

DRAWING NOTES

REFERENCE SHOULD BE MADE TO MANCHESTER CITY COUNCIL ROAD CONSTRUCTION DETAILS DRAWINGS FOR FURTHER INFORMATION RELATING TO THE CONSTRUCTION BUILD-UP PROPOSALS SHOWN ON THIS DRAWING.

REFERENCE SHOULD BE MADE TO WML EXTERNAL WORKS SPECIFICATION FOR HATCHED AREAS NOTED AS 'PRIVATE' CONSTRUCTION. IT IS ASSUMED THAT THESE AREAS WILL BE PRIVATELY MAINTAINED UNDER SHARED OWNERSHIP BETWEEN THE SERVING PROPERTIES.

ALL FOOTPATHS ARE TO HAVE A MINIMUM WIDTH IN ACCORDANCE WITH MANCHESTER CITY COUNCIL SPECIFICATION.

ALL RELOCATED STREET LIGHTING AND SIGNAGE IS TO BE UNDERTAKEN IN ACCORDANCE WITH AND BY PRIOR AGREEMENT WITH MANCHESTER CITY COUNCIL.

IN AREAS OF RE-SURFACING, RE-GRADING OR NEW PAVEMENT CONSTRUCTION ALL EXISTING MANHOLES, IC COVERS, GULLIES AND CHANNEL DRAINS ARE TO BE LOCALLY ADJUSTED TO SUIT THE NEW PAVEMENT LEVELS AND CROSSINGS POINTS UPON PRIOR AGREEMENT WITH THE RELEVANT AUTHORITIES.

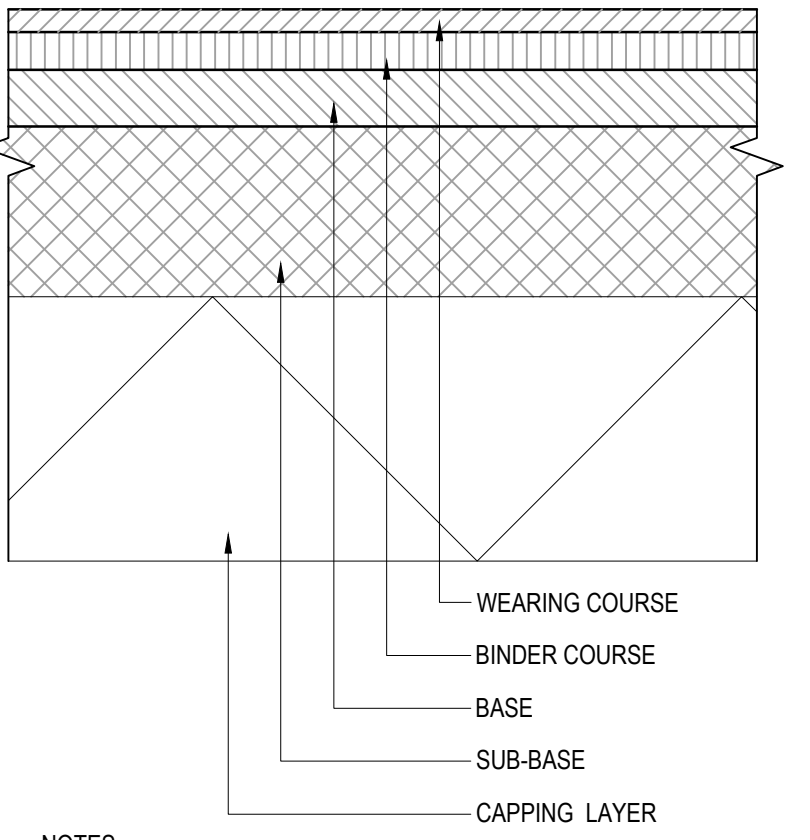
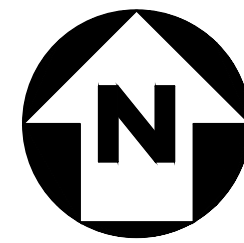
GENERAL NOTES

DO NOT SCALE FROM THIS DRAWING WORK TO FIGURED DIMENSIONS ONLY.

NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS ALLOWED WITHOUT PRIOR PERMISSION IN WRITING.

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.

THE CONTRACTOR SHALL INCORPORATE ALL THE REQUIREMENTS OF THE PRE-TENDER STAGE HEALTH AND SAFETY PLAN.

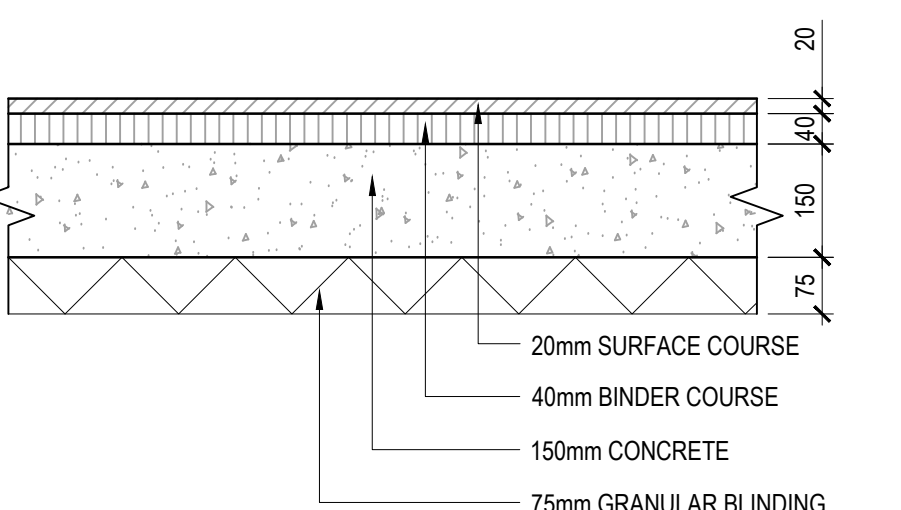


NOTES

- FOR LAYER THICKNESSES SEE APPENDIX 7.1.
- SURFACE COURSE SHALL BE A LAYER OF ASPHALT CONCRETE TO COMPLY WITH CLAUSE 912 HRA TO COMPLY WITH CLAUSE 911 OR CLAUSE 943 THIN SURFACE COURSE TO COMPLY WITH CL 942 OR AS SPECIFIED IN APPENDIX 7.1.
- BINDER COUSE SHALL BE A LAYER OF ASPHALT CONCRETE TO COMPLY WITH CLAUSE 906 OR 929 OR HRA TO COMPLY WITH CLAUSE 905 OR 945 OR AS SPECIFIED IN APPENDIX 7.1.
- BASE LAYER SHALL BE A LAYER OF ASPHALT CONCRETE TO COMPLY WITH CLAUSE 906 OR 929 OR CONCRETE AS SPECIFIED IN APPENDIX 7.1.
- MATERIAL LAID IN MULTIPLE LAYER WHERE DEPTH EXCEEDS THE NORM, AS AGREED WITH THE ENGINEER.
- SUB BASE CAN BE A LAYER OF TYPE 1 GRANULAR TO CLAUSE 803 OR CONCRETE GRADE S11 TO TABLE 10/1 CLAUSE 1001 OR AS SPECIFIED IN APPENDIX 7.1 - THICKNESS SHALL BE AGREED WITH THE ENGINEER.
- BITUMINOUS MATERIALS SHALL BE LAID IN ACCORDANCE WITH BS 9487.
- CAPPING LAYER SHALL BE CLASS 6F MATERIAL TO CLAUSE 613 IF REQUIRED. THICKNESS SHALL BE AGREED WITH ENGINEER DEPENDANT ON CBR VALUE OF THE SUBGRADE - A MINIMUM TCF 350mm SHALL BE USED.
- WHERE SITE CONDITIONS DO NOT PERMIT ADEQUATE ROLLING OF THE CAPPING SUB-BASE AND BASE LAYERS, THEN THESE LAYERS SHALL BE REPLACED WITH CONCRETE TO CLAUSE 1001 TABLE 10/1 AS DIRECTED BY THE ENGINEER.

MANCHESTER CITY COUNCIL STANDARD DETAIL
FLEXIBLE CARRIAGEWAY CONSTRUCTION

(SCALE 1:10)



MANCHESTER CITY COUNCIL STANDARD DETAIL - FLEXIBLE FOOTWAY CONSTRUCTION (DOMESTIC VEHICULAR CROSSING)

ALL WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF BS5840:2010 GENERALLY.

WEARING COURSE MATERIAL	20mm ASPHALT CONCRETE TO CLAUSE 906, 914
BINDER COURSE MATERIAL	40mm ASPHALT CONCRETE TO CLAUSE 906, 929
SUB-BASE MATERIAL	150mm WET LEAN CONCRETE TYPE S72 TO TABLE 10/1 CLAUSE 1001
BLINDING MATERIAL	75mm GRANULAR BLINDING AS REQUIRED

NOTES

- FOR KERB DETAILS SEE STANDARD DETAIL K2, K4 AND K5
- CLAUSE NUMBERS RELATE TO DEPARTMENT OF TRANSPORT SPECIFICATION FOR HIGHWAYS WORKS AMENDED AS APPROPRIATE.

MANCHESTER CITY COUNCIL STANDARD DETAIL
FLEXIBLE FOOTWAY CONSTRUCTION
(DOMESTIC VEHICULAR CROSSING)

(SCALE 1:10)

SUBJECT TO APPROVAL FROM
LOCAL PLANNING AUTHORITY
AND HIGHWAYS AUTHORITY

PRELIMINARY

P05	REVISED TO SUIT MCC HIGHWAYS COMMENTS.	04.01.23	DB	NB
P04	REVISED TO SUIT MCC HIGHWAYS COMMENTS.	16.12.22	DB	NB
P03	REVISED TO SUIT MCC HIGHWAYS COMMENTS.	07.11.22	DB	NB
P02	REVISED TO SUIT ROAD SAFETY AUDIT COMMENTS.	18.08.22	DB	NB
P01	PRELIMINARY ISSUE.	21.04.22	DB	NB

Rev.	Amendment	Date	By	Chkd
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Project
**GLENDENE,
WYTHENSHAW**

Client
BTP ARCHITECTS

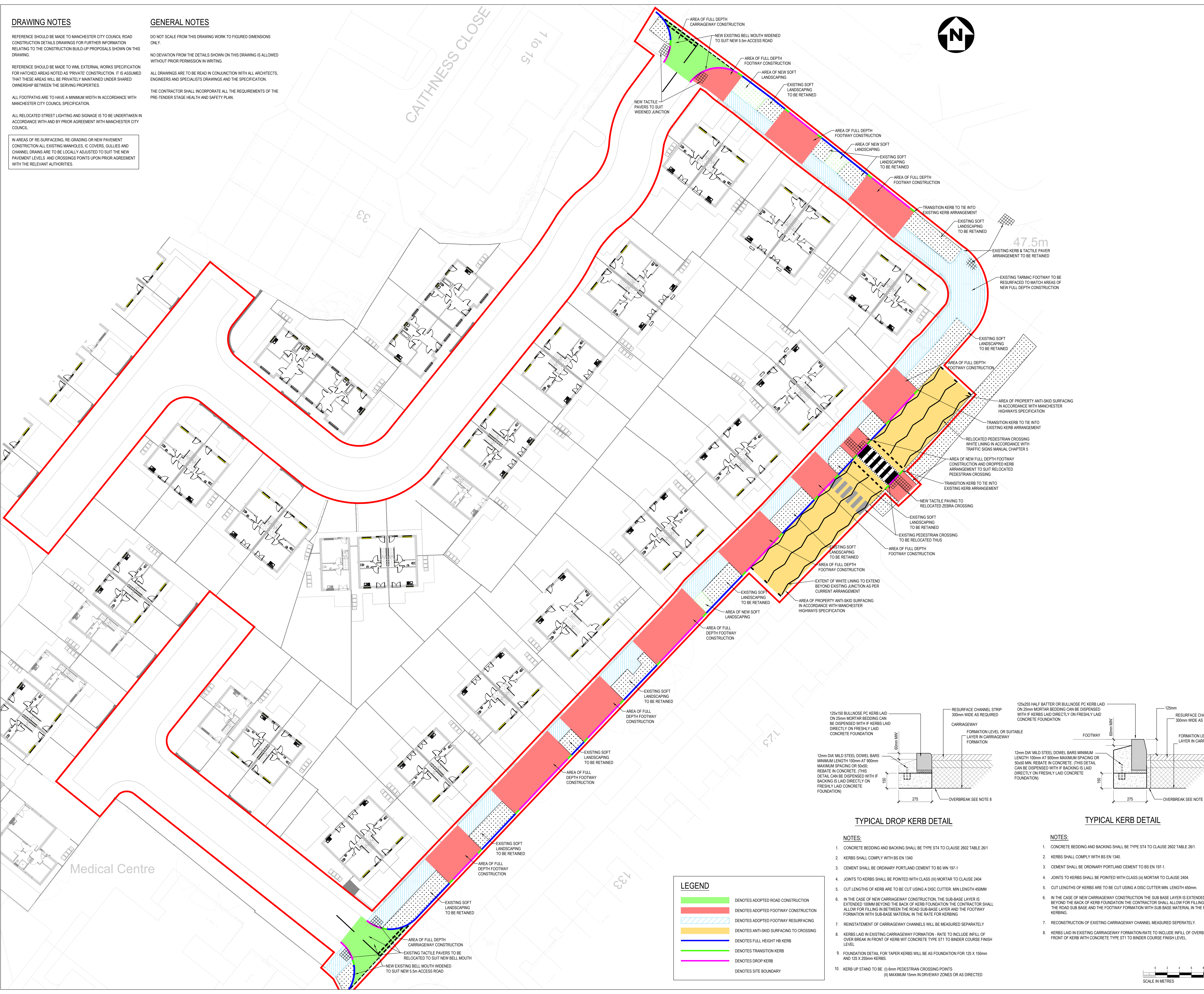
Title
**PROPOSED S278 WORKS GA & DETAILS
SHEET 1**

Drawn	DB	Checked	Log	Date	Scale
				SEPT 21	1:200 @ A0

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Project	Originator	Volume	Level	Type	Role	Number	Rev
9003	- WML - ZZ - XX - DR - C -	1041	P05				



LEGEND

- ADOTTED ROAD CONSTRUCTION
- ADOTTED FOOTWAY CONSTRUCTION
- ADOTTED FOOTWAY RESURFACING
- ANTI-SKID SURFACING TO CROSSING
- FULL HEIGHT HB KERB
- TRANSITION KERB
- DROP KERB
- SITE BOUNDARY

TYPICAL DROP KERB DETAIL

NOTES:

- CONCRETE BEDDING AND BACKING SHALL BE TYPE ST4 TO CLAUSE 2602 TABLE 261
- KERBS SHALL COMPLY WITH BS EN 1340
- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS EN 197-1
- JOINTS TO KERBS SHALL BE POINTED WITH CLASS (ii) MORTAR TO CLAUSE 2404
- CUT LENGTHS OF KERB ARE TO BE CUT USING A DISC CUTTER. MIN LENGTH 450MM
- IN THE CASE OF NEW CARRIAGEWAY CONSTRUCTION, THE SUB-BASE LAYER IS EXTENDED 100MM BEYOND THE BACK OF KERB FOUNDATION. THE CONTRACTOR SHALL ALLOW FOR FILLING IN BETWEEN THE ROAD SUB-BASE AND THE FOOTWAY FORMATION WITH SUB-BASE MATERIAL IN THE RATE FOR KERBING
- REINSTATEMENT OF CARRIAGEWAY CHANNELS WILL BE MEASURED SEPARATELY
- KERBS LAID IN EXISTING CARRIAGEWAY FORMATION - RATE TO INCLUDE INFILL OF OVERBREAK IN FRONT OF KERB WITH CONCRETE TYPE ST1 TO BINDER COURSE FINISH LEVEL
- FOUNDATION DETAIL FOR TAPER KERBS WILL BE AS FOUNDATION FOR 125 X 150mm AND 125 X 250mm KERBS
- KERB UP STAND TO BE (i) 6mm PEDESTRIAN CROSSING POINTS (ii) MAXIMUM 15mm IN DRIVEWAY ZONES OR AS DIRECTED

TYPICAL KERB DETAIL

NOTES:

- CONCRETE BEDDING AND BACKING SHALL BE TYPE ST4 TO CLAUSE 2602 TABLE 261
- KERBS SHALL COMPLY WITH BS EN 1340
- CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS EN 197-1
- JOINTS TO KERBS SHALL BE POINTED WITH CLASS (ii) MORTAR TO CLAUSE 2404
- CUT LENGTHS OF KERBS ARE TO BE CUT USING A DISC CUTTER. MIN LENGTH 450mm
- IN THE CASE OF NEW CARRIAGEWAY CONSTRUCTION THE SUB-BASE LAYER IS EXTENDED 300mm BEYOND THE BACK OF KERB FOUNDATION. THE CONTRACTOR SHALL ALLOW FOR FILLING IN BETWEEN THE ROAD SUB-BASE AND THE FOOTWAY FORMATION WITH SUB-BASE MATERIAL IN THE RATE FOR KERBING
- RECONSTRUCTION OF EXISTING CARRIAGEWAY CHANNEL MEASURED SEPARATELY
- KERBS LAID IN EXISTING CARRIAGEWAY FORMATION RATE TO INCLUDE INFILL OF OVERBREAK IN FRONT OF KERB WITH CONCRETE TYPE ST1 TO BINDER COURSE FINISH LEVEL

