

**NOTES**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

**A BLACK ASPHALT CARRIAGEWAY  
(140mm TOTAL BITUMINOUS THICKNESS)**

40mm min. THICK OF BLACK SMA 14 SURF PMB 65/105-60 TO IS EN 13108-5 & CC-SPW-0900 (MIN PSV = 65, MAX AAV = 16) ON  
100mm min. THICK OF AC20 DENSE BASE 40/60 DES TO IS EN 13108-1 & CC-SPW-0900 ON  
150mm min. THICK OF UNBOUND GRANULAR SUB-BASE UGM B (C1804) TO CC-SPW-00800 ON  
300mm\* THICK OF CLASS 6F1/6F2 CAPPING MATERIAL TO CLAUSE 613 OF CC-SPW-00600 ON  
PERMEABLE NON WOVEN GEOTEXTILE ON SUBGRADE

1:40 TYPICAL

\* NOTE: CAPPING LAYER DEPTHS MAY VARY DEPENDING ON THE SITE INVESTIGATION (SI) RESULTS

**TYPICAL BUILDUP**  
SCALE @ A0: 1:25  
SCALE @ A2: 1:50

**B BUFF ASPHALT CARRIAGEWAY  
(140mm TOTAL BITUMINOUS THICKNESS)**

40mm MIN. THICK OF HRA 30/14F SURF DES 40/60 (14 mm AGGREGATE, 30% CONTENT) WITH 20mm BUFF COLOURED GRANITE CHIPPINGS IN A CLEAR COAT (SPREAD EVENLY AT A RATE OF 5kg/m2) ON  
100mm min. THICK OF AC20 DENSE BASE 40/60 DES TO IS EN 13108-1 & CC-SPW-0900 ON  
150mm min. THICK OF UNBOUND GRANULAR SUB-BASE UGM B (C1804) TO CC-SPW-00800 ON  
300mm\* THICK OF CLASS 6F1/6F2 CAPPING MATERIAL TO CLAUSE 613 OF CC-SPW-00600 ON  
PERMEABLE NON WOVEN GEOTEXTILE ON SUBGRADE

1:40 TYPICAL

\* NOTE: CAPPING LAYER DEPTHS MAY VARY DEPENDING ON THE SITE INVESTIGATION (SI) RESULTS

**TYPICAL BUILDUP**  
SCALE @ A0: 1:25  
SCALE @ A2: 1:50

**C IN-SITU CONCRETE FOOTPATH**

100mm THICK C40/50 CONCRETE (EXPOSURE CLASS XF4) TO CC-SPW-01100.  
NOTE: INCREASE THICKNESS TO 150mm AT FOOTWAYS SUBJECT TO VEHICULAR CROSSOVERS BY PRIVATE CARS, AND 200mm AT FOOTWAYS/OVERRUN AREAS SUBJECT VEHICULAR LOADING BY HGVs.  
150mm min. THICK OF UNBOUND GRANULAR SUB-BASE UGM Bc (C1808) TO CC-SPW-00800

1:50 TYPICAL

NOTE: PROVIDE TRANSVERSE JOINTS IN FOOTWAY @ 3m C/C USING A DOUBLE LAYER OF ROOFING FELT TO IS EN 13707 FOR THE FULL DEPTH OF THE JOINT. JOINT LOCATIONS TO CORRESPOND WITH JOINTS IN KERBS.  
ALL CONCRETE FOOTWAYS TO BE FINISHED BY FLOATING WITH A WOODEN TROWEL AND WHILE STILL 'GREEN' LIGHTLY BRUSHED WITH A BASS BROOM TO PRODUCE A SLIGHT ROUGHNESS.  
EDGES TO EACH BAY TO BE FINISHED SMOOTH WITH A BULLNOSE EDGING TROWEL

**TYPICAL BUILDUP**  
SCALE @ A0: 1:25  
SCALE @ A2: 1:50

**D RESIN BOUND GRAVEL FOOTPATH**

18mm MIN. THICK OF RESIN BOUND AGGREGATE (3-5mm SIZE AGGREGATE) TO LANDSCAPE ARCHITECT'S SPECIFICATION ON  
70mm MIN. THICK OF BLACK AC14 OPEN SURF DES 70/100 PEN TO IS EN-13108-1 & CC-SPW-0900 ON  
25mm MIN. THICK OF TYPE 2/6.3 Gc 80/20 ANGULAR GRIT BLINDING BS EN 13242:2007 ON  
175mm min. THICK OF UNBOUND GRANULAR POROUS SUB-BASE (TYPE 4/40 OR TYPE 4/20 TO BS7533-13) ON  
PERMEABLE NON-WOVEN GEOTEXTILE ON SUBGRADE

1:50 TYPICAL

**TYPICAL BUILDUP**  
SCALE @ A0: 1:25  
SCALE @ A2: 1:50

**E PERMEABLE GRAVEL FOOTPATH**

40mm THICK ANGULAR GRAVEL (6-10mm AGGREGATE SIZE) TO LANDSCAPE ARCHITECT'S SPECIFICATION ON  
150mm min. THICK OF WELL-COMPACTED UNBOUND GRANULAR SUB-BASE UGM B (C1804) TO CC-SPW-00800 ON  
PERMEABLE NON WOVEN GEOTEXTILE ON SUBGRADE

1:50 TYPICAL

**TYPICAL BUILDUP**  
SCALE @ A0: 1:25  
SCALE @ A2: 1:50

**F PERMEABLE PAVING TO CAR PARKING**

80mm Dp. CBPP PAVIOURS TO LANDSCAPE ARCHITECT'S SPECIFICATION  
50mm LAYING COURSE AGGREGATE TYPE 2/6.3 Gc 80/20 GRIT TO BS EN 13242:2007  
350mm min. THICK OF COARSE GRADED AGGREGATE (TYPE 4/40 OR TYPE 4/20 TO BS7533-13)  
PERMEABLE NON-WOVEN GEOTEXTILE TO TABLE 14 OF INTERPAVE GUIDANCE 'DESIGN & CONSTRUCTION OF CBPPs' (TERRAM T1000 OR SIMILAR APPROVED)  
150mm\* MIN. THICK OF CLASS 6F1/6F2 CAPPING MATERIAL TO CLAUSE 613 OF CC-SPW-00600

1:50 TYPICAL

\* NOTE: CAPPING LAYER DEPTHS MAY VARY DEPENDING ON THE SITE INVESTIGATION (SI) RESULTS

**TYPICAL BUILDUP**  
SCALE @ A0: 1:10  
SCALE @ A2: 1:20

**G RUBBER MULCH SAFETY SURFACING**

RUBBER MULCH SAFETY SURFACING, THICKNESS TO BE DETERMINED BY SUPPLIER TO ENSURE THAT CRITICAL FALL HEIGHT IS ACHIEVED AND COMPLIANT WITH BS EN 1177 & BS 7188 ON  
50mm MIN. THICK OF BLACK AC14 OPEN SURF DES 70/100 PEN TO IS EN-13108-1 & CC-SPW-0900 ON  
25mm MIN. THICK OF TYPE 2/6.3 Gc 80/20 ANGULAR GRIT BLINDING BS EN 13242:2007 ON  
175mm min. THICK OF UNBOUND GRANULAR POROUS SUB-BASE (TYPE 4/40 OR TYPE 4/20 TO BS7533-13) ON  
PERMEABLE NON-WOVEN GEOTEXTILE ON SUBGRADE

1:50 TYPICAL

**TYPICAL BUILDUP**  
SCALE @ A0: 1:25  
SCALE @ A2: 1:50

**K1 PRECAST CONCRETE HALF BATTER KERBS**

255 x 125 HALF BATTER PRECAST CONCRETE KERB TO IS EN 1340  
IN SITU CONCRETE MIX C20/25  
ROAD SURFACE AS SPECIFIED  
SUB-BASE MATERIAL  
ADDITIONAL C20/25 CONCRETE FOR KERBS AND KERB BLOCKS WHERE REQUIRED

1:20 TYPICAL

**TYPICAL SECTION**  
SCALE @ A0: 1:10  
SCALE @ A2: 1:20

**K2 PRECAST CONCRETE PIN KERBS**

PRECAST CONCRETE PIN KERB 900 x 150 x 50mm TO LAY FLUSH WITH FINISHED SURFACE LEVEL  
IN SITU CONCRETE MIX C20/25  
ROAD SURFACE AS SPECIFIED  
SUB-BASE MATERIAL  
ADDITIONAL C20/25 CONCRETE FOR KERBS AND KERB BLOCKS WHERE REQUIRED

1:20 TYPICAL

**TYPICAL SECTION**  
SCALE @ A0: 1:10  
SCALE @ A2: 1:20

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DRAWING STAGE **PLANNING**

**BM**  
Dublin Office: Sandwith House, 55-54 Lower Sandwith Street, Dublin 2, Ireland. Tel: (01) 677 3200 Fax: (01) 677 3164  
London Office: 5th Floor, Mill House, 8 Mill Street, London SE1 2BA, United Kingdom Tel: (0044) 20 3750 3530  
Consulting Engineers, Civil, Structural, Project Management. E-mail: bmce@bmce.ie Web: www.bmce.ie



CLIENT **CAVAN COUNTY COUNCIL**

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MODEL REFERENCE	MODEL REV / SUITABILITY

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