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HARDWORKS - Note legend is site wide

PAVING TYPE 1 (PT1) : GRANITE SETTS
SUPPLIER: Hardscape or equal & approved
SIZE: W100mm x L150mm - 300mm x D80mm
MATERIAL: Granite
PRODUCT: Kobra Green
FINISH: Flamed texture surface, sawn base and sides
SUBBASE: To engineers specification
DETAIL: 10000

PAVING TYPE 2 (PT2): GRANITE SETTS
SUPPLIER: Hardscape Granite Setts or equal & approved
SIZE: W100mm x L150mm / 200mm / 300mm x D80mm
MATERIAL: Granite
PRODUCT: Kobra
FINISH: Flamed texture surface, sawn base and sides
SUBBASE: To engineers specification
DETAIL: 10001

PAVING TYPE 3 (PT3): GRANITE SETTS
SUPPLIER: Hardscape Granite Setts or equal & approved
SIZE: W100mm x L150mm / 200mm / 300mm x D80mm
MATERIAL: Granite
PRODUCT: Alpendorada
FINISH: Flamed texture surface, sawn base and sides
SUBBASE: To engineers specification
DETAIL: 10002

PAVING TYPE 4 (PT4): GRANITE SETTS
SUPPLIER: Hardscape Granite or equal & approved
SIZE: W200mm x L200 - 400mm x D100mm
PRODUCT: Magma 25%
Yellow Rock 25%
Cloudy Violet 25%
Violet Pearl 25%
FINISH: Magma Flamed sawn base & sides
Yellow Rock Bush Hammered sawn base & sides
Cloudy Violet Flamed sawn base & sides
Violet Pearl Flamed sawn base & sides
SUBBASE: To engineers specification
DETAIL: 10003

PAVING TYPE 5 (PT5): GRANITE CUBES
SUPPLIER: Hardscape Granite or equal & approved
FINISH: Bush Hammered surface, sawn base and sides
COLOUR: Kobra Green
SUBBASE: To engineers specification
DETAIL: 10004

PAVING TYPE 6 (PT6): GRANITE SETTS
SUPPLIER: Hardscape Granite or equal & approved
SIZE: W100mm x L200mm x D100mm
MATERIAL: Granite
PRODUCT: Alpendorada
FINISH: Flamed texture surface, sawn base and sides
SUBBASE: To engineers specification
DETAIL: 10005

PAVING TYPE 7 (PT7): GRANITE SETTS
SUPPLIER: Hardscape Granite or equal & approved
SIZE: W100mm x L200mm x D100mm
MATERIAL: Granite
PRODUCT: Kobra
FINISH: Flamed texture surface, sawn base and sides
SUBBASE: To engineers specification
DETAIL: 10006

PAVING TYPE 9A (PT9A): GRANITE BAND
SUPPLIER: Hardscape Granite or equal & approved
SIZE: W200mm x L300mm x D100mm
MATERIAL: Granite
PRODUCT: Crystal Black
FINISH: Bush Hammered surface, sawn base and sides
SUBBASE: To engineers specification
DETAIL: 10007

PAVING TYPE 9B (PT9B): GRANITE BAND
SUPPLIER: Hardscape Granite or equal & approved
SIZE: W300mm x L500mm x D100mm
MATERIAL: Granite
PRODUCT: Crystal Black
FINISH: Bush Hammered surface, sawn base and sides
SUBBASE: To engineers specification
DETAIL: 10008

PAVING TYPE 10 (PT10): LIMESTONE BAND
SUPPLIER: Hardscape Granite or equal & approved
SIZE: W200mm x L300mm x D100mm
MATERIAL: Limestone
PRODUCT: Kilkenny Blue Commercial
FINISH: Flamed
SUBBASE: To engineers specification
DETAIL: 10009

PAVING TYPE 11A (PT11A): HAZARD PAVING
SUPPLIER: Hardscape Granite or equal & approved
SIZE: W100mm x L300mm x D100mm
MATERIAL: Granite
PRODUCT: Kobra
FINISH: Flamed texture surface, sawn base and sides
PATTERN: Corduroy
SUBBASE: To engineers specification
DETAIL: 10010

PAVING TYPE 11B (PT11B): BLISTER PAVING
PRODUCT: To Manchester City Councils specification
SUBBASE: To engineers specification

PAVING TYPE 13 (PT13): STEP UNITS
SUPPLIER: Hardscape or equal and approved
PRODUCT: Solid Granite Step Unit
SIZE: Tread 400mm x Rise 150mm
MATERIAL: Granite
FINISH: Flamed texture surface, sawn base and sides
COLOUR: Magma
ARIS: Pencil round nose with
NOTE: Inlay contrasting strip
SUBBASE: To engineers specification
DETAIL: 30001

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SOFTWORKS - Note legend is site wide

INGROUND TREE PLANTING IN HARD
GIRTH: 25-30cm
HEIGHT: 5 - 5.5m
STEM: Rootball
ROOT: 2.5m Clear Stem
DETAIL: 60001

INGROUND TREE PLANTING IN SOFT
GIRTH: 25-30cm
HEIGHT: 5 - 5.5m
STEM: Rootball
ROOT: 2.5m Clear Stem
DETAIL: 60002

TREE IN FT2
GIRTH: 20-25cm
HEIGHT: 4 - 4.5m
STEM: Rootball
ROOT: 2m Clear Stem
DETAIL: 60003

TREE IN FT5
GIRTH: 20-25cm
HEIGHT: 4 - 4.5m
STEM: Rootball
ROOT: 2m Clear Stem
DETAIL: 60004

EXISTING TREES TO BE REMOVED
DETAILS: Refer to BS5837: 2012

SHRUB PLANTING 1 (S1)
DETAILS: Mix of evergreen shrubs, ground cover and herbaceous perennials.
SIZE: 3-10L
ROOT: Containerised
DETAIL: 60010

SLOPE PLANTING 2 (S2)
PRODUCT: Pre-Grown Ivy Screens / Ivy Mats
SUPPLIER: Hedera Screens or equal and approved
SPECIES: *Helix repens*
NOTE: Installed at max 69° angle.

AMENITY GRASS (G1)
PRODUCT: LT8 Festival Plus Turf
SUPPLIER: Lindum or equal & approved
DETAIL: 60011

GRASS TERRACES (G2)
PRODUCT: Grassfelt
SUPPLIER: Lindum or equal & approved
DETAIL: 60011

SWALE MEADOW SEEDING (M2)
PRODUCT: Meadows Water's Edge Seed Mix
SUPPLIER: Pictorial Meadows or equal & approved
DETAIL: 60011

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EDGE TYPES - Note legend is site wide

ET1 **EDGE TYPE 1 (ET1): UPSTAND GRANITE KERB**
SUPPLIER: Hardscape or equal and approved
MATERIAL: Granite
SIZE: W125 x H255 x L1000mm
300mm Minimum cut unit length
MATERIAL: Granite
PRODUCT: Kobra
FINISH: Flamed
ARRIS: 10mm Pencil Round
UPSTAND: Approx 100mm - 120mm
Refer to Levels and Grades Layout
SPECIALS: Changes of directions to be achieved with specialist corner units that have a minimum internal length of 300mm. Mitre joints not permitted.
NOTE: Supplier to provide complete fabrication drawings to Landscape Architect for approval

ET2 **EDGE TYPE 2 (ET2): SPECIAL TRANSITION KERB**
SUPPLIER: Hardscape or equal and approved
MATERIAL: Granite
SIZE: W125 x H255 x L1000mm
PRODUCT: Kobra
FINISH: Flamed
ARRIS: Transition from adjacent PCC Kerb to 10mm Pencil Round
UPSTAND: Approx 100mm - 120mm
Refer to Levels and Grades Layout
NOTE: Supplier to provide complete fabrication drawings to Landscape Architect for approval

ET3 **EDGE TYPE 3 (ET3): FLUSH FLAT TOP EDGE**
SUPPLIER: Hardscape or equal and approved
MATERIAL: Granite
SIZE: W125 x H155 x L1000mm
300mm Minimum cut unit length
PRODUCT: Kobra
FINISH: Flamed
ARRIS: 90° Edge
UPSTAND: N/A Units to be laid flush.
Refer to Levels and Grades Layout
NOTE: Supplier to provide complete fabrication drawings to Landscape Architect for approval

ET4 **EDGE TYPE 4 (ET4): UPSTAND EDGE**
SUPPLIER: Hardscape or equal and approved
MATERIAL: Granite
SIZE: W80 x H150 x L1000mm
300mm Minimum cut unit length
PRODUCT: Kobra
FINISH: Flamed
SIZE: 10mm Pencil Round
UPSTAND: Approx 100mm - 120mm
SPECIALS: Changes of directions to be achieved with specialist corner units that have a minimum internal length of 300mm. Mitre joints not permitted.
NOTE: Supplier to provide complete fabrication drawings to Landscape Architect for approval

ET5 **EDGE TYPE 5 (ET5): FLUSH FLAT TOP EDGE**
SUPPLIER: Hardscape or equal and approved
MATERIAL: Granite
SIZE: W80 x H150 x L1000mm
300mm Minimum cut unit length
PRODUCT: Kobra
FINISH: Flamed
ARRIS: 90° Edge
UPSTAND: N/A Units to be laid flush.
Refer to Levels and Grades Layout
NOTE: Supplier to provide complete fabrication drawings to Landscape Architect for approval

ET6 **EDGE TYPE 6 (ET6): HIGHWAYS KERBS**
SPEC: Refer to Highway Engineers layout, details and specification.

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FURNITURE

FURNITURE TYPE 1 (FT1): TREE GRILLE
PRODUCT: Tree Grille Round Ripple
SUPPLIER: Street Life, or equal & approved
SIZE: Diameter 1800mm
MATERIAL: Galvanised Mild Steel
FINISH: Powder coated
COLOUR: Dark Grey

FURNITURE TYPE 2 (FT2): TREE PLANTER
MATERIAL: Galvanised Mild Steel
SIZE: Dia 1800mm H 1100mm
FINISH: Polyester Powder coated
DETAIL: 50003

FURNITURE TYPE 4 (FT4): GRANITE BENCH
SUPPLIER: Hardscape or equal & approved
SIZE: As shown
MATERIAL: Granite
FINISH: Flamed
COLOUR: Kobra
DETAIL: 50001 / 50002

FURNITURE TYPE 5 (FT5): RAISED METAL PLANTER
PRODUCT: Shrub Tubs Square or equal & approved
SUPPLIER: StreetLife
SIZE: 2300mm x 2300mm x 900mm
MATERIAL: Mild Steel
FINISH: Polyester Powder Coated
COLOUR: TBC
DETAIL: 50003
SPEC: Planters to be moveable.

FURNITURE TYPE 6 (FT6): REMOVABLE BOLLARD
PRODUCT: Removable Stainless Steel Bollard
SUPPLIER: Kent Stainless or equal and approved
DIA: 90mm
HEIGHT: 1000mm
MATERIAL: Stainless Steel
FINISH: Bead Blasted

FURNITURE TYPE 7 (FT7): WIND BAFFLE
PRODUCT: Bespoke Wind Baffle
SIZE: 3m Height x 1.5m Width
POROSITY: 50%
MATERIAL: Aluminum
FINISH: Annodised
COLOUR: TBC
DETAIL: 50007

FURNITURE TYPE 9 (FT9): BIKE STAND
PRODUCT: Ride Bike Rack or equal and approved
SUPPLIER: Landscape Forms
SIZE: 1100mm Height x 800mm Wide x 60mm Dia
MATERIAL: Aluminum
FINISH: Polyester Powder Coated
COLOUR: Grey

FURNITURE TYPE 11 (FT11): LITTER BIN
PRODUCT: Crystal litter bin for sorted waste or equal and approved
SUPPLIER: MMCite
SIZE: 985mm Height x 775 Wide x260mm Depth
MATERIAL: Galvanised Mild Steel
FINISH: Polyester Powder Coated
COLOUR: TBC

FURNITURE TYPE 12 (FT12): LITTER BIN & ASHTRAY
PRODUCT: Crystal litter bin for sorted waste or equal and approved
SUPPLIER: MMCite
SIZE: 985mm Height x 775 Wide x260mm Depth
MATERIAL: Galvanised Mild Steel
FINISH: Polyester Powder Coated
COLOUR: TBC
NOTE: Inc ashtray

FURNITURE TYPE 13 (FT13): POWER UNIT
PRODUCT: Pop Up Power Unit inc hidden lock socket or equal & approved
SUPPLIER: Kent Stainless
SIZE: 141mm Dia x 1000mm Height
MATERIAL: Galvanised Mild Steel
FINISH: Polyester Powder Coated
COLOUR: Grey

FURNITURE TYPE 14 (FT14): FESTOON LIGHT POST
SIZE: Dia 100mm x 4000mm Height
MATERIAL: Galvanised Mild Steel
FINISH: Polyester Powder Coated
COLOUR: Grey
DETAIL: 50012

FURNITURE TYPE 15 (FT15): HIGH TENSILE WIRE
SIZE: Dia TBC
MATERIAL: Galvanised Mild Steel
FINISH: 50012

HABITAT BOX 1 (HB1): INSECT HOTEL
PRODUCT: Vestre Leaf Insect Hotel (In-ground Fixing)
SIZE: H1160 x W170 mm
MATERIAL: Galvanised Steel
FINISH: Polyester Powder Coated
COLOUR: TBC
SPECIES: Wild Bees
NOTE: South Facing

HABITAT BOX 2 (HB2): BIRD HOUSE
PRODUCT: Vestre Wings Bird House (2xNarrow box, 1xwide)
SIZE: H3000mm
MATERIAL: Galvanised Steel
FINISH: Polyester Powder Coated
COLOUR: TBC
SPECIES: Various Bird Species
SPEC: South Facing

LIGHT UNIT A (LT- A): COLUMN LIGHT
PRODUCT: DW Windor Lighting Silka Area Max 4m High
NOTE: Lighting design, specification and detail to lighting consultant.

LIGHT UNIT B (LT- B): LED STRIP LIGHT
PRODUCT: DW Windor LED Linea
NOTE: Lighting design, specification and detail to lighting consultant.

LIGHT UNIT C (LT-C): RECESSED LOW LEVEL LIGHT
PRODUCT: DW Windor Rado Recessed Light
NOTE: Lighting design, specification and detail to lighting consultant.

LIGHT UNIT D (LT-G): FESTOON LIGHTING
NOTE: Lighting design, specification and detail to lighting consultant.

LIGHT UNIT H (LT- H): COLUMN LIGHT
PRODUCT: DW Windor Lighting Sofia 2 Post Top Luminar 5m Column
UNIT: Lighting design, specification and detail to lighting consultant.

CCTV UNIT : CCTV
UNIT: CCTV design, specification and detail to MnE consultant.

REFER TO LIGHTING CONSULTANTS CURRENT INFORMATION FOR DETAILED PLAN AND SPECIFICATION

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LEVELS & GRADES - Note legend is site wide

Ex 00.000 **EXISTING LEVEL**

00.000 **PROPOSED LEVEL**

ToW 00.000 **PROPOSED TOP OF WALL LEVEL**

BoW 00.000 **PROPOSED BOTTOM OF WALL LEVEL**

ToK 00.000 **PROPOSED TOP OF KERB LEVEL**

BoK 00.000 **PROPOSED BOTTOM OF KERB LEVEL**

ToP 00.000 **PROPOSED TOP OF PLANTER LEVEL**

BoP 00.000 **PROPOSED BOTTOM OF PLANTER LEVEL**
NOTE: Where indicated on FT5, level stated is to be the top of the concrete plinth to ensure trees and planters are installed upright and straight.

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BOUNDARY TYPES - Note legend is site wide

BT1 **BOUNDARY TYPE 1 (BT1): CLAD GRANITE WALL**
SUPPLIER: Hardscape or equal and approved
MATERIAL: Granite
PRODUCT: Kobra
FINISH: Flamed
ARRIS: 10mm Pencil Round
DETAIL: 20000
NOTE: Supplier to provide complete fabrication drawings to Landscape Architect for approval

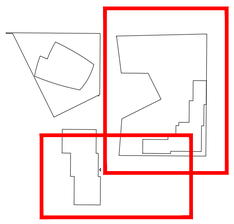
BT2 **BOUNDARY TYPE 2 (BT2): HANDRAIL**
MATERIAL: Stainless Steel
SIZE: H1100 x DIA 40mm
FINISH: Brushed
DETAIL: 40004
NOTE: Supplier / Fabricator to provide complete fabrication drawings to Landscape Architect for approval

NOTES

1. This drawing is to be read in conjunction with all other drawings and specifications.
2. Do not scale off this drawing. Written dimensions to be taken only.
3. Any discrepancies found between this drawing and other drawings and specifications in the construction documents must be referred to the Landscape Architect prior to work commencing.
4. This drawing must not be copied in whole or in part without prior written consent of Optimised Environments Ltd.
5. Survey information is based upon aspect surveyors Topographical as Survey.

CDM INFORMATION

KEY PLAN



Issue	Revision	Initial	Date
04	REVISED ENTRANCES	CO	16.06.23
03	Lighting and CCTV Added	CO	27.04.23
02	STAGE 4 UPDATE	CO	15.12.22
A	STAGE 4	CO	31.10.22

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Client
Downing Living (Manchester) Ltd

Project
PLOT 11 FIRST STREET SOUTH

Manchester

Drawing Title
BUILDING AB GENERAL ARRANGEMENT PUBLIC REALM

LEGEND
SHEET 1 OF 1

Scale Bar
2m 4m 6m 8m 10m
North

Scale:	**1:200@A1**	Date:	**Jan 2022**
By:	**CO**	Status:	**TENDER**
Checked:	**AW**	Approved:	**AW**

Drawing Number
M90183_AB_L203

Rev
04

Computer File: R:\Projects\2019\M90183_FirstStrCAD\AUTOCAD\SHEETS\PHASE AB