

TYPE BN:
BULLNOSED DROPPED KERB

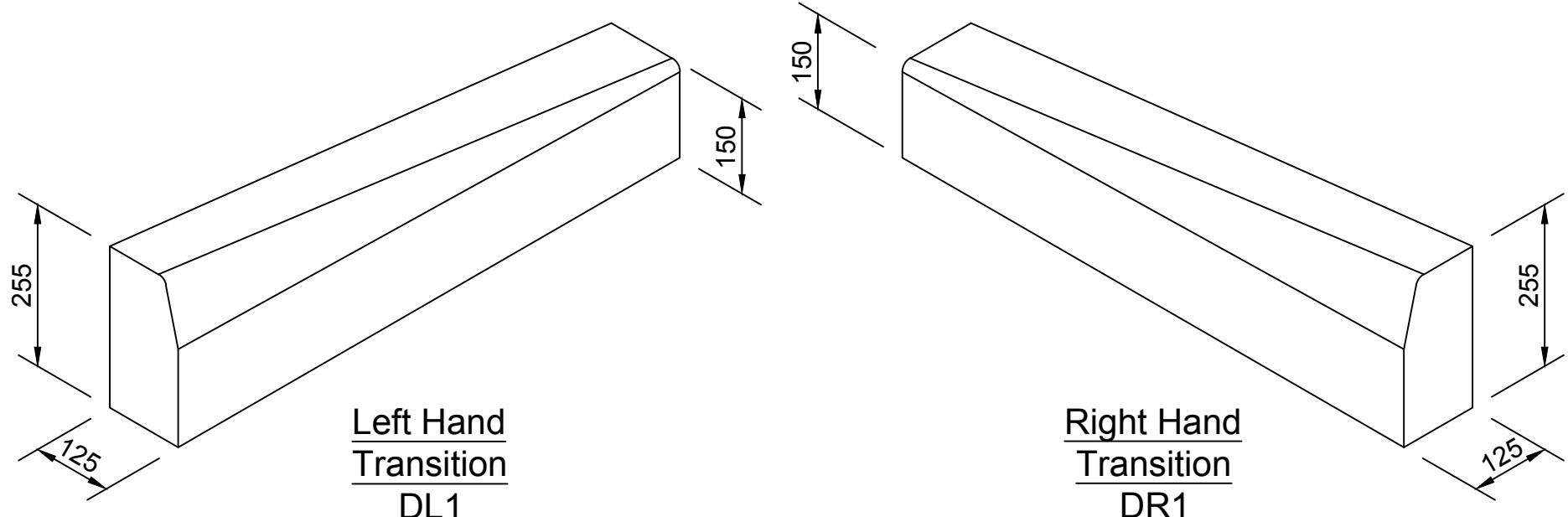
SCALE 1:10

TYPE EF:
FLAT TOP EDGING

SCALE 1:10

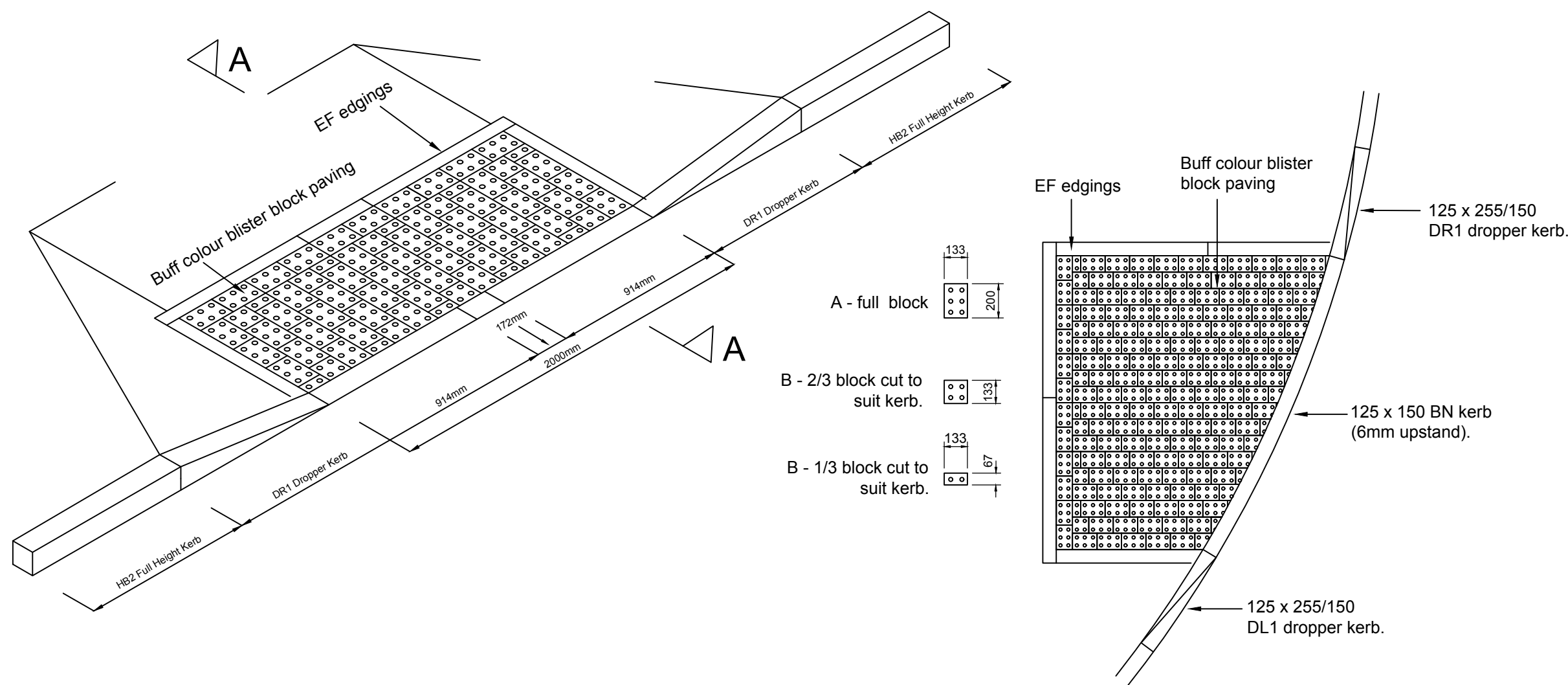
TYPE HB2
(HALF BATTERED KERB)

SCALE 1:10



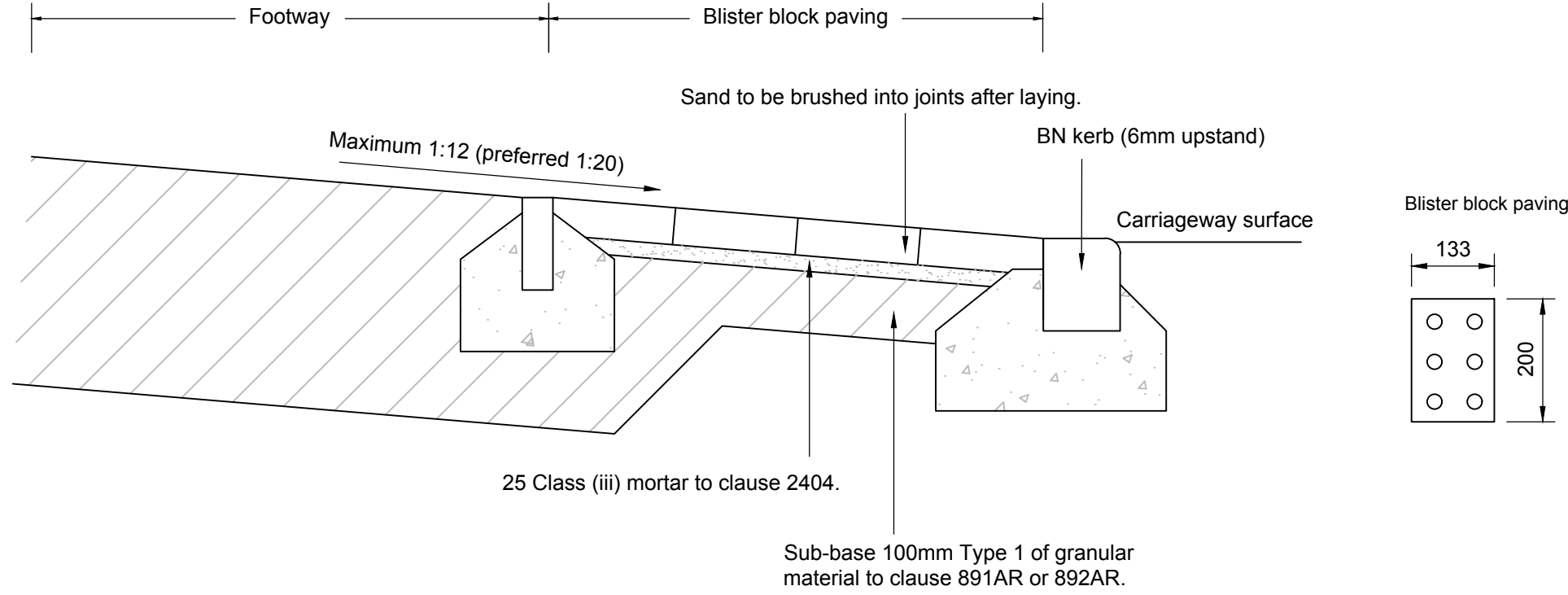
TRANSITION KERBS DL1 AND DR1
(HB2 TO BN)

SCALE 1:10



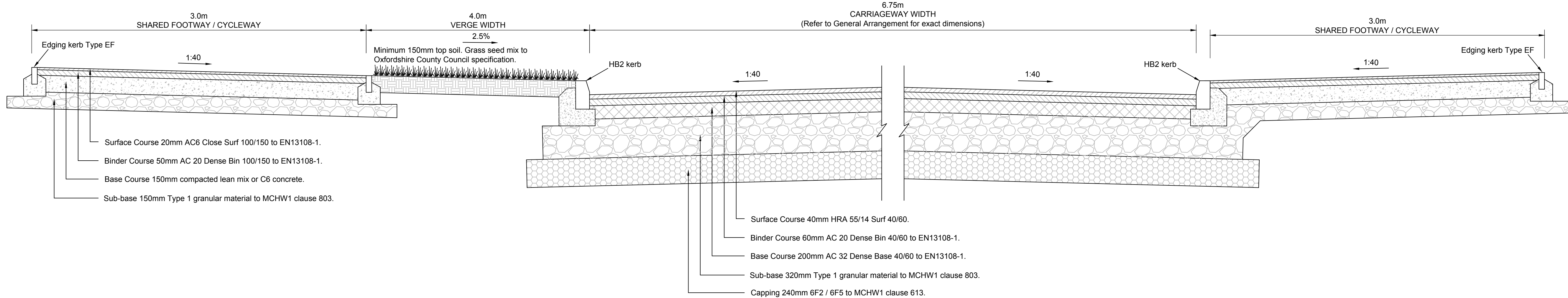
UNCONTROLLED CROSSING

NOT TO SCALE



SECTION A - A
BLISTER BLOCK PAVING

1:10



TYPICAL SPINE ROAD (RD-01A & RD-01B) CROSS SECTION
BITUMINOUS CONSTRCTION

SCALE 1:20

Table 1: CBR Foundation Table (Oxfordshire County Council)

CBR (%)	Sub-Base (mm)	Capping (mm)	Sub base only (mm)
<= 2.5	Ground Stabilisation		Ground Stabilisation
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	320
6.0-7.9	210	200	300
8.0-9.9	200	180	270
10.0-11.9	180	180	250
12.0-14.9	170	160	230
>= 15.0	150	150	200

Notes:

1. CBR table is based on Class 2 restricted foundation design in accordance with IAN 73/06 Revision 1 2009.
2. The pavement foundation has been based on the design CBR of 3% assumed from Hydrock Ground Investigation (GI) report no. WPF-HYD-XX-XX-RP-G-1001-P1-S2.
3. The foundation design is to be used at construction if insitu CBR results are of the same value or greater than the design CBR. If the insitu CBR results are less than this value then the pavement foundation will be increased as per Table 1.
4. CBR testing is required at 30m centres, the lowest CBR result is to be used to determine the needed foundation. Foundation requirements are to be approved by OCC engineer before the foundation is constructed, this will require the insitu CBR results to be provided.
5. Grading certificates for all granular fill are to be provided for every 500 tonnes of material.
6. Foundations on cohesive soils are to be sub base on capping foundation type.

REVISIONS (CONTINUED)

REVISIONS

Rev	Date	Description	By	Ckd	App
P04	17/03/2021	Block pave road construction detail removed. Kerb and tactile details added.	JD	RAP	RAP
P03	01/02/2021	Construction materials amended: Southern gateway and transition details removed.	JD	RAP	RAP
P02	21/10/2021	Updated Spine Road sections to include 4.0m verge.	SM	SM	SM
P01	04/05/2020	First Issue.	MF	SM	SM



CLIENT
L & Q ESTATES

PROJECT
WYKHAM PARK FARM,
BANBURY

TITLE
SPINE ROAD
HIGHWAY CONSTRUCTION DETAILS
SHEET 1 OF 1

HYDROCK PROJECT NO.
C-04841-C

SCALE @ A1
AS SHOWN

STATUS DESCRIPTION
PLANNING

STATUS
S2

DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)
WPF-HYD-XX-XX-DR-C-0401

REVISION
P04