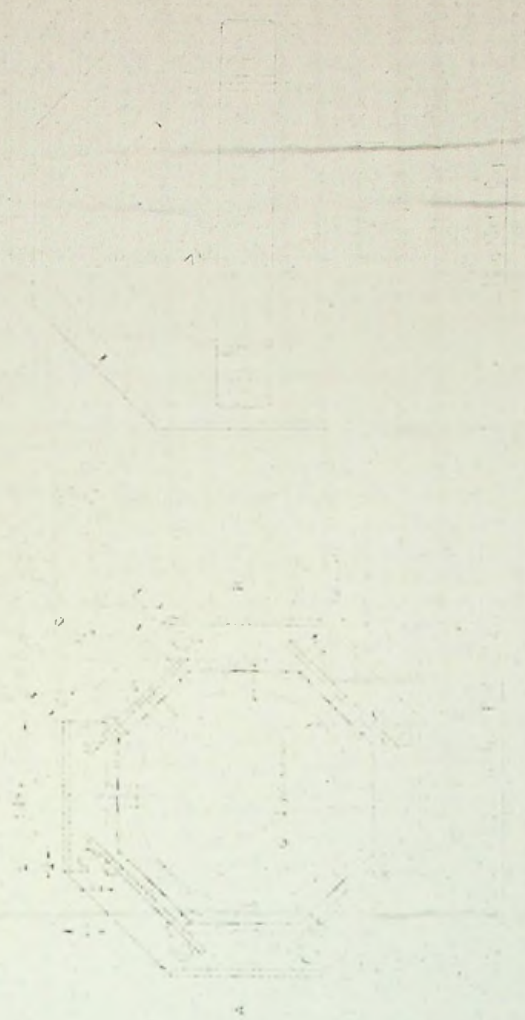
96/40

DRAWING NO. 4390



Sectional Elevation on line A-B

Half Sectional Elevation on line C-D



COPPER WINDCARD

Full Size

96/41

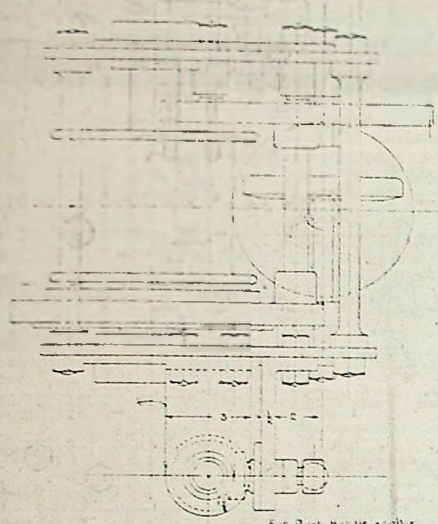
STANDARD DRAWING
 AND NOTE OF
 MATERIALS AND FINISH
 NEW BRUNSWICK

DRAWING NO. 12-1954

96/41

96/41

DRAWING NO. 4374

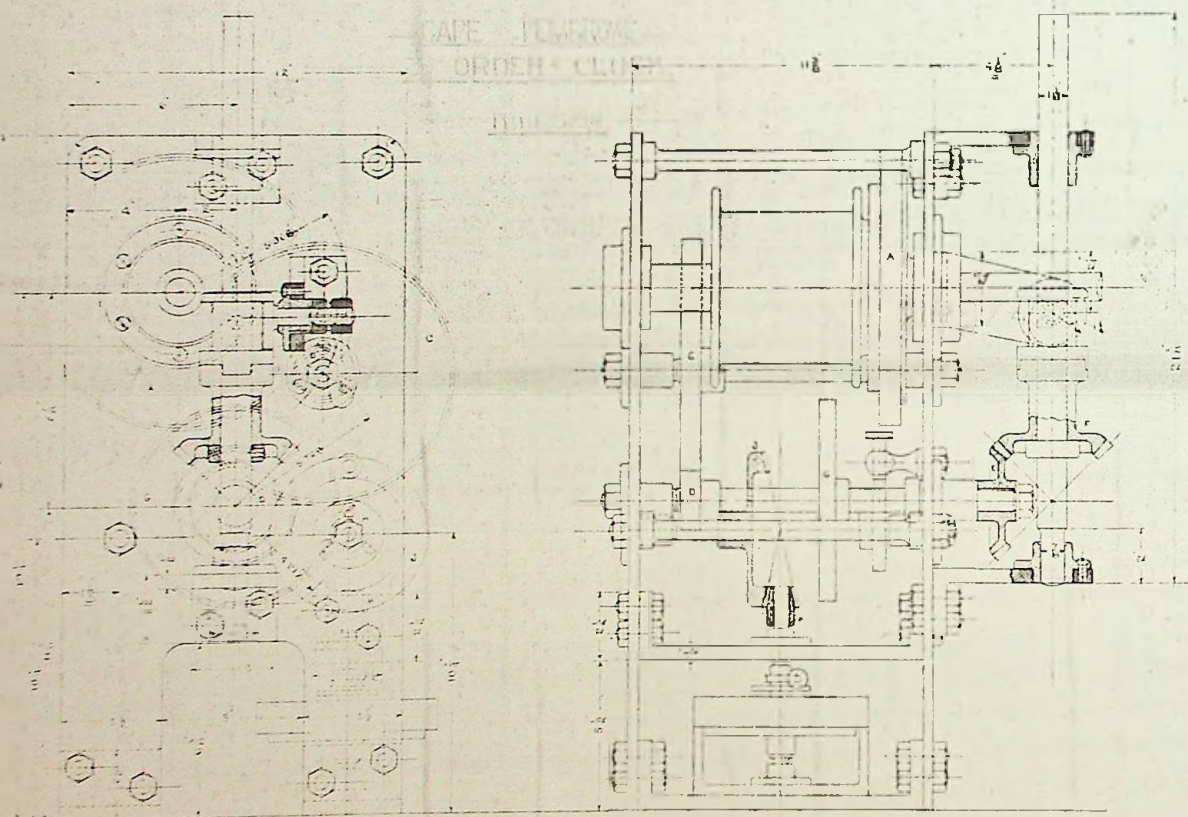


For Bush handle collar see Drawing 4375

Wheel	N ^o of Teeth	Pitch	Pitch dia	Revs per min	Remarks
A	84	$\frac{3}{4}$	10.026	130	G.M.
B	16	-	1.910	657	M.S.
C	80	-	9.540	-	G.M.
D	16	-	1.910	5	M.S.
E	36	-	4.297	-	G.M.
F	36	-	-	-	-
G	21	$\frac{1}{4}$	7.241	-	-
H	15	-	1.134	303	M.S.
J	72	-	5.725	-	G.M.
K	16	-	1.875	136	M.S.

Race Wheel, 800 teeth, $\frac{1}{2}$ pitch, 31.85 pitch dia
 Race Pinion, 60 teeth, $\frac{1}{2}$ pitch, 5.549
 Fall of weight per hour - 16-5 direct.
 Fall of Weight 20 feet per hour
 Driving Weight 145 lbs.

DRAWING NO. 4374



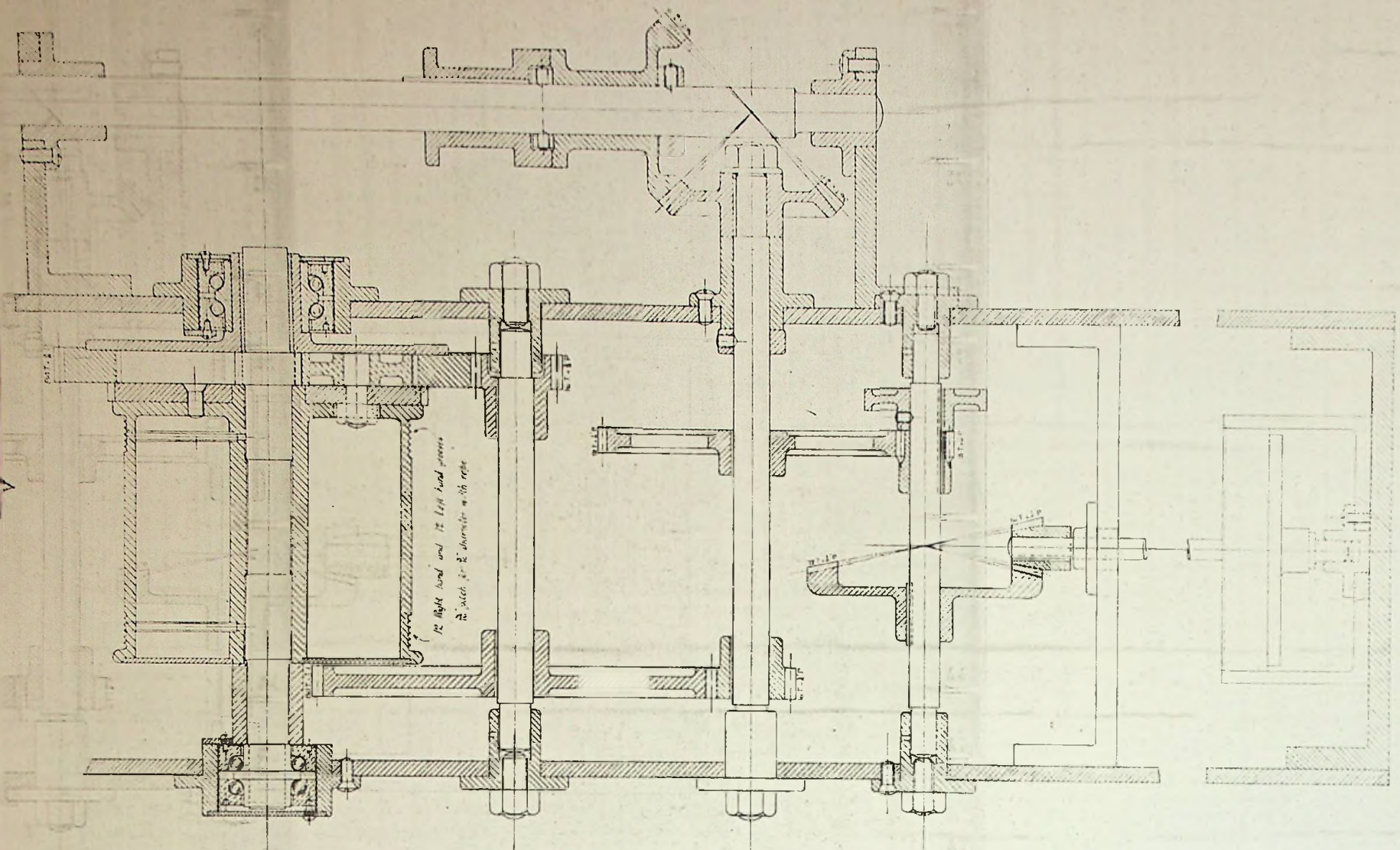
CAPE PEMBROKE
3rd ORDER CLOCK.

Half Size.

W. L. BENTLEY & CO.
ENGINEERS
100, BROADWAY
NEW YORK

W. L. BENTLEY & CO.
NEW YORK

DRAWING NO. 4374



DEVELOPED PLAN OF 3RD ORDER CLOCK

— DEVELOPED PLAN OF 3RD ORDER CLOCK

FULL SIZE

96/43

96/43

GRANGE BROTHERS
 & CO LIMITED
 LIGHTHOUSE ENGINEERS
 141 BIRMINGHAM

DRAWING NO 4368

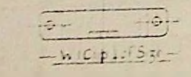
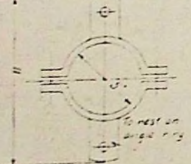
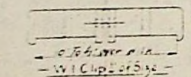
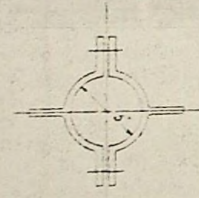
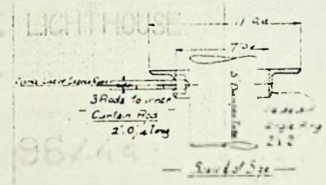
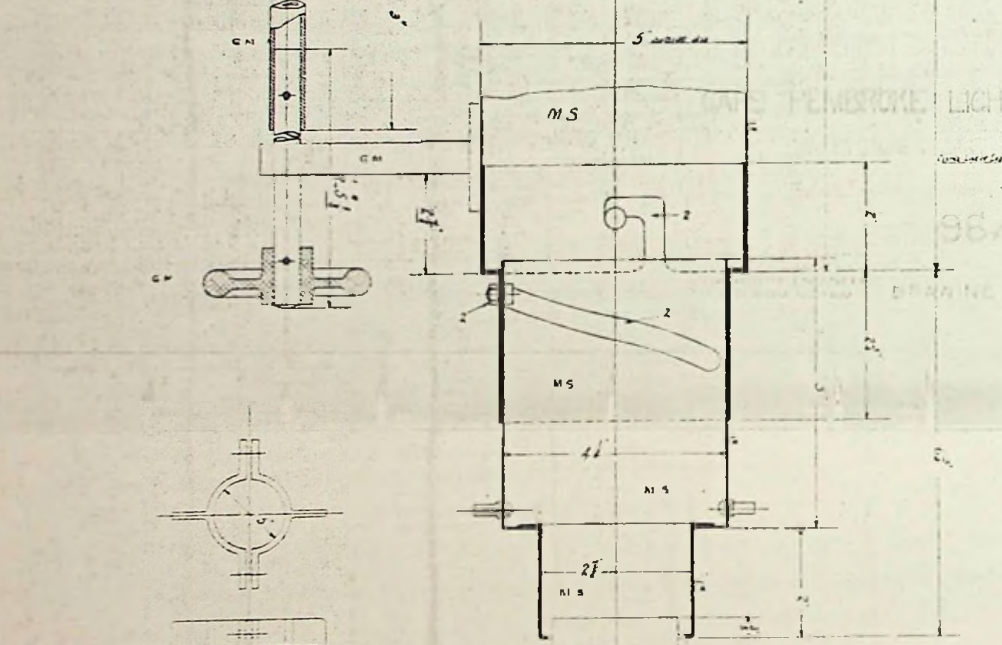
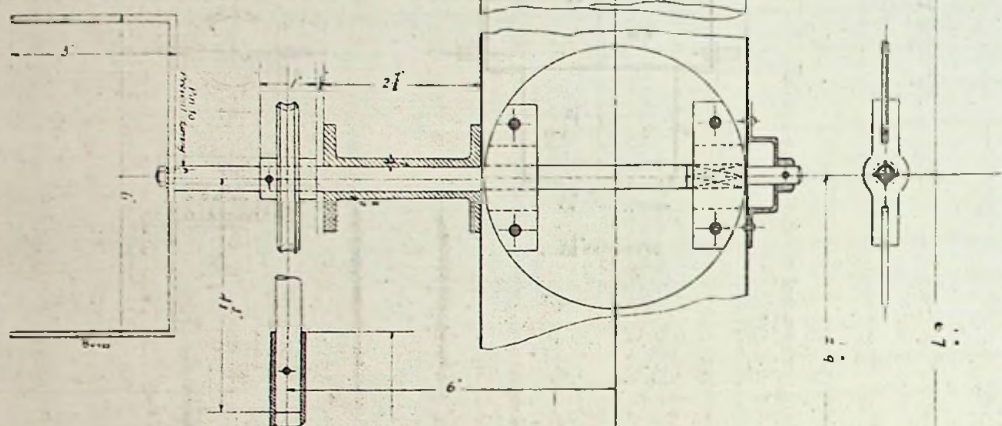
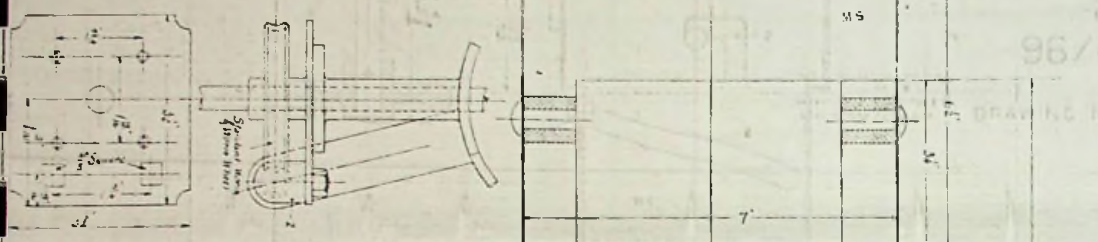
DRAWING NO 4368

A1
 A2
 A3
 A4
 A4
 A3
 A2
 A1

CAPE PEMBROKE LIGHTHOUSE

96/44

DRAWING NO 4417



CAPE PEMBROKE LIGHTHOUSE

— DWYER TUBE & LEAF —

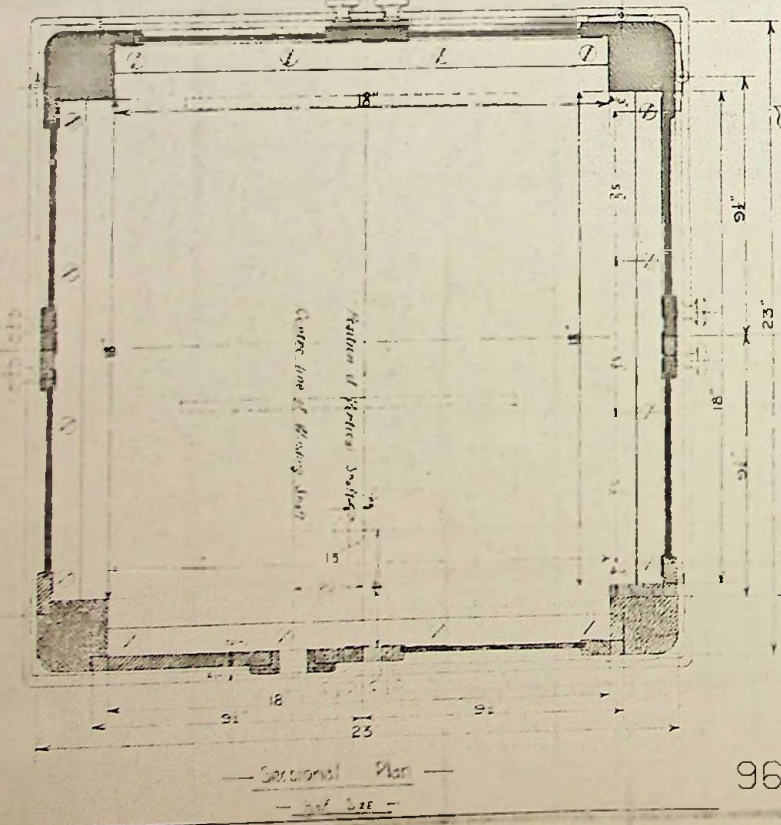
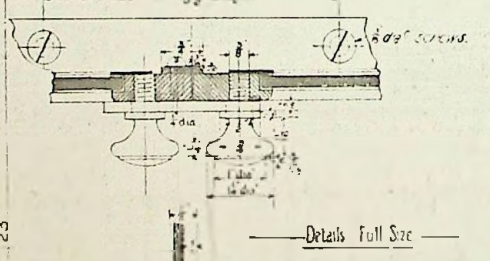
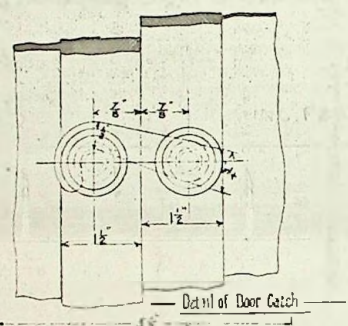
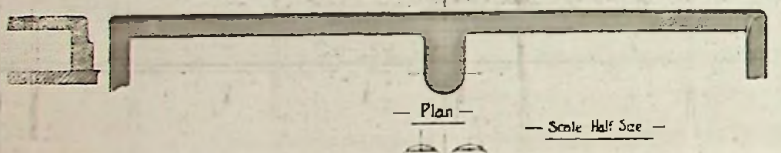
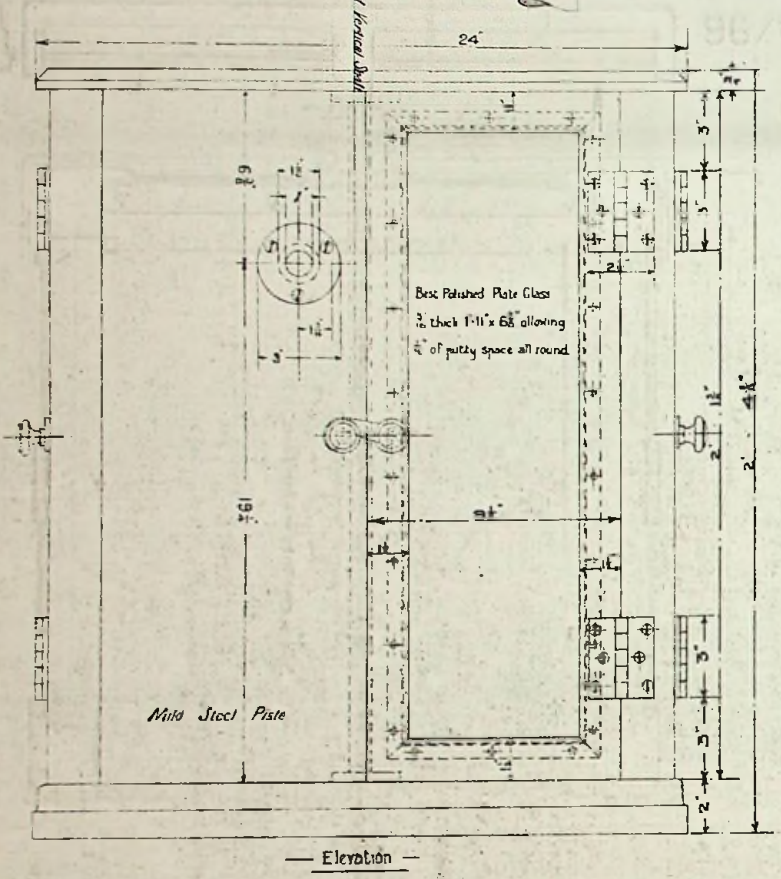
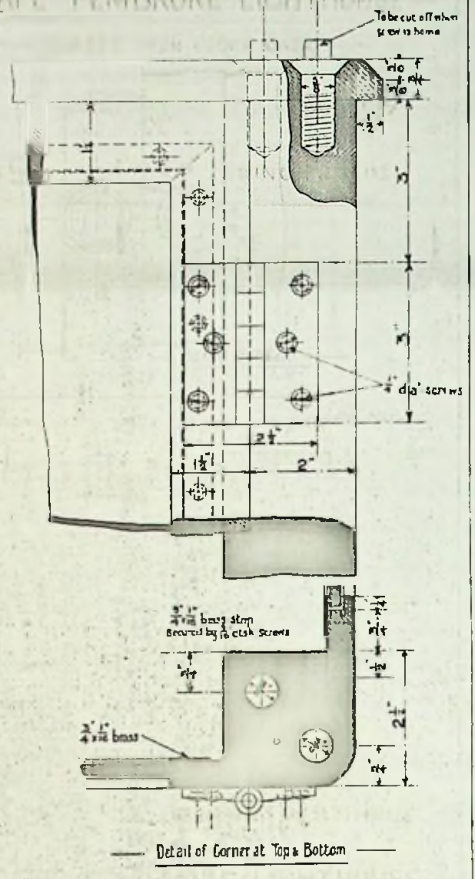
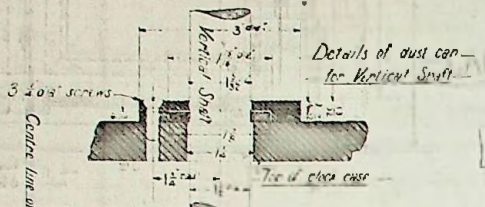
— Ex. 10/11 —

96/44

CHANGE BROTHERS
AND LIMITED
LIGHTHOUSE ENGINEERS
NEAR BIRMINGHAM

DRAWING NO 4417

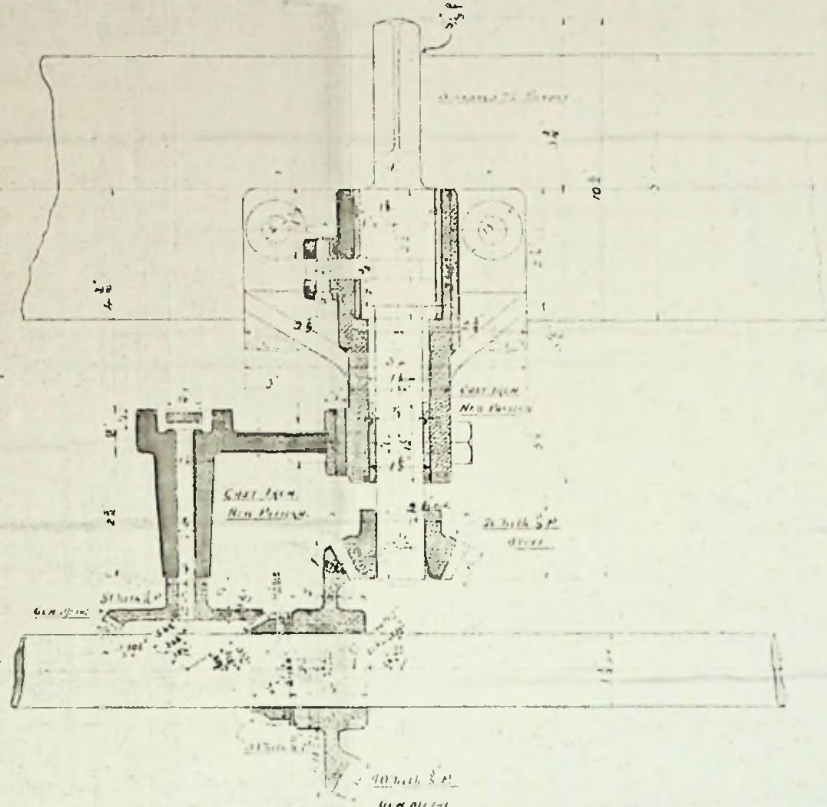
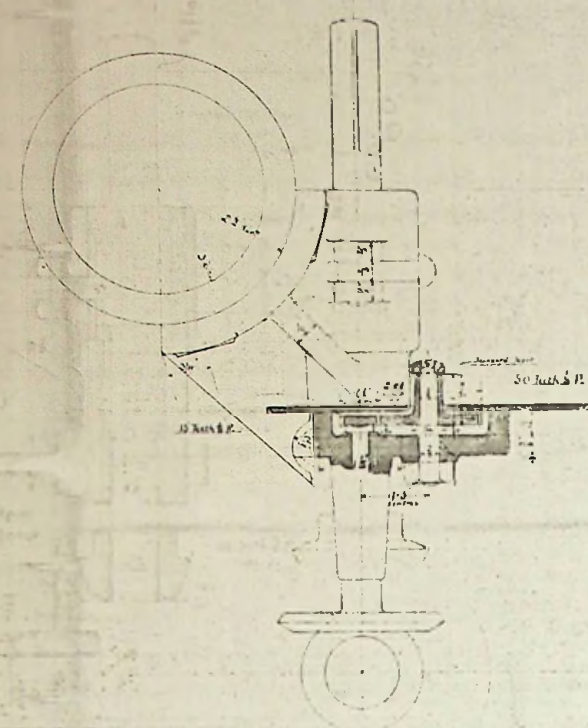
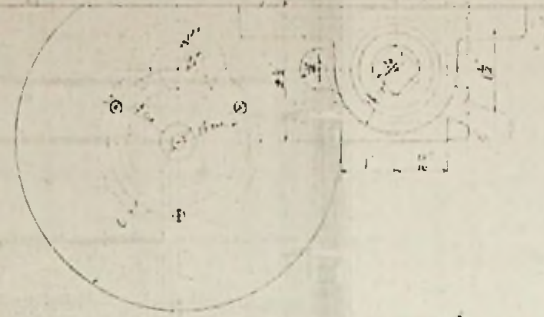
200
100
100



CAPE PEMBROKE LIGHTHOUSE
GLAZED IRON CLOCK CASE

96/45

DRAWING F2 4403

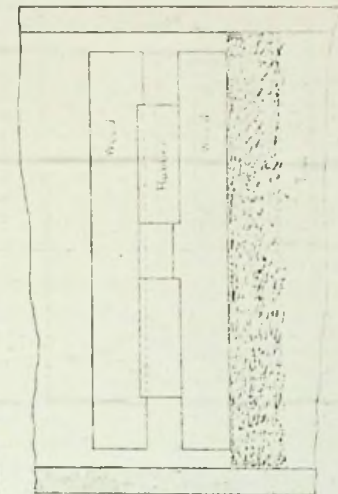
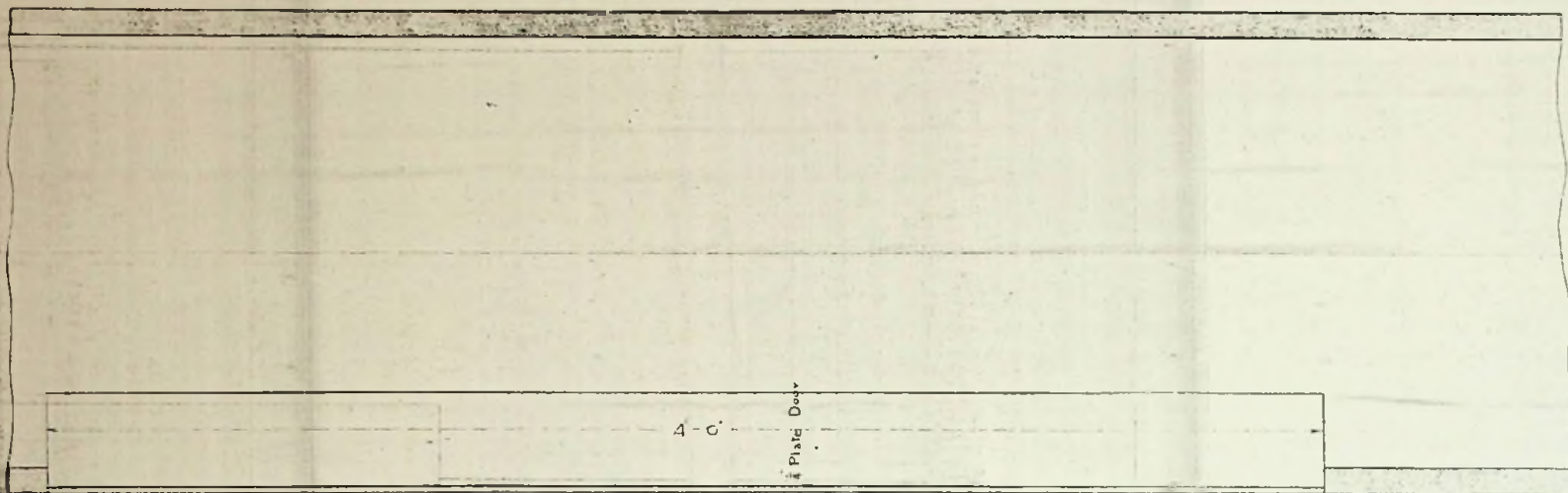
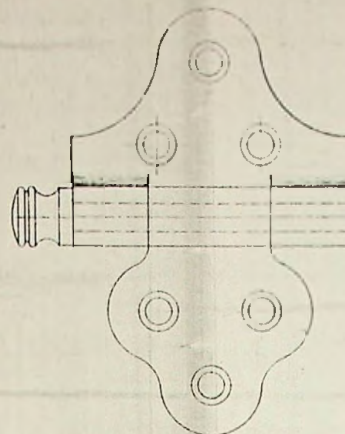
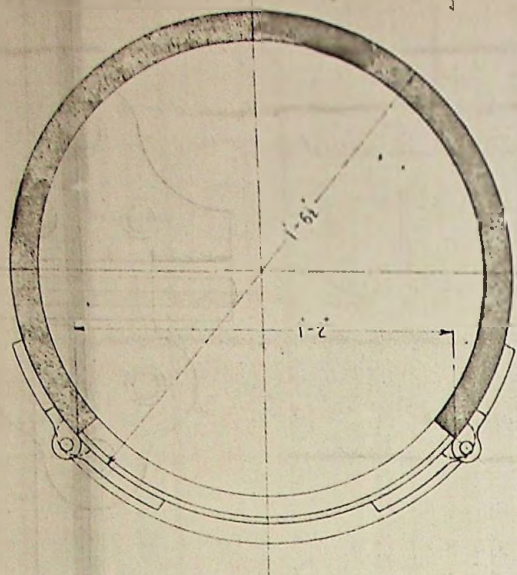


- CAPE PEMBROKE -
 - HAND TURNING & DIAL GEAR -
 - FULL SIZE -
 DRAWING NO. F 24620

CHAMBERLAIN
 AND SONS LIMITED
 LIGHT ENGINEERS
 100, MARKET STREET, LONDON, E.C. 1

96/46
 DRAWING NO. F 24620





95/48

96/48

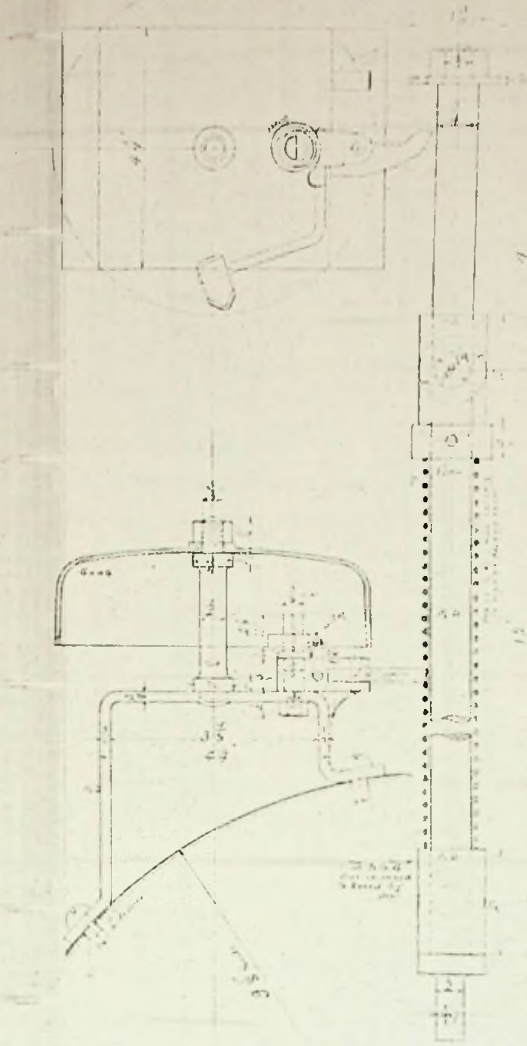
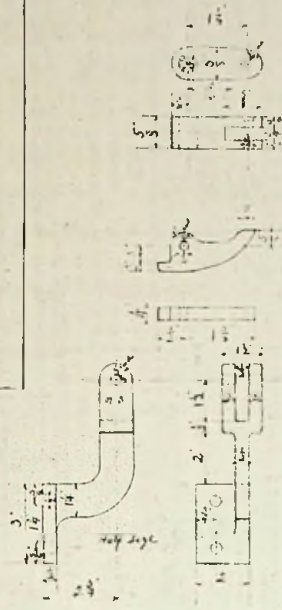
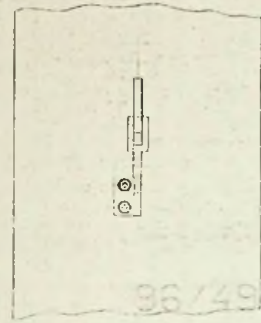
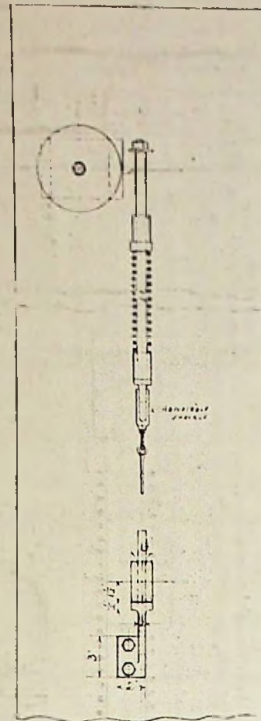
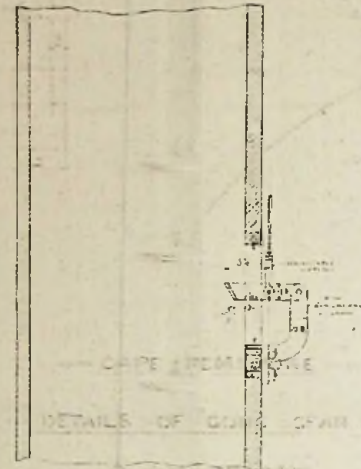
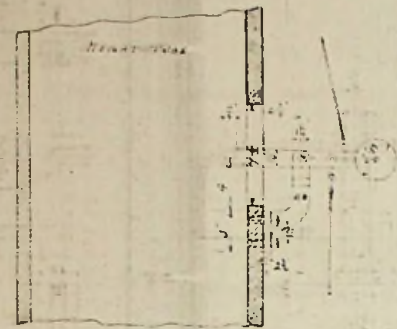
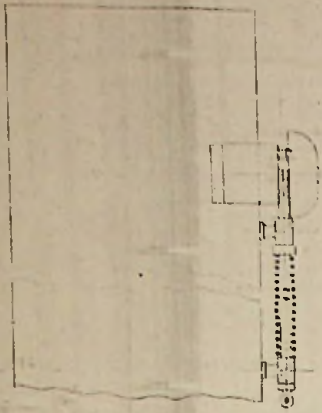
CAPE PEMBROKE LIGHTHOUSE

Details of Door & Button in Wood, Tin

Scale: 1/2" = 1' Full Size

ENGINEERING DEPARTMENT
NAVY DEPARTMENT
WASHINGTON, D. C.

DRAWING NO. C-24995



— CAPE PEMBROKE —

— DETAILS OF CONC GEAR —

Scale - 3/4" = 1" full size

96/49

DRAWING NO. F 24870

36/49

A2

A3

A4

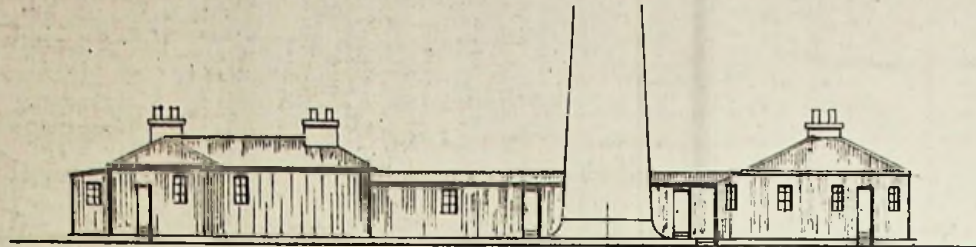
A4

A3

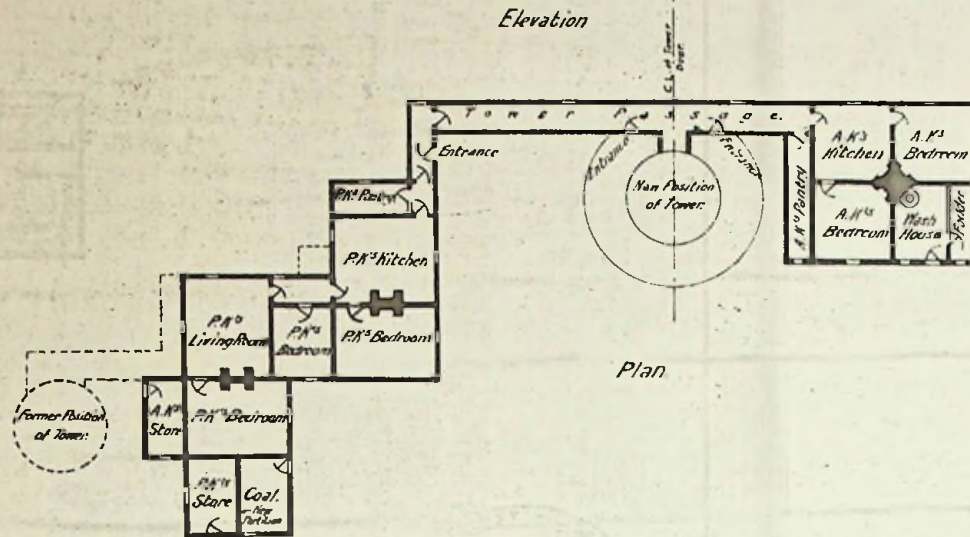
A2

A1

— Cape Pembroke Lighthouse —
 — Falkland Islands. —
 — Rearrangement of Dwellings —



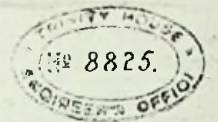
Elevation



Plan

Note: New accommodation tinted red.

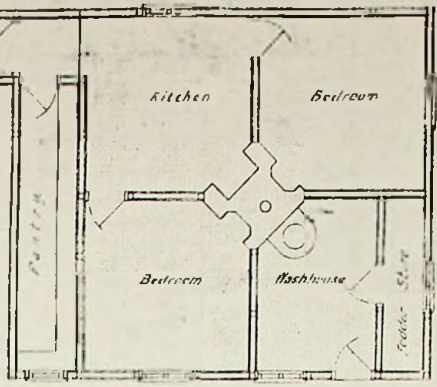
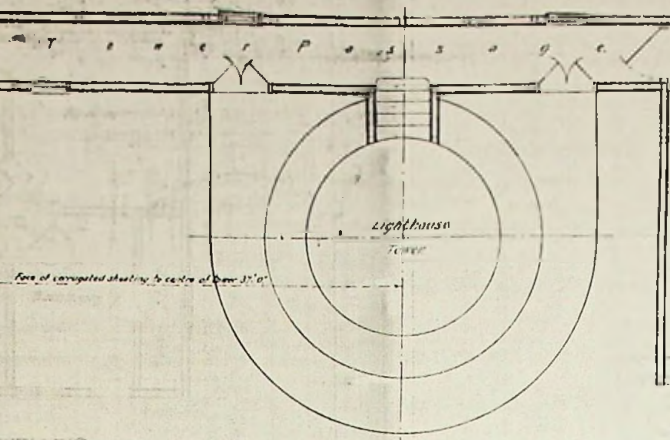
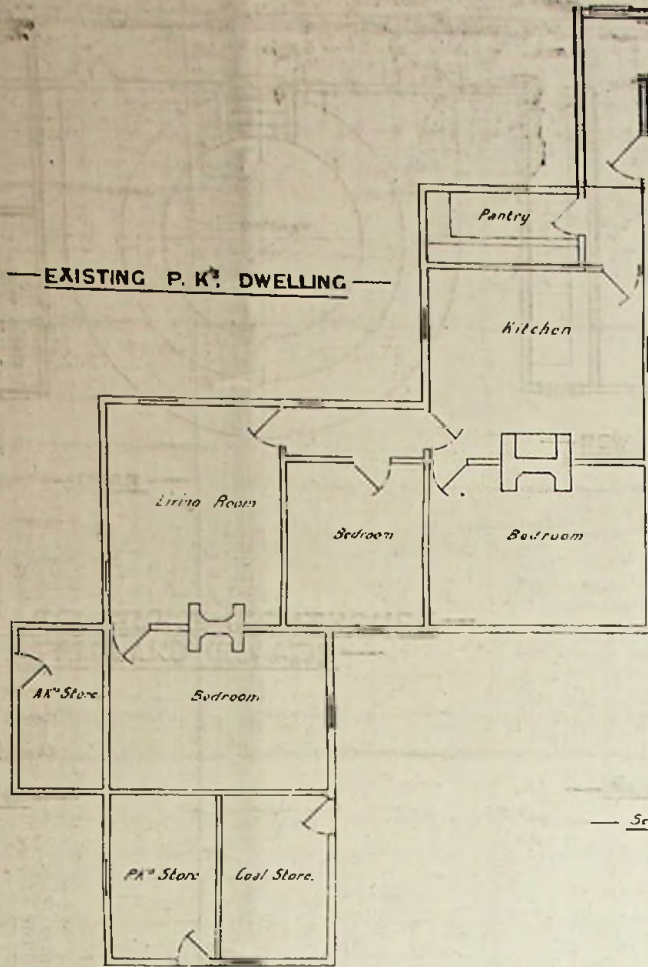
Scale 1/8" Inch to 1 foot.



96/50

J. Matthews
 10th May 1906

EXISTING P. K. DWELLING



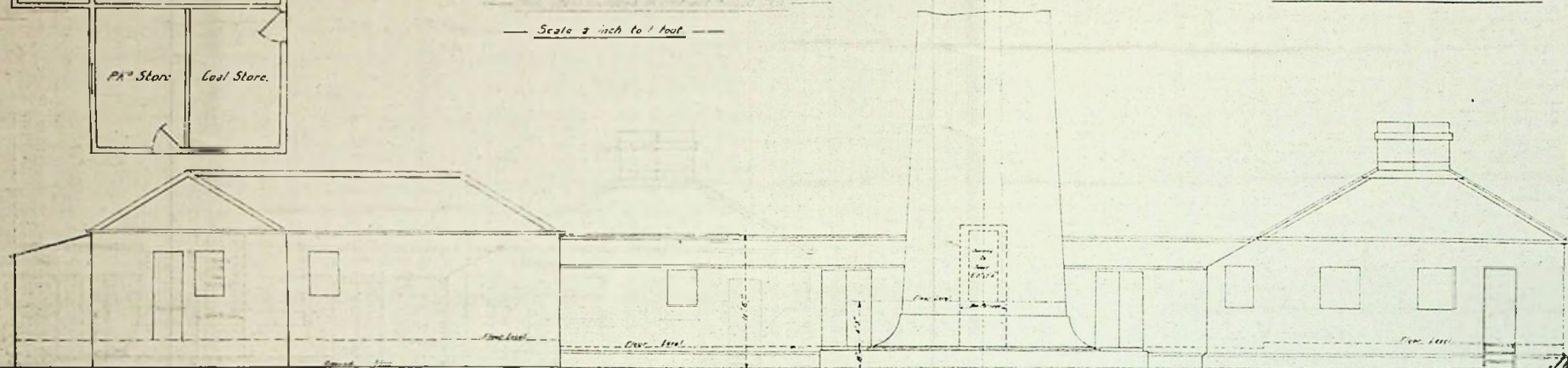
NEW A. K. DWELLING

PLAN

CAPE PEMBROKE LIGHTHOUSE
FALKLAND ISLANDS

Scale 3/4 inch to 1 foot

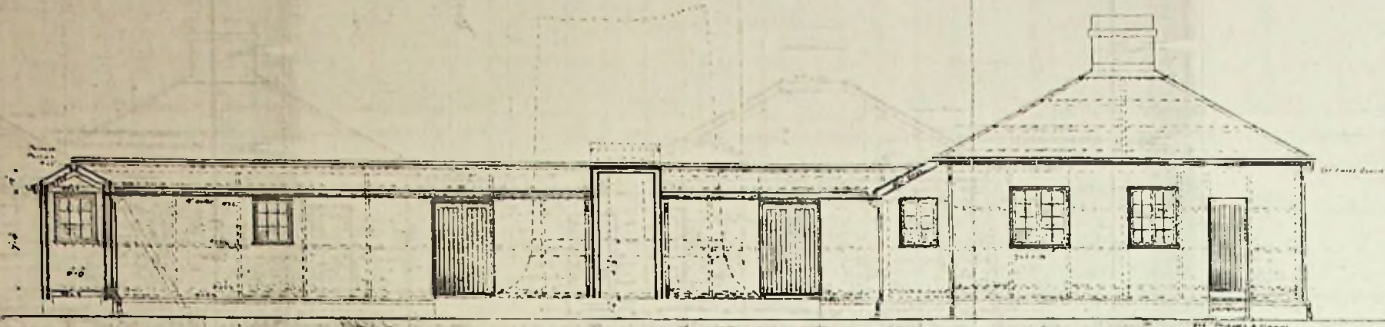
Note - Work included in contract limited to



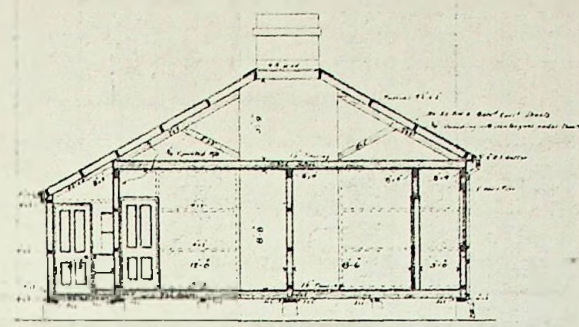
8828

96/51

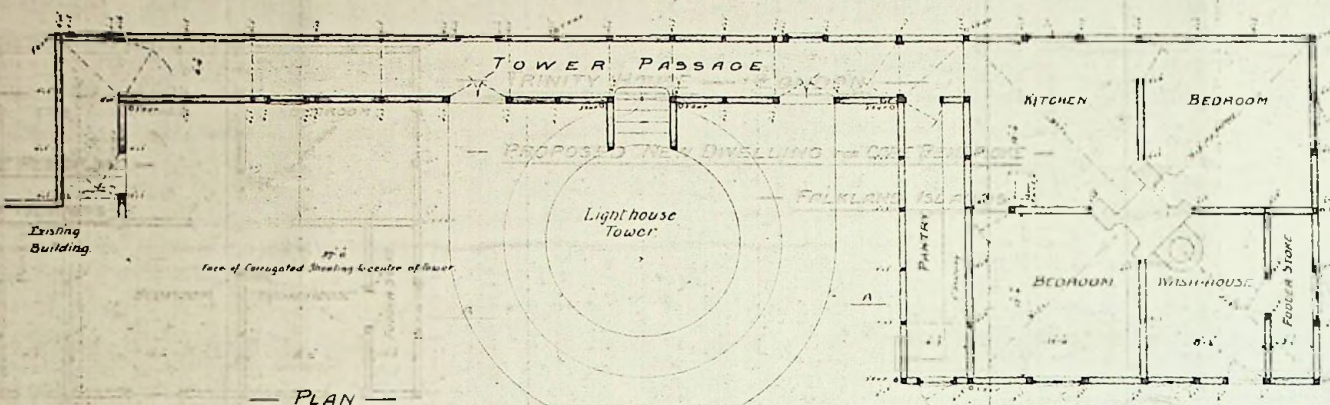
A. Millers
14/12/1906



— FRONT ELEVATION —



— SECTION AA —



— PLAN —

— TRINITY HOUSE — LONDON —

— PROPOSED NEW DWELLING FOR CAPE PEMBROKE —

— FALKLAND ISLANDS —

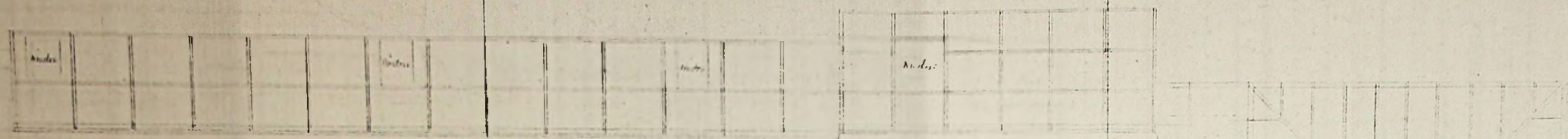
— DRAWING N° 8931 —

— SCALE 1/4" = 1' —

96/52

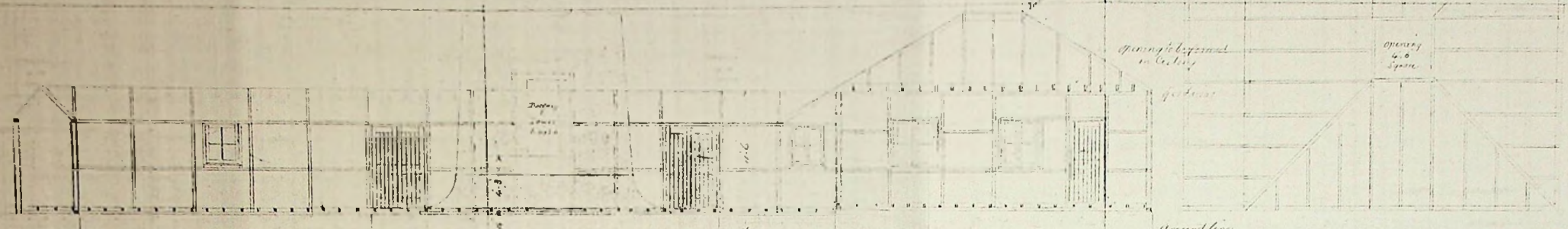
96/52

96/52



Anders in Passage at 1/4 ft

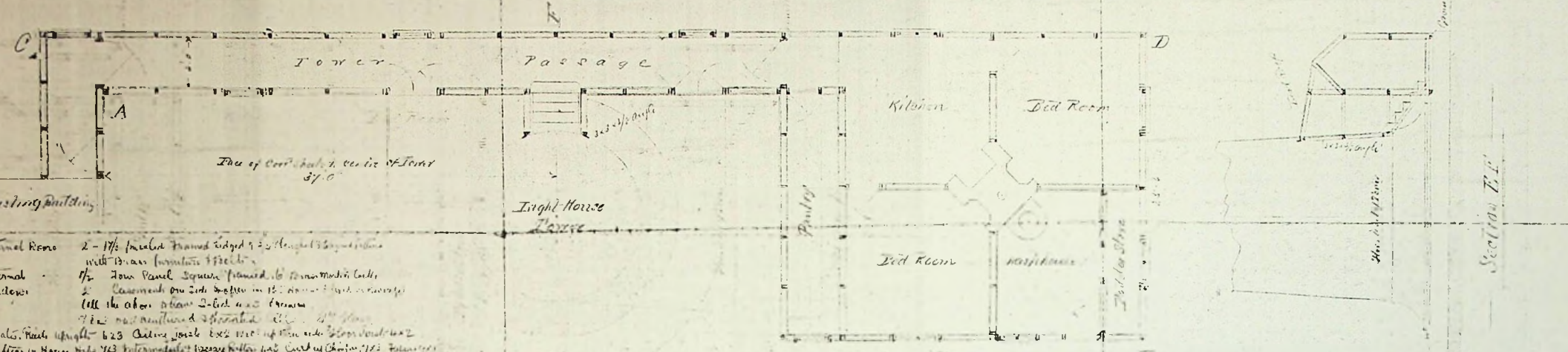
Side Framing C to D



Ground line

Roof Plan

Side Framing A to B



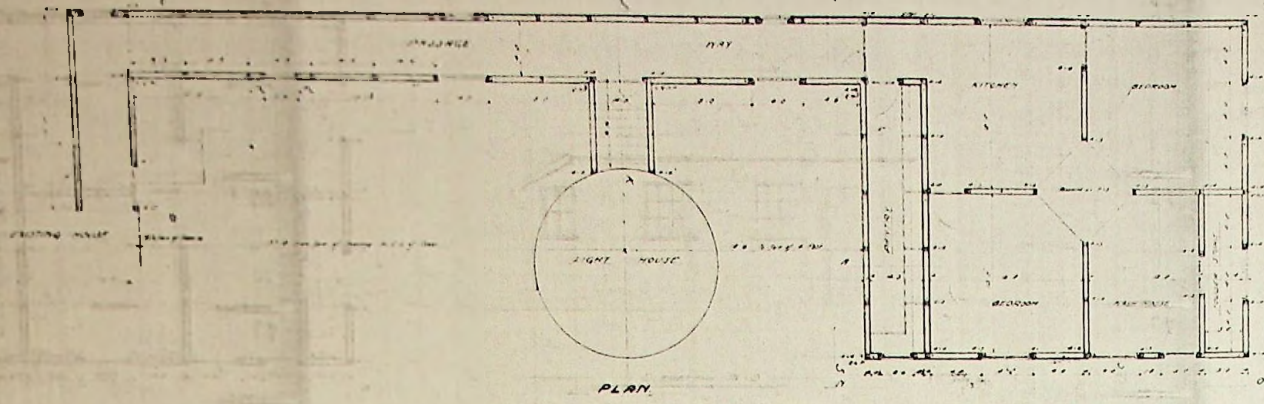
Top of Cor. Post 7' 0" or 6' 6" Tower 37' 0"

Plan

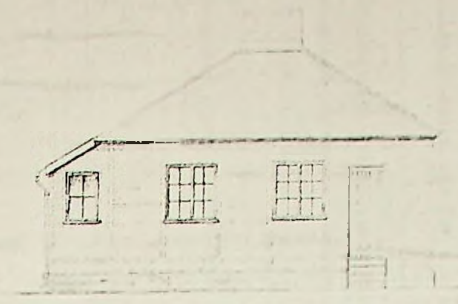
96/53

- Internal Room 2 - 1 1/2 framed frames 4 x 4 spaced 3' 0" apart
- with Brass furniture 1 piece
- Internal windows 1/2 Low Panel Square framed 16 frame window
- 2 Casements on side in passage in 15' frame 16' 0" window
- (All the other above 2 bed room frame)
- 7/2 not mentioned structural etc. 4' 0" frame
- Plats. Rafters upright 6x2 Ceiling joist 6x2 10' 0" up from side floor level 6x2
- Rafters in House 7x3 intermediate 12x12 rafters and 6x4 in chimney 12x12 frame 1/2
- House to House 4x4 Center 1/2 not finished floor
- External boards, most 1/2 framed 1 1/2 in tongue & groove framing
- Internal lining 1/2 not covered 4x4 post & joist
- Cell 8' 0" x 10'
- Solding door, Ball and 4 wash Plate 1/2 1/2 frame 8' 0" x 10' (double cast)

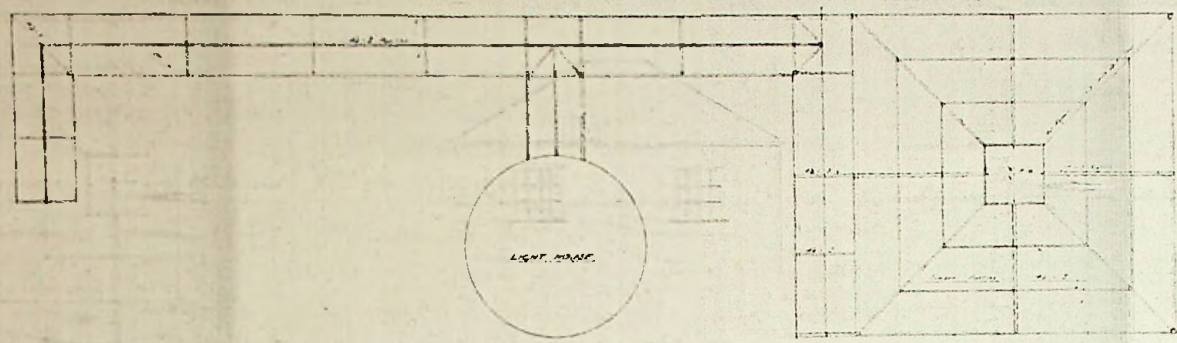
96/53



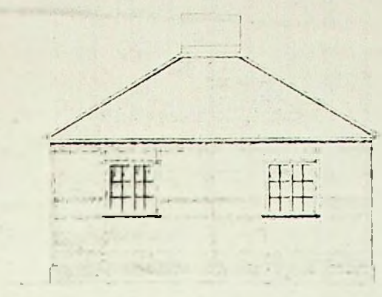
PLAN



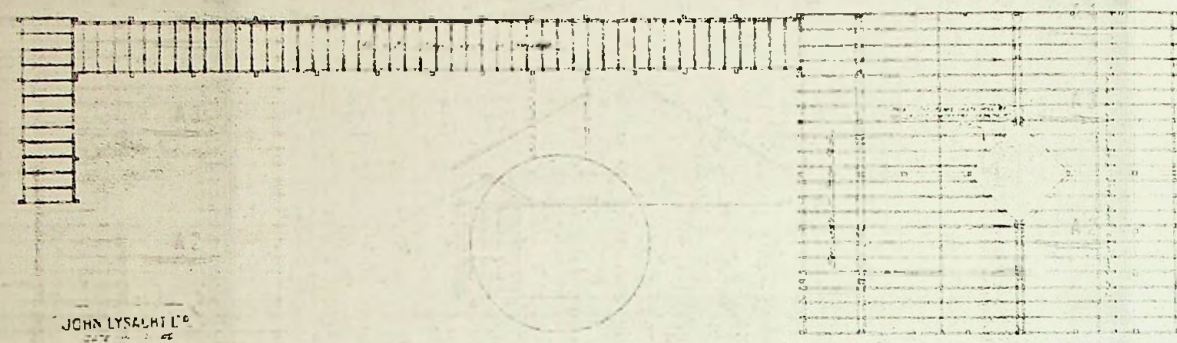
ELEVATION N.D.



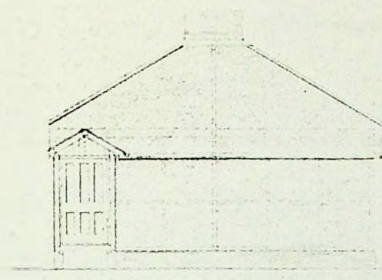
ROOF PLAN



ELEVATION S.E.



FLOOR JOIST PLAN



ELEVATION R.S.

JOHN LYSAGHT LTD
 STRUCTURAL ENGINEERS
 BRISTOL

96/54 CONTRACT NO. 890

96/54 CONTRACT NO. 890
 DRAWING NO. 3203

A1
 A2
 A3
 A4
 A4
 A3
 A2
 A1

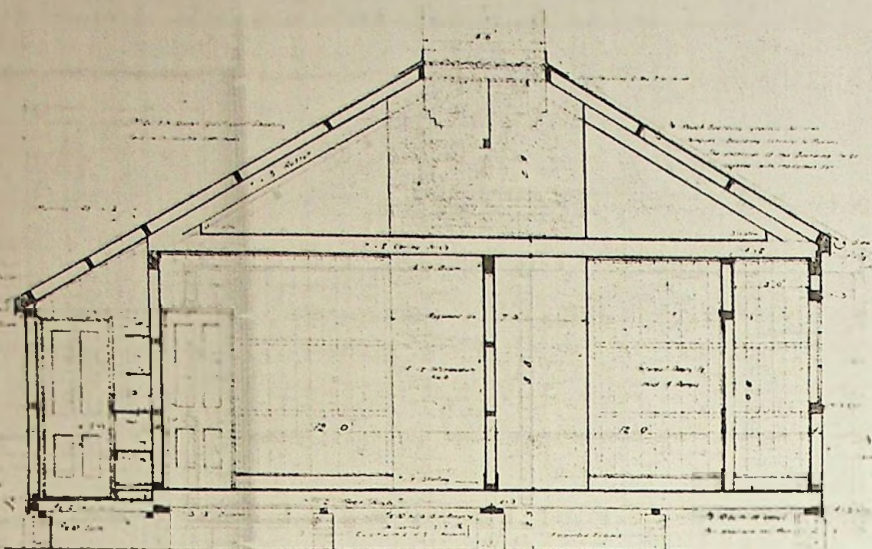


Lighthouse Buildings
- Details -

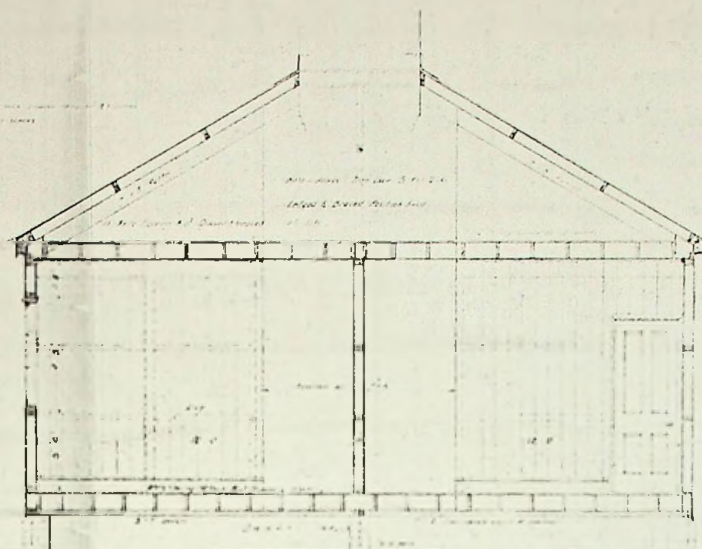
96/55

NEW DWELLING HOUSE — CAPE PEMBROKE — FALKLAND ISLANDS

SCALE 1/2" = 1'-0"



CROSS SECTION A-B



CROSS SECTION C-D

CONTRACT N° 890

DRAWING N° 176

96/56

1908 L'ARCHITTE

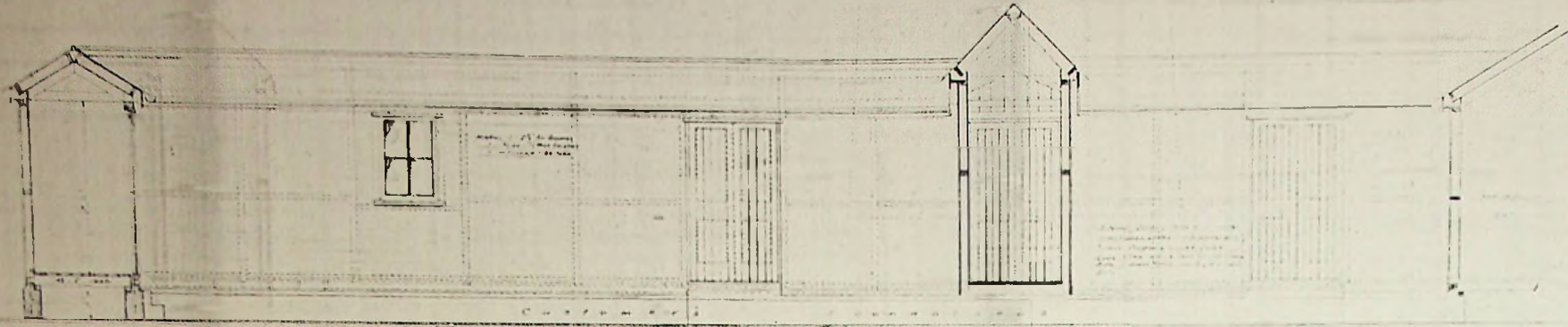
112, RUE DE LA PAIX, PARIS

CONTRACT N° 890

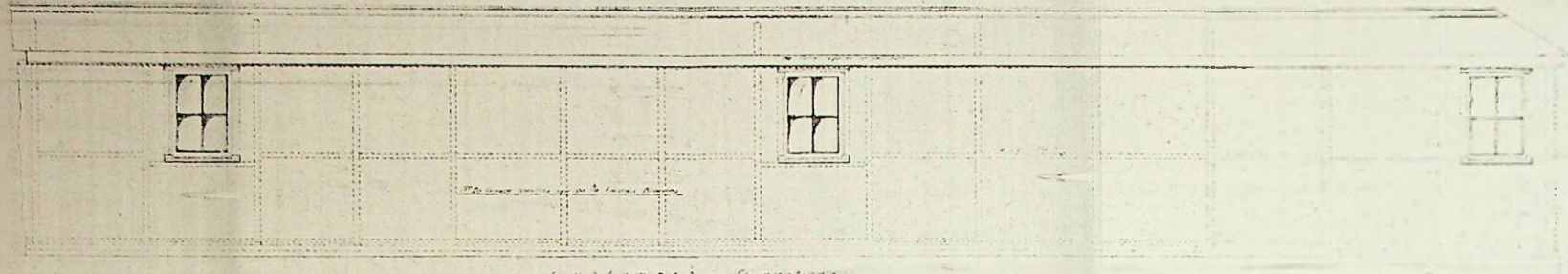
DRAWING N° 3281

96/56

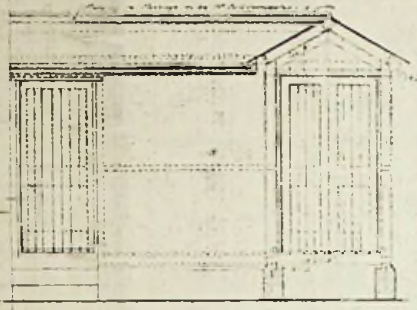
NEW DWELLING HOUSE — CAPE PEMEROKE — FALKLAND ISLANDS.



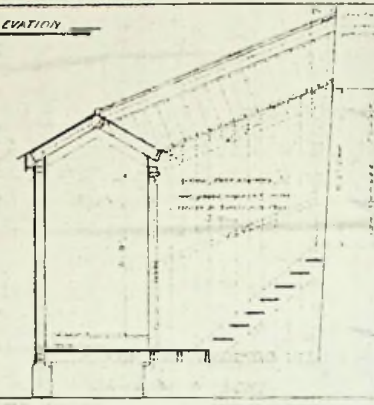
ELEVATION F.F.



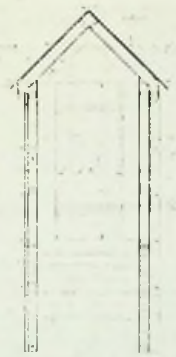
BACK ELEVATION



ELEVATION G.H.



SECTION J.K.



CONTRACT N° 890
DRAWING N° 3282.

96/57

96/57

A 4

A 3

A 1

A 4

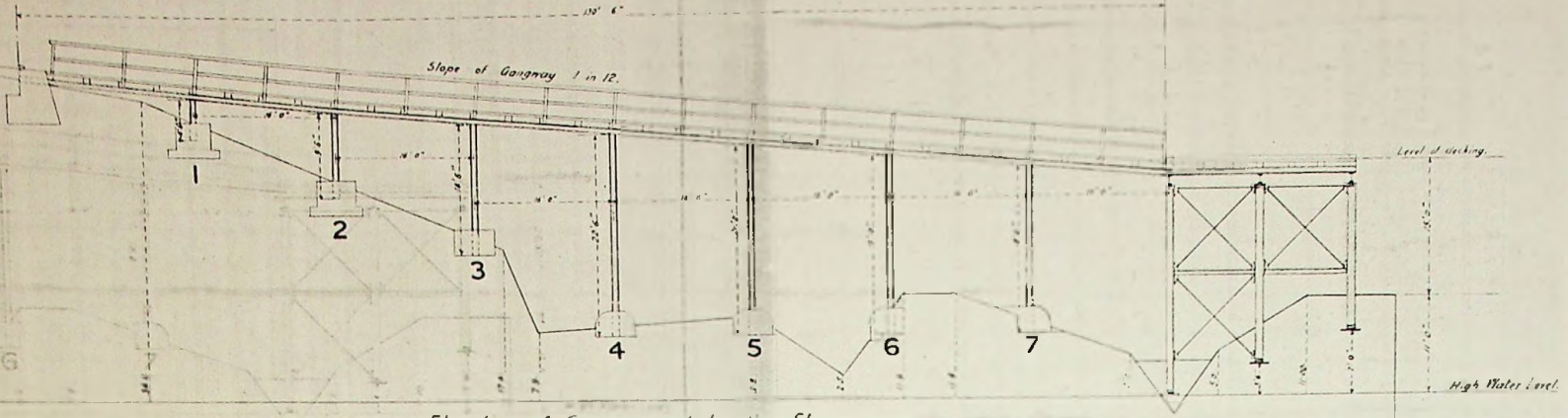
A 3

A 2

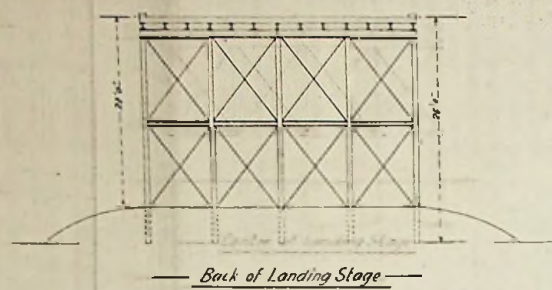
A 1

FALKLAND ISLANDS
CAPE PEMBROKE LIGHTHOUSE

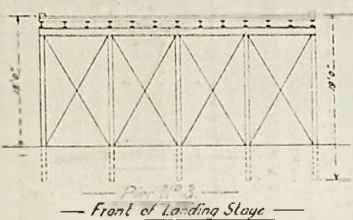
LANDING STAGE



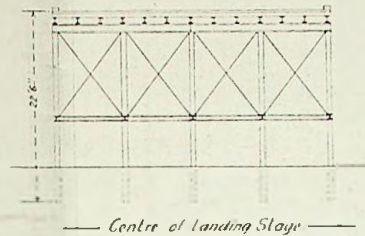
— Elevation of Gangway and Landing Stage. —



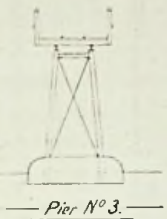
— Back of Landing Stage —



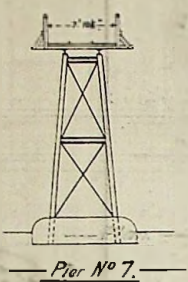
— Front of Landing Stage —



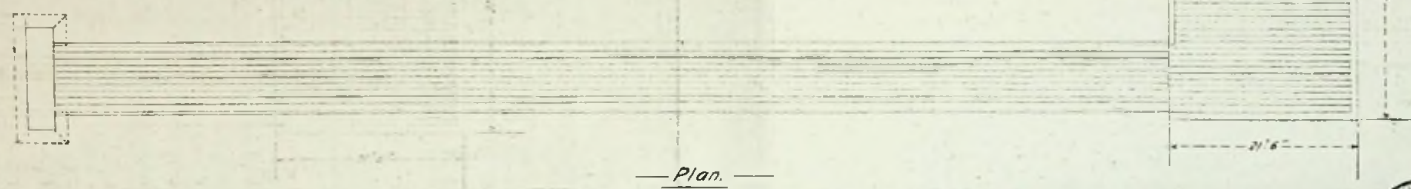
— Center of Landing Stage —



— Pier No. 3. —



— Pier No. 7. —

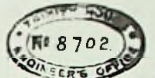


— Plan. —

— Scale 1/4" Inch to 1 Foot. —

96/58

96/58

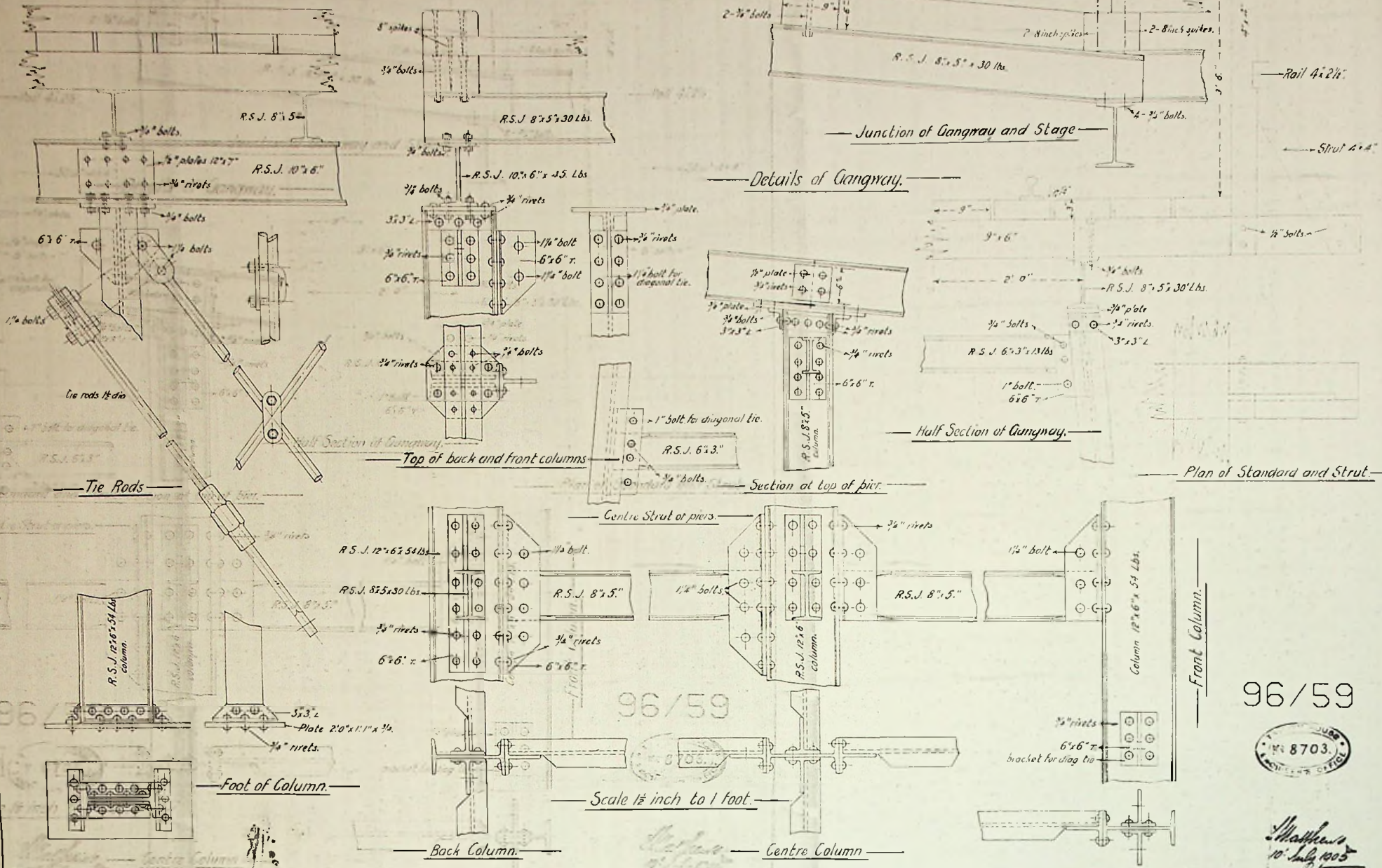


J. Matthews
 10th July 1905

FALKLAND ISLANDS

CAPE PEMBROKE LIGHTHOUSE

LANDING STAGE



96/59



Matthews
10 July 1905

DETAILS OF DECK

Landing Stage.
- Deck Details -

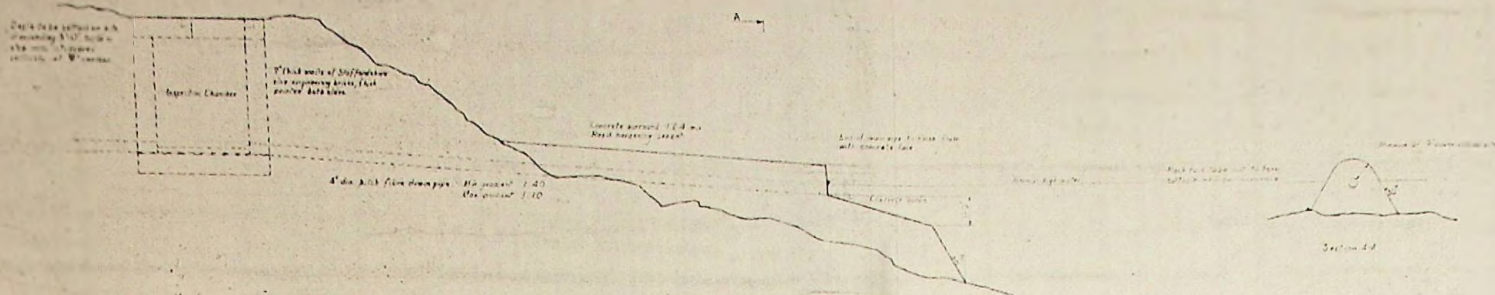
96/60

NEWLAND ISLANDS CAPE PEMBROKE LIGHTHOUSE
DETAILS OF BRACING RODS & CLIPS

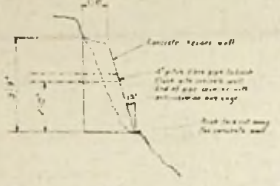
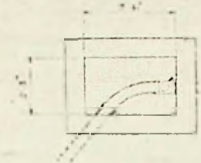
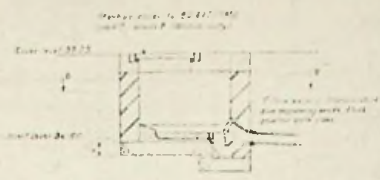
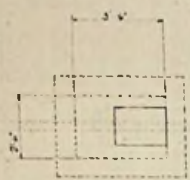


Landing Stage
- Bracing Rods & Clips -

96/61



Arrangement of sewage outfall (exact height and radius face determined on site)



Detail of chamber with siphon outlet

96/63

96/63

TRINITY HOUSE
ENGINEERS DEPT.

FALKLAND ISLANDS: CAPE PEMBROKE LIGHTHOUSE.
DRAINAGE DETAILS.

SCALE
1/2" = 1'-0"

DRWG No.
612/7

1V
 2V
 3V
 4V
 A4
 A3
 A2
 A1



NOTES

DIG PIPING SHOWN THAT
 WATER
 DRAINAGE
 TELEPHONE LINE SHOWN THUS
 SURVEY OF SITE AS CARRIED OUT IN MAY 1958
 LEVELS SHOWN ARE RELATED TO HEIGHT OF TIDAL PLANE OF
 LIGHTHOUSE IS 300 FEET ABOVE M.S.L.
 EXISTING DWELLINGS AND STORES SHOWN IN BROKEN LINE THUS
 TO BE DEMOLISHED

96/64

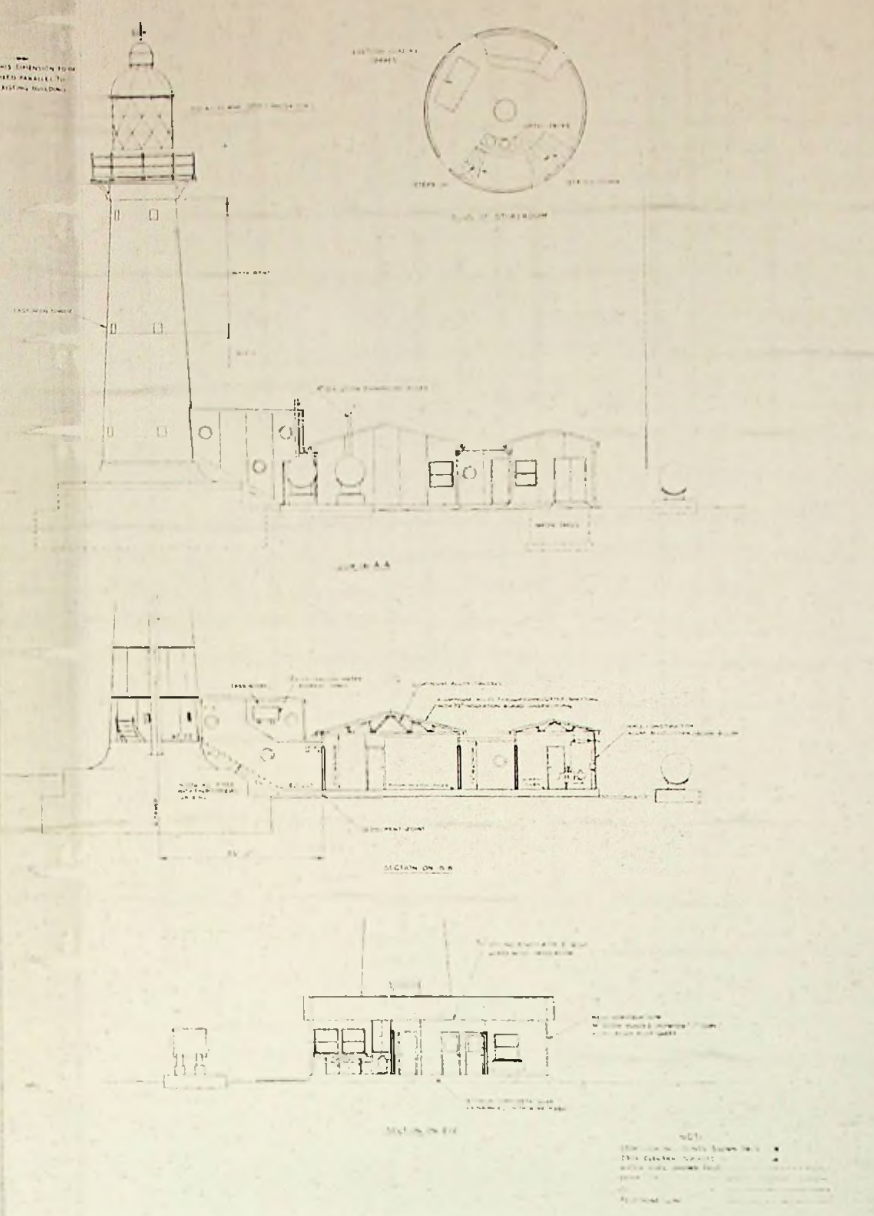
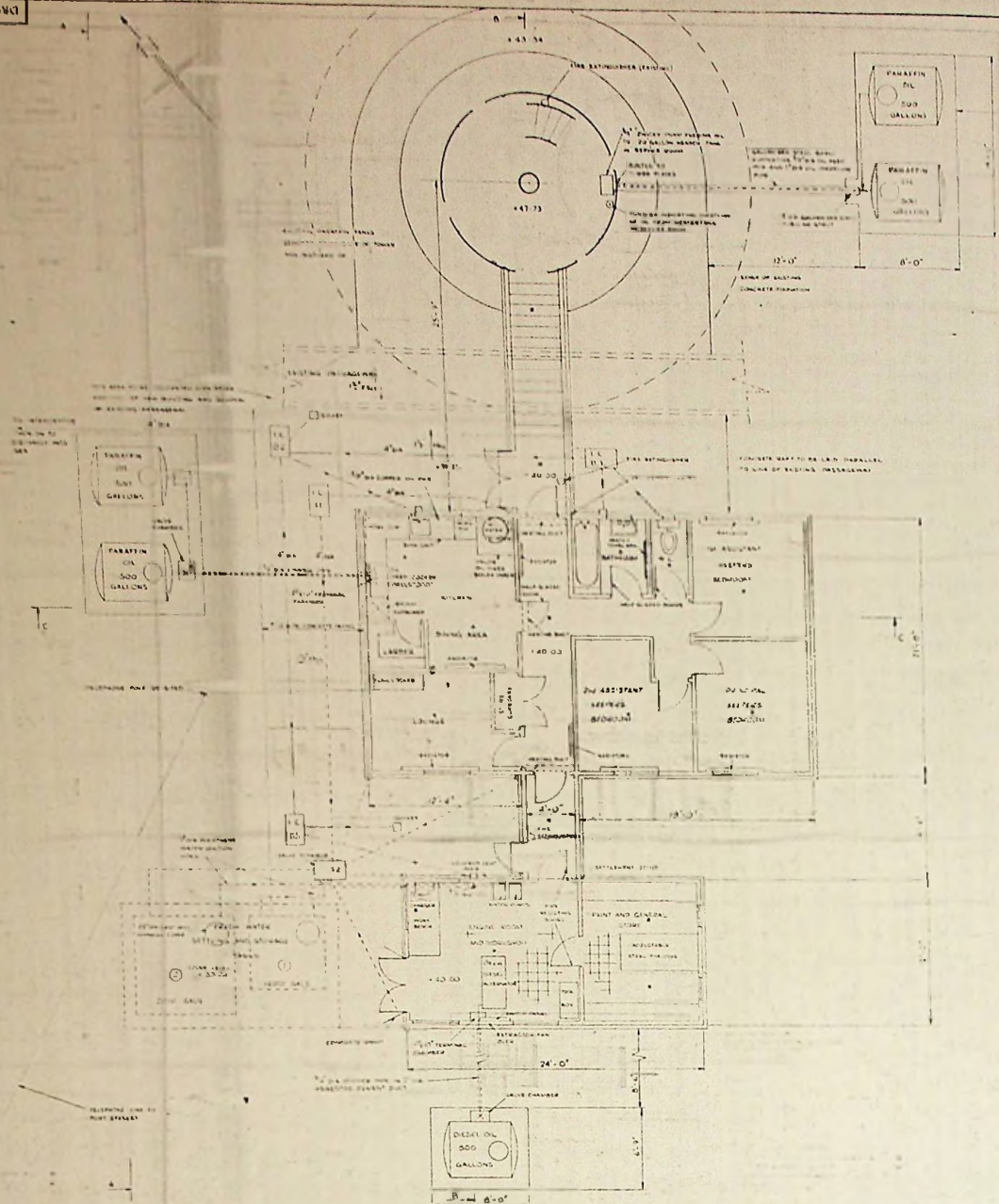
Scale

TRINITY HOUSE
 ENGINEERS DEPT.

FALKLAND ISLANDS: CAPE PEMBROKE LIGHTHOUSE.
 GENERAL SITE PLAN & LAYOUT OF PROPOSED DWELLINGS.

SCALE
 1/4" to 1'-0"

DRWG. No.
 612/3



TRINITY HOUSE
ENGINEER-IN-CHIEF'S DEPT
TOWER HILL, LONDON, E.C.3.

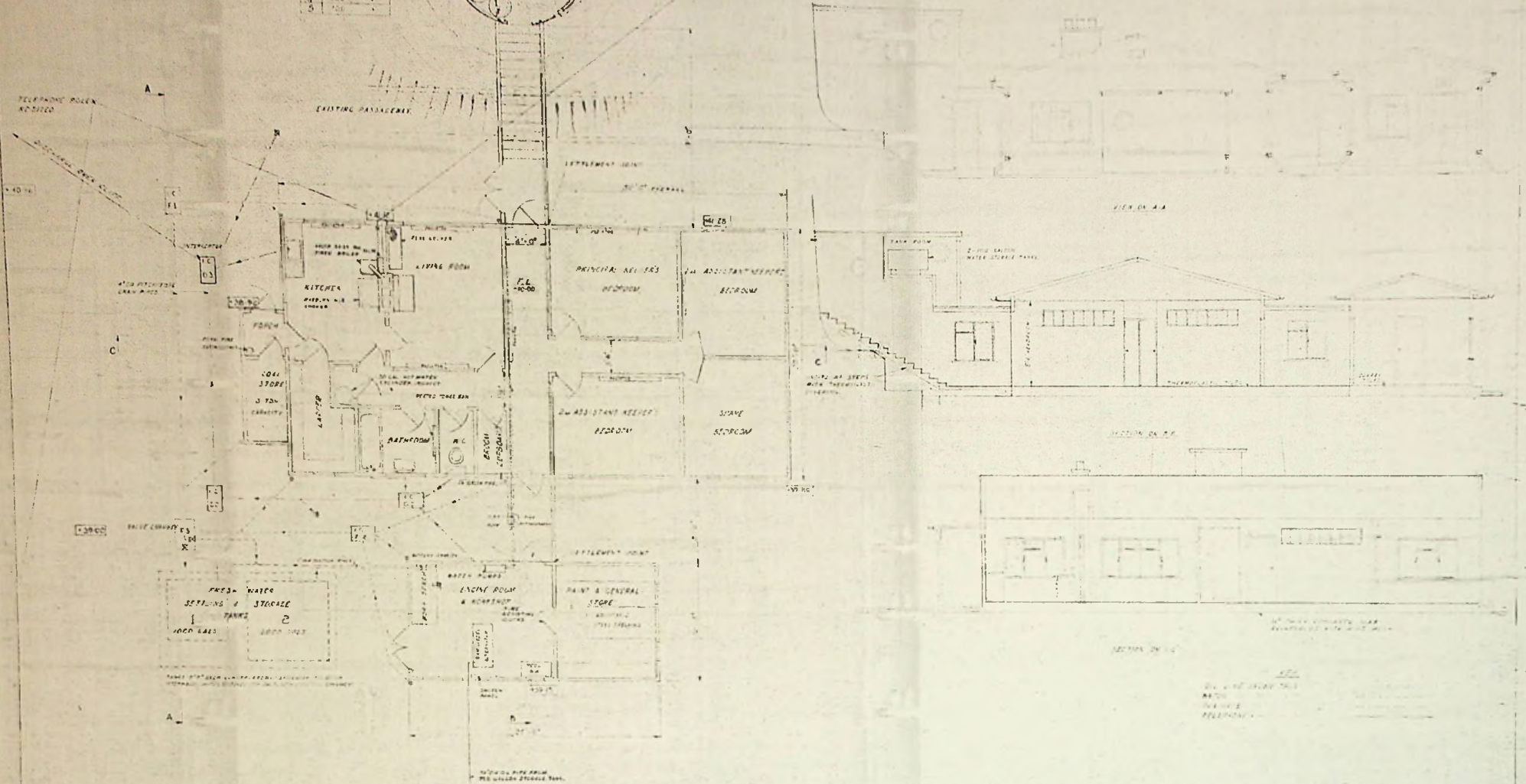
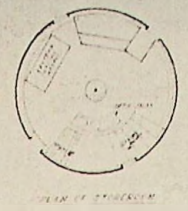
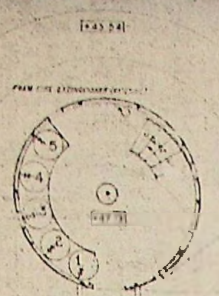
FALKLAND ISLANDS LIGHTHOUSE

FALKLAND ISLANDS . CAPE PEMBROKE LIGHTHOUSE
PROPOSED NEW DWELLINGS

SCALE	1" = 1/8" TO 1/4"	DRAWN BY	A.J.M.	1/64
	ARCHITECTS	CHECKED BY	J.H.	1/64
	REVI. TRACED BY H.M. 24/3/67	APPROVED BY	J.H.	1/64
96/65		DRG. N° 612/4		



CAPACITY TABLE	
No.	CAPACITY
1	100
2	100
3	100
4	100
5	100



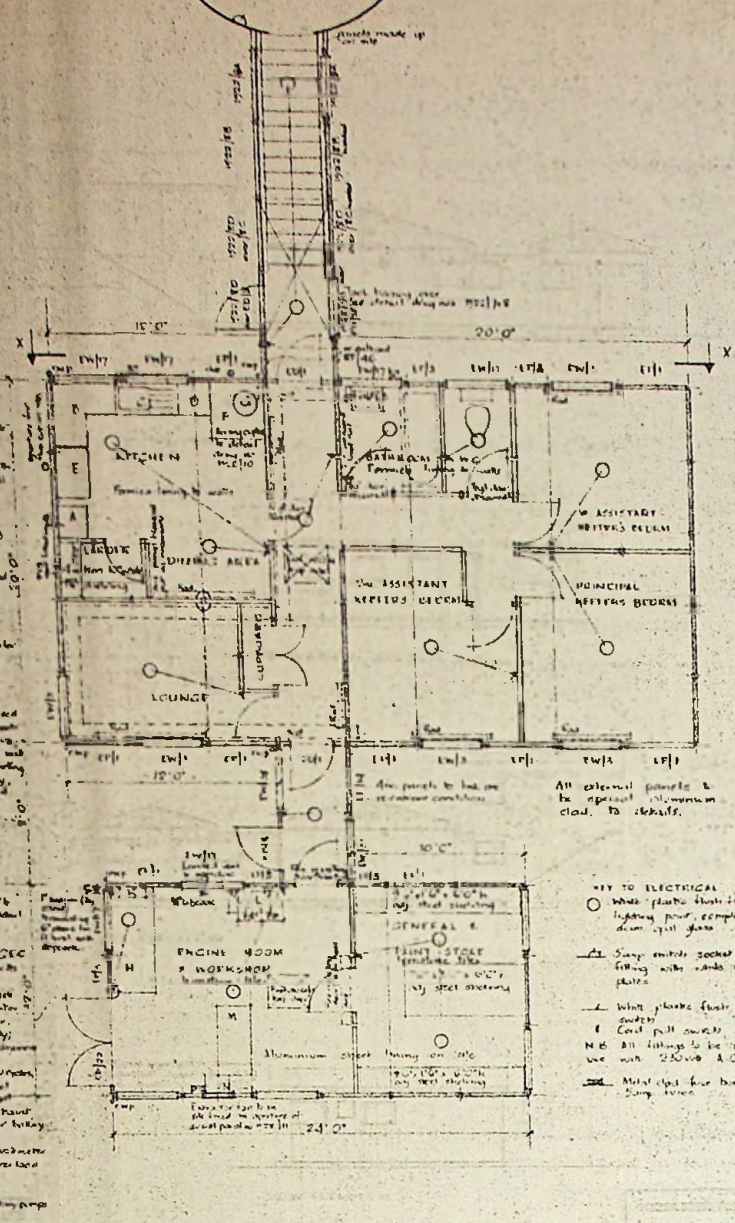
TRINITY HOUSE
ENGINEERS DEPT.

FALKLAND ISLANDS. CAPE PEMBROKE LIGHTHOUSE.
PROPOSED NEW DWELLINGS.

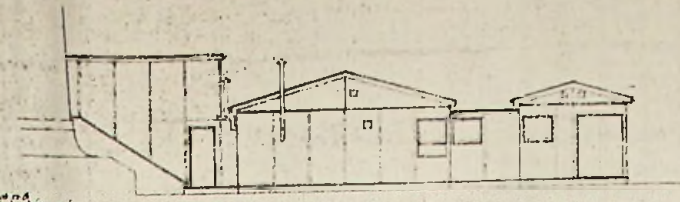
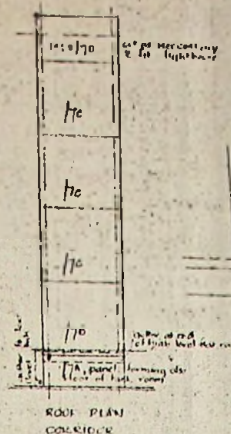
SCALE -
1/4" = 1'-0"

DRWG. No.
96/66

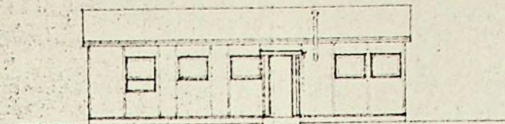
A1
A2
A3
A4
A4
A3
A2
A1



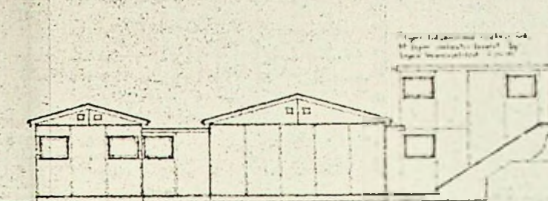
- REMARKS**
- A Room 10' x 10' 7"
 - B Engine Room, 10' x 10' 7" with 10' x 10' 7" boiler
 - C Kitchen 10' x 10' 7" with 10' x 10' 7" sink
 - D Lounge 10' x 10' 7" with 10' x 10' 7" sofa
 - E Water Tank 10' x 10' 7" with 10' x 10' 7" tank
 - F 10' x 10' 7" boiler
 - G Kitchen, 10' x 10' 7" with 10' x 10' 7" sink
 - H Work Room, 10' x 10' 7" with 10' x 10' 7" bench
 - X 10' x 10' 7" boiler
 - L 10' x 10' 7" boiler
 - M 10' x 10' 7" boiler
 - N 10' x 10' 7" boiler
 - P 10' x 10' 7" boiler



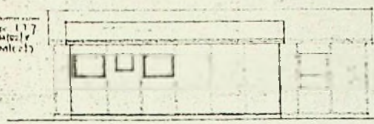
N.W. ELEVATION



ELEVATION SECTION X-Y



S.E. ELEVATION



S.W. ELEVATION

- KEY TO ELECTRICAL**
- White plastic flush fitting in lay lighting panel, complete with 2' down pipe glass
 - △ Soap control socket with flush fitting with white plastic cover plate
 - White plastic flush pattern with socket
 - Cast iron socket
 - N.B. All fittings to be suitable for use with 250V a.c. supply
 - Metal clip for box with 8oz Soap tubes

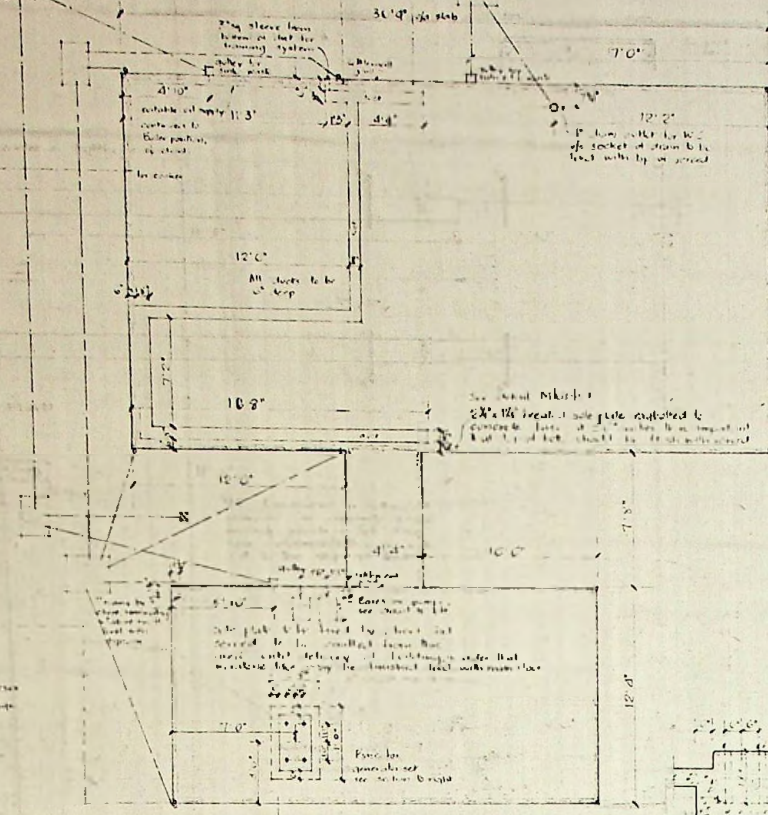
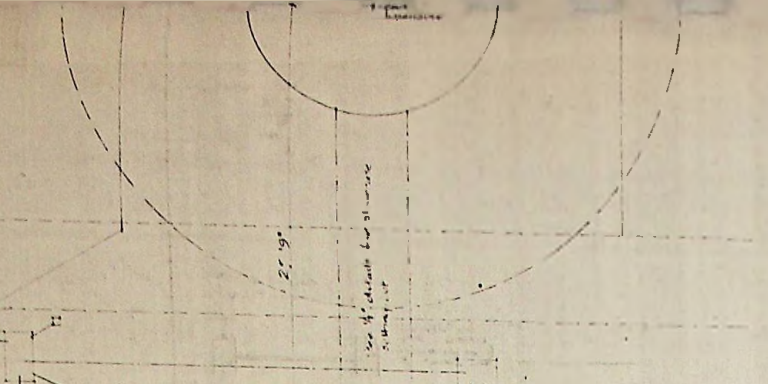
PLAN SCALE 1/4" = 1'-0"

MIDDLESEX PREFABRICATED BUILDINGS LTD.
GREEN LANE, HOUNSLOW, MIDDLESEX, ENGLAND

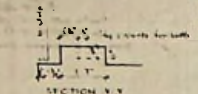
DATE	18.3.67	CURTIS & BAWING LTD.
SCALE	1/4" = 1'-0"	CONSTRUCTION OF TRINITY HOUSE
PROJECT	M.S.B.	EXPANDED TRINITY HOUSE
DESCRIPTION	M.S.B.	EXPANDED TRINITY HOUSE
REVISIONS		PLANS & ELEVATIONS
COPYRIGHT	RESERVED	
NO. 1	15/22	2/43

96/67

10' x 10' 7" boiler
10' x 10' 7" boiler

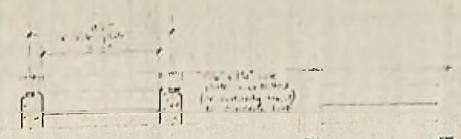


Sub soil supply lines
and supply & flag
by sheet

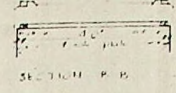


PLAN OF PARTS FOR PLANS

Remember show pipes only by Middlesex
Builders Ltd. Buildings. All drainage
connected up by sheet

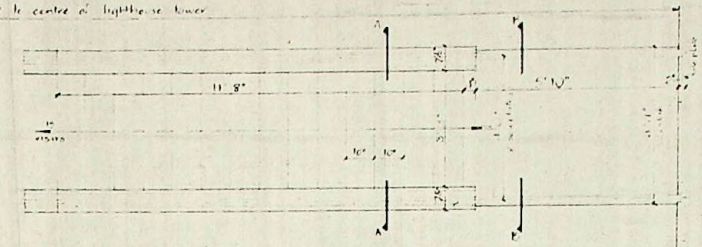


SECTION A-A

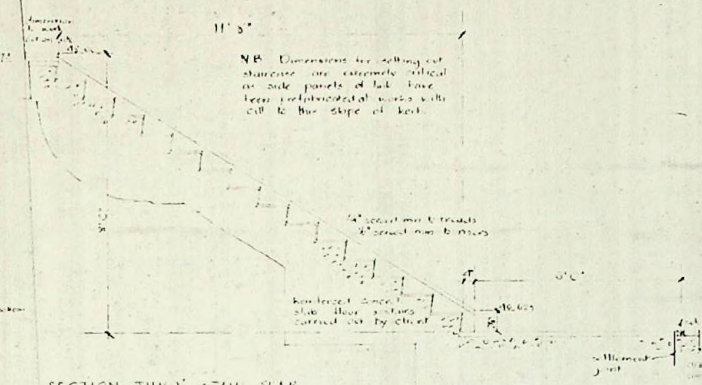


SECTION B-B

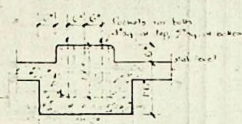
12' 0" to centre of light fixture lower



PLAN

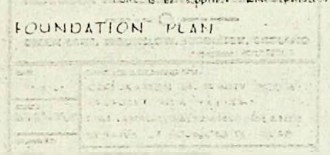


SECTION THRU STAIR SLAB



SECTION THRU BASE FOR GARAGE SET

Note - The concrete should be 1:2:4
and the reinforcement should be
as per the drawings. The concrete
should be cast in one continuous
pour. The reinforcement should be
as per the drawings. The concrete
should be cast in one continuous
pour.

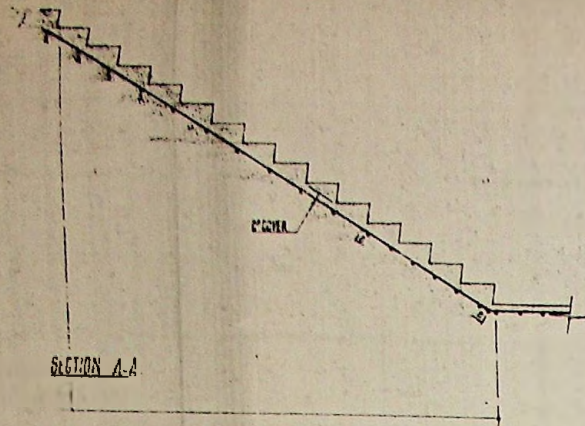


FOUNDATION PLAN

96/68

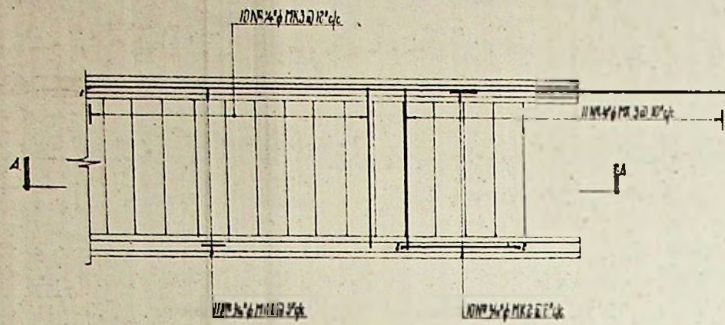
96/68

MIDDLESEX PREFABRICATED BUILDINGS LTD.	
GREEN LANE, HOUNSLOW, MIDDLESEX, ENGLAND	
DATE: 17.8.68	SCALE: 1/4" = 1'-0"
PROJECT: GREEN LANE, HOUNSLOW, MIDDLESEX, ENGLAND	
DRAWING: DETAILS OF CONCRETE SLAB	
COPYRIGHT RESERVED	
DESIGNED BY: [Signature]	CHECKED BY: [Signature]
1968	3



SEE THE R.F. FOR PLAN IN CONNECTION WITH DWG. 612/B

NOTE: THIS DWG TO BE READ IN CONNECTION WITH DWG. 612/B



PLAN

96/69



96/69

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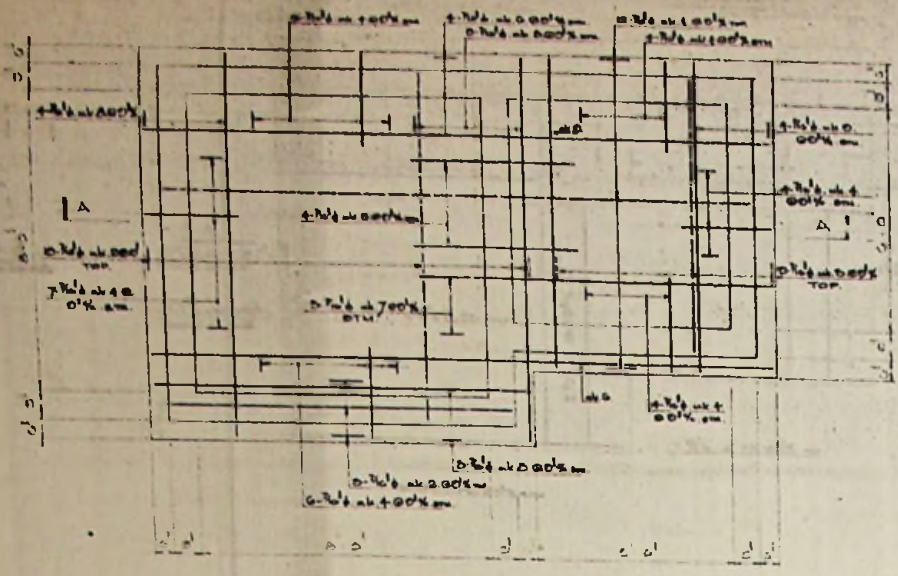
SCALE 1" = 1'-0"	REVISIONS
DRAWN BY [Signature]	CHK. DATE
CHECKED BY [Signature]	DETAILS
DATE Jan 21 1969	
DWG. No. 2	

CAPE PEMBRON Lighthouse
STAIRCASE TO TOWER.

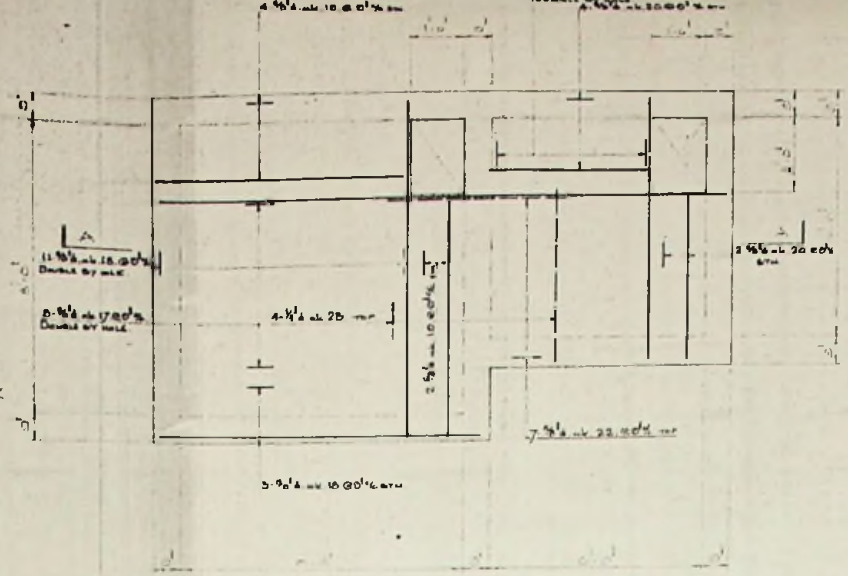
ENGINEERS DEPT. TRINITY HOUSE
SQUARE GRIP
REINFORCEMENT DESIGNS LTD.

THIS DESIGN HAS BEEN BASED ON CONCRETE MIX AGGREGATES AS B.S. 882
MINIMUM CUBIC STRENGTH TO BE 1500 LBS. PER SQUARE INCH AT 28 DAYS
CONCRETE COVER TO STEEL TO BE 2" SLABS BEAMS COLUMNS FOUNDATIONS
FABRIC NEAR BOTTOM OF SLAB SHOWN IN FULL LINES AND LETTERED THUS 
FABRIC NEAR TOP OF SLAB SHOWN IN DOTTED LINES AND NUMBERED THUS 

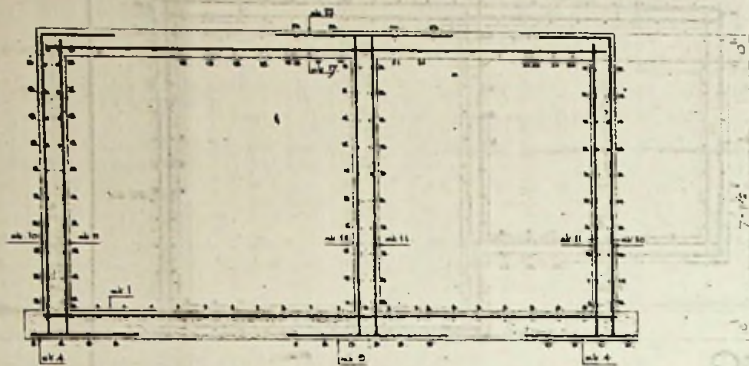
THE
SQUARE GRIP
REINFORCEMENT DESIGNS LTD.
BONDWAY HOUSE, BONDWAY, VAUXHALL, LONDON, S.W.8.
RELIANCE 694



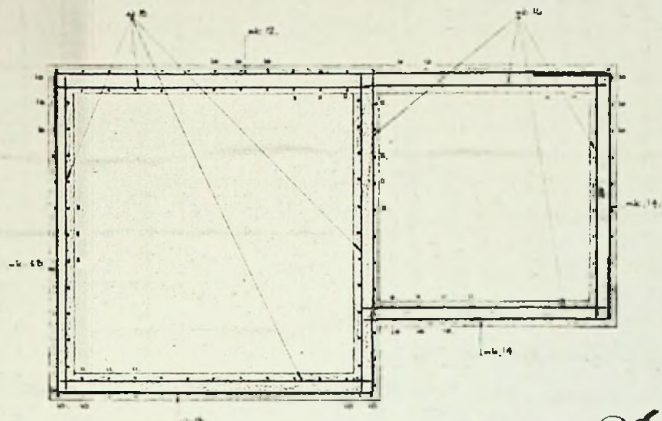
BASE SLAB PLAN



ROOF SLAB PLAN



SECTION A-A



PLAN OF REINFORCEMENT

DRG No F1/24

96/70

96/70

DRG No F1/24

SCALE	REVISIONS
1" = 1'-0"	
DRAWN BY	CHK. DATE
CHECKED BY	DETAILS
DATE	
DRG. No	

CAPE BUILDING LIGHTS BLDG.
 FALKLAND ISLANDS CO.
 SQUARE GRIP

TRINITY
 SQUARE GRIP

THIS DESIGN HAS BEEN BASED ON CONCRETE MIX AGGREGATES AS PER THE MINIMUM CUBE STRENGTH TO BE 5000 PSI PER SQUARE INCH AT 28 DAYS. CONCRETE COVER TO STEEL TO BE 2" SLABS BEAMS COLUMNS FOUNDATIONS. FABRIC NEAR BOTTOM OF SLAB SHOWN IN FULL LINES AND LETTERED THUS. FABRIC NEAR TOP OF SLAB SHOWN BY DOTTED LINES AND NUMBERED THUS.

THE
SQUARE GRIP
 REINFORCEMENT DESIGNS LTD.
 BONDWAY HOUSE,
 BONDWAY, VAUXHALL,
 LONDON, S.W.8.

THIS DRAWING IS THE COPYRIGHT DESIGN OF THE SQUARE GRIP CO. AND MUST NOT BE TRACED OR USED FOR ANY OTHER PURPOSE THAN THAT SPECIFIED HEREON.

THE SQUARE GRIP REINFORCEMENT CO. [CORPORATED] LTD.

Name of job		Drawing Schedule No.		Date	
Cape Pembroke Lighthouse		1/2		1/1	
Name		Drawing Schedule No.		Date	
Fresh Water Tanks				Jan 62	
Location	No.	Bar Size	Total No. of Bars	Length	Remarks
	14	3/8"	20	9'-3"	
	15	3/8"	40	9'-0"	Str.
	16	3/8"	4	7'-0"	.
	17	3/8"	6	15'-9"	.
	18	3/8"	14	12'-0"	"
	19	3/8"	6	6'-6"	.
	20	3/8"	6	4'-6"	.
	21	3/8"	6	7'-0"	.
	22	3/8"	7	5'-0"	.
	23	1/2"	4	4'-6"	.

label all bars 1/

Made by [Signature] Checked by [Signature] Pinned by [Signature]

THE SQUARE GRIP REINFORCEMENT CO. [CORPORATED] LTD.

Name of job		Drawing Schedule No.		Date	
Cape Pembroke Lighthouse		1/1		Jan 62	
Name		Drawing Schedule No.		Date	
Fresh Water Tanks				Jan 62	
Location	No.	Bar Size	Total No. of Bars	Length	Remarks
Base Slab top steel	1	7/8"	12	16'-3"	St.
	2	7/8"	16	9'-6"	.
	3	7/8"	9	10'-0"	.
	4	7/8"	31	2'-6"	.
	5	7/8"	4	4'-6"	.
	6	7/8"	5	17'-0"	.
	7	7/8"	3	9'-6"	.
	8	7/8"	12	10'-3"	.
	9	7/8"	5	8'-3"	.
	10	7/8"	70	12'-4"	
	11	7/8"	76	10'-3"	
	12	7/8"	10	18'-0"	
	13	7/8"	20	11'-9"	

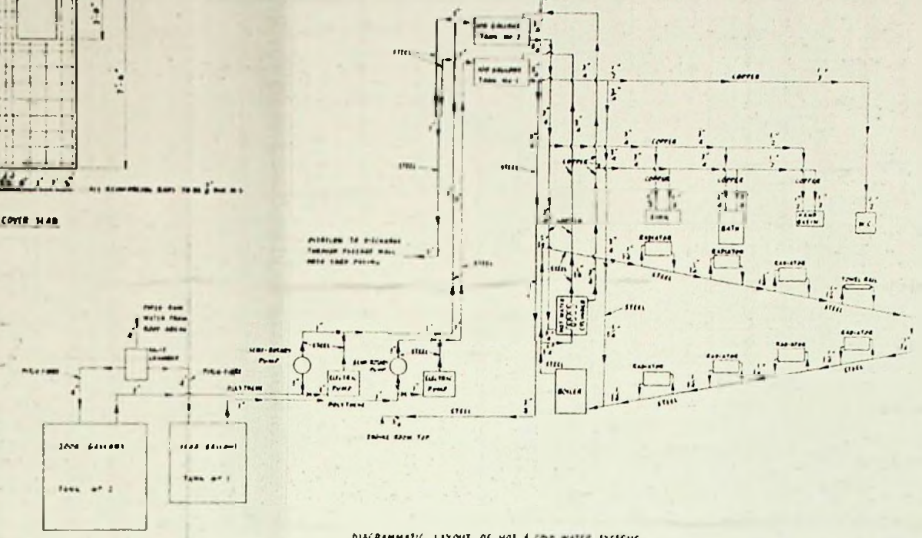
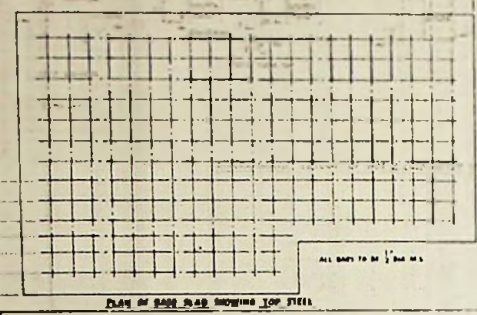
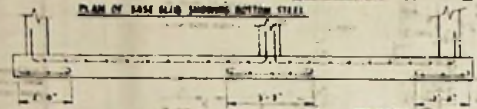
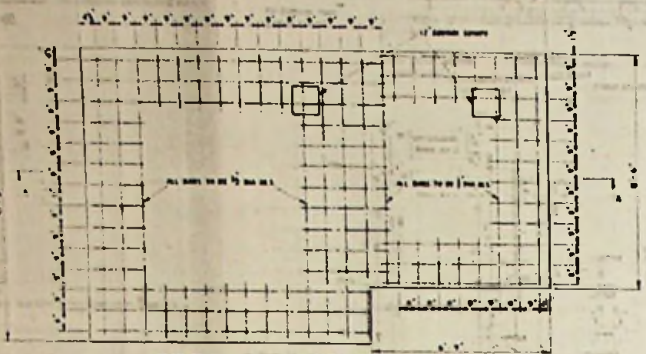
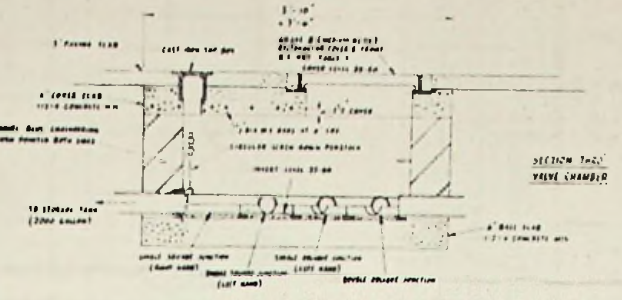
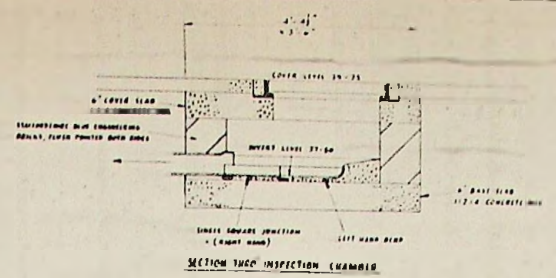
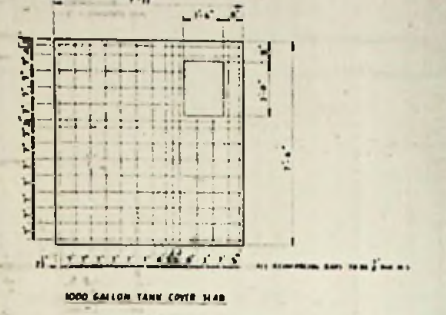
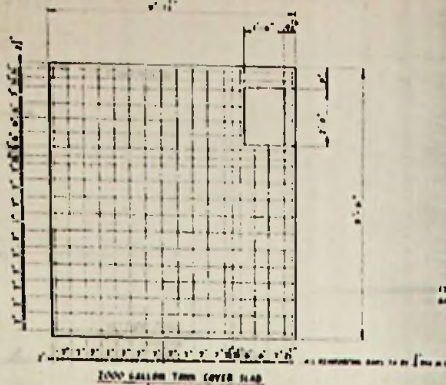
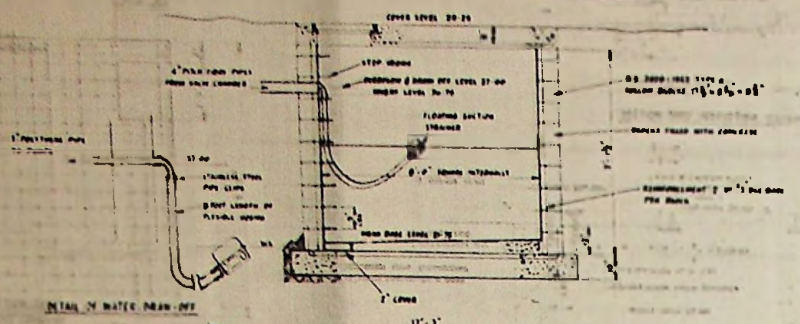
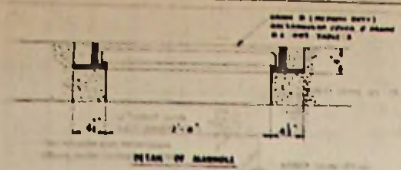
label all bars 1/

Made by [Signature] Checked by [Signature] Pinned by [Signature]

Location	No.	Bar Size	Total No. of Bars	Length	Remarks
Base Slab	1	7/8"	12	16'-3"	St.
	2	7/8"	16	9'-6"	.
	3	7/8"	9	10'-0"	.
	4	7/8"	31	2'-6"	.
	5	7/8"	4	4'-6"	.
	6	7/8"	5	17'-0"	.
	7	7/8"	3	9'-6"	.
	8	7/8"	12	10'-3"	.
	9	7/8"	5	8'-3"	.
	10	7/8"	70	12'-4"	
	11	7/8"	76	10'-3"	
	12	7/8"	10	18'-0"	
	13	7/8"	20	11'-9"	

Dr's No. 96/71

Draw No
F1/6



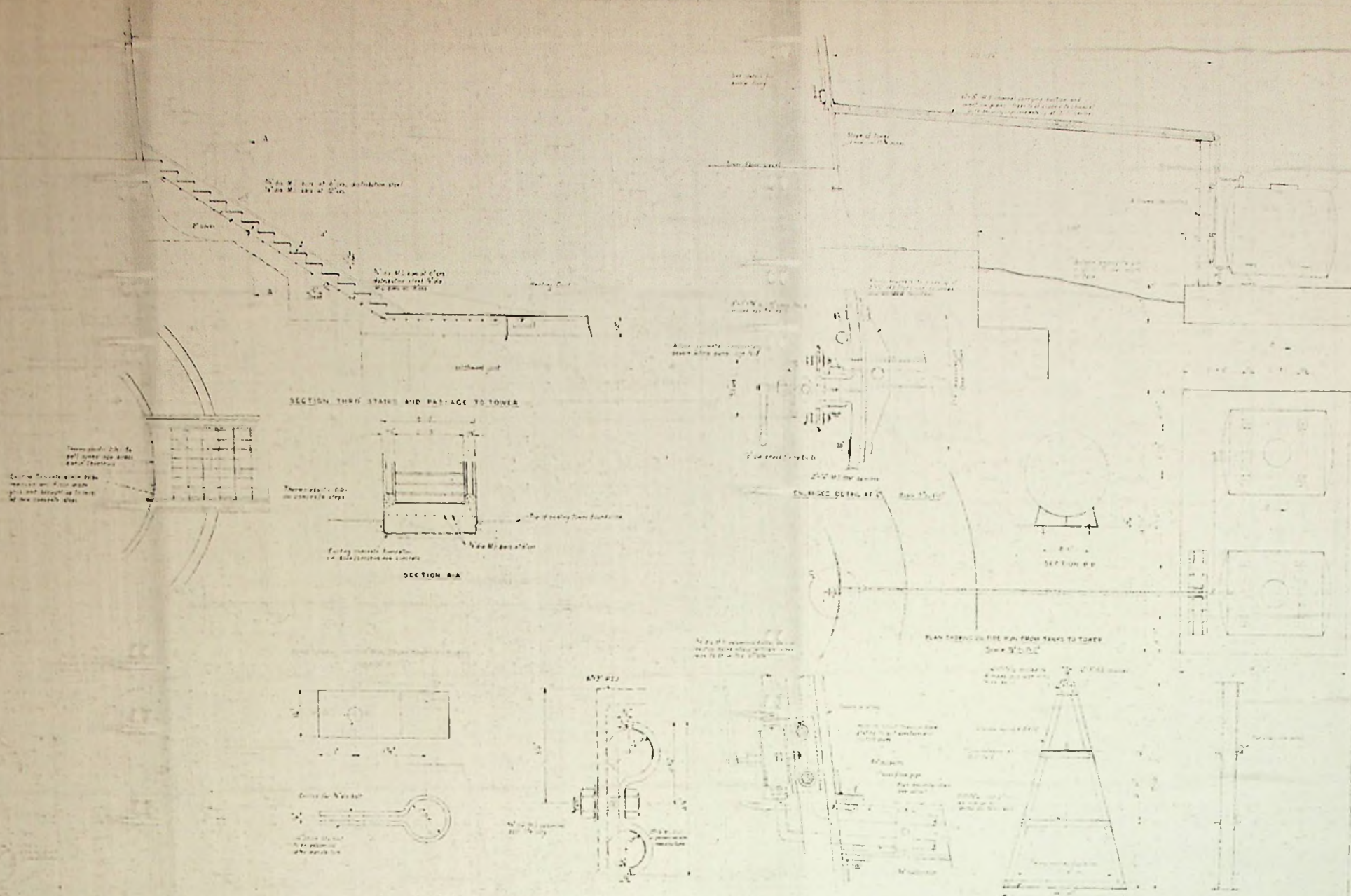
TRINITY HOUSE
 ENGINEER-IN-CHIEF'S DEPT.
 HONG KONG

FALKLAND ISLANDS: CAPE PEMBROKE LIGHTHOUSE
 DETAILS OF FRESH WATER TANKS & CHAMBERS' PLUMBING DIAGRAM

SCALE 1/4" = 1'-0"
 APPROPRIATE
 CIVIL ENGINEER

96/72

DRG. NO. F1/6



TRINITY HOUSE
ENGINEERS DEPT.

FALKLAND ISLANDS CAPE PEMBROKE LIGHTHOUSE
DETAILS OF STAIRWAY TO TOWER & STORAGE TANKS FOR PVB OIL

S6/73

SCALE -
AS SHOWN

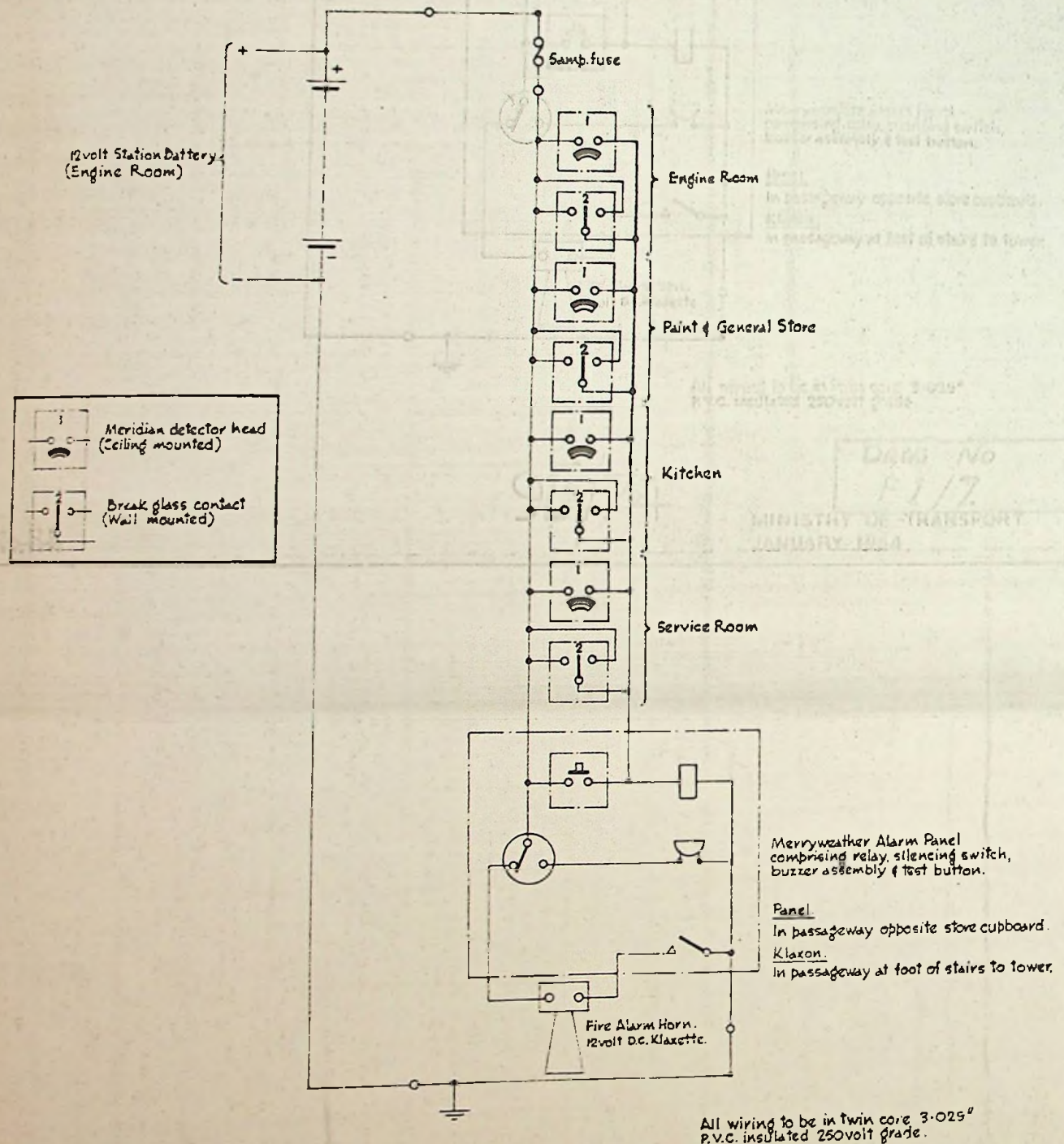
DRWS No.
612/8

A1
A2
A3
A4
A4
A3
A2
A1

DRWG No
F1/7.

FALKLAND ISLANDS. CAPE PEMBROKE LIGHTHOUSE.

DETAILS OF FIRE DETECTION EQUIPMENT.



96/74

DRWG No
F1/7.

MINISTRY OF TRANSPORT
JANUARY 1964

DRG No. F.I.