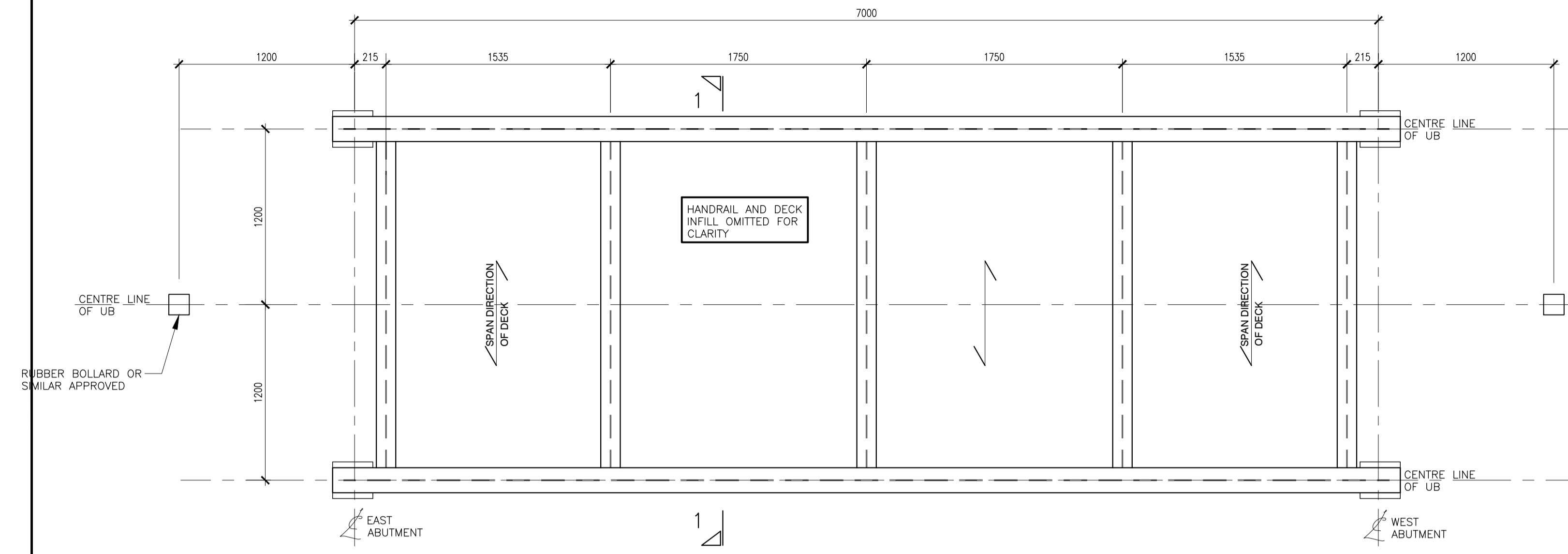
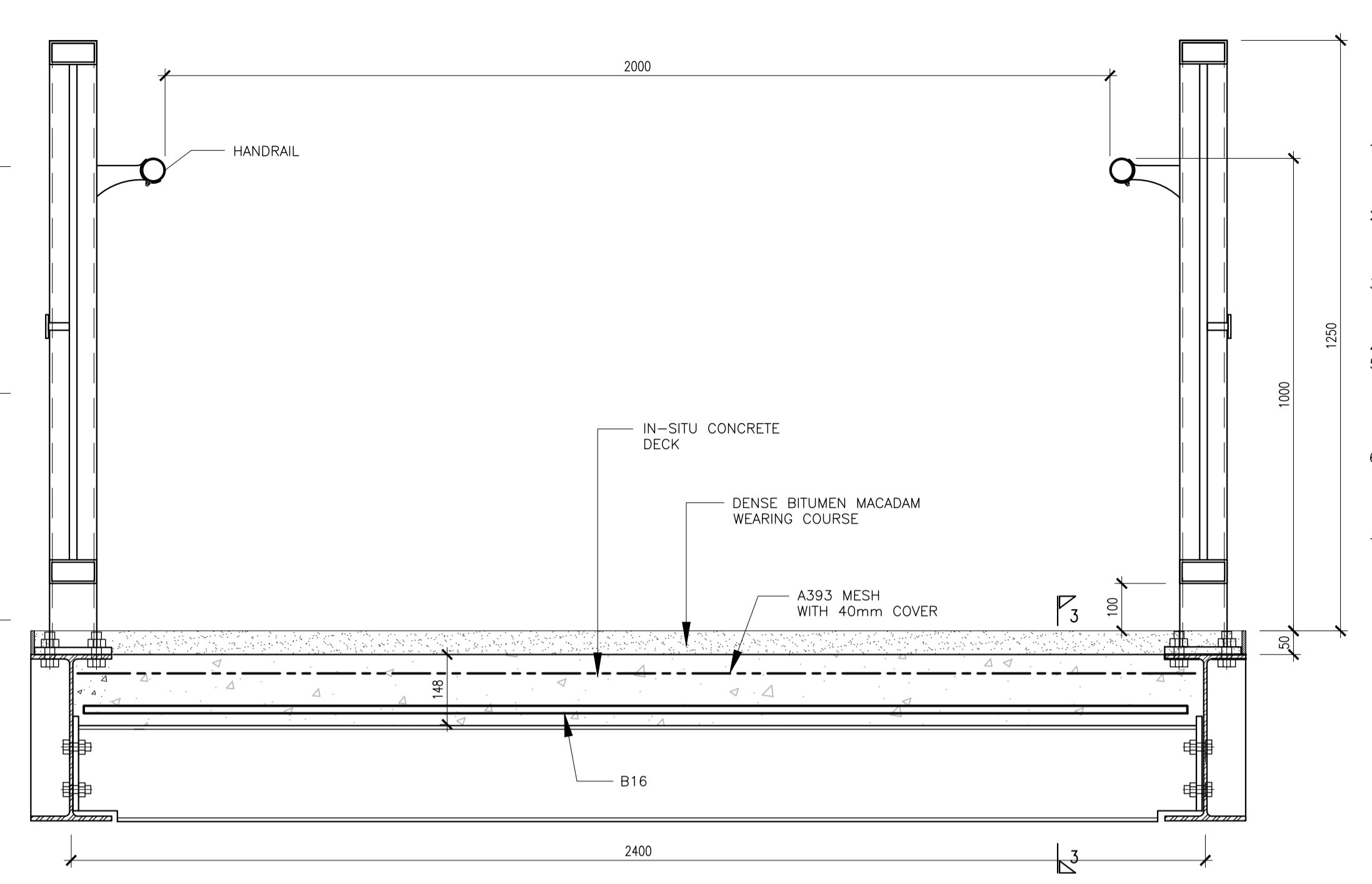


- NOTES:
- THE BRIDGE HAS ONLY BEEN DESIGNED FOR THE FOLLOWING LOADS:
    - PEDESTRIAN LOAD = 5kN/m<sup>2</sup>
    - HANDRAIL LOAD = 0.7kN/m.
  - COMPLY WITH BS 5400 PART 1 FOR 51 FIXED TO 125x75x10 RSA IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION
  - STRUCTURAL STEEL
    - ALL MATERIAL TO BE AS FOLLOWS:
      - GRADE S355J0: HOT ROLLED OPEN SECTION
      - GRADE S355J0: COLD ROLLED HOLLOW SECTION
      - GRADE S275J0: HOT ROLLED PLATES
    - ALL STEEL TO BE HOT DIPPED GALVANIZED.
    - ALL BOLTS TO BE HIGH STRENGTH GRADE 8.8 BOLTS, NUTS AND WASHERS TO BE HOT DIPPED GALVANIZED. ALL BOLTS TO HAVE AT LEAST ONE THREAD PROJECTING THROUGH NUT. FABRICATOR SHALL PROVIDE VENT HOLES AND DRAIN HOLES AS REQUIRED FOR THE GALVANIZING PROCEDURE. PLUG HOLES AFTER GALVANIZING UNO.
    - ALL WELDS TO BE 6mm FILLET WELDS ALL AROUND UNO. NO SITE WELDING PERMITTED WITHOUT PRIOR APPROVAL OF DESIGNER.

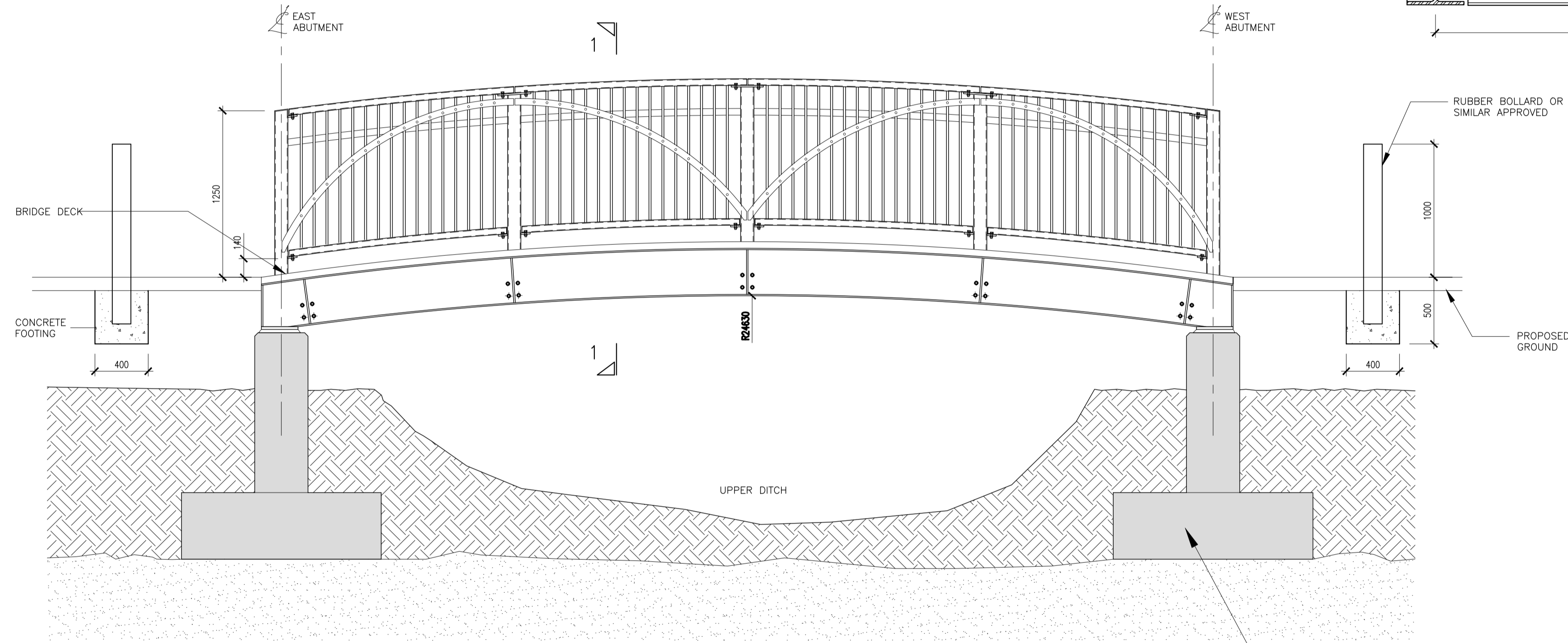
CONCRETE:  
 7. CONCRETE STRENGTH OF DECK INFILL TO BE C40/50. REINFORCEMENT TO BE GRADE B500B.



**PLAN OF DECK**  
 (Scale 1:25)



**SECTION 1-1**  
 (Scale 1:10)



**ELEVATION OF BRIDGE**  
 (Scale 1:25)

P1	17/12/19	PLANNING ISSUE	PJC
REV	DATE	DESCRIPTION	BY
<b>STAGE 2 - PLANNING</b>			
DESIGNED	BCM	PREPARED	PJC
DATE	NOV 2019	CHECKED	DJR

**DBFL** CONSULTING ENGINEERS

DUBLIN OFFICE Ormond House,  
 Upper Ormond Quay, Dublin 7, Irel  
 PHONE +353 1 400 4000  
 FAX +353 1 400 4050

WATERFORD OFFICE Unit 2, The Quay  
 1-2 O'Connell Street, Waterford, Irel  
 PHONE +353 51 309 500  
 FAX +353 51 844 913

DBFL Consulting Engineers email: info@dbfl.ie site: www.dbfl.ie

PROJECT  
**NEWTOWNMOYAGHY SHD**

DRG. TITLE  
**PROPOSED FOOTBRIDGE**

CLIENT  
**MCGARRELL REILLY**

SCALE AS SHOWN @A1 FILE REF. 190009-DBFL-XX-XX-DI  
 DRG. NO. 190009-DBFL-XX-XX-DR-C-2015