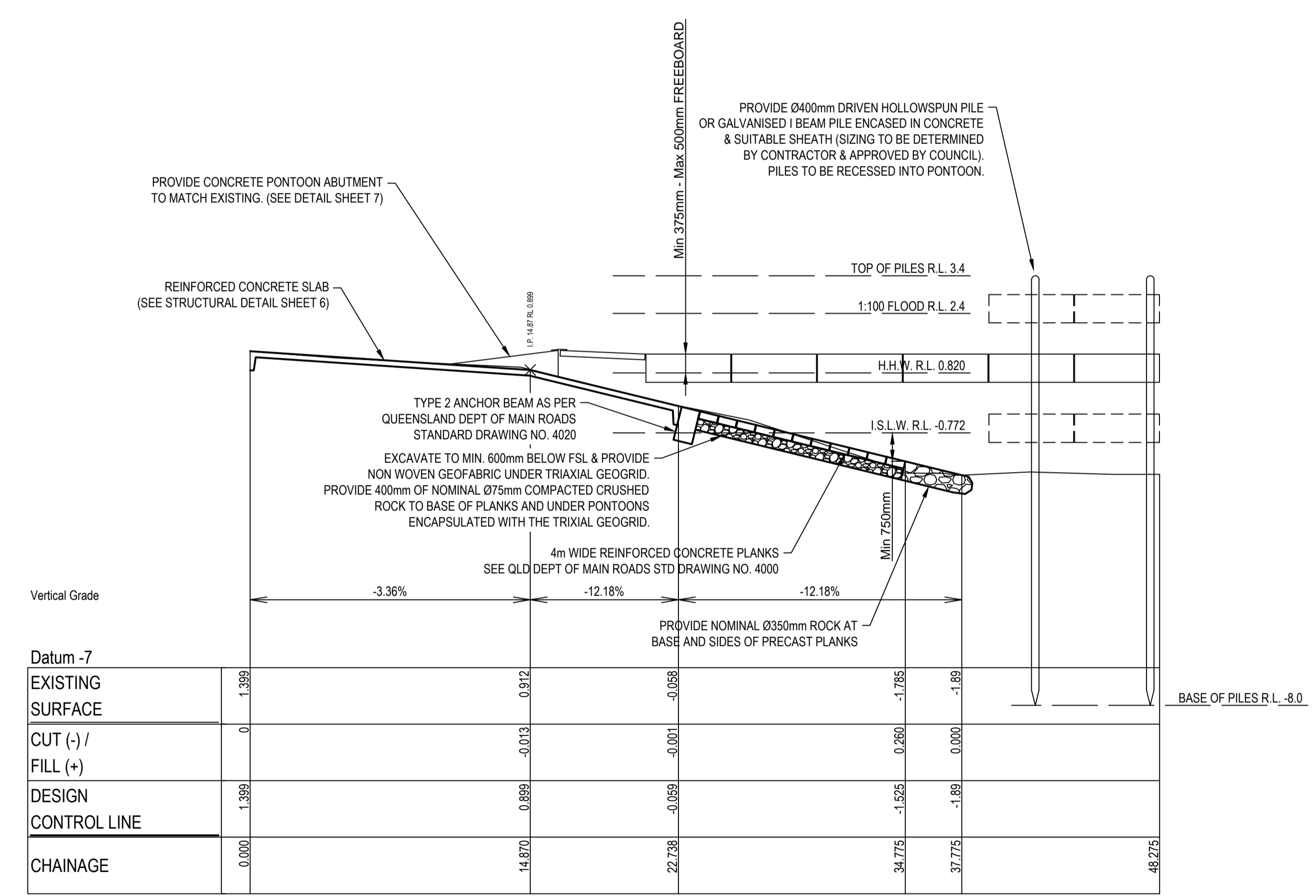


- PONTOON NOTES**
 Pontoon detail design will be by the manufacturer taking into consideration the following points:
- Pontoons shall be design and manufactured in accordance with AS3962 - "Guidelines for design of Marinas".
 - This facility is intended to be suitable for use by people with disabilities and design shall be in accordance with AS1428 - "Design for Access and Mobility". Concrete abutments and all connections with pontoons shall be detailed so as to not inhibit wheelchair access to the pontoon.
 - All decking, steps, edges and concrete surfaces are to be supplied and installed in accordance with AS4586 - "Slip Resistance classification of new pedestrian surface materials".
 - Manufacturer to provide detailed analysis and design for stability, structural integrity, flotation capability, stability and all other requirements of AS3962
 - Float systems would be completely watertight and able to be maintained. They should also demonstrate that stability and flotation is maintained in the event of damage to a number of units. Access for the removal of water should be provided. Alternatively, positive flotation may be adopted by completely filling floats with a suitable material to prevent the ingress of water should the float be damaged through impact or other causes.
 - Suitable floats would be UV stabilised, high stress, crack resistant linear polyethylene modules.
 - Include a double row of fender strips to be attached at top and bottom of the edge rail to avoid any exposed aluminium or timber edge causing damage to boats. Fendering needs to be adequately sized such that vessels do not get trapped between the base of the top fender and the water.
 - Tie off cleats are to be set back min 50mm from boat contact points to avoid contact with hulls of larger boats that overhang the pontoon edge.
 - Welded or Bolted Cleats must be detailed such that structural frame is not damaged by tear-out in the event of overloading.
 - Pontoons to be connected end to end using proprietary bolt through connectors of a rubber grommet type or approved equivalent.
 - Pontoon design shall incorporate mountings for Access "C" Crane.
 - Pontoons are designed to be floated into position without the need for a crane. Allow to install bolt-on transoms across open ends of pontoons for structural integrity after being floated into position.



Longitudinal Section - Boat Ramp

		Approval Greg Every 1 July 2015 Engineering Designer Date Rowan Howarth 4 July 2015 Design Manager Date Gary Randall 13 July 2015 Group Manager Infra Delivery Date				Westport Boat Ramp Stage 2 Works Scale 		Drawn: G. Every Surveyed: J McGregor / J Thompson Coordinate System: MGA Origin of Levels: SS73622 R.L.2.535 AHD File Path/Name: G:\Infil\SURVEY & DESIGN\Design CP - Car Parks & Boat Ramps\Park St Westport Park Boat Ramp pontoon CP POR 061\Final\Westport Boat Ramp SIZ Final.dwg		Plan Date Created: June 2015 Drawing Number: CP POR 061 Sheet 3 of 8 Revision: A		Sheet Size: A1
Rev.	Date	Description	Approval									