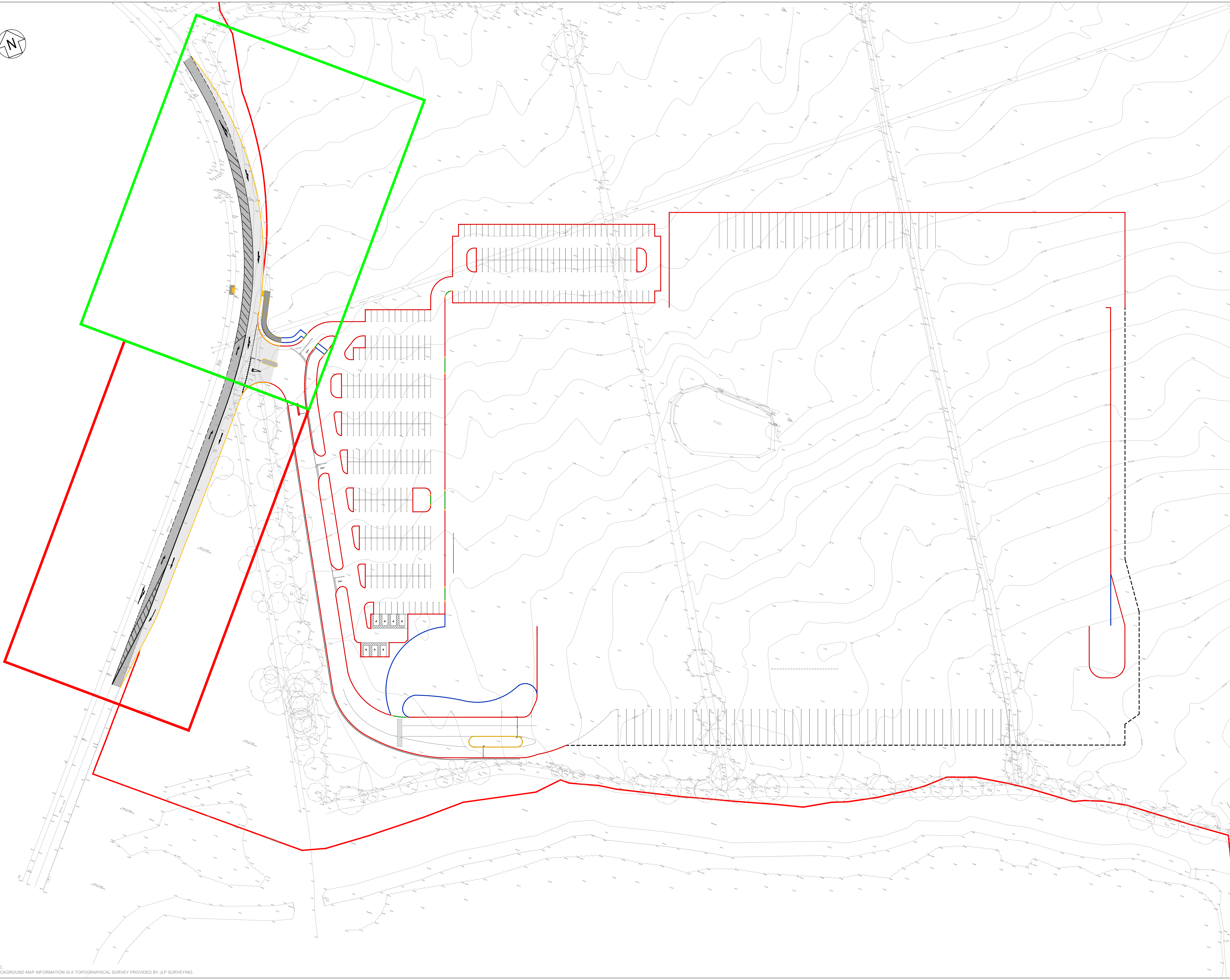
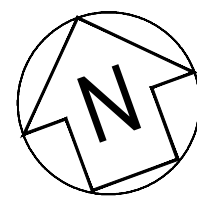




Notes

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 ARCHITECTS, ENGINEER'S AND SPECIALISTS 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.

Additional Notes

CBR TESTING OF SUB-GRADES
THE CONTRACTOR SHALL ALLOW FOR TAKING A NUMBER OF CBR TESTS AT FORMATION LEVEL AND CBR TESTS ON TOP OF 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 #F2 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.

Legend

- PROPOSED KERB
- TACTILE PAVINGS (BUFF)
70mm CONCRETE TACTILE PAVING
40mm CAT III SAND LAYING COURSE (BS 7533)
SUB-BASE AS PER ADJACENT FOOTWAY
- PROPOSED CARRIAGEWAY CONSTRUCTION
45mm HRA 30/14 F SURF 40/60 WITH
20mm PRE-COATED CHIPPINGS 65 PSV
60mm AC 20 DENSE BIN 40/60 REC IN
ACCORDANCE WITH BS EN 13108-1
150mm AC32 DENSE BASE 40/60 REC IN
ACCORDANCE WITH BS EN 13108-1
320mm THICK SUB-BASE DOT TYPE 1
- PROPOSED FOOTWAY CONSTRUCTION
20mm AC 6 DENSE SURF 16/220 RECYCLED
MATERIAL IN ACCORDANCE WITH BS EN
13108-1
60mm AC 20 DENSE BIN 16/220 RECYCLED
MATERIAL IN ACCORDANCE WITH BS EN
13108-1
150mm SUB-BASE DOT TYPE 1
- PROPOSED CARRIAGEWAY RESURFACING
45mm HRA 30/14 F SURF 40/60 WITH
20mm PRE-COATED CHIPPINGS 65 PSV

ALL PAVEMENT CONSTRUCTIONS ABOVE ARE BASED ON AN ASSUMED CBR VALUE OF 8%. 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	<2.5	2.5	3	4	5	8	10	15+	
CBR% SUB-BASE (CAPPING LAYER) - RECD.	350	325	275	225	200	175	150		

PT	08.07.2021	LAD	ISSUED FOR PLANNING	JH	PUB
Rev.	Date	By	Description	CHK	App.

Status
PLANNING



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Client



Project
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Title
PROPOSED HIGHWAY WORKS
GENERAL ARRANGEMENT KEY

Scale	Drawn	Revision
1:500@A0	L.A. DRAKE	P1
Date	Checked	
08.07.2021	J.HALE	

Drawing No:
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