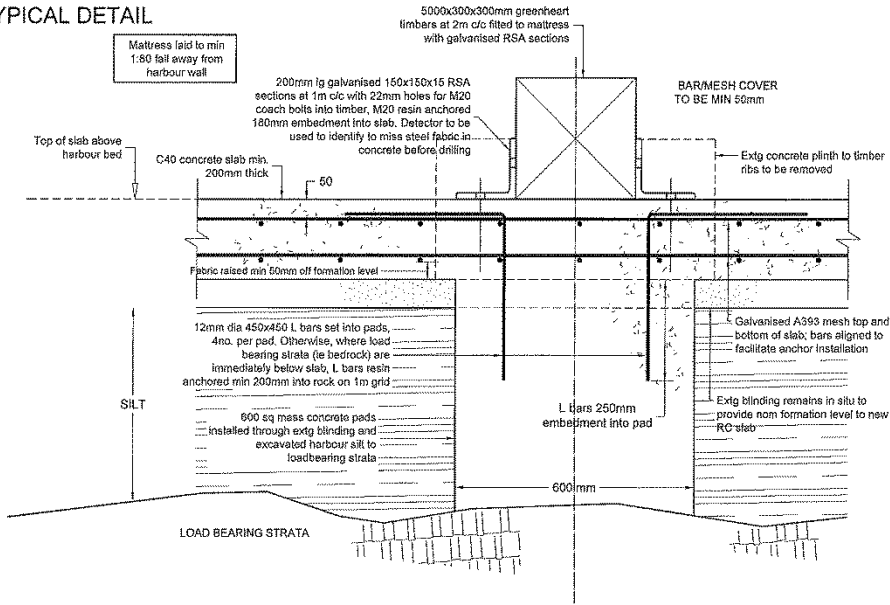


# TYPICAL DETAIL



Matress laid to min 1.50 fall away from harbour wall

5000x300x300mm greenheart timbers at 2m c/c fitted to mattress with galvanised RSA sections

200mm lg galvanised 150x150x16 RSA sections at 2m c/c with 22mm holes for M20 coach bolts into timber, M20 resin anchored 180mm embedment into slab. Deflector to be used to identify to miss steel fabric in concrete before drilling

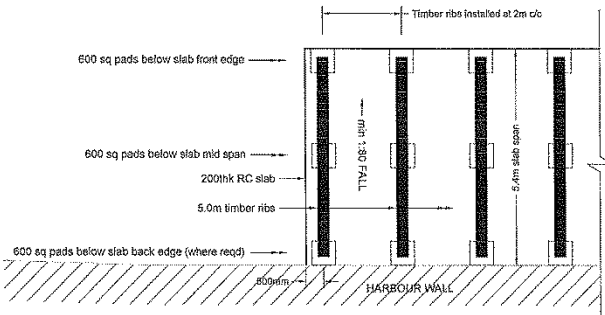
BAR/MESH COVER TO BE MIN 50mm

Extg concrete plinth to timber ribs to be removed

LOAD BEARING STRATA

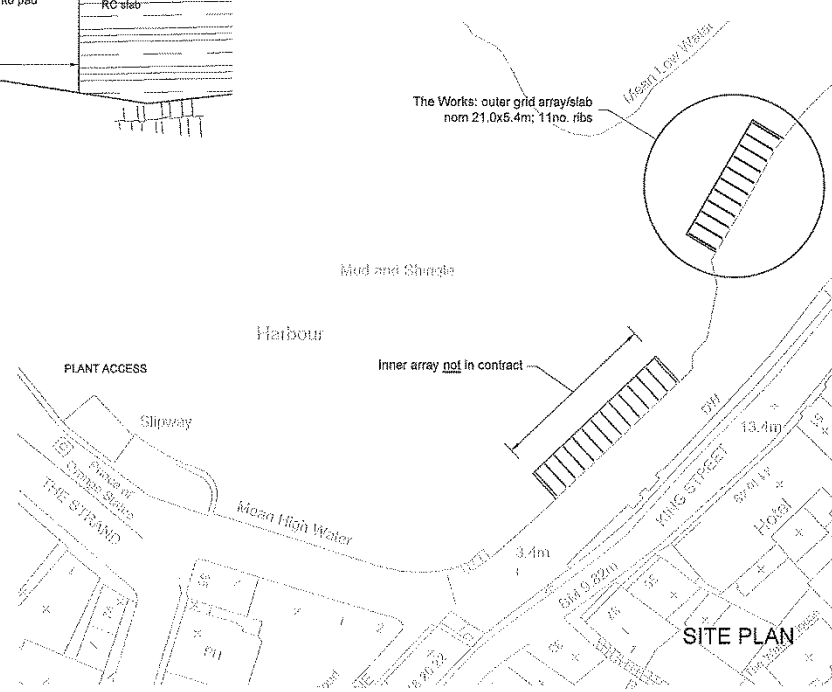
**WORKS ARE IN A TIDAL ZONE - SEE NOTES!**

**Existing defective timber and concrete ribs are to be removed and disposed of by contractor**



# BLOCK PLAN

Nom 200 thk RC in situ slab constructed over array of 600mm square pads as required to reach load bearing strata. Pads installed below slab aligned with timber ends and mid span. Sl abs to be installed independent of and separated from fixing to the quay wall.



REVISIONS				
no.	date	by	checked	descr
1				

**NOTES:**

Works are in the tidal zone, and will require to be planned to be undertaken within tidal windows. Concrete is to be C40, and should be covered immediately on placement/finishing, along with any other measures, to avoid tidal erosion.

All steel bars, mesh, and fittings are to be galvanised.

All rebar to be min 50mm concrete cover

Min bar laps 400mm

All diam min 50

Any arising need for bridging over 'soft spots' only by engagement with engineer

CP	ris
Issue	June 2016



**SCHEME TITLE**

Brixham Harbour

**DRAWING TITLE**

Replacement of Existing Defective Outer Maintenance Grid with New Reinforced Concrete Slab and Timber Ribs