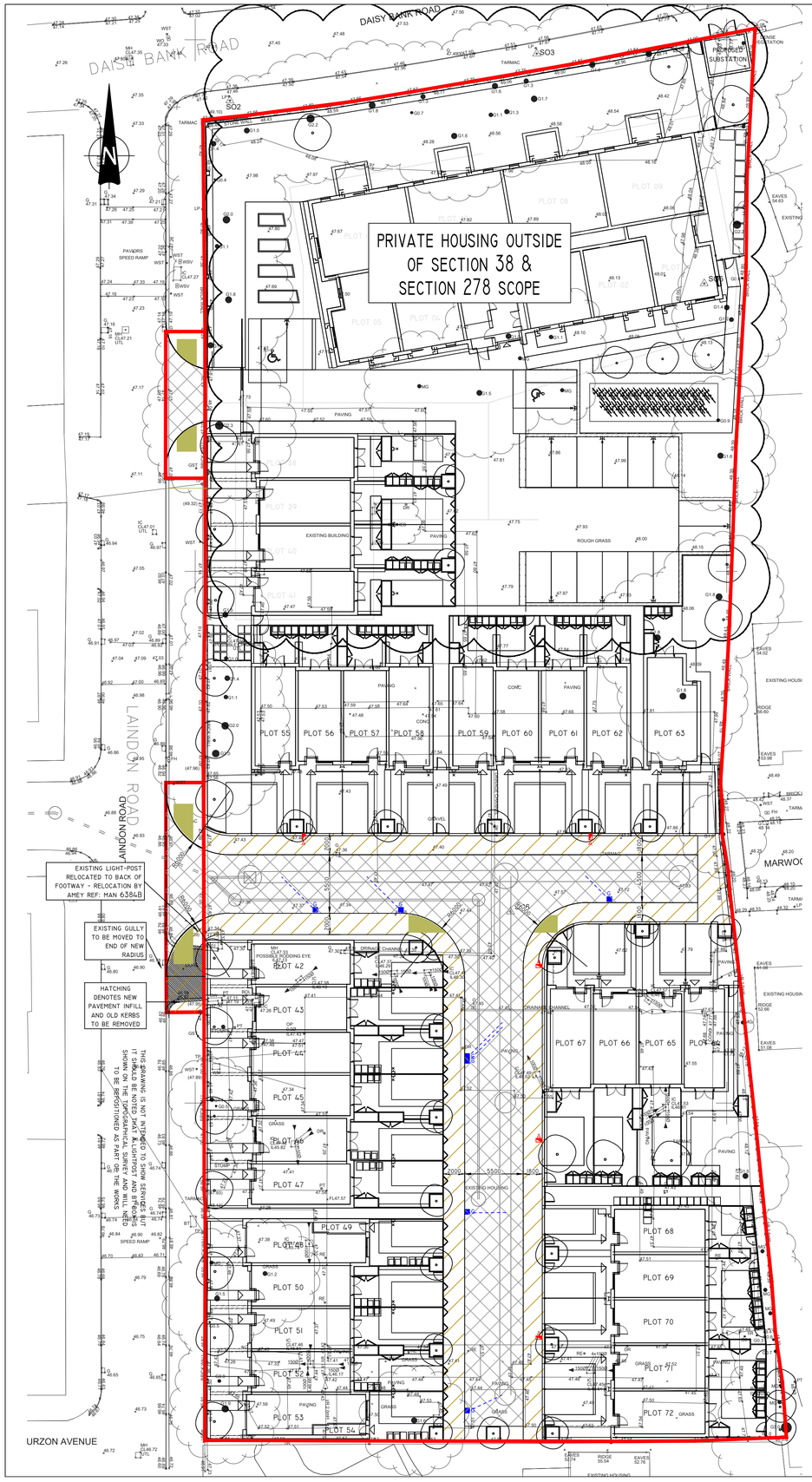
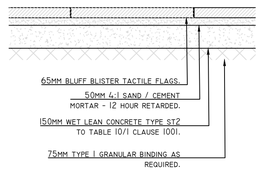


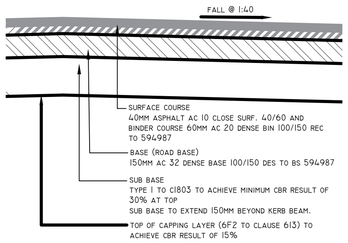
KEY:

- DENOTES ADOPTED CARRIAGEWAY BUILD-UP.
- DENOTES ADOPTED FOOTWAY BUILD-UP.
- DENOTES EXISTING COMBINED UU SEWER.
- DENOTES ADOPTED SURFACE WATER SEWER AS PART OF S104.
- DENOTES ADOPTED FOUL WATER SEWER AS PART OF S104.
- DENOTES ADOPTED COMBINED SEWER AS PART OF S104.
- DENOTES EXISTING SURFACING COURSE TO BE PLANNED OFF AND REPLACED WITH NEW 450 x 450 x 65MM BUFF TACTILE PAVERS - SUBJECT TO HIGHWAYS REVIEW
- G — DENOTES GULLY.
- A — DENOTES APPROXIMATE LIGHT-POST POSITION - AS PER BWB VPPC-BWB-00-XX-DR-E-2301 - DESIGN OUT OF SCOPE OF BMC.



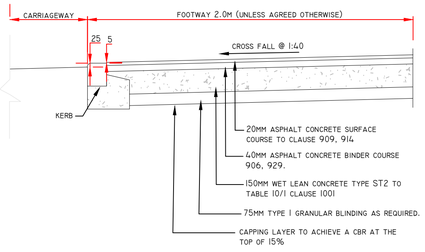
BLISTER TACTILE BUILD- UP DETAIL

N.T.S



ADOPTED CARRIAGEWAY BUILD-UP DETAIL

N.T.S



ADOPTED FOOTWAY BUILD-UP

N.T.S

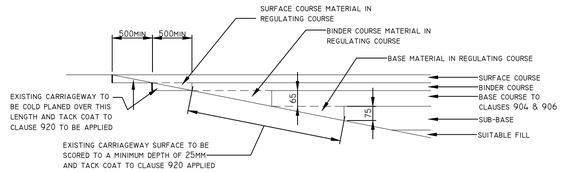
FURTHER NOTES

SUB GRADE TO BE INSPECTED AND APPROVED BY HIGHWAY AUTHORITY INSPECTOR PRIOR TO LAYING OF GSB.

CONTRACTOR SHALL ALLOW TO BLAST CLEAN OFF ANY ROAD MARKINGS (USING HIGH PRESSURE WATER SYSTEM OR SIMILAR APPROVED) THAT ARE NOT REQUIRED FOLLOWING THE COMPLETION OF THE WORKS.

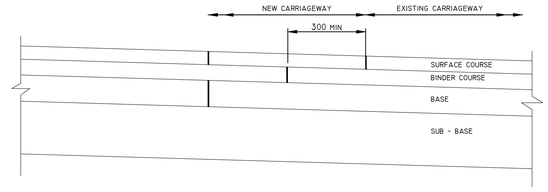
THE DEVELOPER OR HIS AGENT SHALL LIAISE WITH MANCHESTER CITY COUNCIL AND AGREE A METHOD OF TRAFFIC MANAGEMENT PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.

ALL WORKS TO ADOPTED HIGHWAY/FOOTPATH TO BE IN ACCORDANCE WITH MANCHESTER CITY COUNCIL'S STANDARD DETAILS, AND AS AGREED WITH MANCHESTER CITY COUNCIL'S APPOINTED REPRESENTATIVE



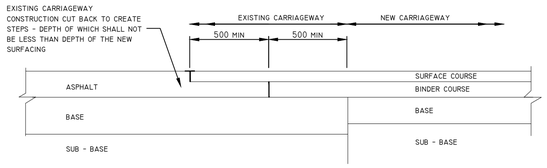
DETAIL OF TIE-IN BETWEEN NEW AND EXISTING CARRIAGEWAY

N.T.S



DETAIL OF LONGITUDINAL JOINT IN NEW CONSTRUCTION

N.T.S



DETAIL OF TRANSVERSE JOINT BETWEEN NEW AND EXISTING CARRIAGEWAY

N.T.S

CONTRACTOR IS TO MAKE AN ALLOWANCE FOR PERFORMING LOCAL CBR TESTS TO THE SATISFACTION OF MCC.

CARRIAGEWAY FORMATION SUBJECT TO CBR VALUES; THICKNESS OF SUB-BASE AND CAPPING MATERIAL WILL VARY. THE ABSOLUTE MINIMUM OVERALL ROAD CONSTRUCTION THICKNESS WILL BE 450MM TO AFFORD FROST PROTECTION.

CBR TESTS TO BE PERFORMED EVERY 10M ALONG HIGHWAY CHAINAGE.

SUBBASE ONLY TO BE TYPE 1 TO CLAUSE 803. CAPPING AND SUBBASE TO BE 6F2/5, CAPPING TO CLAUSE 613 & TYPE 1 SUBBASE TO CLAUSE 803.

SUGGESTED FOUNDATION SPECIFICATION

	INCLUDING CAPPING LAYER			EXCLUDING CAPPING LAYER
CBR AT FORMATION	CAPPING (MM)	SUB-BASE (MM)		SUB-BASE (MM)
LESS THAN 2.5%	N/A	N/A		N/A
2.5%	420	250		420
3%	380	230	OR	370
4%	320	220		320
5-15%	250	200		270
GREATER THAN 15%	-	-		-

CARRIAGEWAY AND FOOTWAY FORMATIONS TO BE TREATED WITH ASTEROID PRO HERBICIDE BY HEADLAND AGROCHEMICALS LTD, TEL:01244537370. SPECIFICATION PROVIDED BY MANCHESTER CITY COUNCIL HIGHWAYS DEPARTMENT. ALL ADOPTED ROUTES, INCLUDING KERBS, GULLIES AND FOOTWAYS ARE TO BE TREATED TWICE A YEAR DURING THE SPRING AND SUMMER MONTHS WITH ADDITIONAL TARGETED SPRAYS DURING THE BACK END OF THE SUMMER PERIOD FOR ANY PROLIFIC WEED GROWTH.

NOTES:

1. THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF BELL MUNRO CONSULTING LTD. THE DRAWING MUST NOT BE REPRODUCED IN PART OR IN WHOLE WITHOUT PRIOR WRITTEN AUTHORITY.
2. THIS DRAWING MUST NOT BE SCALED BY EITHER CONTRACTORS OR OTHER CONSULTANTS. ANY DIMENSIONAL OR SETTING - OUT DISCREPANCIES ARE TO BE REPORTED TO BELL MUNRO CONSULTING PRIOR TO CONSTRUCTION / FABRICATION COMMENCING.
3. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE RELEVANT BMC SPECIFICATIONS TOGETHER WITH THE APPROPRIATE ARCHITECTS AND SERVICES CONSULTANTS DRAWINGS AND SPECIFICATIONS.
4. READ IN CONJUNCTION WITH ALL DRAWINGS STARTING J7986/
5. ALL PRECAST CONCRETE KERBS AND QUADRANTS SHALL BE IN ACCORDANCE WITH BS EN 1340 & MCHW CLAUSE 1101.
6. DROPPED KERBS ON RADII OF LESS THAN 12000 SHALL BE 125 x 150 BULLNOSE OF THE APPROPRIATE RADIUS LAID TO 25 OR 6 FACE, AND TRANSITIONS 125 x 225 x 12.5 SPLAY OF THE APPROPRIATE RADIUS CUT TO FIT. TRANSITION KERBS TO BE PROVIDED EITHER SIDE OF DROPPED KERBS.
7. MINIMUM LENGTH OF KERB TO BE 450MM.
8. HANDLING AND LAYING OF KERBS AND CHANNELS - THE CONTRACTOR SHALL AVOID THE MANUAL HANDLING OF PRECAST CONCRETE KERBS AND CHANNELS BY USING PURPOSE-MADE MECHANICAL LIFTING EQUIPMENT FOR THEIR HANDLING, LIFTING AND LAYING.
9. ALL TRAFFIC SIGNS TO COMPLY WITH EN 12899-1-2007 AND TSRGD 2016 OR SUBSEQUENT UPDATES.
10. ALL CARRIAGEWAY MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 1994.
11. ALL SAW CUTTING TO BE WET CUT.
12. 12. ALL EXISTING UTILITIES IDENTIFIED IN SURVEY TO BE VERIFIED PRIOR TO CONSTRUCTION.

PRELIMINARY
SUBJECT TO APPROVAL FROM UU AND LLFA

REV	COMMENTS	DATE	BY
B	REVISED IN LINE WITH COMMENTS FROM HIGHWAYS	26/03/24	WR
A	REVISED IN LINE WITH COMMENTS FROM HIGHWAYS	02/02/24	WR

BMC

BELL MUNRO CONSULTING LTD

CONSULTING CIVIL & STRUCTURAL ENGINEERS
TURING HOUSE
5 ARCHWAY
MANCHESTER
M15 5RL
TEL: 0161 2098032
FAX: 0161 2098033
EMAIL: CONSULTING@BELLMUNRO.CO.UK
WWW.BELLMUNRO.CO.UK

CLIENT: BRITANNIA GROUP

PROJECT: VICTORIA PARK PROBATION CENTRE

TITLE: S38/278 GENERAL ARRANGEMENT AND SURFACING PLAN

DRAWN BY:	CHECKED BY:	SCALE:	DATE:
DB	CM	1:250	12/23

DRAWING NUMBER: J7986/ HW03

REVISION: B