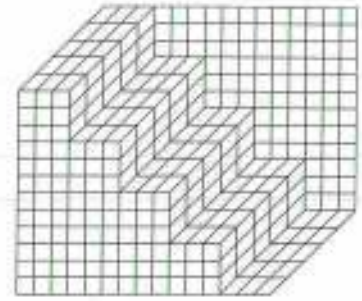


6 August 2008



Buro Happold

Marine Consents & Environment Unit  
6th Floor  
3 - 8 Whitehall Place  
London  
SW1A 2HH

For the attention of Olayinke Omidire

**RE: FEPA Licence – Scoping Request for Hayle “Sand Replenishment Zone”**

Dear Yinka

I refer to a brief conversation with Stephen Lyus, on 6<sup>th</sup> August 2008 regarding scoping for FEPA licence applications.

A FEPA licence scoping is required for a “Sand Replenishment Zone” to be established in St Ives Bay. This would allow the re-introduction of dredged sand back into the St Ives bay sand cell. The dredged sand is clean beach sand, without any silt content, removed as part of the maintenance dredging of the harbour navigation. A maximum of 53,000t per annum is permitted to be removed as part of the dredging licence we have with Penwith District Council.

It is proposed that a percentage of this sand (currently 20%) may be put back into the bay in order to naturally recharge the bay and beaches. This recharge would be a natural process as it is intended that the sand is deposited at sea and not direct to the beach. This is a proposal agreed in principle with environmental consultees and Cornwall County Council. The remaining 80% is sold for beneficial use.

To undertake this, it is proposed that a marked zone of 100m x 100m is provided using buoys in St Ives Bay. The exact position will be determined following further survey of the sea bed in order to ensure that there are no environmentally sensitive habitats in that zone.

I have attached the following to assist you in scoping the FEPA requirements:

- Site Location Plan (A4 – Goggle Maps)
- Bay Plan with proposed “Sand Replenishment Zone” (A3) from <http://www.wavehub.co.uk/>
- Plan showing SSSI sites taken from <http://www.wavehub.co.uk/>
- Extract from Navigation Chart indicating “Sand Replenishment Zone”
- Key Fishing Grounds taken from <http://www.wavehub.co.uk/>
- Hayle Harbour Maintenance Dredging Zones – CSK009 Rev01

It would be very useful if you could confirm receipt of this letter and attachments by return (e-mail is appropriate) with an estimate as to when you will be able to respond to this request. We have a maintenance dredging meeting with consultees on 30<sup>th</sup> October 2008 and it would be very useful to know the FEPA requirements by this date.

**Buro Happold Limited**  
Camden Mill  
Lower Bristol Road  
Bath  
BA2 3DQ  
UK

Tel +44 (0)1225 320600  
Fax +44 (0)870 787 4148

I will be sending a separate letter regarding a further FEPA licence required as part of the proposed harbour development for the "Harbour Works".

Should you require any additional information or need to discuss the proposals further then please do not hesitate to contact me.

Yours sincerely  
on behalf of Buro Happold Limited

A handwritten signature in black ink, appearing to be 'WA', with a long horizontal stroke extending to the right.

Wayne Adams  
Associate  
ddi 01225 322884  
email wayne.adams@burohappold.com

Copy to Maintenance Dredging Consultees (EA, RSPB, NE, PDC, CCC)

Ref 022961 FEPA



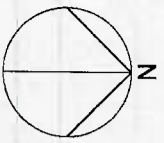
Address **Hayle, Cornwall**  
**UK**

Notes Hayle, Cornwall  
Location Plan



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St Ives Bay



Indicative sub-sea 24kV cable route

**Key Plan:**

-  Wave Hub development site boundary
-  Site of Special Scientific Interest (SSSI)

There are no Special Areas of Conservation, Special Protection Areas or Ramsar Sites in the vicinity of the development.

**Notes:**

Rev	By	Chgd	Date	Description



Paul & Paul Ltd  
Chartered Engineering Firm  
10, The Square, St Ives, Cornwall, UK  
Tel: 01842 444282 Fax: 01842 444501  
www.paulandpaul.com



**Halcrow**  
Group

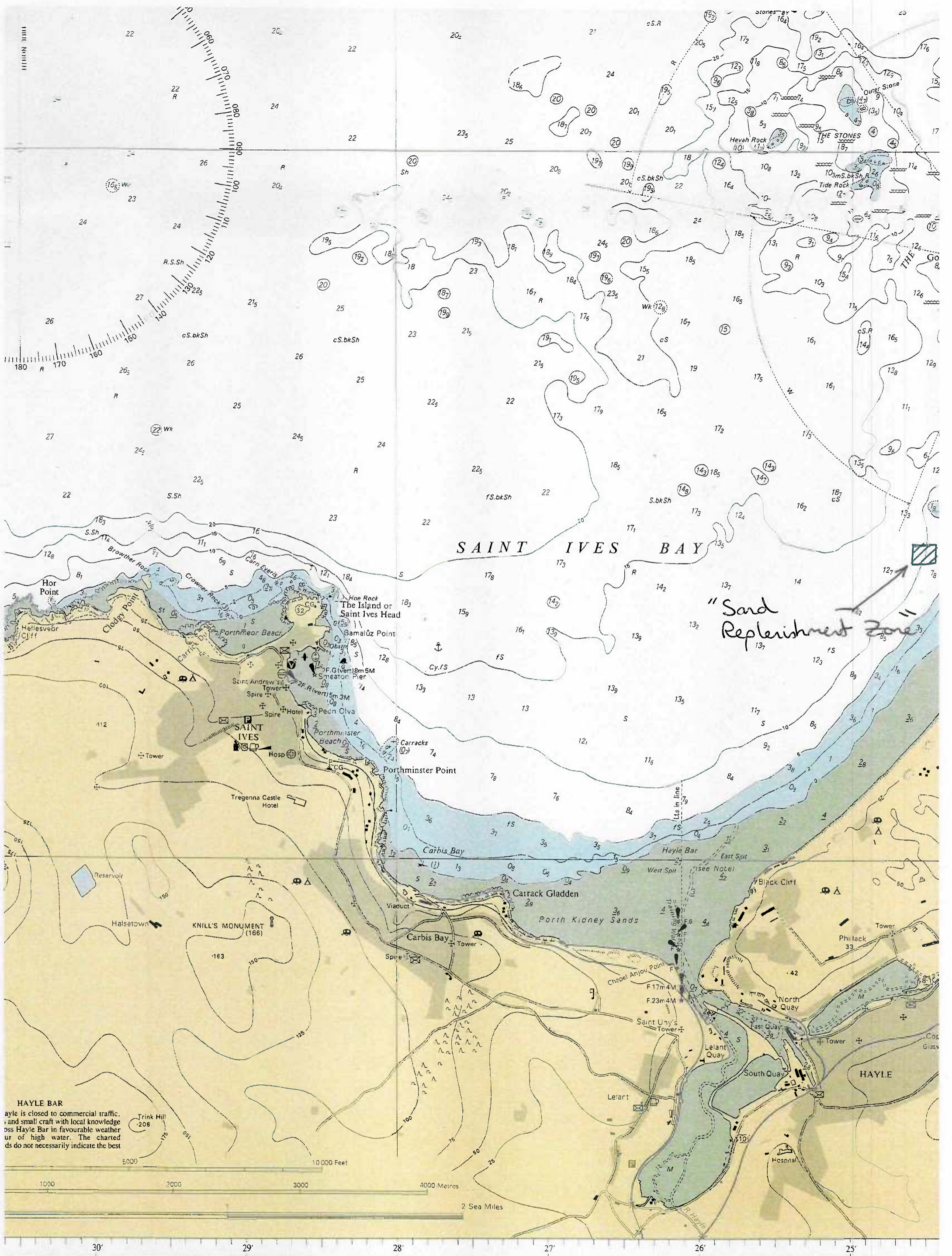
**WAVE HUB  
DESIGN & DEVELOPMENT**

**WAVE HUB  
BOUNDARIES OF DESIGNATED  
NATURE CONSERVATION SITES**

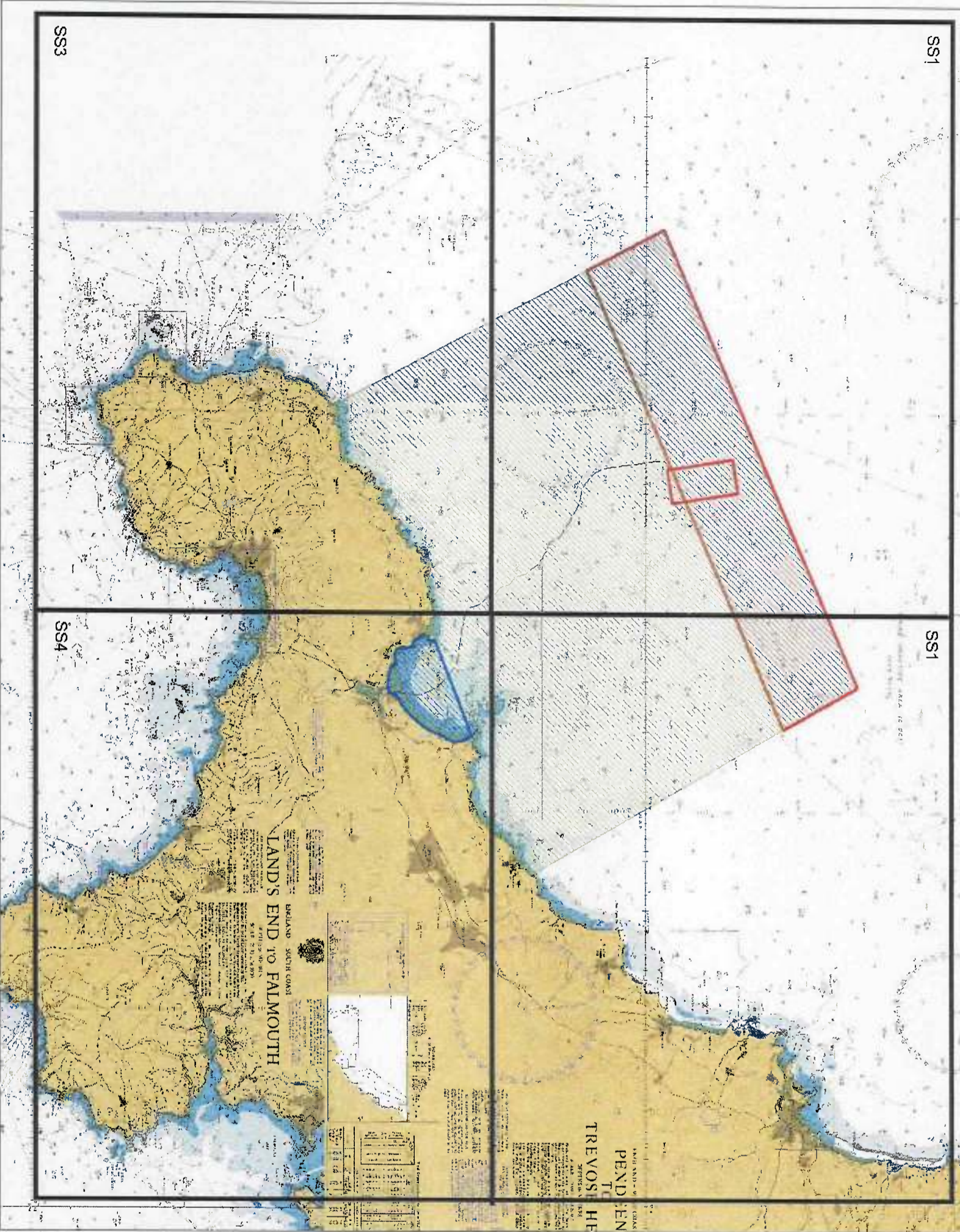
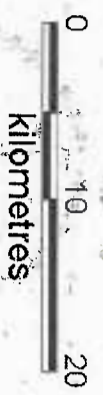
Drawn by: DJP	Date: 14/06/2006
Checked by: JB	Date: 14/06/2006
Approved by: AET	Date: 14/06/2006
Drawing No: WGEHDD/025	Revision: -






**FOR APPROVAL**

Drawing Scale: 1:10,000 at A2



**HAYLE BAR**  
 Hayle is closed to commercial traffic, and small craft with local knowledge pass Hayle Bar in favourable weather or of high water. The charted depths do not necessarily indicate the best



- Legend**
-  Inshore Ground
  -  Middle Ground
  -  Offshore Ground
  -  Proposed Site to Shore Cable Route
  -  Proposed Wave Hub Site (New Deployment Area)

**Notes**

**Coordinate System:**  
WGS 84

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**Client**

**No Window**

Halcrow Group Ltd  
Ash House  
Falcon Road  
Sowton  
Exeter  
EX2 7LB

**Consultant**

**No Window**

EMILLI Ltd  
1 Mill Court, The Sawmills  
Durley, Southampton  
SO32 2ZD  
United Kingdom  
Tel: +44 (0)1493 880059  
Fax: +44(0)1493 880051

**Project Title**

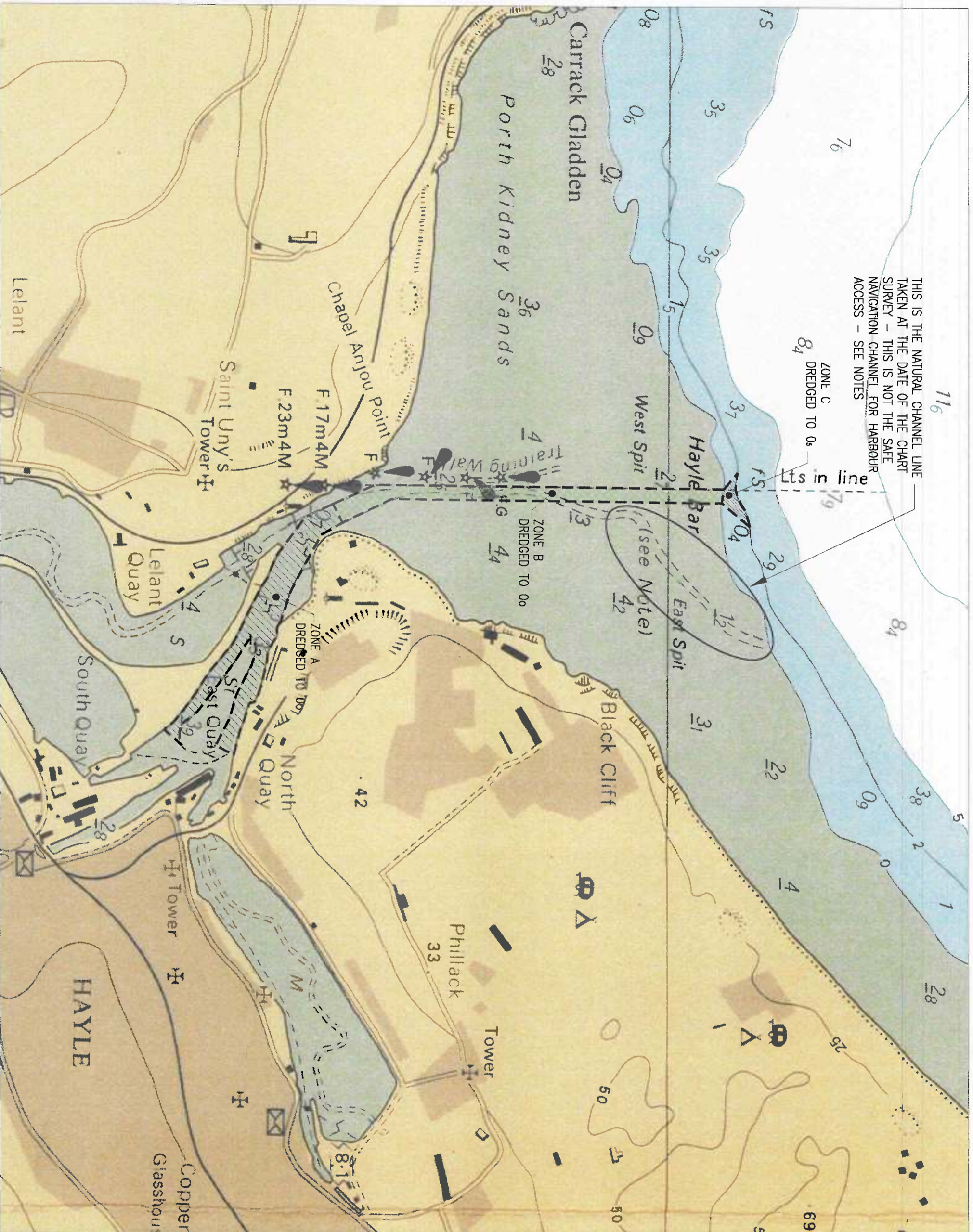
Wave Hub Fisheries Surveys

**Drawing Title**

Key Fishing Grounds  
Within Wave Hub Study Area

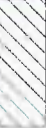



Job No.	Date Issued	<b>Figure 13</b>	
J1/06/0182	2/5/06	Drawn by	Checked by
Sheet Size	Scale	RLC	JXL
A4	1:3.5 km	Revision No.	

THIS IS THE NATURAL CHANNEL LINE TAKEN AT THE DATE OF THE CHART SURVEY - THIS IS NOT THE SAFE NAVIGATION CHANNEL FOR HARBOUR ACCESS - SEE NOTES



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**Notes**  
DREDGING ZONES AS REFERRED TO IN PENWITH DISTRICT COUNCIL DREDGE LICENCE

-  ZONE A  
INNER HARBOUR
-  ZONE B  
HARBOUR ENTRANCE
-  ZONE C  
BAR
-  DREDGE LIMITS  
ALLOWING FOR SIDE SLOPES

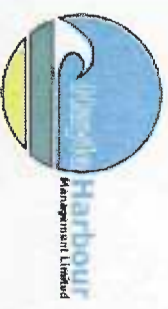
THE PROPOSED DREDGE ZONES B & C ALONG THE "LTS IN LINE" CHANNEL ARE AS UNDERTAKEN FOR PREVIOUS MAINTENANCE DREDGING ACTIVITY - REFER TO HARBOUR MASTERS LETTER

01 NAV CHART 21/4/08 MP/WA  
REPLACES O/S MAP FOR IMPROVED DETAIL

Rev Description/Date Dm:ckk

**INDICATIVE**

Status of drawing



**Project Hayle Harbour**  
Drg Title MAINTENANCE DREDGING  
ZONES A, B & C

Scales: A3 1:10000

Drawn by MP  
Checked by WA  
Date APRIL 2008

Job No. 022961 (BURO HAPOLD)

Drg No. CSK009

Rev 01