

SURFACE COURSE
80mm THICKNESS RECLAIMED YORK STONE PAVING SLABS

FLAGS SHALL BE:
- FREE FROM THROUGH-CRACKS
- FREE FROM ACTIVE DELAMINATION/SHALING
- EDGES SOUND; CHIPS < 15mm ACCEPTABLE; MAJOR CORNER LOSSES > 40mm REJECTED
- SURFACE WEAR EVENLY WEATHERED AND SLIP-RESISTANT
- NO BOWING > 5mm ACROSS 600mm
- THICKNESS VARIATION PER INDIVIDUAL SLAB: ±10 mm MAXIMUM.
- FLAGS SHALL BE LAID WITH NO ROCKING UNDER TAMPING
- FLAGS TO BE SORTED BY THICKNESS AND LAID TO MINIMISE LEVEL DIFFERENCES AT JOINTS

JOINTING MORTAR
- CEMENTITIOUS OR RESIN-BASED JOINTING MORTAR SUITABLE FOR RIGID STONE PAVING.
- COLOUR TO BE APPROVED BY CONTRACT ADMINISTRATOR.
- JOINT WIDTH: 5–10mm.
- JOINT DEPTH: FULL-DEPTH OF THE STONE.

BOND BRIDGE / SLURRY PRIMER
- POLYMER-MODIFIED BONDING SLURRY APPLIED TO UNDERSIDE OF STONE. REFER TO MANUFACTURES INSTRUCTIONS
- APPLY SLURRY IMMEDIATELY BEFORE BEDDING MORTAR TO ENSURE CHEMICAL BOND.
- USE POLYMER-MODIFIED BONDING SLURRY COMPATIBLE WITH THE BEDDING SYSTEM.

LAYING COURSE
40mm THICKNESS MIX: 1:3 CEMENT:SAND WITH PLASTICISER OR PROPRIETARY SYSTEM

- FULL BED ONLY — SPOT BEDDING NOT PERMITTED.
- BEDDING TO BE COMPACTED TO ENSURE FULL SUPPORT, NO VOIDS.

BASE COURSE
150mm THICKNESS MIN C25/30 CONCRETE TAMPED AND FLOATED FINISHED, TO WITHIN +/-2mm OF FINISHED LEVEL, LAYER OF A193 MESH WITH 50mm TOP & SIDE COVER. SLAB FALL TO MATCH PAVING FALL REFER TO ARCHITECTS DRAWINGS

BOND BRIDGE / SLURRY PRIMER
- POLYMER-MODIFIED BONDING SLURRY APPLIED TO TOP OF CONCRETE CONCRETE BASE, REFER TO MANUFACTURES INSTRUCTIONS

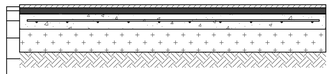
MOVEMENT JOINTS
- PROVIDE MOVEMENT JOINTS:
- AT MAX 6m SPACING, BOTH WAYS
- AT ALL ABUTMENTS, WALLS, COLUMNS AND CHANGES IN GEOMETRY
- FILL JOINTS WITH FLEXIBLE COMPRESSIBLE FILLER.
- MOVEMENT JOINTS IN CONCRETE SLAB MUST ALIGN WITH JOINTS IN STONE.
- MOVEMENT JOINT IN CONCRETE SLAB MUST CONTINUE THROUGH BEDDING AND THROUGH STONE JOINTS WITH FLEXIBLE SEALANT AT SURFACE.

SUB BASE
MIN 200mm THICKNESS TYPE 1 GRANULAR MATERIAL ON TENSAR InterAX GEOGRID A-64427-L1 WITH 300-400mm OVERLAP
BASED ON 1.5%-2% CBR

FORMATION

- REMOVE SOFT SPOTS
- NO STANDING WATER
- COMPACT FORMATION
- GEOTEXTILE SEPARATOR WHERE FINES MIGRATION MAY OCCUR (OPTIONAL, IF SATURATED GROUND)

RECLAIMED YORK STONE CONSTRUCTION
TRAFFIC CATEGORY 4 (LIGHT HGV AND FIRE TENDER)
ROAD AREA 5



SURFACE COURSE
60mm THICKNESS RECLAIMED YORK STONE PAVING SLABS

FLAGS SHALL BE:
- FREE FROM THROUGH-CRACKS
- FREE FROM ACTIVE DELAMINATION/SHALING
- EDGES SOUND; CHIPS < 15mm ACCEPTABLE; MAJOR CORNER LOSSES > 40mm REJECTED
- SURFACE WEAR EVENLY WEATHERED AND SLIP-RESISTANT
- NO BOWING > 5mm ACROSS 600mm
- THICKNESS VARIATION PER INDIVIDUAL SLAB: ±10 mm MAXIMUM.
- FLAGS SHALL BE LAID WITH NO ROCKING UNDER TAMPING
- FLAGS TO BE SORTED BY THICKNESS AND LAID TO MINIMISE LEVEL DIFFERENCES AT JOINTS

JOINTING MORTAR
- CEMENTITIOUS OR RESIN-BASED JOINTING MORTAR SUITABLE FOR RIGID STONE PAVING.
- COLOUR TO BE APPROVED BY CONTRACT ADMINISTRATOR.
- JOINT WIDTH: 5–10mm.
- JOINT DEPTH: FULL-DEPTH OF THE STONE.

BOND BRIDGE / SLURRY PRIMER
- POLYMER-MODIFIED BONDING SLURRY APPLIED TO UNDERSIDE OF STONE. REFER TO MANUFACTURES INSTRUCTIONS
- APPLY SLURRY IMMEDIATELY BEFORE BEDDING MORTAR TO ENSURE CHEMICAL BOND.
- USE POLYMER-MODIFIED BONDING SLURRY COMPATIBLE WITH THE BEDDING SYSTEM.

LAYING COURSE
40mm THICKNESS MIX: 1:3 CEMENT:SAND WITH PLASTICISER OR PROPRIETARY SYSTEM

- FULL BED ONLY — SPOT BEDDING NOT PERMITTED.
- BEDDING TO BE COMPACTED TO ENSURE FULL SUPPORT, NO VOIDS.

BASE COURSE
100mm THICKNESS MIN C25/30 CONCRETE TAMPED AND FLOATED FINISHED, TO WITHIN +/-2mm OF FINISHED LEVEL, LAYER OF A142 MESH WITH 50mm TOP & SIDE COVER. SLAB FALL TO MATCH PAVING FALL REFER TO ARCHITECTS DRAWINGS

BOND BRIDGE / SLURRY PRIMER
- POLYMER-MODIFIED BONDING SLURRY APPLIED TO TOP OF CONCRETE CONCRETE BASE, REFER TO MANUFACTURES INSTRUCTIONS

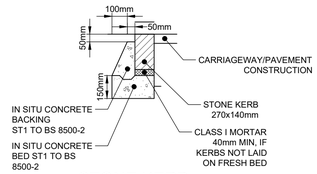
MOVEMENT JOINTS
- PROVIDE MOVEMENT JOINTS:
- AT MAX 6m SPACING, BOTH WAYS
- AT ALL ABUTMENTS, WALLS, COLUMNS AND CHANGES IN GEOMETRY
- FILL JOINTS WITH FLEXIBLE COMPRESSIBLE FILLER.
- MOVEMENT JOINTS IN CONCRETE SLAB MUST ALIGN WITH JOINTS IN STONE.
- MOVEMENT JOINT IN CONCRETE SLAB MUST CONTINUE THROUGH BEDDING AND THROUGH STONE JOINTS WITH FLEXIBLE SEALANT AT SURFACE.

SUB BASE
MIN 150mm THICKNESS TYPE 1 GRANULAR MATERIAL

FORMATION

- REMOVE SOFT SPOTS
- NO STANDING WATER
- COMPACT FORMATION
- GEOTEXTILE SEPARATOR WHERE FINES MIGRATION MAY OCCUR (OPTIONAL, IF SATURATED GROUND)

RECLAIMED YORK STONE CONSTRUCTION
TRAFFIC CATEGORY 1 (PEDESTRIAN)
EAST TERRACE PEDESTRIAN ONLY AREAS



STONE KERB

DESIGN CODES TO COMPLY WITH

York stone selection	BS EN 1341
Paving design (rigid/flexible)	BS 7533-101,102, 12
Bedding mortar & jointing	BS 7533-102, BS EN 998
Concrete base	BS EN 206, BS 8500
Sub-base (Type 1)	MCHW Series 800, DMRB 225/226
CBR-based pavement design	DMRB CD 225
Earthworks / formation	MCHW Series 60
Kerbs	BS 7533-6:2005, BS EN 1343, BS 7263-1 MCHW Volume 1: Series 1100

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
2. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.

EXTERNAL WORKS NOTES

3. NO BLOCKS/SLABS WITH A UNIT WEIGHT IN EXCESS OF 20KG TO BE USED.
4. KERBS IN EXCESS OF 20KG TO BE MACHINE LAID

0 1 2

SCALE @ A1 1:20
SCALE @ A3 1:40
METRES

NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
4. DO NOT SCALE FROM THE DRAWING OR THE COMPUTER DIGITAL DATA. ONLY FIGURED DIMENSIONS TO BE USED.

Rev	Date	Description	By
P03	22/12/25	SCALE BAR ADDED	SPB
P02	09/12/25	ISSUED FOR PLANNING	SPB
P01	08/12/25	PRELIMINARY ISSUE	SPB

Project Title
Tottenham House Estate
Marlborough
SN8 3BE

Drawing Title
EXTERNAL WORKS DETAILS

Scale @ A1	Date	Drawn	Checked
1:20	26/09/25	BLT	TH

Drawing Status: **S4 - SUITABLE FOR STAGE APPROVAL** | Revision: **P03**

Project Drawing ID
10588-MBP-XX-XX-DR-C-0520
Project Originator Volume Level Type Role Number

MBP Consulting Engineers
88 Kingsway
London WC2B 6AA
T 020 7240 1191
E london@mbp-uk.com
W mbp-uk.com

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