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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: 70 % Kobra Green & 30% Alpendorada
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 Green
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: Grassfeli
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: Anthracite Grey (RAL 7016)

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: Anthracite Grey (RAL 7016)
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: 101mm
HEIGHT: 900mm above ground
MATERIAL: Stainless Steel
FINISH: Polished
FIXING: Removable

FURNITURE TYPE 7 (FT7): WIND BAFFLE
PRODUCT: Bespoke Wind Baffle
SIZE: 3m Height x 1785mm Width
POROSITY: 50%
MATERIAL: Aluminum
FINISH: Annodised
COLOUR: Anthracite Grey (RAL 7016)
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: Anthracite Grey (RAL 7016)

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: Anthracite Grey (RAL 7016)

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: Anthracite Grey (RAL 7016)
NOTE: Inc ashtray

FURNITURE TYPE 31 (FT31): POWER UNIT
PRODUCT: Pop Up Power Unit inc hidden lock socket or equal & approved
SUPPLIER: Kent Stainless
SIZE: 141mm Dia x 1000mm Height
MATERIAL: Stailness Steel

FURNITURE TYPE 32 (FT32): FESTOON LIGHT POST
SIZE: Dia 100mm x 4000mm Height
MATERIAL: Galvanised Mild Steel
FINISH: Polyester Powder Coated
COLOUR: Anthracite Grey (RAL 7016)
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: Century Lighting 4m High LED Column Fitting
NOTE: Lighting design, specification and detail to lighting consultant.

LIGHT UNIT B (LT- B): LED STRIP LIGHT
PRODUCT: Century Light LED Strip Lighting 10 Series
NOTE: Lighting design, specification and detail to lighting consultant.

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

LIGHT UNIT D (LT-D): BOLLARD LIGHTING
PRODUCT: Bollard Light Fitting
NOTE: Lighting design, specification and detail to lighting consultant.

LIGHT UNIT G (LT-G): FESTOON LIGHTING
PRODUCT: Century Lighting LED FES202023IES
NOTE: Lighting design, specification and detail to lighting consultant.

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

LIGHT UNIT JE (LT-JE): WALL LED DOWN LIGHT
PRODUCT: Century Lighting Afrodita
NOTE: 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 FTS, level stated is to be the top of the concrete plinth to ensure trees and planters are installed upright and straight.

00.000
PROPOSED HIGHWAY LEVEL

ToK 00.000
PROPOSED HIGHWAY TOP OF KERB LEVEL

Refer to M90183_203 for Legend

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
07	Lighting & windbaffle updated	CO	17.05.24
06	PT 1 and 2 colour update	CO	08.05.24
05	Bollard Update	CO	19.07.23
04	Architectural Update	CO	19.06.23
03	Lighting 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 D 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: **CONSTRUCTION**
Checked: **AW** Approved: **AW**

Drawing Number **M90183_D_L203** Rev **07**

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