

## Notes

1. THIS DRAWING IS THE COPYRIGHT OF TIER CONSULT LTD AND CANNOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN CONSENT FROM THE COMPANY.

2. THIS DRAWING IS TO BE READ IN CONjunction WITH ALL RELEVANT ARCHITECTURAL DRAWINGS AND SPECIALISTS DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.

3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED. CONSTRUCTION DRAWINGS MUST NOT BE SCALED AND ONLY WRITTEN DIMENSIONS USED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES TO BE NOTED AND DRAWN TO THE IMMEDIATE ATTENTION OF THE ENGINEER IN WRITING.

4. ALL LEVELS ARE IN METRES UNLESS & TO OS DATUM.

5. ALL ASPHALT MIXTURES TO CONFORM TO BS EN 13108.

6. ALL SURFACE CONCRETE SHALL NOT BE USED FOR ASPHALT SURFACE COURSES.

## Legend

	T1 CONCRETE SERVICE YARD L1/MSA. 330mm THICK BASED ON 100/150 CONCRETE WITH 1 LAYER OF A393 MESH IN BOTTOM TO 85483 ON 1 LAYER OF 1200 GAUGE VISQUEEN. PROVIDE STIFF BRUSH FINISH WITH TROWELLED MARGINS.
	T2 CONCRETE SERVICE YARD L2/MSA. 210mm THICK C28/35 AIR ENTRAINED CONCRETE WITH 1 LAYER OF A252 MESH IN BOTTOM TO 85483 ON 1 LAYER OF 1200 GAUGE VISQUEEN. PROVIDE STIFF BRUSH FINISH WITH TROWELLED MARGINS.
	T3 CONCRETE SERVICE YARD MSA. 190mm THICK BASED ON 100/150 CONCRETE WITH 1 LAYER OF A393 MESH IN BOTTOM TO 85483 ON 1 LAYER OF 1200 GAUGE VISQUEEN. PROVIDE STIFF BRUSH FINISH WITH TROWELLED MARGINS.
	150mm THICK SUB-BASE DIT TYPE 1.
	BLOCK PAVED CAR PARK ASLES. 80mm CONCRETE BLOCK PAVIOR (COLOUR/ MANUFACTURER: TO ARCHITECTS SPECIFICATION: TO ARCHITECTS 40mm CAT II SAND LAYING COURSE (BS 7533) 200mm THICK SUB-BASE DIT TYPE 1
	PERMEABLE TARMAC CAR PARK BAYS. 40mm THICK PA 10 OPEN SURF 70/100. 40mm THICK PA 10 OPEN SURF 160/120. PERMEABLE GEOTEXTILE. 60mm DIT TYPE 3 OR 4 TANKED 1mm THICK IMPERMEABLE MEMBRANE.
	100mm THICK AC 32 DENSE BINDER 100/150. 230mm THICK AC 32 DENSE BASE 100/150. 300mm THICK SUB-BASE DIT TYPE 1.
	TARMAC ACCESS ROAD. 20mm THICK AC 32 DENSE SURF 100/150. 40mm THICK AC 32 DENSE BASE 100/150. 150mm THICK SUB-BASE DIT TYPE 1.
	CONCRETE PAVING SLAB FOOTWAY. 50mm CONCRETE PAVING SLAB (COLOUR/ MANUFACTURER: TO ARCHITECTS SPECIFICATION: TO ARCHITECTS 30mm CAT II SAND LAYING COURSE (BS 7533) 150mm THICK SUB-BASE DIT TYPE 1.

ALL PAVEMENT CONSTRUCTIONS ABOVE ARE BASED ON AN ASSUMED CRR VALUE OF 15+5. CONTRACTOR TO ALLOW FOR CRR TESTS. IF RESULTS ARE DETERMINED TO BE LESS, PAVEMENT CONSTRUCTION WILL BE ADJUSTED TO SUIT.

CBR VALUES TABLE						
CBR %	< 2.5	2.5	3	4	5	10
SUB BASE LAYER RECD	350	325	275	225	200	175

## Additional Notes

CBR TESTING OF SUB-GRADES.  
THE CONTRACTOR SHALL ALLOW FOR TAKING TESTS TO CHECK CBR VALUE OF SUB-GRADE AT THE SECTION LEVEL AND TESTS TO VERIFY CBR VALUE OF THE SUB-GRADE IN ACCORDANCE WITH BS13774 OR BS13779. SUBMIT RESULTS AND OBTAIN INSTRUCTIONS BEFORE PROCEEDING.

SOFT SPOTS.  
PROVIDE A PRODUCTION LEVEL TO BE PROOF ROLLED TO IDENTIFY ANY LOCAL SOFT SPOTS. SOFT SPOTS TO BE EXCAVATED AND BACKFILLED WITH 6FZ CAPPING LAYER MATERIAL.

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 LAYER MATERIAL. CBR TESTING SHALL BE CARRIED OUT AFTER PROOF ROLLING.

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

CLEARANCES.  
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.
	125x150mm FLUSH BULLNOSE KERBS.
	50x150 EDGING KERB.
	CONTAINMENT KERB TO HGV ENTRANCE WITH TRANSITION KERB TO H2B.
	ACO KERB DRAIN.

NOTE:  
MANHOLE COVERS INSTALLED IN SOFT LANDSCAPE LOCATIONS ARE TO HAVE A 50mm CONCRETE SURROUND WITH A BRUSHED FINISH AND TROWELLED PERIMETER UNLESS IN FRONT OF OFFICE AREAS.

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

P5	31.07.2025	CCF	Updated to latest site plan	CCF	PJB
P4	22.07.2025	CCF	Site survey update to MSA	CCF	PJB
P3	01.07.2025	CCF	Minor Updates	CCF	PJB
P2	09.07.2025	CCF	Minor Updates	CCF	PJB
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Rev	Date	By	Description	EN	App

## PRELIMINARY

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Project Title:

PROJECT EXCELLENCE.

Drawing Title:  
PROPOSED EXTERNAL WORKS LAYOUT.  
SHEET 2.

Drawing Scale:  
1:500 or A0

Drawn By:  
C.C.FITTON

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