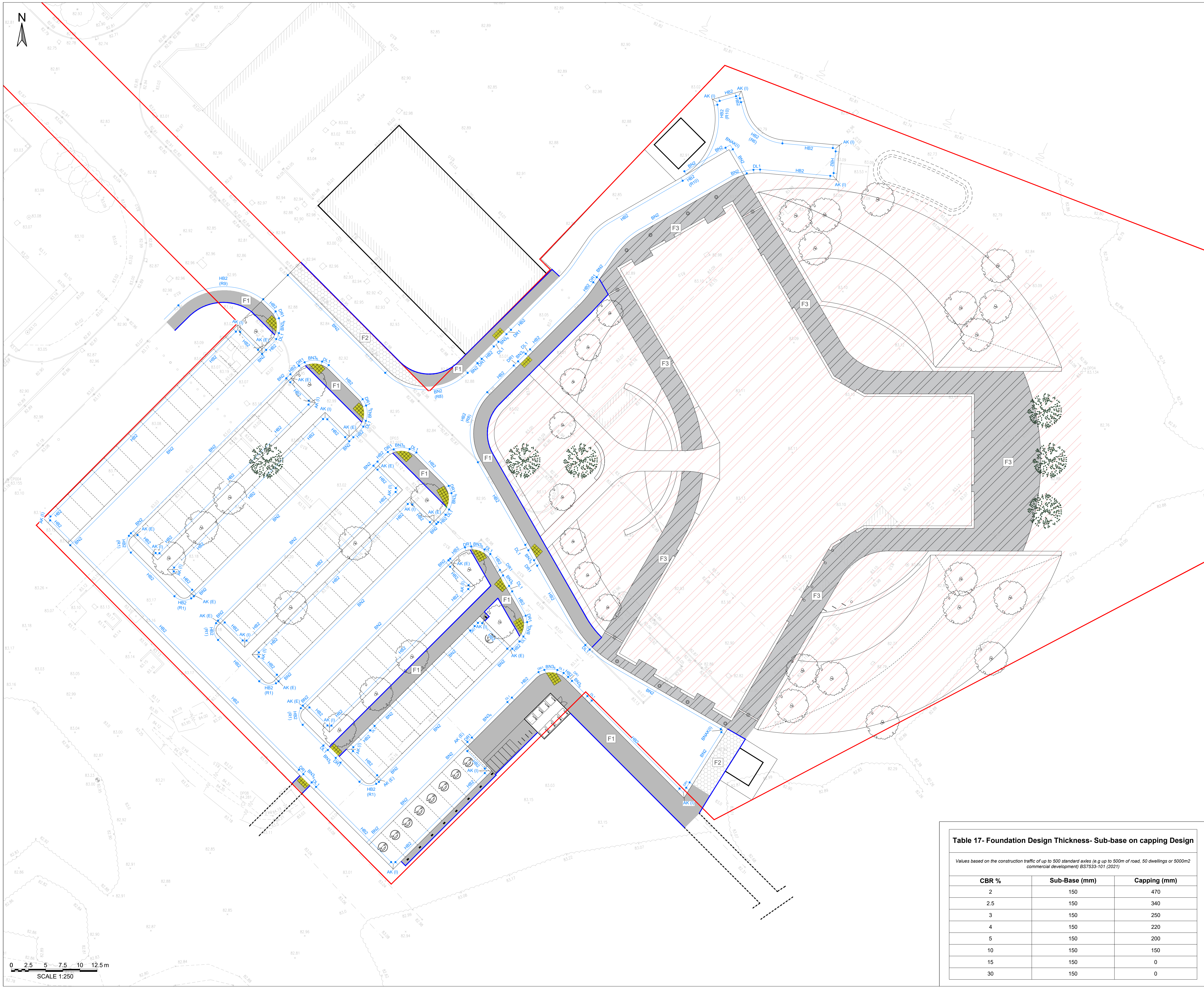




- Notes - Kerbs, footways and paved areas**
- General**
- Drawing to be read in conjunction with Series 1100 of Cumberland Council specification for highway works.
 - The following design standards have been used in the production of this design.
 - Cumberland Council current design standards
 - New road and Streetworks Act. 1991
 - All applicable building regulations
 - Refer to drawing 2600 for construction details.
- Kerbs & paving**
- The contractor to ensure that all transition kerbs are cut to suit adjacent kerbs to allow for a smooth tie in.
 - Except where otherwise specified precast concrete kerbs, channels, edgings and quadrants shall comply with BS 5328
 - Precast concrete kerbs laid between 12m and 21m radius shall either be the exact radius or straight kerbs of 600mm length.
 - No single kerb unit shall be less than 450mm in length unless specified otherwise.
 - PCC Tactile paving to be in accordance with BS EN 1339:2003.

KEY:

Refer to Hub design for more details

Red line boundary

F1 Full footway construction
Surface: 30mm AC6 Dense Surf 100/150 PSV 50
Binder: 50mm AC20 Dense Binder 100/150 DES
Sub-base: 150mm Type 1 unbound mixture sub-base

F2 Full footway construction - Vehicle Access
Surface: 30mm AC6 Dense Surf 100/150 PSV 50
Binder: 50mm AC20 Dense Binder 100/150 DES
Sub-Base: 225mm Type 1 unbound mixture sub-base

F3 Block Paving- Vehicular Loading
Laying Course: 80mm block paving laid in Herringbone pattern. Please refer to landscape architects plan for Colour. 2.6mm grit brushed into joints. Blocks to be laid on 30mm naturally occurring sand in accordance with BS 7533-101 Table 5.
Base Course: 80mm AC20 Dense Bin 40/60 des
Sub-base and Capping depending on CBR. Refer to table 17 in accordance with BS7533-101 guidance.

Kerb type and extents

HB2(R#) Radius of kerb (m) - omitted if straight

PCC kerbs

HB2 Half battered kerb - type HB2, 125x255mm (125mm kerb upstand)

DL1/DR1 Dropper kerb - type DL1/DR1, HB2 to BN3 (125mm-6mm kerb upstand)

BN2 Bullnosed kerb - type BN2, 125x255mm (6mm kerb upstand)

BN3₆ Bullnosed kerb - type BN3, 125x150mm (6mm max kerb upstand)

AK HB2 Angled Kerb (I) Internal / (E) External

BNAK BN2 Angled Kerb (I) Internal / (E) External

Edging - type EF 150mm x150mm (laid flush)

Tactile Paving
400x400x65mm Buff coloured Blister Tactile
25mm Laying course
100mm Type 1 subbase

FOR APPROVAL

P03	RIBA STAGE 4 - ISSUE FOR STAGE APPROVAL	20.09.2024	LJB	MB	LB
P02	MS AND RSA COMMENTS INCORPORATED	28.07.2023	LJB	MB	LB
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TETRA TECH

Client

CUMBERLAND COUNCIL

Project Name
CLEATOR MOOR INNOVATION QUARTER (CMIQ) HUB

Sheet Title
**STAGE 4
KERBS, FOOTWAYS AND PAVED AREAS**

TTE Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale @ A1	Suitability
784-B034942	LJB	May'23	MB	May'23	LB	May'23	1:250	S4

Client Project Number	Originator	Volume/System Level/Location	Type/Code	Role	Number	Revision
CMIQ	- TTE	- HUB	- ZZ	- DR	- H	- 1100
						P03

Table 17- Foundation Design Thickness- Sub-base on capping Design

Values based on the construction traffic of up to 500 standard axes (e.g up to 500m of road, 50 dwellings or 5000m2 commercial development) BS7533-101 (2021)

CBR %	Sub-Base (mm)	Capping (mm)
2	150	470
2.5	150	340
3	150	250
4	150	220
5	150	200
10	150	150
15	150	0
30	150	0