

**GENERAL STRUCTURAL NOTES** Non-Cyclonic - Terrain Category 2 (Height to 3m).

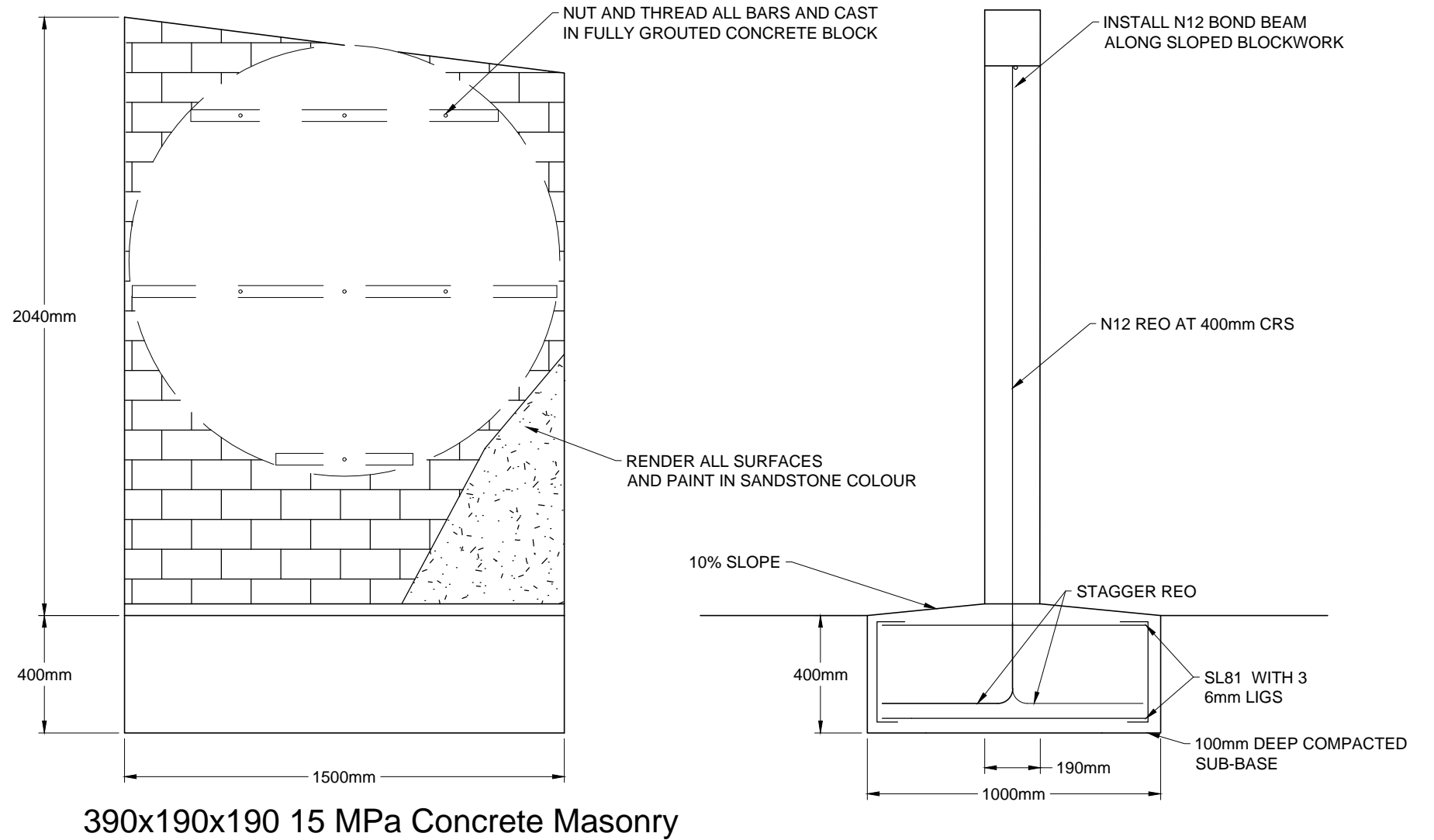
Unless noted otherwise  
 General:  
 G.1 Design criteria (to AS1170 parts 0,1 & 2)  
 Wind load: Region: A3 Terrain category: 2  
 G.4 The contractor shall be responsible for the structure during erection & shall provide adequate propping & support.

Fill material and compaction  
 F.1 Selected fill shall be gravel, decomposed or broken rock, free from clay lumps & organic matter.  
 F.2 Before placing concrete, sand blinding layer below footing shall be compacted by vibration plate compactor.

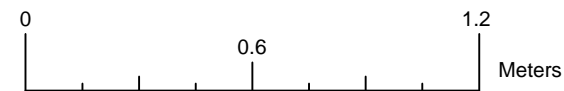
Concrete  
 C.1 Unless otherwise noted concrete for slabs & footings shall be class N25 (25 MPa f<sub>c</sub>, 20mm max. aggregate), supplied & placed including vibration in accordance with AS3600. Concrete slump to be 75+/- 15mm. No admixtures to be used unless noted otherwise or approved in writing by the engineer.  
 C.2 Cover to reinforcement shall be in accordance with AS3600. Concrete cover to be maintained by use of approved chairs spaced at 800 nominal crs. Conduits & pipes shall not be placed within cover concrete.  
 C.3 Mesh reinforcement laps shall be at least one full wire spacing plus 25mm. Reinforcement shall be in accordance with AS3600 and AS4671.  
 C.4 Concrete to be cured by an approved method for a minimum of 7 days. Selection of curing method should take into account the required surface for any applied finishes.

Steelwork  
 S.1 All structural steelwork shall be carried out in accordance with AS4100 - SAA Steel Structures code & associated Australian standards. Steel grades shall be in accordance with table 2.1 of AS4100.  
 S.2 Unless noted otherwise, steelwork shall be as follows:-  
 \* Rolled steel sections Grade 300 to AS3679.1&2.  
 \* Circular hollow sections Grade C350, to AS1163.  
 \* Square and rectangular hollow sections Grade C450 to AS1163.  
 \* Cold formed purlins/girts Grade C450 to AS1397.  
 S.3 Unless noted otherwise welds shall be 6mm continuous fillet welds & shall be of general purpose quality. All butt welds shall be of general purpose quality. Welding shall be in accordance with AS1554.  
 S.4 Bolts & bolting shall be carried out in accordance with AS4100 & associated standards. Unless noted otherwise:  
 \* Bolt grade & category shall be 4.6/s ( provide washer under all nuts )  
 \* Thread projection beyond nut shall be minimum 1 thread.  
 \* Cold formed purlin & girt bolts shall be BHP Steel Products or equal with integral washer.  
 S.5 Steelwork, unless hot dip galvanised or noted otherwise shall be degreased, prepared as required & primed with zinc phosphate or other approved primer applied strictly to manuf. specification. Finish coats to exposed steelwork to be paint compatible with primer. ( Duragal to be primed & painted as per manufacturers specifications ).

BLOCKWORK  
 B.1 Blockwork shall not be constructed to a height greater than 2400MM prior to grouting. Clean-out blocks shall be provided in all cores at bottom course of each filled lift.  
 B.2 No chases or holes shall be made without written approval by the structural engineer  
 B.3 All blockwork and materials and workmanship shall comply with AS33700. Blocks shall be "AS" series with a characteristic unconfined compressive strength of 15MPa  
 B.4 Mortar shall be made by mechanical mixers in the following proportions by volume type 1:1:6 (cement:lime:sand) M3.  
 B.5 Hollow blocks shall be a full faced-shell bed of mortar. Solid blocks shall be fully bedded in mortar. Bed joints and perpends shall not be raked  
 B.6 Grout for filled masonry shall have  
 F<sub>c</sub> = 25 MPa  
 Maximum aggregate size = 6mm  
 B.7 Grout filling shall be thoroughly rodded using a plain round bar

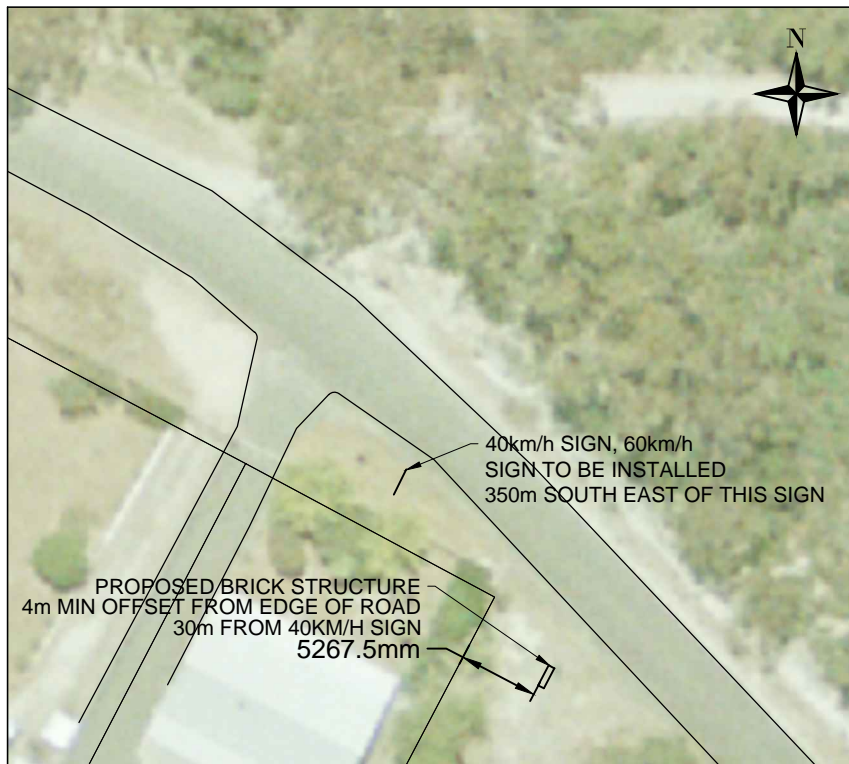


**390x190x190 15 MPa Concrete Masonry**

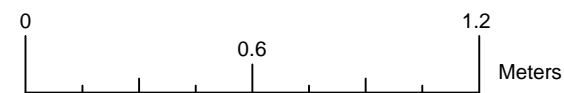
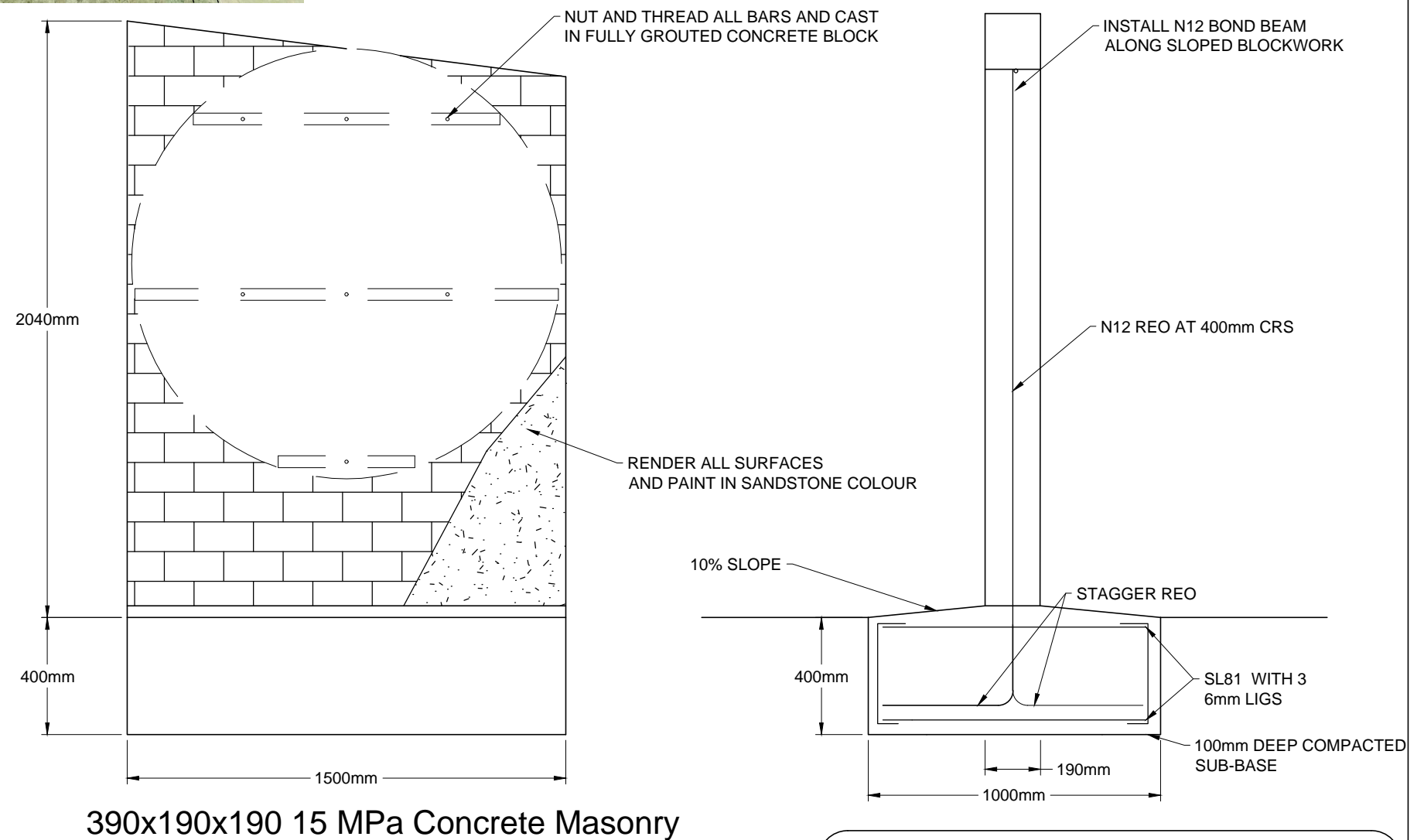


**WARNING: THE LOCATION OF EXISTING SERVICES ARE APPROXIMATE ONLY AND NOT ALL SERVICES MAY BE SHOWN. THE EXACT LOCATION SHOULD BE PROVED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.**

				<b>DO NOT SCALE</b>		Drawn JL	Designed JL	Project GEORGE TOWN COUNCIL MOUNTING FOR WALL SIGN AT BELLINGHAM LOCALITY AND STRUCTURAL DETAIL
				 GEORGE TOWN COUNCIL 16-20 Anne Street, George Town, Tasmania, 7253		Checked TH	Checked TH	
						Approved		
				Date		Title		
						Scale		Original Size
								<b>A3</b> Drawing No: W1022 S01
								Rev: 0




LOCALITY PLAN



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No	Revision	Drawn	Checked	Date
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	Checked TH	Checked TH	
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	Date		
	Scale		Rev: 1





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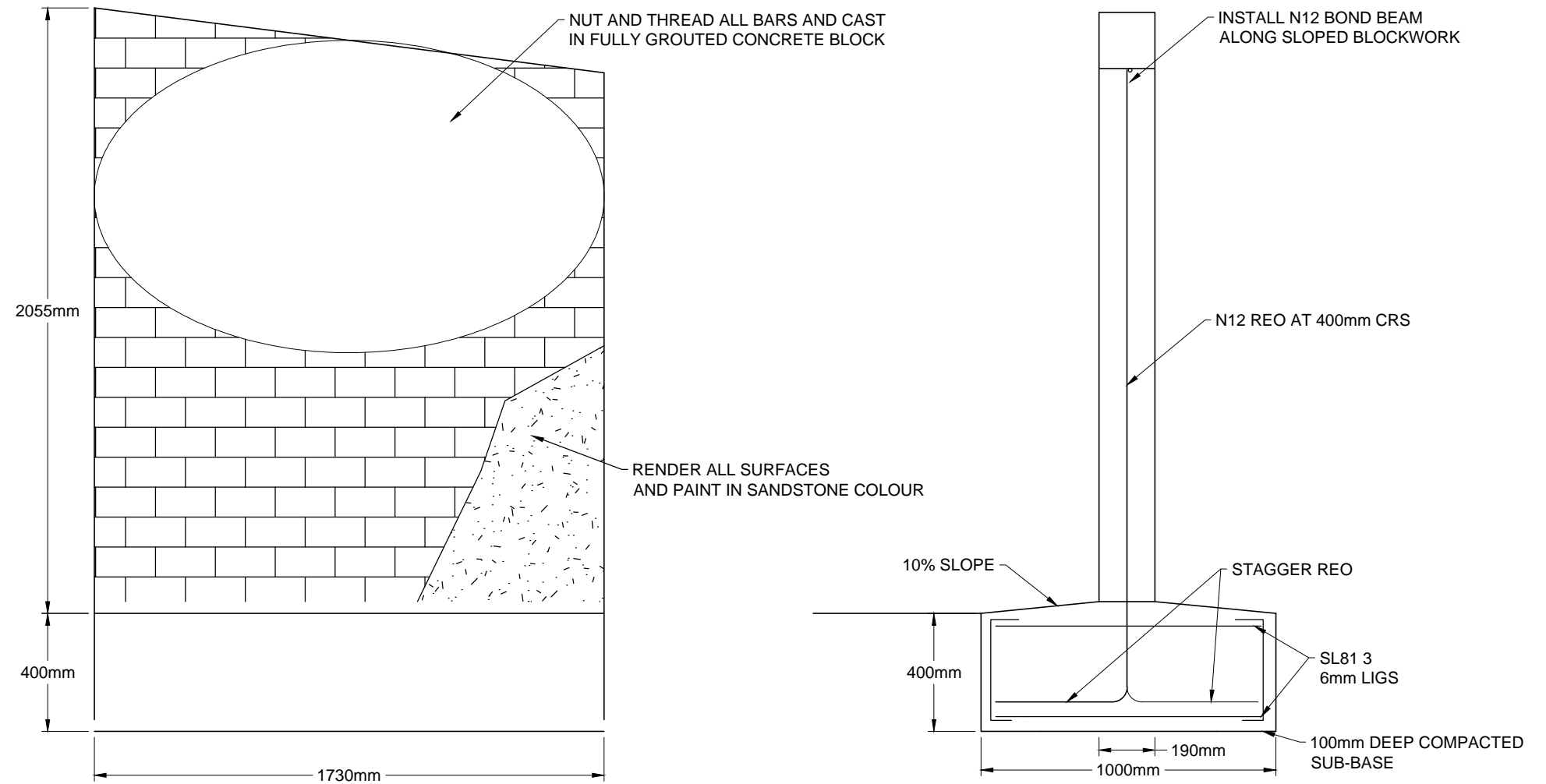
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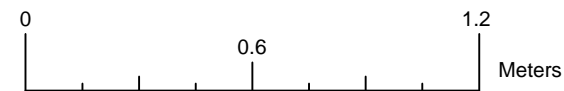
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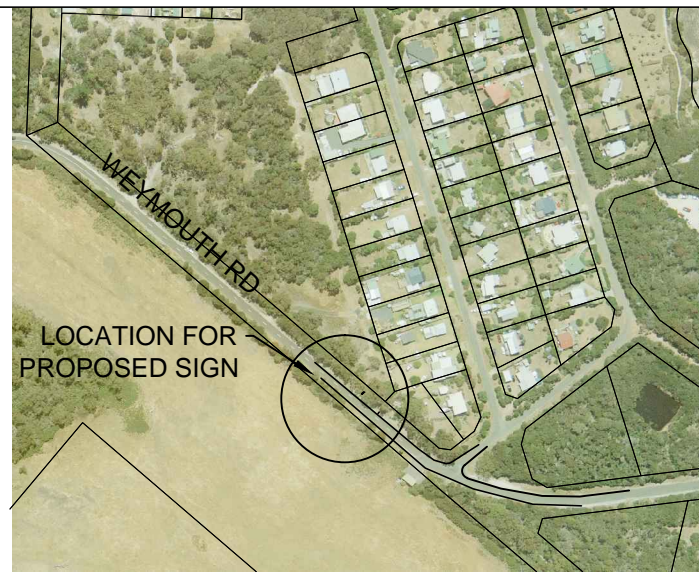


**390x190x190 15 MPa Concrete Masonry**

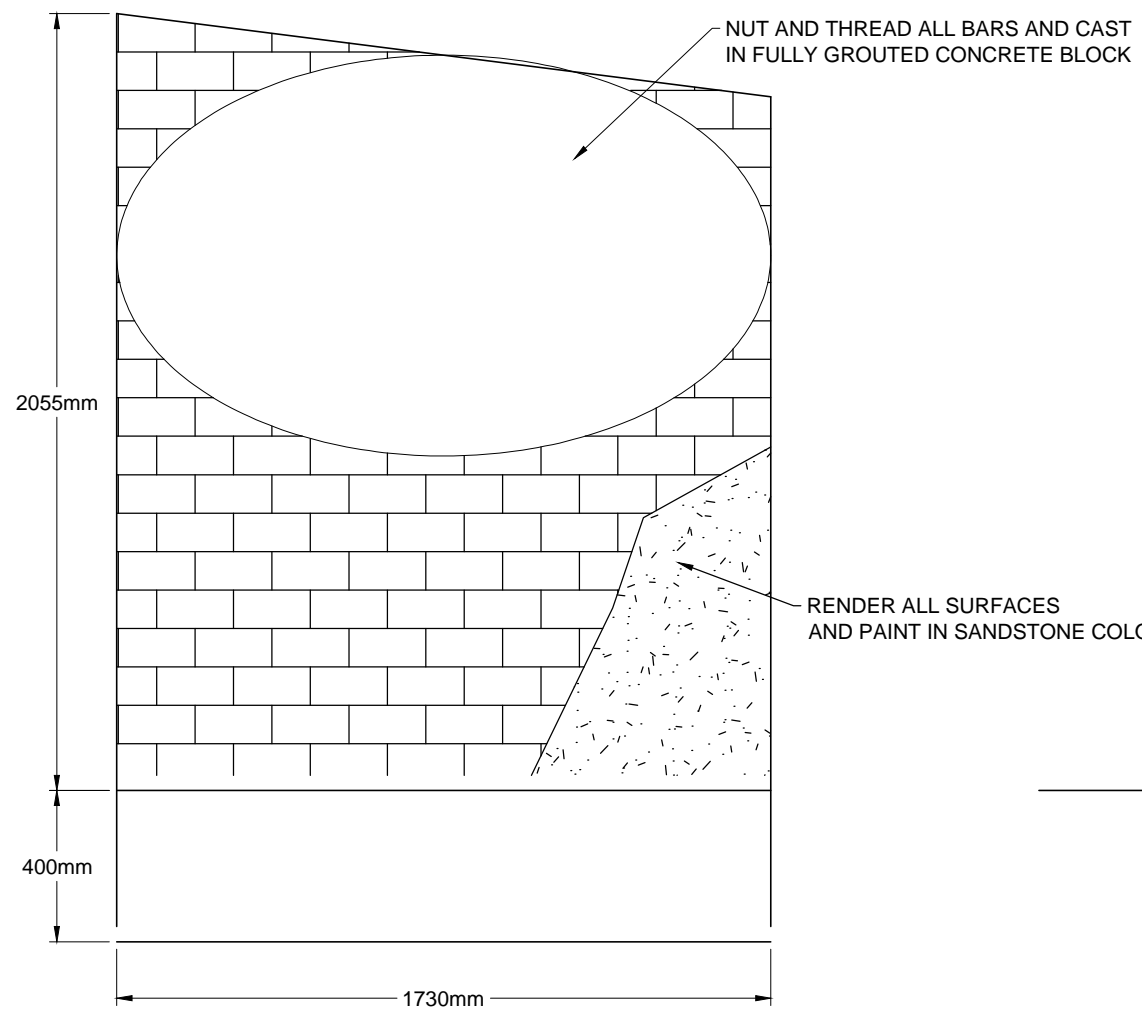
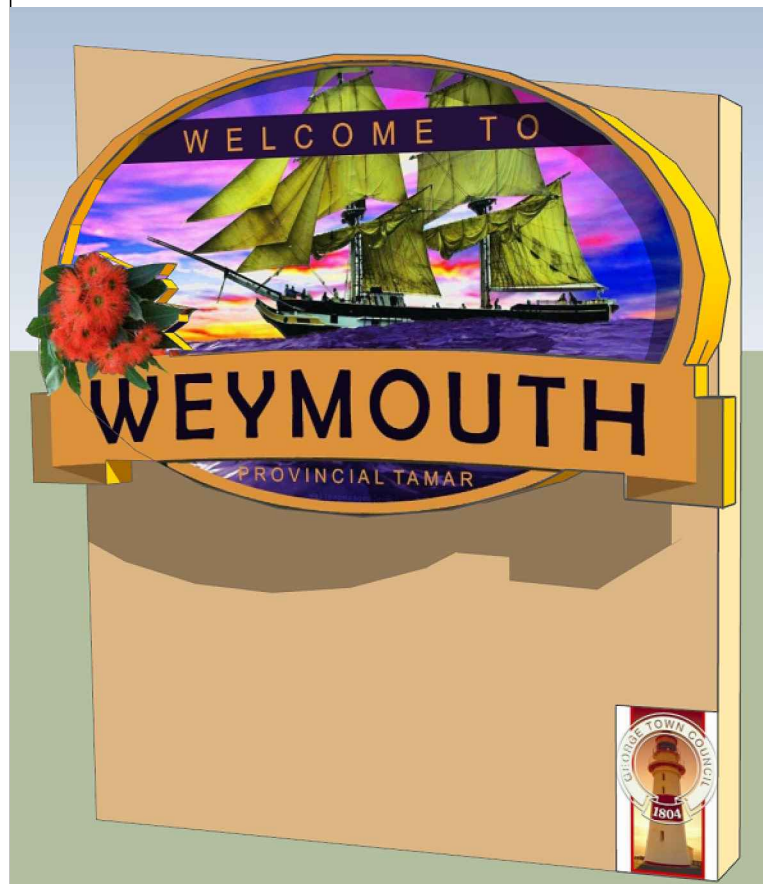


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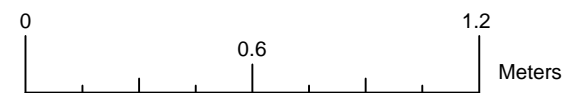
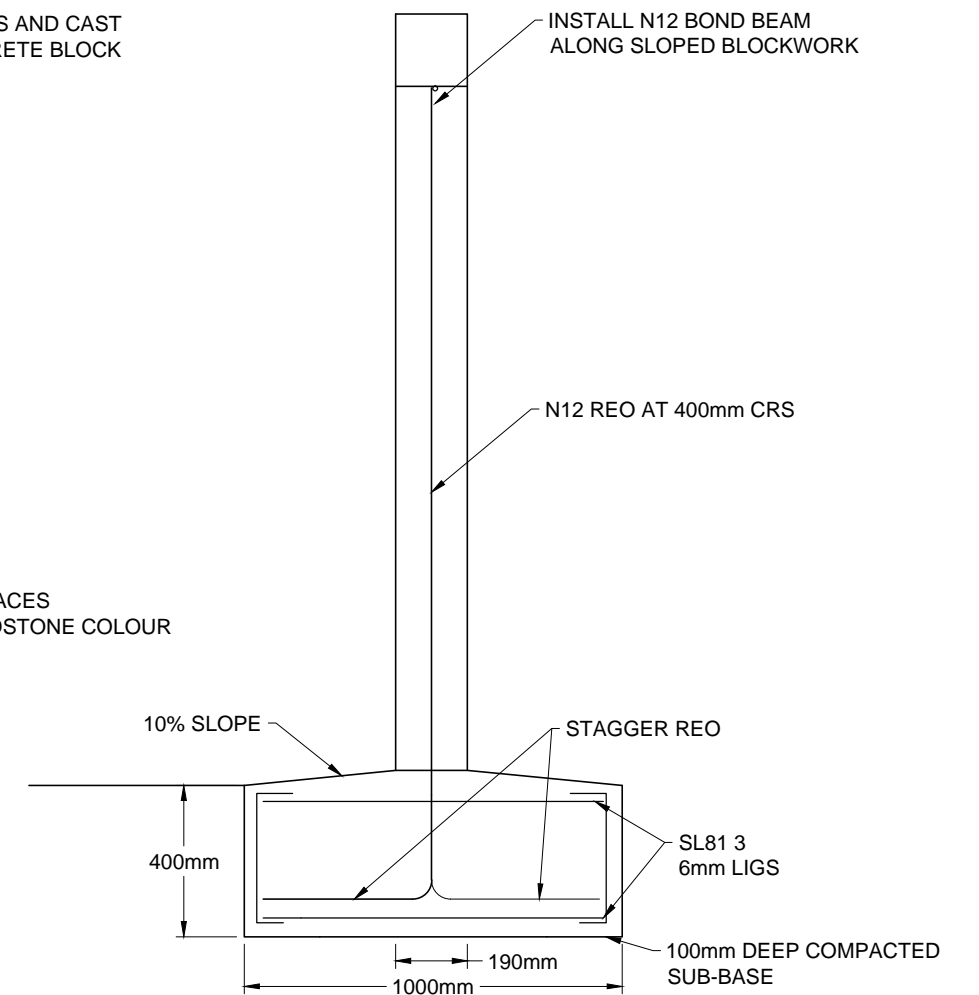
				<b>DO NOT SCALE</b>		Drawn JL	Designed JL	Project GEORGE TOWN COUNCIL MOUNTING FOR WALL SIGN AT WEYMOUTH LOCALITY AND STRUCTURAL DETAIL
				 GEORGE TOWN COUNCIL 16-20 Anne Street, George Town, Tasmania, 7253		Checked TH	Checked TH	
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								<b>A3</b> Drawing No: W1022 S03
								Rev: 0



LOCALITY PLAN



390x190x190 15 MPa Concrete Masonry



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	Scale		Rev:0