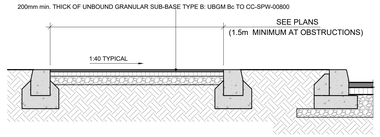
B FOOTPATHS / CYCLE PATHS

B1 ASPHALT / BITUMEN MACADAM

B1.2 RED COLOURED ASPAHLT CYCLE TRACK

25mm min. THICK OF BLACK SMA 6 SURF PM 65/100-60 DES TO IS EN 13108-5 AND TO CC-SPW-00900 ON
50mm min. THICK OF AC20 DENSE BIN 70/100 TO IS EN 13108-1 & CC-SPW-00900 ON
200mm min. THICK OF UNBOUND GRANULAR SUB-BASE TYPE B: UBGM Bc TO CC-SPW-00800



TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

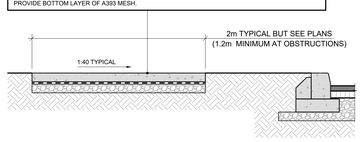
B2 CONCRETE

B2.1 IN-SITU CONCRETE FOOTPATHS

*100mm THICK IN-SITU CONCRETE FOOTPATH (SEE NOTE 5) ON
POLYTHENE SHEETING SEPERATING MEMBRANE 125 MICRONS THICK (300 LAPS) ON
150mm UNBOUND GRANULAR SUB-BASE TYPE B: UBGM BC TO CC-SPW-00800

PROVIDE TRANSVERSE CONTRACTION JOINTS IN FOOTPATH @ 3m Crs. USING A DOUBLE LAYER OF ROOFING FELT TO IS 36 FOR THE FULL DEPTH OF THE JOINT.
*AT VEHICULAR CROSSINGS INCREASE DEPTH OF CONCRETE TO 200mm

PROVIDE BOTTOM LAYER OF A393 MESH.

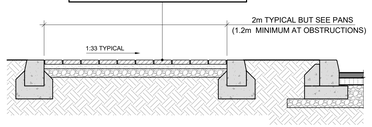


TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

B3 BLOCK PAVED

B3.1 CLAY PAVERS

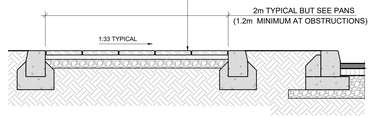
CLAY (50mm THICK) BLOCK PAVERS (SEE NOTE 10 & 12) ON
50mm SAND LAYING COURSE (SEE NOTE 11) ON
100mm SUB-BASE (SEE NOTE 4)
*AT VEHICULAR CROSSINGS AND FIRE TENDER ROUTES PROVIDE 80mm THICK 65mm THICK CLAY PAVERS ON
30mm SAND LAYING COURSE ON
150mm LEAN MIX CONCRETE ROADBASE (SEE NOTE 1)



TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

B3.2 CONCRETE FLAG PAVERS

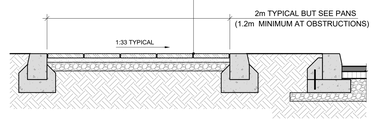
*63mm THICK CONCRETE FLAGS TO BS 7263 ON
25mm 1:3 CEMENT/SAND MORTAR LAYING COURSE ON
100mm SUB-BASE (SEE NOTE 4)
NOMINAL WIDTH 3mm JOINTS GROUTED WITH 1:3 CEMENT/SAND MORTAR AND POINTED
*AT VEHICULAR CROSSINGS PROVIDE 80mm THICK CONCTRETE BLOCK PAVERS ON
30mm SAND LAYING COURSE ON
150mm LEAN MIX CONCRETE ROADBASE (SEE NOTE 1)



TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

B3.3 GRANITE PAVERS

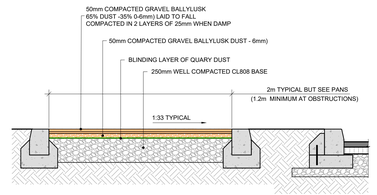
63mm THICK GRANITE FLAGS TO BS EN 1341 ON
25mm 1:3 CEMENT/SAND MORTAR LAYING COURSE ON
*100mm SUB-BASE (SEE NOTE 4)
NOMINAL WIDTH 5/10mm JOINTS GROUTED WITH 1:3 CEMENT/SAND MORTAR AND POINTED
*AT VEHICULAR CROSSINGS PROVIDE 150mm LEAN MIX CONCRETE ROAD BASE (SEE NOTE 1) ON
100mm SUB-BASE (SEE NOTE 4)



TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

B4 COMPACTED GRAVEL

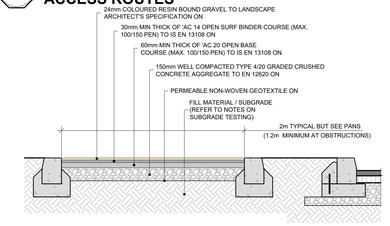
B4.1 COMPACTED GRAVEL



TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

B5 RESIN BOUND GRAVEL (POROUS)

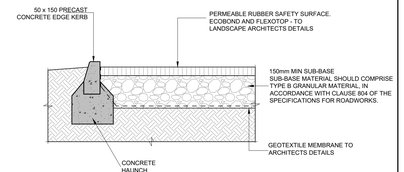
B5.1 POROUS RESIN BOUND GRAVEL TO VEHICULAR ACCESS ROUTES



TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

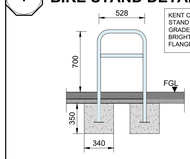
B7 WETPOUR PLAY SURFACE

B7.1 WETPOUR PLAY SURFACE



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

I BIKE STAND DETAILS

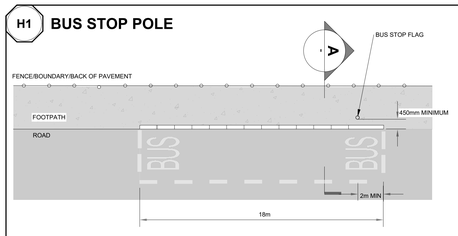


KENT CROSSBAR CYCLE STAND KCC5528; 528mm LONG; GRADE 316L STAINLESS STEEL; BRIGHT SATIN FINISH; BURIED FLANGE

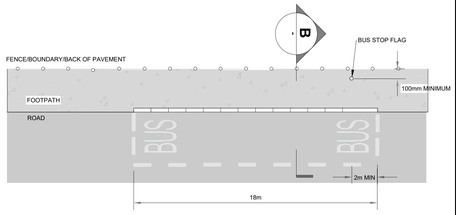
TYPICAL CROSS SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

H BUS STOP DETAILS

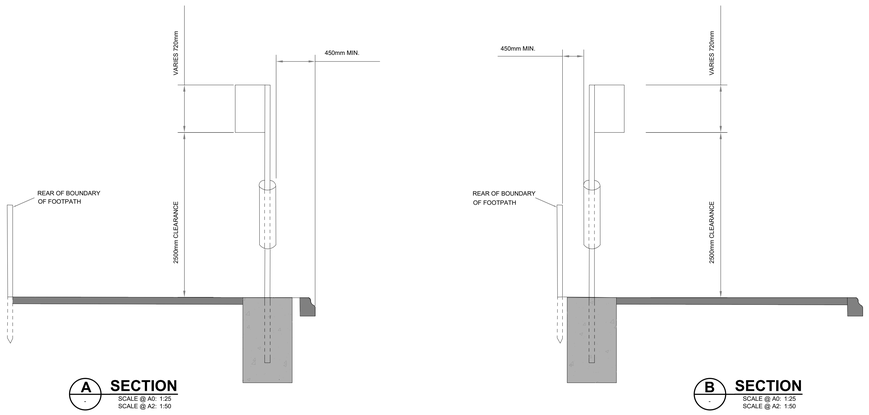
H1 BUS STOP POLE



LAYOUT 1: BUS STOP POLE AT BACK OF KERB
SCALE @ A0: 1:100
SCALE @ A2: 1:200



LAYOUT 2: BUS STOP POLE AT BACK OF FOOTPATH
SCALE @ A0: 1:100
SCALE @ A2: 1:200

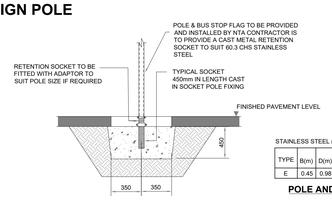


A SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

B SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

BUS STOP - NEW POLE LOCATION TYPICAL DETAIL
SCALE @ A0: 1:1
SCALE @ A2: 1:2

H2 BUS STOP SIGN POLE



CONCRETE GRADE
XC4/XD3/XS1
XF4 TO EN 206.1
MIN. CEMENT = 400Kg/m³
MIN. STRENGTH = C40/50
MAX. W/C = 0.45

STAINLESS STEEL (GRADE1.4401)

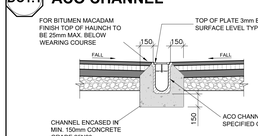
TYPE	B(m)	D(m)	H(m)	FOUNDATION DIMENSION (m)	60.3x3.2
E	0.45	0.98	2.50	0.70 x 0.70 x 0.6 dp	✓

POLE AND FOUNDATION DESIGN

FRONT ELEVATION OF SIGN POLE (TYPE E)
SCALE @ A0: 1:25
SCALE @ A2: 1:50

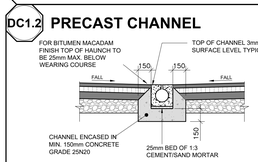
DC DRAINAGE CHANNELS

DC1.1 ACO CHANNEL



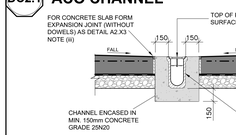
TYPICAL SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC1.2 PRECAST CHANNEL



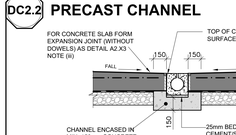
TYPICAL SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC2.1 ACO CHANNEL



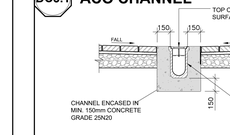
TYPICAL SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC2.2 PRECAST CHANNEL



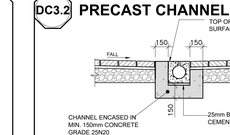
TYPICAL SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC3.1 ACO CHANNEL



TYPICAL SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

DC3.2 PRECAST CHANNEL



TYPICAL SECTION
SCALE @ A0: 1:25
SCALE @ A2: 1:50

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECT'S DRAWINGS.FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK'.
2. CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.
3. LINEAR DRAINAGE CHANNEL SYSTEMS SHALL BE FULLY COMPLIANT WITH IS EN 1433:2002 AND CERTIFIED TO THE LOAD CASES SPECIFIED ON THE DRAWINGS AND AS DEFINED IN IS EN 1433:2002.
4. GRATED LINEAR DRAINAGE CHANNEL SYSTEMS SHALL BE OF 100mm, 150mm OR 200mm NOMINAL INTERNAL WIDTH, AS SPECIFIED ON THE DRAWINGS, MANUFACTURED FROM HIGH STRENGTH POLYMER CONCRETE WITH CAST-IN GALVANISED STEEL EDGE RAILS. THE CHANNELS SHALL BE INSTALLED WITH MANUFACTURERS DUCTILE IRON OR STAINLESS STEEL GRATING APPROPRIATE TO THE SPECIFIED LOAD CLASS AND LOCKED SECURELY IN PLACE. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
5. SLOTTED LINEAR DRAINAGE CHANNEL SYSTEMS SHALL BE CHOSEN ACCORDING TO THE LOAD CLASS REQUIRED AND MANUFACTURED FROM HIGH STRENGTH POLYMER CONCRETE INCORPORATING A 10mm WIDE CENTRALLY POSITIONED SLOT. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

REFER TO DRAWING REFERENCE CE-10000, CIVIL ENGINEERING GENERAL NOTES FOR ROAD / FOOTPATH NOTES FOR ALL NOTE REFERRALS ON THIS DRAWING

ISSUE	DATE	DESCRIPTION	BY
T2	24.01.24	GENERAL UPDATE	AO
T1	12.01.24	GENERAL UPDATE	AO

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BM STAGE: **TENDER**

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CLIENT: **CAIRN HOMES CONSTRUCTION LTD.**

PROJECT TITLE: **MILL ROAD, SAGGART**

BM PROJECT No.: **23.231**

ORIGINATOR REFERENCE: MRD-01-11-SW-ZZZ-M2-BMH-CE-DETAILS | SUITABILITY: - | REVISION: -

DRAWING TITLE: **FOOTPATH & CYCLE PATH DETAILS - SHEET 1**

DRAWING REFERENCE: **MRD-1-95-SW-ZZZ-DR-BM-CE-12110** | STATUS | REVISION: **T2**