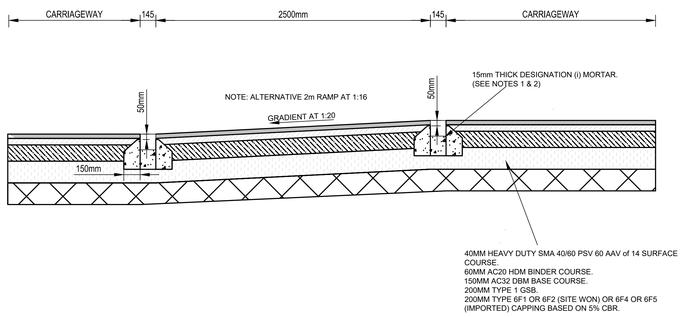
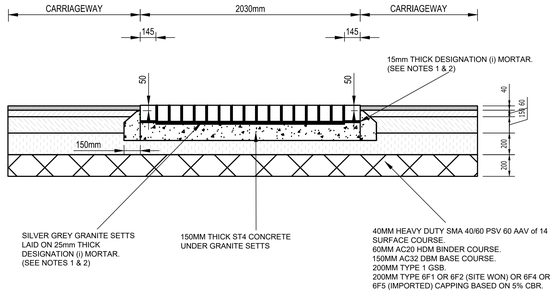


TYPICAL SECTION THROUGH MAGIC CARPET RAMP

SCALE 1:20

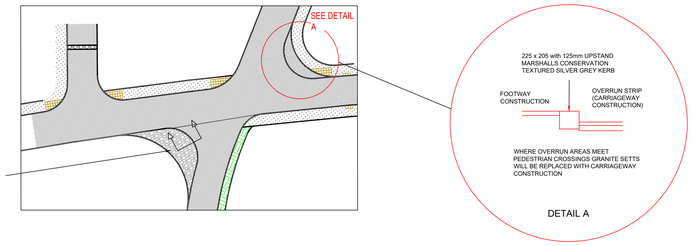


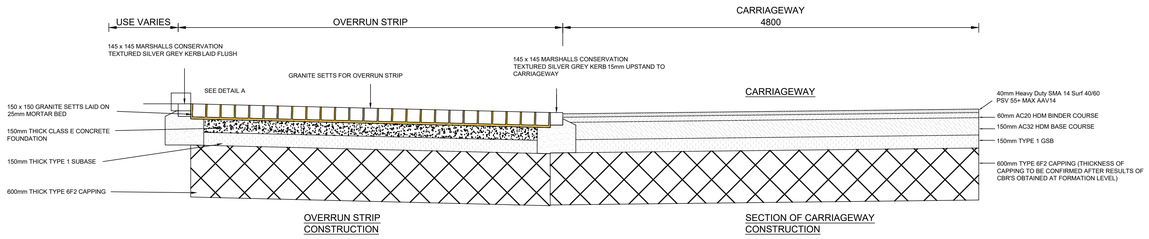
NOTES:

1. GRANITE SETTS SHALL BE 150 X 100 X 200 AND SHALL COMPLY WITH BS EN 1342. THEY SHALL BE LAID TO SHOW THE 100 X 200 SURFACE IN STRETCHER BOND.
2. 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

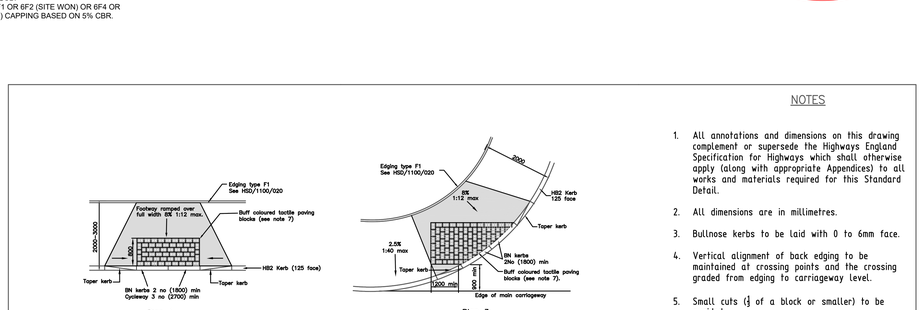
TYPICAL SECTION THROUGH RUMBLE STRIP

SCALE 1:20





SECTION THROUGH OVERRUNSTRIP & CARRIAGEWAY



NOTES

1. All annotations and dimensions on this drawing complement or supersede the Highways England Specification for Highways which shall otherwise apply (along with appropriate Appendices) to all works and materials required for this Standard Detail.
2. All dimensions are in millimetres.
3. Bullnose kerbs to be laid with 0 to 6mm face.
4. Vertical alignment of back edging to be maintained at crossing points and the crossing graded from edging to carriageway level.
5. Small cuts (½ of a block or smaller) to be avoided.
6. All tactile block paving to be 'framed' with a stretcher course.
7. Blocks to be 200x133x60 laid on 50mm of sand or 30mm mortar bed.
8. The tactile crossing layouts on this drawing are typical examples. All proposed design layouts must comply with the DETR 'Guidance on the use of Tactile Paving Surfaces'.

SUB-BASE + CAPPING							
CBR ON FORMATION	<2.5	2.5-4.9	5.0-7.4	7.5-9.9	10.0-12.4	12.5-15.0	15+
SUB BASE TYPE 1	350	350	240	205	180	165	150
CAPPING 6F1 OR 6F2	750*	250	210	190	175	160	150
SUB-BASE ONLY							
CBR ON FORMATION	<2.5	2.5-4.9	5.0-7.4	7.5-9.9	10.0-12.4	12.5-15.0	15+
SUB BASE TYPE 1	*	450	325	280	245	220	200

*SEE NOTE

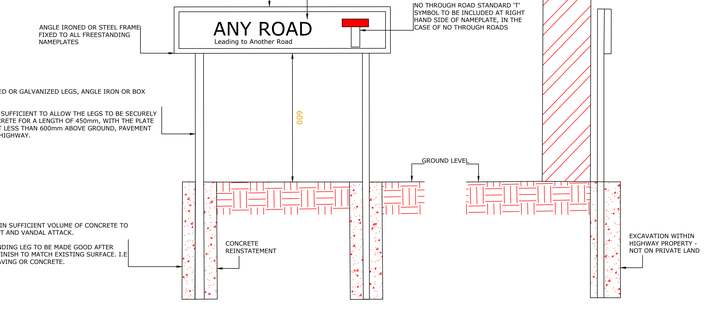
ALL SERVICES NEW AND EXISTING INCLUDING ANY REQUIRED PROTECTION IS TO BE BELOW CARRIAGEWAY BASE COURSE

NOTE:
GROUND STABLISATION MAY BE USED AS AN ALTERNATIVE TO CAPPING FOR FORMATION CBRs OF LESS THAN 2.5%. A PROPOSAL MUST BE SUBMITTED TO OXONCC FOLLOWING THE PRINCIPLES OF INTERIM ADVICE NOTE 73/06 REVISION 1 (OR ANY SUBSEQUENT REVISION), HA44 AND HA74 FROM THE DESIGN MANUAL OF ROADS AND BRIDGES.

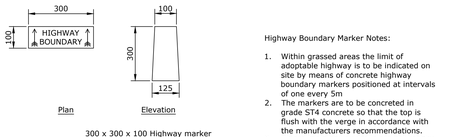
SUB-BASE AND CAPPING TABLE

NAMEPLATES SHOULD ONLY BE FIXED TO WALLS AT THE DIRECTION OF THE BUILDING CONTROL SERVICES DEPARTMENT, OR WITH THE PROPERTY OWNERS PERMISSION.

PLATES TO BE FIXED TO WALL WITH NON-FERROUS SCREWS, NOT LESS THAN 4 IN NUMBER. SCREWS TO BE ROUND HEAD 75mm * 10 GAUGE, INTO AN ACCEPTABLE PLUG FIXING OR CHEMICAL FIXING.

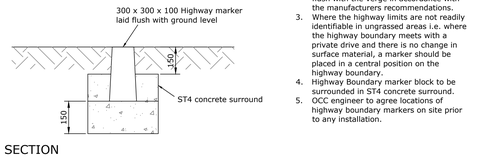


STREET NAMEPLATE AND FIXING DETAIL

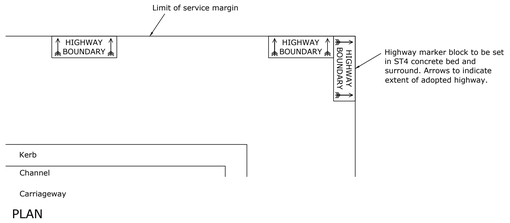


Highway Boundary Marker Notes:

1. Within grassed areas the limit of adoptable highway is to be indicated on site by means of concrete highway boundary markers positioned at intervals of one every 5m
2. The markers are to be concreted in grade ST4 concrete so that the top is flush with the verge in accordance with the manufacturers recommendations.
3. Where the highway limits are not readily identifiable in ungrassed areas i.e. where the highway boundary meets with a private drive and there is no change in surface material, a marker should be placed in a central position on the highway boundary.
4. Highway Boundary marker block to be surrounded in ST4 concrete surround.
5. OCC engineer to agree locations of highway boundary markers on site prior to any installation.



SECTION



PLAN

HIGHWAY BOUNDARY MARKER DETAIL

OXFORDSHIRE COUNTY COUNCIL
www.oxfordshire.gov.uk

Tactile Crossings in Footways

Kerbs, Footways and Paved Areas

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SCALE Nts

	INITIALS	DATE
DRAWN	JEX	Sept '17
TRACED		
CHECKED	JHF	Sept '17

Rev	INDEX	AMENDMENT	DATE
A		Tactiles realignment on Plan 3	23.1.18

DRAWING No. HSD/1100/035 revA

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

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS, ARCHITECTS OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
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 2

Client: Graven Hill Village Development Company

waterman
Alan House | 5th Floor | Clumber Street | Nottingham | NG1 3ED
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Drawing Status: PRELIMINARY

Designed by	JL	Checked by	NJH
Drawn by	JL	Date	JANUARY 2025
Scales @ A0 work to figured dimensions only	AS SHOWN		

Project No. WIE11386

Computer File No. WIE11386-100-00-2600 - Highway Standard Details.dwg

Publisher	Zone	Category	Number	Revision
WIE	186	90	2601	A01

A3-Wat-S-GHVDC, A1-Wat-S-GHVDC

File Path: \\watermanweu\dfs\projects\WIE\WIE_PROJECTS\WIE11386\WIE11386_GHVDC_CAD\WIE11386-100-00-2600 - Highway Standard Details.dwg