

ROAD CONSTRUCTION

- 40mm SURFACE COURSE: SMA 10 SURF PMB 65/105-60 DES, GRADE 40/60 TO CLAUSE 942 ON,
- 60mm BINDER COURSE: DENSE ASPHALT CONCRETE AC20, GRADE 40/60. ON
- 200mm BASE COURSE: HARDCORE TO CLAUSE 804. ON
- 300mm CAPPING LAYER: TYPE 6F2. ON (SUBGRADE CBR TO BE TESTED AND CONFIRMED ON SITE BY CONTRACTOR) MINIMUM 10No. CBR TESTS REQUIRED.
- GEOTEXTILE LAYER. A GEOTEXTILE MEMBRANE SHALL BE LAID OVER THE FORMATION. JOINTS SHALL OVERLAP BY AT LEAST 300mm. THE MEMBRANE SHALL BE NON-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.

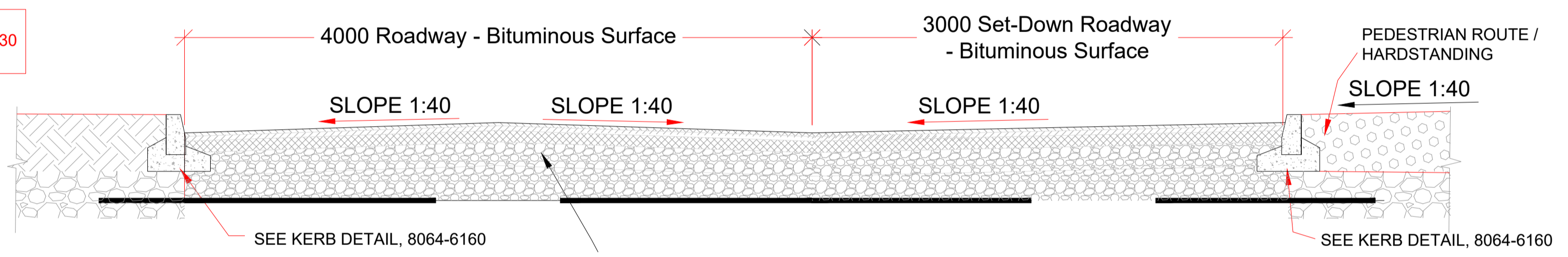
CAR PARKING SPACE CONSTRUCTION

- PERMEABLE PAVING BLOCKS MANUFACTURED IN ACCORDANCE WITH BSEN 1338:2003 TO ARCHITECTS DETAILS. GAPS BETWEEN PERMEABLE PAVING BLOCKS TO BE FILLED WITH LAYING COURSE/Joint MATERIAL.
- LAYING COURSE - MIN. 50mm OF 2mm TO 6.3mm AGGREGATE (TYPE 2/6.3) ACCORDING TO BSEN 13242:2002)
- GEOTEXTILE LAYER. A GEOTEXTILE MEMBRANE SHALL BE LAID OVER THE FORMATION. JOINTS SHALL OVERLAP BY AT LEAST 300mm. THE MEMBRANE SHALL BE NON-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.
- 100mm COURSE GRADED AGGREGATE 4/20 SUB-BASE.
- GEOTEXTILE LAYER (SAME SPEC AS ABOVE)
- COURSE GRADED AGGREGATE - 100mm OF 4mm TO 20mm AGGREGATE WITH MIN. 30% VOIDS RATIO, LAID IN 100-150mm LAYERS.

TYPICAL CAR PARK SECTION 1-1

SCALE 1:25

NOTE:
SEE ROAD LAYOUT DRAWING 8064-6130 FOR LOCATION OF CROSS SECTIONS



ROAD CONSTRUCTION

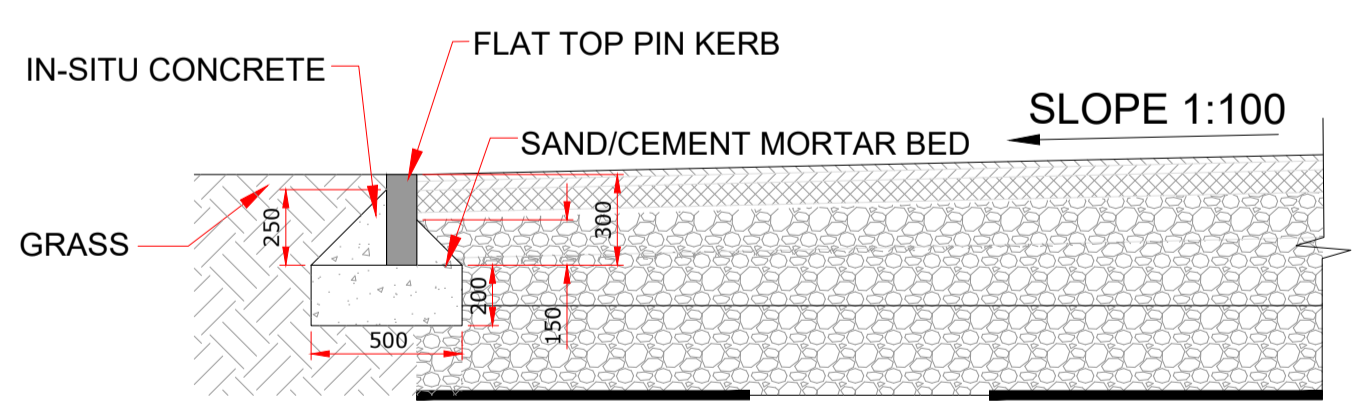
- 40mm SURFACE COURSE: SMA 10 SURF PMB 65/105-60 DES, GRADE 40/60 TO CLAUSE 942 ON,
- 60mm BINDER COURSE: DENSE ASPHALT CONCRETE AC20, GRADE 40/60. ON
- 200mm BASE COURSE: HARDCORE TO CLAUSE 804. ON
- 300mm CAPPING LAYER: TYPE 6F2. ON (SUBGRADE CBR TO BE TESTED AND CONFIRMED ON SITE BY CONTRACTOR)
- GEOTEXTILE LAYER. A GEOTEXTILE MEMBRANE SHALL BE LAID OVER THE FORMATION. JOINTS SHALL OVERLAP BY AT LEAST 300mm. THE MEMBRANE SHALL BE NON-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.

NOTES:

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES
5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

TYPICAL ROAD SECTION 2-2

SCALE 1:25

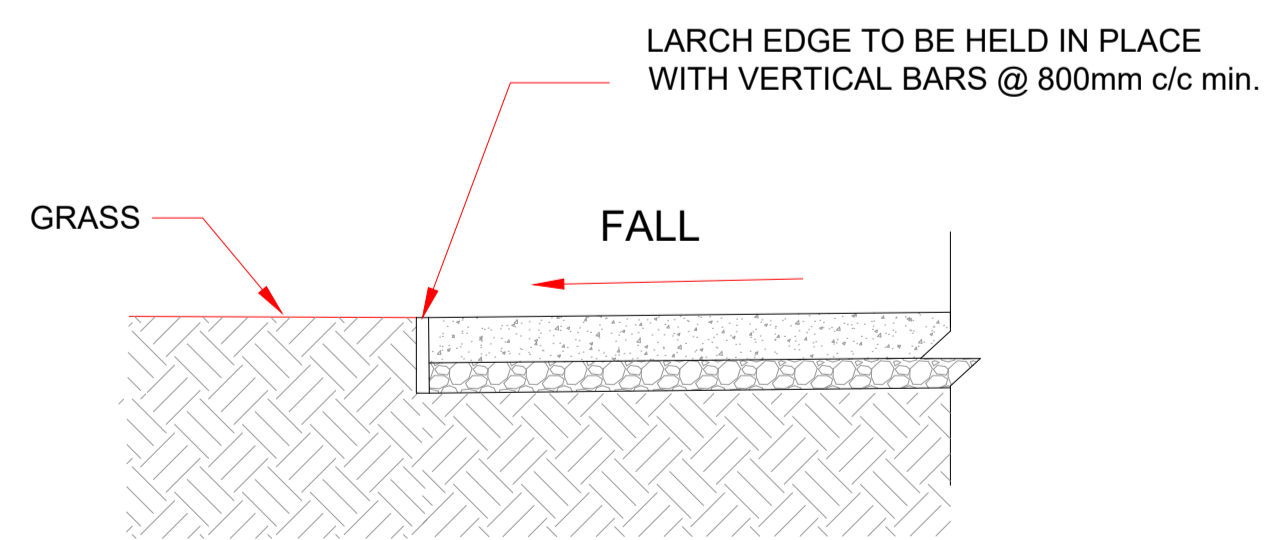


BALL COURT CONSTRUCTION

- 40mm SURFACE COURSE: SMA 10 SURF PD 6691 ANNEX D., GRADE PMB ON,
- 60mm BINDER COURSE: AC 20 dense bin PD 6691 ANNEX B, GRADE 40 / 60 ON,
- 100mm BASE COURSE: AC 32 base PD 6691 Annex B, GRADE 40 / 60 ON,
- 300mm SUB-BASE LAYER: TYPE 2 UNBOUND MIXTURE, TO CLAUSE 804 ON MIN.
- 300mm CAPPING LAYER: TYPE 6F2. (SUBGRADE CBR TESTED ON SITE AND CONFIRMED BY CONTRACTOR)
- GEOTEXTILE LAYER. A GEOTEXTILE MEMBRANE SHALL BE LAID OVER THE FORMATION. JOINTS SHALL OVERLAP BY AT LEAST 300mm. THE MEMBRANE SHALL BE NON-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.

TYPICAL BALL COURT/GRASS VERGE EDGE DETAIL

SCALE 1:25



HARDSTANDING CONSTRUCTION

- 100mm IN-SITU CONCRETE
- 100mm SUB-BASE LAYER: TYPE B, TO CLAUSE 804

TYPICAL HARDSTANDING/GRASS VERGE EDGE DETAIL

SCALE 1:25

Rev	Date	Description	By	Chkd.
P01	22/03/2023	ISSUED FOR PLANNING	PF	KH

Client:

Project: **DoES ADAPT LOT 6.1 & 6.2 CLONDALKIN**

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

Scale @ A1: **AS SHOWN**

Prepared by: P. FANNING | Checked: K. HIGGINS | Date: JAN' 2023

Project Director: BRIAN CARROLL

Drawing Status: PLANNING

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Drawing No.: **8064-2161** | Revision: **P01**