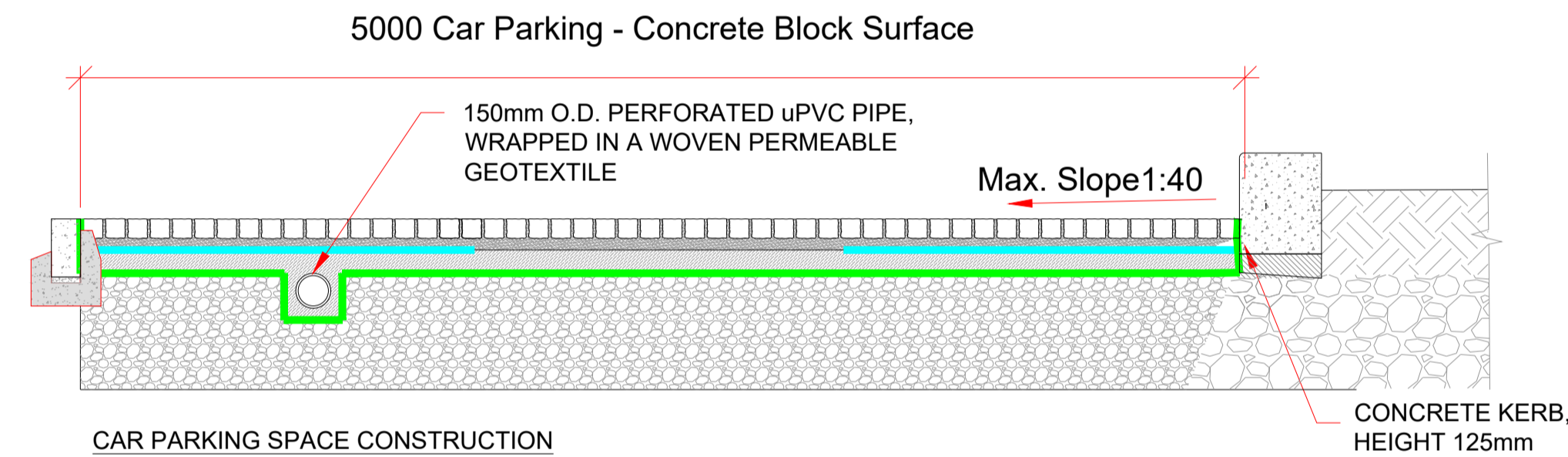
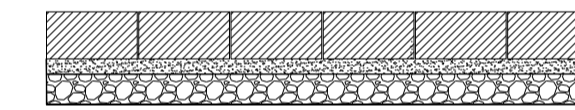


- ROAD CONSTRUCTION**
- 40mm SURFACE COURSE: HRA 30/14 SURF, GRADE 40/60 TO CLAUSE 942 WITH RED CHIPPING ON,
 - 60mm BINDER COURSE: DENSE ASPHALT CONCRETE AC20, GRADE 40/60. ON
 - 80mm BASE COURSE: 32mm DBM ROADBASE
 - 200mm BASE COURSE: HARDCORE TO CLAUSE 804. ON
 - 400mm CAPPING LAYER: TYPE 6F2. ON (SUBGRADE CBR TO BE TESTED AND CONFIRMED ON SITE BY CONTRACTOR)
 - GEOTEXTILE LAYER
 - SUITABLE SUB-GRADE OR FILL MATERIAL



- CAR PARKING SPACE CONSTRUCTION**
- PERMEABLE PAVING BLOCKS MANUFACTURED IN ACCORDANCE WITH IS EN 1338 TO ARCHITECT'S DETAILS (GAPS BETWEEN PERMEABLE PAVING BLOCKS TO BE FILLED WITH LAYING COURSE/Joint MATERIAL) ON
 - LAYING COURSE: MIN. 50mm OF 2mm-6.3mm AGGREGATE (TYPE 2/6.3 80/20 IN ACCORDANCE WITH IS EN 13242) ON
 - GEOTEXTILE LAYER IN ACCORDANCE WITH CLAUSE 609 OF TII CC-SPW-00600. JOINTS SHALL OVERLAP BY AT LEAST 300mm. THE MEMBRANE SHALL BE ON-WOVEN TYPE AND HAVE A MINIMUM TENSILE STRENGTH OF 20kN/m WHEN TESTED IN ACCORDANCE WITH IS EN ISO 10319 AND A STATIC PUNCTURE STRENGTH OF AT LEAST 2.0kN WHEN TESTED IN ACCORDANCE WITH IS EN ISO 12236. THE GEOTEXTILE SHALL BE LAID UNDER ALL HARDCORED AREAS, STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS ON
 - 100mm SUB-BASE LAYER: COURSE GRADED AGGREGATE 4/20 IN ACCORDANCE WITH IS EN 13242 ON
 - IMPERMEABLE GEOMEMBRANE IN ACCORDANCE WITH IS EN 13361. THE GEOMEMBRANE SHALL HAVE A MINIMUM TENSILE STRENGTH OF 20kN/m AND A PUNCTURE RESISTANCE OF 350N ON
 - MIN. 400mm CAPPING LAYER: TYPE 6F2. (SUBGRADE CBR TESTED ON SITE >2% IN CAR PARK TO NORTH OF SITE, TO BE CONFIRMED BY CONTRACTOR. CBR TESTS EVERY 25m REQUIRED)



VEHICULAR BLOCK PAVING BUILD UP

Scale 1:25

- BLOCK PAVERS TO ARCHITECTS SPECIFICATION ON,
- 30mm 3:1 SEMI-DRY SAND:CEMENT,
- 150mm CEMENT BOUND GRANULAR MATERIAL A TO TII SPW CLAUSE 821,
- 100mm TII SPW CLAUSE 808,
- IMPERMEABLE GEOMEMBRANE IN ACCORDANCE WITH IS EN 13361. THE GEOMEMBRANE SHALL HAVE A MINIMUM TENSILE STRENGTH OF 20kN/m AND A PUNCTURE RESISTANCE OF 350N ON
- MIN. 400mm CAPPING LAYER: TYPE 6F2. (SUBGRADE CBR TESTED ON SITE >2% IN CAR PARK TO NORTH OF SITE, TO BE CONFIRMED BY CONTRACTOR. CBR TESTS EVERY 25m REQUIRED)
- JOINTS TO BE 2-5mm WIDE AND FILLED WITH MORTAR IN ACCORDANCE WITH SECTION 5.4.5.2 OF BS 7533-4:2006.

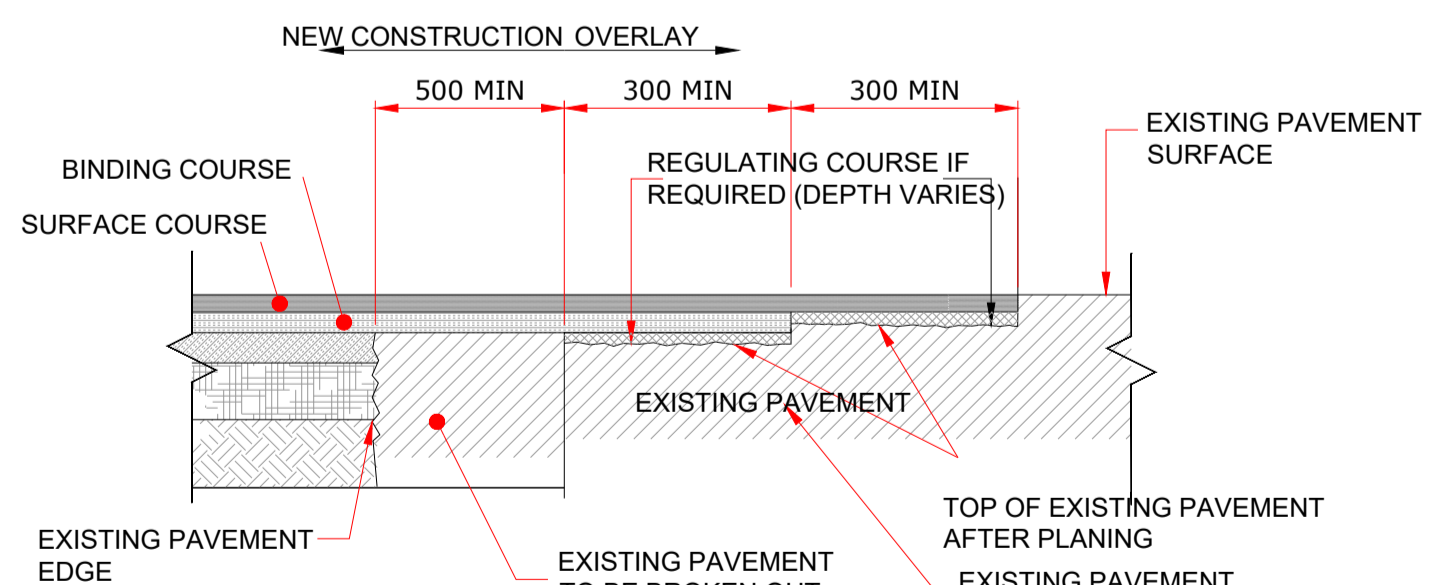
- NOTES GENERAL:**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
 3. ENGINEER TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT DRAWINGS AND SPECIFICATIONS.
 5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Rev	Date	Description	By	Chkd.
P01	15/05/2023	ISSUED FOR PLANNING	PF	MC

Client: 

Project: **Ardclough Road
Celbridge**

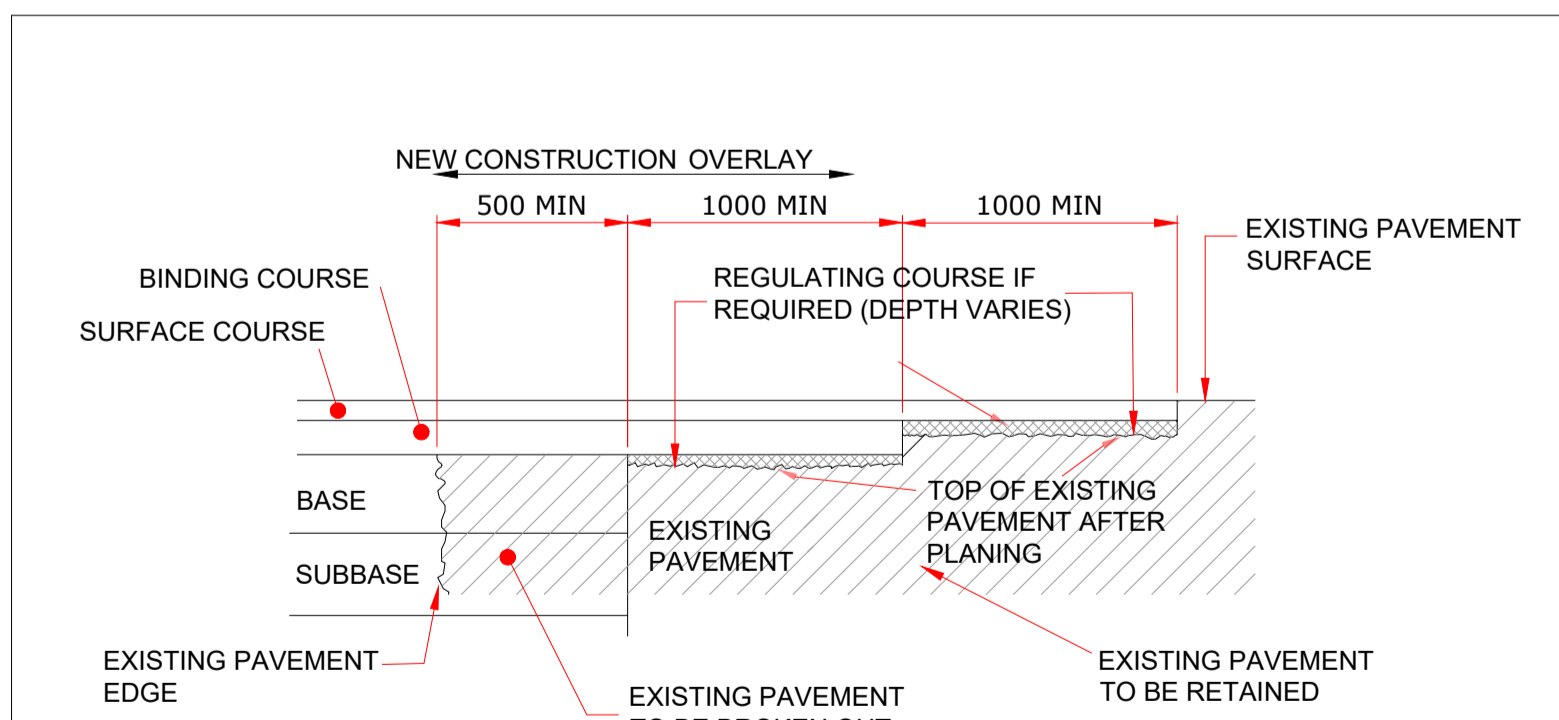
Title: **ROADS & HARDSTANDING
DETAILS
SHEET 2 OF 2**



- NOTES:**
1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920.
 2. WHERE THE ROADBASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROADBASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 300mm MIN. WITH THE BASECOURSE AND WEARING COURSE TO BE EACH STEPPED IN A FURTHER 300mm MIN. RESPECTIVELY.

LONGITUDINAL JOINT BETWEEN NEW CONSTRUCTION & EXISTING ROAD

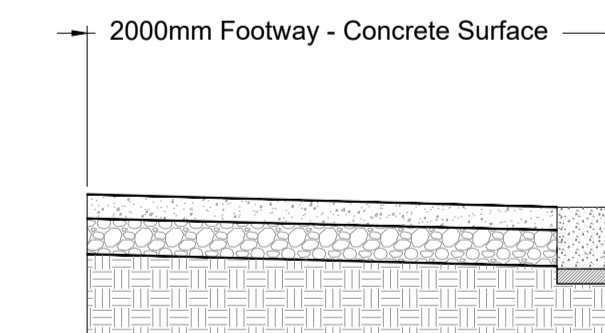
SCALE 1:25



- NOTES:**
1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 903.
 2. WHERE THE ROADBASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROADBASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 1000mm MIN. WITH THE BASECOURSE AND WEARING COURSE TO BE EACH STEPPED IN A FURTHER 1000mm MIN. RESPECTIVELY.

TRAVERSE JOINT BETWEEN NEW CONSTRUCTION & EXISTING ROAD

SCALE 1:25



- FOOTWAY CONSTRUCTION**
- 100mm CONCRETE (INCREASING TO 150mm FOR VEHICULAR ACCESS ON,
 - 150mm HARDCORE TO CLAUSE 804 ON,
 - SUITABLE SUB-GRADE OR FILL MATERIAL,
 - 1:40 CROSS FALL TOWARDS ROAD.
 - BRUSH FINISH

Scale @ A1: **AS SHOWN**

Prepared by:	Checked:	Date:
P. FANNING	M. CASEY	MAY 2023
Project Director:	Brian Carroll	
Drawing Status:	PLANNING	

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Drawing No: **11162-2061** P01