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4. ALL LEVELS ARE IN METRES UNO & TO OS DATUM.
5. ALL ASPHALT MIXTURES TO CONFORM TO BS EN 13108.
6. LIMESTONE COARSE AGGREGATE SHALL NOT BE USED FOR ASPHALT SURFACE COURSES.

Legend

- T1 CONCRETE SERVICE YARD 112MSA.**
130mm THICK C28/35 AIR ENTRAINED CONCRETE WITH 1 LAYER OF A393 MESH IN BOTTOM TO BS4483 ON 1 LAYER OF 1200 GAUGE VISQUEEN. PROVIDE STIFF BRUSH FINISH WITH TROWELLED MARGINS.
150mm THICK SUB-BASE DTT TYPE 1.
- T2 CONCRETE SERVICE YARD 12MSA.**
210mm THICK C28/35 AIR ENTRAINED CONCRETE WITH 1 LAYER OF A252 MESH IN BOTTOM TO BS4483 ON 1 LAYER OF 1200 GAUGE VISQUEEN. PROVIDE STIFF BRUSH FINISH WITH TROWELLED MARGINS.
150mm THICK SUB-BASE DTT TYPE 1.
- T3 CONCRETE SERVICE YARD SMSA.**
190mm THICK C28/35 AIR ENTRAINED CONCRETE WITH 1 LAYER OF A252 MESH IN BOTTOM TO BS4483 ON 1 LAYER OF 1200 GAUGE VISQUEEN. PROVIDE STIFF BRUSH FINISH WITH TROWELLED MARGINS.
150mm THICK SUB-BASE DTT TYPE 1.
- BLOCK PAVED CAR PARK AISLES.**
80mm CONCRETE BLOCK PAVIOR (COLOUR/ MANUFACTURE TO ARCHITECTS SPECIFICATION).
40mm CAT III SAND LAYING COURSE (BS 7533)
200mm THICK SUB-BASE DTT TYPE 1.
- PERMEABLE TARMAC CAR PARK BAYS.**
40mm THICK PA 10 OPEN SURF 70/100.
60mm THICK AC 20 OPEN BIN 160/120.
PERMEABLE GEOTEXTILE.
600mm DTT TYPE 3 OR TYPE 1X TANKED USING 1mm THICK IMPERMEABLE MEMBRANE.
- TARMAC ACCESS ROAD.**
50mm THICK SMA 10 SURF 40/60.
100mm THICK AC 32 DENSE BINDER 100/150.
230mm THICK AC 32 DENSE BASE 100/150.
300mm THICK SUB-BASE DTT TYPE 1.
- TARMAC FOOTWAY.**
20mm THICK AC 6 DENSE SURF 100/150
60mm THICK AC 20 DENSE BASE 100/150
150mm THICK SUB-BASE DTT TYPE 1.
- CONCRETE PAVING SLAB FOOTWAY.**
50mm CONCRETE PAVING SLAB (COLOUR/ MANUFACTURE TO ARCHITECTS SPECIFICATION).
30mm CAT III SAND LAYING COURSE (BS 7533)
150mm THICK SUB-BASE DTT TYPE 1.

ALL PAVEMENT CONSTRUCTIONS ABOVE ARE BASED ON AN ASSUMED CBR VALUE OF 15-18. CONTRACTOR TO ALLOW FOR CBR TESTS. IF RESULTS ARE DETERMINED TO BE LESS, PAVEMENT CONSTRUCTION WILL BE ADJUSTED TO SUIT.

OR VALUES LABEL	< 2.5	2.5	3	4	5	8	10	15
SUBGRADE								
CBR 15								
SUB-BASE								
CAPPING								
LAYER								
REQD	250	325	275	225	200	175	150	

Additional Notes

CBR TESTING OF SUB-GRADES
THE CONTRACTOR SHALL ALLOW FOR TAKING TESTS TO CHECK CBR VALUE OF SUB-GRADE AT FORMATION LEVEL AND TESTS TO CHECK CBR VALUE ON TOP OF THE STONE FILL IN ACCORDANCE WITH BS1377-4 OR BS1377-9. SUBMIT RESULTS AND OBTAIN INSTRUCTIONS BEFORE PROCEEDING.

SOFT SPOTS
REDUCED FORMATION LEVEL TO BE PROOF ROLLED TO IDENTIFY ANY LOCAL SOFT SPOTS. SOFT SPOTS TO BE EXCAVATED AND BACKFILLED WITH 6F2 CAPPING LAYER MATERIAL.

PROOF ROLLING
DUE TO THE VARYING NATURE OF THE UNDERLYING MADE GROUND THE CONTRACTOR SHALL ALLOW FOR PROOF ROLLING THE REDUCED LEVEL FORMATION TO IDENTIFY ANY SOFT SPOTS. SOFT SPOTS SHALL BE EXCAVATED AND BACKFILLED WITH WELL COMPACTED CAPPING LATER MATERIAL. CBR TESTING SHALL BE CARRIED OUT AFTER PROOF ROLLING.

KERB FACE HEIGHTS
ALL HALF BATTERED KERB WITHIN ACCESS ROAD AND SERVICE YARD AREAS TO HAVE A KERB FACE HEIGHT OF 125mm.
ALL HALF BATTERED KERB WITHIN CAR PARKING AREAS TO HAVE A KERB FACE HEIGHT OF 100mm.

CLEAN COVER
THE CONTRACTOR SHALL REFER TO THE ENVIRONMENTAL REPORT FOR MINIMUM DEPTHS OF CLEAN COVER.

Kerb Legend

- 125x25mm HALF BATTERED KERB.
- 125x25mm HALF BATTERED DROP KERB.
- 125x150mm FLUSH BULLNOSE KERBS.
- 50x150 EDGING KERB.
- CONTAINMENT KERB TO HGV ENTRANCE WITH TRANSITION KERBS TO HB2.
- ACO KERB DRAIN.

NOTE:
MANHOLE COVERS INSTALLED IN SOFT LANDSCAPE LOCATIONS ARE TO HAVE A 500mm CONCRETE SURROUND WITH A BRUSHED FINISH AND TROWELLED PERIMETER MARGIN UNLESS INFRONT OF OFFICE AREAS.

- BOUNDARY LINE BETWEEN DIFFERENT SLAB THICKNESSES.
- MANHOLE COVER LOCATION AND ORIENTATION. ALL MANHOLE COVER FRAMES TO HAVE ADDITIONAL REINFORCEMENT BARS TO CORNERS AS PER THE STANDARD DETAIL DRAWING.
- LOCATIONS INDICATIVE ONLY AND SUBJECT TO RELOCATION.

PS	31.07.2025	CCF	Updated to latest site plan	CCF	PJB
P4	22.07.2025	CCF	Slab thickness update to MSA	CCF	PJB
P3	11.07.2025	CCF	Minor Updates	CCF	PJB
P2	09.07.2025	CCF	Minor Updates	CCF	PJB
P1WP	02.07.2025	CCF	Preliminary Issue	JH	PJB
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PRELIMINARY



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Client:

Barberry Bardon Ltd

Project Title:
PROJECT EXCELLENCE.

Drawing Title:
**PROPOSED EXTERNAL WORKS LAYOUT.
SHEET 1.**

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