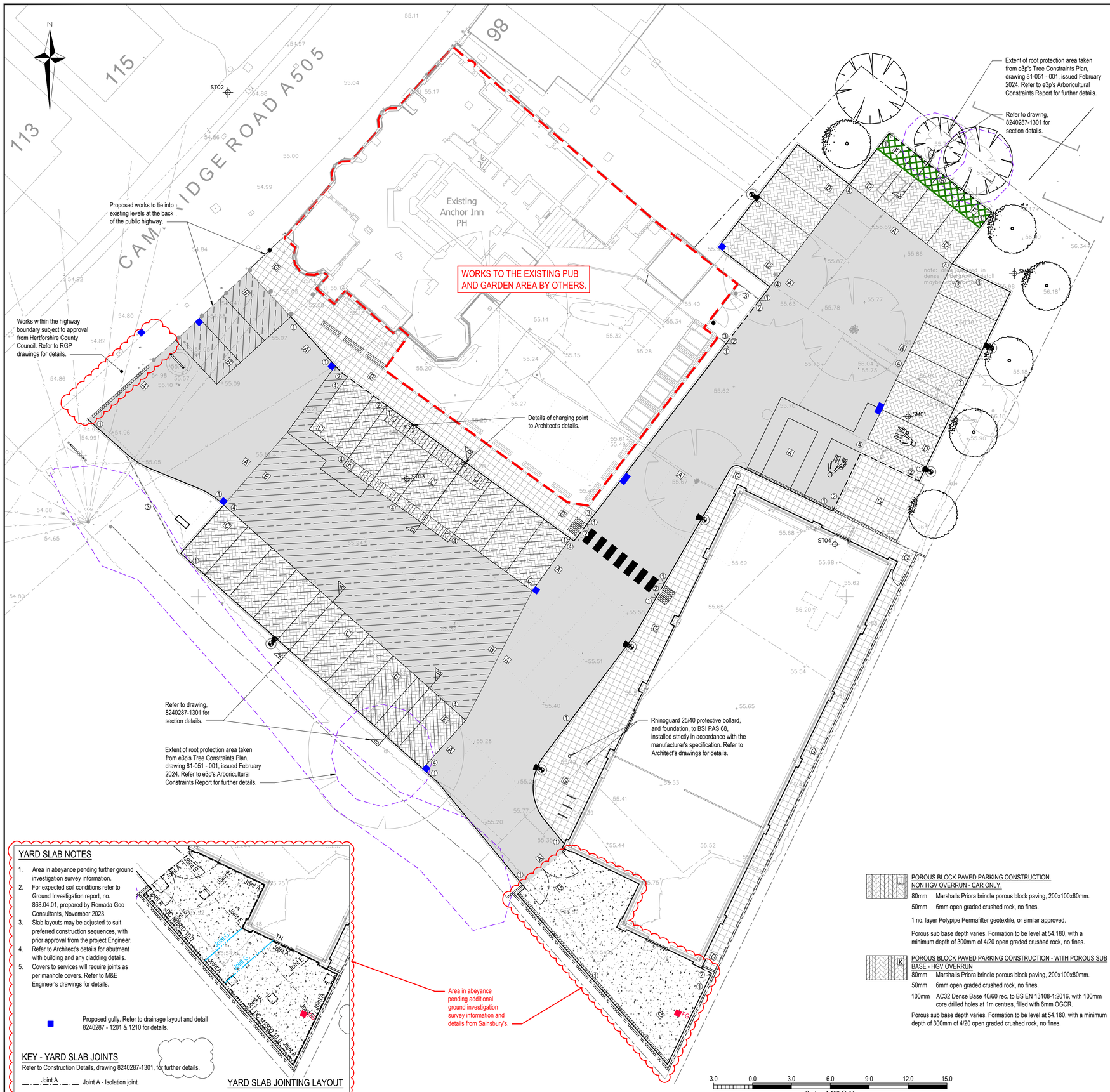


KEY

- ① Type 1 - Proposed 125x255mm precast concrete kerbs, Type HB2, laid with 125mm upstand unless noted otherwise.
- ② Type 2 - Proposed 125x150mm precast concrete bullnosed kerb, Type BN, laid with 0-6mm upstand at pedestrian crossings and with variable upstand where noted to enable smooth pedestrian paved area above.
- ③ Type 3 - Proposed 50x150mm precast concrete edging, Type EF, laid flush with adjacent surfaces.
- ④ Type 4 - Soldier course edge restraint to permeable block paved parking areas.
- ⑤ Type 5 - Treated timber edging twice nailed to each peg. Pegs to be 50x50x450mm long at 900mm centres. All timber to be treated, cut ends to be treated prior to installation.
- Transition kerb, left or right hand transitions to be used as appropriate.
- Parking bay demarcation. Refer to Architect's drawings for details of demarcations.
- Proposed corduroy tactile paving. 400x400x50mm Marshalls corduroy tactile precast concrete paving.
- Proposed lighting column. Refer to Architect's drawings for details.
- Proposed linear drainage channel. Refer to drainage layout and details drawings, 8240287 - 1201 & 1210 for details.
- Proposed gully. Refer to drainage layout and details drawings, 8240287 - 1201 & 1210 for details.

CONSTRUCTION KEY

[A] HEAVY DUTY ASPHALT CONSTRUCTION
- 40mm HRA 55/10 F surf 40/60 rec. to BS EN 13108-4:2016.
- 60mm AC20 Dense Bin 40/60 rec. to BS EN 13108-1:2016.
- 100mm AC32 Dense Base 40/60 rec. to BS EN 13108-1:2016.
- 150mm Type 1 Sub-base to MCHW1 Series 800.
- 350mm 6F2/6F5 Capping to MCHW1 Series 800, with 1 No. layer of Tensar InterAx geogrid, TPB-1795, laid at formation.

[B] HEAVY DUTY ASPHALT CONSTRUCTION - POROUS SUB BASE
- 40mm HRA 55/10 F surf 40/60 rec. to BS EN 13108-4:2016.
- 60mm AC20 Dense Bin 40/60 rec. to BS EN 13108-1:2016.
- 100mm AC32 Dense Base 40/60 rec. to BS EN 13108-1:2016.

Porous sub base depth varies. Formation to be level at 54.180, with a minimum depth of 300mm of 4/20 open graded crushed rock, no fines.

[C] POROUS BLOCK PAVED PARKING CONSTRUCTION - WITH PERMAVOID SUB BASE REPLACEMENT AND POROUS SUB BASE. NON HGV OVERRUN - CAR ONLY.
- 80mm Marshalls Priora brindle porous block paving, 200x100x80mm.
- 50mm 6mm open graded crushed rock, no fines.
- 1 no. layer Polypipe Permafilter geotextile, or similar approved.
- 300mm 2 No. layers of 150mm Polypipe Permavoid sub base attenuation crates.
- 1 no. layer Polypipe Permafilter geotextile, or similar approved.
- 50mm 6mm open graded crushed rock, no fines.
- 1 no. layer Polypipe Permafilter geotextile, or similar approved.

Porous sub base depth varies. Formation to be level at 54.180, with a minimum depth of 300mm of 4/20 open graded crushed rock, no fines.

[D] POROUS BLOCK PAVED PARKING CONSTRUCTION
- 60mm Marshalls Priora brindle porous block paving, 200x100x60mm.
- 50mm 6mm open graded crushed rock, no fines.
- 350mm 4/20 open graded crushed rock, low fines.
- 1 Layer Marshalls MG15 stabilisation grid, or similar approved.
- 1 Layer Marshalls MT120 filtration textile, or similar approved.

[E] NO-DIG - POROUS BLOCK PAVED PARKING - HGV OVERRUN
- 80mm Marshalls Priora brindle porous block paving, 200x100x80mm.
- 50mm 6mm open graded crushed rock, no fines.
- 70mm AC32 Dense Base 40/60 rec. to BS EN 13108-1:2016, with 100mm core drilled holes at 1m centres, filled with 6mm OGCR.
- 1 Layer Treetex geotextile separation and protection membrane.
- 175mm Cellweb TRP 150 cellular confinement system, filled with 4/20 clean angular stone, low fines. Cellweb system to be overfilled by 25mm for an overall depth of 175mm.
- 1 Layer Treetex geotextile separation and protection membrane.

[F] NO-DIG - POROUS BLOCK PAVED PARKING CONSTRUCTION
- 60mm Marshalls Priora brindle porous block paving, 200x100x60mm.
- 50mm 6mm open graded crushed rock, no fines.
- 1 Layer Treetex geotextile separation and protection membrane.
- 125mm Cellweb TRP 100 cellular confinement system, filled with 4/20 clean angular stone, low fines. Cellweb system to be overfilled by 25mm for an overall depth of 125mm.
- 1 Layer Treetex geotextile separation and protection membrane.

[G] FLAG PAVED FOOTWAY CONSTRUCTION
- 70mm Marshalls Saxon textured natural paving slabs, 450x450x70mm, refer to Architect's details.
- 25mm Sharp sand to BS 7533-3 Category II of Annex. D.
- 150mm Type 1 Sub-base to MCHW1 Series 800.

[H] DELIVERY YARD SLAB CONSTRUCTION
- 225mm* Air entrained C40 concrete yard slab with 2 No layers of A393 reinforcement mesh, laid top and bottom, with 75mm cover.
- 1 Layer 1200 gauge polythene slip membrane.
- 30mm Sand blinding, 30mm after compaction.

Sub base and capping in accordance with Table 1**.

*Any equipment requiring a thicker base to have upstand plinth. Architect to confirm requirement.
** Yard slab area in abeyance pending further geotechnical information.

[J] POROUS BLOCK PAVED PARKING CONSTRUCTION. NON HGV OVERRUN - CAR ONLY.
- 80mm Marshalls Priora brindle porous block paving, 200x100x80mm.
- 50mm 6mm open graded crushed rock, no fines.
- 1 no. layer Polypipe Permafilter geotextile, or similar approved.

Porous sub base depth varies. Formation to be level at 54.180, with a minimum depth of 300mm of 4/20 open graded crushed rock, no fines.

[K] POROUS BLOCK PAVED PARKING CONSTRUCTION - WITH POROUS SUB BASE - HGV OVERRUN
- 80mm Marshalls Priora brindle porous block paving, 200x100x80mm.
- 50mm 6mm open graded crushed rock, no fines.
- 100mm AC32 Dense Base 40/60 rec. to BS EN 13108-1:2016, with 100mm core drilled holes at 1m centres, filled with 6mm OGCR.

Porous sub base depth varies. Formation to be level at 54.180, with a minimum depth of 300mm of 4/20 open graded crushed rock, no fines.

NOTES

1. This drawing is to be in conjunction with all relevant documents and specifications.
2. Refer to the Architect's drawings for exact dimensions and setting out of the building.
3. Any discrepancies between the information shown on this drawing and any other drawing or specification should be reported to the Engineer immediately and prior to the commencement of works on site.
4. Existing levels shown are taken from the topographical survey prepared by Midland Survey Ltd, 39506G, dated August 2023.
5. Refer to the Detailed Planting Plan, J230417-GC-L-DR-4-101, by Ground Control Ltd, for details of all soft landscaping and unspecified hard landscaped areas, including the proposed locations of root barriers.
6. Refer to the Architect's detailed drawings for all proposed bollards, lighting, white line markings, street furniture, signage, fencing and boundary treatments.
7. All works within the highway boundary are subject to approval by Hertfordshire County Council. Refer to drawings prepared by RGP.
8. The contractor is responsible for arranging the inspection for all tie in works to the highway area with the relevant local authority.
9. A recommended design CBR of value of 2.5% has been used in the design of the hard paved areas, in accordance with the site investigation report and subsequent guidance provided by Remada Ltd.
10. Unless specifically noted otherwise, Clauses and Tables refer to The Specification for Highways Works (SFHW): Volume 1 of the Manual of Contract Documents for Highways Works.
11. Proposed precast concrete kerbs are to comply with BS EN 1340.
12. All services and utility covers are to be set parallel to adjacent buildings/kerb lines as appropriate and be paved in covers matching the adjacent paving material and joint alignment.
13. It is the contractors responsibility to ensure that all existing services and drainage are clearly identified and marked out on site prior to the commencement of works and suitable protected as applicable.
14. All details of signs / sign bases to Architects's drawings. Sign foundations shall be installed below finished level to allow for paving over base.

TABLE 1

CBR %	Sub Base Thickness	
	Type 1	Capping
CBR<2.5	By Specialist Design	
2.5<CBR<5	150	350
5<CBR≤15	250	-
15<	150	-

NB. Contractor to allow for excavation to 250mm above formation level, proof rolling and carrying out in-situ CBR testing. Report results and adjust pavement foundation in accordance with Table 1.

YARD SLAB NOTES

1. Area in abeyance pending further ground investigation survey information.
2. For expected soil conditions refer to Ground Investigation report, no. 868.04.01, prepared by Remada Geo Consultants, November 2023.
3. Slab layouts may be adjusted to suit preferred construction sequences, with prior approval from the project Engineer.
4. Refer to Architect's details for abutment with building and any cladding details.
5. Covers to services will require joints as per manhole covers. Refer to M&E Engineer's drawings for details.

■ Proposed gully. Refer to drainage layout and detail 8240287 - 1201 & 1210 for details.

KEY - YARD SLAB JOINTS

Refer to Construction Details, drawing 8240287-1301, for further details.

Joint A - Isolation joint.

YARD SLAB JOINTING LAYOUT

Rev.	Description	Date	By	Chkd
T2	Notes updated. Construction types J & K added. Section D-D markers added, refer to construction details drawing for section.	17/05/2024	MM	KR
T1	First Tender issue for comment and review.	30/04/2024	MM	LM

Glanville
Survey > Plan > Engineer
Civil Engineering · Highways Engineering · Structural Engineering · Building Surveying · Transport Planning · Geomatics
Hertfordshire | Oxfordshire | Cambridgeshire | Bristol

Client : GREENE KING BURY ST EDMUNDS

Project : The Anchor Inn, Hitchin

Title : External Works Layout

Engineer : L. Moxon | Date : April 2024

Director : K. Rayner | Scale : 1:150 @ A1

Status : TENDER

Drawing No. 8240287 - 1001 | Rev T2