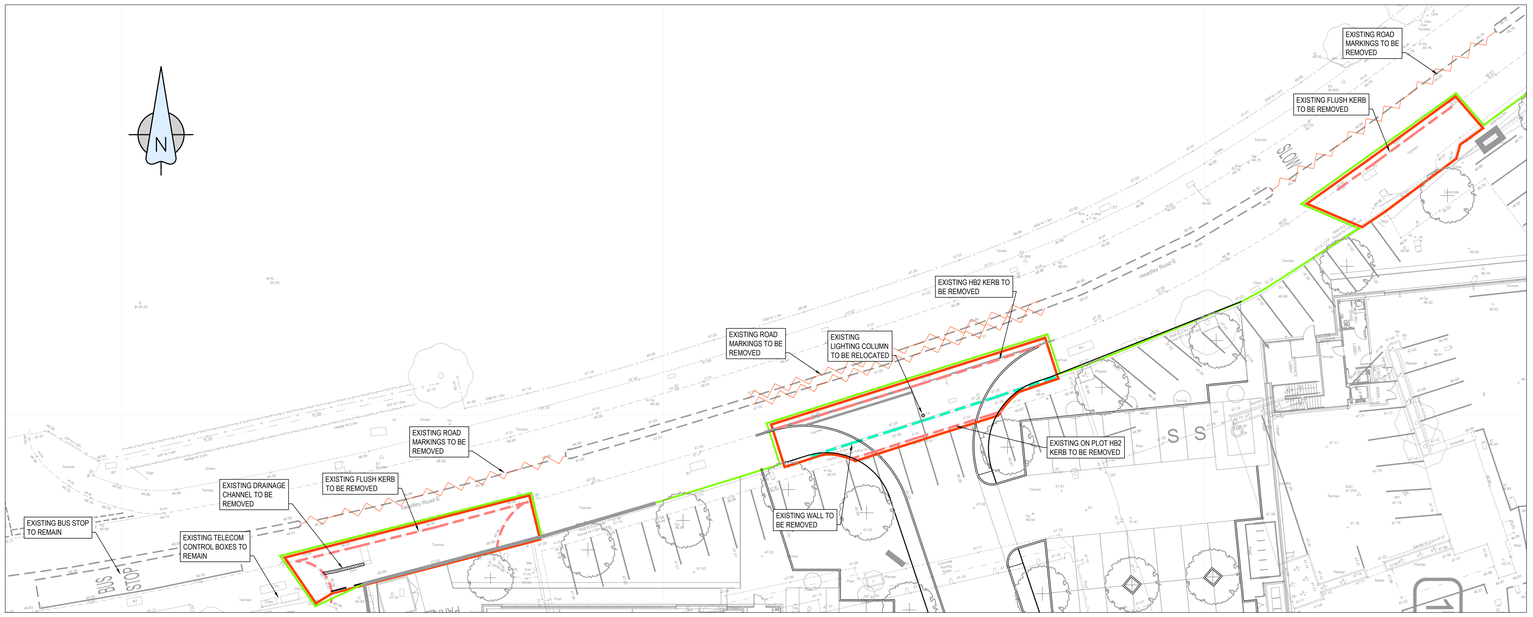
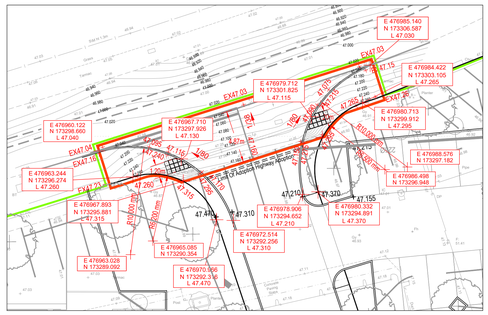
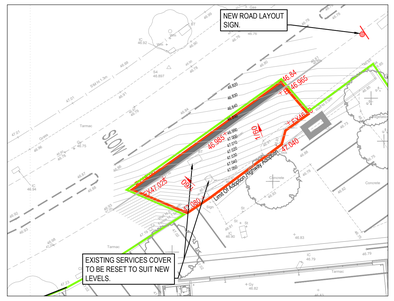
© 2023 Baynham Meikle

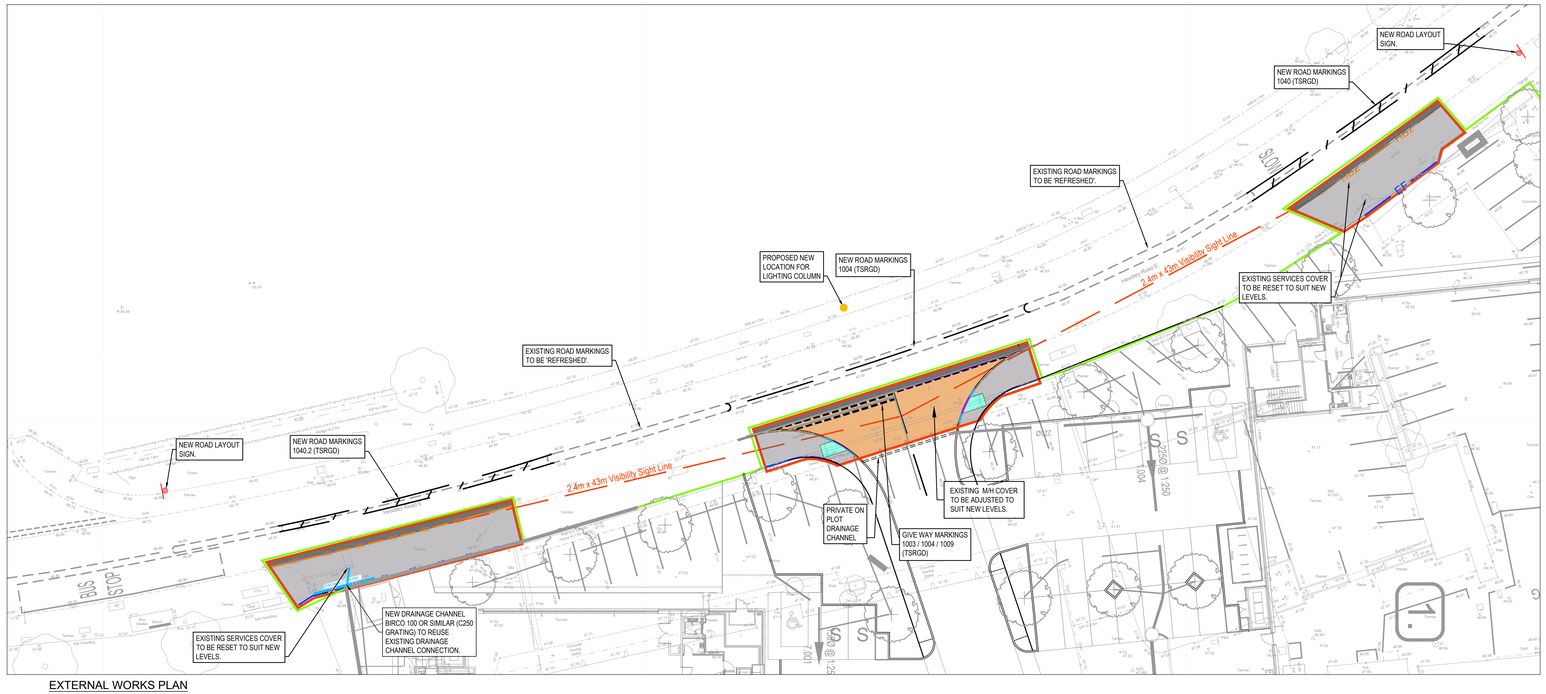


SITE CLEARANCE

PROPOSED LEVELS







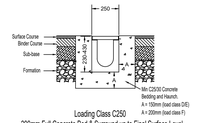
EXTERNAL WORKS PLAN

1 : 200 — 0m 2m 4m 6m 8m 10m 12m 14m 16m 18m 20m; 0 mm 10 mm 20 mm 30 mm 40 mm 50 mm 60 mm 70 mm 80 mm 90 mm 100 mm

CHECK: For the plan to be in scale, the above scale bar must measure correct, i.e. 100mm when printed.

KEY

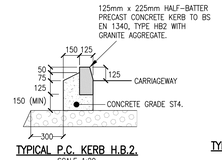
- S278 Boundary
- Development Area Boundary
- Proposed New Carriageway Construction
- Proposed Footpath
- Proposed Carriageway Reinstatement
- Proposed Tactile Crossing
- Proposed Street Lighting Column (subject to Specialist design & Highways approval)
- Proposed Temporary 'New Road Layout' Sign
- 46.500+ Proposed Level
- EX46.500+ Proposed Level To Remain As Existing
- HB2 — 125mm x 255mm Proposed Half Battered type HB2 Kerb
- BN1 — 125mm x 255mm BN1 Bullnosed Kerb
- EF — 50mm x 150mm Proposed EF Flat top edging Kerb
- TK — Proposed Transition Kerb
- Existing Road Markings To Be Removed



Loading Class C250
200mm Full Concrete Bed & Surround up to Final Surface Level.
Steel Heavy Duty Protective Covers - Loading Class E600.

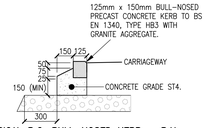
TYPICAL BIRCO 100 DRAINAGE CHANNEL

SCALE 1:20



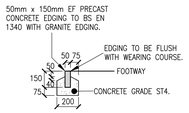
TYPICAL P.C. KERB H.B.2.

SCALE 1:20



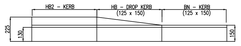
TYPICAL P.C. BULL-NOSED KERB – B.N.

SCALE 1:20



TYPICAL P.C. EDGING E.F.

SCALE 1:20

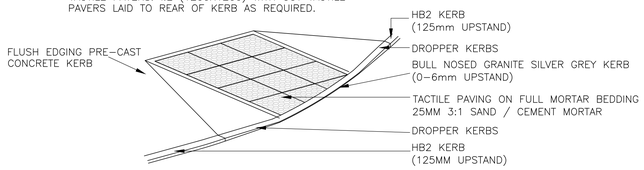


DROP KERB DETAIL

SCALE 1:20

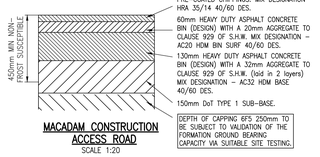
NOTE: TACTILE PAVERS ARE TO BE ALIGNED WITH THE DIRECTION OF CROSSING. THE CROSSING NORMALLY COMPRISES OF A MINIMUM OF 3 ROWS OF 3 UNCUT TACTILE PAVERS. I.E (1200X1200) WITH CUT TACTILE PAVERS LAID TO REAR OF KERB AS REQUIRED.

NOTE:
BLOCK WORK AND TACTILE PAVING IS TO BE BED ON A MORTAR SAND / CEMENT MIX AND TO BE ABLE TO WITHSTAND LOADINGS FROM CHERRY PICKERS.



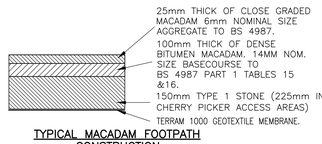
TYPICAL TACTILE PAVING CONSTRUCTION DETAIL

SCALE 1:25



MACADAM CONSTRUCTION ACCESS ROAD

SCALE 1:20



TYPICAL MACADAM FOOTPATH CONSTRUCTION

SCALE 1:20

CARRIAGEWAY SUB-BASE ON CAPPING

CBR (%)	Subbase on Capping (mm)		Subbase Only (mm)
	Subbase	Capping	
	Ground Stabilisation		Ground Stabilisation
≤2.5	350	250	450
2.6 – 2.9	350	250	450
3.0 – 3.9	320	240	400
4.0 – 4.9	270	220	360
5.0 – 5.9	240	210	330
6.0 – 7.9	210	200	300
8.0 – 9.9	200	180	270
10 – 11.9	180	180	250
12.0 – 14.9	170	160	230
15 0r	150	150	200

(figures used in the table above have been extracted from figures 3.1 and 3.2 of IAN 73/06 Rev.1)

CBR TABLE

Notes

A0

1. All Baynham Meikle drawings are to be read in conjunction with all relevant documents, specifications, Architectural and Services drawings, and all other relevant drawings. Any discrepancies found between these drawings, by the Contractor, should be reported immediately and prior to the initiation of any affected work on site.
2. All dimensions to be in accordance with the Architect's drawings.
   Any setting out shown on Baynham Meikle drawings to be checked against the Architect's latest drawings.
3. The Contractor is responsible for ensuring all dimensions, levels and setting out on site are correct.
4. Do not scale from this drawing.
5. All dimensions are in millimetres unless noted otherwise
6. This drawing may use colour to differentiate between various elements and therefore should always be viewed in colour.
7. All work to be constructed in accordance with MCHW for highway works & Wokingham Brough Council: Living Streets, Highway Design Code (Latest Edition).
8. All road markings & signage to be in accordance with TSRGD (Latest Edition).
9. All road markings colouring to be in accordance with BS EN 1436 Table 6.
10. All road markings to tie into existing markings & work boundaries.
11. This drawing is subject to highways street lighting approval.
12. This drawing is subject to technical approval.

Rev	Date	Description	By	Chkd
C1	25/11/2024	Issued for Construction.	GH	NSB
P3	08/07/2024	Technically Approved	ASB	GH
P3	17/06/2024	Footpath crossing location amended.	GH	NSB
P2	13/06/2024	Up dated to WBC comments. Contract Proposals.	GH	NSB
T1	15/02/2024	For Tender	GH	NSB

Revision Schedule

Drawing Status: **For Construction**

Project Title: **Hurricane Urban Hub, Headley Road East, Reading**

Drawing Title: **Section 278 General Arrangement Plan**

Drawing Number: **13085/201** — Revision: **C1**

BM Ref	Scale @ A0	Drawn by	Checked by	Project Eng
13085	1 : 200	GH	NSB	NSB

BAYNHAM MEIKLE
Consulting Civil & Structural Engineers
0121 434 4100
admin@baynhammeikle.co.uk
www.baynhammeikle.co.uk