

20mm THICK SURFACE COURSE
(AC6 CLOSE SURF 100/150 TO BS EN 13108-1)

50mm CONSOLIDATED THICKNESS OF AC20 DENSE
BIN 100/150 TO BS EN 13108-1.

150mm TYPE 1 SUB-BASE TO SHW
CLAUSE 803

ASPHALT FOOTPATH



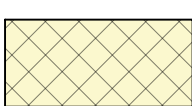
30mm THICK SURFACE COURSE (AC10
CLOSE SURF 100/150 TO BS EN 13108
CLAUSE 909) MIN PSV 55.

70mm BINDER COURSE (AC20 DENSE
BIN 40/60 TO BS EN 13108-1)

150mm TYPE 1 SUBBASE TO CLAUSE 803.
REFER TO TABLE 1 FOR THICKNESS.

6F2/6F5 CAPPING LAYER. REFER TO
TABLE 1 FOR THICKNESS

ASPHALT (PARKING SPACES)



30mm TARMAC UTILISUDS
6mm AGGREGATE SURFACE COURSE

60mm TARMAC UTILISUDS
20mm AGGREGATE BINDER COURSE

450mm THICK (MIN) TYPE 3, 4/20
GRANULAR SUB-BASE (VARIES)

GRANULAR MATERIAL TO BE WRAPPED
WITH GEOTEXTILE & IMPERMEABLE
MEMBRANE.

POROUS ASPHALT CONCRETE PLAY AREA



200mm THICK REINFORCED CONCRETE SLAB
WITH A393 MESH TOP & H16 @ 200 CTRS E/W
BOTTOM. BRUSHED FINISH WITH TROWEL EDGE

1200 GAUGE VISQUEEN MEMBRANE
AS GROUT CHECK

50mm BLINDING ON 150mm THICK LAYER
OF TYPE 1 SUB-BASE MATERIAL LAID AND
FULLY COMPACTED IN ACCORDANCE WITH
SPECIFICATION FOR HIGHWAY WORKS.

OVERALL DEPTH
TO FORMATION
400mm

SUBSTATION - CONCRETE SLAB (TBC BY SPECIALIST)



NOTES

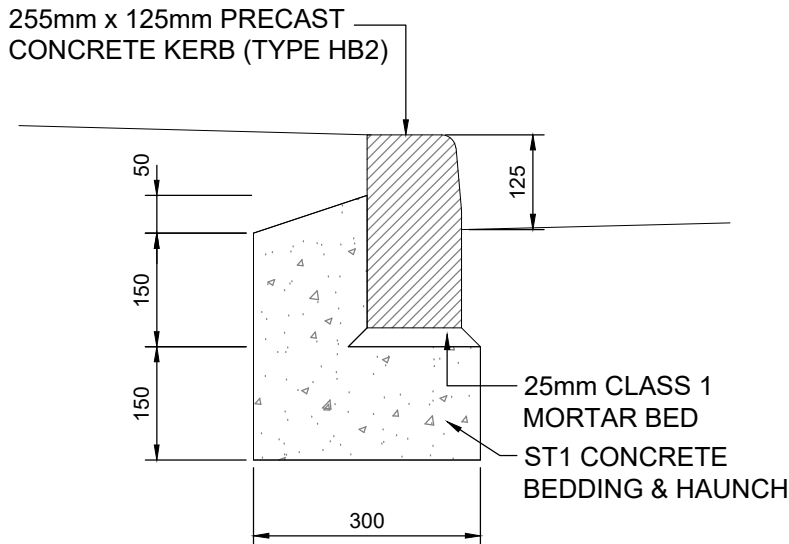
- ALL EXPOSED JOINTS SHALL BE SEALED WITH HOT POURED BITUMEN SEALANT OF WIDTH EXCEEDING 25mm
- EXISTING ROAD SURFACE SHALL BE CLEAN AND FREE FROM EXTRANEIOUS MATERIALS PRIOR TO APPLYING A TACK COAT

COLD PLANE EXISTING PAVEMENT AND
RESURFACE WITH 20mm CONSOLIDATED
THICKNESS OF 6mm DENSE ASPHALT
CONCRETE SURFACE COURSE 160/220. BS EN
13108 (CLAUSE 909)

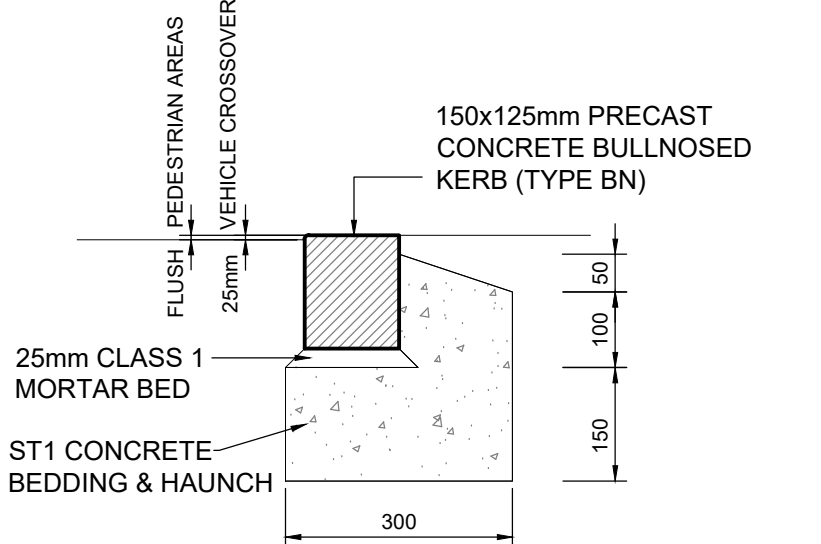
EXISTING BASE COURSE

EXISTING SUB-BASE

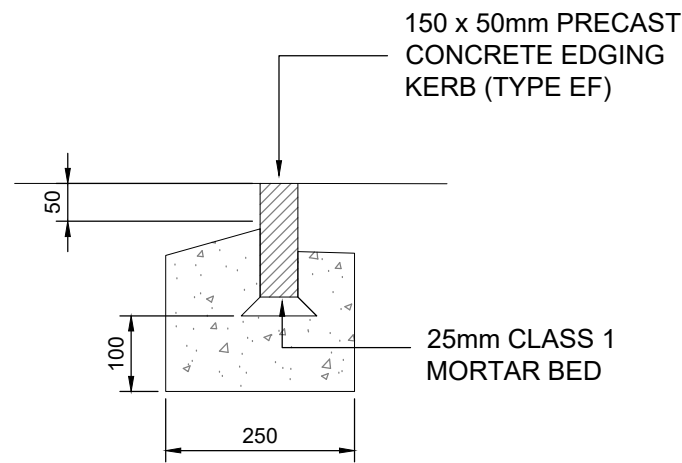
ASPHALT FOOTPATH RESURFACING DETAIL



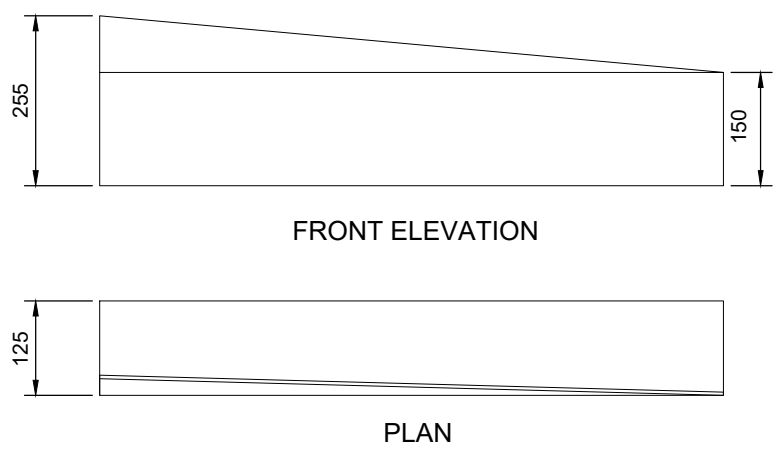
HALF BATTERED KERB (HB2) (1:10)



BULLNOSED KERB (BN) (1:10)

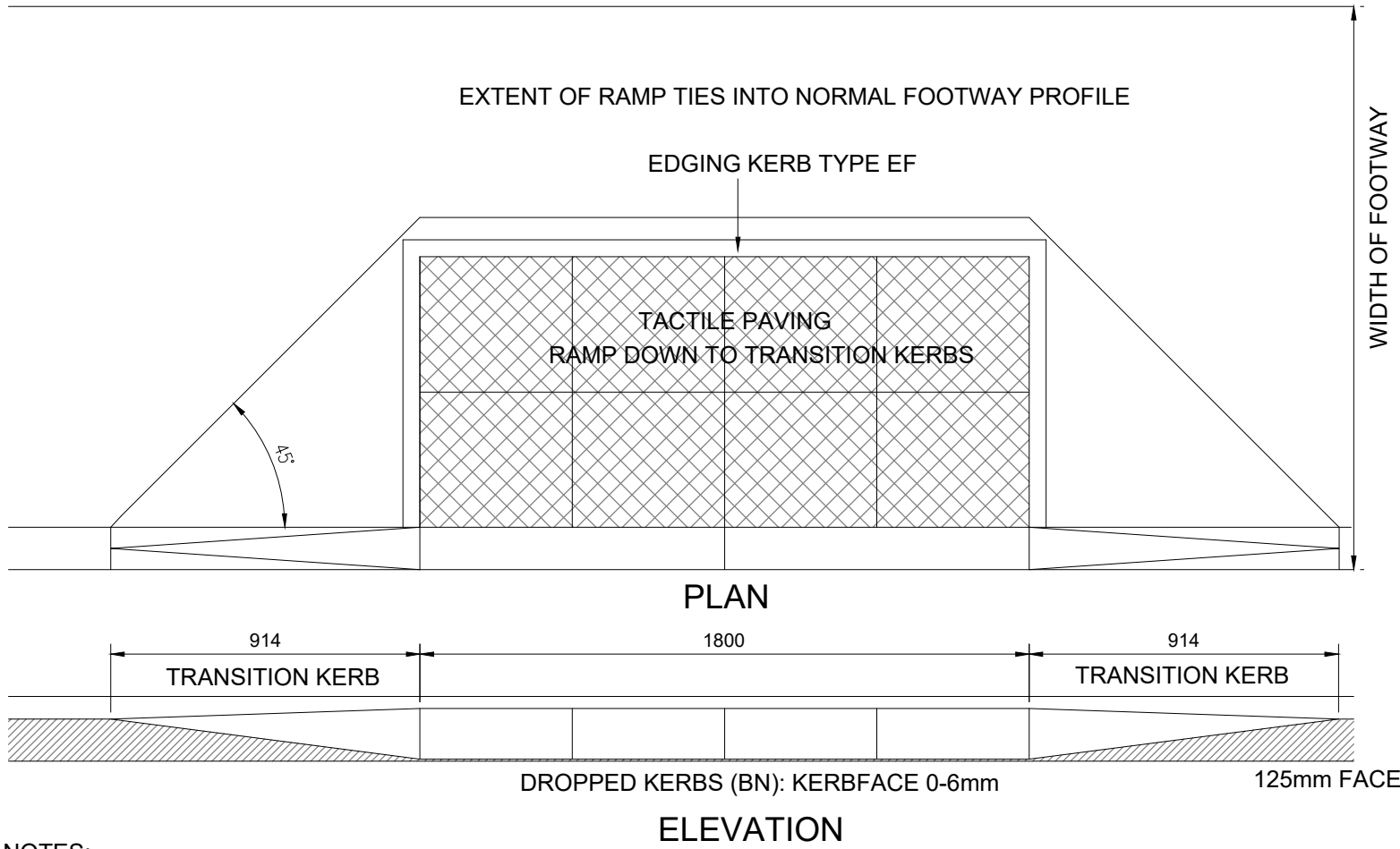


EDGING KERBS (EF) (1:10)



DROP KERB DETAIL DESIGN TK1
HALF BATTERED KERB (HB2) TO BULLNOSED KERB (BN)

TRANSITION KERB DETAIL (TK1) (1:10)

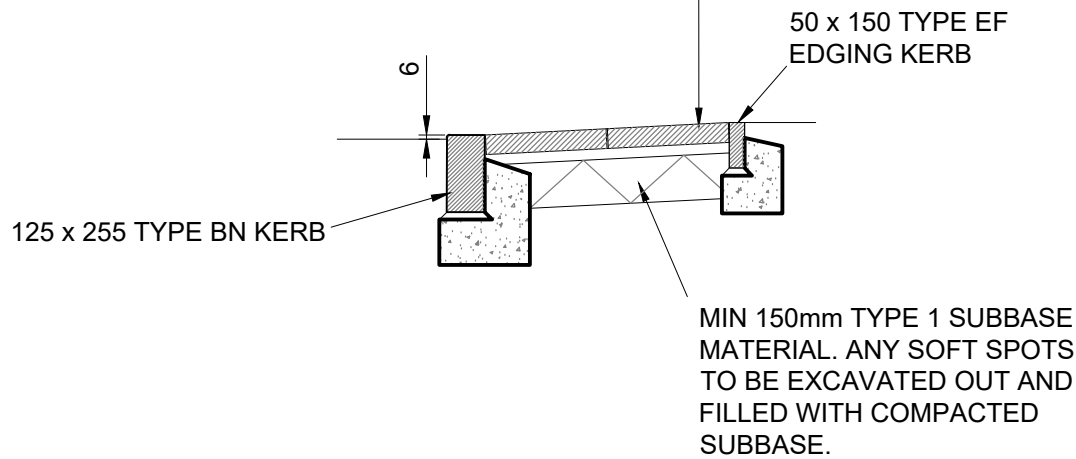


- NOTES:
- ALL PEDESTRIAN CROSSING POINTS TO HAVE 2 ROWS OF TACTILE PAVING SLABS, LAID ON 50mm OF SHARP SAND.
 - CROSSINGS SHOULD BE LAID OUT DIRECTLY OPPOSITE EACH OTHER WITH DOMES ALIGNED TO THE DIRECTION OF THE CROSSING.
 - TACTILE PAVING COLOUR AND FINISHED SURFACE TO BE IN ACCORDANCE WITH CURRENT "GUIDANCE ON THE USE OF TACTILE PAVING SURFACES"

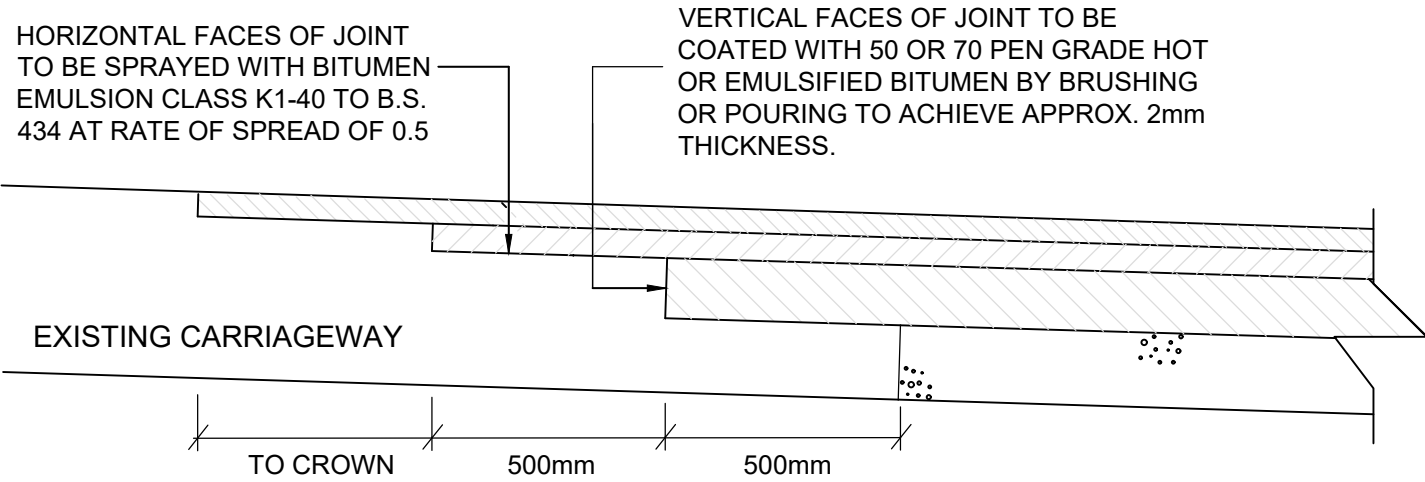
PEDESTRIAN CROSSING DETAIL (1:20)

COLOURED TACTILE PAVING SLAB 400mm SQ X
65mm THICK TO BS EN1340 ON 30mm COMPACTED
THICKNESS OF SHARP SAND.
SLABS TO BE TIGHT BUTTED. GRADIENT TO BE NO
GREATER THAN 1:12

BLISTER PATTERN - BUFF COLOUR
CORDUROY PATTERN - BUFF COLOUR
(SEE PLANS FOR LOCATIONS OF TYPES)



SECTION THROUGH TACTILE PAVING DETAIL (1:25)



JUNCTION TIE IN DETAILS

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CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE.
ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM.
DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO
CAMBRIA CONSULTING LIMITED BEFORE PROCEEDING.

THE CONTRACTOR IS TO REFER TO THE SPECIFICATION,
FULL SCHEDULE OF RESIDUAL RISKS IN THE CONTRACT
DOCUMENTATION AND ALSO TO INFORMATION FROM OTHER
DESIGNERS, IN PARTICULAR THE M&E CONSULTANT
REGARDING EXISTING LIVE SERVICES.

 THIS SYMBOL IS USED TO HIGHLIGHT INSTANCES
OF RISK WITHIN THE CONSTRUCTION PROCESS.
ALWAYS CHECK FOR LATER REVISIONS OF THIS DRAWING.

NOTES:

- THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT "DESIGN MANUAL FOR ROADS AND BRIDGES" AND THE "SPECIFICATION OF HIGHWAY WORKS" AND ANY OTHER CONSTRUCTION PUBLICATION IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT DRAWINGS AND THE EXTERNAL WORKS PLAN (DRAWING NO. 0102).
- PAVEMENT FOUNDATION CBR VALUES ARE TO BE CONFIRMED.
- WHERE BASE COURSE TO BE TRAFFICKED FOR > 1 MONTH GRITSTONE AGGREGATE TO BE USED WITH BINDER CONTENT OF 5.7 ± 0.60% OR SURFACE DRESSED TO LOCAL AUTHORITY SPECIFICATION (d.919 S.H.W.)
- LIMESTONE AGGREGATES NOT PERMITTED IN CARRIAGEWAY WEARING COURSE.
- IF THE ROAD BASE OR BASE COURSE MATERIAL IS NOT COVERED IMMEDIATELY WITH THE BASE COURSE OR WEARING COURSE RESPECTIVELY THEN THE ROAD BASE AND/OR BASE COURSE SHALL BE SPRAYED WITH A SEALING COAT OF BITUMINOUS SPRAY TO CLAUSE 920.
- WEED CONTROL GRANULES SUCH AS "FYDULAN" AT A RATE OF SPREAD OF 18g/m² WILL NEED TO BE PROVIDED TO ALL SUB BASE MATERIAL THAT IS INTENDED FOR ADOPTION.
- ALL SUB BASE MATERIALS TO BE COMPACTED IN ACCORDANCE WITH CLAUSE 802 AND TABLE B1
- ALL BEDDING MORTAR SHALL BE TO CLAUSE 6.2 OF BS 7263 PART 2:1990

TABLE 1: ASPHALT PAVEMENT FOUNDATION REQUIREMENTS

CBR VALUE [%]	SUBBASE [mm]	CAPPING LAYER [mm]
>15	150	-
5>CBR<15	225	-
2>CBR<5	150	300
1>CBR<2	150	450
<1	150	600

NOTE:

MINIMUM TYPE 1 SUBBASE THICKNESS OF 150mm REQUIRED. THE ROAD PAVEMENT SHOULD CONSIST AT LEAST 450mm OF NON FROST SUSCEPTIBLE MATERIAL. IF CAPPING LAYER IS NOT UTILISED FORMATION DRAINAGE MAY BE REQUIRED.

NOTE
CBR VALUES ARE TO BE CONFIRMED
UPON RECEIPT OF SITE
INVESTIGATION REPORT.
ADDITIONAL IN-SITU TESTING IS TO
BE UNDERTAKEN PRIOR TO
CONSTRUCTION OF HARD PAVED
AREAS.

P03	POROUS ASPHALT PLAY AREA DETAIL REVISED.	BW	BW	BW
P02	REVISIONS AS PER ATKINSREALIS COMMENTS.	PY	BW	JB
P01	STAGE 3 ISSUE.	PY	BW	JB
Rev.	Description	By	Chk	App

Client:



Project:

YSGOL RHYD Y GRUG

Drawing Title:

PROPOSED EXTERNAL
WORKS STANDARD
DETAILS

Drawing No.

RYG CAM ZZ XX DR C 0011

Project Originator Vol. Level Type Role Number

Status: SS PRELIMINARY Scale @A1: N/A Rev: P03

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