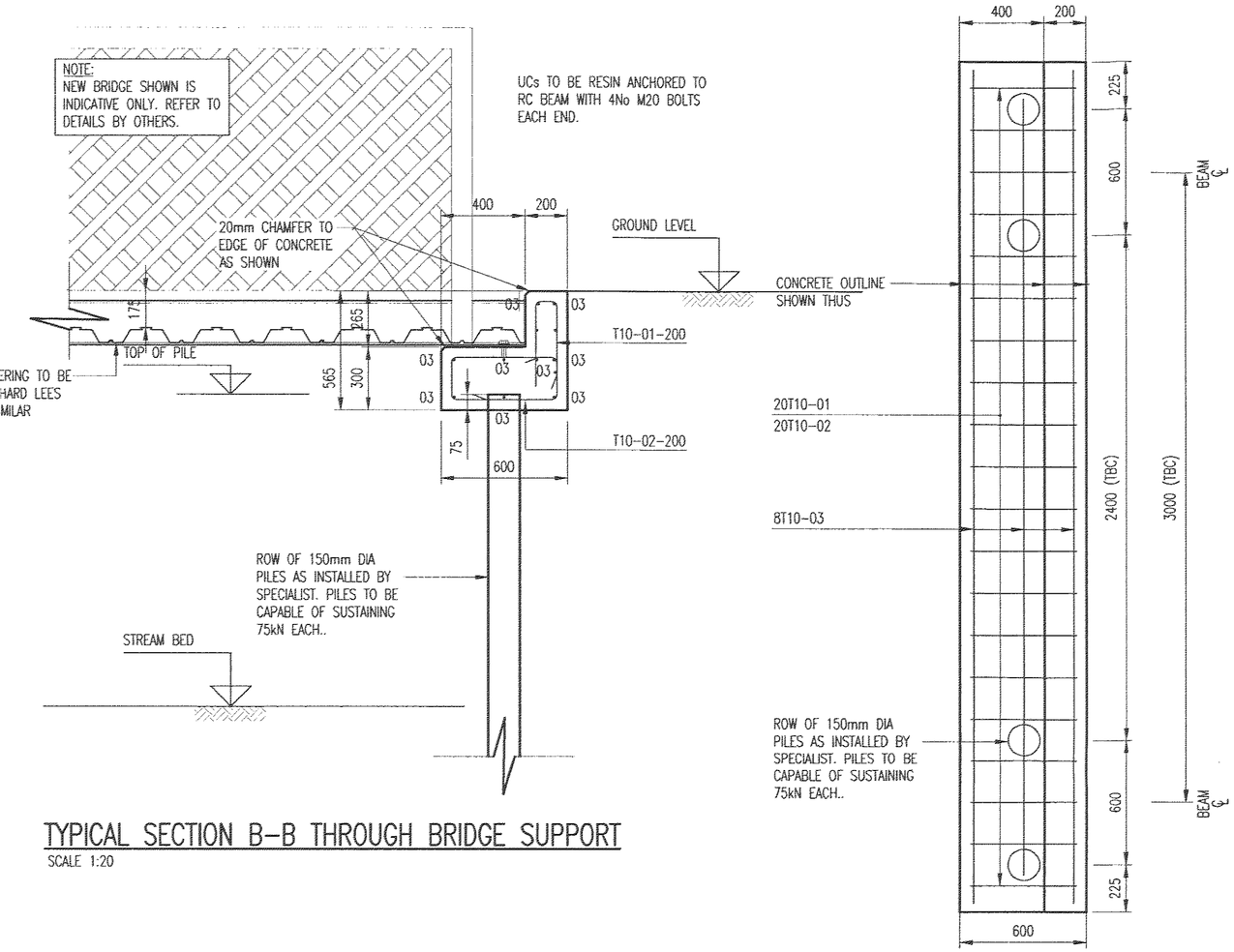
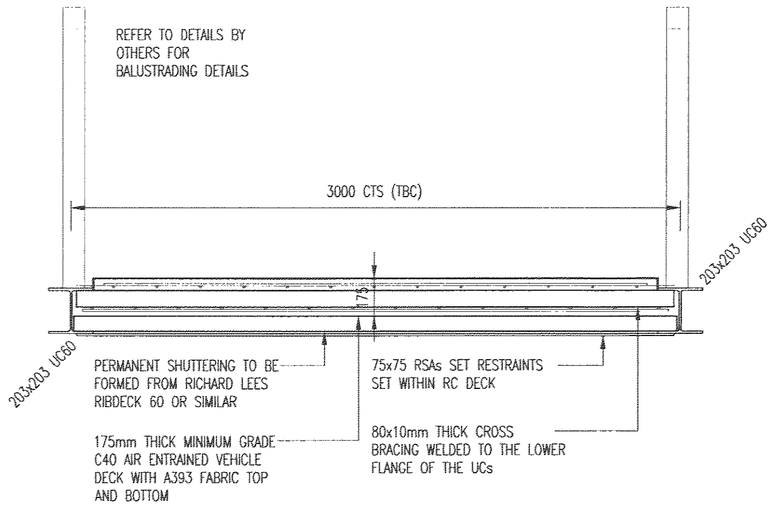
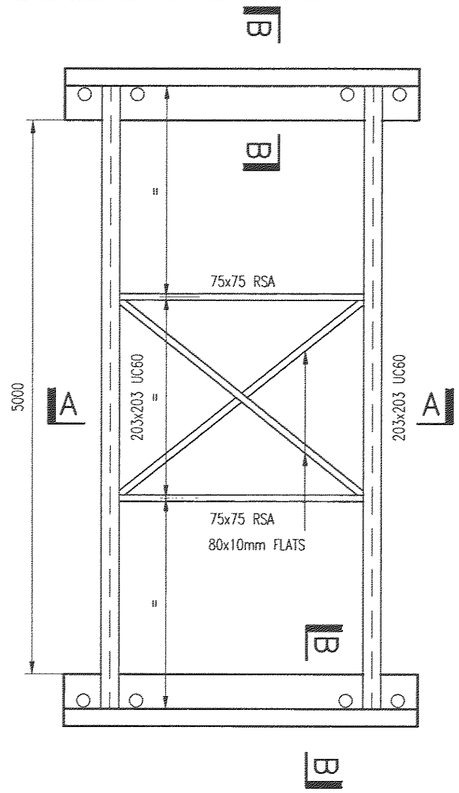


TYPICAL SECTION B–B THROUGH BRIDGE SUPPORT
SCALE 1:20

PLAN ON FOOTBRIDGE SUPPORT
SCALE 1:20



TYPICAL SECTION A–A THROUGH BRIDGE
SCALE 1:20



BRIDGE C.A

NOTES:

1. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND THE SPECIFICATION.

3. ALL WORK IS TO BE TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.

4. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.

5. ALL WORKMANSHIP AND MATERIALS ARE TO BE TO CURRENT BRITISH STANDARDS.

6. ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.

7. ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.

CONCRETE

8. CONCRETE IS TO BE AIR ENTRAINED GRADE C40 DESIGN MIX USING A NOMINAL 20mm SIZE AGGREGATE AND A MINIMUM CEMENT CONTENT OF 330kg/m3 OF ORDINARY PORTLAND CEMENT (O.P.C.).

9. BLINDING TO BE GRADE ST1 CONCRETE MIX CONTAINING NOT LESS THAN 200kg/m3 OF O.P.C. AND A NOMINAL 20mm SIZE AGGREGATE.

10. CONCRETE IS TO BE TO BS EN 206 Pt 1 TO 4: 2000 AND BS EN 8500 Pt 1 AND 2: 2002.

11. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, SUPPORT AND ERECTION OF NAY FORM WORK REQUIRED.

12. FLEXIBLE PROTECTION IS TO BE PROVIDED AROUND ALL SERVICE WITH 50mm COMPRESSIBLE WRAPPING MATERIAL.

13. COVER TO ALL REINFORCEMENT IS TO BE 40mm TOP AND 40mm BOTTOM AND SIDES, UNLESS NOTED OTHERWISE.

14. THE CONTRACTOR IS TO SUPPLY STOOLS, SPACERS, COVER BLOCKS ETC. THESE ITEMS ARE NOT SCHEDULED.

15. REINFORCEMENT IS TO BE TO BS 8666: 2000 AND BS EN ISO 4066: 2000 AS APPLICABLE.

PILING

16. THE PILING CONTRACTOR IS TO VISIT THE SITE AND FULLY AQUAINT HIMSELF WITH ALL ASPECTS AND CONDITIONS RELATING TO THE PROJECT.

17. ALL PILES ARE TO BE DESIGNED TO CARRY A LOAD OF 75KN.

18. THE PILES ARE TO BE DRIVEN, CASED/BORED/CFA 150mm DIA. PILES (ALTERNATIVES MAY BE OFFERED).

19. THE FINAL PILE DESIGN IS TO BE AGREED WITH THE ENGINEER AND IS SUBJECT TO LOCAL AUTHORITY APPROVAL, PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.

20. THE TOPS OF THE PILES ARE TO BE LEFT IN A SOUND CONDITION WITH THE REINFORCEMENT PROJECTING 60 x THE BAR DIAMETER ABOVE THE STATED CUT OFF LEVEL AND TURNED INTO THE SLAB/BEAM. ALL ENDS OF EXPOSED BARS ARE TO BE GUARDED AS NECESSARY TO ENSURE THE SAFETY OF OPERATIVES ON SITE.

21. THE ENGINEER SHALL BE INFORMED IMMEDIATELY SHOULD ANY PILES MEET AN OBSTRUCTION, BE OUT OF PLUMB OR OUTSIDE OF PLAN TOLERANCE BY 75mm.

22. ALL PILING WORKS ARE TO BE IN ACCORDANCE WITH THE SPECIFICATION FOR PILING WORKS AS PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.

23. ALL SERVICES ARE TO BE LOCATED PRIOR TO THE SETTING OUT OF THE PILES. MODIFICATION TO THE PILING LAYOUT MAY THEN BE BE NECESSARY TO ACCOMMODATE SERVICES FOUND ON SITE.

Rev	Amendments	Drawn	Approved	Date

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Project
MARINA DEVELOPMENT MARKET BOSWORTH

Drawing Title
ACCESS BRIDGE CONSTRUCTION DETAILS

Client
MR & MRS TRIVETT

Drawn by	Designed by
RW	DJS
Approved by	Checked by
Scale: AS SHOWN	Date: 15.09.06

Drawing No. | Rev

OCT 2007

15 OCT 2007