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PLEASE NOTE:
OVERALL BACKGROUND MAP INFORMATION PROVIDED BY ORDNANCE SURVEY DIGITAL DATA.
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Additional Notes

CBR TESTING OF SUB-GRADES
THE CONTRACTOR SHALL ALLOW FOR TAKING 4 No. TESTS TO CHECK CBR VALUE OF SUB-GRADE AT FORMATION LEVEL AND 30 No. 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 SOTS 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.

Kerb Legend

- 125x255mm HALF BATTERED KERB.
- 125x255mm HALF BATTERED DROP KERB.
- 125x150mm FLUSH BULLNOSE KERBS.
- 50x150 EDGING KERB.

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 OTHER RELEVANT ARCHITECT'S, ENGINEER'S AND SPECIALIST'S DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNO, FOR THE PURPOSES OF CONSTRUCTION THIS DRAWING 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 BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER IN WRITING.
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

BLOCK PAVING CARPARK BAYS.
PERMEABLE BLOCK PAVING CONSTRUCTION.
80mm PERMEABLE BLOCK PAVING.
50mm CLEAN STONE (2-6mm)
PERMEABLE GEOTEXTILE
100mm AC20 DENSE BASE 100/150 WITH 75mm PUNCHED HOLES SPACED OUT AT 750mm CENTRES. HOLES TO BE FILLED WITH 4/20mm CLEAN STONE.
350mm THICK SUB-BASE DfT TYPE 1x ON 1 LAYER OF TENSAR TX160 AT FORMATION LEVEL.

TARMAC ACCESS ROAD.
40mm THICK SMA 10 SURF 40/60.
100mm THICK AC 32 DENSE BINDER 100/150.
150mm THICK AC 32 DENSE BASE 100/150.
350mm THICK SUB-BASE DfT TYPE 1 ON 1 LAYER OF TENSAR TX160 AT FORMATION LEVEL.

TARMAC FOOTWAY.
20mm THICK AC 6 DENSE SURF 100/150
60mm THICK AC 20 DENSE BASE 100/150
300mm THICK SUB-BASE DfT TYPE 1 ON 1 LAYER OF TENSAR GEOGRID TX160.

PAVING FOOTWAY.
40mm CONCRETE BLOCK PAVIOR (COLOUR/ MANUFACTURER: TO ARCHITECT'S SPECIFICATION).
40mm CAT III SAND LAYING COURSE (BS 7533)
350mm THICK SUB-BASE DfT TYPE 1 ON 1 LAYER OF TENSAR TX160 AT FORMATION LEVEL.

ALL PAVEMENT CONSTRUCTIONS ABOVE ARE BASED ON AN ASSUMED CBR VALUE OF 2.5%. CONTRACTOR TO ALLOW FOR CBR TESTS. IF RESULTS ARE DETERMINED TO BE LESS THAN 8%, PAVEMENT CONSTRUCTION WILL BE ADJUSTED TO SUIT.

CBR VALUES TABLE

SUBGRADE CBR %	< 2.5	2.5	3	4	5	8	10	15+
SUB-BASE LAYER	CAPPING REQ'D	350	325	275	225	200	175	150

Final Construction Issue

THIS DRAWING REPRESENTS THE AS-BUILT CONSTRUCTION OF THE INFRASTRUCTURE SOLUTIONS PROPOSED BY 'TIER CONSULT GROUP'. TO THE BEST OF 'TIER CONSULT GROUPS' KNOWLEDGE IT INCORPORATES ANY MODIFICATIONS CARRIED OUT DURING THE CONSTRUCTION PERIOD. HOWEVER, MODIFICATIONS MADE BY THIRD PARTIES MAY NOT BE INCLUDED.

ANY PERSON CARRYING OUT ANY WORKS BELOW GROUND MUST SATISFY THEMSELVES OF THE POSITION OF UNDERGROUND SERVICES AND DRAINAGE. TIER CONSULT WILL NOT BE LIABLE FOR OCCURRENCES ARISING OUT OF FAILURE TO CHECK ON SITE.

Rev	Date	By	Description	Chk	App
F1	04.04.2024	CCF	Final construction issue	CCF	PJB

Status
ASBUILT

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Title
EXTERNAL WORKS LAYOUT.

Scale: 1:150@A1
Drawn: C.C.FITTON
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