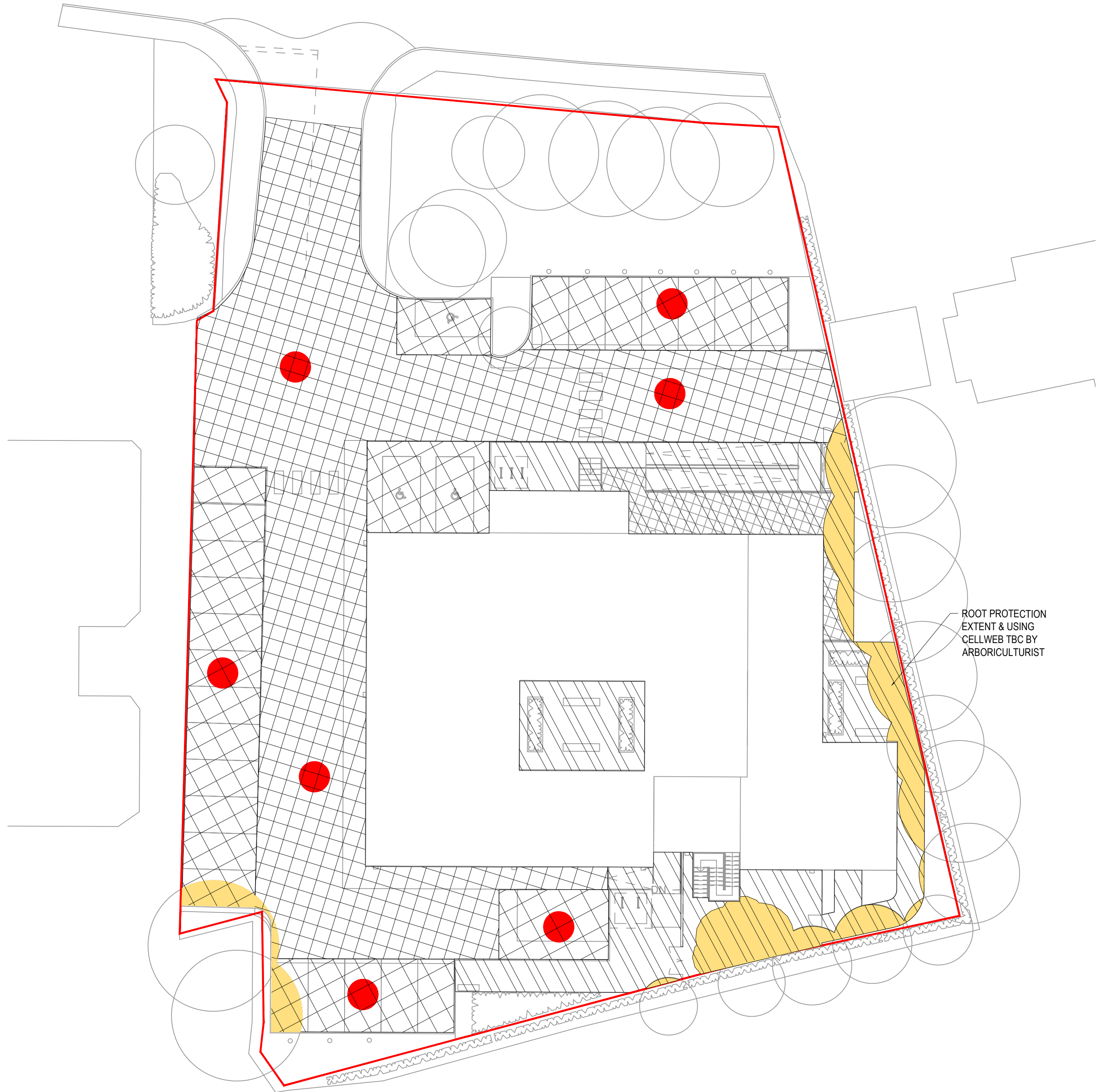
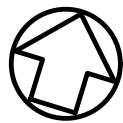




ROOT PROTECTION
EXTENT & USING
CELLWEB TBC BY
ARBORICULTURIST

KEY

- SITE BOUNDARY
- P01 PROPOSED ACCESS ROAD -
TARMAC (HEAVY VEHICLES)
- P02 PROPOSED CAR PARK BAYS -
PERMEABLE TARMAC (CARS ONLY)
- P03 PROPOSED FOOTWAY -
NATURAL STONE PAVING (VEHICLE
CATEGORY 4)
- ACCESS ROAD IN ROOT PROTECTION
CELLWEB SYSTEM
- CAR PARK BAYS IN ROOT PROTECTION
CELLWEB SYSTEM
- FOOTWAY IN ROOT PROTECTION CELLWEB
SYSTEM
- CBR & ROADCORES ARE REQUIRED TO
CONFIRM EXISTING ROAD AND CAR PARK
STRUCTURE ARE SUFFICIENT FOR
REQUIRED LOADING AND COMPLIANT WITH
REGULATION

RESURFACING THE ROAD AND CAR PARK,
SUITABILITY OF THE EXISTING ROAD
BUILD-UP HAS NOT BEEN ASSESSED AND
THEREFORE CURTINS CANT CONFIRM
MAXIMUM VEHICLE LOADING CAPABILITY
UNLESS CBR & ROADCORES ARE CARRIED
OUT AND ASSESSED

DRAWING BASED ON:

TOPOGRAPHICAL SURVEY

- 72968MCLS-01 TOPOGRAPHICAL SURVEY 24.04.25

CCTV SURVEY

- S26150-U CCTV SURVEY BY SEP DATED MAY 25

GPR SURVEY

- 72968NGUG-01 GPR SURVEY BY SURVEY SOLUTIONS DATED MAY 25

ARCHITECT'S PLANS

- WFLREF-GDA-V1-S1-DR-A-1002_P06_PROPOSED SITE
- WFLREF-GDA-V1-00-DR-A-1001_P04_PROPOSED GROUND FLOOR GA PLAN
- WFLREF-GDA-V1-R1-DR-A-2001_P01_PROPOSED ROOF PLAN

STRUCTURAL PLANS

- 087132-CUR-XX-GF-D-S-20001 P01 GROUND FLOOR GENERAL ARRANGEMENT

ROOT PROTECTION ZONE AREA TBC ONCE ABOROCULTURALIST REPORT
RECEIVED. SOME ADJUSTMENT TO DRAINAGE MAY BE REQUIRED

30mm SMA10 SURF 40/60 PD6691 ANNEX D
60mm AC20 DENSE BIN 40/60 DES, PD6691 ANNEX B
110mm AC32 DENSE BASE 40/60 DES PD6691 ANNEX B
200mm MIN. TYPE 1 SUB-BASE
250mm CAPPING BASED ON 5% CBR

DESIGNED IN ACCORDANCE WITH CD225
AND CD226
BASED ON 5% CBR& 1msa

P01 PROPOSED ACCESS ROAD -
TARMAC (HEAVY VEHICLES)

30mm AC 10 CLOSE SURF 100/150 BS EN 13108-1
60mm AC 20 DENSE BIN 100/150 BS EN 13108-1
100mm AC 32 DENSE BASE 100/150 BS EN 13108-1
260mm TYPE 1 SUB-BASE BASED ON 10% CBR

DESIGNED IN ACCORDANCE WITH MINERAL
PRODUCTS ASSOCIATION 'CONSTRUCTION &
SURFACING OF CAR PARKS' & 'DMRB CD225.'
DESIGN SUITABLE FOR CARS ONLY UP TO 1.8T

P02 PROPOSED CAR PARK BAYS -
TARMAC SURFACE - (CARS/VANS UP
TO 5T)

40mm GRANITE FLAG PAVING BY LANDSCAPE ARCHITECT.
LENGTH AND WIDTH TBC.
SURFACE COURSE (BOUND B)
40mm BEDDING TYPE 35 IN ACCORDANCE WITH TABLE 9 OF
BS7533
JOINT: TYPE 40 JOINTING MORTAR TO TABLE 12 OF BS7533
150mm BASE COURSE: C32/40 PAVEMENT QUALITY CONCRETE
230mm FOUNDATION TYPE 1 UNBOUND GRANULAR MATERIAL
SUB-BASE SHW803
TOTAL: 460mm
DESIGN STANDARD: BS 7533 PART 101 (2021)

P03 - PROPOSED FOOTWAY -
NATURAL STONE PAVING (VEHICLE DESIGN
CATEGORY 4)

20mm AC 6 CLOSE SURF 100/150 BS EN 13108-1
50mm AC 20 DENSE BIN 40/60 BS EN 13108-1
100mm MIN. TYPE 1 SUB-BASE

DESIGNED IN ACCORDANCE
WITH DMRB - CD239
BASED ON PEDESTRIAN LOADING
& 5% CBR

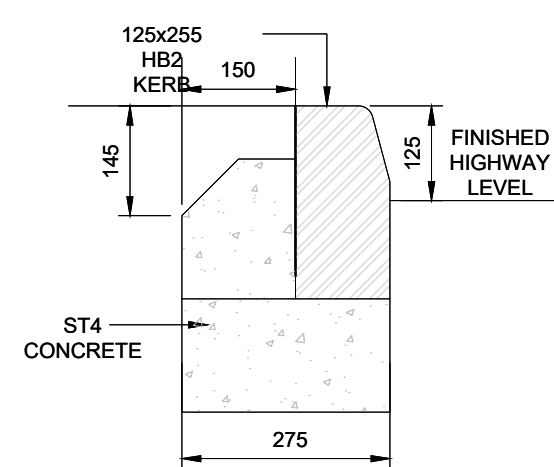
ALTERNATIVE BUILDUP
PROPOSED FOOTWAY -
TARMAC (PEDESTRIAN
LOADING)

20mm AC 6 CLOSE SURF 100/150 BS EN 13108-1
50mm AC 20 DENSE BIN 40/60 BS EN 13108-1
225mm MIN. TYPE 1 SUB-BASE
155mm CAPPING TO GIVE MIN. 450mm NON-FROST
SUSCEPTIBLE MATERIAL DEPTH

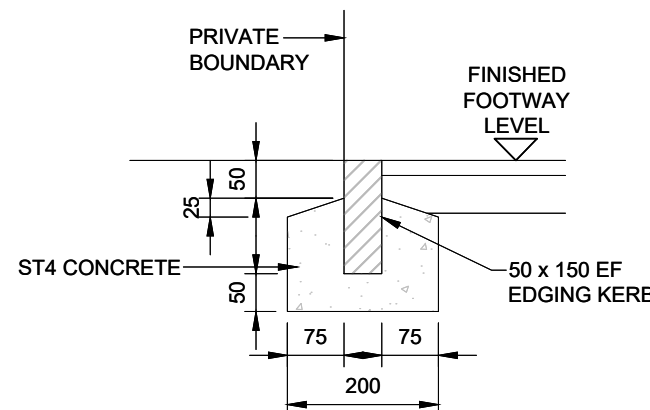
DESIGNED IN ACCORDANCE WITH DMRB -
CD239
BASED ON MEWP LOADING & 5% CBR

ALTERNATIVE BUILD-UP
PROPOSED FOOTWAY -
TARMAC (OCCASIONAL
LIGHT)

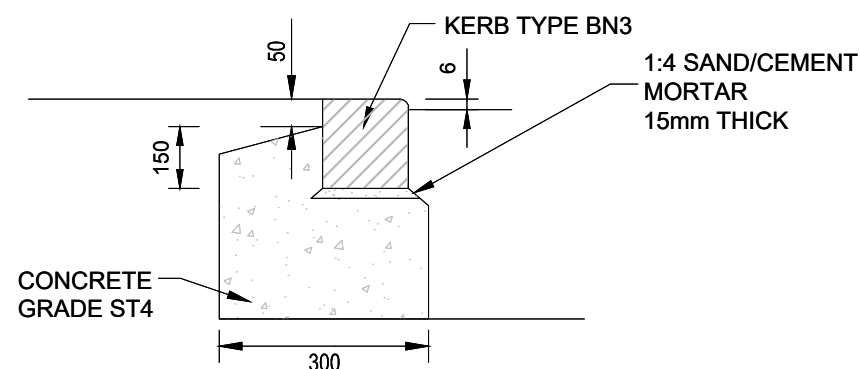
THE BUILD UP ARE SUITABLE FOR AREAS
WITH INFREQUENT MEWP ACCESS HOWEVER
TO AVOID AN DAMAGE TO THE SURFACE
COURSE, PROTECTION BOARDS SHOULD BE
USED. THIS SHOULD BE CAPTURED IN THE
O&M MANUAL AND ON FINAL CONSTRUCTION
DRAWINGS.



HALF BATTERED KERB - HB2
(NTS)

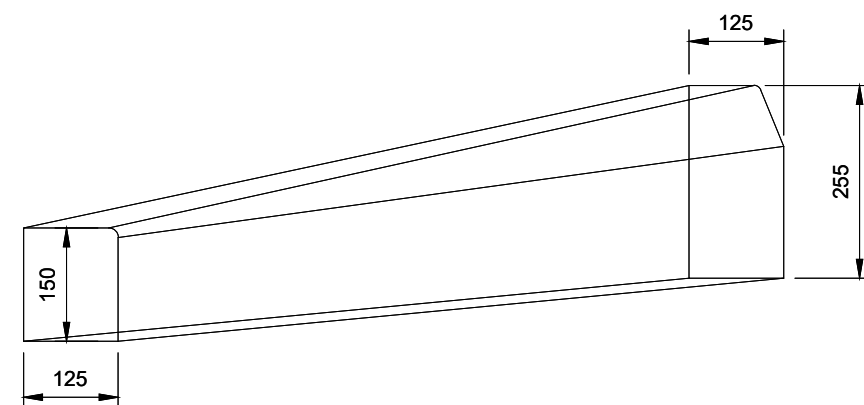


EK - EDGING KERB DETAIL
(NTS)



BN KERB DETAIL

KERB BASE, BACKING AND KERB LAID AT SAME TIME
(NTS)



TRANSITION KERB (HB- BN)
(NTS)

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT BRITISH STANDARDS AND BUILDING REGULATIONS.
- THE LANDSCAPE ARCHITECT'S DRAWING HAS BEEN USED AS A BASE FOR THIS PLAN. PLEASE REFER TO THE LATEST LANDSCAPING LAYOUT.
- REFER TO LANDSCAPE ARCHITECTS SPECIFICATION FOR SURFACE FINISHES.
- KERBING REQUIREMENTS/DETAIL TO BE CONFIRMED BY LANDSCAPE ARCHITECT.
- REFER TO LANDSCAPE ARCHITECTS SPECIFICATION FOR JOINTING MATERIAL. CONSIDERATION REQUIRED OF COMPATIBILITY OF JOINTING AND BEDDING MATERIAL AND WHETHER SUB-SURFACE DRAINAGE IS REQUIRED.
- ALL SUB-BASES AND CAPPING LAYERS TO BE GRADED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SFHW).
- ALL PAVEMENT CONSTRUCTIONS ARE BASED ON AN ASSUMED CBR VALUE OF 5%. TO BE CONFIRMED BY INSITU TESTING AT FORMATION.
- IT IS RECOMMENDED THAT CBR TESTS ARE CARRIED OUT TO CONFIRM AND SUB-BASE ADJUSTED IN ACCORDANCE WITH THE CAPPING AND SUB-BASE THICKNESS TABLE.
- CBR TEST PROCEDURE IS DETAILED WITHIN DMRB IAN73/06 AND BS 1377-4.
- MEASURED CBR VALUE TO BE AT FORMATION LEVEL AND TO BE A 'SOAKED' CONDITION.
- ANY VARIATIONS IN GROUND CONDITIONS SHOULD BE NOTIFIED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- THE CONSTRUCTION DEPTHS GIVEN ARE THE MINIMUM REQUIRED (COMPACTED).
- THE CONSTRUCTION DEPTHS GIVEN ASSUME FORMATION IS NON-FROST SUSCEPTIBLE.
- WHERE FORMATION IS FROST SUSCEPTIBLE PROVIDE CAPPING MATERIAL TO GIVE A MINIMUM 450mm OVERALL CONSTRUCTION THICKNESS.
- THE CONSTRUCTIONS GIVEN ARE FOR PRIVATE AREAS ONLY AND NOT FOR ADOPTABLE AREAS.
- EXTENT OF HIGHWAY BOUNDARY TO BE CONFIRMED PRIOR TO COMMENCEMENT OF WORKS.
- IN AREAS WHERE LEVELS ARE TO BE RAISED, ACCEPTABLE FILL MATERIAL IS TO BE USED TO THE UNDERSIDE OF THE PROPOSED CONSTRUCTION MAKE UP.
- NO REGULATING OR FILL MATERIAL HAS BEEN INCLUDED IN CONSTRUCTION BUILD UP. CONTRACTOR TO INCLUDE FOR REGULATING/FILL MATERIAL IN THEIR RATES.
- IN AREAS WHERE LEVELS ARE TO BE LOWERED, EXISTING CONSTRUCTION IS TO BE REMOVED (FULL DEPTH).
- LAYING COURSE TO BE NATURALLY OCCURRING SAND OR MORTAR IN ACCORDANCE WITH BS7533 REQUIREMENTS.
- CBM1 TO BE TO BS7533 REQUIREMENTS.
- TYPE 1 SUB-BASE IN ACCORDANCE WITH SFHW.
- CAPPING MATERIAL TO BE 6F1, 6F2 OR 6F5 MATERIAL IN ACCORDANCE WITH SFHW 600 SERIES.

P02	STAGE 3 ISSUE	05.06.25	ATL	MW
P01	ISSUED FOR COMMENT	01.05.25	KS	MW
Rev:	Description:	Date:	By:	Chkd:

Curtins

Merchant Exchange, 17-19 Whitworth Street West, Manchester, M1 5WG
0161 236 2394
manchester@curtins.com
www.curtins.com

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Status: **STAGE 3** **S3**

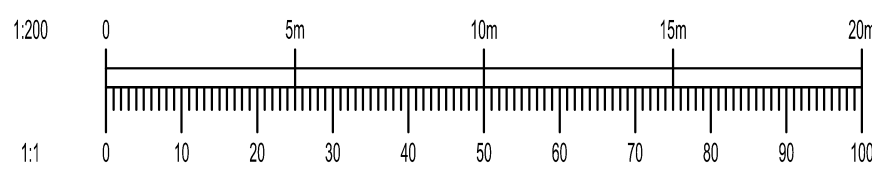
Project: **WHITEFIELD MEDICAL CENTRE**

Orig Title:

PROPOSED EXTERNALS

Drawn By	KS	Designed By	MW	Checked By	MW
Date	01/05/2025	Scales	@ A1	1:200	
Project No	Originator	Function	Spatial	Form	Discipline
Number					
Revision					

087132 - CUR - XX - XX - DR - C - 94700 P02



Ums-Is-1/Project/08701 - 088000007132 - Whitefield Medical Centre 04-Production/4-Model-Drawing/CCAD/04/