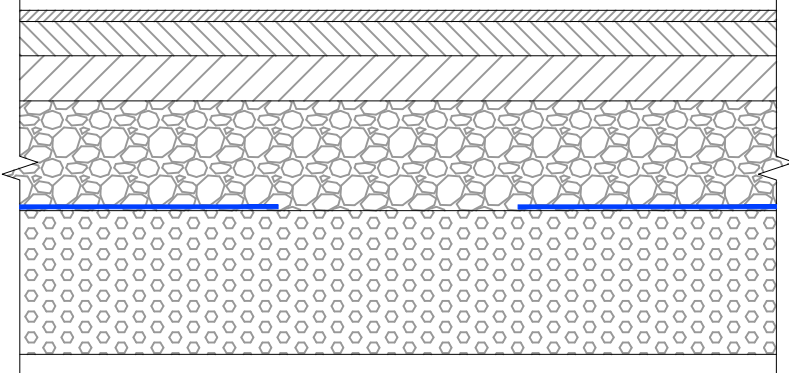


TABLE 6 - PERMITTED FOUNDATION OPTIONS
CLASS 2 RESTRICTED DESIGN OPTIONS

MPa	CBR	CLASS 2 SUBBASE ONLY		CLASS 2 SUBBASE ON CAPPING			
		MATERIAL	THICKNESS (mm)	CAPPING		SUBBASE	
				MATERIAL	THICKNESS (mm)	MATERIAL	THICKNESS (mm)
30	2.5%	NOT PERMITTED		C1	430	SB1	250
35	3%	NOT PERMITTED		C1	380	SB1	230
40	4%	NOT PERMITTED		C1	330	SB1	220
50	5%	NOT PERMITTED		C1	250	SB1	200
55	6%	SB1	260	C1	240	SB1	190
60	7%	SB1	250	C1	230	SB1	170
65	8%	SB1	240	C1	220	SB1	160
70	9%	SB1	230	C1	210	SB1	150
75	10%	SB1	230	C1	200	SB1	150
80	11%	SB1	220	C1	190	SB1	150
85	12%	SB1	220	C1	180	SB1	150
90	13%	SB1	210	C1	170	SB1	150
95	14%	SB1	210	C1	160	SB1	150
100	15%	SB1	200	C1	150	SB1	150

NOTES: SB1=TYPE 1 UNBOUND MIXTURE TO SHW CLAUSE 803, C1=CAPPING TO SHW CLAUSE 613

A GEOTEXTILE PRODUCT TO SHW CLAUSE 609 IS REQUIRED FOR SUBBASE ONLY OPTIONS



30mm Close Graded Surface Course 100/150 PEN
AC10 CLOSE SURF (to EN 13108-1).

70mm Binder Course 100/150 PEN
AC20 DENSE BIN (to EN 13108-1)

100mm Base Course 100/150 PEN
AC32 DENSE BASE (to EN 13108-1)

200mm Type 1 granular material Sub Base to CL.803 of Specification for Highway works.

Geotextile Membrane, Terram T1000.

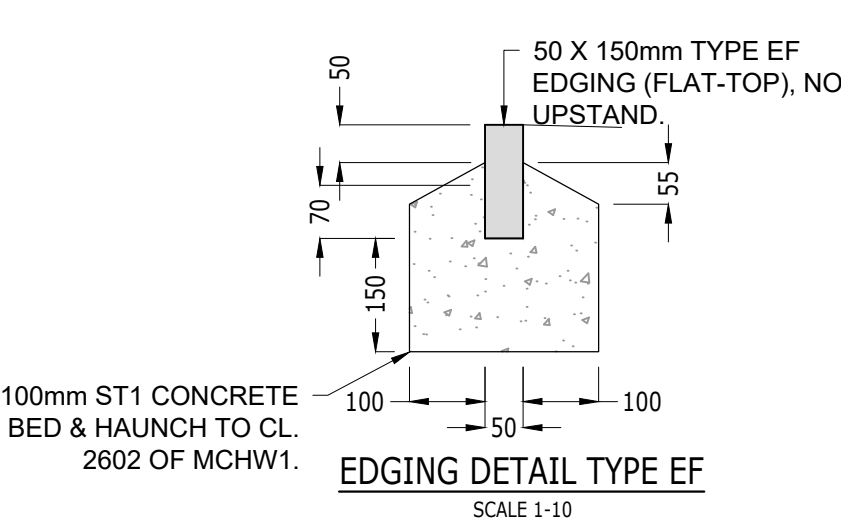
250mm 6f1 capping material to CL.613 of Specification for Highway works.

Access Pavement Construction (Flexible Construction)

Scale 1-20

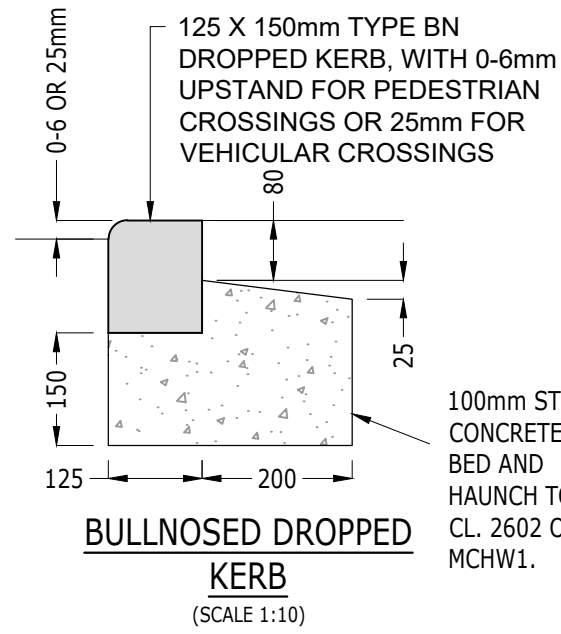
Note: It is advised that during construction the Binder course is used as a running course, with the surface course laid at the end of program.

Note: Construction Details Based on CBR of 5%. To be confirmed by on-site testing.

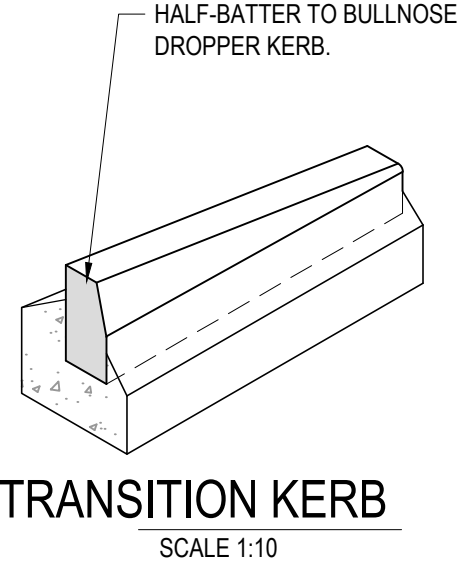


100mm ST1 CONCRETE
BED & HAUNCH TO CL.
2602 OF MCHW1.

EDGING DETAIL TYPE EF
SCALE 1:10



BULLNOSED DROPPED
KERB
(SCALE 1:10)



TRANSITION KERB
SCALE 1:10

DO NOT SCALE OFF THIS DRAWING

Notes:

- The contractor is responsible for verifying all site & setting out dimensions before commencing work.
- This drawing is to be read in conjunction with all relevant Architectural and M & E drawings
- Arboricultural report to be consulted before any excavation works begin in the vicinity of existing trees.
- All works (incl. vis splays) are subject to agreement from London Borough of Hillingdon
- A full utilities (GPR) survey is to be undertaken by the contractor before any excavations for the proposed highway commence.

Key:

- Indicative highway boundary (to be confirmed)
- Visibility Splay (2.4m x 43m for 30mph as per Manual for Streets)
- Existing kerb to be removed and replaced with proposed Bull Nose Dropped Kerb (25mm Upstand)
- Existing kerb to be removed and replaced with proposed Transition Kerb
- Proposed Edging Kerb
- Proposed access pavement construction (existing ground to be excavated down to proposed highway formation level)
- Proposed Fence Gate

P01	27.06.23	AA	INITIAL ISSUE	CR	AMI
Rev	Date	By	Comment	Chkd	Appr

Status

S2 - FOR INFORMATION

Client
LONDON BOROUGH OF HILLINGDON

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Project
MEADOW HIGH SCHOOL & HAREFIELD
ACADEMY

Drawing Title
BENSON CLOSE ACCESS
GENERAL ARRANGEMENT

Drawn	Checked	Approved	Scale
By AA	By CR	By AMI	AS SHOWN
Date 27.06.23	Date 27.06.23	Date 27.06.23	

Client No.	Project No.	Discipline	Drawing No.	Rev
3249	007	C	0041	P01