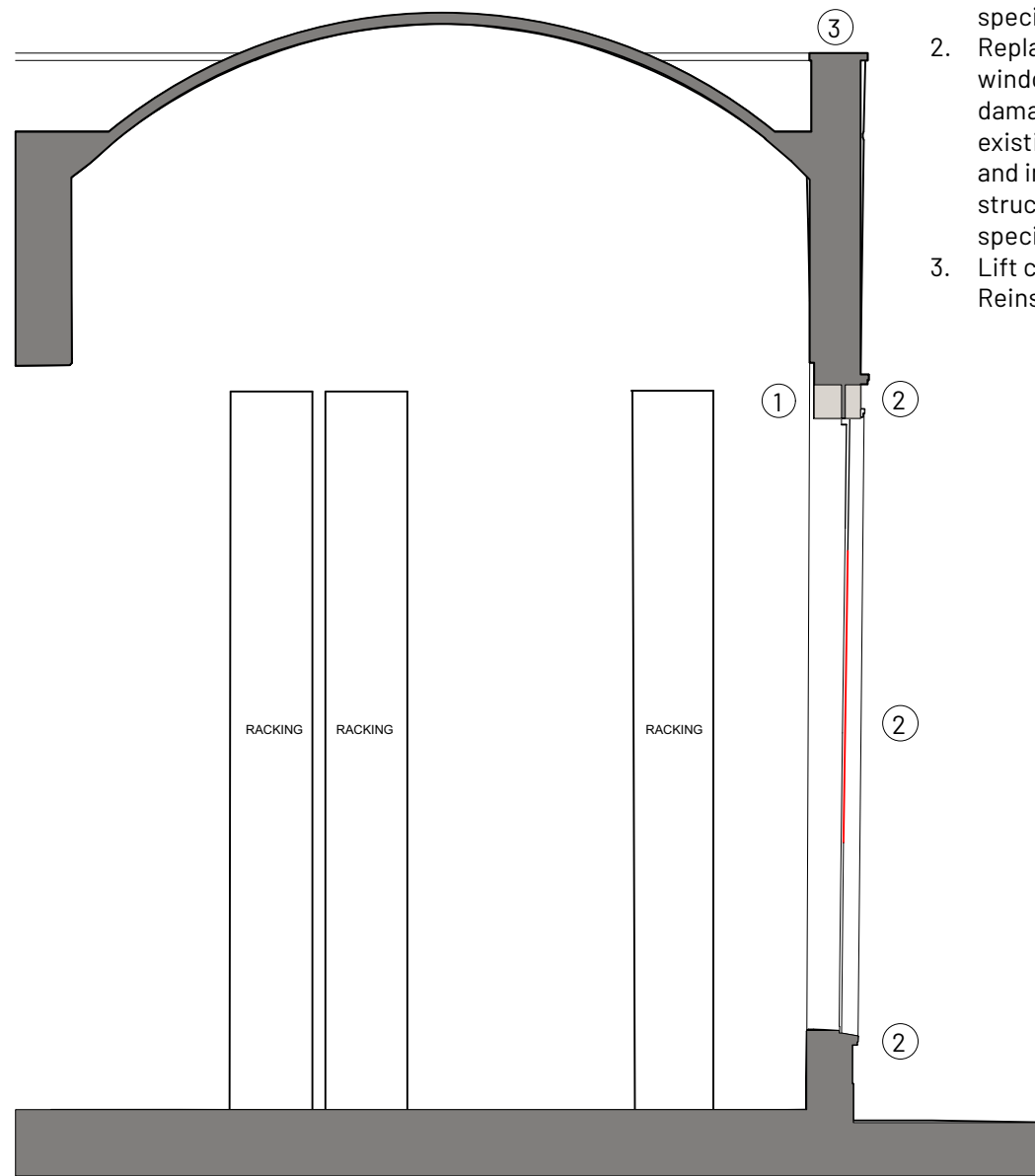
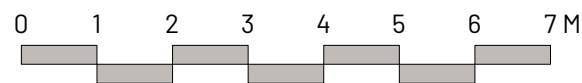


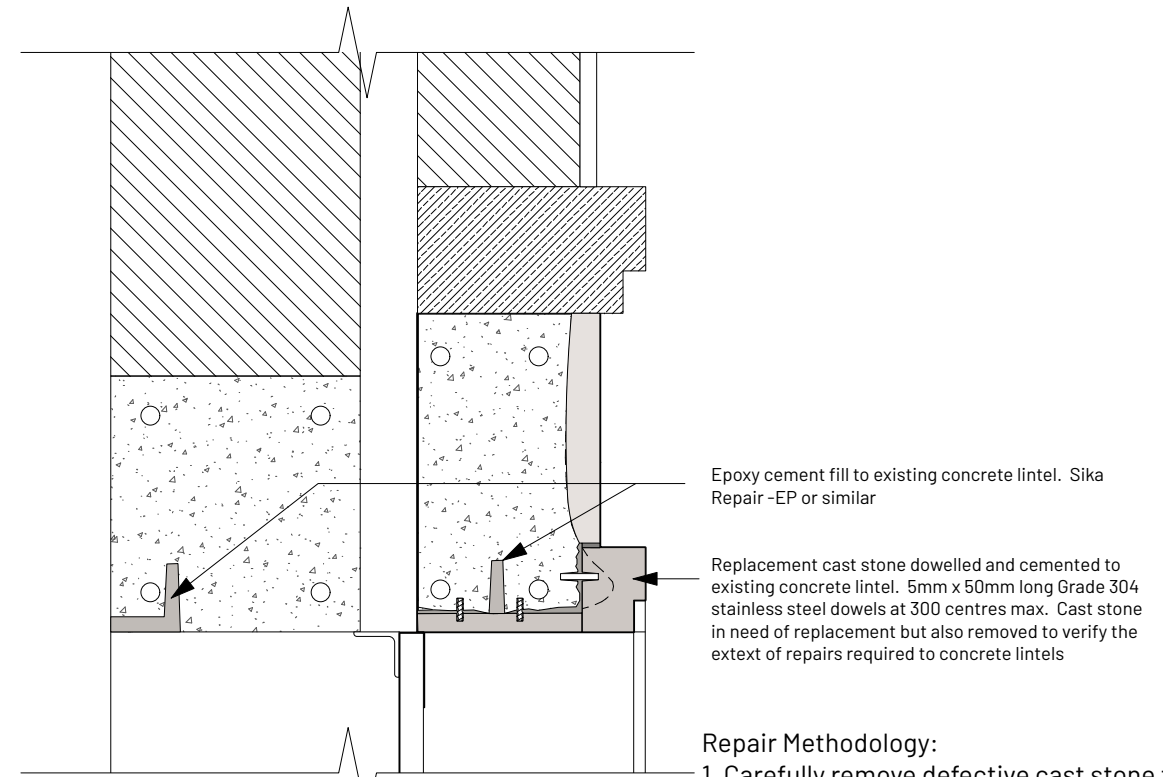


- Repairs
1. Concrete repair to lintel to structural engineer's specification
 2. Replace cast stone facing to window surround where damaged to match the existing profile and colour and in accordance to the structural engineer's specification
 3. Lift copings and install DPC. Reinstall copings and grout.

1 Section AA
Scale: 1:100



2 Window Head Repair Detail
Scale: 1:10

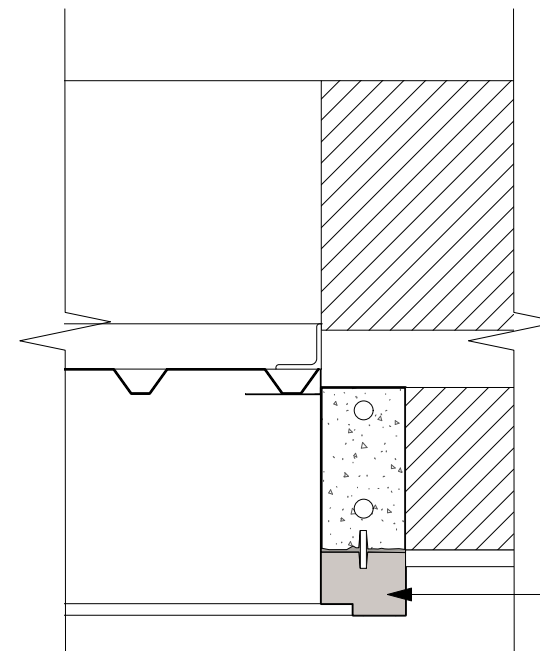


Epoxy cement fill to existing concrete lintel. Sika Repair -EP or similar

Replacement cast stone dowelled and cemented to existing concrete lintel. 5mm x 50mm long Grade 304 stainless steel dowels at 300 centres max. Cast stone in need of replacement but also removed to verify the extent of repairs required to concrete lintels

Repair Methodology:

1. Carefully remove defective cast stone facing and clean off all loose material and dust.
2. Treat exposed concrete with corrosion inhibitor to protect the rebar.
3. Work surface to concrete provide an even surface onto which the new cast stone can be fixed.
4. Take on site dimensions to enable a mould for the replacement cast stone with holes for dowels.
5. Form new cast stone components to suit each location.
6. Apply epoxy cement bonding primer.
7. Drill and insert stainless steel dowels into concrete lintel.
8. Bed cast stone on epoxy cement adhesive with temporary clamps until fully cured, ensuring that the new cast stone lies true with the existing.
9. Apply polysulphide sealant to junction with existing surfaces.
10. Clean down and inspect.



Replacement cast stone dowelled and cemented to existing concrete lintel. 5mm x 50mm long Grade 304 stainless steel dowels at 300 centres max.

3 Window Jamb Detail
Scale: 1:10



REV	NOTE	DRN	CHK
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Cardinal Global Logistics			
Harling Road, Sharston			
Repairs			

Proposed Section and Repairs Details

PROJECT REF.	2057
DRWG NO.	P(300)
REVISION	
SCALE	1:100 @ A3
DATE 1st	July 24
DRAWN	PL

SK sketch E existing P proposed T tender C construction FI final issue

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