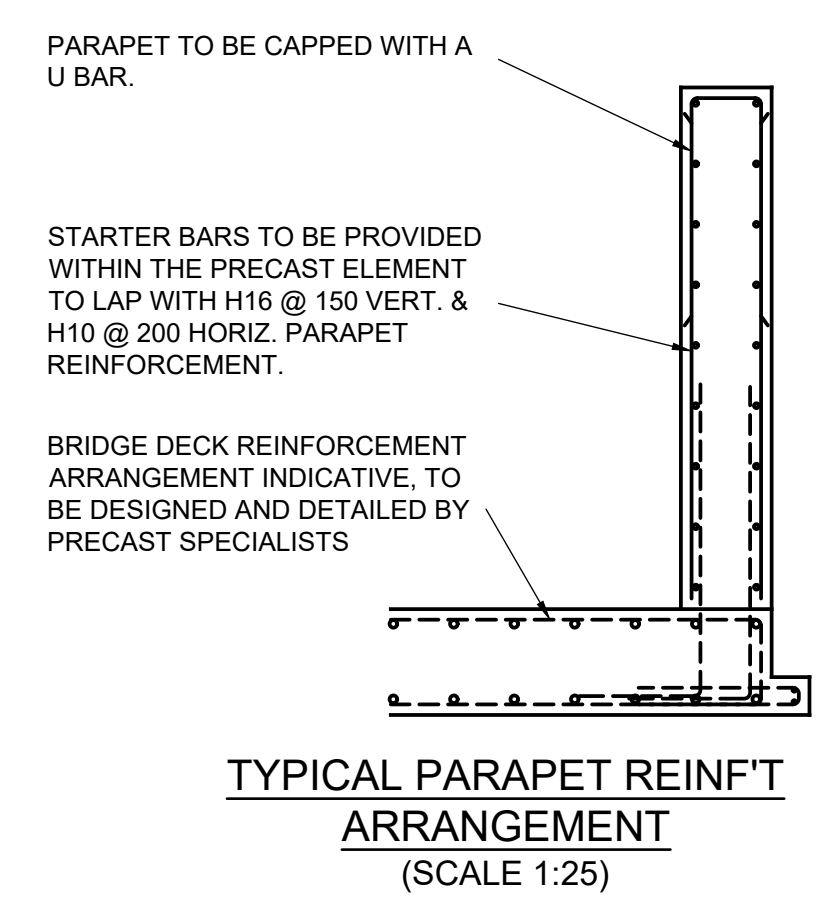
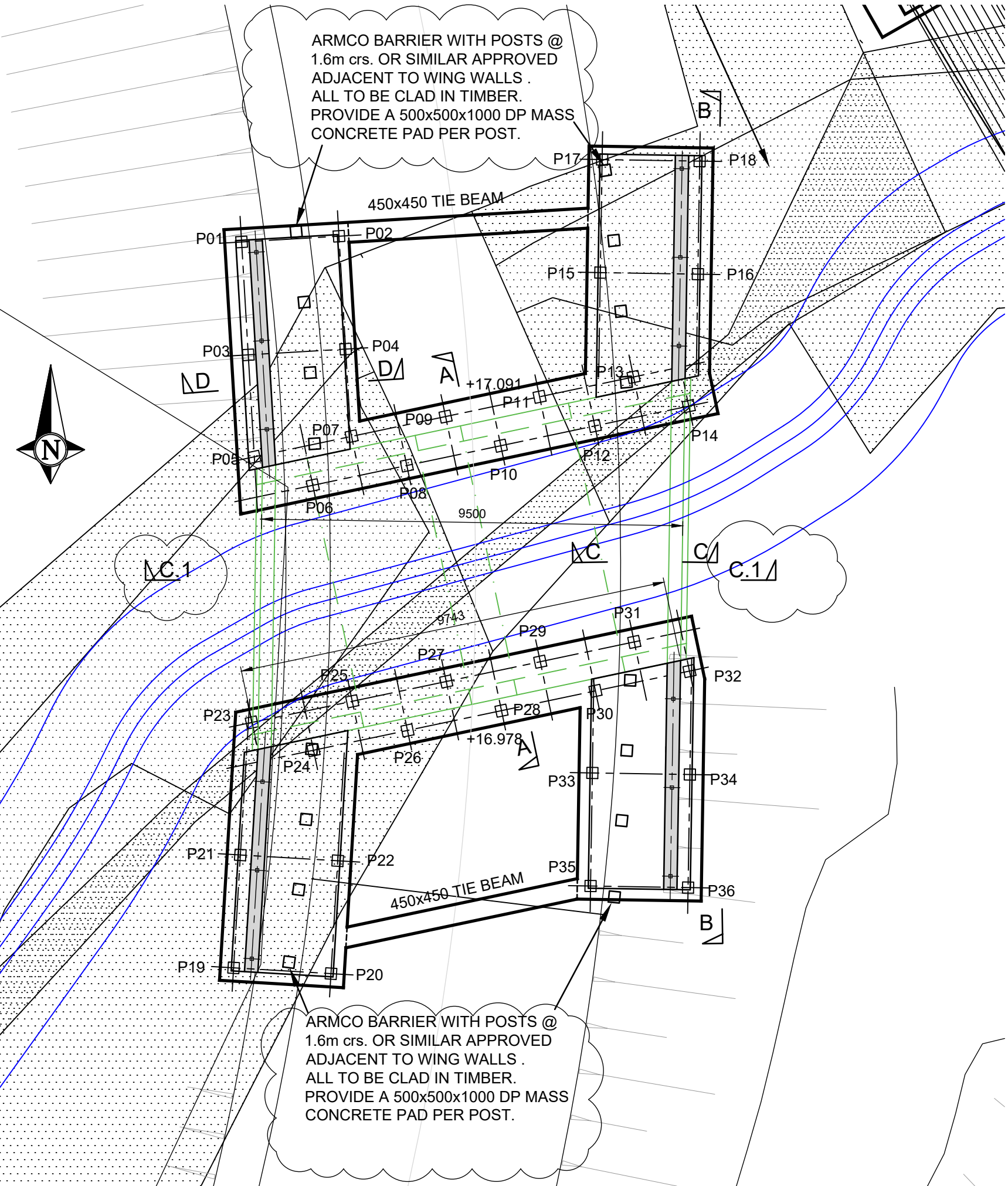


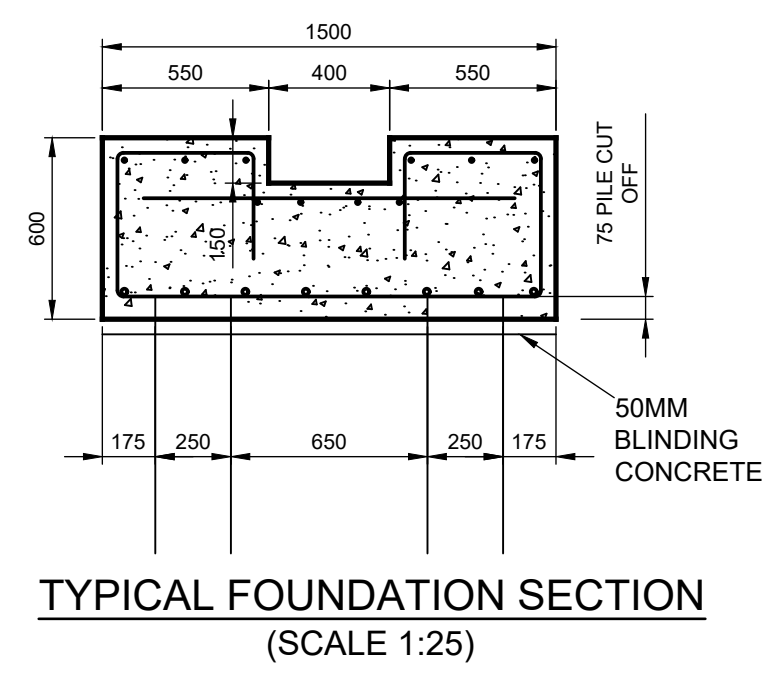
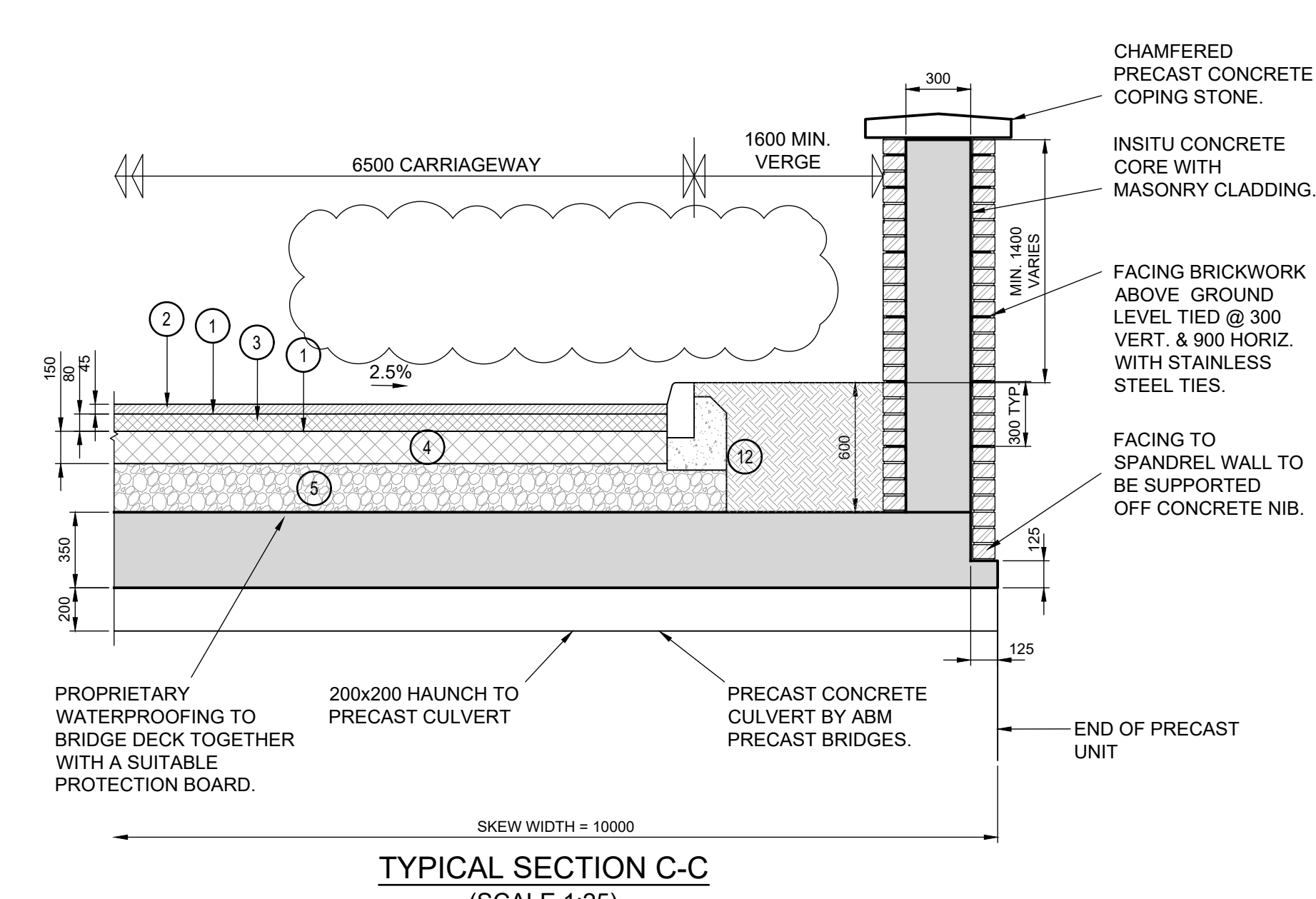


FOR PILE SCHEDULE REFER TO DRAWING 1005

PRECAST CULVERT AND WING WALLS TO BE BY ABM PRECAST SOLUTIONS OR SIMILAR APPROVED.

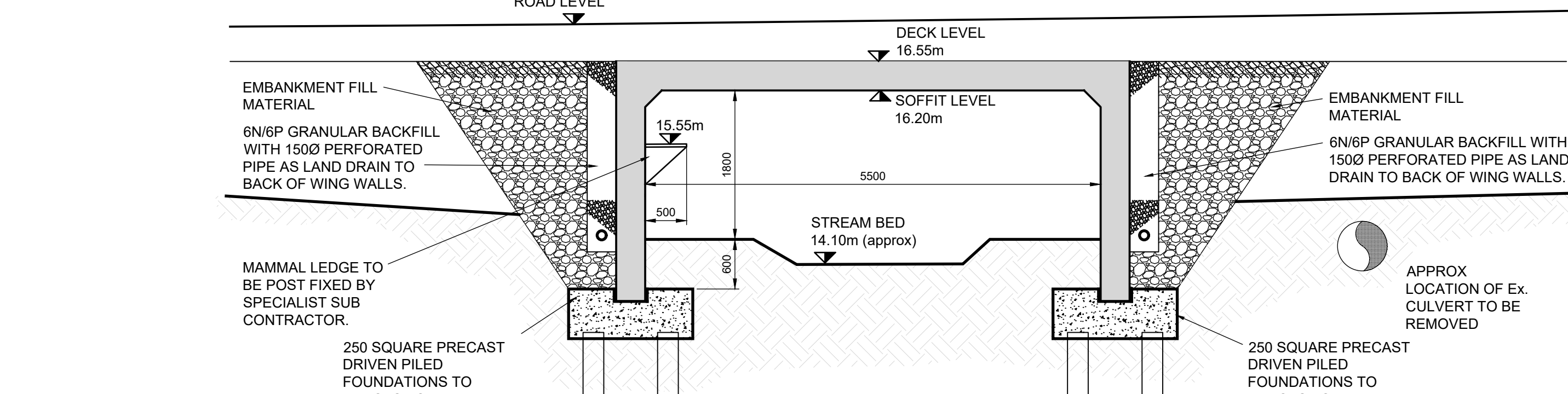
BRICKWORK COURSING / ARRANGEMENT TO ARCHITECT'S DETAILS.

FOR REINFORCEMENT QUANTITIES REFER TO QUOBLEIGH BRIDGE RC ESTIMATES

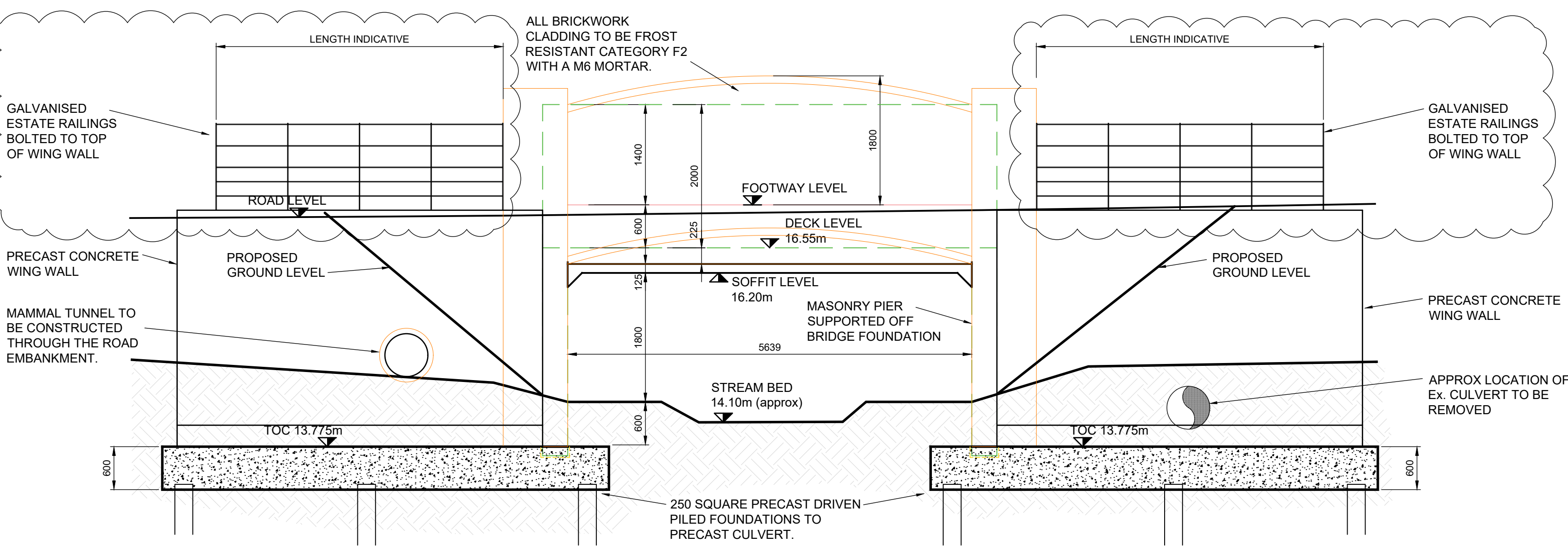


- BOND COAT SPRAYED TO ACHIEVE A RESIDUAL BITUMEN ON THE SURFACE OF 0.35KG/SQM. IN ACCORDANCE WITH BS594987.
- 45MM THICK SURFACE COURSE - HRA 35/14F SURF 40/60 TO CL 943 AND BS EN 13108 PART 4. CLASS 1 WHEEL TRACKING - APPLY AND ROLL IN PRECAST CHIPPINGS PSV MIN 68PL. AAV MAX 12, AVERAGE TEXTURE DEPTH 1.2MM.
- 80MM THICK BINDER COURSE AC20BIN 40/60 BS EN 13108 PART 1. CL929 CLASS 1 WHEEL TRACKING
- 150MM THICK BASE COURSE - AC32 BASE 40/60 BS EN 13108 PART 1. CL929 CLASS 1 WHEEL TRACKING
- 225mm MINIMUM THICK SUB-BASE TYPE CDD GRANULAR MATERIAL TO CLAUSE HCC 891 AR
- 525mm THICK CAPPING LAYER IN ACCORDANCE WITH DOT SPECIFICATION SELECTED GRANULAR FILL SF5 AS SPECIFIED BY CBR RESULTS AND/OR EXISTING GROUND LEVEL COMPACTED TO THE REQUIREMENTS OF CLAUSE 802 AND BS 1377. (NOT REQUIRE ON THIS DRAWING)
- TERRAM T3000 GEOTEXTILE SEPARATOR WHEN CBR VALUES ARE LESS THAN 2% (NOT REQUIRE ON THIS DRAWING)
- ENNIS-FLINT HFS COLOUR BUFF PRODUCT CYCKETRACK OR SIMILAR APPROVED (NOT REQUIRE ON THIS DRAWING)
- 20mm THICK DENSE ASPHALT CONCRETE (MACADAM) SURFACE COURSE AC6 DENSE SURF 100/150 PSV 45 FOOTWAY OR 55 FOR CYCLEWAYS TO BS EN 13108-1 (NOT REQUIRE ON THIS DRAWING)
- 45mm THICK OPEN GRADED ASPHALT CONCRETE (MACADAM) BINDER COURSE AC20 OPEN BIN 100/150 TO BS EN 13108-1 (NOT REQUIRE ON THIS DRAWING)
- 100MM THICK SUB-BASE TYPE CDD GRANULAR MATERIAL (HBM) TO CLAUSE HCC 894 AR (NOT REQUIRE ON THIS DRAWING)
- 150mm THICK CLASS 5A OR CLASS 5B TOPSOIL AND SEED TO CLAUSE 3005
- COMPOSITE GEOGRID TENSAR AR1 OR SIMILAR (NOT REQUIRE ON THIS DRAWING)

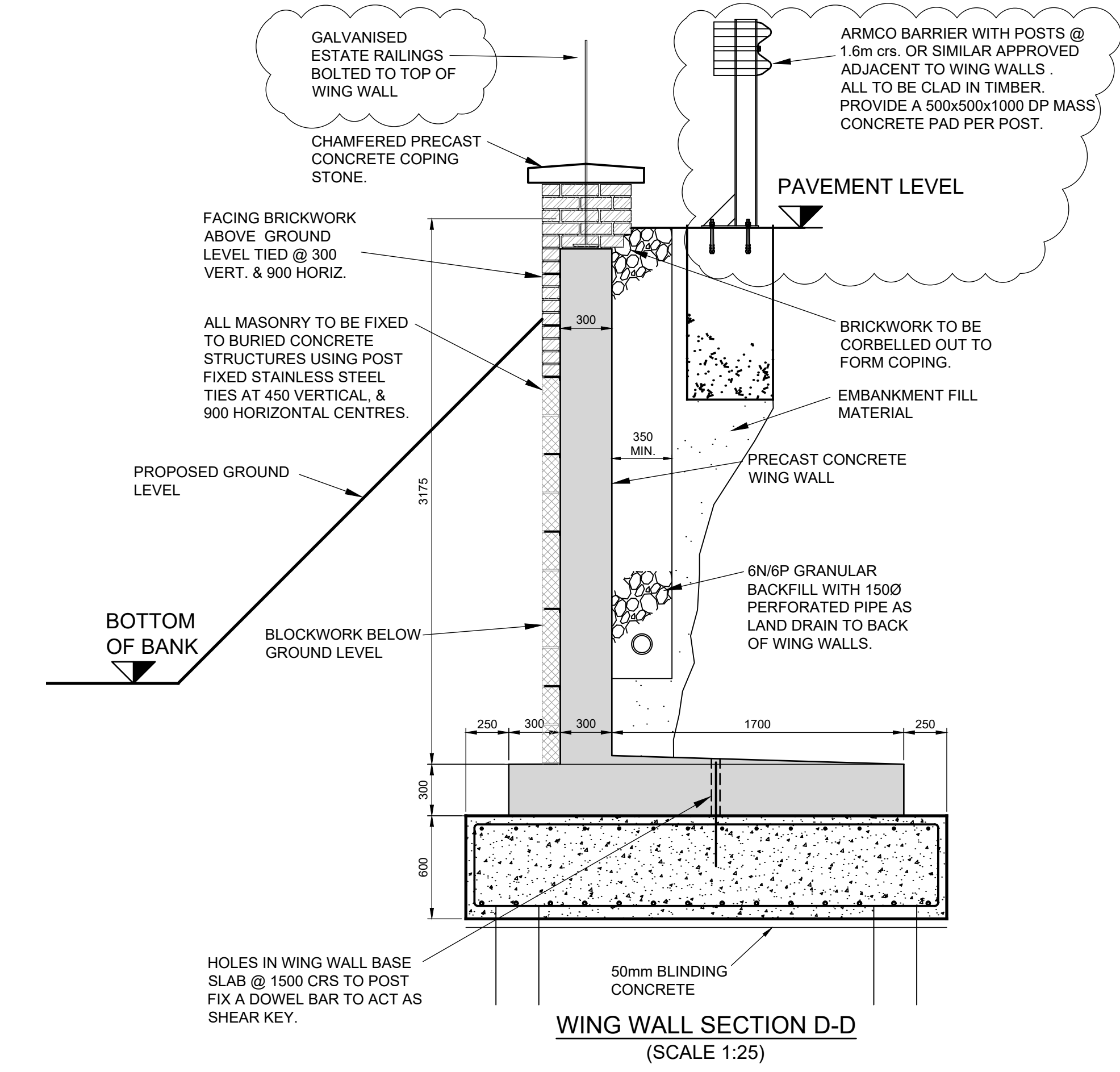
- GENERAL NOTES**
- HEALTH & SAFETY:**
- ALL WORKS TO BE CARRIED OUT BY A CONTRACTOR COMPETENT TO UNDERTAKE THE CONSTRUCTION OF WORKS AS INDICATED ON THIS DRAWING. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE JOB SPECIFICATION. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.
- GENERAL:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST SUB-CONTRACTORS DRAWINGS AND THE SPECIFICATION.
  - THIS DRAWING IS COPYRIGHT. THE RIGHT TO REPRINT OR REPRODUCE THIS DRAWING MUST BE SOUGHT FROM REUBY & STAGG Ltd.
  - DIMENSIONS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS SHALL BE USED.
  - ANY DISCREPANCIES IN DIMENSIONS OR DETAILS ON OR BETWEEN THESE DRAWINGS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND OR THE ENGINEER IN WRITING FOR CLARIFICATION.
  - ALL DIMENSIONS ARE IN MILLIMETERS. ALL LEVELS ARE IN METRES (UNLESS NOTED OTHERWISE).
  - THE ENGINEER SHALL BE INFORMED IMMEDIATELY OF ANY VARIATION TO THE EXPECTED SOIL STRATA AND CONFIRMED IN WRITING WITHIN 24 HOURS.
  - ALL CONCRETE TO BE IN ACCORDANCE WITH SERIES 1700 OF VOL.1 SPECIFICATION FOR HIGHWAYS WORKS.
  - UNDER BRE SPECIAL DIGEST 1, 2005 'CONCRETE IN AGGRESSIVE GROUND. SOIL EXTRACTS FELL INTO DESIGN SULPHATE CLASS DS-3 WITH AN (ACEC) SITE CLASSIFICATION OF AC-5.
  - ALL CONCRETE TO REINFORCED ELEMENTS TO BE TYPE C50/60 IN ACCORDANCE WITH BS 8500-1 AND BS EN 206-1.
  - REINFORCEMENT COVER TO BE:-  
BTM FACE OF PILECAP 75mm  
ALL OTHER FACES TO BE 50mm.
  - A BLINDING LAYER OF CONCRETE 75mm THICK GRADE GEN 3 IN ACCORDANCE WITH BS8500 MAY BE PLACED TO ADEQUATELY SUPPORT REINFORCEMENT.
  - ALL TEMPORARY WORKS TO ENSURE STRUCTURAL STABILITY OF ALL ELEMENTS, ALL EXCAVATIONS TO BE FULLY PROPPED. TEMPORARY WORK TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
  - CULVERT UNITS AND BUTTRESS AREA OF WING WALL CULVERT TO BE COATED WITH TWO COATS OF BITUMINOUS EMULSION AND PROTECTED WITH IMPREGNATED FIBRE BOARD.
  - SURCHARGE AND SETTLEMENT PERIOD TO BE DESIGNED BY CONTRACTOR.
  - BRIDGES TO BE DESIGNED IN ACCORDANCE WITH CD 350 - THE DESIGN OF HIGHWAY STRUCTURES. TRAFFIC LOADING IN ACCORDANCE WITH EC1-PART 2 BS EN 1991-2:2003 MODIFIED BY THE UK NATIONAL ANNEX.
  - MORTAR FOR ALL BRICKWORK TO BE M6 FACTORY DESIGNED MORTAR TO EN 998-2.



QUOBLEIGH STREAM - TYPICAL SECTION A-A



QUOBLEIGH STREAM - ELEVATION B-B



WING WALL SECTION D-D (SCALE 1:25)

TENDER

|      |                              |              |
|------|------------------------------|--------------|
| T3   | CLIENT COMMENTS ADDED        | 16.03.22 DPO |
| T2   | MAMMAL LEDGE LEVEL AMENDED   | 02.03.22 DPO |
| T1   | TENDER ISSUE                 | 16.02.22 DPO |
| P2   | WINGWALLS ADDED TO ELEVATION | 21.01.22 DPO |
| P1   | PRELIMINARY ISSUE            | 20.09.21 DPO |
| Rev. | Description                  | Date         |

Drawing Status: **TENDER**

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|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Site:                 | HORTON HEATH                                              |
| Address:              | EASTLEIGH                                                 |
| Org Title:            | QUOBLEIGH STREAM BRIDGE<br>STRUCTURAL GENERAL ARRANGEMENT |
| Scale:                | 1:100 PLAN                                                |
| Page Size:            | A1                                                        |
| Date:                 | SEPT '21                                                  |
| 1:25 SECTS, 1:50 ELEV | Drawn: DPO                                                |
| Checked: LC           | Revision:                                                 |

Drawing No: **10413-SEG3-1000**