



**PROPOSED SITE LAYOUT**  
150

**GENERAL NOTES**

1. ALL CONCRETE TO BE GRADE C30/37 U.N.D. AND SHALL COMPLY WITH THE REQUIREMENTS OF EUROCODE 2.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN (a) THE STRUCTURAL PLANS AND THE SECTIONS AND (b) THE STRUCTURAL DRAWINGS AND THOSE OF THE ARCHITECT BEFORE IMPLEMENTING THE WORKS.
3. NO DIMENSIONS SHALL BE SCALED FROM THE STRUCTURAL DRAWINGS. ALL DIMENSIONS SHALL BE ESTABLISHED ON SITE.
4. ALL STRUCTURAL PRODUCTS USED MUST BE CE MARKED IN ACCORDANCE WITH THE CONSTRUCTION PRODUCTS DIRECTIVE. FROM 1st JULY 2014 ALL FABRICATED STEELWORK DELIVERED TO SITE MUST BE CE MARKED BY AN APPROPRIATELY ACCREDITED FABRICATOR IN ACCORDANCE WITH EN 1090-1.

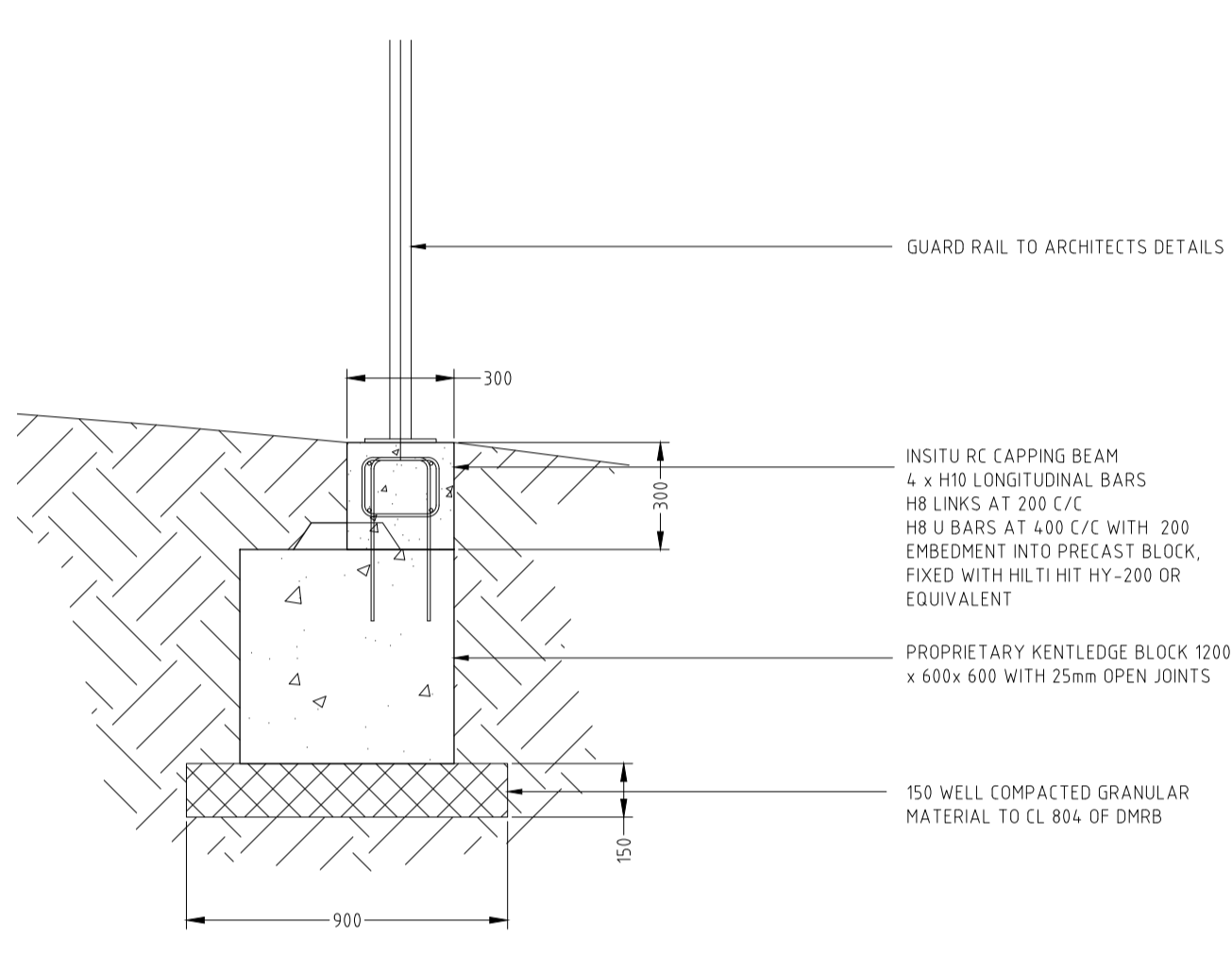
**SUBCONTRACTORS WITH DESIGN RESPONSIBILITY**

1. STRUCTURAL STEELWORK:  
THE STRUCTURAL STEELWORK SUPPLIER SHALL TAKE ALL SITE DIMENSIONS NECESSARY. PRODUCE SHOP FABRICATION DRAWINGS AND SUBMIT THEM TO THE ENGINEER FOR INSPECTION AND AGREEMENT AT LEAST THREE WEEKS PRIOR TO THE FABRICATION OF THE STRUCTURAL STEELWORK. NO FABRICATION CAN BE CARRIED OUT WITHOUT ENGINEERS AGREEMENT.
2. THE STRUCTURAL STEELWORK SUPPLIER SHALL COMPLETE THE DETAILED DESIGN OF ALL CONNECTIONS BASED ON THE ULTIMATE LOADS SHOWN ON THE DRAWINGS, AND SUBMIT CALCULATIONS TO THE ENGINEER FOR INSPECTION AND AGREEMENT AT LEAST THREE WEEKS PRIOR TO THE FABRICATION OF THE STRUCTURAL STEELWORK. NO FABRICATION CAN BE CARRIED OUT WITHOUT ENGINEERS AGREEMENT.

3. ALL STEELWORK MARKED WITH 'v' OR REFERRED TO AS 'GALVANISED' OR 'GALV' TO BE HOT DIP GALVANISED TO EN50 1461.
4. ALL STRUCTURAL STEELWORK TO BE GRADE S275 U.N.D. AND SHALL COMPLY WITH THE REQUIREMENTS OF EUROCODE 3.
5. ALL FIREPROOFING SHALL BE TO ARCHITECT'S DETAILS UNLESS NOTED OTHERWISE.
6. THE CONTRACTOR MUST ENSURE THAT THE LOCATION OF ALL MASONRY CONTROL JOINTS IS CONFIRMED BY THE ARCHITECT AND THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORKS.
7. ALL BLOCKWORK TO BE DENSE SOLID BLOCKWORK WITH A MINIMUM COMPRESSIVE STRENGTH OF 13 N/mm<sup>2</sup> U.N.D. AND SHALL COMPLY WITH THE REQUIREMENTS OF EUROCODE 6.
8. ALL TIMBER SHALL BE MINIMUM GRADE C16 (U.N.D.) AND SHALL COMPLY WITH EUROCODE 5. SERVICE MOISTURE CONTENT SHALL NOT EXCEED 18%. MOISTURE CONTENT ON ERECTION SHALL BE WITHIN 3% OF SERVICE MOISTURE CONTENT.
9. LINTELS - OPENINGS IN INTERNAL 100 SOLID BLOCK WALLS TO HAVE 215 HIGH x 100 WIDE RC FILLED U-BLOCK LINTEL WITH MN 200 END BEARINGS. U-BLOCK TO HAVE 1 x H12 BAR BOTTOM AND TO BE FILLED WITH GRADE C24/30 CONCRETE UNLESS NOTED OTHERWISE. ALL LINTELS IN 215 HOLLOW BLOCKWORK WALLS TO BE 215 x 215 RC FILLED U-BLOCK LINTELS WITH 2 NO H12 BARS BOTTOM IN C24/30 CONCRETE MINIMUM 215 END BEARING. ALL OTHER LINTELS AS SHOWN ON THE DRAWINGS.
10. MASONRY OUTER LEAF LINTELS AS FOLLOWS:  
OPENINGS - 18m: 100 x 65 PRECAST PRESTRESSED CONCRETE LINTELS WITH MINIMUM 200 END BEARING  
OPENINGS - 18m: 150 x 100 PRECAST CONCRETE LINTELS MINIMUM 200 END BEARINGS  
BRICKWORK: GALVANISED MILD STEEL LINTEL KEYSTONE SBK 100 HIGH OR EQUIVALENT
11. ALL TEMPORARY WORKS NECESSARY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
12. WHERE USED TO FIX ELEMENTS OF ANY METAL OTHER THAN STAINLESS STEEL AND UNLESS NOTED OTHERWISE, ALL STAINLESS BOLTS, ANCHORS OR OTHER FIXINGS TO BE PROVIDED WITH NEOPRENE ISOLATING GASKETS AND WASHERS.
13. ALL CHEMICAL ANCHORS IN GRADE C20/25 TO HAVE MINIMUM WORKING LOAD CAPACITIES AS SHOWN BELOW.

ANCHOR SIZE	M8	M10	M12	M16	M20	M24
TENSILE, N <sub>u</sub>	7.2000	10.1000	16.8000	24.0000	38.0000	52.2000
SHEAR, V <sub>u</sub>	5.1000	8.6000	12.0000	22.3000	34.9000	45.0000

14. ALL VISIBLE CONCRETE TO BE TYPE C FINISH AS PER BS8110 SECTION 6.2.7.3. CONTRACTOR TO PROVIDE SAMPLE PANELS FOR INSPECTION AND AGREEMENT BY THE DESIGN TEAM FOR ALL CONCRETE ELEMENTS TO SPECIFICATION.



**RETAINING WALL DETAIL D1**  
SCALE 1:20

**KEY**

- IS PROPRIETARY INSPECTION CHAMBER/SUMP TO SLOT DRAIN
- PROPRIETARY SOAKAWAY CRATES IN BUNDLES TO PROVIDE 0.5m<sup>3</sup> STORAGE (AQUACELL ECO OR EQUIVALENT) ALL WRAPPED IN TERRAM 1000 GEOTEXTILE. CRATES TO BE PROVIDED WITH MINIMUM 300 COVER.

REV	DATE	DESCRIPTION	BY/CHKD/APPD

Client  
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ASKEATON PARKLET  
PROPOSED SITE LAYOUT  
STRUCTURES & DRAINAGE

Drawn	Scale	Project Number	Rev.
BA	AS SHOWN	112-72	~
Chkd	Date	Drawing Number	
EOD	9/12/2022	301	A1
Agred	Status		
EOD	DRAFT D2		