

TYPICAL CROSS SECTION OF POROUS ASPHALT SURFACE

SCALE 1:20

PLEASE NOTE THAT THIS DETAIL IS BASED ON A MINIMUM CBR OF 2%. ALL FURTHER SOFT SPOTS AT FORMATION LEVEL ARE TO BE REMOVED AND REPLACED WITH CAPPING MATERIAL IN LAYERS NO MORE THAN 225mm.

80mm POROUS ASPHALT.
20mm THICK 10/20mm SINGLE SIZE STONE LAYER.
200mm 'CELLWEB' TREE ROOT PROTECTION SYSTEM FILED WITH 20/40mm SINGLE SIZE STONE MATERIAL.

FIBRETEX F4M GEOTEXTILE SEPARATION FABRIC.
20/40mm SINGLE SIZE STONE LAYER (DEPTH VARIES).

EXISTING GROUND (NOT TO BE COMPACTED).

80mm PERMEABLE PAVING.

- 50mm BEDDING & JOINTING

AGGREGATE TO BS EN 13242:2002.

- 20/40mm SINGLE SIZE STONE LAYER (DEPTH VARIES).

FIBRETEX F4M GEOTEXTILE SEPARATION FABRIC.

EXISTING GROUND (NOT TO BE COMPACTED).

TYPICAL CROSS SECTION OF TREE ROOT PROTECTION ZONE SCALE 1:20

PLEASE NOTE THAT THIS DETAIL IS BASED ON A MINIMUM —

TYPICAL CROSS SECTION OF PAVING

SCALE 1:20

CBR OF 2%. ALL FURTHER SOFT SPOTS AT FORMATION

CAPPING MATERIAL IN LAYERS NO MORE THAN 225mm.

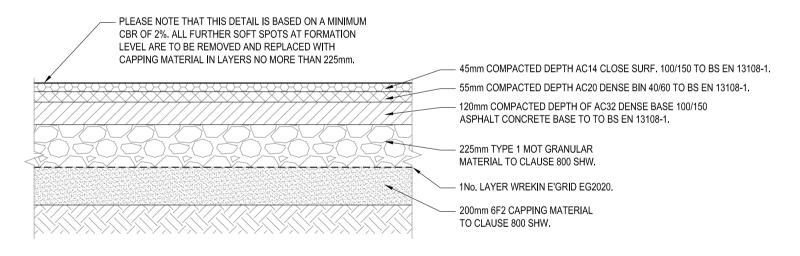
LEVEL ARE TO BE REMOVED AND REPLACED WITH

PRECAST CONCRETE -

KERB ON HAUNCHING IN

GRADE ST2 CONCRETE.

Min. 150mm TOPSOIL.



TYPICAL CROSS SECTION OF ASPHALT SURFACE SCALE 1:20

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- ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS NOTED
 OTHERWISE.
- 2. STRUCTURAL DESIGN & REINFORCEMENT DETAIL TO BE PROVIDED BY THE DEVELOPER AND SUBMITTED TO IRISH WATER FOR REVIEW.
- 3. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
- 4. PRECAST KERBS TO BE IN ACCORDANCE WITH IS EN 1340:2003.
- 5. ALL LEVELS ARE IN METERS AND RELATE TO THE ORDNANCE SURVEY
- 6. VERIFY EXISTING LEVELS PRIOR TO COMMENCEMENT OF WORKS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- 7. THE LOCATION OF EXISTING SERVICES IN INDICATIVE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE, PRECISE LOCATION AND DEPTH OF ANY SERVICE OR ADDITIONAL SERVICES NOT SHOWN WITHIN THE SITE.
- 8. EXISTING TREES ARE TO BE PROTECTED FROM SITE TRAFFIC AND HEAVY MACHINERY. GROUND IN ROOT PROTECTION ZONES OF EXISTING TREES IS NOT TO BE COMPACTED BY SITE TRAFFIC.
- 9. ALL ITEMS OUTLINED ON THIS DRAWING TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND BILL OF QUANTITIES.

PAVEMENT:

- TRANSVERSE JOINTS BETWEEN NEW & EXISTING PAVEMENTS TO BE CONSTRUCTED IN ACCORDANCE WITH NRA RCD/700/3. LONGITUDINAL JOINTS BETWEEN NEW & EXISTING PAVEMENTS TO BE CONSTRUCTED IN ACCORDANCE WITH NRA RCD/700/4.
- THE REQUIREMENTS FOR EACH PAVEMENT TYPE TO BE IN ACCORDANCE WITH THE SPECIFICATION AND AS DESCRIBED HERELINDER.
- 3. ASSUMED CBR OF EXISTING GROUND >3%. CONTRACTOR TO CHECK GROUND CONDITIONS BEFORE COMMENCING WORKS.
- 4. GROUND UNDER THE PROPOSED CELLWEB SYSTEM IS NOT TO BE COMPACTED, TO ALLOW WATER PERCOLATION.
- 5. CELLWEB SYSTEM TO BE INSTALLED TO MANUFACTURER SPECIFICATION AND METHODOLOGY. MANUFACTURER REPRESENTATIVE

IS TO SUPERVISE THE INSTALLATION PROCESS.

- 6. CELLWEB TO BE FILLED WITH CLEAN 20/40mm (40% VOIDS MINIMUM) SINGLE SIZED STONE MATERIAL IN ACCORDANCE WITH IS EN 13242 AND TII PUBLICATION DOCUMENT CC-SPW-00500
- 7. PROVIDE FOR A PA 14 SURF PMB 65/105-70 POROUS ASPHALT IN ACCORDANCE WITH CLAUSE 6.0 OF TII PUBLICATION DOCUMENT CO-SPW-00900 "SPECIFICATION FOR ROAD WORKS ROAD PAVEMENT BITUMINOUS MATERIAL".

"SPECIFICATION FOR ROAD WORKS SERIES 500 DRAINAGE".

8. POROUS ASPHALT TO BE TESTED TO ENSURE REQUIRED VOID CONTENT IS ACHIEVED TO ALLOW SURFACE WATER PERCOLATION IN ACCORDANCE WITH CLAUSE 6.0 OF TII PUBLICATION CO-SPW-00900 "SPECIFICATION FOR ROAD WORKS - ROAD PAVEMENT BITUMINOUS MATERIAL".

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ENT

GEDV MONKSTOWN OWNER LIMITED

0.1507

RESIDENTIAL DEVELOPMENT ON LANDS OF DALGUISE HOUSE

DRAWING TITLE

TYPICAL ROAD & PAVING DETAILS

CTATUS

FOR INFORMATION

Date: 16/05/22 Scale: AS SHOWN Drawn: LT Chk: RT App: AG

Project No: Drg. No: W3683—DR—1019