LTA1 CONSTRUCTION AREAS LEGEND

KEY:–

Footway Construction (Combination of)
Marshalls 600 x 900 x 50 thick and 600 x 600 x 50 and 450 x 450 x 50 thick Conservation Smooth Ground Concrete paving silver grey in colour on 30mm proprietary mortar bedding on 150mm Type 1 GSB and 250mm thick type 6F1, 6F2, 6F4 OR 6F5.

Bituminous Cycle Lane Construction
20mm AC6 dense surf 70/100pen (To be light grey in Colour.)
50mm AC20 dense bin 70/100pen
150mm granular sub base (type 1)
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%.

Bituminous Carriageway Construction
40mm HRA 30/14F Surface Course 40/60 With 20mm Precoated Chippings.
60mm AC20 Dense HDM 40/60 Binder Course 40/60 to BS EN 13108–1
200mm AC32 Dense HDM Base 40/60 to BS EN13108–1
150mm Type 1 Granular material subbase to clause 803 of The Specification for Highway Works.
600mm Type 6F2 Capping (Thickness of Capping to be confirmed after results of CBR's obtained at Formation level) with 2.5m long x 125mm upstand ramps constructed in granite sett paving.

Bituminous Carriageway Construction
40mm AC10 Close Surf 40/60 to BS EN13108–1 PSV 55+ Max AW14.
60mm AC20 Dense HDM Binder Course 40/60 Bin 40/60 to BS EN13108–1.
200mm AC32 Dense HDM Base Course to BS EN13108–1
150mm Type 1 Granular Type 1 material subbase to clause 803 of The Specification for Highway Works.
600mm Type 6F1 or 6F2 (site won) or 6F4 or 6F5 (imported) Capping (Thickness of Capping to be confirmed after results of CBR's obtained at Formation level)

Bituminous Footway Construction
20mm AC6 dense surf 70/100 to BS EN13108–1
50mm AC20 dense bin 70/100 to BS EN13108–1
150mm lean mix concrete.
150mm type 1 GSB beneath the lean mix if the CBRs are less than 5% or 75mm if the CBRs are more than 5%

Areas of Soft Landscaping Construction
Details of proposed landscaping as per Landscape Architects drwings.

Areas of Hard Landscaping Construction
Details of proposed landscaping as per Landscape Architects drwings.

Proposed Overrun Area, Ramp to Magic Carpet & Rumble Strips
Overrun – 150mm x 150mm granite setts laid on 25mm mortar bedding on 150mm thick Class E concrete foundation laid on 150mm thick type 1 sub base and 600mm thick Type 6F2 capping. Over run strip delineated from carriageway by by 145 x 145 Marshalls texture kerbing laid flush.
Magic Carpet Ramp and Rumble Strip – See drawing number CIV15119-SA-90-0418 for details.

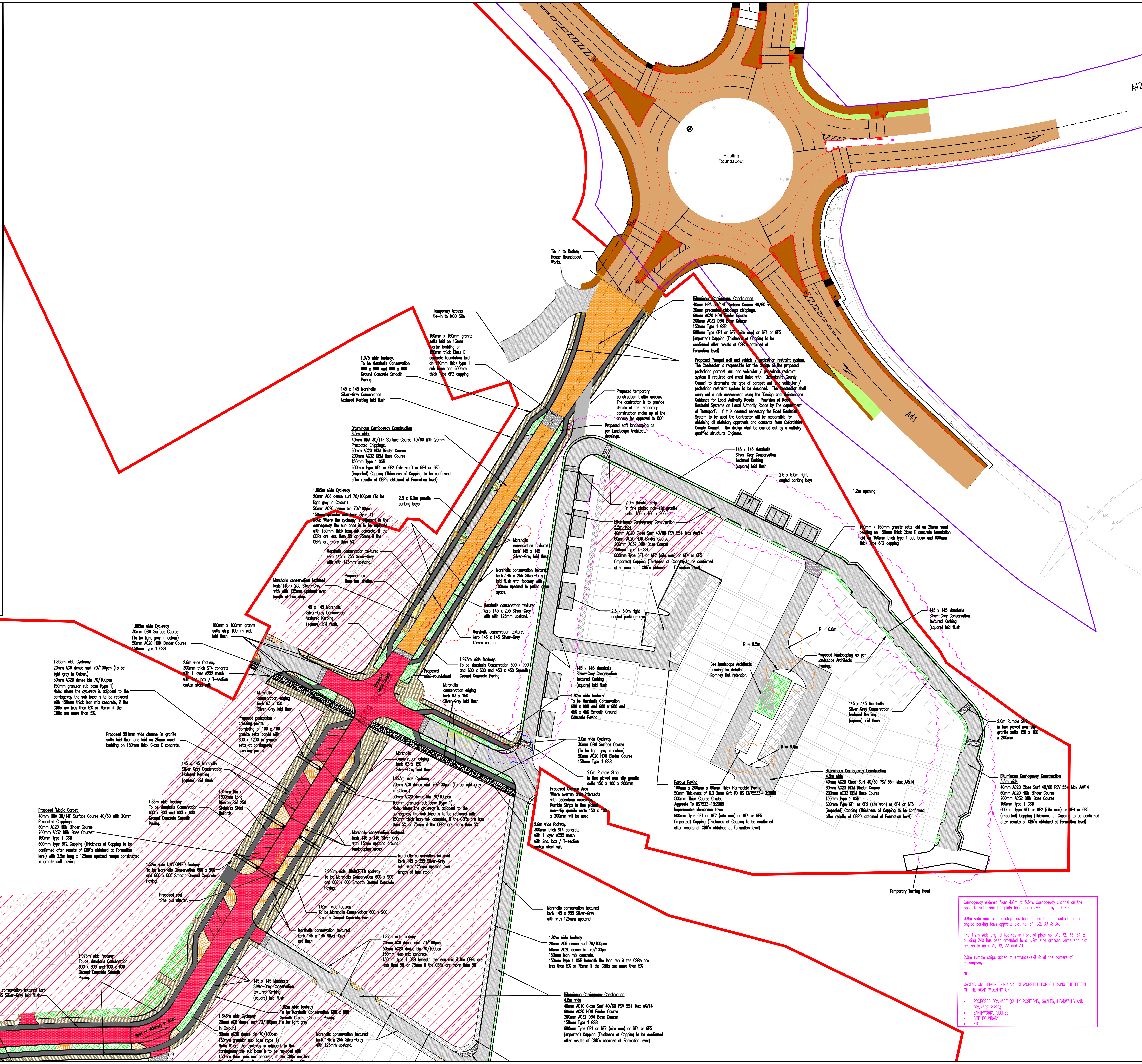
Proposed Porous Paving
100mm x 200mm x 80mm thick permeable paving setts laid on 50mm grit bedding on 500mm thick Clacourse graded aggregate laid on an Impermeable membrane layer laid on 600mm Type 6F1 or 6F2 (site won) or 6F4 or 6F5 (imported) Capping (Thickness of Capping to be confirmed after results of CBR's obtained at Formation level)

Proposed Concrete Footway
2.6m wide footway.
300mm thick ST4 concrete with 1 layer A252 mesh with 2no. box / T-section corten steel rails.

Proposed Tactile Paving
400 x 400 x 50 thick tactile paving, buff in colour. Dropped kerbing to be provided at all pedestrian crossing points with tactile paving.

Ribbed Corduroy Tactile Blocks

Phase 1a Construction Boundary



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.

This drawing is the property of Waterman Infrastructure & Environment Limited, and the drawing is issued on the condition that it is not copied reproduced, retained or disclosed to any unauthorised person, either wholly or in part without the consent in writing of Waterman Infrastructure & Environment Limited
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 ENGINEER'S, ARCHITECT'S 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.

Works limited to site clearance, earthworks and ground profiling only

Phase 1A Construction Boundary

Rev	Date	Description	By
E10	27.04.17	FOOTWAY EAST OF MINI ROUNDABOUT MATERIAL AMENDED FROM BITUMINOUS TO BLOCK PAVING. REFER TO REV CLOUD IN RED. ISSUED FOR CONSTRUCTION & SECTION 38	KK
E09	25.04.17	KERB UPSTAND AMENDED AT VILLAGE ENTRANCE FROM 15mm to 125mm UPSTAND, REFER TO REVISION CLOUD IN RED. ISSUED CONSTRUCTION & SECTION 38	KK
E08	04.04.17	ISSUED FOR SECTION 38	KK
E07	04.04.17	CAR PARK ENDS AMENDED TO ALLOW LARGE REFUSE VEHICLE ACCESS & EGRESS. REFER TO ORANGE REV CLOUD FOR SPECIFIC DETAILS	KK
E06	03.04.17	OVERRUN AREAS THAT INTERSECT WITH PEDESTRIAN CROSSINGS, SURFACE HAS CHANGED FROM CARRIAGEWAY CONSTRUCTION TO FINE PICKED NON–SLIP GRANITE SETTS. REFER TO REVISION CLOUDS COLOURED BLUE FOR SPECIFIC AREAS	KK
E05	24.03.17	ISSUED FOR SECTION 38	KK
E04	10.03.17	ISSUED FOR PLANNING	KK
E03	07:03:17	AMENDED TO SUIT OCC COMMENTS – PLEASE SEE REVISION CLOUD AND BOXED COMMENTS IN MAGENTA.	KK
E02	20:02:17	CYCLEWAY AT LEFT HAND SIDE OF MINI ROUNDABOUT AMENDED TO 1.895m. NOTE ADDED TO DRAWING	KK
E01	07.02.17	ISSUED FOR CONSTRUCTION	TH
C14	07.02.17	ISSUED FOR PLANNING	AJ
C13	31.01.17	CARRIAGEWAY WIDENED TO 6.5M AT VILLAGE ENTRANCE AND VILLAGE HIGH STREET AND TWO WAY BUS ROUTES. CYCLEWAY WIDTHS INCREASED. FOOTWAY WIDTHS AMENDED. SPLAYS ADDED TO PARALLEL PARKING BAYS. CORDUROY PAVING ADDED TO CYCLE WAYS. ECHELON PARKING AMENDED, FOOTWAY EXTENDED TO MEET RODNEY HOUSE ROUNDABOUT TIE IN. CYCLEWAY AMENDED AT MINI ROUNDABOUT, SPEED TABLE MOVED BACK TO END OF CYCLEWAY. FOOTWAY EXTENDED ROUND THE CORNER AT BOTTOM OF SWALE PARK. PEDESTRIAN CROSSING POINTS ADDED TO HIGH STREET	KK
C12	15.12.16	2.5m FOOTWAY ADDED AT ENTRANCE	KK
C11	06.12.16	CARRIAGEWAY WIDTH AMENDED TO 6.2m ON VILLAGE ENTRANCE	KK
C10	26.10.16	RODNEY HOUSE ROUNDABOUT LAYOUT ADDED	AG
C09	13:09:16	KEY AMENDED, TEMPORARY TURNING HEADS ADDED BUS STOP LOCATIONS ADDED. KASSEL KERB AT BUS STOPS REVISED TO 145 x 255 CONSERVATION KERBING. 450 x 450mm SLABS AMENDED TO 600 X 600mm. CYCLEWAY CONSTRUCTION AMENDED. 25mm SAND BEDDING IN OVERRUN AREAS AMENDED TO 25mm MORTAR BEDDING. LIMESTONE CHIPPINGS REMOVED FROM BITUMINOUS FOOTWAY CONSTRUCTION. ISSUED FOR TENDER.	KK
C08	07:07:16	ISSUED FOR TENDER	KK
C07	20:06:16	CAR PARKING ON HIGH STREET AMENDED TO ECHELON	AJ
C06	13.05.16	REVISED MASTERPLAN ADDED, CONSTRUCTION AREAS AMENDED, ISSUED FOR TENDER	AJ
C05	04.04.16	MASTERPLAN UPDATED	KK
C04	29.03.16	KEY UPDATED TO SHOW POROUS PAVING, GENERAL AMENDMENTS	AG
C03	11.03.16	MASTERPLAN UPDATED, BUS STOP AMENDED. POROUS PAVING AND TACTILE PAVING ADDED, TEMPORARY CONSSTRUCTION TRAFFIC ACCESS ADDED, ISSUED FOR TENDER.	AJ
C02	22.02.16	MAGIC CARPET AREAS AMENDED, RUMBLE STRIPS ADDED	AG
C01	12.02.16	ISSUED FOR TENDER	KK
A08	25.01.15	MASTERPLAN UPDATED. CONSTRUCTION AREAS AMENDED	AJ
A07	21.12.15	MASTERPLAN UPDATED,	AG
A06	23.09.15	BITUMINOUS CARRIAGEWAY CONSTRUCTION AMENDED	AG
A05	21.09.15	CARRIAGEWAY CONSTRUCTION, FOOTWAY CONSTRUCTION, MAGIC CARPET CONSTRUCTION, FOOTWAY WIDTHS AND KERB TYPES AMENDED	AJ
A04	22.06.15	AMENDED TO REFLECT MASTERPLAN 8 ISSUED FOR COSTING	AJ
A03	28.04.15	NOTES REVISED, ISSUED FOR COMMENT	AJ
A02	23.04.15	NOTES ADDED, CONSTRUCTION AREAS REVISED	AJ
A01	13.04.15	FIRST ISSUE	AJ

Amendments

Project
GRAVEN HILL, BICESTER

Title
CONSTRUCTION PHASE 1a CONSTRUCTION AREAS SHEET 1 OF 3

Client
GRAVEN HILL VILLAGE DEVELOPMENT COMPANY LIMITED

Waterman

5th Floor One Cornwall Street Birmingham B3 2JN
t 0121 212 7700
mail@watermangroup.com www.watermangroup.com

Drawing Status
CONSTRUCTION

Designed by	AG	Checked by	AJ	Project No	CIV15119
Drawn by	KK	Date	APRIL 2015		
Scales @ A0 work to figured dimensions only	1:500			Computer File No	CIV15119-C-SA-90-0412_0414 Construction Areas_E10.dwg

Publisher	Zone	Category	Number	Revision
C	SA	90	0412	E10

File Path \\s-bmlwtdl\Projects\CIV 15000 Series\15119 LD - Graven Hill MOD Site, Bicester\CAD\90\LTA 1A\

A0-Wat-S, CIV15119CSA90_0301_General Arrangement, CIV15119CSA90_408_411_ S38 CONSTRUCTION AREAS XREF 1 TO 3_Masterplan 170121 LTA1 Phase 1a_6.5m Wide Carriageway_E09, Proposed Masterplan _160401_LT1_Reserved Matters, Proposed Masterplan_160627_LT1_New Echelon Parking_6.5m wide_car park amended (04.04.17), Topo_20338_Rodney_Provisional_141125 grey, X278-ROAD_160426