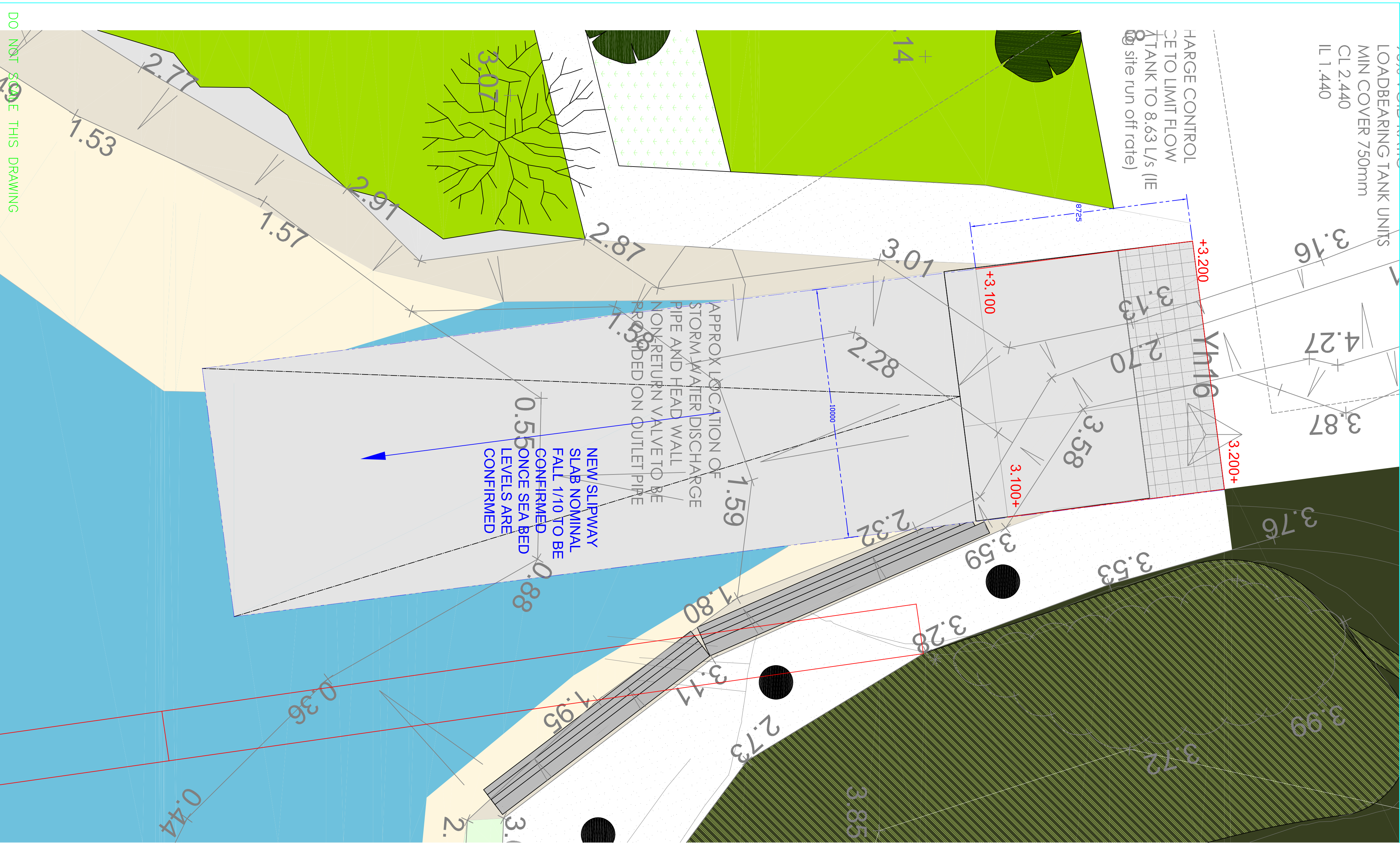




CONCRETE DESIGN – SLIP

Environmental Requirements:

Macroclimate = Temperate

Microclimate (chloride induced) = XS2 = Submerged All slips

= XS3 = Splash/Spay zone West Walkway

Sub-division = Mid and lower tidal and backfilled

Sulphate Resistance = Achieved with OPC (Portland cement) with a limit of 5% of tricalcium aluminate (C₃A). For full resistance

= XA2 or XA3

Freeze/thaw = XF3 High water saturation without De-icing salt

Cement to be:

Portland CEM I to BS12 Max 10% C₃A

SRPC to BS 4027

Frequently wetted XS2

Concrete grade C30/37

Max w/c ratio = 0.55

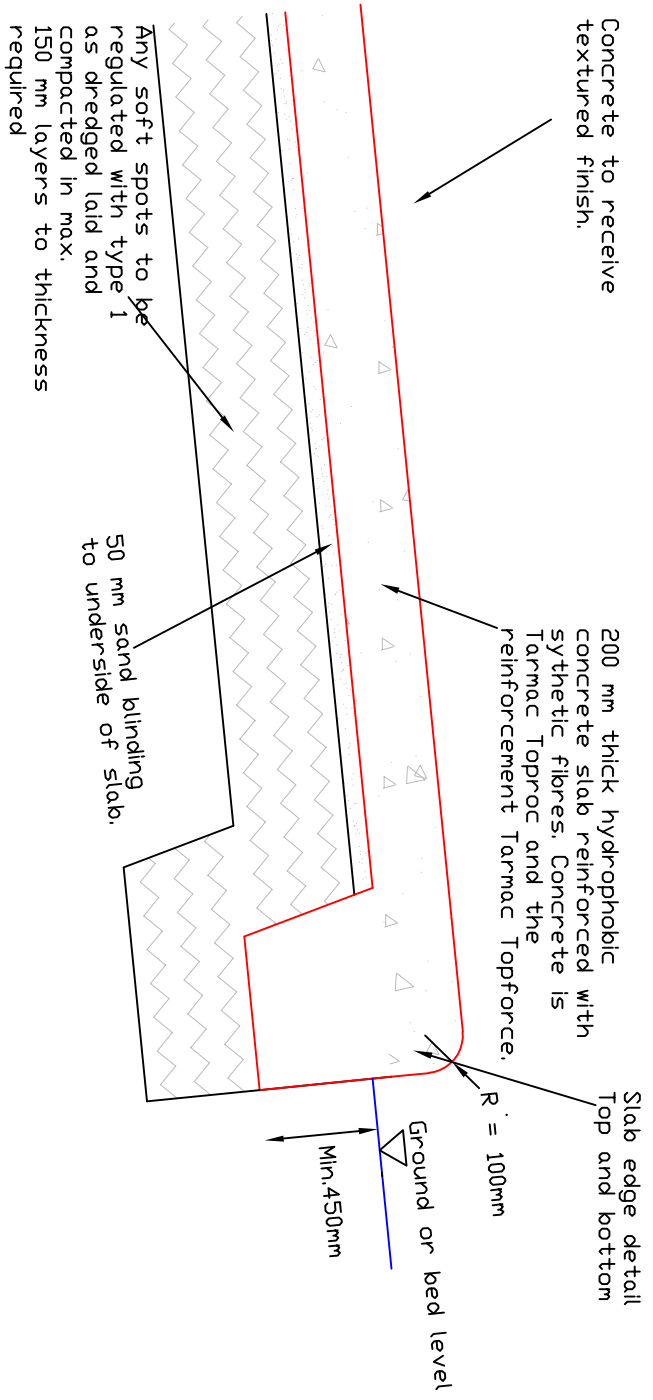
Min cement = 320 (360 preferable)

Permitted cements = BS12 = BS 4027

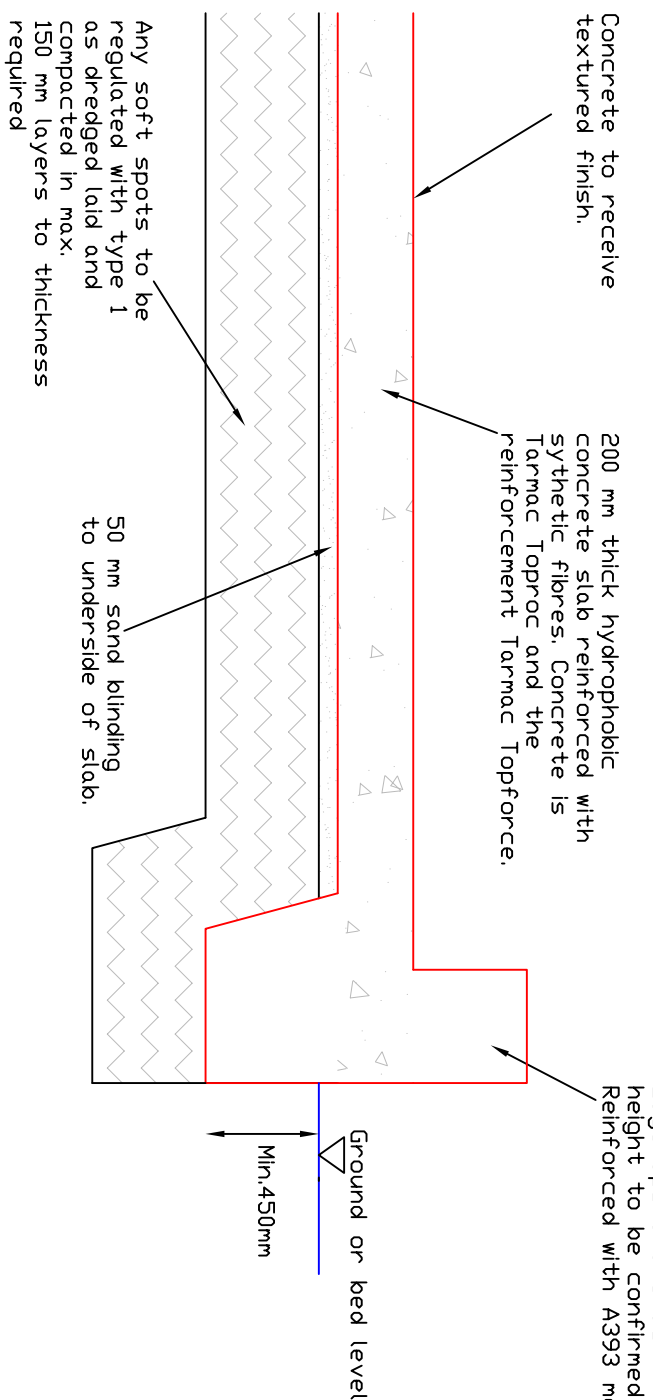
Min cover = 50mm

NOTES

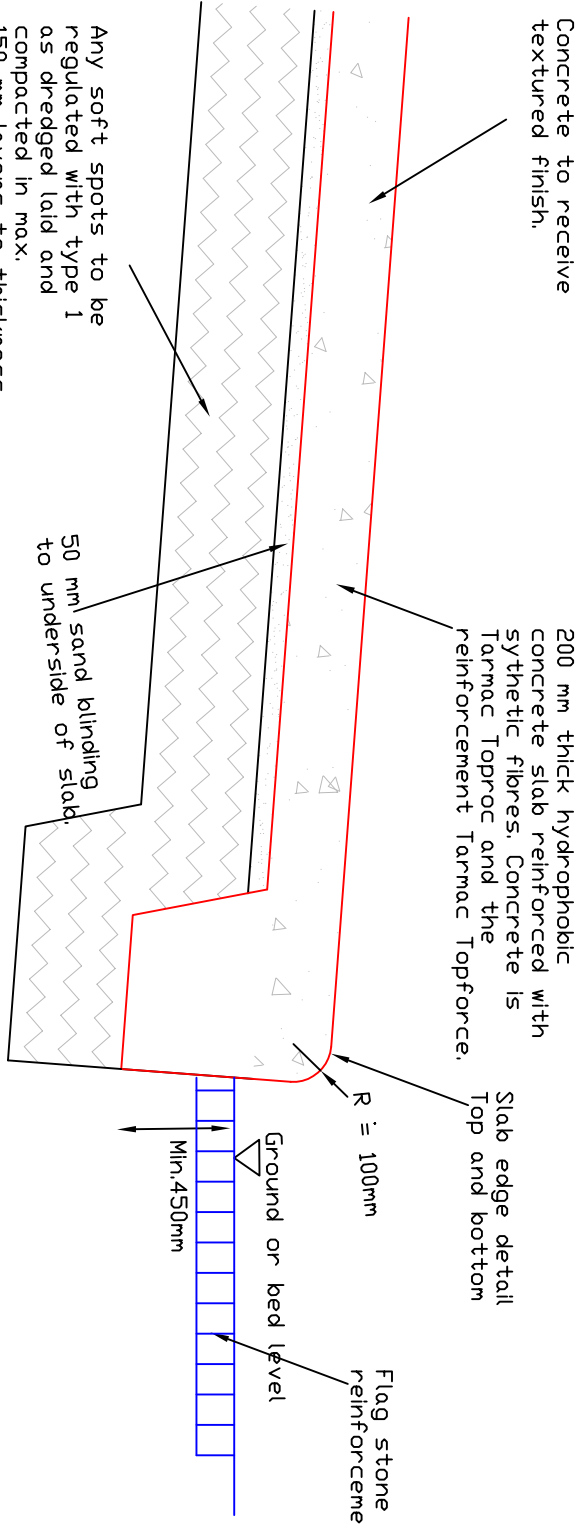
- This drawing is to be read in conjunction with the Schedule of works and specifications.
- All dimensions are in millimetres unless noted otherwise.
- In accordance with CDM2015 the Contractor is to :
 - Notify HSE of works.
 - Comply with the requirements of Health & Safety Plan
 - Provide risk assessments and method statements for all potential hazardous works indicated on this drawing.
- Temporary works are the responsibility of the Contractor.
- Railings to be Broxop BX47 4250-SS stainless bespoke pedestrian guardrail in Grade 316 stainless steel or similar approved
- Slipway areas are as detail.
- Apply Garmor & Company (Chemicals) Ltd TITANLINE C85E/GF non-slip anti-fouling coating in grey to slip way area as directed. Allow for 400 m², but area to be agreed with client on site.
- Concrete to be as detail and specification as noted.



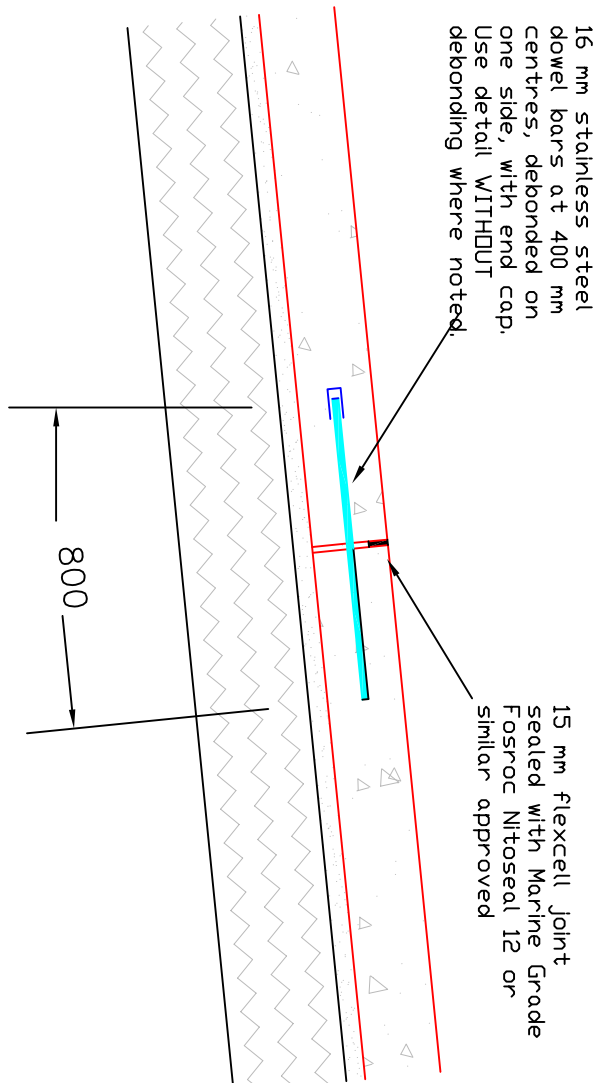
TYPICAL top SLAB SECTION 1 to 20



TYPICAL side SLAB SECTION 1 to 20



TYPICAL bottom SLAB SECTION 1 to 20



MOVEMENT JOINT DETAIL 1 to 20

KEY

- Outline of new slip way slab (See Detail)
- Proposed levels (To be confirmed during works on site once sea bed levels are confirmed)

PRELIMINARY

Date	By	Revision	QAD	CHK'd	Ref



Cowan Consultancy

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www.cowanconsult.co.uk

Client: Alpine Homes Ltd.

Project: Yachthaven Site

Copse Lane, Hoyling Island

Title: New Sea defence wall and slip way

Drawing 2 of 2

Date	Scale	1/100	Dwg. No.
July 17	Scale	1/100	
Drawn	EG	CHK'd	QAD