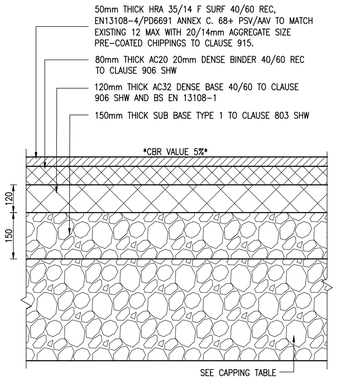
KERB NOTES:

1. KERBS SHALL BE PRECAST CONCRETE KERBS COMPLYING WITH BS EN 1340 AND CLAUSE 1101 OF SPECIFICATION FOR HIGHWAY WORKS.
2. MIX ST4 CONCRETE KERB BASE TO CLAUSE 2602 SHALL BE LAID ON THE SUB-BASE AND SHALL BE A MINIMUM THICKNESS OF 150mm. SUB-BASE SHALL BE EXCAVATED WHERE NECESSARY TO ACHIEVE 150mm THICKNESS. RECOMPACT DISTURBED SUB-BASE PRIOR TO CONSTRUCTION OF KERB BASE. THE KERB BASE AND BACKING WILL NORMALLY BE LAID IN ONE OPERATION. HOWEVER WHERE CONCRETE BASE IS LAID IN ADVANCE OF KERBS, 200 x 20mm DIAMETER MILD STEEL DOWEL BARS WILL BE REQUIRED IN BACKING AT 450mm CENTRES. KERBS WILL THEN BE LAID ON 0mm TO 10mm THICKNESS CEMENT MORTAR DESIGNATION (I) BED TO CLAUSE 2404.
3. WHERE EXCAVATION INTO EXISTING CARRIAGEWAY IS REQUIRED, A TRENCH SHALL BE EXCAVATED OF SUFFICIENT DEPTH AND WIDTH TO ACCOMMODATE THE COMPLETE BASE, BED AND BACKING OF THE KERB TYPE SCHEDULED WHILST PROVIDING SUFFICIENT SPACE FOR THE NECESSARY USE OF MECHANICAL LIFTING APPARATUS.
4. WHERE IT IS REQUIRED TO LAY KERBS TO RADII LESS THAN 12 METRES, HYDRAULICALLY PRESSED RADIUS KERBS TO THE APPROPRIATE RADIUS SHALL BE USED AND CONSIDERATION SHALL BE GIVEN TO THE USE OF SHORTER KERBS WHERE THE ALIGNMENT REQUIRES SUCH KERBS TO ACHIEVE A SATISFACTORY LINE WITHOUT LARGE JOINTS. GRANITE KERBS MAY BE REQUIRED IN CONSERVATION AREAS.
5. THE MAXIMUM GAP BETWEEN KERBS SHALL BE 3mm. ANY GAP WIDER THAN 3mm SHALL BE FLUSH POINTED WITH CEMENT MORTAR.
6. THE APPROPRIATE 914mm LONG PRECAST CONCRETE TRANSITION KERB SHALL BE INSTALLED AT EACH CHANGE IN KERB TYPE, TIE-INS TO EXISTING AND TERMINATIONS.
7. INSTALLATION OF DOWEL BARS MAY ALSO BE INSTRUCTED BY THE ENGINEER AT LOCATIONS WHERE STANDARD KERBS ARE CONSIDERED TO BE VULNERABLE TO DAMAGE CAUSED BY VEHICLE IMPACT.
8. THE MINIMUM LENGTH OF ANY CUT KERB SHALL BE 450mm.
9. ANY EXTERNAL 90 DEGREE KERB JOINT TO HAVE A QUADRANT INSTALLED. MITRED JOINTS ARE NOT TO BE USED.

	CAPPING OPTION	
	CAPPING LAYER	SUB-BASE
GREATER THAN 30% CBR	–	–
CBR 15 – 30%	–	150mm
CBR 5.0 – 15%	–	225mm
CBR 2.5 – 5.0%	350mm	150mm
CBR 2.5 – 5.0%	–	350mm
CBR LESS THAN 2.5%	600mm	150mm

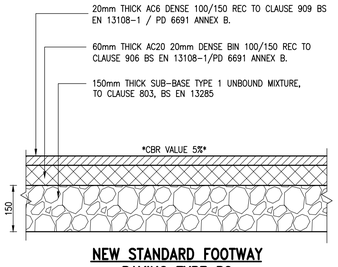
FIRST 450mm OF ROAD TO BE NON-FROST SUSCEPTIBLE MATERIAL.

SUB-BASE AND CAPPING LAYER THICKNESSES



NEW CARRIAGEWAY PAVING TYPE P1

SCALE 1:10



NEW STANDARD FOOTWAY PAVING TYPE P2

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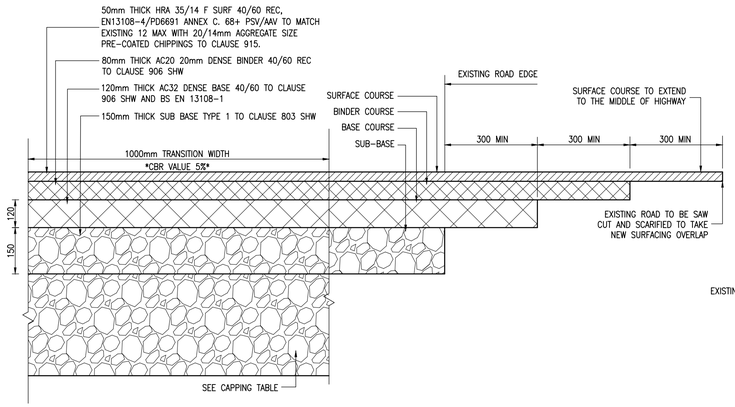
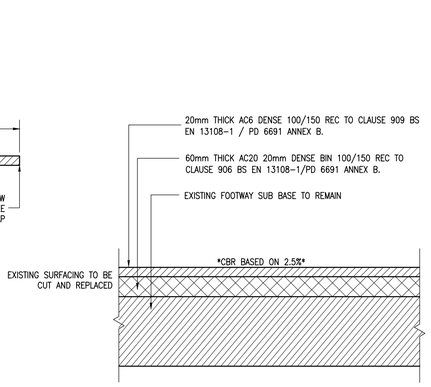


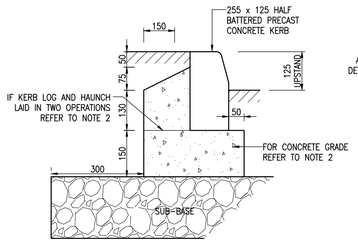
TYPICAL ROAD CONSTRUCTION HIGHWAY TIE-IN DETAIL PAVING TYPE P3

SCALE 1:10



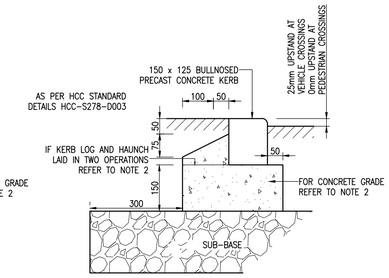
REPLACE EXISTING FOOTWAY PAVING TYPE P2A

SCALE 1:10



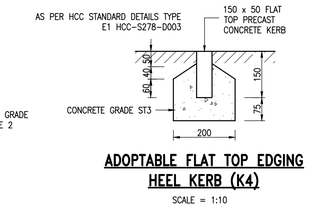
ADOPTABLE HALF BATTERED KERB (K1)

SCALE 1:10



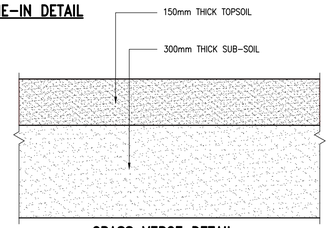
ADOPTABLE BULLNOSED DROP KERB (K3)

SCALE 1:10



ADOPTABLE FLAT TOP EDGING HEEL KERB (K4)

SCALE = 1:10



GRASS VERGE DETAIL

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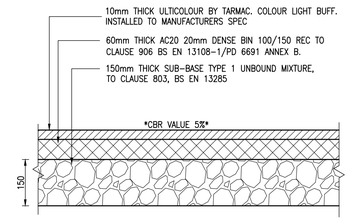
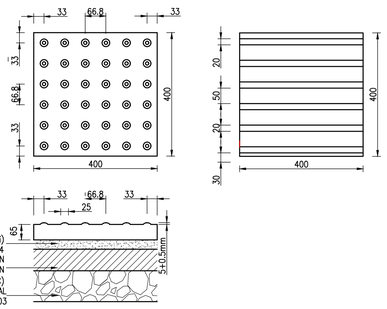


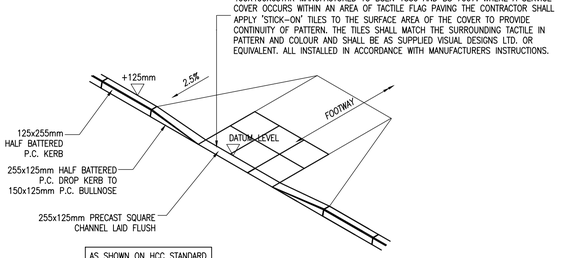
NEW STANDARD COLOURED FOOTWAY PAVING TYPE P4

SCALE 1:10



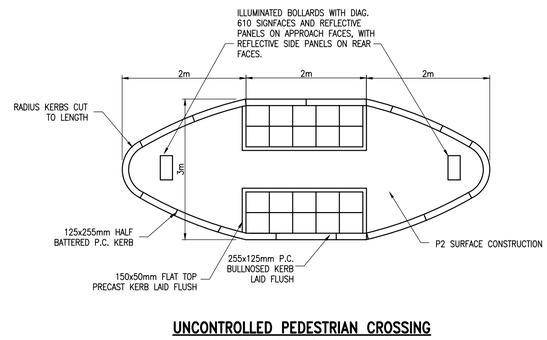
PLAN AND PROFILE OF TACTILE AND CORDOURY PAVING

NOT TO SCALE



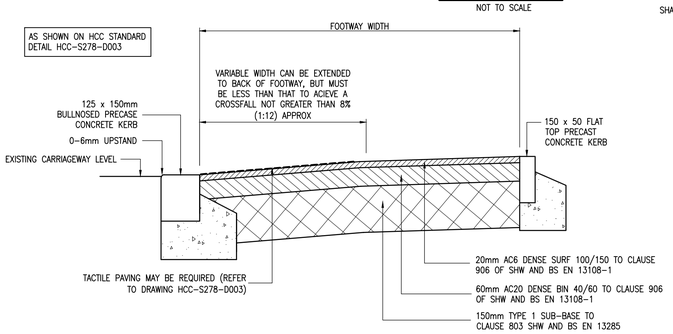
UNCONTROLLED PEDESTRIAN CROSSING

NOT TO SCALE



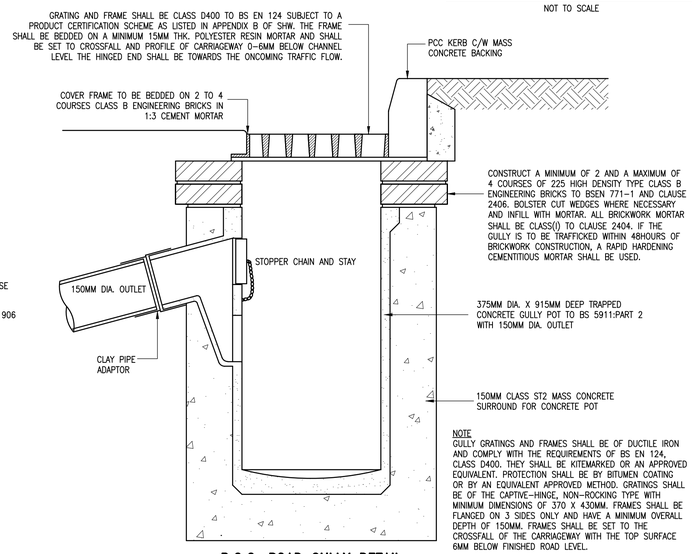
UNCONTROLLED PEDESTRIAN CROSSING CENTRAL CROSSING ISLAND

NOT TO SCALE



TACTILE PAVING (BLISTER & CORDUROY) BEDDING DETAIL

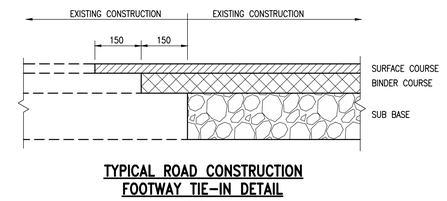
SCALE 1:10



P.C.C. ROAD GULLY DETAIL

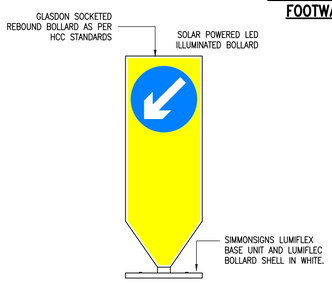
NOT TO SCALE

AS SHOWN ON HCC STANDARD DETAIL HCC-S278-D003



TYPICAL ROAD CONSTRUCTION FOOTWAY TIE-IN DETAIL

SCALE 1:10



REBOUND SIGNMASTER BOLLARD WITH DIA 610 LED SOLAR ILLUMINATED

SCALE 1:10

NOTES

1. THIS DRAWING IS COPYRIGHT.
2. DO NOT SCALE THIS DRAWING. THE CONTRACTOR IS TO BRING TO THE NOTICE OF THE ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO WORK COMMENCEMENT.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST SUB-CONTRACTORS DRAWINGS AND THE SPECIFICATION.
4. ALL SETTING OUT TO BE IN ACCORDANCE WITH THE ENGINEERS DRAWINGS. CONTRACTOR TO CHECK AND IDENTIFY ANY DISCREPANCIES TO ENGINEER. DIMENSIONS MUST NOT BE SCALED.

HEALTH & SAFETY:

ALL WORKS TO BE CARRIED OUT BY A CONTRACTOR COMPETENT TO UNDERTAKE THE CONSTRUCTION OF WORKS AS INDICATED ON THIS DRAWING. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE JOB SPECIFIC RISK ASSESSMENT. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

rev	date	description	initials
P8	23/08/2024	UPDATED FURTHER TO RSA COMMENTS	DC
P7	19/03/2024	UPDATED FURTHER TO HCC COMMENTS	DC
P6	18/12/2023	UPDATED FURTHER TO HCC COMMENTS	DC
P5	22/08/2023	UPDATED FURTHER TO HCC COMMENTS	DC
P4	19/07/2023	UPDATED FURTHER TO HCC COMMENTS	DC
P3	04/07/2023	UPDATED FURTHER TO HCC COMMENTS	DC
P2	23/05/2023	CONSTRUCTION DETAILS UPDATED	DC
P1	20/03/2023	PRELIMINARY ISSUE	DC

Project: GASCOYNE ESTATES, CRESWICK

Client / Architect: Places for People

Title: S278 ROAD CONSTRUCTION DETAILS SHEET 1 OF 3

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date	scale	size	project no.	drawing no.	revision
MAR 2023	NTS	A1	10650	215	P8

drawn DC
checked MPD