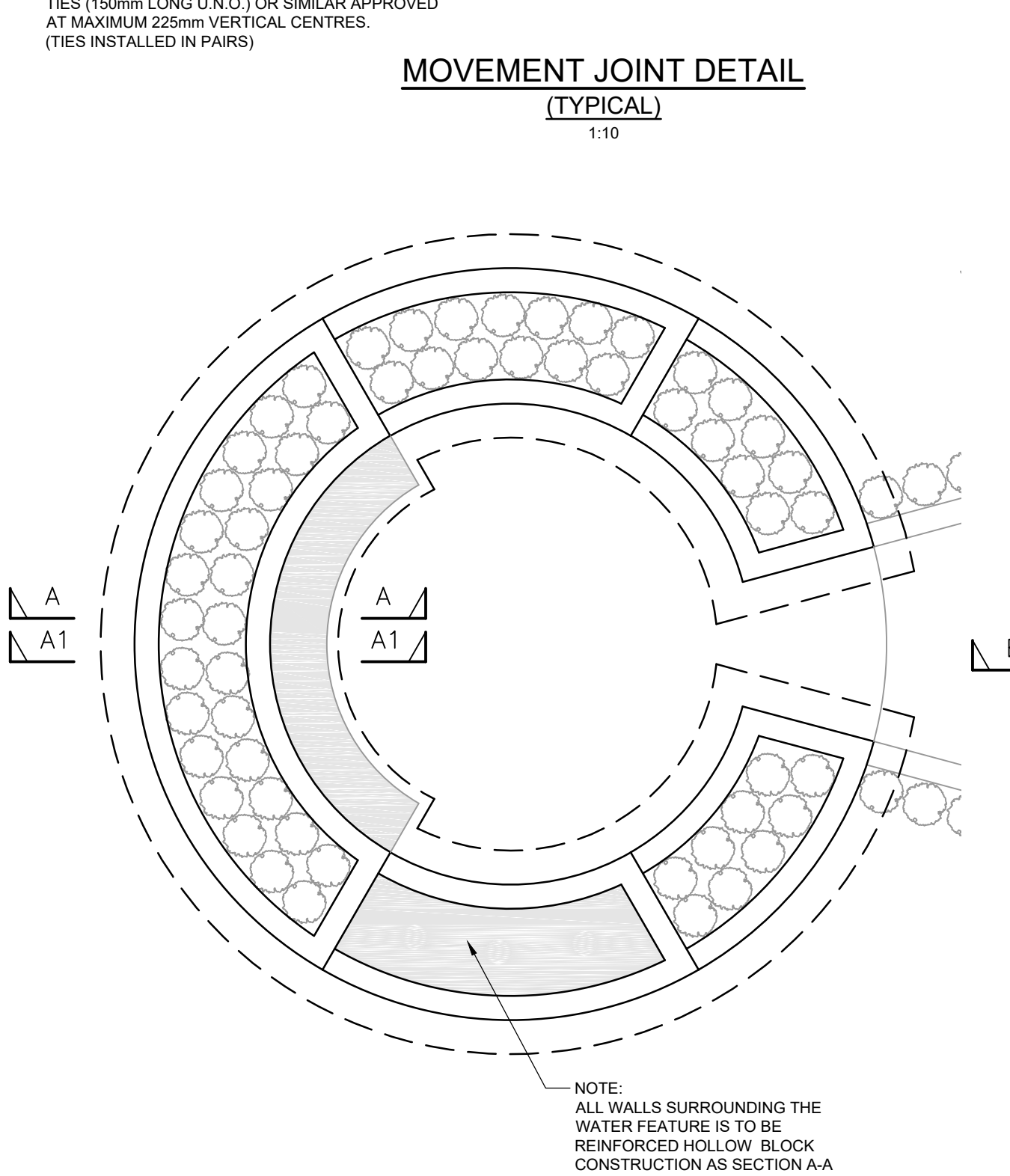
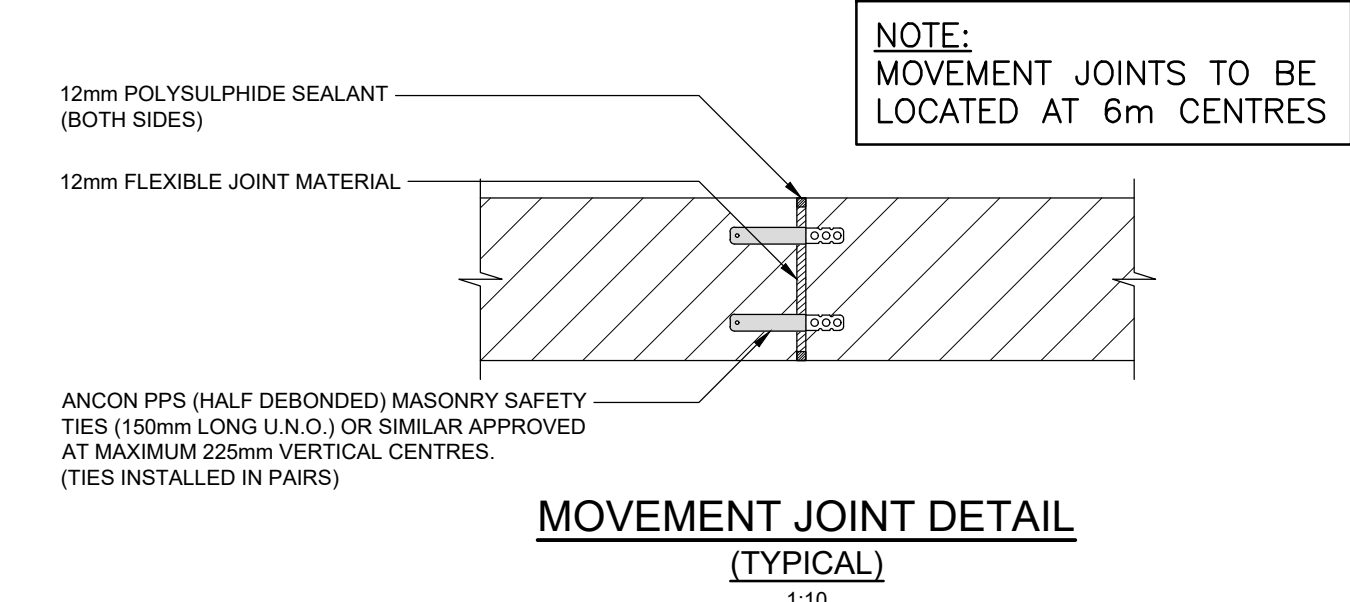
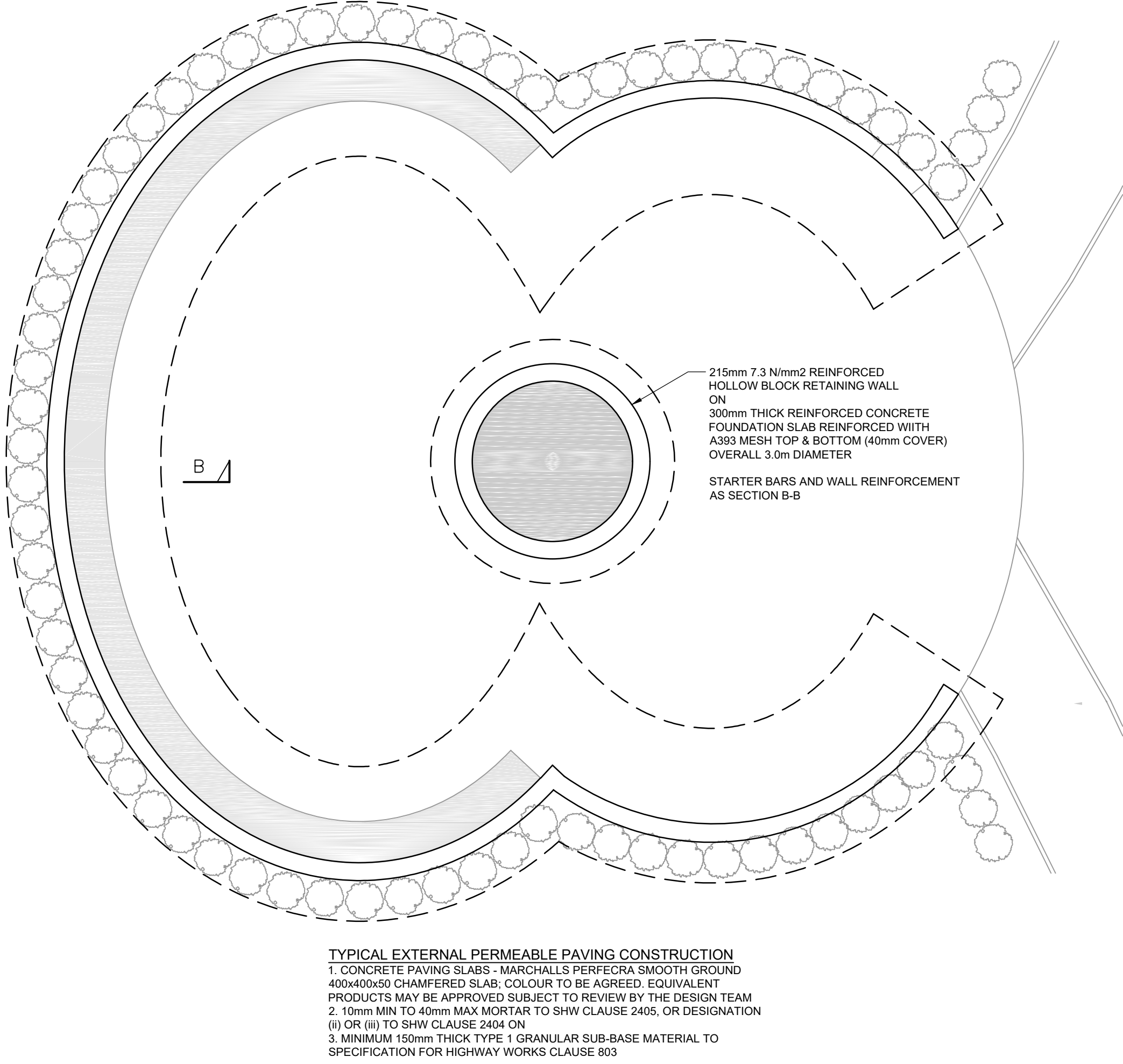


ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO ORDERING / FABRICATION OF MATERIALS AND COMMENCEMENT OF WORKS



TANKING DETAILS/REQUIREMENTS TO BE
AGREED WITH THE ARCHITECT / CLIENT
INTERNAL LINING TO WATER FEATURE WALLS BY SPECIALIST DETAILS



CDM 2015 DESIGNER NOTES

IN ADDITION TO THE HAZARDS, AND RISKS NORMALLY
ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS
DRAWING, NOTE THE FOLLOWING SIGNIFICANT RISKS AND
INFORMATION.

1. DEEP EXCAVATIONS - CONTRACTOR TO PROVIDE
METHOD STATEMENTS FOR SAFE WORKING AND ALLOW
FOR ANY TEMPORARY SHORING DURING CONSTRUCTION

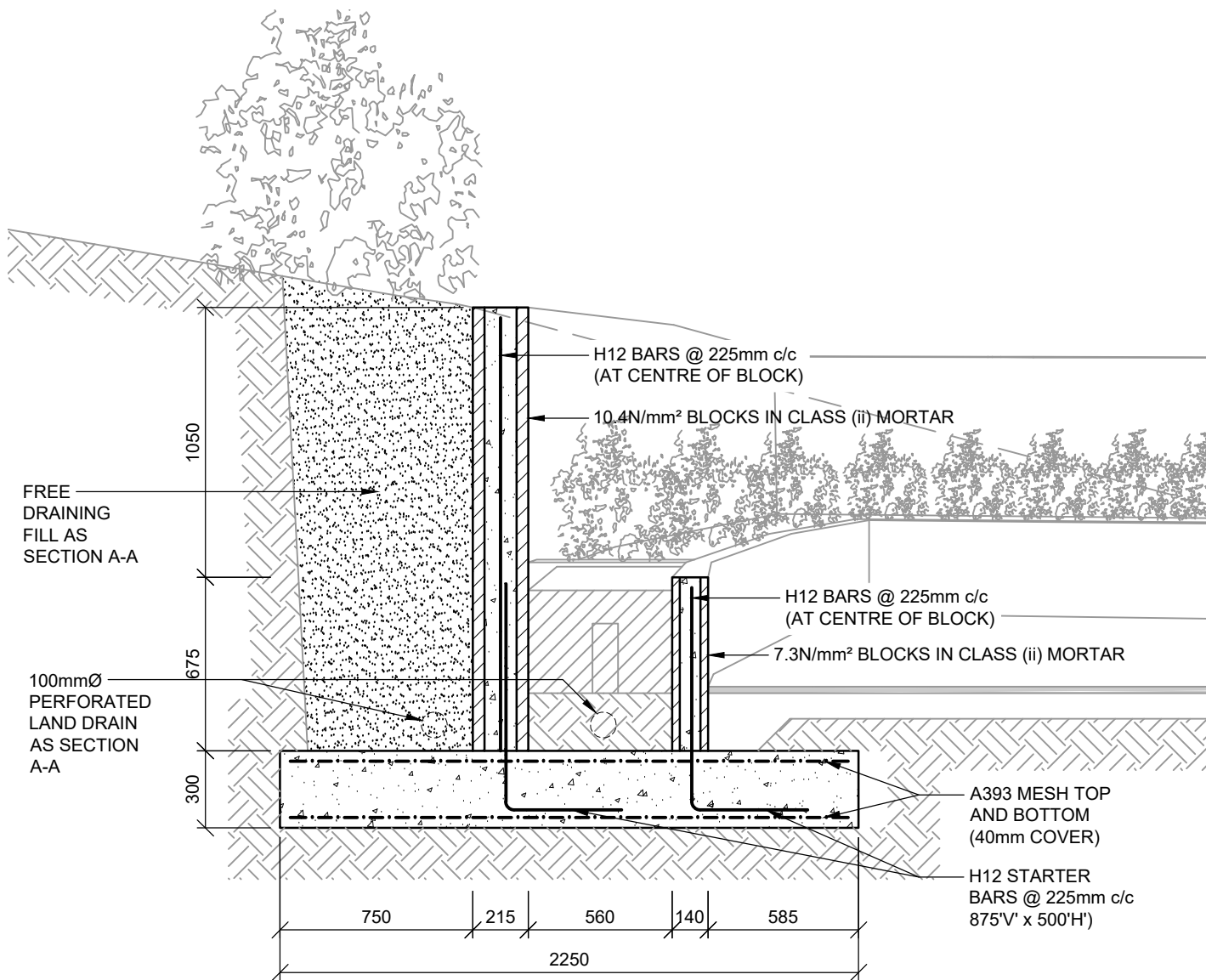
FOR INFORMATION RELATING TO END USE, MAINTENANCE,
DEMOLITION, SEE THE HEALTH AND SAFETY FILE.


IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY
A COMPETENT CONTRACTOR, WHERE APPROPRIATE, TO
AN APPROVED METHOD STATEMENT.

- Notes**
- IF IN DOUBT - ASK !!! DO NOT SCALE
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL
ARCHITECTS AND ENGINEERS DRAWINGS.
 - ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE
RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND
BUILDING PRACTICE.
 - ALL DIMENSIONS TO BE CHECKED PRIOR TO STARTING THE
WORKS ON SITE. ANY DISCREPANCIES TO BE REPORTED TO
THE ENGINEER IMMEDIATELY.
 - CONTRACTOR TO ASCERTAIN THE LOCATION OF SERVICES ON
SITE PRIOR TO STARTING THE WORK.
 - ALL DIMENSIONS FOR CONSTRUCTION ARE TO BE OBTAINED
FROM SITE MEASUREMENTS OR ARCHITECTS SETTING OUT
DRAWINGS PRIOR TO MANUFACTURE/BUILDING.
- CONCRETE MIX SPECIFICATIONS**
- REINFORCED CONCRETE BASE**
CONCRETE TO BE GRADE RC35 (C28/35 STRENGTH CLASS) WITH
A MINIMUM CEMENT CONTENT OF 280kg/m³ AND A MAXIMUM
WATER/CEMENT RATIO OF 0.6. MAXIMUM AGGREGATE SIZE TO BE
20mm.
 - FILL TO HOLLOW BLOCK**
CONCRETE MIX FOR RETAINING WALL CAVITY FILL TO BE
RC35 (C28/35 STRENGTH CLASS) WITH A MINIMUM CEMENT
CONTENT OF 300kg/m³ AND A MAXIMUM WATER/CEMENT RATIO
OF 0.60. MAXIMUM AGGREGATE SIZE TO BE 10mm.
 - CONCRETE TO BE WELL VIBRATED TO ENSURE A SOLID MASS
FREE FROM VOIDS.
 - 50mm CONCRETE BLINDING TO BE LAID UNDER RETAINING
WALL BASE.
 - MINIMUM COVER TO REINFORCEMENT TO BE 40mm TO
ALL FACES.
 - MINIMUM LAPS IN REINFORCEMENT TO BE :-
H20 = 800mm
H16 = 650mm
H12 = 500mm
WHERE BARS OF DIFFERENT SIZE LAP THE LAP LENGTH FOR THE
SMALLER SIZE GOVERNS.
 - CONCRETE TO BE WELL VIBRATED TO ENSURE A SOLID MASS
FREE FROM VOIDS
 - FOUNDATIONS HAVE BEEN DESIGNED USING A NET
ALLOWABLE GROUND BEARING PRESSURE OF 100 kN/m², AT A
MINIMUM OF 1.0m BELOW FINAL EXISTING GROUND LEVEL
WHICHEVER DEEPER. CONTRACTOR IS TO ENSURE THAT ALL
NEW FOUNDATIONS BEAR MINIMUM OF 200mm INTO FIRM
UNDISTURBED SOIL. IF EXTRA DEPTH IS REQUIRED TO REACH
THIS CRITERIA THE EXTRA DIG IS TO BE FILLED WITH
FOUNDATION CONCRETE. WHERE POOR GROUND CONDITIONS
ARE ENCOUNTERED OR THE BUILDING CONTROL OFFICER
REQUESTS AMENDMENTS CONTRACTOR IS TO ADVISE DSA
IMMEDIATELY.
 - UNLESS OTHERWISE NOTED, ALL FOUNDATION ARE CENTRAL
TO WALLS/COLUMNS.
 - WHERE CONTINUOUS MASS CONCRETE FOUNDATIONS ARE
NOT CAST AS ONE, DAYWORK JOINTS ARE TO BE PROVIDED
WITH 4No. Ø16mm MILD STEEL DOWEL BARS, 600mm LONG
PLACED EQUIDISTANT ABOUT JOINT LINE.
 - IT IS INTENDED THAT FOUNDATIONS ARE DUG AND CONCRETE
DURING THE SAME DAY. WHERE THAT IS NOT PRACTICAL,
CONSIDERATION SHOULD BE GIVEN TO BLINDING THE
FORMATION IN ORDER TO MINIMISE GENERAL DETERIORATION
OF THE FORMATION LEVEL.
 - ALL NEW STEEL COLUMNS TO BE BUILT OFF FOUNDATION
CONCRETE UNLESS OTHERWISE NOTED.

**PROPOSED FLOOR PLAN
SHOWING RETAINING WALLS TYPE 3**

1:50



P2	GENERAL UPDATES FOLLOWING COMMENTS FROM THE ARCHITECT	HJ	09.04.20	
P1	FIRST ISSUE	AM/KM	06.04.20	
ISSUE	REVISION	BY	DATE	
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ISSUE PRELIMINARY				
CLIENT THRAPSTON TOWN COUNCIL				
CONTRACT PEACE MEMORIAL PARK THRAPSTON				
TITLE PROPOSED PLANS SHOWING RETAINING WALL DETAILS				
ARCHITECT BLUEPRINT ARCHITECTURAL DESIGN LTD				
DRAWN AM	CHECKED HBJ	DATE MAR '20	SCALE 1:25; 1:50 @ A1	
 David Smith Associates Consulting Structural & Civil Engineers				
Tel: (01604)782620 8 Duncan Close Email: northampton@dsagroup.co.uk Moulton Park Website: www.dsagroup.co.uk Northampton NN3 6WL				
DRAWING NUMBER	20	37913/01	REVISION P2	