

- 1.4 Risk associated with poor communication between operatives. Contractor to include proposals in Health and Safety Plan e.g. All operatives to ware high visibility yellow vests to ensure good visual communication. All operatives to be not less than 15m apart at any one time within eye and ear shot. All operatives to be equipped with
- two-way radio communication equipment. 1.5 Risk to the Public associated with deck access hatches. The works are located under and adjacent to public access areas. Contractor to include proposals in health and Safety Plan e.g. Deck access hatches to remain down at all times except during access. Temporary service barriers to be installed around
- hatches in use. 1.6 Existing services — mains electricity, water supply, communications, surface water and foul water drainage services are all located under the pier deck along the l length of the pier
- 1.7 Fire Hazard Of particular concern on this site is the risk of fire and the contractor's attention is drawn to the 'joint code of practice on the projection from fire of construction sites and buildings undergoing renovation' 6th edition 2006. The contractor will be expected to comply with all relevant provisions and recommendations included in the code of practice and with and with the client's fire prevention rules and emergency procedures.
- 1.8 Banging head/unconscious. Contractor to include proposals in Health and Safety Plan e.g. All personnel to wear hard hats at all times.
- 1.9 Risks associated with adverse weather conditions e.g. wind and tides. Contractor to include proposals in Health and Safety Plan e.g. Works to be planned in advance and to take account of weather conditions e.g. tides and work areas.

a)No working permitted when wind exceeds force 6 Beaufort scale, no working in wet or icy conditions. b) No work under the pier deck during the 90 minute period up to and after high tide, subject to weather conditions.

c) Operatives to be accompanied by at least 2 No. competent persons both with mobile telephones/radios on their person.

- Safety Plan e.g. Walkway should not be used in areas where fresh or foul water is spraying near suspected electric cables or appliances, or in areas where sea spray is present. Areas of concern should be reported to the Pier management for remedial work.
- 2.5 Falling, working at height over water. Contractor to include proposals in Health and Safety Plan e.g. Operatives to take precautions and ensure they have a three point
- 2.6 Ensuring a safe work area. Contractor to include proposals in Health and Safety Plan e.g. consider the use of scaffolding out work areas with appropriate edge protection or work restraint system as appropriate.
- 2.7 Fatigue caused by travelling to and from work area. Contractor to include proposals in Health and Safety Plan e.g. some areas of work are a distance away from existing hatches/access. Contractor to consider minimising travel by cutting new
- hatches local to work areas etc. 2.8 Working adjacent to and below live railway track.

LEVELS						
DESCRIPTION	LEVEL (OS DATUM)					
APPROX DECK LEVEL	5.2m*					
HAT	3.3m					
MHWS	2.9m					
MHWN	1.8m					
MLWN	-1.5m					
MLWS	−2.4m					
LAT	−3.1m					
* LEVEL VARIES AT	REBUILT PIER HEAD					

NOTE:-

SEE DRAWINGS 12211-15-P03 TO 122211-15-P06 FOR SCHEDULES AND LOCATIONS OF MEMBERS TO BE REPAIRED



ISSUED FOR INFORMATION

ISSUED Revision	FOR INFORMATION	28.07.2016 Date	L.R.S By	– Rev. No.
Client	SOUTHEND-BY-SEA B	OROUG	SH COU)UNCIL
Project	SOUTHEND PIER			

KEY PLAN AND TYPICAL SECTIONS

EMERGENCY REPAIRS



HEMSLEY ORRELL PARTNERSHIP CONSULTING CIVIL & STRUCTURAL ENGINEERS HOP House, 41 Church Road, Hove BN3 2BE Tel: +44 (0)1273 223900 Fax: +44 (0)1273 326767 E-Mail : engineers@hop.uk.com

www.hop.uk.com										
Scales	Date	Drawn	Engineer	Checked	Approved	HOP Contact				
AS SHOWN	27/07/16	L.R.S	N.P.C	N.P.C	-	N.CHASTON				
Project No.		Task No.	Dwg. No.		Rev. No.					
12211		23	LBC06		_					