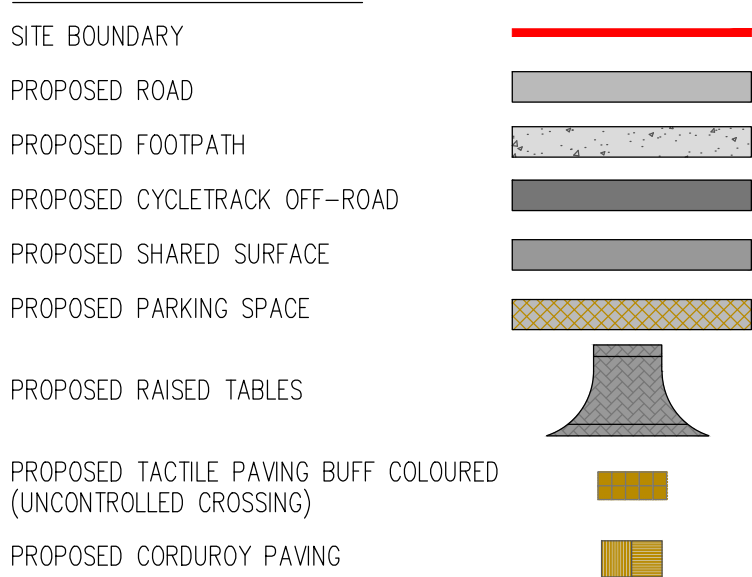


ROADS LEGEND:

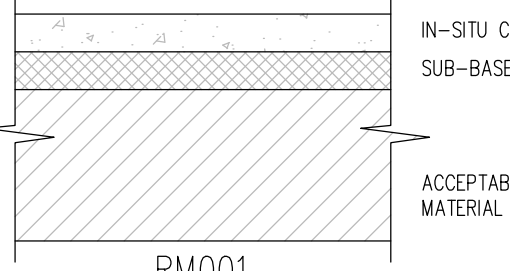


CYCLETRACK OFF-ROAD.

SURFACE COURSE – 25mm SMA 6 SURF PWB 65/100-60 DES
BINDER COURSE – 50mm AC20 DENSE BN 70/100 DES
SUB-BASE – 150mm UOM A OR 175mm UOM B
CLAUDE 808 GRANULAR MATERIAL.

RESIDENTIAL : SPINE ROAD-HEAVILY TRAFFICKED

SURFACE COURSE – 40mm MIN THICKNESS OF SMA SURF (S EN 13108-5) OR HRA (S EN 13108-4).
TO OR 14mm CHP SIZE TO T1 SPECIFICATION FOR ROADWORKS.
BINDER COURSE – 60mm THICKNESS OF AC 20 DENSE BN (S EN 13108-1) 20mm CHP SIZE TO T1 SPECIFICATION FOR ROADWORKS.
BINDER COURSE – 80mm MINIMUM COMPACTED THICKNESS OF AC 12 DENSE BASE (S EN 13108-1) CHP SIZE 32mm TO T1
SPECIFICATION FOR ROADWORKS.
MINIMUM SPACING THICKNESS 10mm.
SUB-BASE – 150mm MINIMUM THICKNESS REFER TO T1 PUBLICATION – SERIES 808 (including Clauses 801-804).
CAPPING – MATERIAL REFER TO T1 PUBLICATION – DN-PAV-0321 (i.e. Class R2/R1, water tables, etc)
COMPACTED THICKNESS: REFER TO T1 PUBLICATION – DN-PAV-0321 (i.e. CBR, plate compaction, water tables, etc) FOR ROAD WORKS



FOOTWAY DETAILS:-IN SITU CONCRETE FOOTWAY

WORK ELEMENT:-IN-SITU CONCRETE
USE:-PEDESTRIAN USE ONLY
DESCRIPTION:-100mm THICK C30 CONCRETE (TO CL 1108 SPECIFICATIONS
DIMENSIONS:-TO SUT LOCATION
LAYS:-IN ONE LAYER
BEDDING:-N/A
SUB-BASE:-100mm CL808 TO T1 SPECIFICATIONS FOR ROADWORKS (SNW)
OTHER LAYERS:-ACCEPTABLE MATERIAL THAT MEETS THE REQUIREMENTS OF TABLE 1 IN
VOLUME 1 OF THE SNW
JOINTS:-MAX SPACING OF 3m (SHOULD BE ARRANGED TO COINCIDE WITH JOINTS IN THE
KERB)
STANDARDS:
• CURING OF FOOTPATH:-CLAUSE 1027 SNW
• CEMENT-NORMAL PORTLAND CEMENT IS EN 191-1
• AGGREGATES FOR CONCRETE:-15.5
• GRANULAR MATERIAL TYPE B: CLAUSE 808 SNW
• MIX DESIGNATION:-C/31.5
• OVERALL FINISH:-C/31.5
• OVERSIDE CATEGORY:-O680
• FINISH:-FLOAT WITH A TROWEL AND WHEEL STILL 'GREEN' LIGHTLY BRUSHED TO PRODUCE
SLIGHT BUMPINESS.
• SUSTAINABLE CEMENT (CCBS) IS AN ACCEPTABLE ALTERNATIVE TO OPC WITH WRITTEN
APPROVAL OF ROAD MAINTENANCE.
• MATERIAL TO CLAUSE 808 SHALL COMPLY WITH MINIMUM CBR REQUIREMENT AS PER
SNW (VOLUME 1).

TABLE 1

FLEXIBLE PAVEMENT

THE MINIMUM REQUIRED THICKNESS OF NON-FROST SUSCEPTIBLE CAPPING MATERIAL IS SHOWN HEREUNDER:

CBR SUBGRADE %	BELOW 2	2 - 5	5 - 15	15+
THICKNESS OF CAPPING(mm)	DESIGN	300	150	CAPPING

CBR TESTS SHALL BE CARRIED OUT AT A RATE OF ONE TEST PER 100 METERS OF ROAD.

ALL ROADS DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS AND WITH REFERENCE TO THE DESIGN MANUAL FOR URBAN ROADS AND STREETS

NOTES:

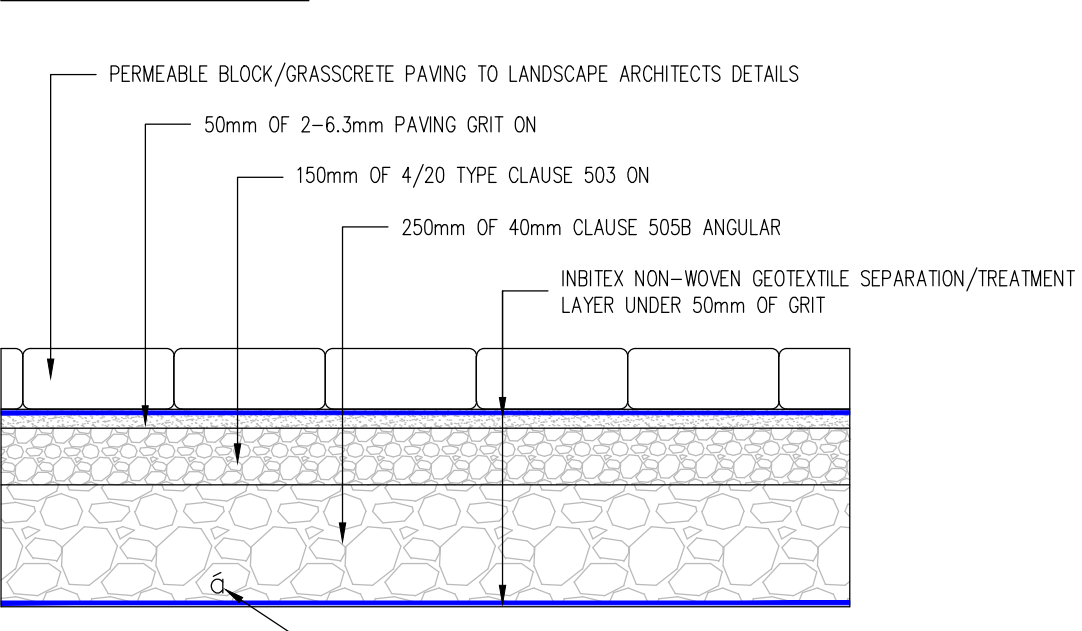
1. FOR AREAS WHERE CBR VALUE IS BELOW 2%, CARRY OUT THE FOLLOWING:

THE SOFT AREA IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A GENERAL FILL MATERIAL (CLASS 1A/PS) TO T1 SPECIFICATION TO THE UNDERSIDE OF A SECOND LAYER (ENHANCED TO 40 OR SIMILAR 40N/m²) SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.
AN ENGINEER SHOULD INSPECT THE SOFT AREA WHEN IT HAS BEEN FULLY EXCAVATED OUT PRIOR TO THE FILL. (STABILISED MATERIAL BEEN PLACED/WORKED).

2. FOR AREAS WHERE CBR VALUES ARE BETWEEN 2% AND 5%, CARRY OUT THE FOLLOWING:

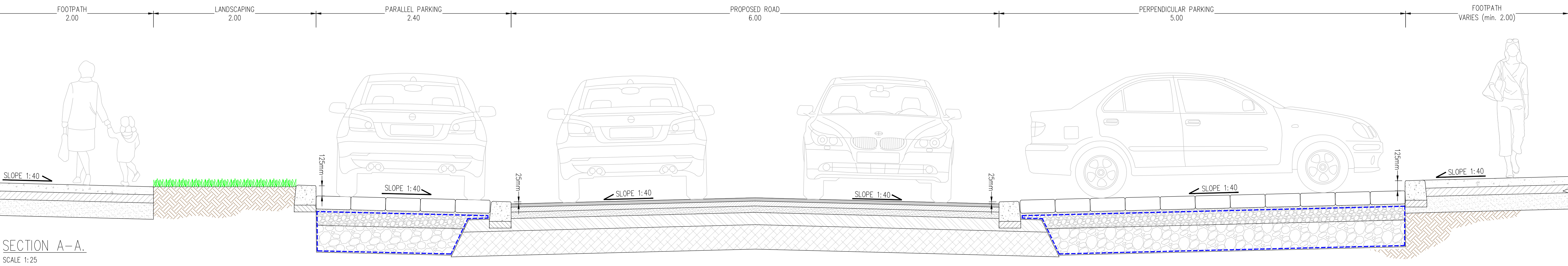
THE SOFT IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A CAPPING MATERIAL TYPE 6/7/PS TO T1 SPECIFICATIONS. REPAIRS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.

PERMEABLE PAVING.



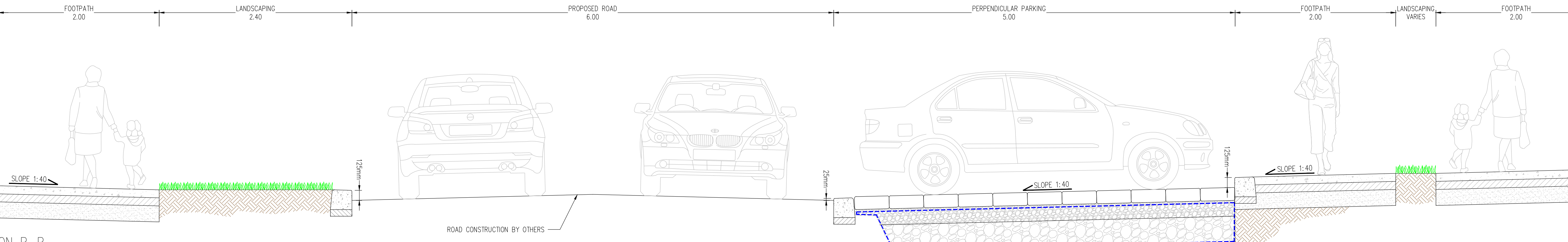
CROSS SECTIONS LOCATIONS.

SCALE 1:1000



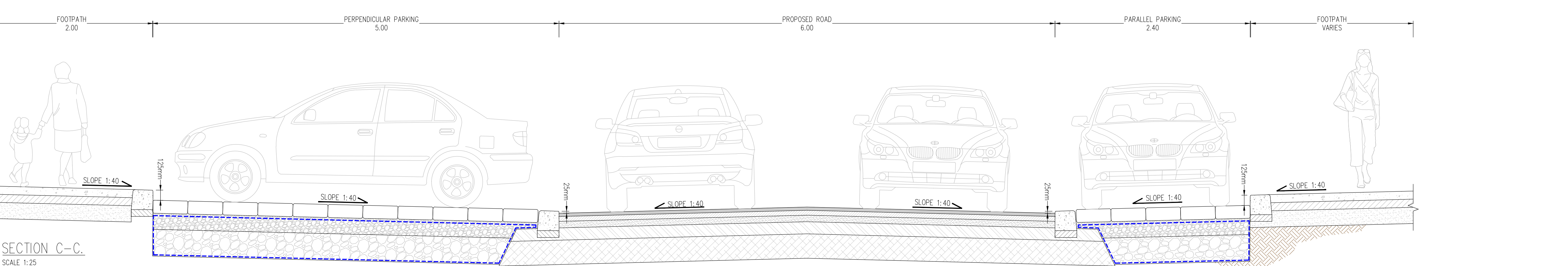
SECTION A-A.

SCALE 1:25



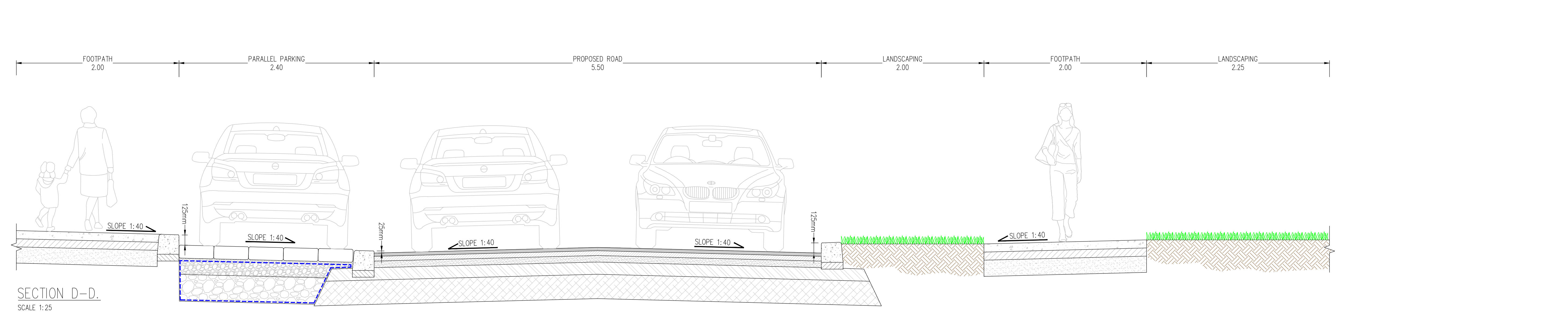
SECTION B-B.

SCALE 1:25



SECTION C-C.

SCALE 1:25



SECTION D-D.

SCALE 1:25

PLANNING DRAWING.

NOT FOR CONSTRUCTION.

ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.

THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

NOTES

- For setting out refer to Architect's drawings.
- This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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Rev. No.

Date

REVISION NOTE

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