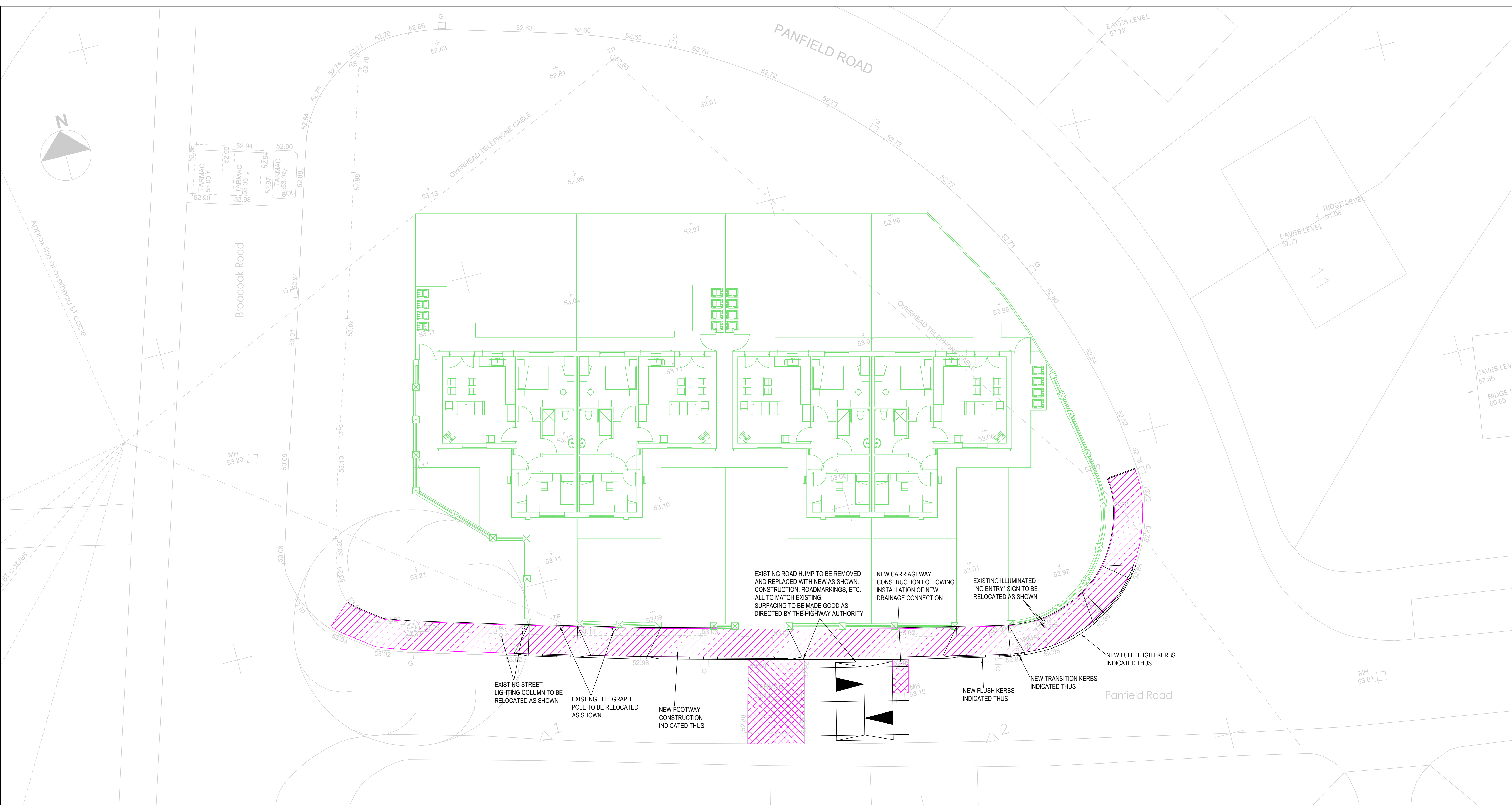




NOTES

DO NOT SCALE FROM THIS DRAWING.

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:

1. CONCRETE BEDDING AND BACKING SHALL BE TYPE ST4 TO CLAUSE 2002 TABLE 261.
2. KERBS SHALL COMPLY WITH BS EN 1340.
3. CEMENT SHALL BE ORDINARY PORTLAND CEMENT TO BS EN 197-1.
4. JOINTS TO KERBS SHALL BE POINTED WITH CLASS (ii) MORTAR TO CLAUSE 2404.
5. CUT LENGTHS OF KERBS ARE TO BE CUT USING A DISC CUTTER MIN. LENGTH 450mm.
6. 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 FALLING IN BETWEEN THE ROAD SUB-BASE AND THE FOOTWAY FORMATION WITH SUB-BASE MATERIAL.
7. KERBS LAID IN EXISTING CARRIAGEWAY FORMATION, TO INCLUDE INFILL OF OVERBREAK IN FRONT OF KERBS WITH CONCRETE TYPE ST.1 TO BINDER COURSE FINISH LEVEL.

NOTES:
TO BE READ IN CONJUNCTION WITH DETAIL C1

1. CLAUSE NUMBERS QUOTED REFER TO DEPARTMENT OF TRANSPORT SPECIFICATION FOR HIGHWAY WORKS, AMENDED AS APPROPRIATE.

2. SURFACE COURSE: HOT ROLLED ASPHALT SHALL COMPLY WITH CLAUSE 911 OR CLAUSE 943. ASPHALT CONCRETE SHALL COMPLY TO CLAUSE 912, THIN SURFACE COURSE SYSTEMS SHALL COMPLY WITH CL 942

3. CHIPPINGS SHALL COMPLY WITH CLAUSE 915 AND PLACED TO GIVE A TEXTURE DEPTH IN ACCORDANCE WITH CLAUSE 921.2

4. BINDER COURSE HOT ROLLED ASPHALT SHALL COMPLY WITH CLAUSE 905 OR 943 OR ASPHALT CONCRETE TO CLAUSE 906 OR 929

5a. BASE ASPHALT CONCRETE TO CLAUSE 906 OR 929

5b. BASE GRADE ST4 CONCRETE SHALL BE PLACED WHERE NEW CONSTRUCTION IS LESS THAN 1.5 METRE WIDE

6a. SUB-BASE IN AREAS WHERE NEW CONSTRUCTION IS OVER 1.5 METRE WIDE GRANULAR TYPE 1 MATERIAL SHALL BE USED AND SHALL COMPLY WITH CLAUSE 803

6b. SUB-BASE IN AREAS WHERE NEW CONSTRUCTION IS LESS THAN 1.5 METRE WIDE, GRADE ST1 CONCRETE SHALL BE USED OR AS SPECIFIED IN APPENDIX 7/1

7. TACK COAT BITUMEN EMULSION SHALL BE APPLIED TO ALL EXISTING SURFACING PRIOR TO OVERLAYING WITH BITUMINOUS OR ASPHALTIC MATERIALS AND SHALL COMPLY WITH CLAUSE 920 AND/OR AS STATED IN APPENDIX 7

8. EDGE-BEAM CONCRETE SHALL BE GRADE C30, SHALL BE SHUTTERED ALONG ITS FREE EDGE, SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER AND HAVE A 75mm FALL ACROSS THE TOP SURFACE TO FACILITATE THE OVERLAPPING OF SUBSEQUENT CONSTRUCTION LAYERS.

9. SHAPING OF CARRIAGEWAY MUST BE ALLOWED FOR IN THE CONTRACTORS RATES UP TO A MAXIMUM OF 25mm PER TRAFFIC LANE.

10. ALL CONCRETE SHALL COMPLY WITH CLAUSE 1001 TABLE 10/1

MANCHESTER CITY COUNCIL

Highway Services

Part of Manchester City Council

MANCHESTER CITY COUNCIL

PROJECT TITLE

Standard Details Carriageway

DATE

2020

SCALE

NTS

DESIGNED BY

AW

CHECKED BY

AW

APPROVED BY

AW

DATE

2020

PROJECT NUMBER

STANDARD DETAIL C2

REV

1

DRAWING TITLE

Notes for Carriageway Construction

STANDARD DETAIL C2

NOTES:

1. FOR LAYER THICKNESSES SEE APPENDIX 7/1

2. 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

3. BINDER COURSE SHALL BE A LAYER OF ASPHALT CONCRETE TO COMPLY WITH CLAUSE 906 OR 929 OR HRA TO COMPLY WITH CLAUSE 905 OR 943 OR AS SPECIFIED IN APPENDIX 7/1

4a. BASE SHALL BE A LAYER OF ASPHALT CONCRETE TO COMPLY WITH CLAUSE 906 OR 929 OR CONCRETE AS SPECIFIED IN APPENDIX 7/1

4b. MATERIAL LAID IN MULTIPLE LAYERS WHERE DEPTH EXCEEDS THE NORM. AS AGREED WITH THE ENGINEER

5. SUB-BASE CAN BE A LAYER OF TYPE 1 GRANULAR TO CLAUSE 803 OR CONCRETE GRADE ST1 TO TABLE 10/1 CLAUSE 1001 OR AS SPECIFIED IN APPENDIX 7/1 - THICKNESS SHALL BE AGREED WITH THE ENGINEER

6. BITUMINOUS MATERIALS SHALL BE LAID IN ACCORDANCE WITH BS 5949/87

7. CAPPING LAYER SHALL BE CLASS B6 MATERIAL TO CLAUSE 613. IF REQUIRED, THICKNESS SHALL BE AGREED WITH THE ENGINEER DEPENDENT ON CBR VALUE OF THE SUBGRADE - A MINIMUM OF 350mm SHALL BE USED

8. 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

Highway Services

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MANCHESTER CITY COUNCIL

PROJECT TITLE

Standard Details Carriageway

DATE

2020

SCALE

NTS

DESIGNED BY

AW

CHECKED BY

AW

APPROVED BY

AW

DATE

2020

PROJECT NUMBER

STANDARD DETAIL C3

REV

1

DRAWING TITLE

Flexible Carriageway Construction

STANDARD DETAIL C3

NOTES:

1. FOR ALL RELEVANT NOTES SEE STANDARD DETAIL C2

2. FOR THICKNESS OF MATERIALS SEE CONTRACT DRAWINGS AND/OR BILL OF QUANTITIES

3. ALL CONCRETE TO BE CLAUSE 1001 TABLE 10/1

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PROJECT TITLE

Standard Details Carriageway

DATE

2020

SCALE

NTS

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APPROVED BY

AW

DATE

2020

PROJECT NUMBER

STANDARD DETAIL C1

REV

1

DRAWING TITLE

Typical Section Through Carriageway Construction

STANDARD DETAIL C1

NOTES:

1. FOR ALL RELEVANT NOTES SEE STANDARD DETAIL C2

2. FOR THICKNESS OF MATERIALS SEE CONTRACT DRAWINGS AND/OR BILL OF QUANTITIES

3. ALL CONCRETE TO BE CLAUSE 1001 TABLE 10/1

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PROJECT TITLE

Standard Details Carriageway

DATE

2020

SCALE

NTS

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DATE

2020

PROJECT NUMBER

STANDARD DETAIL C1

REV

1

DRAWING TITLE

Typical Section Through Carriageway Construction

STANDARD DETAIL C1

NOTES:

1. FOR ALL RELEVANT NOTES SEE STANDARD DETAIL C2

2. FOR THICKNESS OF MATERIALS SEE CONTRACT DRAWINGS AND/OR BILL OF QUANTITIES

3. ALL CONCRETE TO BE CLAUSE 1001 TABLE 10/1

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Highway Services

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PROJECT TITLE

Standard Details Carriageway

DATE

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PROJECT NUMBER

STANDARD DETAIL C1

REV

1

DRAWING TITLE

Typical Section Through Carriageway Construction

STANDARD DETAIL C1

PRELIMINARY

P02	EXTENTS OF NEW FOOTWAY AMENDED.	10.03.20	KPT	DB
P01	PRELIMINARY ISSUE.	20.02.20	KPT	DB
Rev.	Amendment	Date	By	Chkd

Project
PANFIELD ROAD, BENCHILL SITE 1

Client
AEW ARCHITECTS & DESIGNERS LTD

Title
PROPOSED HIGHWAY WORKS LAYOUT

WML Job No.	Drawn	Checked	Date	Scale
8398	KPT	DB	FEB. 2020	1:100 @ A0

No. 8 Oak Green
East Road
Sharncliffe Business Park
Cheshire S20 6QL
Tel: 0161 442 0000
Fax: 0161 448 9210
email: info@wmlconsulting.com
www.wmlconsulting.com

Drawing No.	Project	Originator	Volume	Level	Type	Role	Number	Rev					
8398	-	WML	-	00	-	XX	-	DR	-	C	-	1003	P02