

PAVEMENT TYPE P01				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	1104	600x400 Sandstone Flags	63mm	Flags & laying pattern to Landscape Architect details. Slurry primer to underside
BEDDING	-	Steintech TuffBed or Equivalent Approved	30mm	Type 35 Bedding Mortar BS 7533-10 Table 9
JOINTING	-	Steintech Tufftop or Equivalent Approved	-	BS 7533-4 Table 4. 6-10mm Joints
BASE	2602	C32/40 Unreinforced Concrete	125mm	Slurry primer to be applied to concrete base prior to laying bedding layer
SUB BASE	803	Type 1 Granular Material	225mm	BASED ON 3.0% CBR

Manchester City Council (MCC) Standard Detail F3 & F4
Subject to S278 Technical Approval

PAVEMENT TYPE P02				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	1104	300x150 Yorkstone Pavers	80mm	Pavers & laying pattern to Landscape Architect details. Sealer applied to surface
BEDDING	-	Fine Aggregate G ₈₅ 0/4	50mm	BS 7533-3 Table D.2
JOINTING	-	Fine Aggregate G ₈₅ 0/4	-	BS 7533-3 Table D.3. 2-5mm Joints
BASE	1030	ST4 Concrete	300mm	Wet lean concrete
SUB BASE	803	Type 1 Granular Material	75mm	BASED ON 3.0% CBR

Manchester City Council (MCC) Standard Detail C5. Subject to S278 Technical Approval

PAVEMENT TYPE P03				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	-	95x95 Yorkstone Setts	95mm	Setts & laying pattern to Landscape Architect details.
BEDDING	-	Steintech TuffBed or Equivalent Approved	40mm	Type 35 Bedding Mortar BS 7533-10 Table 9
JOINTING	-	Steintech Tufftop or Equivalent Approved	-	Type 40 Jointing Mortar BS 7533-101 Table 12. 8 -12mm Joints
BASE	1030	ST4 Concrete	350mm	Wet lean concrete
SUB BASE	803	Type 1 Granular Material	75mm	BASED ON 3.0% CBR

Manchester City Council (MCC) Standard Detail C4. Subject to S278 Technical Approval

PAVEMENT TYPE P04				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	-	400x400 Granite Pavers	80mm	Blister Hazard Paving. Pavers to Landscape Architect details.
BEDDING	-	Steintech TuffBed or Equivalent Approved	30mm	Type 25 Bedding Mortar BS 7533-101 Table 9
JOINTING	-	Steintech Tufftop or Equivalent Approved	-	BS 7533-4 Table 4. 6-10mm Joints
SUB BASE	803	Type 1 Granular Material	100mm	BASED ON 3.0% CBR

Manchester City Council (MCC) Standard Detail F14
Subject to S278 Technical Approval

PAVEMENT TYPE P05				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	912	AC 10 CLOSE SURF 100/150	30mm	BS EN 13108, PD 6691.
BINDER	906	AC20 DENSE BIN 100/150	60mm	BS EN 13108-1
BASE	906	AC32 DENSE BASE 100/150	100mm	BS EN 13108-1
SUB BASE	803	Type 1 Granular Material	320mm	BASED ON 3.0% CBR

PAVEMENT TYPE P09				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	938	Permeable Resin Bound Gravel	20mm	KBI Flexistone HDST20 To Landscape Architects Details
BINDER	916	AC10 OPEN BIN 100/150	70mm	BS EN 13108-1, PD6691
SUB BASE	803	Type 3 Granular Material	225mm	BASED ON 3.0% CBR
GEOTEXTILE	-	Terram 1000	-	Or Equivalent Approved

PAVEMENT TYPE P11				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	-	150x130 Concrete Pavers	95mm	Pavers & laying pattern to Landscape Architect details.
BEDDING	-	Fine Aggregate Sand Laying Course	30mm	G ₈₅ 0/4 (MP) BS 7533-101 Table 5 & 6
SAND JOINT	-	Fine Aggregate Sand Jointing Material	-	G ₈₅ 0/1 (FP) F4, BS 7533-101 Table 11. 2 - 5mm Joints
DRAIN JOINT	-	Hardscape Drain Joint	-	4mm thick Drain Joint. Colour TBC Installed every other joint across full carriageway width. TBC
BASE	906	AC20 OPEN BIN 100/150	170mm	BS EN 13108-1. 75mm holes to be cored on a 750mm orthogonal grid prior to installation of pavers. Holes to be filled with 10mm single sized gravel
SUB BASE	805	Coarse Graded Granular Material	150mm	4-20 or 4-40 Coarse Graded Aggregate. BASED ON 5.0% CBR
CAPPING	613	6F2 Granular Capping Material	150mm	BASED ON 5.0% CBR

BS 7533-101, Site Category 5
Pedestrian areas subjected to occasional overrun of commercial vehicles.

PAVEMENT TYPE P19				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	-	95x95 Concrete Setts	95mm	Setts & laying pattern to Landscape Architect details.
BEDDING	-	Steintech TuffBed or Equivalent Approved	40mm	Type 25 Bedding Mortar BS 7533-101 Table 9
JOINTING	-	Steintech Tufftop or Equivalent Approved	-	Type 25 Jointing Mortar BS 7533-101 Table 12. 8-12mm Joints
BASE	906	AC20 OPEN BIN 100/150	80mm	BS EN 13108-1
SUB BASE	803	Type 1 Granular Material	150mm	BASED ON 3.0% CBR

BS 7533-101, Site Category 2
Pedestrian and cycle areas, domestic applications.

PAVEMENT TYPE P12				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	1104	600x400 PCC Flags	80mm	Flags & laying pattern to Landscape Architect details.
LAYING COURSE	-	Fine Aggregate Sand Laying Course	30mm	G ₈₅ 0/4 (MP) BS 7533-101, TABLE 5 & 6
JOINTING	-	Fine Aggregate Sand Jointing Material	-	G ₈₅ 0/1 (FP) F4, BS 7533-101 Table 11. 2 - 5mm Joints
BASE	906	AC20 OPEN BIN 100/150	60mm	BS EN 13108-1
SUB BASE	803	Type 1 Granular Material	150mm	BASED ON 3.0% CBR

BS 7533-101, Site Category 4
Pedestrian areas used by light commercial, emergency and maintenance vehicles

PAVEMENT TYPE P20				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	-	300x150 Concrete Pavers	80mm	Pavers & laying pattern to Landscape Architect details.
BEDDING	-	Fine Aggregate Sand Laying Course	30mm	G ₈₅ 0/4 (MP) BS 7533-101, TABLE 5 & 6
JOINTING	-	Fine Aggregate Sand Jointing Material	-	G ₈₅ 0/1 (FP) F4, BS 7533-101 Table 11. 2 - 5mm Joints
SUB BASE	803	Type 1 Granular Material	150mm	BASED ON 3.0% CBR

BS 7533-101, Site Category 2
Pedestrian and cycle areas, domestic applications.

PAVEMENT TYPE P16				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	1104	PCC Flags, Pavers & Setts	80mm	Flags & laying pattern to Landscape Architect details.
LAYING COURSE	-	Fine Aggregate Sand Laying Course	30mm	G ₈₅ 0/4 (MP) BS 7533-101, TABLE 5 & 6
JOINTING	-	Fine Aggregate Sand Jointing Material	-	G ₈₅ 0/1 (FP) F4, BS 7533-101 Table 11. 2 - 5mm Joints
BASE	906	AC20 OPEN BIN 100/150	60mm	BS EN 13108-1
SUB BASE	803	Type 1 Granular Material	150mm	BASED ON 3.0% CBR

BS 7533-101, Site Category 4
Pedestrian areas used by light commercial, emergency and maintenance vehicles

PAVEMENT TYPE P17				
LAYER	SHW CLAUSE	MATERIAL	DEPTH	SPECIAL REQUIREMENTS
SURFACE	-	200x200 Concrete Pavers	80mm	Pavers & laying pattern to Landscape Architect details.
BEDDING	-	Fine Aggregate Sand Laying Course	30mm	G ₈₅ 0/4 (MP) BS 7533-101 Table 5 & 6
SAND JOINT	-	Fine Aggregate Sand Jointing Material	-	G ₈₅ 0/1 (FP) F4, BS 7533-101 Table 11. 2 - 5mm Joints
DRAIN JOINT	-	Hardscape Drain Joint	-	4mm thick Drain Joint. Colour TBC Installed every other joint across full carriageway width. TBC
BASE	906	AC20 OPEN BIN 100/150	170mm	BS EN 13108-1. 75mm holes to be cored on a 750mm orthogonal grid prior to installation of pavers. Holes to be filled with 10mm single sized gravel
SUB BASE	805	Coarse Graded Granular Material	150mm	4-20 or 4-40 Coarse Graded Aggregate. BASED ON 5.0% CBR
CAPPING	613	6F2 Granular Capping Material	150mm	BASED ON 5.0% CBR

BS 7533-101, Site Category 5
Pedestrian areas subjected to occasional overrun of commercial vehicles.

150x255 GRANITE KERB TO LANDSCAPE ARCHITECTS DETAILS. REF E01.

PAVEMENT REF P12

PAVEMENT REF P11

30mm MORTAR TO CLAUSE 2404 OF SHW 20

200mm LONG DOWEL BAR 120 AT 450 C/C

BED AND BACKING MIX ST2 CONCRETE TO BS EN 206

GRANITE UPSTAND KERB DULWICH STREET (TYPE E01)
SCALE - 1:10

150x255 GRANITE KERB TO LANDSCAPE ARCHITECTS DETAILS. REF E02

PAVEMENT REF P17

PAVEMENT REF P12

20mm MORTAR TO CLAUSE 2404 OF SHW 20

DOWEL BAR 120 AT 450 C/C

BED AND BACKING MIX ST2 CONCRETE TO BS EN 206

GRANITE FLUSH KERB DULWICH STREET (TYPE E02)
SCALE - 1:10

400x400x80 GRANITE BLISTER PAVING SLAB TO LANDSCAPE ARCHITECTS DETAILS

30mm TYPE 25 MORTAR BED

100mm TYPE 1 SUB-BASE

25 DIA APPROX.

TACTILE PAVING SCALE - 1:10

MODULE TYPE F 5x5 SPACES - 6 DOMES

400 SQ

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NOTES

- All dimensions are in metres unless stated otherwise.
- This drawing shall be read in conjunction with all other relevant engineering details, drawings and specifications.
- Any discrepancies should be reported to the engineer immediately so that clarification can be sought prior to the commencement of work.
- All work is to be carried out in accordance with the specification for highways works and local authority guidance.
- Underground services may be present in the area. Contractor is to confirm the precise line and depth of any services prior to the commencement of any excavation works

NOTE

All information shown on this drawing to be read in conjunction with the following Landscape Architects Drawings

- RDB-OPN-2B-L00-DR-L-03-0001 P01
- RDB-OPN-2B-L00-DR-L-03-0002 P01
- RDB-OPN-2B-L00-DR-L-19-1001 P03

Pavement and Edging reference numbers relate to those marked on above.

P1	17.12.24	FIRST ISSUE	ARJ	PAW
REV	DATE	DETAILS	DRN	CHK

DRAWING STATUS

PRELIMINARY

RIBA STAGE

STAGE 4

R2Cp
CONSULTING

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DRAWN ARJ	DATE NOV 24	SCALES AS SHOWN
CHECKED PAW	DATE NOV 24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE -DO NOT SCALE--
APPRVD. JAS	DATE NOV 24	EMAIL FOR DRAWINGS info@roconsulting.com

CLIENT

FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE

REDBANK DEVELOPMENT

DRAWING TITLE

EXTERNAL WORKS CONSTRUCTION DETAILS

DRAWING No. RDB/ROC/2B/XX/DR/C/47/0600	REV. P01
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