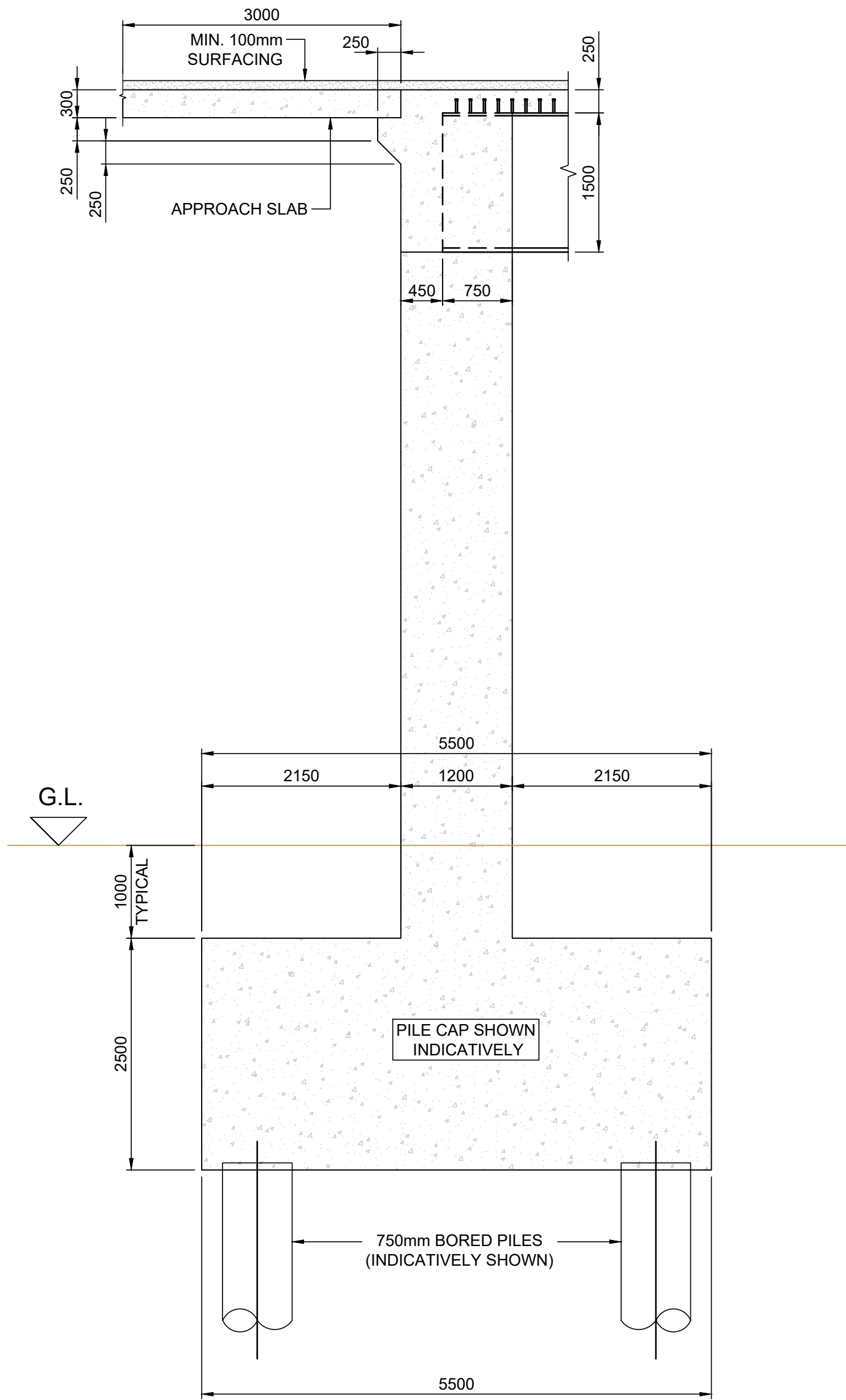


KEYPLAN



DO NOT SCALE FROM DRAWING

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- MATERIALS:
 - CONCRETE FOR BLINDING - GRADE ST3
 - CONCRETE SUPERSTRUCTURE - GRADE C45/55
 - CONCRETE SUBSTRUCTURE - GRADE C40/50
- STRUCTURAL STEEL SHALL BE GRADE S355J2W + N OR S355K2W + N WEATHERING STEEL TO BS EN 10025-5: 2004.
- CONCRETE MIXES IN ACCORDANCE WITH APPENDIX 17/1 OF THE MCHW SPECIFICATION UNLESS NOTED OTHERWISE.
- ALL STEEL REINFORCEMENT SHALL BE HIGH YIELD TYPE B500B OR B500C RIBBED BARS TO BS4449:2005 COMPLYING WITH THE REQUIREMENT OF THE MCHW SPECIFICATION.
- ALL EXPOSED CONCRETE ARISES TO HAVE 25x25 CHAMFER.
- FINISHES:
 - BURIED UNFORMED SURFACES. - U1
 - EXPOSED UNFORMED SURFACES (EXCLUDING AREAS TO RECEIVE WATERPROOFING) . -U3
 - BURIED OR HIDDEN FORMED SURFACES. -F1
 - EXPOSED FORMED SURFACES. -F4
 - PARAPET UPSTAND. -U3/F3
 - AREA OF DECK TO BE WATERPROOFED. -U4
- WATERPROOFING:
 - ALL BURIED CONCRETE SURFACES SHALL BE TREATED WITH TWO COATS OF TAR MODIFIED EPOXY RESIN WATERPROOFING PAINT. NOT TO BE APPLIED TO AREAS WHICH ARE TREATED WITH SPRAY APPLIED WATERPROOFING.
 - BRIDGE DECK WATERPROOFING SHALL BE TWO COAT SPRAY-APPLIED SYSTEM IN ACCORDANCE WITH THE MCHW SPECIFICATION & BD47 OF THE DMRB.
- ALL CONSTRUCTION JOINT SURFACES SHALL BE PREPARED IN ACCORDANCE WITH MCHW SPECIFICATIONS FOR HIGHWAY WORKS.
- ALL EXPOSED CONCRETE SHALL BE IMPREGNATED WITH HYDROPHOBIC LINER IN ACCORDANCE WITH THE MCHW SPECIFICATION.
- ALL CONSTRUCTION JOINTS TO BE WIRE BRUSHED THOROUGHLY BEFORE CONCRETING.

NOTE!!
ALL DIMENSIONS ARE
PRELIMINARY FOR
ESTIMATION PURPOSES ONLY
AND SUBJECT TO CHANGE
DURING DETAILED DESIGN.

P01	FIRST ISSUE	SDP	JRR	TKS	27.05.25
Rev	Amendment Details	Dr'n	Chk'	App'	Date

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Client	ARTELIA
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Project	M4 CROSSING
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Title	PRELIMINARY CONCEPT DESIGN FOR ESTIMATION ONLY
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Project Number	Sheet Size	Drawing Scale
-	A1	AS SHOWN

Drawing Number	SKETCH-M4CROSSING-001	
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Drawn By	Status	Revision
SDP	S3	P01

Checked By	Approved By	Date
JRR	TKS	27/05/25