



BED LEVEL VARIES ALONG THE QUAY. CONTRACTOR TO REFER TO BATHYMETRIC DATA AND ARCHIVE DRAWINGS

REFER TO DRAWING 130138/5001 FOR PILE WORKS

DRAWING FOR ILLUSTRATION PURPOSES ONLY AND NOT FOR CONSTRUCTION

Condition surveys and archive drawings for existing PCW are included in site information. Refer to 130143/5000 for location.

- Notes:
- Strengthening works required to accommodate a 10.0T/m<sup>2</sup> blanket load.
  - Concrete to be C40/50 Grade.
  - 70mm COVER
  - Overslab reinforcement - H16 @100mm crs. each way
  - Existing deck concrete strength to be verified with core sample testing. Minimum required compressive cylinder strength = 25N/mm<sup>2</sup>
  - Existing concrete substrate to be prepared by suitable mechanical means prior to concrete pour.
  - SikaTop Armatec-110 bonding primer to be applied to existing substrate prior to concrete pour. concrete to be applied 'wet on wet' to primer.
  - Typical H32 dowel length = 650mm
  - All dowels to be fixed with Hilti HIT-RE 500 in accordance with manufacturer's instructions.



Client: PORT OF DUNDEE EAST REDEVELOPMENT

Project Title: MARINE WORKS PCW DECK STRENGTHENING

**FAIRHURST**

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Rev.	Date	Description	Drawn	Checked	Approved
C	13/01/20	REVISED TO SUIT CLIENTS COMMENTS	SB	MD	MC
B	08/01/20	REVISED TO SUIT CLIENTS COMMENTS	SB	MD	MC
A	23/12/19	MINOR REVISIONS	SB	MD	MC