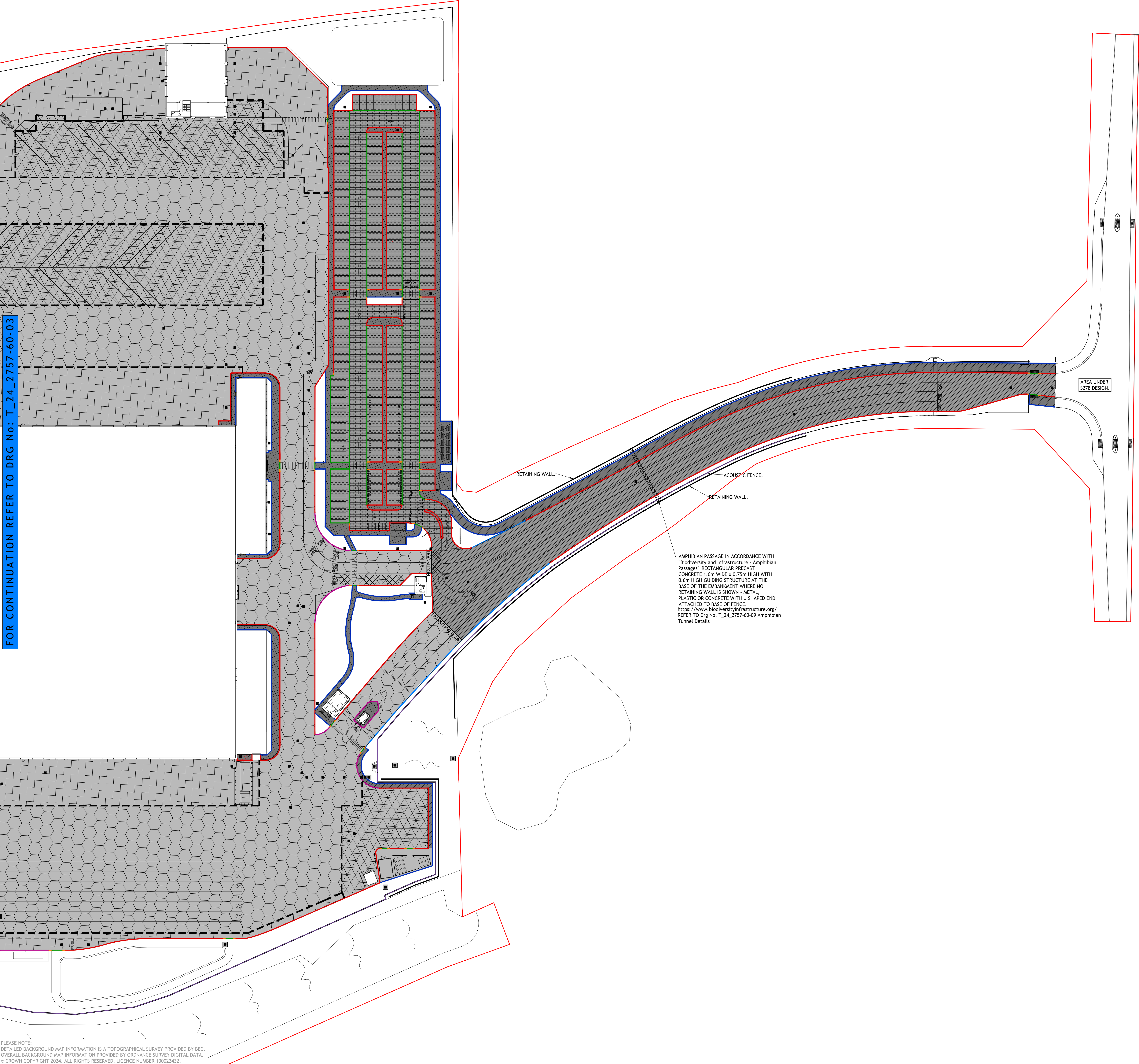


FOR CONTINUATION REFER TO DRG No: T_24_2757-60-03

PLEASE NOTE:
DETAILED BACKGROUND MAP INFORMATION IS A TOPOGRAPHICAL SURVEY PROVIDED BY REC.
OVERALL BACKGROUND MAP INFORMATION PROVIDED BY ORDNANCE SURVEY DIGITAL DATA.
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AMPHIBIAN PASSAGE IN ACCORDANCE WITH
'Biodiversity and Infrastructure - Amphibian
Passages' - RECTANGULAR PRECAST
CONCRETE 1.0m WIDE x 0.75m HIGH WITH
0.6m HIGH GUIDING STRUCTURE AT THE
BASE OF THE EMBANKMENT WHERE NO
RETAINING WALL IS SHOWN - METAL,
PLASTIC OR CONCRETE WITH U SHAPED END
ATTACHED TO BASE OF FENCE.
<https://www.biodiversityinfrastructure.org/>
REFER TO DRG No. T_24_2757-60-09 Amphibian
Tunnel Details

Notes

- THIS DRAWING IS THE COPYRIGHT OF TIER CONSULT LTD AND CANNOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN CONSENT FROM THE COMPANY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS', ENGINEERS' AND SPECIALISTS' DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.
- 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.
- ALL LEVELS ARE IN METRES UNO & TO OS DATUM.
- ALL ASPHALT MIXTURES TO CONFORM TO BS EN 13108.
- 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 123MSA.**
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/ MANUFACTURED 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/ MANUFACTURED 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-%. 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								
SUB-BASE								
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

- 125x255mm HALF BATTERED KERB.
- 125x255mm 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.

P5	31.07.2025	CCP	Updated to latest site plan	CCP	PJB
P4	22.07.2025	CCP	Slab thickness update to MSA	CCP	PJB
P3	11.07.2025	CCP	Minor Updates	CCP	PJB
P2	09.07.2025	CCP	Minor Updates	CCP	PJB
P1WIP	02.07.2025	CCP	Preliminary Issue	JH	PJB
Rev	Date	By	Description	Chk	App

PRELIMINARY



TIER CONSULT GROUP.
Unit 5 Office Village,
Sandpiper Court,
Chester Business Park,
Chester,
CH4 9QZ
T: 01244 684 900

Client:

Barberry Bardon Ltd

Project Title:
PROJECT EXCELLENCE.

Drawing Title:
**PROPOSED EXTERNAL WORKS LAYOUT.
SHEET 2.**

Drawing Scale: Drawn By: Drawing Start Date:
1:500 @ A0 C.C.FITTON 25.01.2024

TIER Project Number:
T_24_2757

Drawing No: Revision:
T_24_2757-65-04 P5