

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 SPECIFIC RISK ASSESSMENT. 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.
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- 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.

TENDER

T3	CLIENT COMMENTS ADDED	16.03.22	DPO
T2	MAMMAL LEDGES SHOWN	08.03.22	HGS
T1	TENDER ISSUE	16.02.22	DPO
P3	WINGWALLS ADDED TO ELEVATION		
	TIMBER BOLLARDS ADDED	21.01.22	DPO
P2	WINGWALL HEIGHT AMENDED	06.01.22	LC
P1	PRELIMINARY ISSUE	20.09.21	DPO
Rev.	Description	Date	Initial

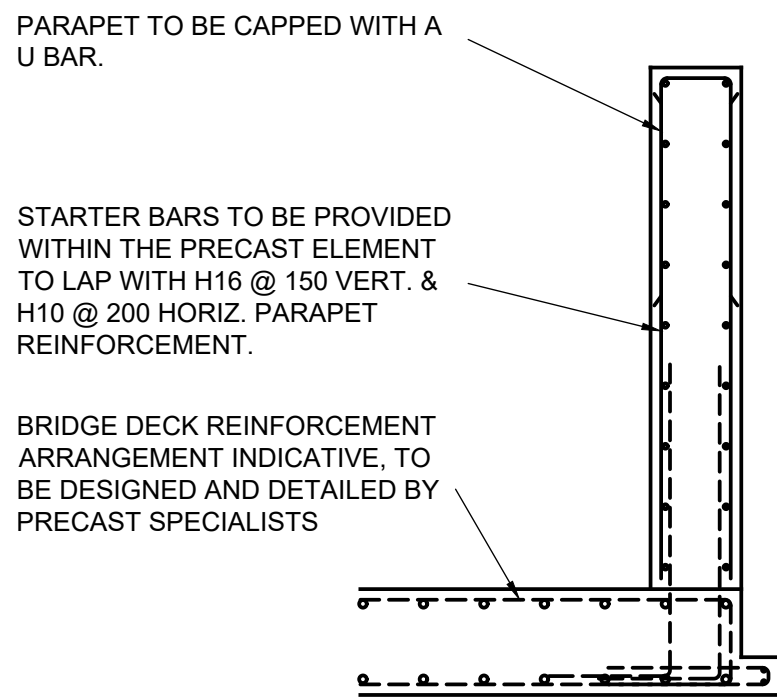
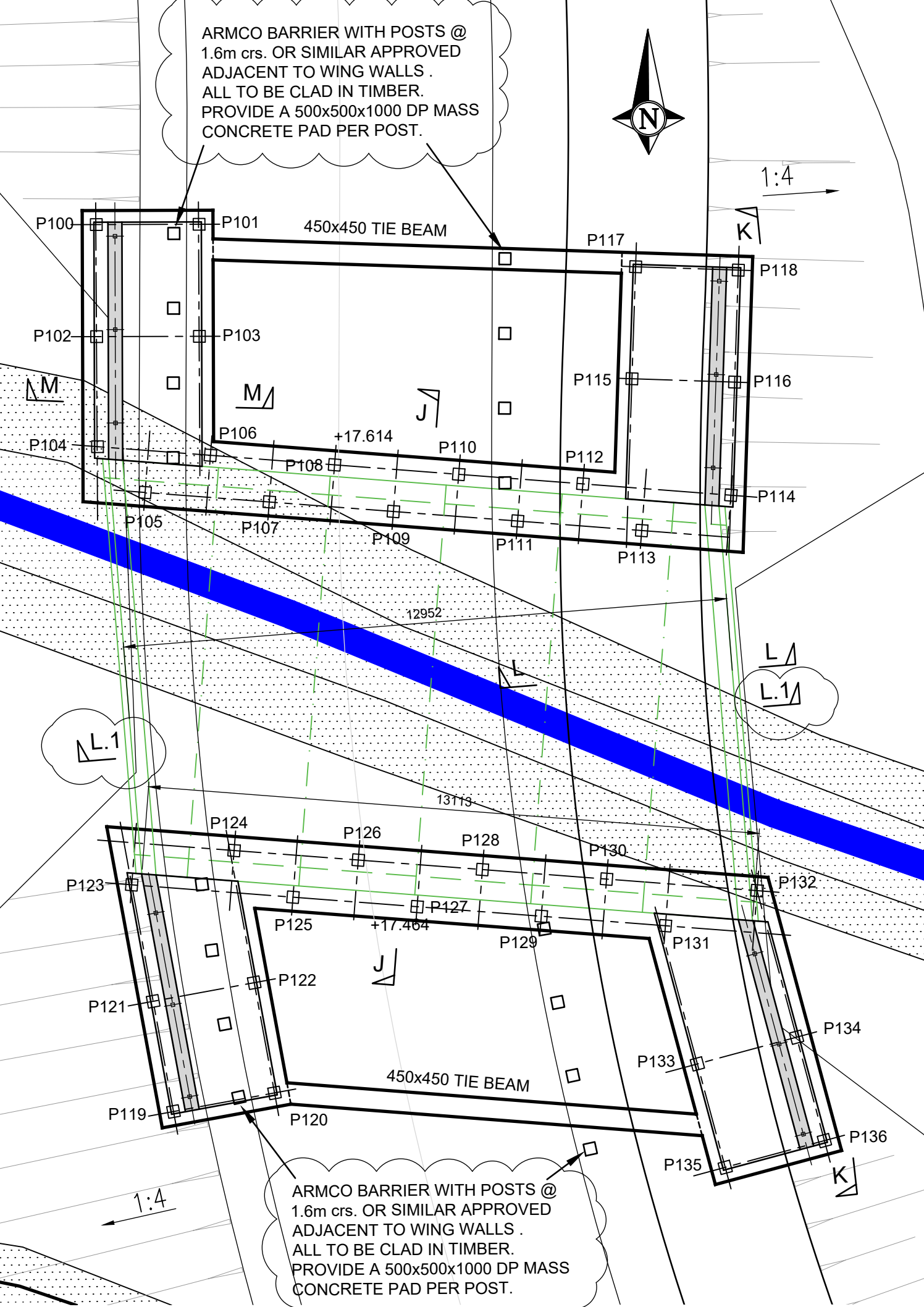
Drawing Status: TENDER

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Site:	HORTON HEATH
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Scale:	1:100 PLAN 1:25 SECTS, 1:50 ELEV
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T3



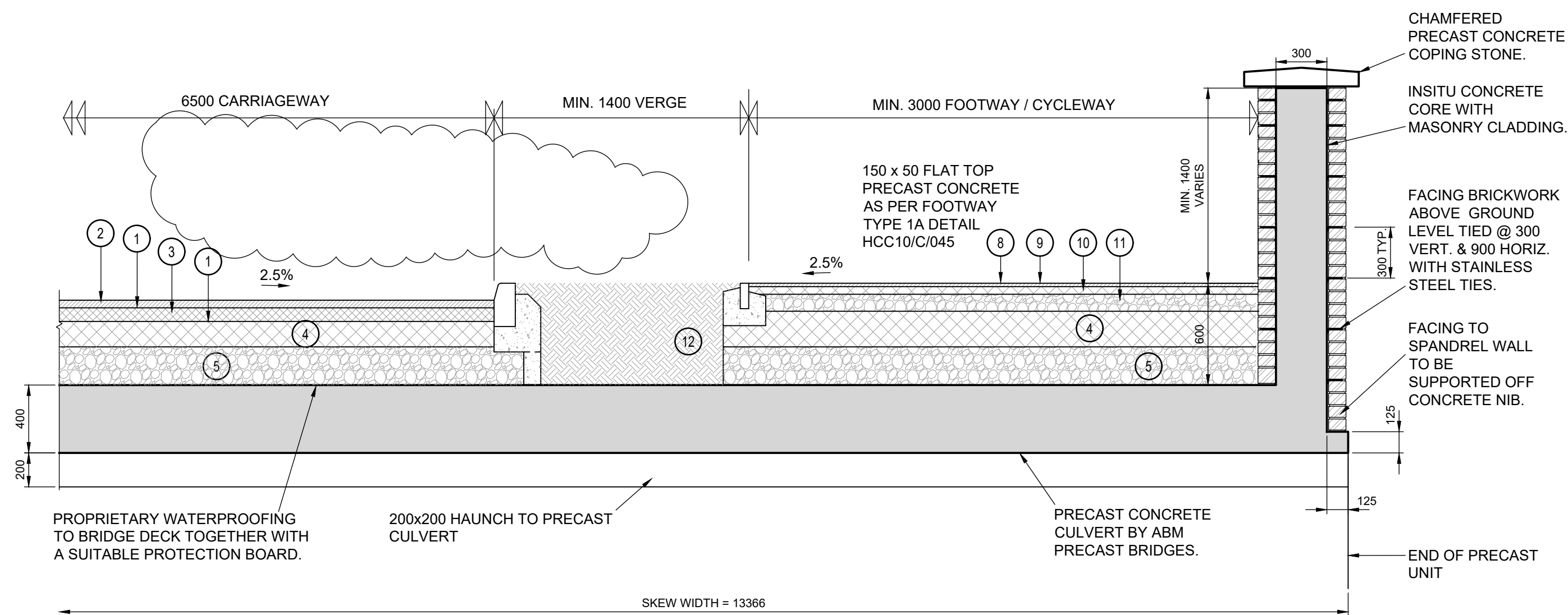
TYPICAL PARAPET REINF'T
ARRANGEMENT
(SCALE 1:25)

FOR PILE SCHEDULE
REFER TO DRAWING 1006

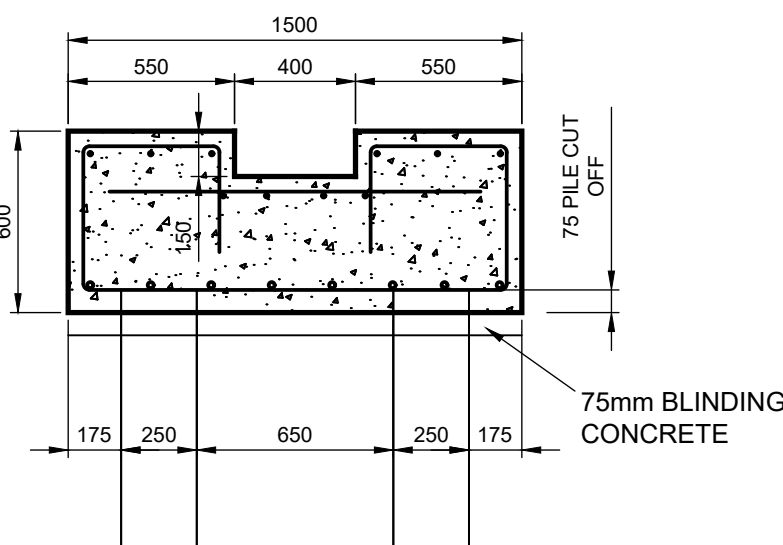
PRECAST CULVERT AND
WING WALLS TO BE BY
ABM PRECAST SOLUTIONS
OR SIMILAR APPROVED.

BRICKWORK COURSING /
ARRANGEMENT TO
ARCHITECT'S DETAILS.

FOR REINFORCEMENT
QUANTITIES REFER TO
TOLL BROOK BRIDGE
RC ESTIMATES

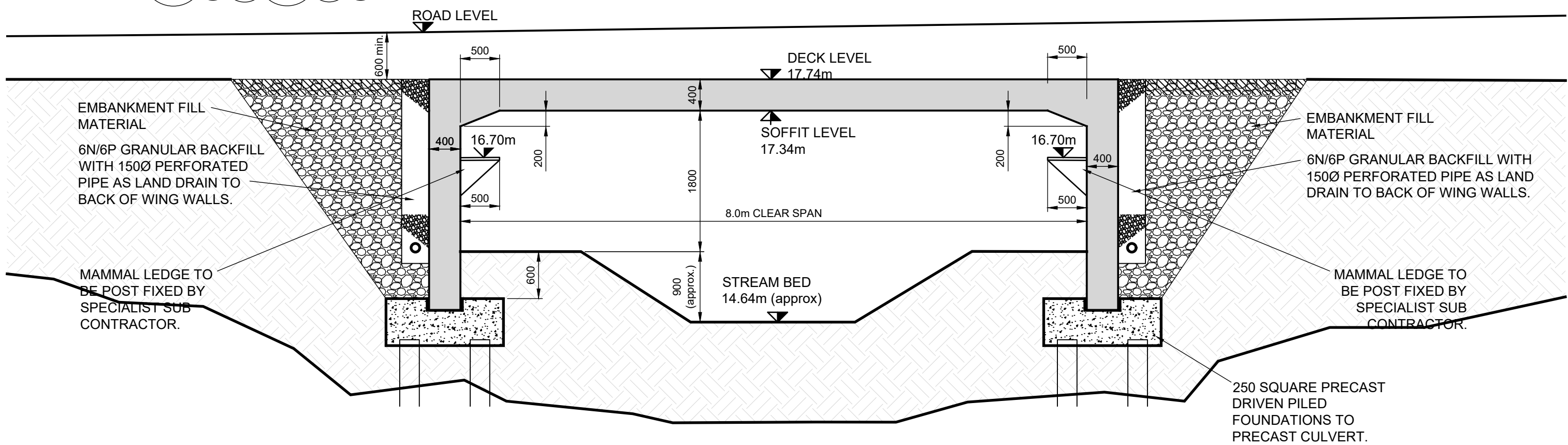


TYPICAL SECTION L-L
(SCALE 1:25)

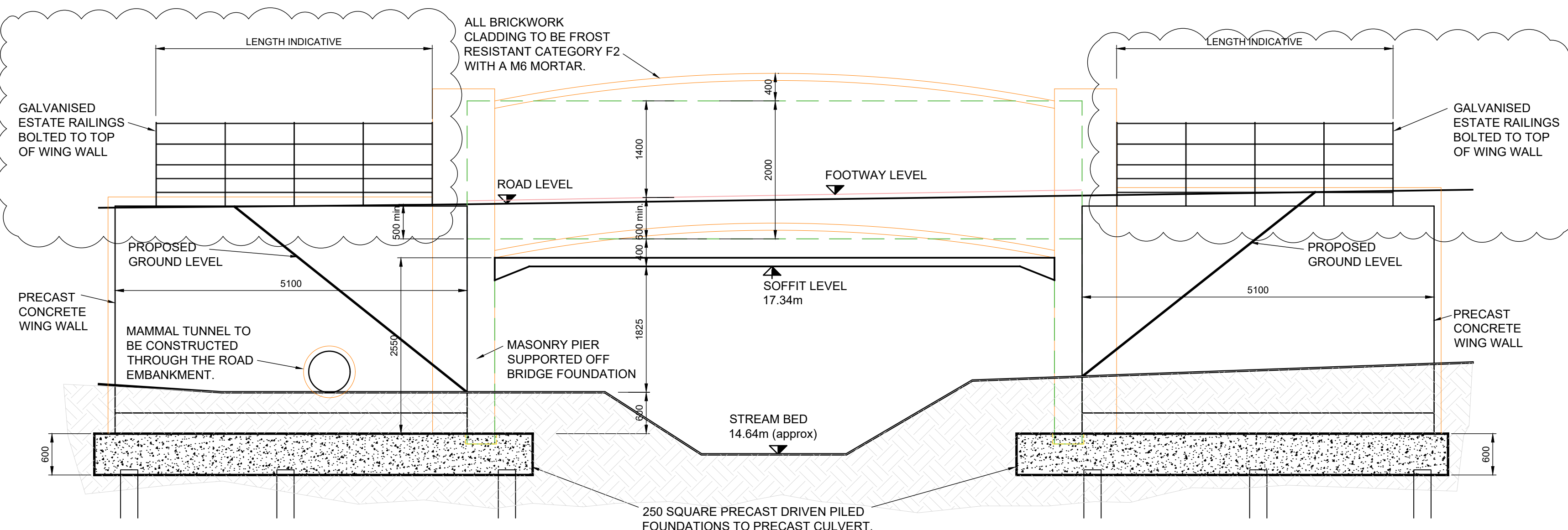


TYPICAL FOUNDATION SECTION
(SCALE 1:25)

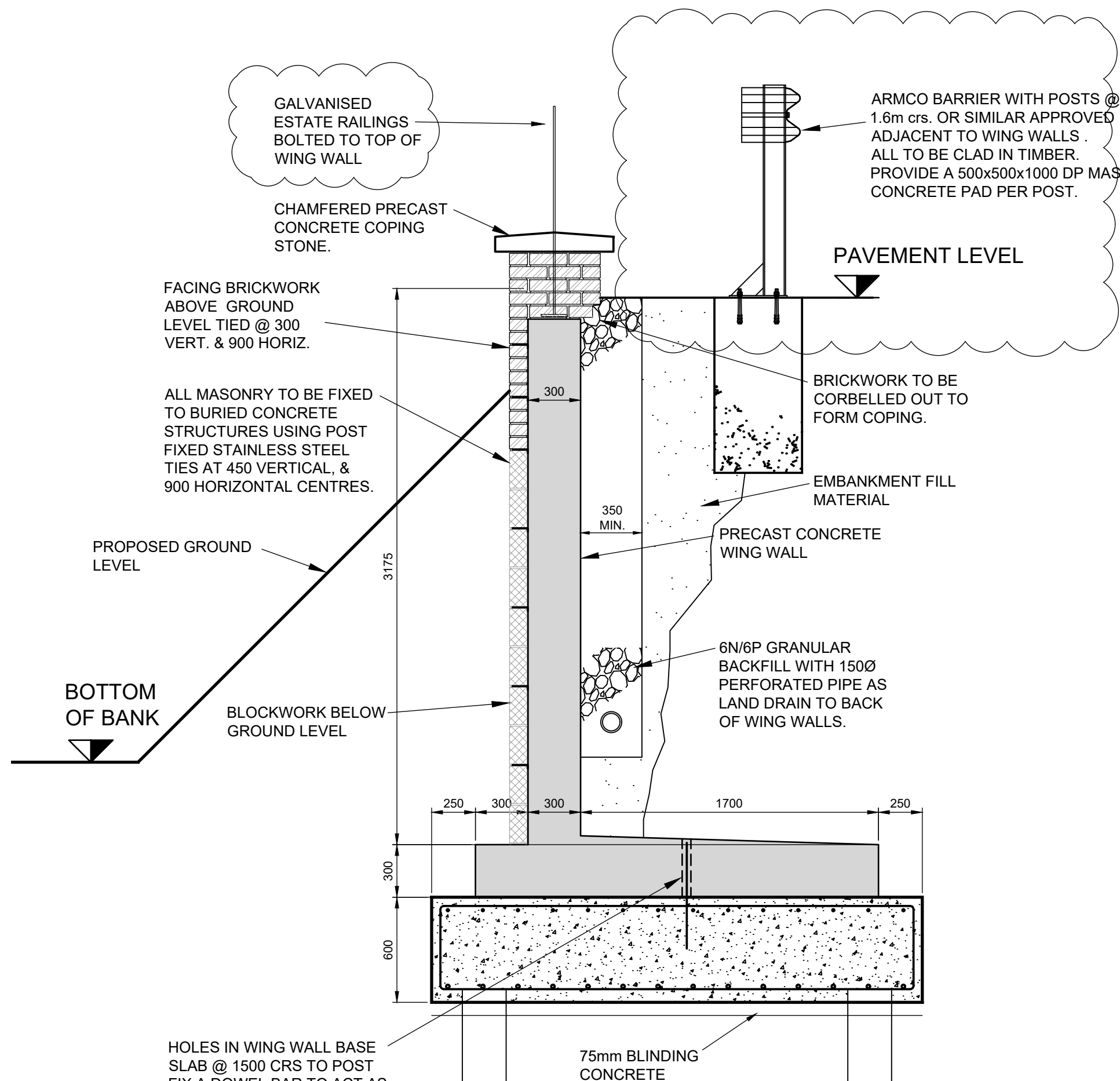
- BOND COAT SPRAYED TO ACHIEVE A RESIDUAL BITUMEN ON THE SURFACE OF 0.35KG/SQM. IN ACCORDANCE WITH BS594987.
- 45MM THICK SURFACE COURSE - HRA 35/14F SURF 40/60 TO CL943 AND BS EN 13108 PART 4. CLASS 1 WHEEL TRACKING - APPLY AND ROLL IN PRECOATED CHIPPINGS PSV MIN 68+, AAV MAX 12, AVERAGE TEXTURE DEPTH 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 6F5 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
- 20mm THICK DENSE ASPHALT CONCRETE (MACADAM) SURFACE COURSE AC8 DENSE SURF 100/150 PSV 45 FOOTWAY OR 55 FOR CYCLEWAYS TO BS EN 13108-1
- 45mm THICK OPEN GRADED ASPHALT CONCRETE (MACADAM) BINDER COURSE AC20 OPEN BIN 100/150 TO BS EN 13108-1
- 100MM THICK SUB-BASE TYPE CDD GRANULAR MATERIAL (HBM) TO CLAUSE HCC 894 AR
- 150mm THICK CLASS 5A OR CLASS 5B TOPSOIL AND SEED TO CLAUSE 3005
- COMPOSITE GEOGRID TENSAR AR1 OR SIMILAR



TOLL BROOK - TYPICAL SECTION J-J



TOLL BROOK - ELEVATION K-K



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