

# C. S. O.

0 4 2 8

✓ 0428

0428 ✓ 104. I

O  
F  
N  
A

(Formerly)

SUBJECT:

Power Supply - Stanley.

(2) New Power Station

0428

Page 1 (originally 0004/A B.A.K.C. Power Supply).

CONNECTED FILES.

NUMBER AND YEAR.

- |        |   |
|--------|---|
| 98/44  | Fuel and Power Supply of Stanley. - Future Prospects.       |
| 0040/L | C.D.W.F - Power Stn. Stanley (holds Application for grant). |
| 0428/A | Electricity Supply - Stanley                                |
| 1B     | Electric Light in Govt. bldgs. + QFRs.                      |

0428  
A  
B

RETURN TO X3

DECODE.

No. 47.

TELEGRAM RECEIVED.

From SECRETARY OF STATE to GOVERNOR.

Despatched: 28. 8. 47 Time: 17.42 Received: 29. 8. 47 Time: 09.00.

No. 306. Your telegram No. 446. Seaweed.

British American Kelp have decided to abandon project but state that decision refers only to present world economic crisis. Reasons given for this decision are (1) high costs of collection of raw materials (2) prohibitive freight rates (3) large capital outlay at present inflated costs involving high depreciation and amortization of charges.

Company have decided that their representative should complete survey since they hope to resume negotiations when world conditions are more favourable.

Company express regret at having to make this decision and convey great appreciation of assistance received from you.

Saving this follows.

2. It will be ? impossible to obtain new generating plant through trade source by 1949 but Admiralty have said that they might be able to lend Blackstone Engines and Crown agents are obtaining fuller particulars of sets. Do you agree with this course.

G.T.C.  
LJH.

*Reply at 4*

SECRETARY OF STATE.

EXTRACT FROM TELEGRAM No. 306 From S. of S. of 28. 8. 47.

(original filed at 72 in 0004. ) B.A.F.C.

A

.....

2. It will be ? impossible to obtain new generating plant thro gh-trade source by 1949 but Admiralty have said that they might be able to lend Blackstone Engines and Crown Agents are obtaining fuller particulars of sets. Do you agree with this course.

See 73 of 0004 - Title as above.

B

H.E.

a. above.

72 with draft term for conn pl. (68 on refer) in 0004 -  
(intld.) A.B.M. B.A.K.C. - Power.  
29.8.

C

Issue, We shall have to get someone out to supervise erection

(intld) M.C.

29/VIII

I assume we stick to the site originally selected (quarry behind G.H.): how long would it take to build Power House?

DECODE.

4

TELEGRAM SENT.

From GOVERNOR to SECRETARY OF STATE.

Despatched: 30. 8. 47 Time: 12.00 Received: .....Time:.....

2. No. 479. Your telegram No. 306 Seaweed.

Paragraph 2. I agree and would accept offer most gratefully.

GOVERNOR.

P/L.

LJH.

SET.

2 - 3 fi.  
Re. report on C of 3.  
A. S. S.  
31.8

5  
Hon Collee

X | Blackstone mechanics can be erected  
without importing erecting engineer. Plans will  
be made available I presume.

\* 2. For reasons submitted elsewhere, I  
consider the quarry behind G. H. is the most  
suitable site.

3. The OIC PWD could give information  
about the building of new Home House.

AM SET  
2.9.47.

\* 1d, 4B-41d, 5(5) in 0428 VSI I  
(lower supply - Stanley)

(27) in 98/44

Inside Minute Paper.

O.I.C. P.W.D.

A

C on 3 pt. report has long building 2 row house wd. take. It may wish to consult S.E.F. as Ably  
3/5

CS

B

This file shd. include the program conveying final agreement of Admiralty to loan of Blackstones. I assume that if they are incorporated into the Colony power system they would be capable of supplying power to the Naval W.T. by overhead cable?

2. As to X of S opp. while I have full confidence in Mr. Meece, it is taking on a heavy responsibility which I do not think we should put upon him. Techniques have advanced a good deal since he did his training in England and, other considerations apart, I consider it would be helpful to him to work in close contact with an expert. The further consideration is that the plant is expensive only on loan.

I think (subject to anything EE may have to say) plans should be produced by C.A.'s ANC  
15/Xi  
C.A. who shd.

7  
S.E.F. says they would be capable. Ably  
18/11

DECODE.

EXTRACT FROM S. OF S. TELEGRAM No. 411.

Filed in 0492 "F.Is. W/E Station"

TELEGRAM RECEIVED.

From SECRETARY OF STATE to GOVERNOR.

Despatched: 10. 11. 47 Time: 15.40 Received: 11.11.47 Time: 09.00.

.....  
.....  
.....

2. Admiralty agreed loan of Blackstone.

SECRETARY OF STATE.

G.T.C.

LJH.

SET.

To see HE; must be 6 c  
when early through EE. who shd. pay  
c found place of the site but spec

to me first.

2. You will recall that we spoke  
about getting an Executor out & you  
agreed?

ABE  
17.

E.E. To you. please.

AM. SET.  
18. 11. 47.

Honourable Colonial Secretary

Walter thank you & we spoke by telephone 22/XI/47. Am proceeding with  
survey Monday, 24/XI/47. I shall of course have to train a "Chairman"

E. J. Bunting

22/XI/47.



EE.

Notes.

- 2. In view has plans ready for next mail (15 Dec) in good time for evening letter?

ABE  
24.11

Honourable Colonial Secretary.

necessary plans will be sent to you in time for next mail

E. F. Bunting  
25. xi 47.

Rec.  
7<sup>12</sup>  
ABE  
28.11

YE.

6-9

shows me at his stage.

- 2. When we get to ground in will address 8/5 as -
- 6.

ABE  
28.11

See MC 23/xi

ABE

No.

MINUTE.

10

is requested  
in any refer-  
ence to this minute.  
the above Number  
and the date may  
be quoted).

12th December, 1947.

To The Honourable,

The Colonial Secretary,

Stanley.

From The Executive Engineer,

Stanley, Falkland Islands.

Attached please find Drawing No. B.1. of plan of disused quarry.

I have no spare 1/2500 plan of Stanley but assume Crown Agents will have copies. In covering letter to Crown Agents will you please refer to "Map of STANLEY, FALKLAND ISLANDS, 1/2500 Geographical Section, General Staff No. 4466 published by War Office 1943".

Above ref made on  
Drawing B.1. 19/12/47  
SKH

*E. J. Bunting*  
Executive Engineer.

B

Cs

What is position re  
ground-plan of new power-station  
and covering letter to Crown Agents?

They should be instructed to  
make provision in their plans for  
the installation of a fourth  
generator in event of need  
i.e. should Navy return here at  
some time or increased demand  
arise from commercial development  
such as BAKC Discuss with  
SE/T & EE pt.

Mc B. xii

YE

10 B.

I have expanded my

Agree. Out D (not to LAA I think?)

UL. is signed by SET. EE.

Issue

Abel  
15.12

mc

15  
XII

ST. JAMES.

15th December, 1947.

FALKLAND ISLANDS.No. 59.

Sir,

I have the honour to refer to correspondence on the subject of the new Power Station, which, as I informed you in the second paragraph of my telegram No. 446 of 13th August, 1947, will be required in 1949 irrespective of the requirements of the British American Help Company, and in particular to the second paragraph of your telegram No. 411 of 10th November, 1947, where I note with satisfaction the loan of the three Blackstone generators. When they are incorporated into the power system of the Colony they would be capable of supplying power to the Naval W/T station: but in this connexion I have no doubt that the development of the new civil station by the Admiralty, in the event of an emergency, would commend itself to the latter and I have dealt with this aspect of the matter in my despatch No. 47 of 17th November, 1947.

2. A most suitable site for the new power station exists in a former stone quarry on the outskirts of the town, and I now enclose a plan of this site for the information of the Consulting Engineers to the Crown Agents for the Colonies. I should be grateful if you would be good enough to cause it to be sent to them with a request that they will prepare plans for the power station and in due course select a suitable engineer to supervise the installation of the generators.

3. In preparing these plans the Consulting Engineers should be requested to make provision for the installation of a further 150 k.w. generator in case of need. This would suffice for the "pilot" stage of British American Help Company operations, if these should be resumed: while provision of power for the unit stage would be a matter for subsequent consideration in the light of existing circumstances and in particular of paragraph 3 of your telegram No. 111 of 17th March, 1947.

I have the honour to be,

Sir,

Your most obedient,  
humble servant,

(SGD.) MILES CLIFFORD.

THE RIGHT HONOURABLE  
ARTHUR ORRISON JONES, P.C., M.P.,  
SECRETARY OF STATE FOR THE COLONIES.

*Don't forget the*

*plan.*

2. Let EE SE.7 see to it. *ABF*

38 in 0428

7 in this file

in 0492  
"W/T Station"

15 in 0428/1

14



ALL COMMUNICATIONS TO BE ADDRESSED TO THE CROWN AGENTS FOR THE COLONIES. THE FOLLOWING REFERENCE AND THE DATE OF THIS LETTER BEING QUOTED.

4, MILLBANK,

LONDON, S.W. 1.  
29 DEC 1947

W/FALKLAND ISLANDS 5197

TELEGRAMS { INLAND: "CROWN SOWEST LONDON."  
OVERSEAS: "CROWN LONDON."  
TELEPHONE: ABBEY 7730.

0428

*Bill*

AIR MAIL.

Sir,

We have the honour to refer to the Power Plant required for the new Power Station at Port Stanley, and to advise you that the Admiralty have agreed to the loan of the three Blackstone engine driven generating sets which are lying there on a replacement basis, and we are taking immediate steps to order such replacements from the manufacturers. The whole matter has now become so complicated due to the original proposals to equip a Power Station suitable for supplying power to the Kelp Company and to the subsequent decision that this Company will not now operate in the Falkland Islands, at any rate under present conditions, that we shall be glad if you will clarify the requirements.

*for the 25/*

2. It would appear that Indent No. 6/1947 is not now applicable in view of the withdrawal of the Kelp Company and we shall be glad of your confirmation that this indent should be considered cancelled, and in that case possibly you will consider the issue of a new indent covering the supply of generating plant in the new Power Station for the needs of the normal requirements of Port Stanley only. The Consulting Engineers consider that it would be very helpful if you could supply the following information:

*indented*

*for*

- (a) Up to date plan of Port Stanley
- (b) Plan of proposed <sup>power</sup> station site giving all the necessary levels.
- (c) Plan of existing distribution system, and proposed new distribution system.
- (d) Fuel oil storage facilities as opposed to daily service tanks.
- (e) Fresh water supply position.
- (f) Are services of Blackstone erector required?
- (g) Any other particulars which may be considered relevant to the proposed total scheme.

*Lat 12*

The Colonial Secretary,  
FALKLAND ISLANDS.

GFD.

*Reply at 19*

3. We.....

AWIK

15

3. We understand that the Blackstone engines and generator etc., have been lying at the docks in Port Stanley for some considerable time, and we feel that it would be advisable for you to have the equipment thoroughly examined before installation in order that you may be assured that it is in first-class condition.

We have the honour to be,

Sir,

Your obedient Servants,

*Gubson*

for the Crown Agents.

GFD.

SE.T.

AWHK

14-15 for your very early, types remarks in duplicate pl.

*ASB*  
31.12

Hon Col Sec.

16

~~My remarks~~ My remarks are attached on a separate sheet pl.

AM SET  
15.1.48

Hon C. S.

14 - 15 seen.

2. Indent No 6/1947 will not apply under circumstances and should be considered as being cancelled. Shall I prepare the Indent pl.

3. With regard to the information required by The Consulting Engineers, I regret that I have been unable to obtain an up to date plan of Port Stanley and am therefore not able to answer (a) of para 2.

(b) I understand this has already been done by E.E.

(c) A plan of Port Stanley is required for this. I have been unable to get a plan.

(d) The only tanks available are one at 2000 gallons, one at 3050 gallons, one at 4500 gallons and one at 7200 gallons. Gas oil and Diesel oil is received in 40 gallon drums and when necessary drums are used for storage.

(e) Water supply will be better if power station is built in the disused quarry, however, this summer has shown that ample water supplies are not always available. The E.E. should confirm.

(f) See ~~Ref~~ 12 para 2.

(g) Some provision might be considered for installing plant of smaller output to meet very light load periods which might be considerable during late night and early morning, as well as during holidays.

4. Para 3, as an erector has already been asked for perhaps he could do the overhaul required. I agree it should be done.

A. Mercer  
S. D. T.  
15.1.48

ACS  
This must be answered by next mail. A plan of Stanley is essential - must be produced.

17

2. 16 § 3(d) In. has - pp. about this matter?

3. R. let E.E. see then I will discuss with him SE.T. on Monday 19.1.48 at 11 a.m.

Abel  
17.1

E.E. A  
As in 3 above, pl  
Alford  
17.1

H.C.S. B.  
held by and will attend Secretariat at 11.00. Monday 19.1.48.

E.F. Bunting 19.1.48.

C.  
Spoke E.E. SE.T.

By 26.1 Abel  
15.1

D.  
This must be ready for H.E. to consider on when, pl.

Abel  
26.1

E.  
SE.T. you are dealing with this matter?

Alford  
28.1/48.

F.  
H.C.S. Plan with existing distribution in Red proposed distribution in Blue. Submitted.  
Remarks have been made on the plan in pencil.

AM SE.T.  
31.1.48



YE

A

12-17 with Dr D. to J/S for con. - I think it wd. be well not to confine ourselves to letter to the CAA. such as I also submit for approval before issue.

2. The Incident is being prepared.

C.B.  
12/12

B

I spoke.

2. We must tread rather warily - CAA had a right of course to commit us to 'immediate replacement' until authority was given by us and I shd. certainly not be prepared to do so until the Blackstones have been examined professionally and reported upon.

3. The next step is to press the case about future Admalty requirements and refer also to the scrapping of an ~~area~~ plant when they look over and substitution of a complicated set up which it is quite unpracticable for us to run temporarily at a distance of 3 1/2 - 4 miles. My own idea was that we shd. pay rent for the B'stairs or alternatively buy them (or 1/2 of them) on the Drage system.

φ

But we must tread delicately - "softer, softer catches monkey!"  
M.C. 13/2

0428/II/18

11th February, 48.

Gentlemen,

14  
7

I am directed by the Governor to refer to your letter N/Palkland Islands 5197 of the 9th of December, 1947, regarding the Power Plant for the new Power Station at Port Stanley, and to say that in his telegram No. 411 of 1947, the Secretary of State for the Colonies notified this Government that the Admiralty had agreed to the loan of the Blackstone generators without stipulating any condition regarding replacement. It is observed that you are taking immediate steps to order replacements for these generators from the manufacturers, and the Secretary of State for the Colonies is being addressed in this connexion. In view of his telegram, this Government is not prepared to accept liability for ~~the charge~~ immediate replacement. Nor would it be willing to do so on any event until the generators have been examined & reported upon.

and on account of other considerations which the attention of Their Lordships has been invited

2. I am to confirm that Indent No. 6 of 1947 is not now applicable and that it should be considered cancelled.

3. I am now to enclose a new Indent No. (5/48) covering the supply of electrical materials for the new Power Station to meet the normal requirements of Stanley, together with an ample reserve available for the use of the W/T Station should circumstances again necessitate its being taken over and expanded by the Admiralty.

4. In accordance with the suggestion of the Consulting Engineers conveyed in your second paragraph I am to say:-

(a) and (c) an up-to-date plan of Stanley is enclosed showing the present distribution in red and the proposed distribution in blue. It is proposed to use the present wiring with an additional two wires for the 3-phase wire system. At present the town is split into two main circuits and two minor circuits. The proposed arrangement is to divide the town into four areas, each for the three phase four wire system. Area 3 and Area 4 using step down transformers from a H.V. line from the generator station; and the problem has been to utilise as much of the existing wiring as is compatible with the change in site of the Power Station.

(b) a plan of the site of the proposed Power Station was transmitted to the Secretary of State for the Colonies under cover of Despatch No. 59 of the 15th of December, 1947. It shows the levels but the actual plan has been left for the

See 22, 30

The Secretary for the Colonies,

Whitehall, Westminster,  
London, S.W. 1.

consideration of the Consulting Engineers. Regard should be had, however, to the fact that the plan should provide for the extension of the buildings to house further plant in the event of the British American Kelp Company commencing operations here.

- of
- (d) the only tanks available are one/2000 gallons, one of 3050 gallons, one of 4500 gallons and one of 7200 gallons. Gas oil and Diesel Oil is received in 40 gallon drums and when necessary drums are used for storage. Examination of the problem of storing diesel oil pumped ashore in bulk from tankers is under consideration.
- (e) adequate fresh water for cooling purposes is available.
- (f) services of Blackstone erector are required.
- (g) some provision might be considered for installing plant of smaller output to meet very light load periods which might be considerable during late night and early morning, as well as during holidays.

3. I am to confirm your third paragraph and to say that the erector might well carry out the necessary examination.

I am,

Gentlemen,  
Your obedient servant,

(Sgd.) A. C. MATHEWS  
Colonial Secretary.

The term, *expanding* to Adams' intentions (to see as the Black. Shows) is being shown by N.O.I.C. to H.E. to Day. Please include it here when it comes in: *h* with pp. about 1.5  $\phi$  n 18

1.92 (10)  
10/12/15

## NAVAL MESSAGE.

Revised  
December, 1935.

S. 1320b.

For use in  
Signal  
Department  
only

A

Originators Instructions:  
(Indication of Priority,  
Intercept Group, etc.)

Codress/Plaindress

No. of  
Groups:

TO: C in C A.W.I. (R) N.O.I.C. FALKLANDS

FROM:  
ADMIRALTY.Write  
Across

Approval has been given to sell outright to the Falkland 5

Islands Government the three 150 k.w. Blackstone generators 10

now lying at Port Stanley. 15

2. Request facilities may be afforded the Governor's 20

representative to examine these engines. 25

291807A. April. 35

CS.

B

This will require some earnest thought and a bit  
of bargaining; have we anyone competent to report upon the  
generators?

MC L

We await reply from S/S?

PP  
1.1.1.

System

P/L Code or Cypher

Time of  
Receipt Despatch

Operator

P.O.O.W.

22

GOVERNMENT TELEGRAPH SERVICE,

FALKLAND ISLANDS AND DEPENDENCIES.

**RECEIVED.**

Number	Office of Origin	Words	Handed in at	Date
7	London	62	17.20	3.5.48

To

Secretary Stanley

19

Reference your letter number 0428 11th February Admiralty now suggest you purchase outright and they will make own arrangements for replacement full stop Understand cost to you will certainly be less than present day cost fullstop Suggest you immediately examine plant and telegraph instructions fullstop If this offer not acceptable delivery of new plant will be over two years Crown Agents.

Reply at 24

AP  
15

Time

10-16-48 0428/2

YE.

21, 22 Ask S.E.T. to make  
a preliminary survey of the Blackstones  
in company with a representative of the  
N.O.I.C.?

Yes.

✓

2. He must have been, anyway.

3. B on 21 Has 1 misinterpreted

No

His wishes at 18 B § 3? I thought  
these instructions w. be operative after  
he had received a reply to 19. i.e. a  
week long. Thus the date of a  
was not fair as it obviously needs  
amplification — wh. I now propose to go  
it on the lines indicated.

Yes.

✓

S.S.

10492/19 and 0492/13 below an above

MC 6

S.E.T.

Re. arrange as in § 1 Supra. I  
has asked N.O.I.C. who will by  
arrange. respond. 6.5

2.5.

A

The examination of the Blackstone machines and equipment was commenced Monday 10<sup>th</sup> May.

2. The Admiralty have no packing slips nor have they any information as to what the plant consists of. In view of this it is necessary for us to open all the cases to examine everything for breakages. Does this meet with your approval please?

3. Some of the cases have been damaged to such an extent that the machinery has been shaken out through the wood casing, in the heavy packages, and one case of switches has also received severe damage.

I would be pleased to receive your early instructions on para 2 above, when all staff can be employed to expedite examination.

SM. SET  
12.5.48


B

SET.

I assume that in § 2 of A you mean 'N.O.I.C.'?

2. Re. proceed as you propose. The urgency is indicated in 22.

3. You will doubtless work in collaboration with O.T.C. Naval W/T Section?

  
B.S.

How 2.5.

Sorry I mean the NOIC.

2. I have spoken with the NOIC and the OIC W/T Station regarding the opening of cases and the OIC W/T Station will be prepared to inspect anything which appears to be damaged, or will verify anything we might find not in order.

3. B para 3. Yes in full.

SM. SET

Y.E.

24 f. only. by 14.5

Seen MC 14 ✓

21.5/14.5

SET.

Shd. like report on examination  
upon HE's when, H.

21.5

Hon. Col. Sec

The examination of the Blackstone gener  
sets was completed on Friday 21<sup>st</sup> May.

The equipment shows slight corrosion with  
and damage is superficial

Small parts of one engine have been removed  
and are as follows:-  
1 Lubricating Thermometer  
1 Governor Hand Wheel  
1 Governor Spring.

We cannot be certain that all copper fuel pipe  
is intact as Specifications of the plant are not  
available.

It is assumed that there should be two more  
cases for the water cooling system and one more  
case for engine hand parts.

The Generating sets appear to be in reasonable  
good condition considering the time they have  
been packed and the storage facilities which  
have been made available.

JM SET  
25. 5. 48

See C  
on

(27)

X

Not out here  
22  
29



DECODE.

TELEGRAM.

24  
26

From The Colonial Secretary.

To The Crown Agents for the Colonies.

Despatched: June 9th 19 48 Time: 16.10.

Received: ..... 19 .. Time: .....

22 Your telegram 3rd May. Blackstone equipment examined. Plant shows slight corrosion with rust and small parts appear to have been lost (e.g. one thermometer one governor handwheel and one governor spring). Damage otherwise superficial.

2. There are no plans, handbooks, electrical diagrams or specifications. Grateful if such could be supplied by airmail.

3. Grateful indication possible cost.

G.T.C.

COLONIAL SECRETARY.

L JH.

See 38  
25-26 A: L  
11.6

27

A

CO

What about X on 25? Have the cases  
been up? Finding which ought we not to  
inform CA?

me 12<sub>vi</sub>

SET?

SET  
B.  
Will you please say  
Phines  
12.6.48

How C.5

C

Since X on 25 was written, the case numbers indicating  
contents were found in packing slips at the Naval WTI station.  
Para X on 25 should now be deleted please.

J.M. 521

14.6.48

SET.

ie. the articles are in fact present?

by  
16.6

Am c.s.

yes. Packed in one case instead of in 3 cases

AM SET  
16 C 48

YE.

27. 28 f.

by  
17.6

Seen. I suppose I shall have to

handle the Admiralty about this?

me 17  
VI

YE

Before we finally set for London

I will B.C. to wait for reactions

to 26 f3.

by  
17.6

me 18  
VI

Box 306  
24.6  
1916

Q.A. Is there anything in the mail?

by  
30.6

EARLY RE  
30/6

W/EM1/Falkland Is. 5197

29

Communications to be addressed to the Crown Agents for the Colonies, 4, Millbank, London, S.W.1, and the above reference quoted.



4, MILLBANK, LONDON, S.W.1.

TELEGRAMS: { INLAND: "CROWN SOWEST LONDON" }  
{ OVERSEAS: "CROWN LONDON" }

TELEPHONE: ABBEY 7730.

4th June, 1948.

AIR MAIL



SE 17

Sir,

We have the honour to refer to the proposed new power station and to enclose copies of letters dated the 19th March, 15th and 27th April, which we have received from Messrs Preece, Cardew and Rider in connection with this matter.

30  
32  
33

We have not previously forwarded copies of these letters, because in view of your letter of the 11th February, we were not clear as to the position and whether you agree with the proposal from the Admiralty that you should purchase out-right the Blackstone driven generating plant lying at Port Stanley. We telegraphed to you on the 13th May advising you of the Admiralty's suggestion, and understand that the Admiralty telegraphed instructions to their representative in the Falkland Islands /instructing

19  
22

The Colonial Secretary,

FALKLAND ISLANDS.

AWHK/AS

Reply at 159

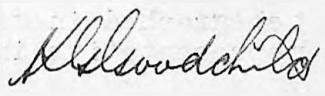
29A

instructing that facilities be given for examination of the plant.

It would now appear that before we can proceed further we must await your decision, as if you do not propose to take over, you may not wish us to execute indent No.5/43 in its entirety.

We shall be glad to receive your further instructions and comments on various points raised by the Consulting Engineers.

We have the honour to be,  
Sir,  
Your obedient servants,



for THE CROWN AGENTS.

TELEPHONE: WHITEHALL 6505 (4 LINES).  
TELEGRAMS: CREEPHOLE, PARL. LONDON.  
TELEGRAMS: CREEPHOLE, LONDON.

PREECE, CARDEW & RIDER  
CONSULTING ENGINEERS.

8 &amp; 10, QUEEN ANNE'S GATE,

WESTMINSTER, S.W.1

30

SIR ARTHUR PREECE.

JOHN BELL.	C. H. PICKWORTH.
TUDOR JACKSON.	H. J. LONDON.
CYRIL LAWTON.	V. H. WINSON.

J. F. ST. G. SHAW. E. B. COCKS.

CONSULTANT J. H. RIDER

19th March, 1948.

The Chief Engineer (Contracts),  
Crown Agents for the Colonies,  
4, Millbank,  
Westminster, S.W.1.

Sir,

Falkland Islands 5197

With further reference to our letter of the 8th March we enclose herewith a copy of our drawing No. 7974 showing the proposed arrangement of generating plant etc. and power station building for Port Stanley, Falkland Islands.

This layout has been based on the assumption that all the plant and materials ordered under the Admiralty contract will be available at site and is generally in accordance with the layout of the station as shown on Blackstone drawing Nos. 18854 D/1, /2 and /3 except as follows:-

1. The heading of the water cooling plant for No. 1 set has been reversed in order to keep the layout of all the sets uniform.
2. The design of the building has been altered to suit the new site conditions and also to allow for future extensions to accommodate 600/800 KW. sets if ever required.
3. Provision has been made for the future installation of a 10 ton hand operated travelling crane.
4. The switchgear, comprising three generator control panels and five feeder panels, has been arranged on a raised platform and will allow for future extensions. The exciter control cubicles will also be erected on this platform.
5. Space has been allowed for a workshop and an office for Station Engineer.

We would point out that the layout as shown on our drawing No. 7974 will involve some modifications to the pipework arrangements for the various services shown on the Blackstone drawings but as the pipework is to be supplied in random lengths we do not anticipate that any difficulty will be experienced in carrying out the proposed modifications.

We have indicated the floor level in the station at approximately 88.5 feet but we shall be glad if the Falkland Islands will confirm that this level is in accordance with their requirements. A definite decision in regard to the floor level in the station is essential as this level will have a definite bearing on the design of the foundations for the plant and also

See 52the

*This would only be likely to arise if RN returned and greatly expanded plant w/ft requirements, if BAKC came (I am not sanguine about their doing so) it might be better to let them have their own plant on the other side of the Camber.*

The Chief Engineer (Contracts).

19.3.48.

the design of the steelwork etc., for the station building which we presume will be handled by your Designs Department.

--- We also enclose herewith one air mail copy of our Drawing No. 7974 which we shall be glad if you will forward to the Falkland Islands for their approval and any comments they wish to make.

In addition to the layout as shown on Drawing No.7974 we would mention that the following details will also have to be considered:

List.

- ✓ (a) Draining of the site.
- ✓ (b) Fresh water supply to the station.
- ✓ (c) Workshop equipment, tools, stores etc. ✓
- ✓ (d) Lavatory and wash up accommodation.

We are, Sir,

Your obedient Servants,

PREECE, CARDEW & RIDER.

Enclosures.

**AED/NRM.**

TELEPHONE: WHITEHALL 6505 (4 LINES).  
TELEGRAMS: CREEPHOLE, PARL, LONDON.  
CABLEGRAMS: CREEPHOLE, LONDON.

**PREECE, CARDEW & RIDER**

CONSULTING ENGINEERS.

SIR ARTHUR PREECE.

JOHN BELL.	C. H. PICKWORTH.
TUDOR JACKSON.	H. J. LONDON.
CYRIL LAWTON.	V. H. WINSON.

J. F. ST. G. SHAW.	E. B. COCKS.
--------------------	--------------

CONSULTANT J. H. RIDER

32  
8 & 10, QUEEN ANNE'S GATE.

WESTMINSTER, S.W.1

15th April, 1948.

The Chief Engineer (Contracts),  
Crown Agents for the Colonies,  
4, Millbank, S.W.1.

Sir,

W/Falkland Islands 5197.

Further to our letter of the 21st January with particular reference to switchgear we enclose herewith tender form covering additional feeder control switchgear units etc. required for banking up with the three existing alternator control units to form a complete switchboard. In the absence of any definite information from the Falkland Islands regarding the distribution system we have assumed that five feeder control units (one for power station requirements and four for outside distribution circuits) will meet the immediate requirements but we shall be glad if you will refer this point to the Falkland Islands for confirmation.

It will be noted that the requisition number has been omitted from the tender form as there is no indent to cover the supply of this equipment and we presume that you will insert the necessary references. We estimate that the cost of the five feeder control units will be £1,100.0.0.

We are, Sir,

Your obedient Servants,

Enclosures.



PREECE, CARDEW &amp; RIDER

8 &amp; 10, QUEEN ANNE'S GATE,

CONSULTING ENGINEERS.

WESTMINSTER, S.W.1

SIR ARTHUR PREECE.

JOHN BELL. C. H. PICKWORTH.  
TUDOR JACKSON. H. J. LONDON.  
CYRIL LAWTON. V. H. WINSON.

J. F. ST. G. SHAW. E. B. COCKS.

CONSULTANT J. H. RIDER

27th April, 1948.

The Crown Agents for the Colonies,  
4, Millbank,  
S. W. 1.

Gentlemen,

W/Falkland Islands 5197.

We thank you for your letter of the 16th April, together with the copy of the Colonial Secretary's letter dated 11th February which accompanied Indent No. 5/48 dated 12th February.

We beg to comment on paragraph 4 of the Colonial Secretary's letter as follows:-

- (a) and (c). It is noted that it is proposed to use the existing distribution system as far as possible with the addition of two lines to convert the single phase system into a three phase four wire system as required. As it is not clear from the plan showing the proposed distribution system which existing single phase circuits will be converted into 3-phase 4-wire circuits, we are not able to check the quantities given in Indent 5/48.
- (b) The proposed layout of the Power Station is shown on our Drawing No. 7974 submitted with our letter of the 19th March, and we presume that we will be receiving comments from the Falkland Islands in due course.
- (d) We note that the question of bulk storage of diesel oil is under consideration.
- (e) It is noted that there is an adequate supply of fresh water for cooling purposes, and presume that the necessary supply mains will be run to the new power station site.
- (f) Inquiries regarding the services of an erecting engineer have been issued to Messrs. Blackstone & Co.
- (g) The question of installing a small generating unit to take care of light load periods is a matter for decision by the Government, and will to a large extent be dependent on the estimated demand and the service to be given. In view of the prolonged deliveries for oil engine driven generating units and associated equipment, an early decision in this connection is advisable. In addition, provision will have to be made in the layout of the power station if such a unit is to be installed.

Tanks ordered; provision made under PWE revised, 1948

RN Paxmans? Three at 2 at Winton Station.

SGT. estimates normal consumption, initially, at 100 k.w.

See 52

With

The Crown Agents for the Colonies.

27.4.48.

With regard to Indent No.5/48, we beg to submit the following observations for the consideration of the Falkland Islands:-

The specified high tension voltage of 2,000 volts is not a recognised British standard, and all supplies to suit such a voltage would normally be covered by 3,300 volt equipment. We therefore beg to suggest that the standard voltage of 3,300 volts be adopted for the H.V. distribution system and associated equipment. The voltage ratio of the 250 kVA. step-up transformer will therefore be 400/3,300 volts and 3,300/400 volts for the step-down transformers. *change*

Under Items 2 and 3 it is noted that the 75 kVA. and 50 kVA. step-down transformers are required for pole mounting, but we consider that transformers of these capacities will be too heavy and cumbersome for such mounting. The weight of a 50 kVA. transformer is approximately 2,000 lbs. and the overall size 4'0" long by 3'0" wide x 4'6" high. We beg to suggest that if ground space is available at the positions where the step-down transformers are to be located, they should be placed at ground level in a suitably fenced area. The area required for a 75 kVA. transformer will be approximately 8'0" x 8'0". *yes*

With regard to the control gear (Item 4) for the H.V. and L.V. sides of the 250 kVA. transformer, it is proposed that the H.V. side be controlled through a 3,300 volt oil switch fuse attached directly to the transformer. The low tension side will be controlled through an oil switch on the main power station switchboard. *yes*

With regard to the control gear (Item 5) for the H.V. and L.V. sides of the step-down transformers, we would point out that if the suggestion of placing the step-down transformers at ground level is agreed, the control gear for the H.V. side can be arranged in a similar manner to that proposed for the 250 kVA. step-up transformer. Connection to the H.V. overhead line can be made by cable through a pole mounting end box. The control of the L.V. side of the step-down transformers can be arranged through a pole mounted gang operated switch fuse, and connections between the transformer and the switch fuse can be made by cable through a pole mounting end box. *yes*

If the above suggestions for the transformers and control gear are approved, the arrangement can be standardised for all transformers, and before drawing up the necessary tender forms we shall be glad to have your approval to these suggestions. *yes*

With regard to the bare copper strand required under Items 6 and 7, the equivalent British standard sizes are 7/.136 (0.10 sq.in) and 3/.147 (0.05 sq.in.) respectively, and with your approval we propose to specify these standards for these two items. *yes*

We presume that the Dee irons required under Item 15 are to be suitable for erection on the wooden poles under Item 14, and we are arranging accordingly. *yes*

It is noted that the crossarms required under Item 19 are to be similar to those supplied under Indent I.85/34.

The Crown Agents for the Colonies.

27.4.48.

As we cannot trace having handled this indent, and we understand that your records have been destroyed, we have to assume that the crossarms are to be suitable for 3-phase 4-wire distribution, and we are arranging to have the crossarms drilled accordingly. Yes

We note that no high tension cable has been ordered. Such cable will of course be required for connections between the step-up transformer in the power house and the H.V. overhead line, and also between the overhead lines and the step-down transformers. H.V. pole mounting end-dividing boxes will also be required. Yes.

--- We enclose herewith two extra copies of this letter for transmission to the Falkland Islands.

We are, Gentlemen,

Your obedient Servants,

PREECE CARDEW & RIDER

Enclosure.

A

Go me in error?

JET & EE to examine and report upon my returns

MC 5/vii

JE

B

Maybe - but I cannot comment usefully at this stage.

This was submitted in error: but  
merely preliminary.

2. 28 No reply yet to  
26 § 3.

3. 29 JE. will wish to read.  
The question of terms on which we take  
over is extremely vital. I do not re.  
comment 'replacement': If we have  
to purchase, later does it value  
of plane as it stands here?

(4. As at § 2 of A on return).

C

by  
5.7

→ We have enquired 26(3). Note for  
further action in U.K.

D.

MC 5/vii

Noted on schedule resp. p.

4

6.7.

No.

0428

MINUTE.

(It is requested that, in any reference to this minute the above Number and the date may be quoted.)



3rd July, 19 48

To Hon Colonial Secretary

Stanley

From Supervisor E & T Dept,

Stanley, Falkland Islands.

*A*

Mr Hennah, Superintendent Power House has asked whether in view of the Blackstone Generators becoming the property of the Government, he will be allowed the job of installing the machines. He is quite capable and we can handle the electrical equipment without difficulty.

*A. M. M. M.*

Supervisor E & T

3rd July 1948

*SEED*  
*B.*  
*11 x 12 ?*  
*7.7*  
*5.7*

Record. Recalled from *S.B.T* on ACS's instruction 8.7.48.

*E.S.A.*

0428/II

30

DECODE.

TELEGRAM.

No. 35.

From The Crown Agents for the Colonies.

To The Colonial Secretary.

Despatched: July 7th 19 48 Time: 17.00.

Received: July 8th 19 48 Time: 09.30.

<sup>26</sup>  
Your telegram 9th June. Generating plant. Plans and handbook being sent you airmail. Cost of plant will be telegraphed as soon as Admiralty can furnish particulars. Please confirm you are taking over as we are proceeding to order material to Indent 5/48.

Reply at 39

P/L.  
LJH

CROWN AGENTS.

list for London. (This is a HE)  
C. J. 8.7

DECODE.

TELEGRAM.

From The Colonial Secretary.

To The Crown Agents for the Colonies.

---

Despatched : July 8th 19 48 Time : 14.40.

Received : ..... 19 .. Time : .....

38 Your telegram 7th July. Generating Plant. I confirm.

COLONIAL SECRETARY.

G. T. C.

LJH

40

A.

S.E.T.

Now as at 37 B pl

*[Signature]*  
27/48

B.

How Col Lee

X on 12 was decided because Blackstones were  
to be loaned. Some machines will not be returned to Admiralty,  
as was probable at that date. X on 5 is true. Further more  
the plant has been examined by local staff and found  
not to be nearly so complicated nor so formidable a proposition  
as was inferred by naval authorities.

AM SET  
14. 7. 48

If S.E.T. can put up a <sup>briefly</sup> strong case I will  
telegraph it to H.E.

*[Signature]*  
15.7



A.  
 S.E.T.  
 As in 40<sup>c</sup> pl.  
 d.d. 15-7-48  
 B.

Hon Col Sec,

While Mr Hennah would ask for additional emoluments if the request was approved, the cost of installing would be considerably less than with the employment of a Blackstone Engineer.

Subject to being able to purchase, sufficient steelwork already exists in the Colony to provide a suitable power station building, Labour would be required to dismantle the steelwork but, no freight would be involved.

Before the Town Hall and New Hospital can be provided with electricity the new plant will be required or, smaller new machines will be needed until the Blackstones are fitted.

S E T  
 27.7.48

41

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS AND DEPENDENCIES.

**RECEIVED.**

Number	Office of Origin	Words	Handed in at	Date
6	London	52	17.00	26.7.48

To Secretary Stanley

Generating Station Port Stanley grateful early reply covering points raised by consultants their letters of 19th March 15th and 27th April sent you on 4th June stop Indent required to cover purchase of Admiralty Blackstones comma power station steelwork and additional feeder panels not included on indent 5/48 Crown Agents.

*Reply at 43 SET  
29/7*

Time

DECODE.

Copy to S.E. & T. for information.

TELEGRAM.

43

From The Colonial Secretary.

To The Crown Agents for the Colonies.

Despatched: July 30th 19 48 Time: 11.30.

Received: ..... 19 .. Time: .....

412 Your telegram 26th July. Consultants letters seen by Governor prior to departure for United Kingdom and report upon them being prepared against his return. He intended discuss terms purchase Blackstones while in London.

£10,000 9/1  
understand.

2. View extreme difficulty obtaining steelwork suggest steelwork army cinema be used for power house. Executive Engineer and Supervisor Electrical and Telegraphs consider it suitable strongly recommend and anticipate no difficulty erection. Alternative arrangements storage present contents can be made.

X

3. If plant purchased not loaned Supervisor Electrical and Telegraphs who considers it less complicated proposition than expected still recommends it be erected departmentally. Executive Engineer agrees no difficulty.

4. New plant must operate before Town Hall and Hospital can be provided with electricity..

5. Please request Butler refer this telegram to Governor.

G.T.C.  
LJH.

COLONIAL SECRETARY.

PA 4/5

YE

wished to see his letter.

The question was 'steel work' -

Quite.

see in § 2.

6.5

✓

Have told EE to go ahead - we nu

under 'provision' equally; we shall go  
all the way. 7/ax EE/SB/T

44

A

E.E.

S.E.T.43 for a plan early.

B.

L  
S.S.H.S.

held and am proceeding with plans and detail.

E.H. 8.9.48.

S.E.T. To you early will discuss with you at your earliest convenience.

E.H. 9.9.48.

C.

H.S.

Site inspected and proposed layout discussed with S.E.T and the Hennes on Friday 17 Sept 1948. Naturally there must be slight modifications to the layout shown on the Consulting Engineer's plans as the dimensions of the cinema are different from the dimensions of the proposed building. Thus the only points to be raised as a result of letters 30/31 in this file is the question of foundations to the engine beds as

- (i) The steelwork to roof exists here.
- (ii) E.E. can take care of the drainage, lavatory and water problems.

Once the foundation beds are decided P.W.D. will not require further advice from the Consulting Engineer from a Civil Engineering point of view - but S.E.T. may have comments as

he does not wish the power house to be on the same site as that shown by the Consulting Engineer. Until this is definitely decided I can only go ahead in a general kind of way

S.E.T. - to you early E.H. 18/9/48

How Col Sec.

I consider the Power Station building should be erected east & west, and not so far back in the quarry as planned by the Consulting Engineer.

The immediate advantage is that all oil storage and water cooling tanks will be at the back of the station, thereby helping to keep the site tidy and clean.

2; Switch gear was not included in the Indent 5/48 because we were not aware of what the Blackstone plant consisted of apart from the machines.

The feeder panel and arrangements for parallel running of all machines is essential.

3; While we will have 3 150 KW machines it would be advisable to obtain two smaller diesel generators to meet the very light load periods. During early hours of the morning, weekends and holidays, and for consideration I recommend two machines of the same type but having a continuous rating of 75 to 80 KW.  
4; An oil cleaning plant, centrifugal by Alfa Laval, will also be required, as well as workshop tools for servicing the heavy plant.

5; If you approve, I propose to submit in detail additional equipment considered necessary.

AM. SET  
21.9.48

B

46  
04281E  
A  
DECODE.

No. 52.

TELEGRAM RECEIVED.

From SECRETARY OF STATE to GOVERNOR.

Despatched: 17. 9. 48 Time: 23.05 Received: 18. 9. 48 Time: 09.30.

*This is a remarkable bargain.*

No. 265. I am informed Admiralty have agreed to sale of Blackstone engines and electrical spares "as they lie" for £8500 and of 3 sets class A spares and one set of class C for £1400 F.O.R. works packed for shipment when they become available.

2. Crown Agents advise offer is very favourable and subject to confirmation by you propose to accept.

G.T.C.  
LJH.

*Reply 2618*  
pp (Intld) A.B.M.

SECRETARY OF STATE.

B

EE  
SET.

First, Mr. A. when saying if  
the work to be done anything to be done if  
acceptance. e.g. the sets of spares may  
be relevant to the interests of the S.E.T.  
be in mind?

In any case, in view of the  
the C.A.A. (for the info of the C.E.E.)  
of what is intended to do, as regards

A

- ① use of cinema stallwork and
  - ② into adjustment (ksp of 45)
  - 3. It must be a very urgent.
- If there is likely to be more than 24 hours delay I want to confirm 461 when you can have the top. again.

H.C.S.

B

held by and proposed adjustment will be sent by next mail (air) for consideration by consultants.

S.E.T. To you only

YHS 23/9/48.

Hon. Col. Sec.

C

I would like to know what Class A and Class B items include. C/A could perhaps be asked for details by air mail. Intent I had in mind was for smaller capacity machines, distribution board, cables and workshop equipment. I had intended asking for a list of Standard Spares for the Blackstone from A. this appears unnecessary now.

2. EE will take care of items (2) ① + ② ab

AM. S  
23. 9

D

YE. 46 - 47 with 44 - 45 which explains delay in submission of the file.

2. Receipt 46 A with thanks. ask for details of Class A - C spares for CAA by air?

3. The rest can be dealt with

Yor.  
? Provision.

DECODE.

TELEGRAM SENT.

From GOVERNOR to SECRETARY OF STATE.

Despatched: 25. 9. 48 Time: 09.05 Received: .....Time: .....

46A No. 387. Your telegram No. 265. Blackstones.

Accept with thanks.

2. Grateful Crown Agents furnish by air details of Class A and Class C spares.

GOVERNOR.

G. T. C.

LJH.

AT

47 D 52 ?

285

How is it.

I have included provision of £5000 under  
P.W. for requirements, with a note to pay the balance



49

at 4 hrs.

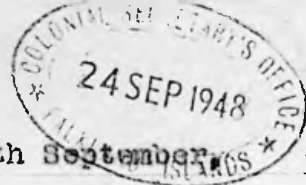
will come from adm. Board of

Gen.

20/9

MEMORANDUM.

As requested  
in any refer-  
ence to this memo-  
randum the above  
number and the  
date may be quoted.



50

24th September 1948.

From The Executive Engineer,

Stanley, Falkland Islands.

To The Honourable,

The Colonial Secretary,

STANLEY.

I have the honour to attach herewith His Excellency's minute of the 24th September, 1948.

- a. There are no records in the Public Works Department of the cost of the concrete apron on the west side of Government House.
- b. On each occasion when materials have arrived at the Public Works Department for Government House they have been despatched immediately, without unpacking, to Government House. Thus the Public Works Department have no records showing what went into individual rooms.
- c. Final cost of extension to Secretariat, already quoted in a minute paper on the subject, was £1035 (One Thousand and Eighty Five Pounds) (*heating system still to be installed*)
- d. Cost of both bungalows (called B.A.K.O. originally and now termed New Quarters) up to present date is £4943 (Four Thousand, Nine Hundred and Forty Three Pounds). Estimated cost for both quarters complete is £6500 (Six Thousand, Five Hundred Pounds).
- e. With reference to His Excellency's telephonic enquiry regarding cost of proposed power house I estimate £6000 (Six Thousand Pounds) for completion of the Civil Engineering work.

The above quoted estimates are at best guesses occasioned by these answers being required the same day as that on which the questions were received.

*E. J. Bunting*

EXECUTIVE ENGINEER.

0428/II

EXTRACT FROM 0428/A (Electricity Supply - Stanley)  
Rates

.....

2. We have been able to acquire the new Blackstones at an extremely favourable figure and since both the Town Hall and Hospital must depend on the availability of adequate electric power, the new electricity supply scheme will be moved up to the head of the priority list and I want to see the plans for the Power House at the earliest possible moment. Work should commence this year with a view to having the generators in position before Mr. Mercer leaves for England; is this practicable? Or should we cable now for a Blackstone erector? I think we must send a telegram to Crown Agents for information of Preece Cardew explaining the position and telling them also about the steel-work now available.

52 X

.....

WH.

(Intld) M. C.

27.9.48

DECODE.

TELEGRAM.

52

From The Colonial Secretary.

To The Crown Agents for the Colonies

Despatched: September 28th 19 48 Time: 16.00.

Received: ..... 19 .. Time: .....

New electric power supply. Following for Consulting Electrical Engineers begins:-

Owing to fact that Town Hall and Hospital will depend on new power supply it will be necessary to get latter installed earlier than previously proposed.

2. Have available locally complete steel frame for power house 84 feet long by 36 feet wide by 13 feet to eaves which can be erected immediately using concrete blocks for walls.

3. Site in quarry as before but orientation of building east and west to suit local conditions. Ample room for future expansion. Note that foundation under engine beds are solid rock.

30 4. All questions raised in your letters No. AED/GJ dated 19th March  
33 and AED/MM dated 27th April satisfactorily settled and suggestions made therein agreed.

5. Confirming letter accompanied by plan of building and proposed interior lay-out follows by air arriving mid-October.

6. Grateful telegraph concurrence with latter and submit any observations upon receipt.

X 33 7. Sub-paragraph (f) your letter AED/MM of 27th April please arrange with Crown Agents to send erecting engineer at once. Ends.

COLONIAL SECRETARY.

G.T.C.  
LJH

C.

I hear an indent has already been sub<sup>d</sup>. for equipment for the new Power Installation; no harm done (on the contrary) but we have not made provision I think.

The over-all cost looks like being

	£
Blackstones	8.500
'A' + 'B' spars	1.400
Power House	6.500
Equipment modified by Consulting Engineers	1.100
Indent 5/48	3.500
Erector. ?	1.000
} Laying power lines &c } Tools	2.000
	<hr/>
	24.000

or, say, £25,000.

It will be very cheap at that, and might well have cost double.

54

We have now to decide how it is to be paid for; all CDW or  $\frac{1}{2}$  CDW and  $\frac{1}{2}$  Cent. ? In either event a scheme for CDW should be prepared forthwith. We shall have to show the amount of true revenue to be derived and can certainly put up a good case for CDW support.

52 Please dispatch t'gram attached, today.

Mc.  
28  
IX

Have we provided for fuel oil tanks in 1948 revised estimates PWE?

Cs.

It with material for  
 reply to enclosures to  
 29 - together with site-plan,  
 and ground plan of proposed  
 building (1 of each to go  
 and 1 of each to be retained).

Reference should be made  
 to 52.

X | As regards application we  
 are going to E-graph position  
 to S.S.S - I would then  
 when discussing Developed Plan  
 that we should be making  
 application true and  
 explain how the matter has  
 been pushed forward.

We have still to decide  
 whether the application is to

56

be for 50% or some other proportion of the whole cost.

X SE/T has been asked to produce figures of anticipated revenue, including of course bank revenue which should be so shown.

MC 30  
IX



No.

MEMORANDUM.

It is requested that, in any reference to this memorandum the above number and the date may be quoted.

30th September, 1948.

To The Honourable,

The Colonial Secretary,

STANLEY.

From The Executive Engineer,

Stanley, Falkland Islands.

I have the honour to enclosed herewith two copies each, of drawings No. B/2 and B/3, in connection with the construction of the proposed New Power House.

2. The production of drawing B/3 followed the discussion on Monday 27th September, 1948 between His Excellency the Governor, the Supervisor, Electrical and Telegraphs Department, and the Executive Engineer as a result of which it was decided,

- (a) That the site of the new Power House would be the old rock quarry.
- (b) That the structural steelwork ex army cinema would be used for the skeleton and that 11" cavity concrete block walls would be constructed.
- (c) That no provision was to be made in the immediate future for engine foundation beds other than 3 No. 150 K.W. Blackstone Diesel generators.
- (d) That no provision was to be made for the installation of overhead 10 ton gantry and lifting crane.
- (e) That the interior layout regarding the workshop, office accommodation etc. would be decided locally and that reference need not be made to the consulting engineers on these points other than inform them of the position.
- (f) That the drainage and water supply services would be locally.
- (g) That the windows would be constructed locally but due provision made for the ultimate inclusion of steelframe windows.

3. Accordingly I should be grateful if one copy each of drawings B/2 and B/3 could be sent by airmail to Crown Agents for onward transmission to the consulting engineers.

4. In addition I attach two copies of suggested draft letters addressed to the consulting engineers which, if approved are also for onward transmission by airmail.

*C. J. Bunting*  
EXECUTIVE ENGINEER.

58

MEMORANDUM

YE 55-59

The rather messy synthesized draft  
of case is submitted for approval, pl.

EE J.E.T. agree & with it.

I have spoken but showing  
his in 1949 Ext. 100 YE raise

in the show £25000 + 2500 for

pos. fuel we tanks = £27,500 = £13750

sent under P. L. E. EDW.

Issue

inc 1/x

3/x

0428/II

1st October,

48

Gentlemen,

29  
52.

I am directed by the Governor to refer to your letter No. W/M.1/Palkland Islands 5197 of the 4th of June, 1948, and to my telegram of the 28th of September, 1948, on the subject of the new Power station and to confirm that Indent No. 5/1948 should be executed in its entirety.

2. I am to furnish the following observations on the letters from the Consulting Electrical Engineers enclosed in your letter:-

30

A. Letter of 19th March, 1948. (i) The site remains as previously indicated but it has now been decided that the orientation of the lay-out should be changed to that shown on enclosed site plan B/2.

(ii) It has proved possible to obtain locally the necessary steel stanchions and steel roof trusses for a building of 84'-0" x 36'-0" x 13'-0" (from floor level to underside of truss) with walls completed with locally-made concrete blocks. Accordingly the lay-out shown in the Consulting Electrical Engineer's drawing No. 7974 has been modified to suit these dimensions, which are shown in Drawing No. B/3 enclosed.

(iii) To minimise fire risks it is proposed that a separate ancillary building should be constructed to house the fuel-settling tanks and water-cooling system.

(iv) It has been decided not to make provision at present for the 10-ton crane.

(v) Proposed floor level. The site chosen is that of an old rock quarry and the limitations of available plant necessitate the minimum possible excavation. No anxiety is felt regarding the safe bearing capacity of the rock foundation.

(vi) Sub-paragraphs (a), (c) and (d). Drainage of site and water

supply to same have been considered and present no difficulty whilst lavatory and washup, office, workshop and "de-greasing room" are incorporated in DRG. B/3.

(vii) Sub-paragraph (b). Workshop equipment tools stores etc. A separate intent for supplying these will be submitted in due course.

32

B. Letter of 15th April, 1948. I am to confirm that the five feeder control units will be required.

33

C. Letter of 27th April, 1948. (a) - (c) This matter will be finally disposed of when the Supervisor, Electrical and Telegraphs Department visits the United Kingdom early in 1949 for discussions with the Consulting Electrical Engineers.

(d) The bulk storage of diesel oil has been considered, the tanks ordered and ample space has been left to erect these on the south side of site.

(g) It is considered preferable to await the installation of the Blackstone generators and to give further consideration to the question of installing a small generating unit to take care of light load periods if it is found uneconomical to use the Blackstones for this purpose.

(ii) A high tension supply of 3300 volts is agreed for all transformers.

(iii) Under items 2 and 3 ground space can be made available for these transformers and a protecting enclosure will be provided.

(iv) The suggestion to standardise the control gear for all transformers is accepted and Consulting Electrical Engineers will doubtless arrange accordingly.

(v) Standard sizes of bare copper strand 7/.156 and 3/.447 under items 6 and 7 agreed.

(vi) Confirmed that Dec irons are for use with item 14 of Intent B/43.

(vii) Confirmed that cross arms are to be suitable for 3 phase 4 wire distribution.

61

(viii) 500 yards of suitable H.T. cable will be required for the transformers as well as five H.V. pole mounting and dividing boxes, also four L.V. pole mounting and dividing boxes to suit cable under item 8.

(ix). I am to enquire whether there are any technical objections from an electrical engineer's point of view to the layout as shown on drawing B/3. Work is to commence on the actual building construction in the very near future, and I am to ask you to inform me if the Consulting Electrical Engineers consider it necessary to make any modifications at the earliest possible moment. I am also to ask to be furnished with their design for the engine foundation beds.

I am,  
Gentlemen,  
Your obedient servant,

(Sgd.) A. B. MATHEWS  
Colonial Secretary.

*Place of envelope  
as per cover pc*

*(59-61 was checked by EE  
before issue.)*

*2. X on 56 f.u.a. pl. then  
/ like D.M. Application in  
a new form*

*S.G.T.  
56 "X" f.u.a. pl.  
D.M.  
4/10/48*

*Recalled 21X-48*

62

Copies to: Treasury, Audit

SAVING TELEGRAM.

From: The Officer Administering the Government of the Falkland Islands.

To: The Secretary of State for the Colonies.

Date: 30th October, 1948.

No. 159 SAVING. STANLEY.

76 in 0040/L  
Power Supply  
Stanley"

By a spatch No. 76 Galsay of the 29th October,  
1948. New electricity installation for Stanley.

Grateful your covering approval for issue of  
Special Warrant for sum of £2,000 to meet expenditure  
up to 31st December, 1948, on the construction of new  
Power House.

Reply at 37

GOVERNOR.

Office  
x ref of 54  
3/5/48

See pages 4-6  
in 0284/P

No. \_\_\_\_\_

It is requested that, in any reference to this memorandum the above number and the date may be quoted.



MEMORANDUM.

63

3rd November 19 48

Hon Colonial Secretary

Stanley

Supervisor E & T Dept.

Stanley, Falkland Islands.

SUBJECT:- Request for an interview by Mr T H Hennah.

64 Letter submitted from Mr Hennah for an interview in connection with his application to install the new generating plant.

Mr Hennah has already been advised that an erector has been asked for from the United Kingdom.

*A. Mercer.*

Supervisor E & T Dept.

3rd Nov. 1948.

See 37 Vol II

40-41, x on 43,

x on 51, x on 52.

*I will see him - P.E.T.  
at any time convenient to  
him - Mercer. C  
S.U.*

Stanley  
2nd November 1948.

Supervisor  
Electric + Telegraphy  
Stanley  
Sir

I may I request an  
interview with the Honourable  
the Colonial Secretary and  
yourself at an early date.  
The subject is in connection  
with the new generating  
plant.

I am  
Sir

Your Obedient Servant  
Thomas H. H. H.  
Dept. Power House

Rec 37 440, 441  
443 83

A.S.

S.E.T. wd. like to leave matter over until Audit  
has completed inspection of S.E.T. a/c's, pl

By all means. / 4.11.48  
be well inform to H. by PA  
4.11

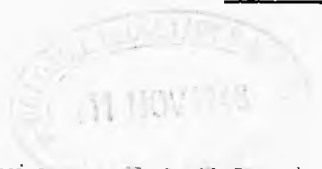


No. 602

MEMORANDUM.

65

It is requested that, in any reference to this memorandum the above number and the name may be quoted.



11th November 19 48

Hon Colonial Secretary

Stanley

Supervisor E & T Dept.

Stanley, Falkland Islands.

66-67

SUBJECT:- Letter from Mr T H Hennah.

Submitted please, Mr Hennah is asking for the work of erecting the Blackstone Generators in the New Power House. I have confidence in his work and feel that with or without an erector work on the transport in any case will require early consideration.

*A. Mercas*

Supervisor E & T  
11.11.48

*See 37  
200  
41  
64*

*pp L  
12/11*

Stanley.  
Falkland Islands. 66  
11th November, 1948.

Sir,

I beg to request that consideration be given to allow me to erect the New Power House Plant.

I have handled similar and much heavier equipment in the Argentine and Chile and for such work I received a certificate of competence from Shaws Limited, Hydraulic Press Engineers, Salford.

I am fully prepared to undertake transport to the site and erection of all plant.

For the work I would require four additional men and would request the present power house staff be employed during off-duty periods, to enable them to gain experience, but for which they would receive additional remuneration at hourly rates for work done. This would help to meet the labour shortage. Except for short periods, when a small gang of men would be required, we would not need to employ more than four men with the present power house staff.

All pipe services for the machines would be undertaken.

The work could be examined by a responsible Naval Engineering Officer when a warship visits Stanley, or a qualified engineer could be nominated by Blackstones and obtained from Monte Video or Buenos Aires for this specific purpose.

To do the work I would ask to be advanced to "A" Class Appointment (equal to Special Grade) at £475 rising to £500 at one year. I have already voted for New Conditions of Service and the above rate would make a considerable difference to my pension, which normally I would have to take about the end of 1949. I have already completed some 19 years in the power house.

On completion of the erection of the plant I would ask to be allowed to work for a further two years at the H. Station - at £500 - to be with the plant for running in period, and also to enable me to qualify for a second class passage to and from the U.K. with all past and present accumulated leave due to me.

X

Should His Excellency not consider my request, I would like to know what my position will be at the work when the Blackstone Director is here. Will I be allowed any additional remuneration for assistance rendered and would I be allowed to remain at the Station for two years and if so would consideration be given to it.

Should my request be favourably received, the question of transport will require suitable hauling equipment and I presume finance for this would be made available. Haulage equipment is available now and work could be prepared for transporting immediately.

I am

Sir,

Your obedient servant

*Thomas H. H. H. H.*

Superintendent Power House.

Hon Colonial Secretary,

Stanley.

(Through Supervisor E & T Dept)

*M. H.*

*C040/4*

YE

65-67

37-41,  
43 § 3

An existing engine is already being con-  
 sidered (see 33 f, 52 § 7) and the Hon-  
 orable has already been informed that  
 he cannot be given the sole responsibility  
 of installing this valuable machinery  
 of which the reasonable cost is in fact  
 due to our responsibilities to its vendors.

---

2. On the other hand, the Honorable's  
 shrewd experience will be most useful -  
 I imagine that the question of an hon-  
 orarium might be considered when  
 Govt. has seen how much is involved.

3. Other than that, we can't bargain  
 at home, the question of his  
 intention also depends on the  
 exigencies of the Service at the time.

4. I have consulted S.E.S. who  
 agrees with the above

5. So why? In any case the  
 existing engine (supposed E.H.) will  
 not likely capture himself to  
 give the Blackstones an

properly set up, besides doing in their  
concrete: that they in fact work in  
Site. If we want him to help  
with advice about distribution, we should  
say so now or that he can be  
briefed by the C.E.E.?

6. But then like to plenty of the  
work for the structure quite out of  
range of his normal duties.

16.4

I cannot see that there is any difference in  
principle between the erection of the new plant and the  
erection of the new W.T. station for which SE/T <sup>quite in</sup> ~~is~~ <sup>charge</sup>  
no additional remuneration.

Mr O'Hara's experience & qualification suggests that he  
might be usefully employed on this undertaking.

M.C. 16/4

I think that  
CEE wd. expect  
him to assist  
generally. SE/T  
will be away for  
some months & we  
must have someone  
responsible in  
charge.



COMMUNICATIONS  
ADDRESSED TO THE  
AGENTS FOR THE COLONIES.  
GIVING REFERENCE AND THE  
NUMBER OF THIS LETTER BEING QUOTED.

DA  
Falk. Is. 5197

4, MILLBANK,

LONDON, S.W. 1.

GRAMS INLAND: "CROWN SOWEST LONDON."  
TELEGRAMS OVERSEAS: "CROWN LONDON."  
TELEPHONE: ABBEY 7730.



Sir,

We have the honour to refer to telegram No. 387 dated the 25th September from His Excellency, the Governor, to the Secretary of State for the Colonies, a copy of which has been forwarded to us by him, notifying acceptance of the Admiralty offer to dispose of the Blackstone engines and spares at a cost of £8,500 for the engines and £1,400 for the spares. In accordance with the second paragraph of that telegram, we now attach a copy of the list of spare parts, which has been sent to us by the Admiralty. We also acknowledge the receipt of your telegram of the 28th September for the Consulting Electrical Engineers and a copy of this is being sent to them for immediate action.

We will communicate with you again, as soon as we have received their observations.

We have the honour to be,  
Sir,  
Your obedient servants,

*J. Leary*  
for the Crown Agents.

The Colonial Secretary,  
Falkland Islands.

SEP  
14

001

Copy filed at 71 in P/117 -  
MR. Hennah's p. file.)

0428/II

18th November,

Sir,

66  
I am directed by the Governor to refer to your letter of the 11th of November, 1948, in which you express the wish to be permitted to undertake the erection of the new Power House plant, and to say that Government appreciates your offer. In view however of the terms on which the Blackstone engines were purchased from the Admiralty it has been considered proper to seek the services of a Blackstone erector, whose engagement is being arranged.

2. It is anticipated that the erector will be expected by the Consulting Electrical Engineers to assist generally in the erection of the new plant but Government is confident that it may count upon your skill and experience in the course of the work which, it is realised is likely to go beyond the limits of your normal duties.

3. In the circumstances it is not possible to give you any undertaking as regards leave and/or passages, or about your age of retirement. At the conclusion of the work you would of course have the liberty to return to the question and ask for such recognition (such as an honorarium) of the duties and responsibilities which you will have discharged.

I am,

Sir,  
Your obedient servant

(Sgd.) A. B. MATTHEWS

Colonial Secretary

S.F.I.

①0 onwards f. i. p.

T. H. H. Hennah,  
STANLEY.

W.C.S.

18.11.48

Hon C S

A

To onwards seen thank you

AM. SET

21. 11. 48

B.

SET

Letter for a line = 71-77?

C.

You Collee

71-77 detached thank you

AM. SET

24. 11. 48

D.

Open

X reference to 75 in li

Annachi p.f. to

E

25/11

A.C.S.

Pl. see endorsement at top of 78

26/11/48.



## NAVAL MESSAGE.

80

0428/2

Senders Instructions  
(Indication of Priority,  
Group, etc.)

Codress/Plaindress

No. of  
Groups

FROM:

R. N. L. O Port Stanley

From CINC AWI further to AM 291807A/April 5

A  
C  
R  
O  
S  
S

Three Blackstones engine generating sets of 150 kw. 10  
each and electrical spares laying at Port Stanley  
Wireless Station Falkland Islands purchased by Crown 15  
Agents for Colonies on behalf of Falkland Islands  
Government and may be handed over. 20

W  
R  
I  
T  
E

2. Price accepted for generators as they lie; 25  
cost of removal and other incidental costs are liability 30  
of purchaser.

3. Arrangements for dispatch from makers of 35  
class ~~Dis~~ <sup>Ac</sup> ~~or~~ <sup>are</sup> when available being made by 40  
Navy Contracts. 45

= 291859 November 1948. 50

System

P/L Code or Cypher

Time of  
Receipt | Despatch

Operator

P.O.O.W.

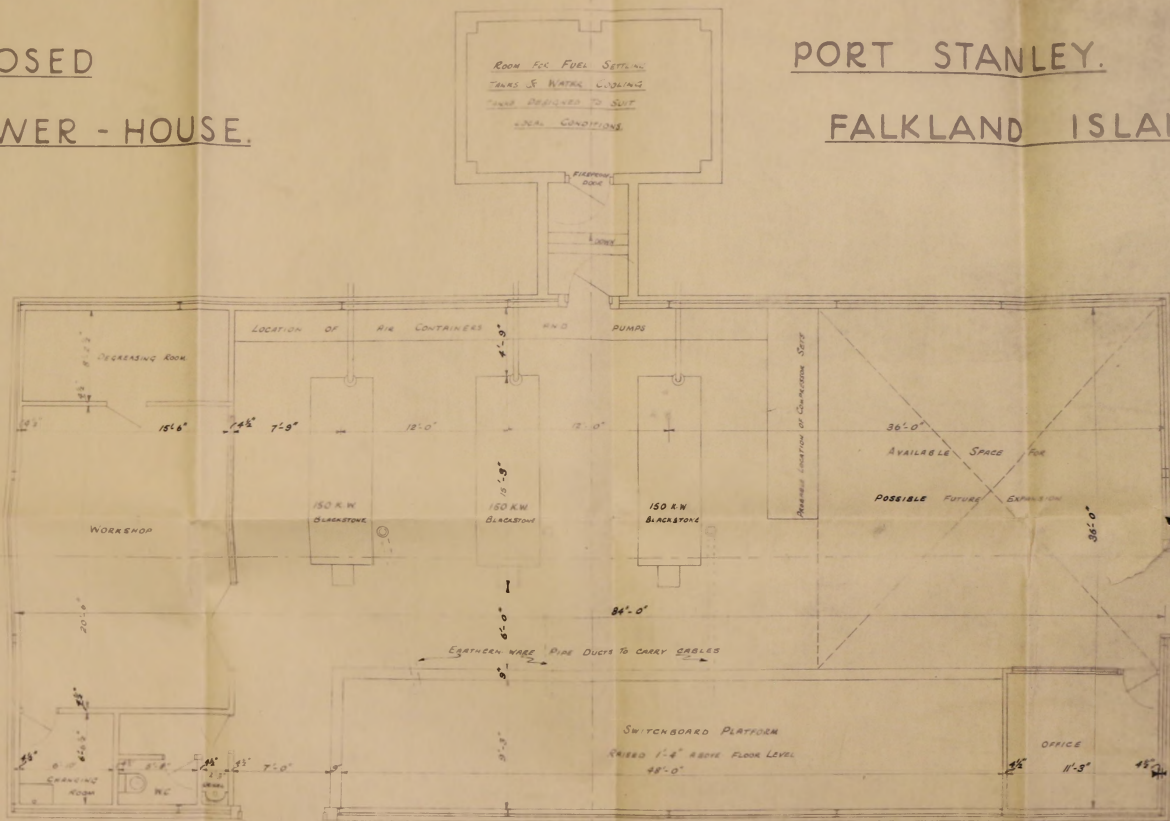
Date

PROPOSED

POWER - HOUSE.

PORT STANLEY.

FALKLAND ISLANDS.



**NOTES**

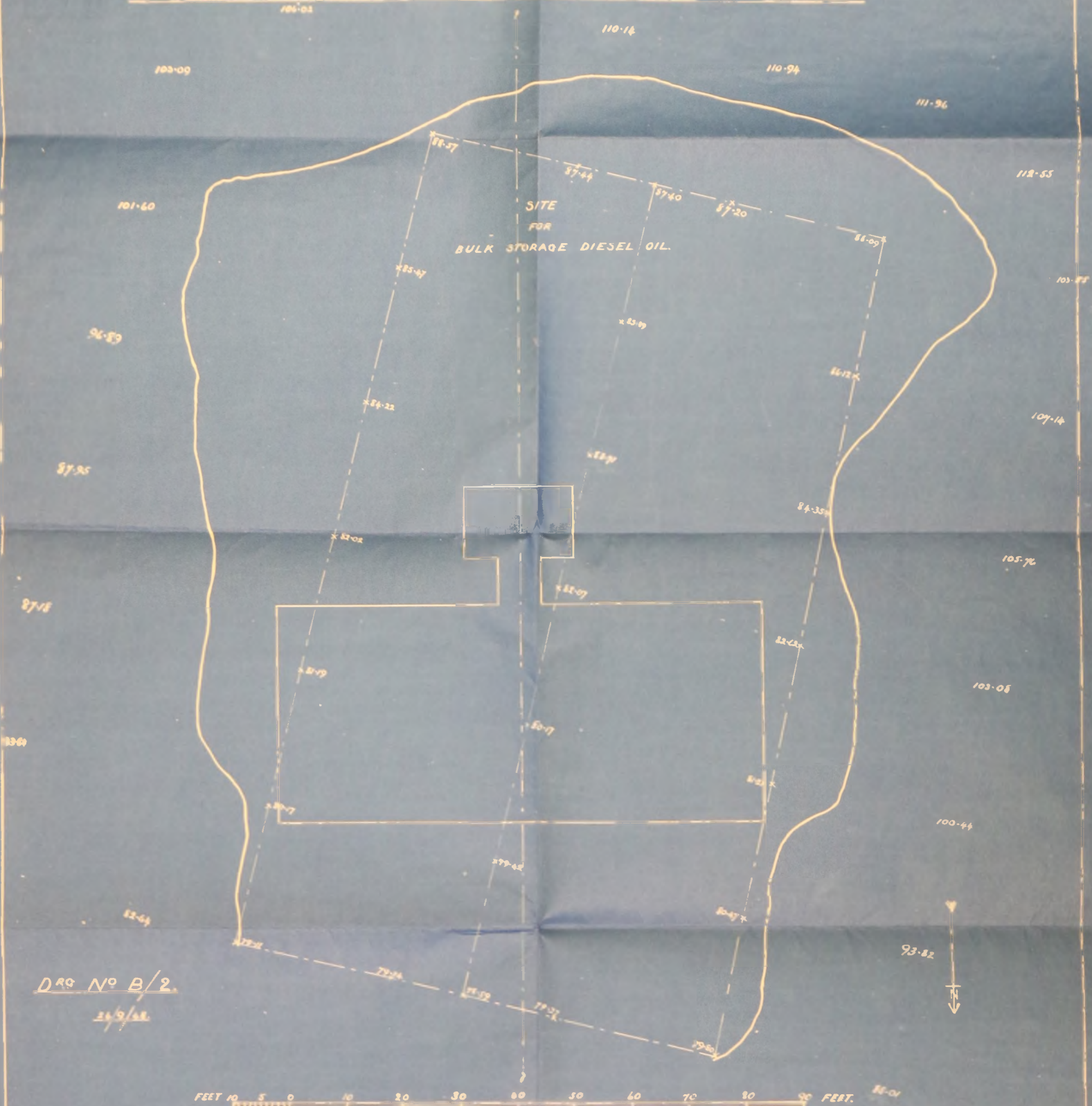
1. WALLS OF MAIN BUILDING TO BE CONCRETE BLOCK
2. CAVITY WITH 7 x 4 R.S.J.'s AT 12'-0" CENTRES
3. EXISTING ROOF TRUSSES ARE COMPOSED OF 3" x 5" & 2 1/4" x 2 1/4" ANGLE SECTIONS AND ARE INCAPABLE OF TAKING LOADS OTHER THAN NORMAL WIND & SNOW.
4. DRAINAGE & WATER SUPPLY WILL BE ARRANGED LOCALLY.
5. NO PROVISION TO BE MADE FOR OVERHEAD GANTRY.
6. ALL WINDOWS & ROOF LIGHTS TO BE ARRANGED LOCALLY.

SCALE 1/4" TO 1'

J. J. Bentley R. Eng. (Hons.)  
EXECUTIVE ENGINEER

DRAWING TO BE USED  
IN CONNECTION WITH PLAN 101

PROPOSED SITE FOR NEW POWER-HOUSE.  
STANLEY, FALKLAND ISLANDS.



D. 40 N° B/2.  
24/6/58.

FEET 10 5 0 10 20 30 40 50 60 70 80 90 FEET.

SCALE 10 FEET = 1 INCH.