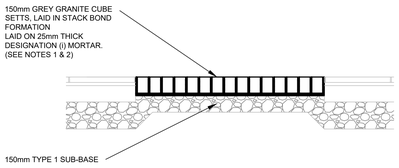
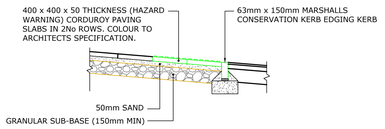


NOTE: JOINTS BETWEEN GRANITE SETTS SHALL BE NOMINALLY 15mm WIDE AND SHALL BE FILLED AND POINTED WITH DESIGNATION (i) MORTAR TO CLAUSE 2404, OR WITH A POLYESTER RESIN MORTAR WHERE SPECIFIED IN THE CONTRACT

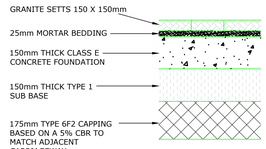
SMALL UNIT PAVING CONSTRUCTION DETAIL



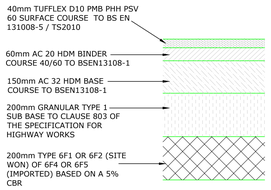
Notes

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE.
2. FALLS ACROSS TEXTURED SLABS SHALL NOT EXCEED 1:12 IN ANY DIRECTION.
3. MINIMUM OF 2 NUMBER ROWS TO BE PROVIDED AT EACH CROSSING POINT.

CORDUROY PAVING DETAIL



PROPOSED OVERUN AREA

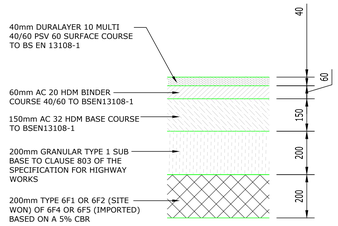


1. Pavement to have red anti skid surface included at cycleway crossovers.

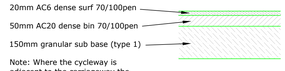
PROPOSED GRAVEN HILL ROAD CONSTRUCTION

SURFACING DETAILS

(Scale 1:10)

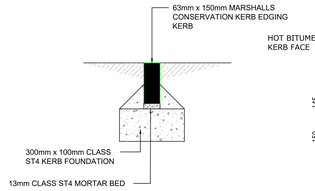


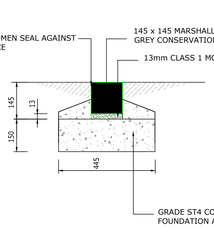
PROPOSED ASPHALT CONCRETE ROAD CONSTRUCTION

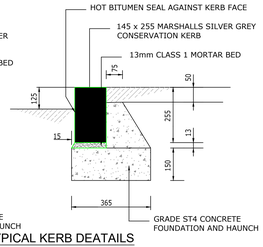


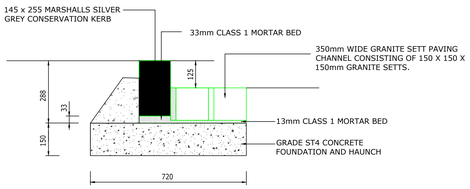
Note: Where the cycleway is adjacent to the carriageway the sub base is to be replaced with 150mm thick lean mix concrete, if the CBRs are less than 5% or 75mm if the CBRs are more than 5%.

PROPOSED ASPHALT CYCLE LANE CONSTRUCTION



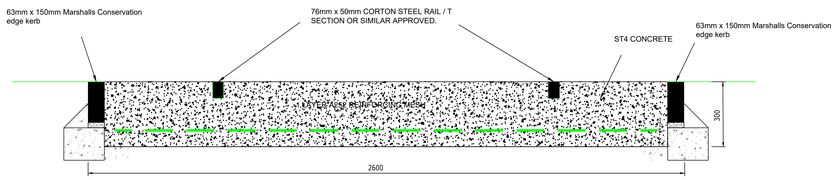




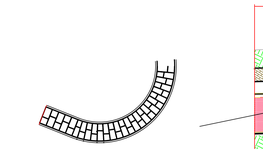


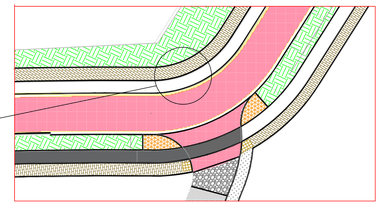
TYPICAL KERB DEATAILS

(Scale 1:10)



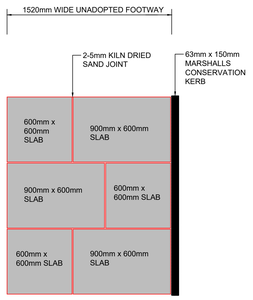
CONCRETE FOOTWAY DETAIL





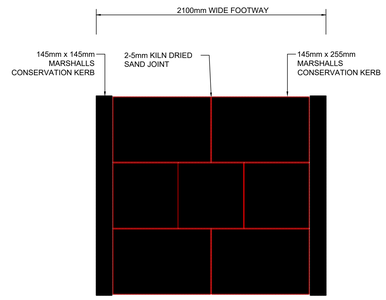
TYPICAL FAN PAVING ARRANGEMENT DETAIL (NTS)

PLAN VIEW (NTS)



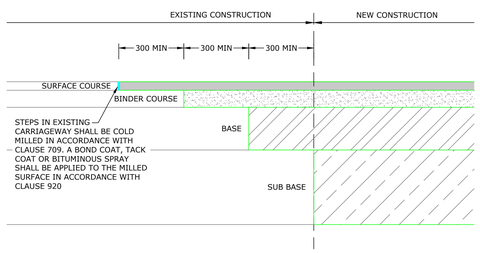
TYPICAL PAVED FOOTWAY LAYOUT FOR 1.52m WIDE UNADOPTED FOOTWAY (PAVING TO BE MARSHALLS CONSERVATION GROUND CONCRETE SMOOTH PAVING)

SCALE 1:20



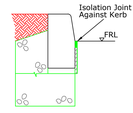
TYPICAL PAVED FOOTWAY LAYOUT FOR 2.12m WIDE FOOTWAY (PAVING TO BE MARSHALLS CONSERVATION GROUND CONCRETE SMOOTH PAVING)

SCALE 1:20

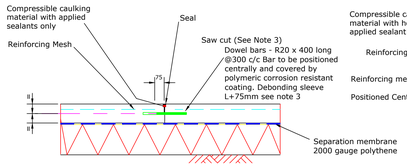


TYPICAL TIE-IN CONSTRUCTION DETAIL

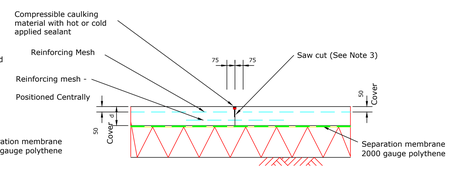
Scale 1:10



ISOLATION JOINT AGAINST KERB



FREE MOVEMENT JOINT CONTRACTION @ 14M C/CS



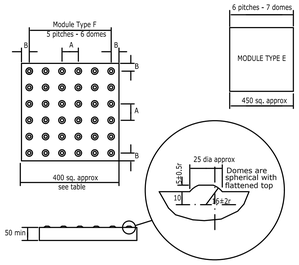
RESTRAINED CONTRACTION JOINT @ 7m C/CS

General Notes:

1. Depth of saw cut to be between d/3 and d/4 (minimum width 3mm). Alternatively, wet-formed joint grooves can be used in accordance with Cl. 1013.

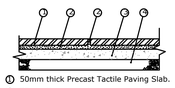
2. Joints to be sealed in accordance with Cl. 1016.

3. Debonded Dowel bars to Cl. 1011with proprietary sleeve.



NOTES
a. COLOUR - Red for controlled crossings. Buff for uncontrolled crossings.
b. MATERIALS - The tactile surface may be constructed from any material suitable for paving footway surfaces. The actual depth of the slab will be related to the materials used to construct the modules.

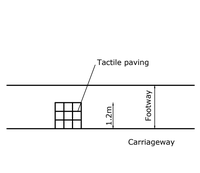
MODULE TYPE	SIZE	PITCH DIMENSION A	PITCH DIMENSION B
E	450 sq	64	33
F	400 sq	66.8	33
		TOLERANCE±2	



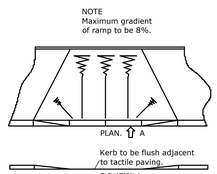
1. 50mm thick Precast Tactile Paving Slab.
2. 30mm fine concrete.
3. 150mm lean mix concrete
4. Granular Type 1 sub-base to Clause 803 150mm thick.

PROPOSED TACTILE PAVING

(Scale 1:10)



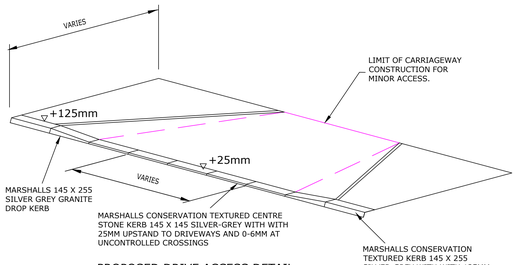
UNCONTROLLED CROSSING TACTILE PAVING DETAIL



DROPPED KERB CROSSING DETAIL.

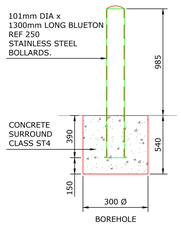
PROPOSED CROSSING DETAILS

(Scale 1:10)

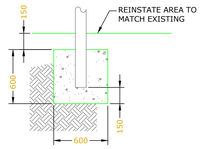


PROPOSED DRIVE ACCESS DETAIL

(NTS)



BOLLARD DETAIL (ROAD 1)



SIGN FOUNDATION NOTES:

1. Foundation size to be 0.6m x 0.6m x 0.6m (or otherwise shown)

2. Concrete foundations shall not be subjected to loading for at least 48 hours after placing

3. Concrete shall be to Class ST4

SIGN FOUNDATION DETAIL

Scale 1:20

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.

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Pickfords Wharf, Clink Street, London SE1 9DG t 020 7928 7888 f 03333 444 501

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2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
3. THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING/STRUCTURE/EXCAVATION AT ALL STAGES OF THE WORK.
4. ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND SAFETY AT WORK ACT ARE SATISFIED.
5. ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES AND REGULATIONS.

Rev	Date	Description	By
A01	24.01.25	ISSUED	JL

Amendments

Project: GRAVEN HILL, BICESTER

Title: PHASE 1A & 1B HIGHWAY STANDARD DETAILS SHEET 1

Client: Graven Hill Village Development Company

waterman
Alan House | 5th Floor | Clumber Street | Nottingham | NG1 3ED
T: +44 115 848 2812
mail@watermangroup.com www.watermangroup.com

Drawing Status: PRELIMINARY

Designed by	JL	Checked by	NJH
Drawn by	JL	Date	JANUARY 2025
Scales @ A0 work to figured dimensions only	AS SHOWN	Computer File No	WIE11386-100-00-2600 - Highway Standard Details.dwg

Project No: WIE11386

Publisher	Zone	Category	Number	Revision
WIE	186	90	2600	A01

A0-Wat-S-GH/DC

File Path: \\watermancloud.sharepoint.com\sites\WIE-WIE\Projects\WIE11386_GHLLTA\WORKING\CAD\Drawings\WIE11386_GHLLTA_WORKING_CAD.dwg