

Notes

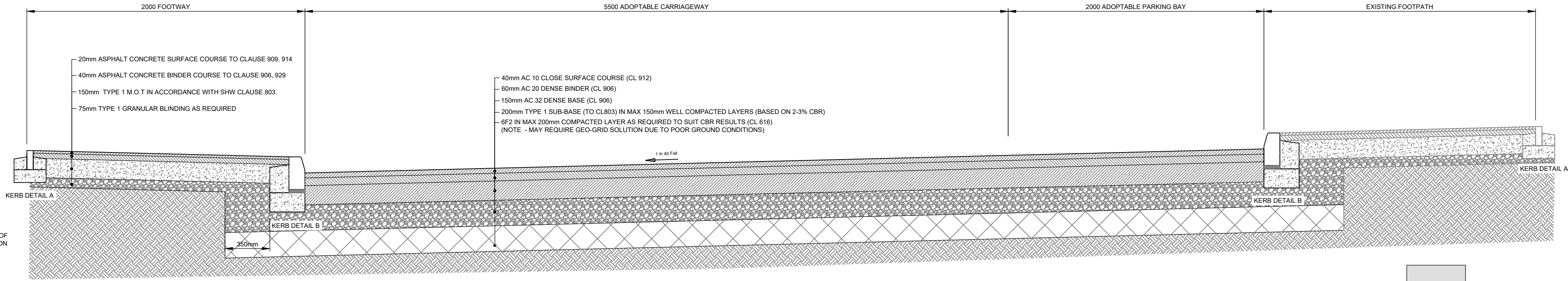
This Drawing is an instrument of service and shall remain the property of Align Property Partners Ltd copyright ©. It may not be reproduced or copied in any form. It shall not be used for the construction, enlargement or alteration of a building or area other than the said project without the authorisation of the issuing office. Contractors shall verify and be responsible for all dimensions and conditions and shall report any discrepancies to the issuing office before proceeding with any work. Drawings shall not be scaled.

GENERAL

- THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DOCUMENTATION.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETRES
- DO NOT SCALE OFF DRAWING. ONLY WRITTEN OR CALCULATED DIMENSIONS MUST USED FOR THE PURPOSE OF CONSTRUCTION
- ALL DETAILS AND DIMENSIONS, PARTICULARLY THOSE RELATING TO EXISTING STRUCTURES, ARE TO BE CHECKED OR VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION OR FABRICATION AND ANY DISCREPANCIES REPORTED TO THE CONTRACT ADMINISTRATOR, ARCHITECT & ENGINEER.
- MATERIALS AND WORKMANSHIP MUST COMPLY WITH ALL RELEVANT NBS SPECIFICATIONS, NATIONAL/EU CODES OF PRACTICE AND LOCAL AUTHORITY & STATUTORY APPROVALS.
- ANY NAMED PROPRIETARY PRODUCT OR MATERIAL IS PROVIDED AS A REFERENCE ONLY. CONTRACTORS MAY PROPOSE AN ALTERNATIVE PROVIDED THAT THE PRODUCT OR MATERIAL IS OF EQUIVALENT STANDARD SUBJECT TO THE AGREEMENT OF THE ENGINEER.
- ALL PROPRIETARY PRODUCTS ARE TO BE USED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S DETAILS AND REQUIREMENTS.
- CONTRACTORS MUST IDENTIFY IN THEIR TENDER SUBMISSION, ANY PRODUCTS THAT HAVE LONG LEAD-IN PERIODS FOR WHICH THE MATERIALS WOULD NEED TO BE PRE-ORDERED PRIOR TO THE AWARD OF THIS CONTRACT.

NOTES

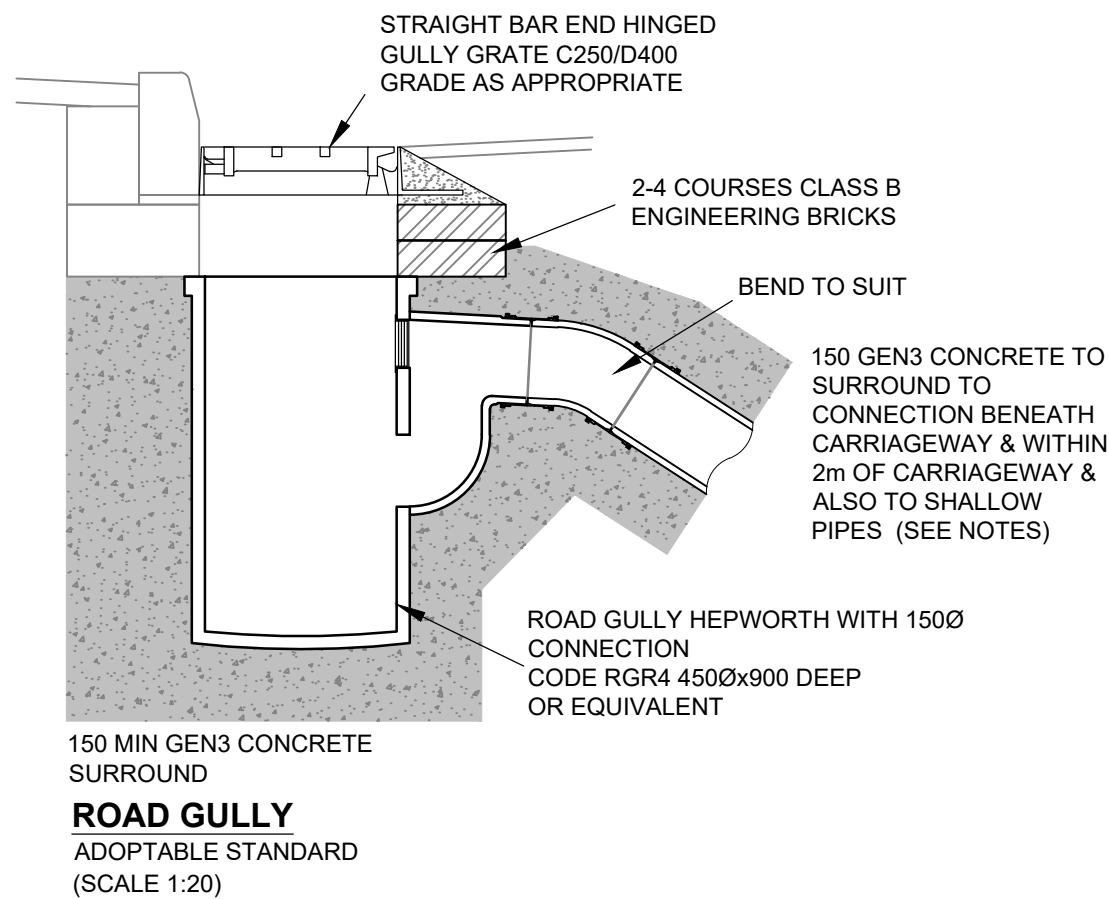
- NO WORK SHOULD COMMENCE ON SITE UNTIL WRITTEN APPROVAL IS RECEIVED FROM THE ADOPTING HIGHWAY AUTHORITY OR ANY RELEVANT AUTHORITY. WORKS UNDERTAKEN PRIOR TO APPROVAL ARE AT THE DEVELOPERS RISK AND APP CIVILS DESIGN WILL NOT BE HELD RESPONSIBLE FOR SUBSEQUENT DELAYS IN APPROVALS, REMEDIAL COSTS OR CONSTRUCTION PROGRAMME DELAYS.
- PRIOR TO CONSTRUCTION THE ACTUAL POSITION AND DEPTH OF SERVICES LIKELY TO BE AFFECTED BY THE WORK SHOULD BE ESTABLISHED BY MEANS OF A HAND DIG IN CLOSE LIAISON WITH THE STATUTORY SERVICE AUTHORITIES. THE CONTRACTOR SHALL IMMEDIATELY INFORM APP CIVILS DESIGN OF ANY SERVICES EXPOSED THAT MAY AFFECT THE DESIGN.
- THE LOCAL AUTHORITY AND STATUTORY SERVICE PROVIDERS ARE TO BE NOTIFIED PRIOR TO THE COMMENCEMENT OF WORK ON SITE.
- ALL HIGHWAY WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT EDITION OF MANCHESTER CITY COUNCIL'S DESIGN GUIDE & SPECIFICATION.
- WHERE THE PROPOSED SUB-FORMATION IS HIGHER THAN THE EXISTING GROUND LEVELS, THE GROUND SHALL BE BROUGHT UP TO FORMATION LEVEL WITH ACCEPTABLE EARTHWORKS FILL MATERIAL TO TABLE 10/1 OF THE HIGHWAYS SPECIFICATION COMPACTED IN ACCORDANCE WITH CLAUSE 1001.
- BITUMINOUS MATERIAL SHALL BE LAID IN ACCORDANCE WITH BS 5948/87. BITUMINOUS EMULSION SHALL BE APPLIED TO ALL EXISTING SURFACING PRIOR TO OVERLAYING WITH BITUMINOUS OR ASPHALTIC MATERIALS AND SHALL COMPLY WITH CLAUSE 820.



Typical Section Through Road 1&2 Carriageway Construction

Detail - Manchester City Council Specification

Scale (1:20)

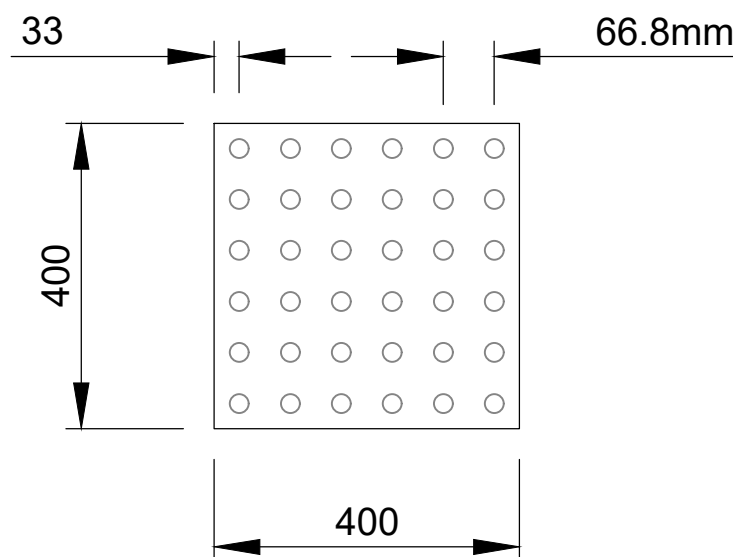


SUBGARDE CBR (%)	CAPPING LAYER (mm)	SUB-BASE LAYER (mm)	OVERALL THICKNESS (mm)
2%	450	150	600
2.5%	400	150	550
3.0%	375	150	525
4.0%	300	150	450
5.0%	250	150	400
8.0%	210	150	360

SUB-BASE AND CAPPING LAYER DETAILS (MANCHESTER CITY COUNCIL)

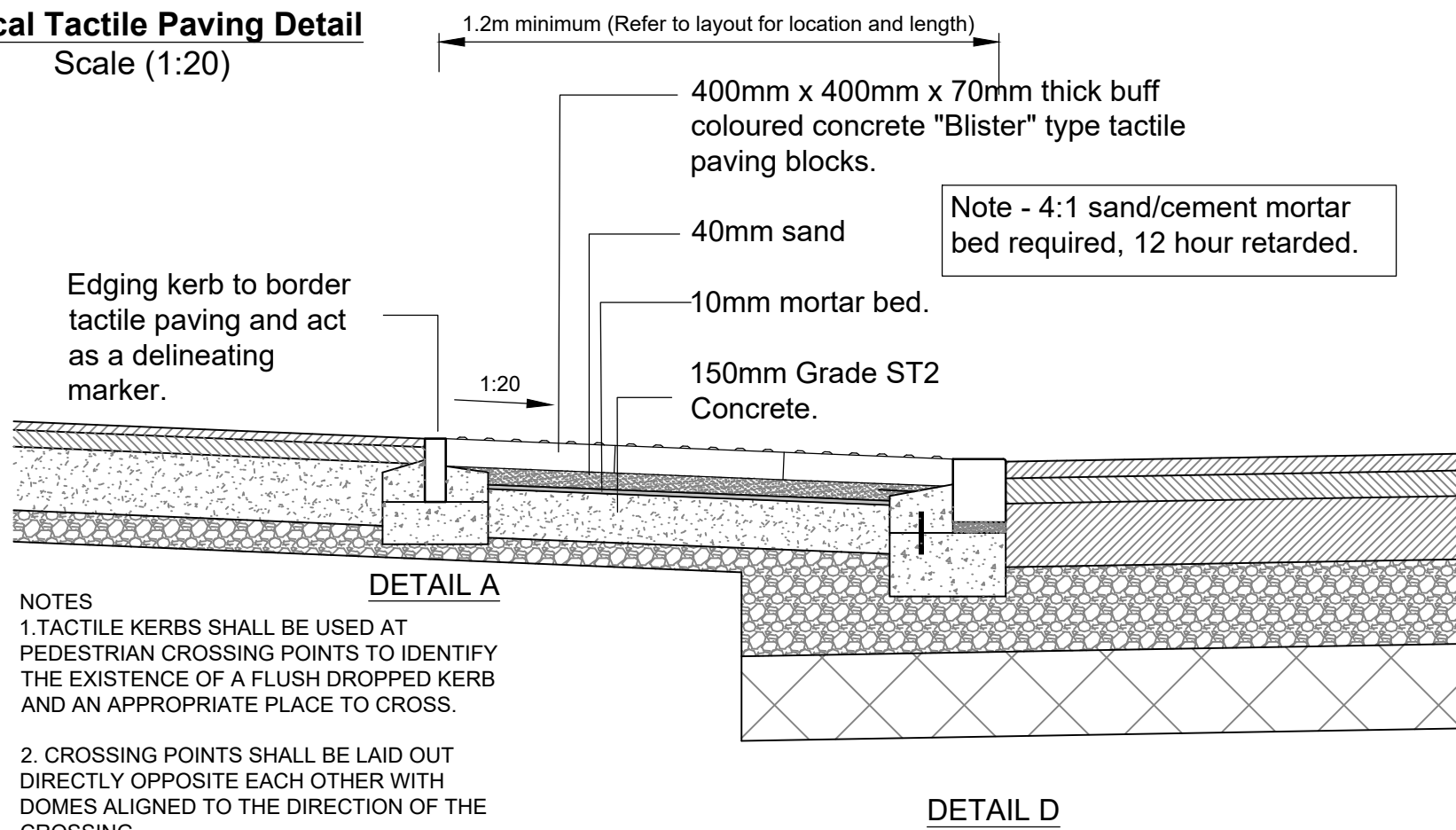
(CBR REQUIRED TOP OF CAPPING - 15%)

(CBR REQUIRED TOP OF SUB-BASE - 30%)



Typical Tactile Paving Detail

Scale (1:20)

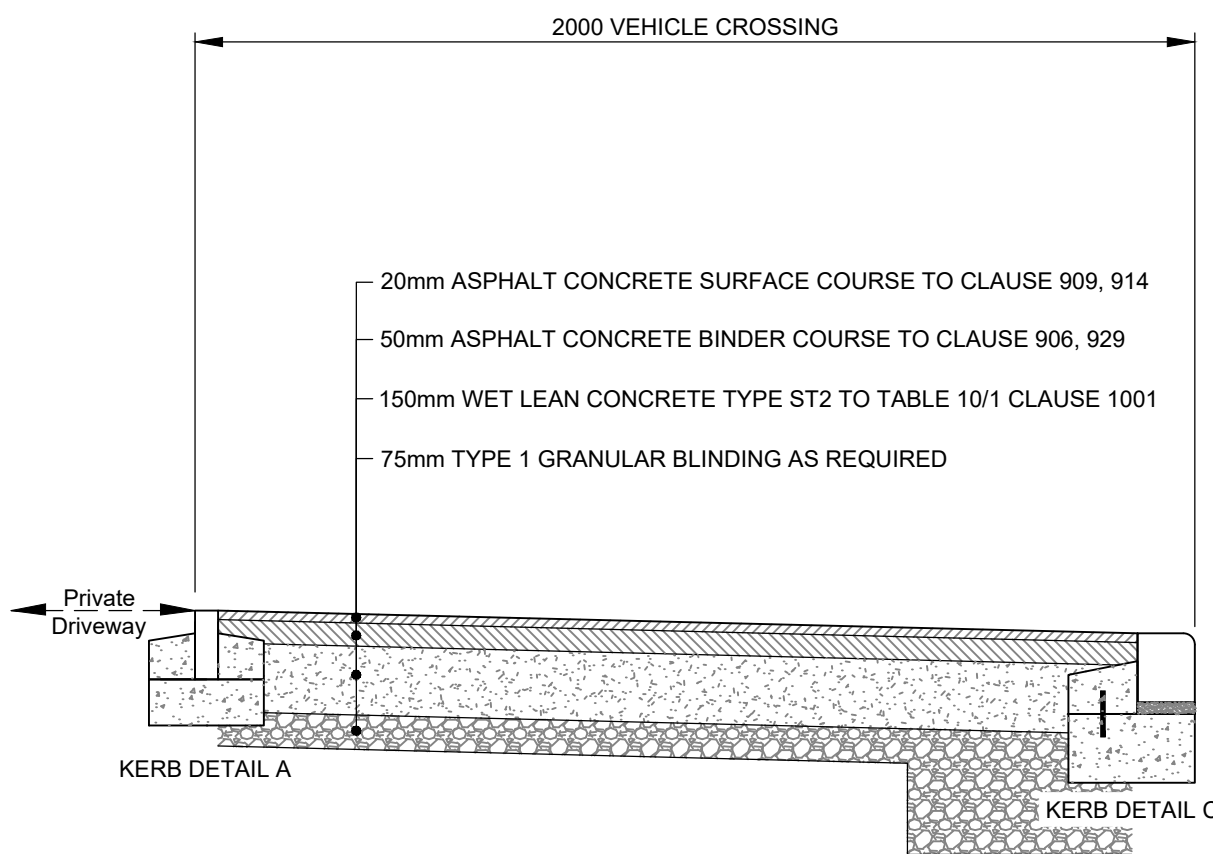


NOTES

- TACTILE KERBS SHALL BE USED AT PEDESTRIAN CROSSING POINTS TO IDENTIFY THE EXISTENCE OF A FLUSH DROPPED KERB AND AN APPROPRIATE PLACE TO CROSS.
- CROSSING POINTS SHALL BE LAID OUT DIRECTLY OPPOSITE EACH OTHER WITH DOMES ALIGNED TO THE DIRECTION OF THE CROSSING.
- CHANNEL BLOCKS WILL BE REQUIRED IF THE PEDESTRIAN CROSSING IS LOCATED ON THE LOW SIDE OF THE CARRIAGEWAY.

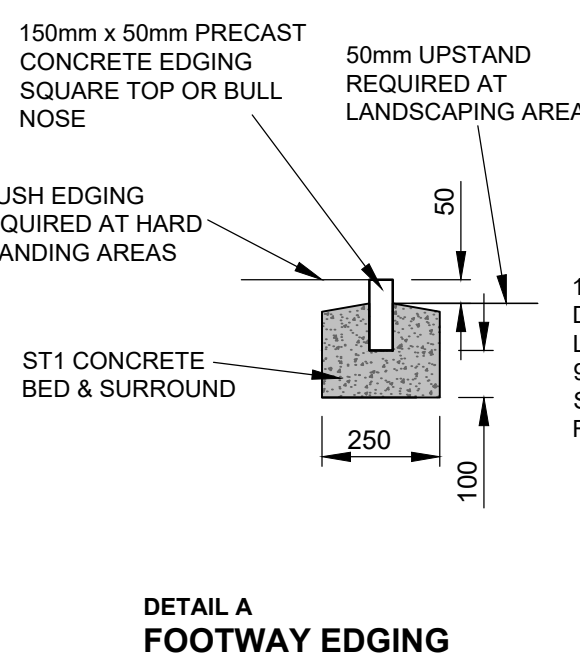
Typical Section Through Pedestrian Crossing

Scale (1:20)

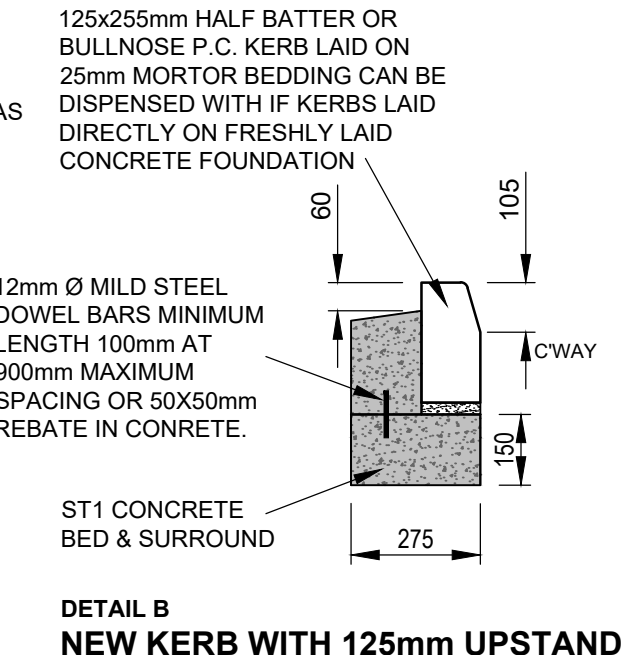


Vehicle Crossing Construction Detail - Manchester City Council Specification

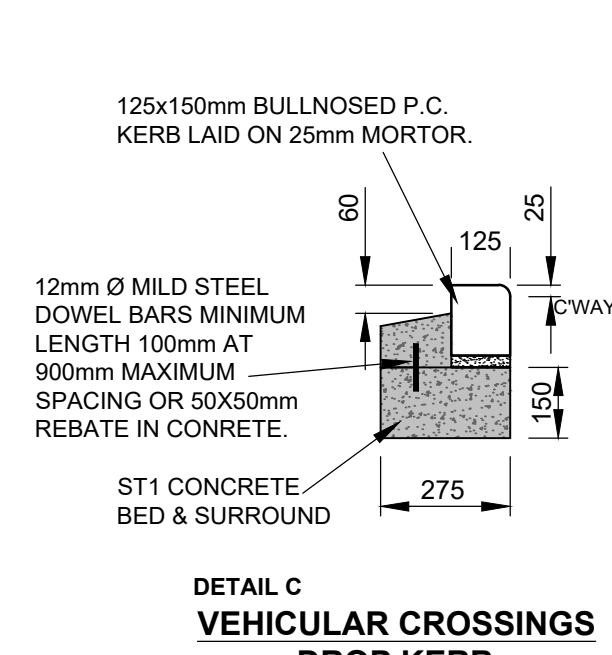
Scale (1:20)



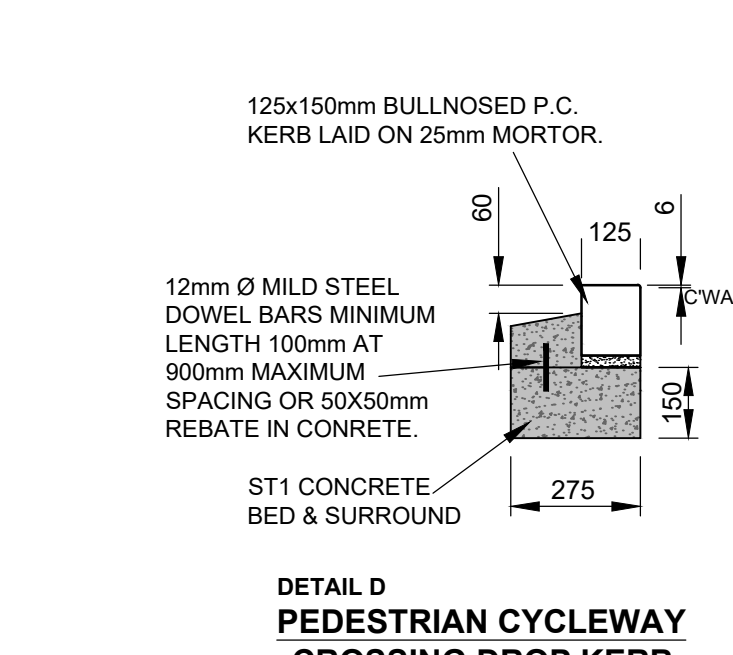
DETAIL A FOOTWAY EDGING



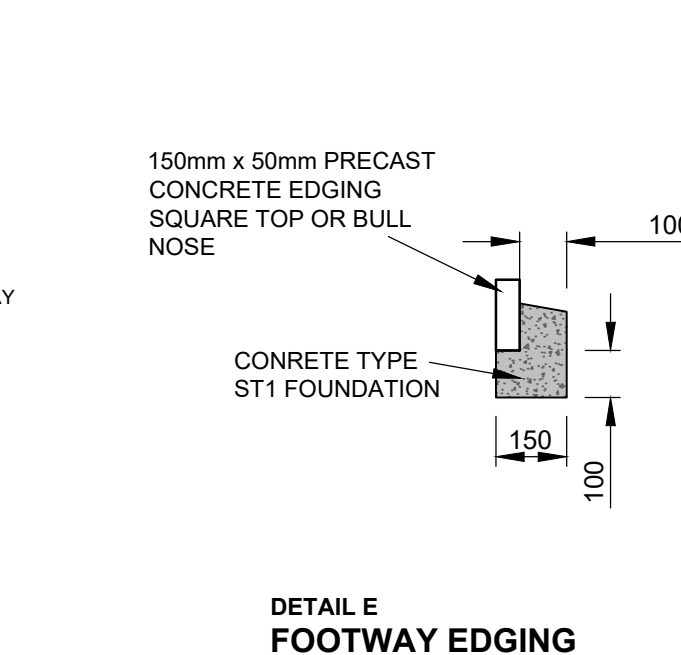
DETAIL B NEW KERB WITH 125mm UPSTAND



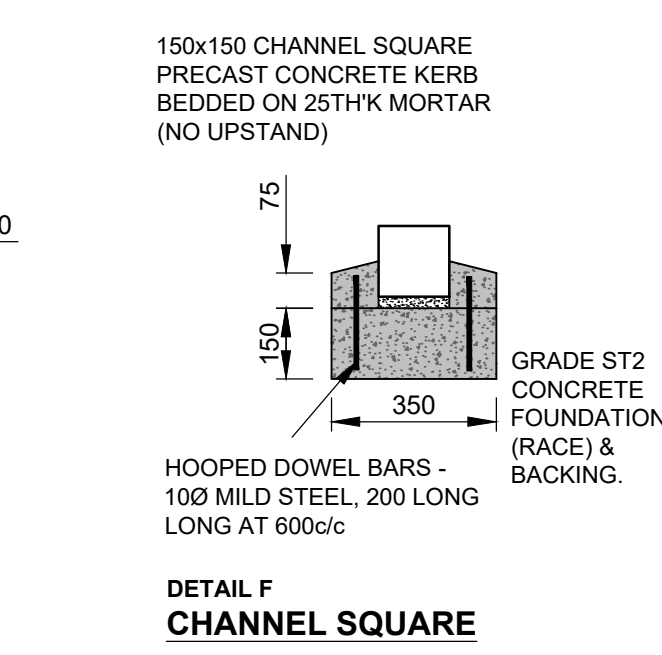
DETAIL C VEHICULAR CROSSINGS DROP KERB



DETAIL D PEDESTRIAN CYCLEWAY CROSSING DROP KERB



DETAIL E FOOTWAY EDGING



DETAIL F CHANNEL SQUARE

	UPDATED DRAWING STATUS	JSM	ZS	ZS
		28/09/24	28/09/24	28/09/24
04	UPDATED FOOTWAY CONSTRUCTION DETAIL	01/07/24	ZS	01/07/24
03	UPDATED TACTILE PAVING AND EDGING DETAILS TO SUIT HIGHWAY COMMENTS (15/03/24)	ZS	ZS	ZS
		27/03/24	27/03/24	27/03/24
02	TITLE NOW SECTION 38/278 CONSTRUCTION DETAILS. UPDATED DETAILS TO SUIT MANCHESTER CITY COUNCIL'S DETAILS	JSM	ZS	ZS
		21/12/23	10/01/24	10/01/24
01	FIRST ISSUE	SA	ZS	LF
Rev	Details	Author & Date	Checked & Date	Approved & Date
 White Rose House, Northallerton Business Park, Thurston Road, Northallerton DL6 2NA				
Client				
PROJECT NAME				
PARKMOUNT ROAD, MANCHESTER				
Drawing Title				
SECTION 38/278 CONSTRUCTION DETAILS				
Purpose				
CONSTRUCTION				
Scale	Drawn	Checked	Approved	
AS SHOWN	SA	ZS	LF	
Original Size	Date	Date	Date	
A1	19/09/2023	19/09/2023	19/09/2023	
Drawing Number		Rev.		
PV2310-APP-94-XX-DR-C-3100		C01		