

AECOM
Roughan & O'Donovan

PROJECT
 GRANGE ROAD
 CYCLE ROUTE
 PHASE 2

CLIENT
 Comhairle Contae
 Átha Cliath Theas
 South Dublin County Council

Udarás Náisiúnta Iompair
 National Transport Authority

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ISSUE/REVISION

NO.	DATE	DESCRIPTION
A	12/06/2020	ISSUED FOR TENDER
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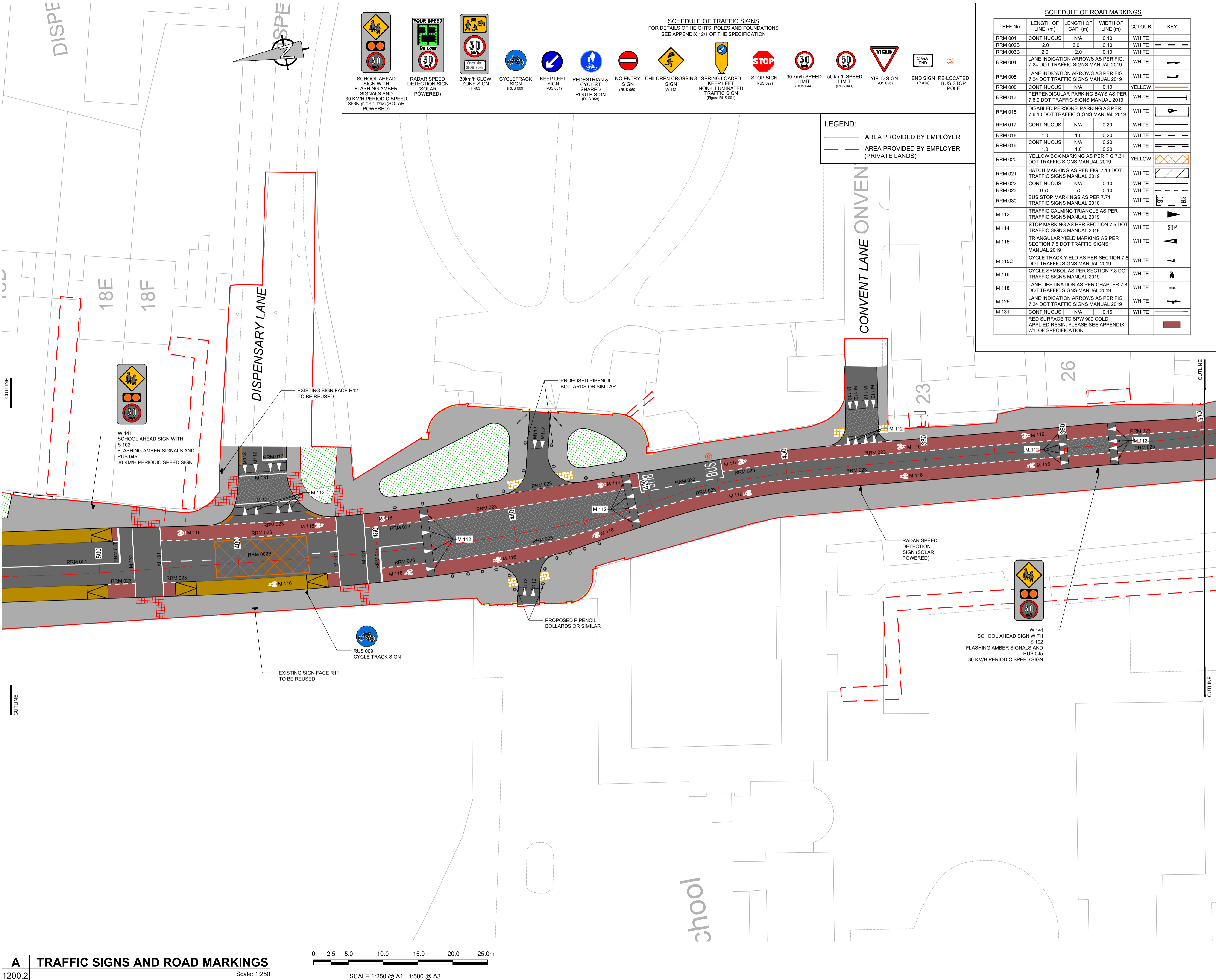
KEY PLAN

PROJECT NUMBER
 60587303

SHEET TITLE
 TRAFFIC SIGNS AND
 ROAD MARKINGS
 SHEET 1 OF 4

SHEET NUMBER
 60587303_DD_1200.1

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SCHEDULE OF TRAFFIC SIGNS
FOR DETAILS OF HEIGHTS, POLES AND FOUNDATIONS SEE APPENDIX 12/1 OF THE SPECIFICATION

SCHOOL AHEAD SIGN WITH FLASHING AMBER SIGNALS AND 30 KM/H PERIODIC SPEED SIGN (FIG 5.3.1 TSM) (SOLAR POWERED)	RADAR SPEED DETECTION SIGN (SOLAR POWERED)	30km/h SLOW ZONE SIGN (P 403)	CYCLETRACK SIGN (RUS 009)	KEEP LEFT SIGN (RUS 001)	PEDESTRIAN & CYCLIST SHARED ROUTE SIGN (RUS 008)	NO ENTRY SIGN (RUS 050)	CHILDREN CROSSING SIGN (W 142)	SPRING LOADED KEEP LEFT NON-ILLUMINATED TRAFFIC SIGN (Figure RUS 001)	STOP SIGN (RUS 027)	30 km/h SPEED LIMIT (RUS 044)	50 km/h SPEED LIMIT (RUS 043)	YIELD SIGN (RUS 028)	END SIGN (P 010)	RE-LOCATED BUS STOP POLE

SCHEDULE OF ROAD MARKINGS

REF No.	LENGTH OF LINE (m)	LENGTH OF GAP (m)	WIDTH OF LINE (m)	COLOUR	KEY
RRM 001	CONTINUOUS	N/A	0.10	WHITE	---
RRM 002B	2.0	2.0	0.10	WHITE	--- ---
RRM 003B	2.0	0.10	0.10	WHITE	---
RRM 004	LANE INDICATION ARROWS AS PER FIG. 7.24 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	→
RRM 005	LANE INDICATION ARROWS AS PER FIG. 7.24 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	←
RRM 008	CONTINUOUS	N/A	0.10	YELLOW	---
RRM 013	PERPENDICULAR PARKING BAYS AS PER 7.6.9 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	⊥
RRM 015	DISABLED PERSONS' PARKING AS PER 7.6.10 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	♿
RRM 017	CONTINUOUS	N/A	0.20	WHITE	---
RRM 018	1.0	1.0	0.20	WHITE	--- ---
RRM 019	CONTINUOUS	N/A	0.20	WHITE	---
RRM 020	YELLOW BOX MARKING AS PER FIG 7.31 DOT TRAFFIC SIGNS MANUAL 2019			YELLOW	⊠
RRM 021	HATCH MARKING AS PER FIG. 7.18 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	▨
RRM 022	CONTINUOUS	N/A	0.10	WHITE	---
RRM 023	0.75	75	0.10	WHITE	--- ---
RRM 030	BUS STOP MARKINGS AS PER 7.71 TRAFFIC SIGNS MANUAL 2019			WHITE	⊥
M 112	TRAFFIC CALMING TRIANGLE AS PER TRAFFIC SIGNS MANUAL 2019			WHITE	▲
M 114	STOP MARKING AS PER SECTION 7.5 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	■
M 115	TRIANGULAR YIELD MARKING AS PER SECTION 7.5 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	▲
M 115C	CYCLE TRACK YIELD AS PER SECTION 7.8 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	▲
M 116	CYCLE SYMBOL AS PER SECTION 7.8 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	♻
M 118	LANE DESTINATION AS PER CHAPTER 7.8 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	→
M 125	LANE INDICATION ARROWS AS PER FIG 7.24 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	→
M 131	CONTINUOUS	N/A	0.15	WHITE	---
	RED SURFACE TO SPW 900 COLD APPLIED RESIN. PLEASE SEE APPENDIX 7/1 OF SPECIFICATION.				■

LEGEND:
 - - - - - AREA PROVIDED BY EMPLOYER
 - - - - - AREA PROVIDED BY EMPLOYER (PRIVATE LANDS)



PROJECT
 GRANGE ROAD
 CYCLE ROUTE
 PHASE 2

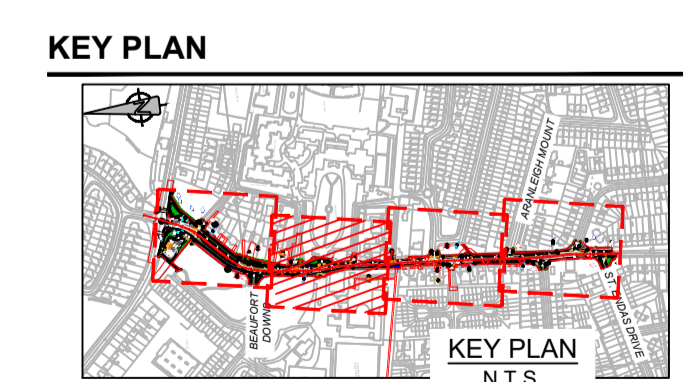


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 - ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
 - REFER TO SPECIFICATION APPENDICES 12/1, 12/3 AND 12/70.

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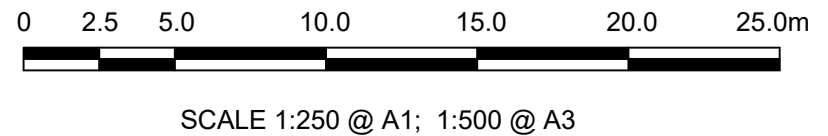


PROJECT NUMBER
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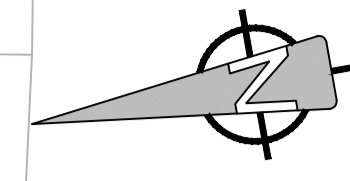
SHEET TITLE
TRAFFIC SIGNS AND
ROAD MARKINGS
SHEET 2 OF 4

SHEET NUMBER
60587303_DD_1200.2

A TRAFFIC SIGNS AND ROAD MARKINGS



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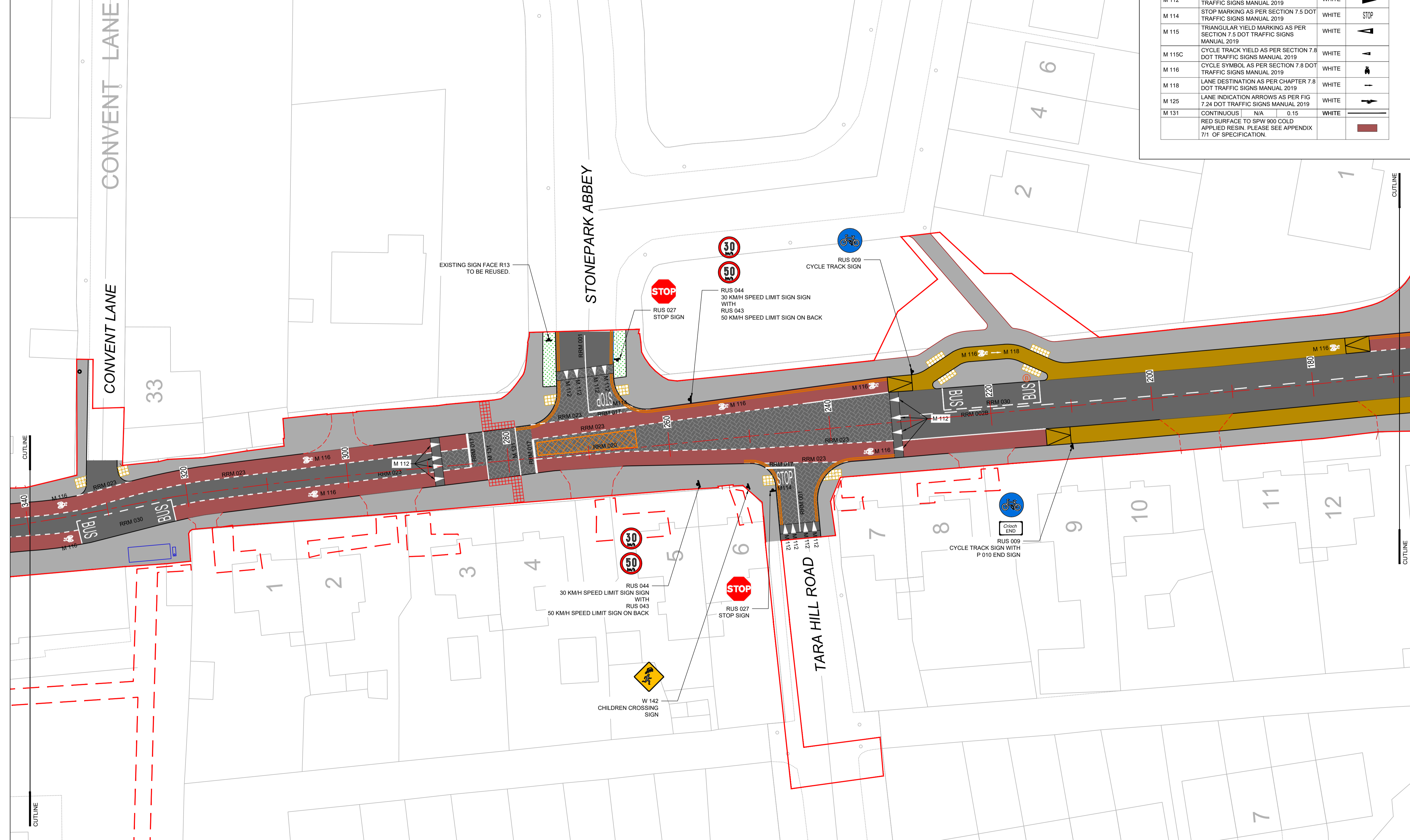
SCHEDULE OF TRAFFIC SIGNS
 FOR DETAILS OF HEIGHTS, POLES AND FOUNDATIONS SEE APPENDIX 12/1 OF THE SPECIFICATION

SCHOOL AHEAD SIGN WITH FLASHING AMBER SIGNALS AND 30 KM/H PERIODIC SPEED SIGN (FIG 5.3.1.1) (SOLAR POWERED)
 RADAR SPEED DETECTION SIGN (SOLAR POWERED)
 30km/h SLOW ZONE SIGN (F 403)
 CYCLETRACK SIGN (RUS 009)
 KEEP LEFT SIGN (RUS 001)
 PEDESTRIAN & CYCLIST SHARED ROUTE SIGN (RUS 058)
 NO ENTRY SIGN (RUS 050)
 CHILDREN CROSSING SIGN (W 142)
 SPRING LOADED KEEP LEFT NON-ILLUMINATED TRAFFIC SIGN (Figure RUS 001)
 STOP SIGN (RUS 027)
 30 km/h SPEED LIMIT (RUS 044)
 50 km/h SPEED LIMIT (RUS 043)
 YIELD SIGN (RUS 026)
 END SIGN (P 010)
 RE-LOCATED BUS STOP POLE

SCHEDULE OF ROAD MARKINGS

REF No.	LENGTH OF LINE (m)	LENGTH OF GAP (m)	WIDTH OF LINE (m)	COLOUR	KEY	
RRM 001	CONTINUOUS	N/A	0.10	WHITE	---	
RRM 002B	2.0	2.0	0.10	WHITE	--- ---	
RRM 003B	2.0	2.0	0.10	WHITE	--- ---	
RRM 004	LANE INDICATION ARROWS AS PER FIG. 7.24 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	→
RRM 005	LANE INDICATION ARROWS AS PER FIG. 7.24 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	→
RRM 008	CONTINUOUS	N/A	0.10	YELLOW	---	
RRM 013	PERPENDICULAR PARKING BAYS AS PER 7.6.9 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	⊥
RRM 015	DISABLED PERSONS' PARKING AS PER 7.6.10 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	♿
RRM 017	CONTINUOUS	N/A	0.20	WHITE	---	
RRM 018	1.0	1.0	0.20	WHITE	--- ---	
RRM 019	1.0	1.0	0.20	WHITE	--- ---	
RRM 020	YELLOW BOX MARKING AS PER FIG. 7.31 DOT TRAFFIC SIGNS MANUAL 2019				YELLOW	⊠
RRM 021	HATCH MARKING AS PER FIG. 7.18 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	▨
RRM 022	CONTINUOUS	N/A	0.10	WHITE	---	
RRM 023	0.75	75	0.10	WHITE	--- ---	
RRM 030	BUS STOP MARKINGS AS PER 7.71 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	⊥
M 112	TRAFFIC CALMING TRIANGLE AS PER TRAFFIC SIGNS MANUAL 2019				WHITE	▲
M 114	STOP MARKING AS PER SECTION 7.5 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	■
M 115	TRIANGULAR YIELD MARKING AS PER SECTION 7.5 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	▲
M 115C	CYCLE TRACK YIELD AS PER SECTION 7.8 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	▲
M 116	CYCLE SYMBOL AS PER SECTION 7.8 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	♻
M 118	LANE DESTINATION AS PER CHAPTER 7.8 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	→
M 125	LANE INDICATION ARROWS AS PER FIG. 7.24 DOT TRAFFIC SIGNS MANUAL 2019				WHITE	→
M 131	CONTINUOUS	N/A	0.15	WHITE	---	
	RED SURFACE TO SPW 900 COLD APPLIED RESIN. PLEASE SEE APPENDIX 7/1 OF SPECIFICATION.					■

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 CYCLE ROUTE
 PHASE 2

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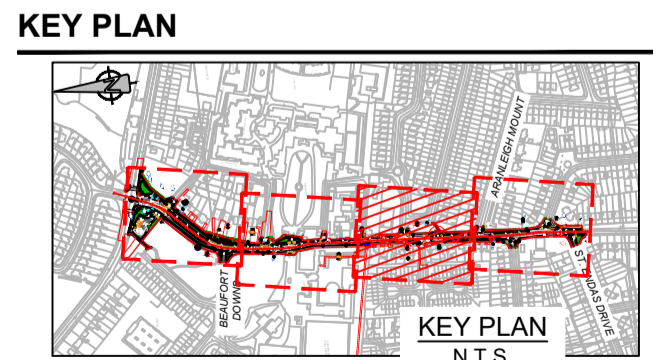
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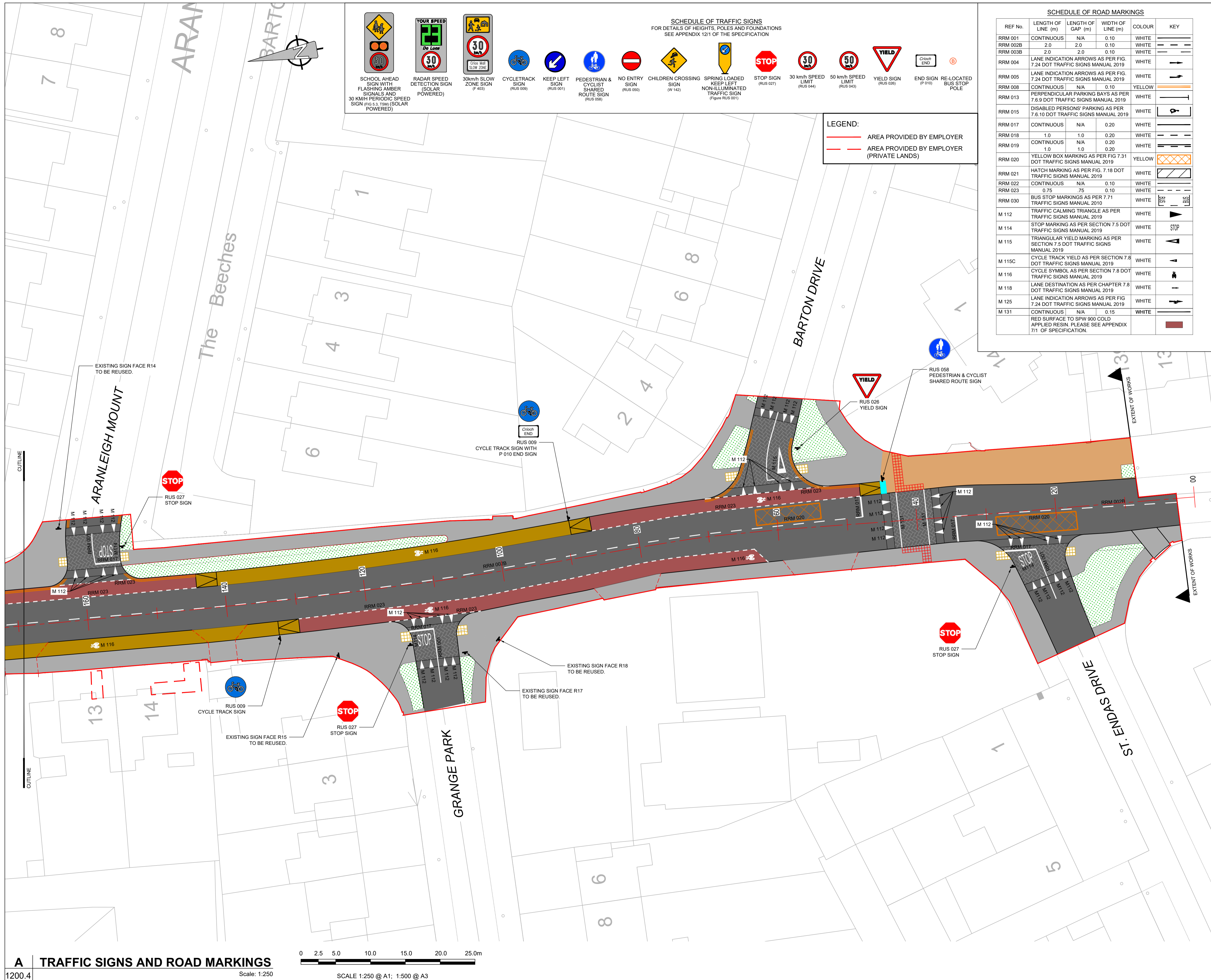
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PROJECT NUMBER
 60587303

SHEET TITLE
 TRAFFIC SIGNS AND
 ROAD MARKINGS
 SHEET 3 OF 4

SHEET NUMBER
 60587303_DD_1200.3



SCHEDULE OF TRAFFIC SIGNS
 FOR DETAILS OF HEIGHTS, POLES AND FOUNDATIONS
 SEE APPENDIX 12/1 OF THE SPECIFICATION

SCHOOL AHEAD SIGN WITH FLASHING AMBER SIGNALS AND 30 KM/H PERIODIC SPEED SIGN (RUS 003) (SOLAR POWERED)	RADAR SPEED DETECTION SIGN (SOLAR POWERED)	30km/h SLOW ZONE SIGN (F 403)	CYCLETRACK SIGN (RUS 009)	KEEP LEFT SIGN (RUS 001)	PEDESTRIAN & CYCLIST SHARED ROUTE SIGN (RUS 008)	NO ENTRY SIGN (RUS 050)	CHILDREN CROSSING SIGN (W 142)	SPRING LOADED KEEP LEFT NON-ILLUMINATED TRAFFIC SIGN (Figure RUS 001)	STOP SIGN (RUS 027)	30 km/h SPEED LIMIT (RUS 044)	50 km/h SPEED LIMIT (RUS 043)	YIELD SIGN (RUS 026)	END SIGN (P 019)	RE-LOCATED BUS STOP POLE

SCHEDULE OF ROAD MARKINGS

REF No.	LENGTH OF LINE (m)	LENGTH OF GAP (m)	WIDTH OF LINE (m)	COLOUR	KEY
RRM 001	CONTINUOUS	N/A	0.10	WHITE	---
RRM 002B	2.0	2.0	0.10	WHITE	--- ---
RRM 003B	2.0	2.0	0.10	WHITE	--- ---
RRM 004	LANE INDICATION ARROWS AS PER FIG. 7.24 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	→
RRM 005	LANE INDICATION ARROWS AS PER FIG. 7.24 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	→
RRM 008	CONTINUOUS	N/A	0.10	WHITE	---
RRM 013	PERPENDICULAR PARKING BAYS AS PER 7.6.9 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	⊥
RRM 015	DISABLED PERSONS' PARKING AS PER 7.6.10 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	♿
RRM 017	CONTINUOUS	N/A	0.20	WHITE	---
RRM 018	1.0	1.0	0.20	WHITE	--- ---
RRM 019	CONTINUOUS	N/A	0.20	WHITE	---
RRM 020	YELLOW BOX MARKING AS PER FIG 7.31 DOT TRAFFIC SIGNS MANUAL 2019			YELLOW	⊠
RRM 021	HATCH MARKING AS PER FIG. 7.18 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	▨
RRM 022	CONTINUOUS	N/A	0.10	WHITE	---
RRM 023	0.75	75	0.10	WHITE	--- ---
RRM 030	BUS STOP MARKINGS AS PER 7.71 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	⊥
M 112	TRAFFIC CALMING TRIANGLE AS PER TRAFFIC SIGNS MANUAL 2019			WHITE	▲
M 114	STOP MARKING AS PER SECTION 7.5 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	■
M 115	TRIANGULAR YIELD MARKING AS PER SECTION 7.5 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	▲
M 115C	CYCLE TRACK YIELD AS PER SECTION 7.8 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	▲
M 116	CYCLE SYMBOL AS PER SECTION 7.8 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	♻
M 118	LANE DESTINATION AS PER CHAPTER 7.8 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	→
M 125	LANE INDICATION ARROWS AS PER FIG 7.24 DOT TRAFFIC SIGNS MANUAL 2019			WHITE	→
M 131	CONTINUOUS	N/A	0.15	WHITE	---
	RED SURFACE TO SPW 900 COLD APPLIED RESIN. PLEASE SEE APPENDIX 7/1 OF SPECIFICATION.				■

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