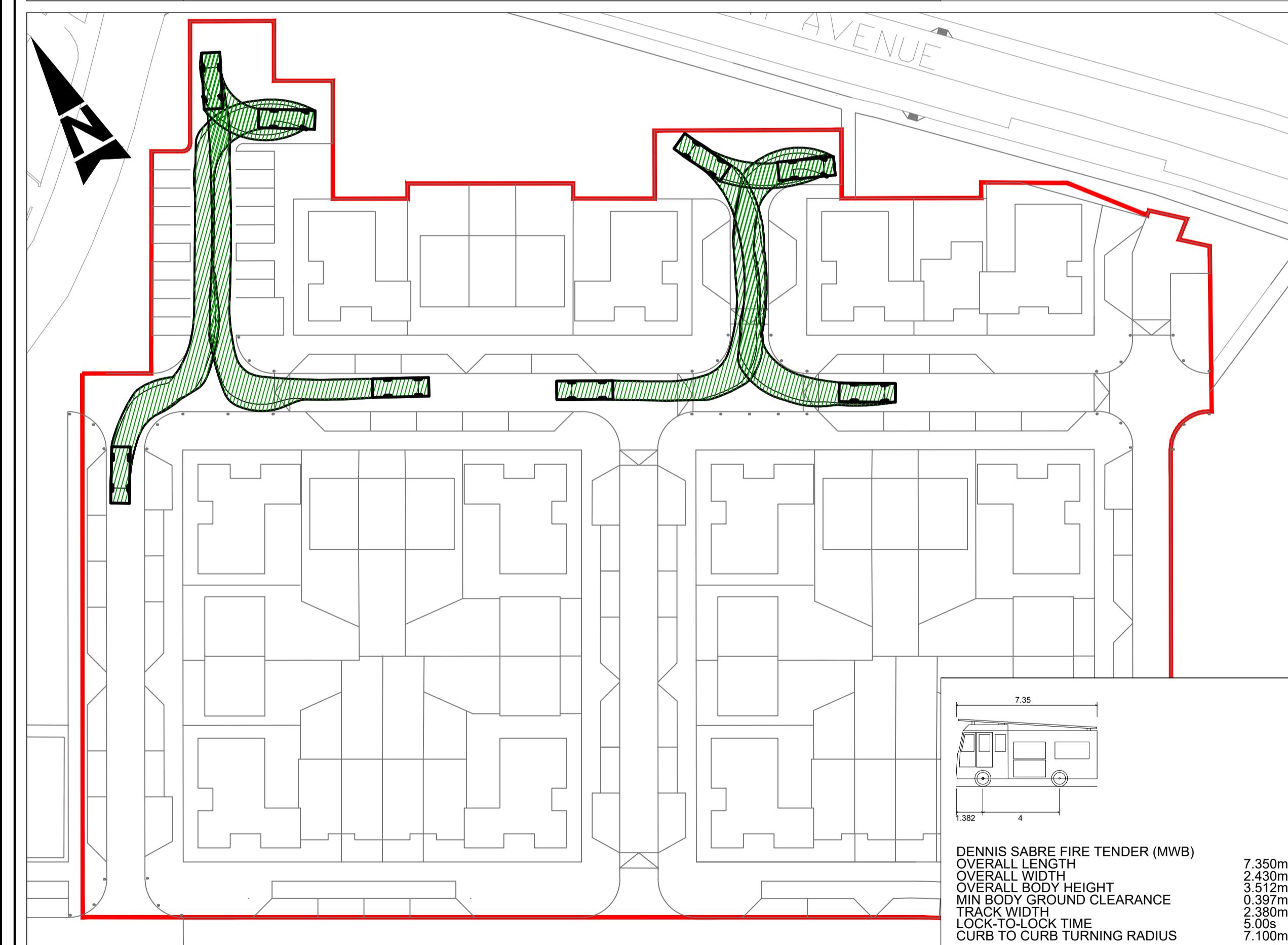
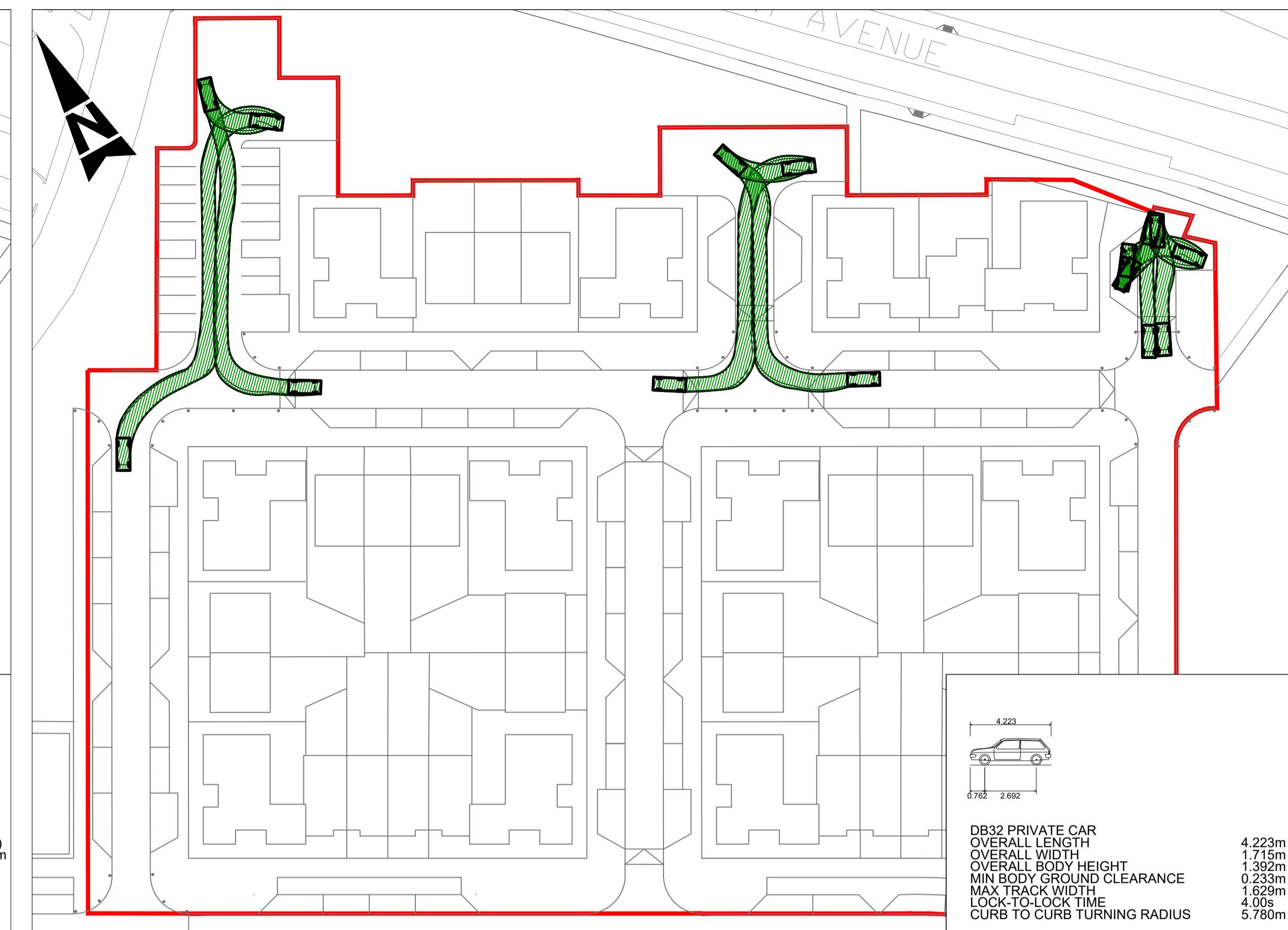
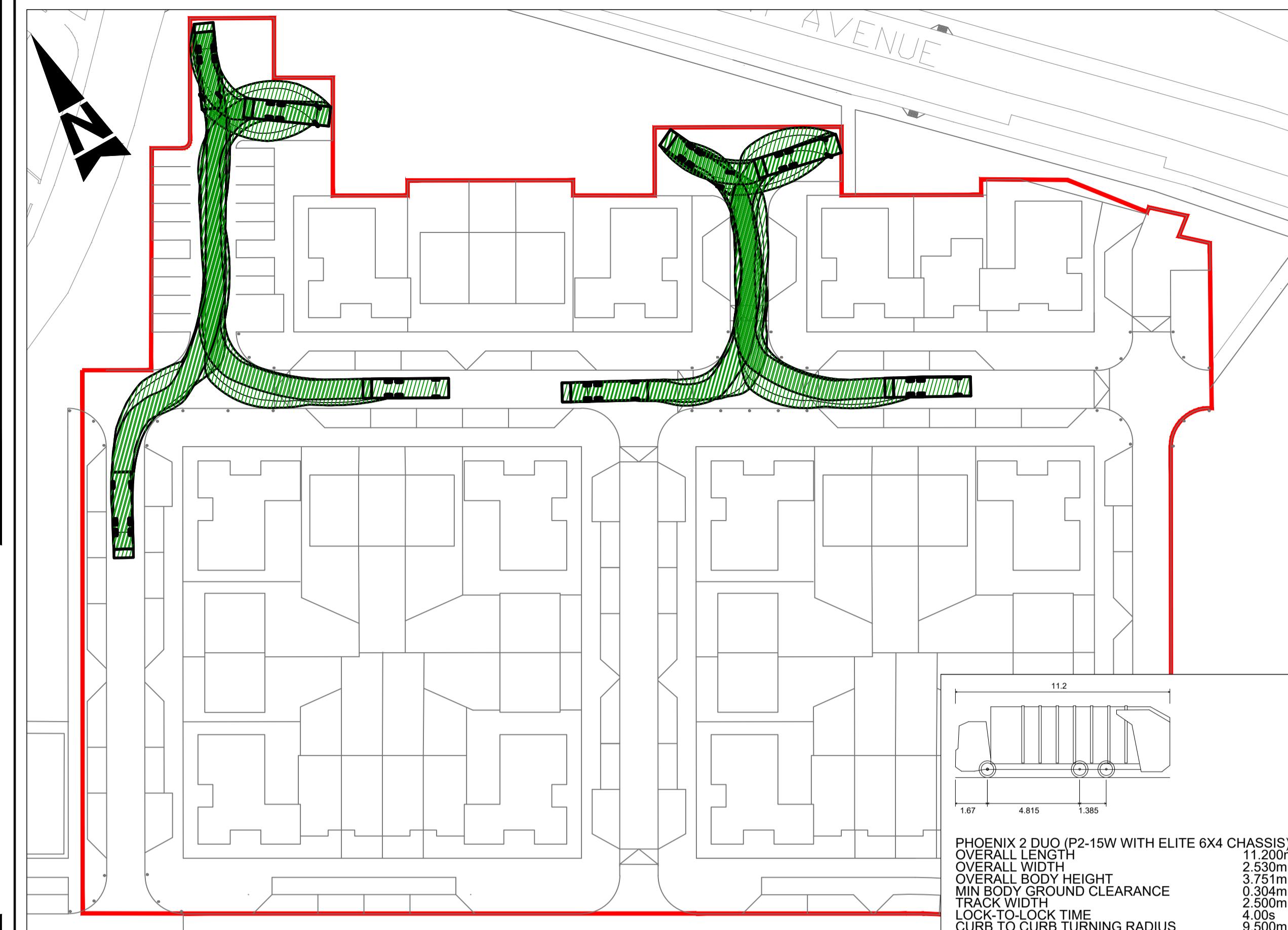


A1

DO NOT SCALE

Ditton
Plotter By:
File: CW_P3B-ATK-P3B-Z0-DR-C-950750.dwg
Date: Apr 19, 2022 - 12:4pm© ORDNANCE SURVEY IRELAND LICENSE No. AR 0082521.
ORDNANCE SURVEY IRELAND & GOVERNMENT OF IRELANDOS REFERENCE:
6382-02 6382-03

| | | | | | |
|-----|----------------------------|----|----------|-------|------|
| P04 | ISSUED FOR PART 8 PLANNING | GM | 14.04.22 | MB | MOS |
| P03 | ISSUED FOR PRE-PART 8 | GM | 23.02.22 | MK | MOS |
| P02 | REVISED FOR STAGE 2A | GM | 13.08.21 | MK | MOS |
| P01 | ISSUED FOR STAGE 2A | GM | 16.07.21 | MK | MOS |
| Rev | Description | By | Date | Chk'd | Auth |

ATKINS

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Tel: +353 21 810 8000 Fax: +353 01 810 8001

Unit 2B, 2200 Cork Airport Business Park, Cork, Ireland
Tel: +353 21 429 0300 Fax: +353 021 429 0360

2nd Floor Technology House, Parkmore Technology Park, Cork, Ireland
Tel: +353 091 778 050 Fax: +353 091 779 830

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.

LEGEND:

— PHASE 3B BOUNDARY

Purpose PART 8 PLANNING

Title VEHICLE TRACKING SHEET

| | | | | | | | |
|----------------|-----------|--------------|----------|---------|----------|------------|----------|
| Original Scale | 1:500@A1 | Design/Drawn | GM | Checked | MK | Authorised | MOS |
| | 1:1000@A3 | Date | 10.05.21 | Date | 10.05.21 | Date | 10.05.21 |

| | | |
|--------|----------------|-----|
| Status | Drawing Number | Rev |
|--------|----------------|-----|

| | | |
|---|--------------------------------|-----|
| P | CNW P3B-ATK-P3B-Z0-DR-C-950750 | P04 |
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GENERAL NOTES

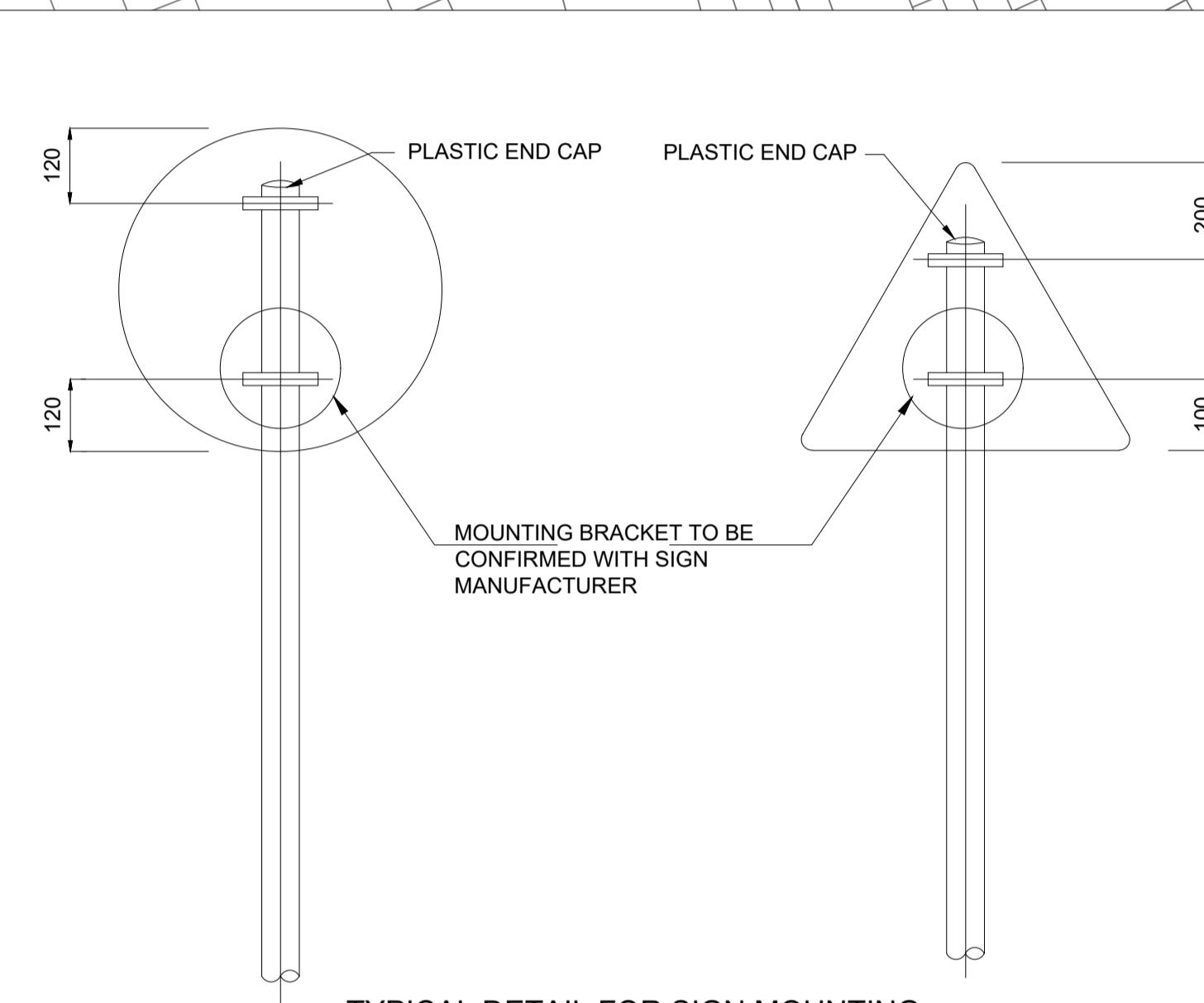
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LEGEND:

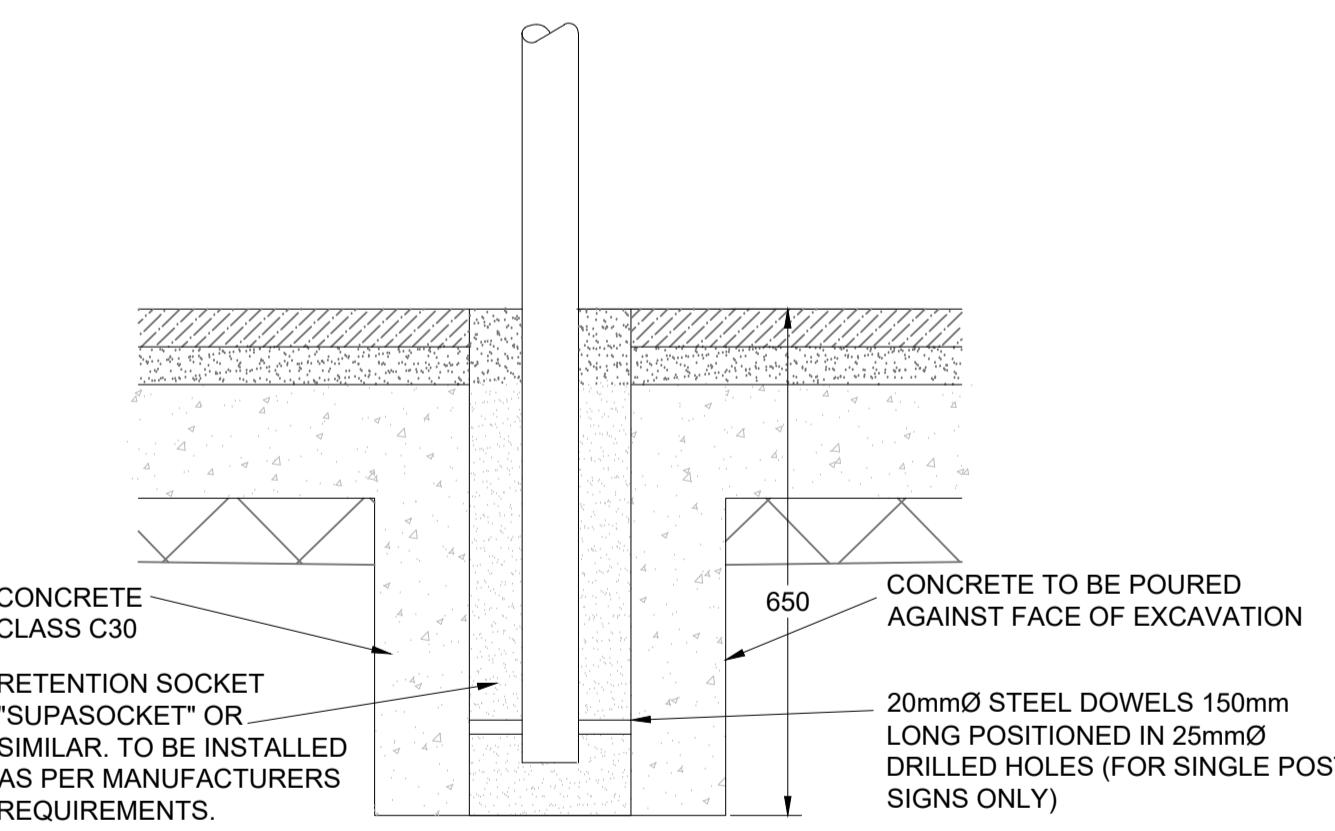
- PHASE 3B BOUNDARY
- PROPOSED BUILDING
- PROPOSED BOLLARD

A1

DO NOT SCALE



TYPICAL DETAIL FOR SIGN MOUNTING:
N.T.S.



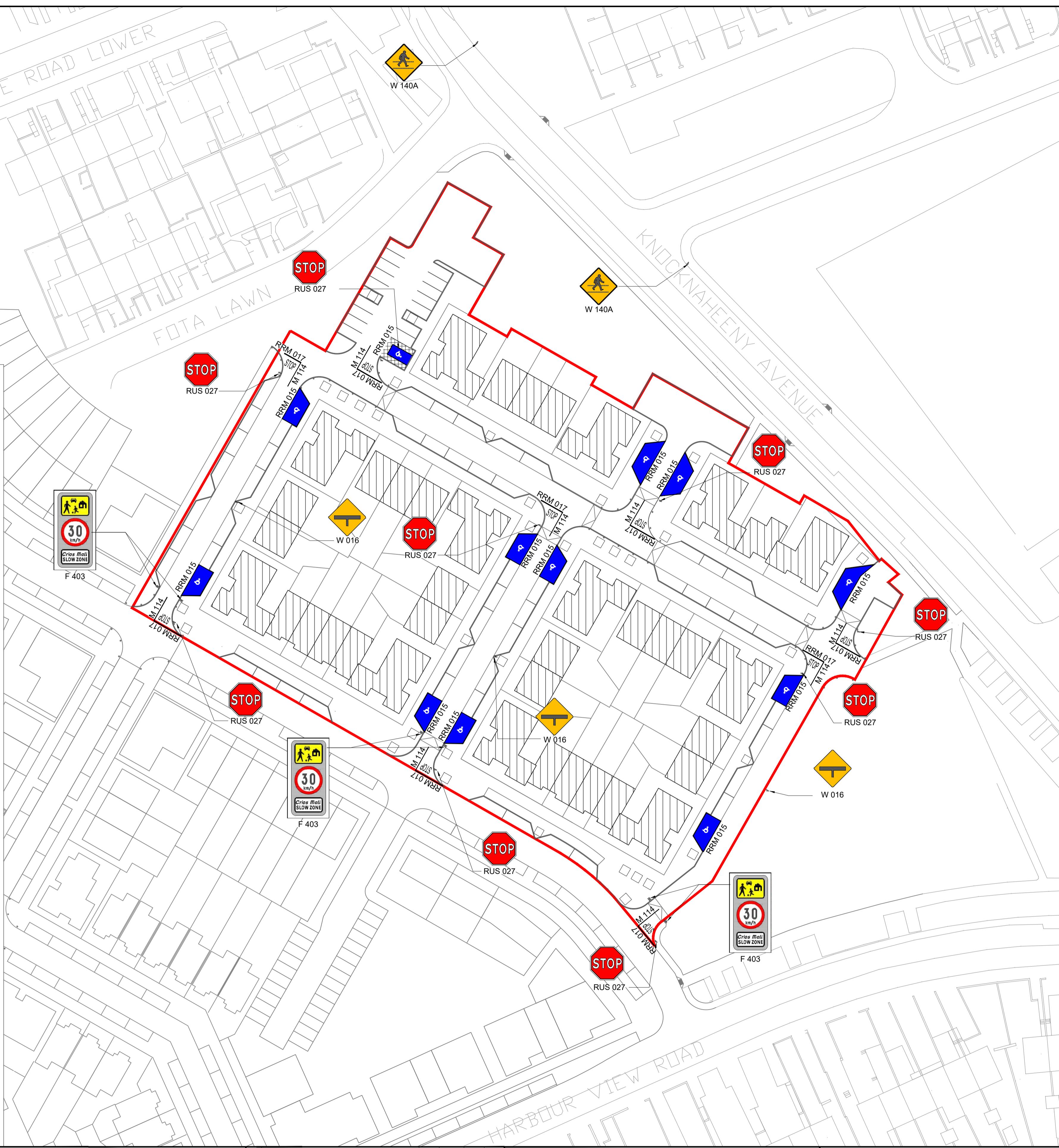
TYPICAL FOUNDATION DETAIL FOR SIGN POSTS IN PAVED AREAS:
N.T.S.

NOTES:
SIGNAGE AND SIGN HEIGHT TO BE INSTALLED IN ACCORDANCE WITH DEPARTMENT OF TRANSPORT TRAFFIC SIGNS MANUAL.
ROADMARKINGS TO BE INSTALLED IN ACCORDANCE WITH DEPARTMENT OF TRANSPORT CHAPTER 7 ROAD MARKINGS MANUAL

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File: CNW P3B-ATK-P3B-Z0-DR-C-951200.dwg
Printed by: MBran
Date: Apr 18, 2022 6:15pm

OS REFERENCE:
6362-02 6368-03



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| | | | | | |
|-----|----------------------------|----|----------|-------|------|
| P04 | ISSUED FOR PART 8 PLANNING | GM | 14.04.22 | MB | MOS |
| P03 | ISSUED FOR PRE-PART 8 | GM | 23.02.22 | MK | MOS |
| P02 | REVISED FOR STAGE 2A | GM | 13.08.21 | MK | MOS |
| P01 | ISSUED FOR STAGE 2A | GM | 16.07.21 | MK | MOS |
| Rev | Description | By | Date | Chk'd | Auth |

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Fax (+353) 021 429 0360

2nd Floor, Technology Park, Glanmire,
Cork, Ireland
Tel (+353) 021 777 850
Fax (+353) 091 779 830

Client
Cork City Council

Project
CorkNW Regeneration Quarter
Phase 3B

| Purpose | | | | PART 8 PLANNING | | | |
|----------------|--------------------------------|--|------------|-----------------|----|-----|------|
| Title | | PROPOSED ROAD SIGNS AND TRAFFIC MARKINGS | | | | | |
| Original Scale | Design/Drawn | Checked | Authorised | GM | MK | MOS | Date |
| 1:500@A1 | | | | | | | |
| 1:100@A3 | | | | | | | |
| | | | | | | | |
| Status | Drawing Number | | | | | | |
| P | CNW P3B-ATK-P3B-Z0-DR-C-951200 | | | | | | |
| | | Rev | | | | | |

GENERAL NOTES

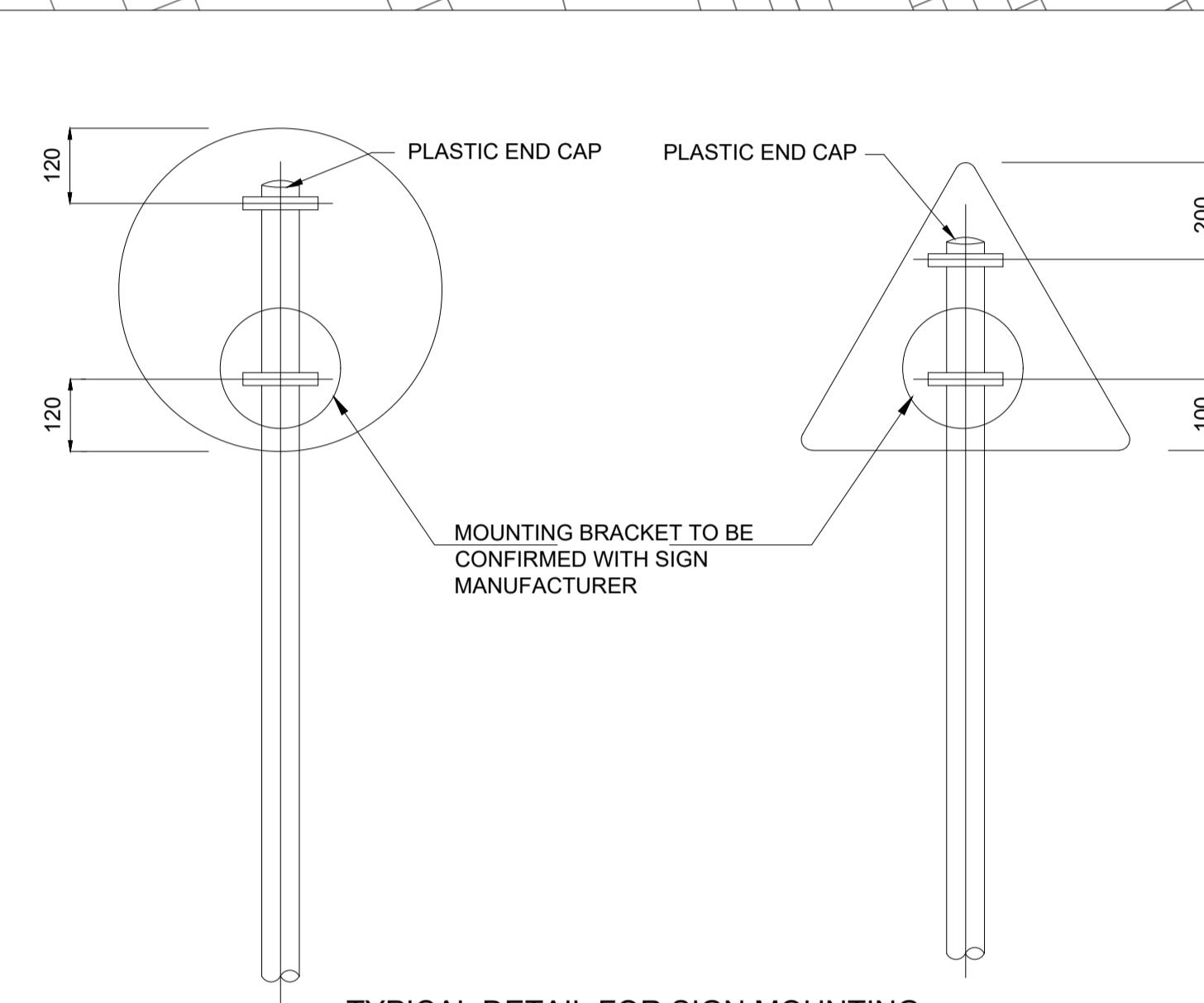
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LEGEND:

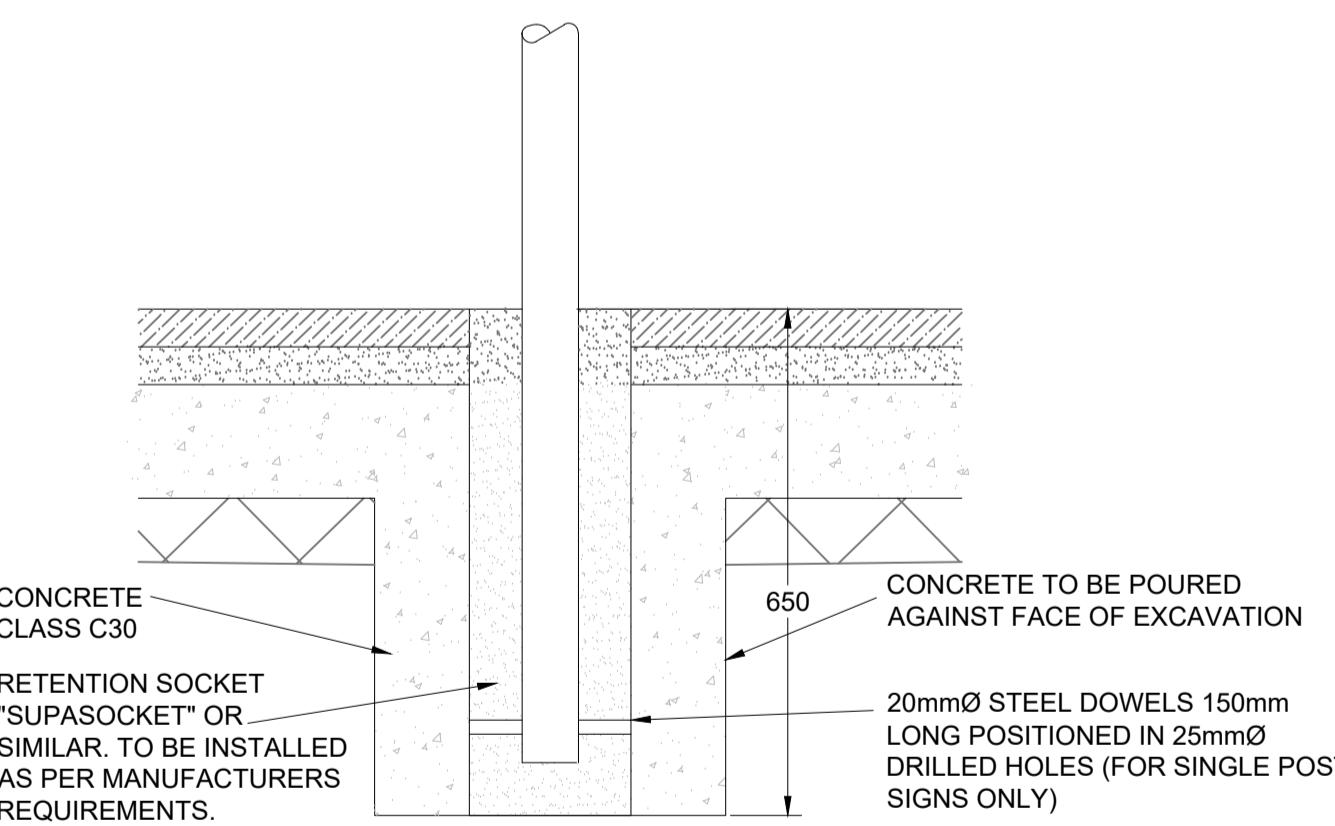
- PHASE 3B BOUNDARY
- PROPOSED BUILDING
- PROPOSED BOLLARD

A1

DO NOT SCALE



TYPICAL DETAIL FOR SIGN MOUNTING:
N.T.S.

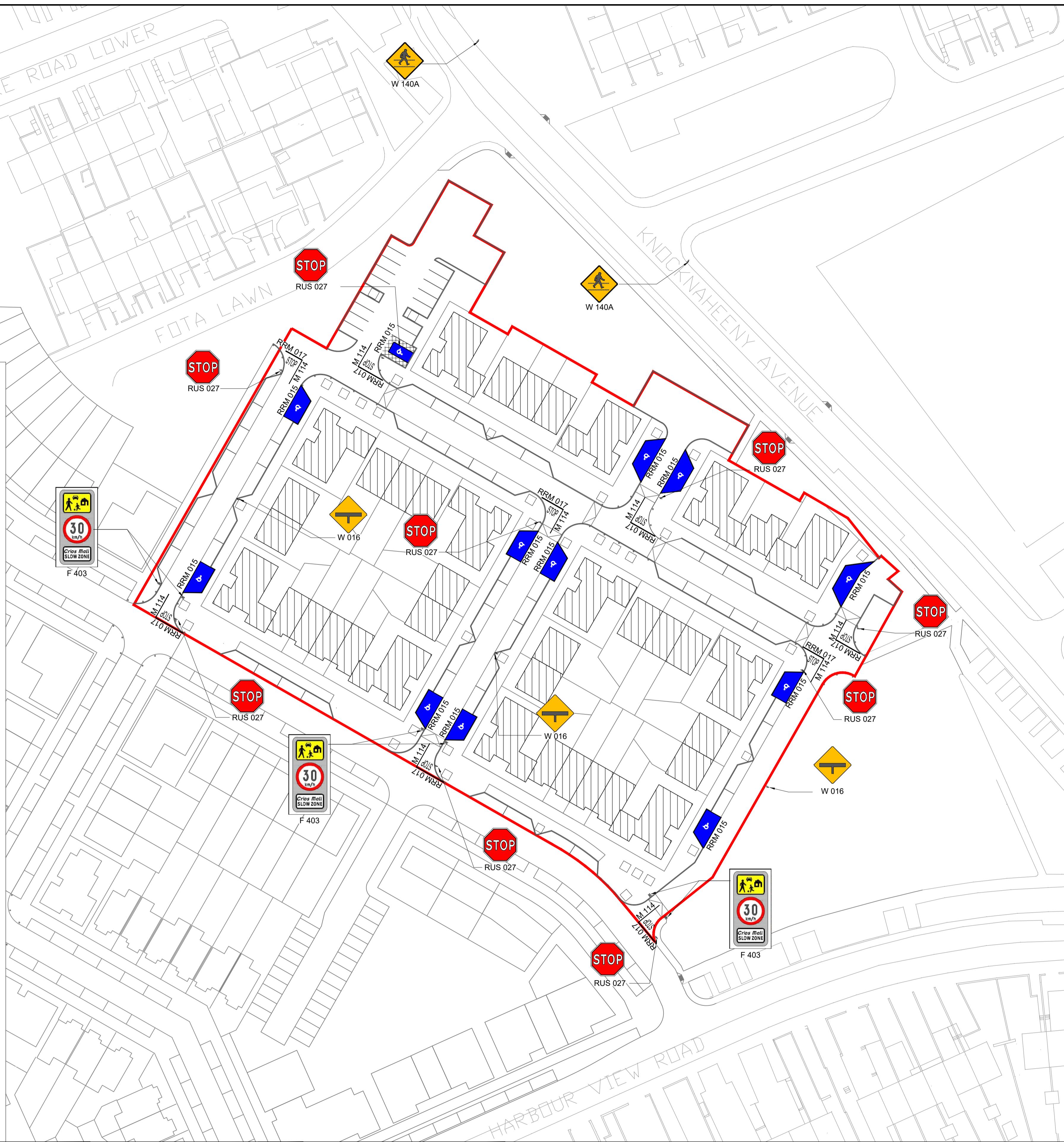


TYPICAL FOUNDATION DETAIL FOR SIGN POSTS IN PAVED AREAS:
N.T.S.

NOTES:
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ROADMARKINGS TO BE INSTALLED IN ACCORDANCE WITH DEPARTMENT OF TRANSPORT CHAPTER 7 ROAD MARKINGS MANUAL

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File: CNW P3B-ATK-P3B-Z0-DR-C-951200.dwg
Printed by: MBran
Date: Apr 18, 2022 6:15pm



OS REFERENCE:
6382-02 6382-03

| | | | | | |
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| P04 | ISSUED FOR PART 8 PLANNING | GM | 14.04.22 | MB | MOS |
| P03 | ISSUED FOR PRE-PART 8 | GM | 23.02.22 | MK | MOS |
| P02 | REVISED FOR STAGE 2A | GM | 13.08.21 | MK | MOS |
| P01 | ISSUED FOR STAGE 2A | GM | 16.07.21 | MK | MOS |
| Rev | Description | By | Date | Chk'd | Auth |

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Tel (+353) 021 588 050
Fax (+353) 091 779 830

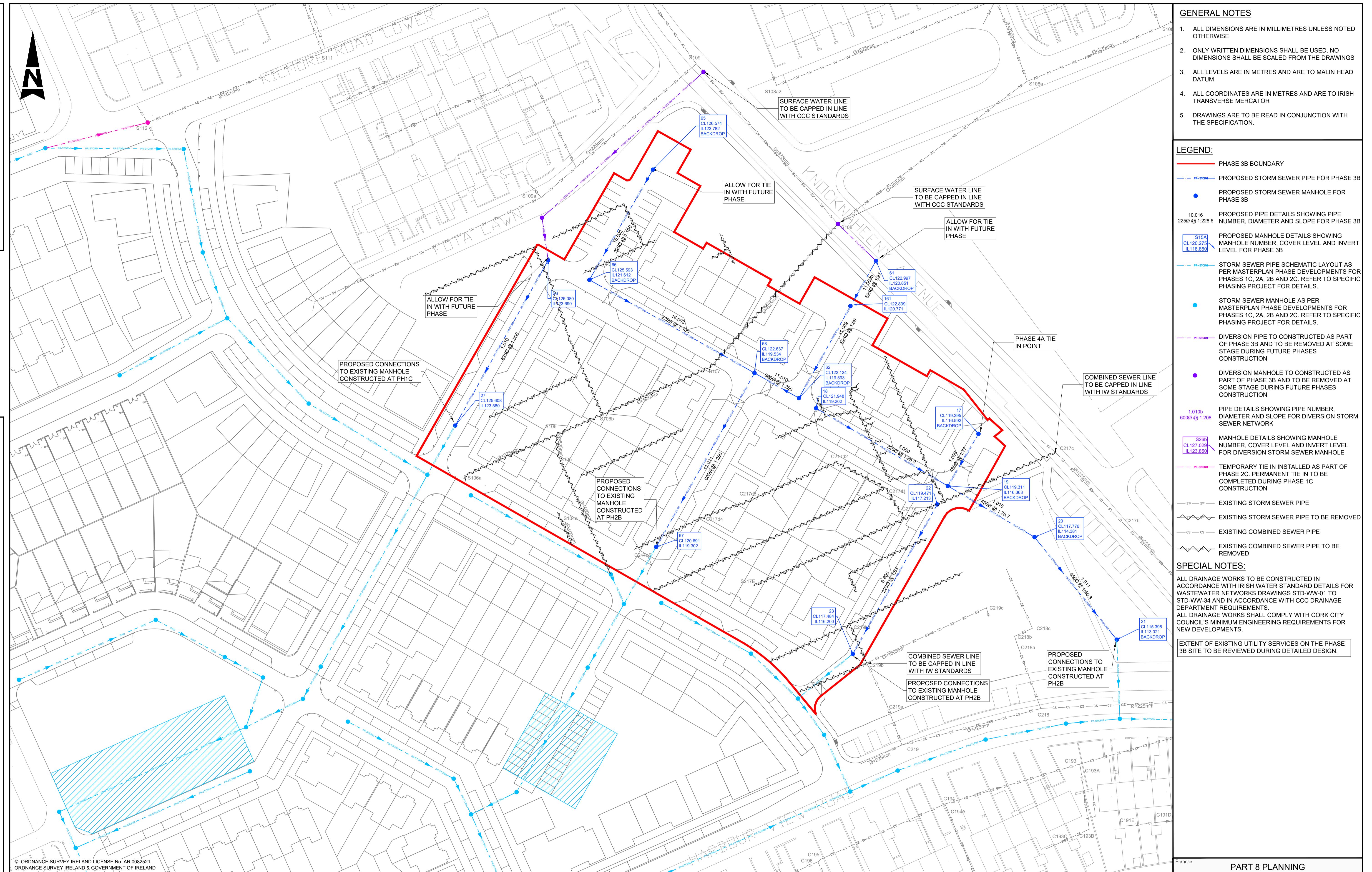
Client

Cork City Council

Project

CorkNW Regeneration Quarter
Phase 3B

| PART 8 PLANNING | | | | | |
|-----------------|--------------------------------|--|------------|------|----------|
| Title | | PROPOSED ROAD SIGNS AND TRAFFIC MARKINGS | | | |
| Original Scale | Design/Drawn | Checked | Authorised | | |
| 1:500@A1 | GM | MK | MOS | Date | 10.05.21 |
| 1:100@A3 | | | | Date | 10.05.21 |
| Status | Drawing Number | | | Rev | |
| P | CNW P3B-ATK-P3B-Z0-DR-C-951200 | | | P04 | |

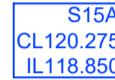
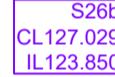


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LEGEND:

PHASE 3B BOUNDARY

- PR-STORM PROPOSED STORM SEWER PIPE FOR PHASE 3B
- PROPOSED STORM SEWER MANHOLE FOR PHASE 3B
- 10.016 2250 @ 1:228.6 PROPOSED PIPE DETAILS SHOWING PIPE NUMBER, DIAMETER AND SLOPE FOR PHASE 3B
-  PROPOSED MANHOLE DETAILS SHOWING MANHOLE NUMBER, COVER LEVEL AND INVERT LEVEL FOR PHASE 3B
- PR-STORM STORM SEWER PIPE SCHEMATIC LAYOUT AS PER MASTERPLAN PHASE DEVELOPMENTS FOR PHASES 1C, 2A, 2B AND 2C. REFER TO SPECIFIC PHASING PROJECT FOR DETAILS.
- STORM SEWER MANHOLE AS PER MASTERPLAN PHASE DEVELOPMENTS FOR PHASES 1C, 2A, 2B AND 2C. REFER TO SPECIFIC PHASING PROJECT FOR DETAILS.
- PR-STORM DIVERSION PIPE TO BE CONSTRUCTED AS PART OF PHASE 3B AND TO BE REMOVED AT SOME STAGE DURING FUTURE PHASES CONSTRUCTION
- DIVERSION MANHOLE TO BE CONSTRUCTED AS PART OF PHASE 3B AND TO BE REMOVED AT SOME STAGE DURING FUTURE PHASES CONSTRUCTION
- 1.010b 6000 @ 1:208 PIPE DETAILS SHOWING PIPE NUMBER, DIAMETER AND SLOPE FOR DIVERSION STORM SEWER NETWORK
-  MANHOLE DETAILS SHOWING MANHOLE NUMBER, COVER LEVEL AND INVERT LEVEL FOR DIVERSION STORM SEWER MANHOLE
- PR-STORM TEMPORARY TIE IN INSTALLED AS PART OF PHASE 2C. PERMANENT TIE IN TO BE COMPLETED DURING PHASE 1C CONSTRUCTION
- SW — SW — EXISTING STORM SEWER PIPE
- SW — SW — EXISTING STORM SEWER PIPE TO BE REMOVED
- CS — CS — EXISTING COMBINED SEWER PIPE
- CS — CS — EXISTING COMBINED SEWER PIPE TO BE REMOVED

SPECIAL NOTES:

ALL DRAINAGE WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS FOR WASTEWATER NETWORKS DRAWINGS STD-WW-01 TO STD-WW-34 AND IN ACCORDANCE WITH CCC DRAINAGE DEPARTMENT REQUIREMENTS.

ALL DRAINAGE WORKS SHALL COMPLY WITH CORK CITY

ALL DRAINAGE WORKS SHALL COMPLY WITH DUBLIN CITY COUNCIL'S MINIMUM ENGINEERING REQUIREMENTS FOR NEW DEVELOPMENTS.

EXTENT OF EXISTING UTILITY SERVICES ON THE PHASE 3B SITE TO BE REVIEWED DURING DETAILED DESIGN.

PART 8 PLANNING

PROPOSED SURFACE WATER LAYOUT

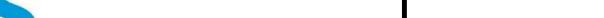
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| Original Scale | Design/Drawn | Checked | Authorised |
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| 1:500@A1 | GM | MK | MOS |
| 1:1000@A3 | Date 10.05.21 | Date 10.05.21 | Date 10.05.21 |

| Status | Drawing Number | Rev |
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| P | CNW P3B-ATK-P3B-Z0-DR-C-960500 | P04 |

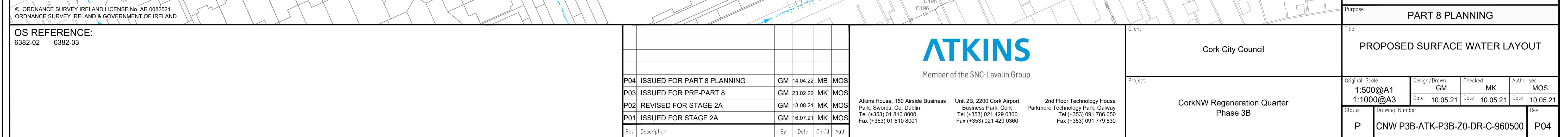
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OS REFEREN
6382-02 6382-03

| PROPOSED SURFACE WATER ACO | | | | | | | | | | | | | | | | | |
|---|---------------|---------------|---------------|-------|------|----------------|--------------|---------|------------|--------|----|---|-----|---------|---------------|---------------|---------------|
| Cork City Council | | | | | | | | | | | | | | | | | |
|  Member of the SNCI Alliance Group | | | | | | | | | | | | | | | | | |
| Cork NW Regeneration Quarter Phase B3 | | | | | | | | | | | | | | | | | |
| Project: Cork NW Regeneration Quarter Phase B3 | | | | | | | | | | | | | | | | | |
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| Original Scale | Design/Drawn | Checked | Authorised | | | | | | | | | | | | | | |
| 500@A1 | GM | M | MOS | | | | | | | | | | | | | | |
| 1100@A3 | Date 10.05.21 | Date 10.05.21 | Date 10.05.21 | | | | | | | | | | | | | | |
| Site: Drawing Number Rev P CNW P3B3-ATK-PB-Z-D-R-C-96500 P04 | | | | | | | | | | | | | | | | | |
| Rev | Description | By | Date | Chk'd | Auth | | | | | | | | | | | | |
| P04 ISSUED FOR PART 8 PLANNING GM 14.04.22 MB MOS P03 ISSUED FOR PRE-PART 8 GM 23.02.22 MK MOS P02 REVISED FOR STAGE 2A GM 13.08.21 MK MOS P01 ISSUED FOR STAGE 2A GM 16.07.21 MK MOS | | | | | | | | | | | | | | | | | |
| Atkins House, 150 Airside Business Park, Swords, Co. Dublin Tel (+353) 01 810 8000 Fax (+353) 01 810 8001 | | | | | | | | | | | | | | | | | |
| Unit 2B, 200 Cork Airport Business Park, Cork Tel (+353) 021 493 000 Fax (+353) 021 493 030 | | | | | | | | | | | | | | | | | |
| 2nd Floor Technology House, Parrotree Technology Park, Galway Tel (+353) 9178650 Fax (+353) 9177930 | | | | | | | | | | | | | | | | | |

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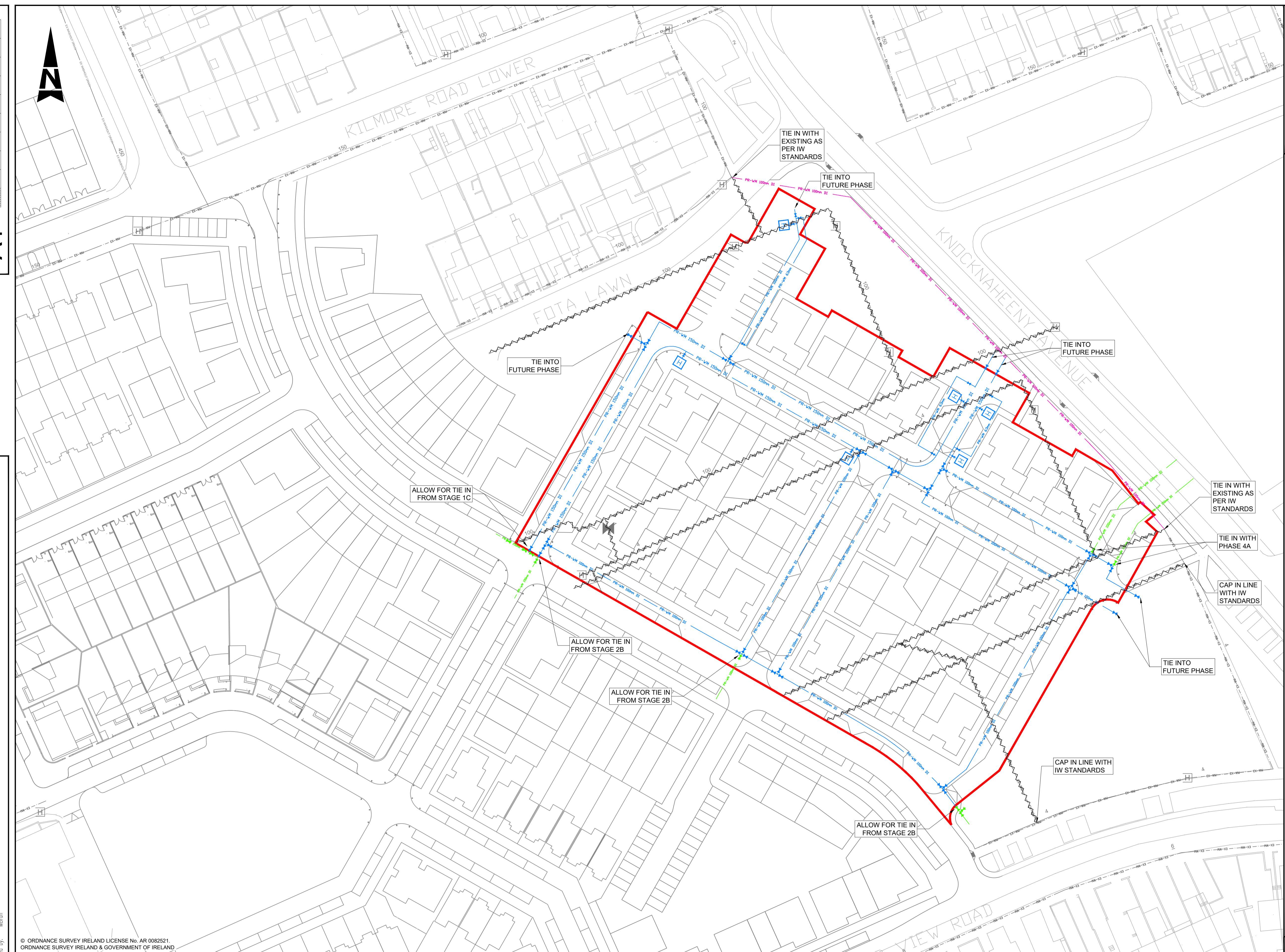
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| | | | |
|---|--|--|--|
| <p>© ORDNANCE SURVEY IRELAND LICENSE No. AR 0082521. ORDNANCE SURVEY IRELAND & GOVERNMENT OF IRELAND</p>  | | <p>Purpose PART 8 PLANNING</p> | |
| <p>OS REFERENCE: 6382-02 6382-03</p> | | <p>Client Cork City Council</p> | |
| <p>Project Cork NW Regeneration Quarter Phase 3B</p> | | <p>Title PROPOSED SURFACE WATER LAYOUT</p> | |
| <p>Document Details</p> | | <p>Client Details</p> | |
| <p>P04 ISSUED FOR PART 8 PLANNING P03 ISSUED FOR PRE-PART 8 P02 REVISED FOR STAGE 2A P01 ISSUED FOR STAGE 2A</p> | | <p>GM 14.04.22 MB MOS GM 23.02.22 MK MOS GM 13.08.21 MK MOS GM 16.07.21 MK MOS</p> | |
| <p>Original Scale 1:500 @ A1 1:1000 @ A3</p> | | <p>Design Drawn GM</p> | |
| <p>Date 10.05.21</p> | | <p>Checked MK</p> | |
| <p>Date 10.05.21</p> | | <p>Authorised MK MOS</p> | |
| <p>Status Drawing Number P CINW P3-B-A-TK-PB-Z-0-DR-C-90650</p> | | <p>Rev P04</p> | |
| <p>Atkins Member of the SNCI Alliance Group</p> <p>Atkins House, 150 Airside Business Park, Swords, Co. Dublin Tel (+353) 01 810 8000 Fax (+353) 01 810 8001</p> <p>Unit B3, 200 Cork Airport Business Park, Cork Tel (+353) 021 249 300 Fax (+353) 021 249 300</p> <p>2nd Floor Technology House, Parkmore Technology Park, Galway Tel (+353) 091 786 050 Fax (+353) 091 779 830</p> | | | |

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A1

DO NOT SCALE

File: CNW P3B-ATK-P3B-Z0-DR-C-962700.dwg
Potted by: MBran
Date: Apr 18, 2022 - 7:28pm© ORDNANCE SURVEY IRELAND LICENSE No. AR 0082521.
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5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.

LEGEND:

- PHASE 3B BOUNDARY
- PROPOSED Ø150mm DI WATERMAIN - WITHIN PHASE 3B PROJECT
- PROPOSED Ø100mm DI WATERMAIN - WITHIN PHASE 3B PROJECT
- PROPOSED Ø63mm DI WATERMAIN - WITHIN PHASE 3B PROJECT
- PROPOSED Ø100 DI DIVERSION WATERMAIN - WITHIN PHASE 3B PROJECT
- PROPOSED SLUICE VALVE - WITHIN PHASE 3B PROJECT
- PROPOSED HYDRANT - WITHIN PHASE 3B PROJECT
- Ø150mm DI WATERMAIN - OUTSIDE PHASE 3B PROJECT
- Ø100mm DI WATERMAIN - OUTSIDE PHASE 3B PROJECT
- SLUICE VALVE - OUTSIDE PHASE 3B PROJECT
- EXISTING WATERMAIN PIPE
- EXISTING WATERMAIN PIPE TO BE REMOVED

SPECIAL NOTES:

ALL WATERMAINS WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS FOR WATER NETWORKS DRAWINGS STD-W-01 TO STD-W-37. ALL WATERMAINS WORKS SHALL COMPLY WITH CORK CITY COUNCIL'S MINIMUM ENGINEERING REQUIREMENTS FOR NEW DEVELOPMENTS, SUCH REQUIREMENTS INCLUDE (BUT ARE NOT EXCLUSIVE TO): ALL VALVE TO BE ANTICLOCKWISE CLOSING, ALL FITTINGS TO BE PUSH FIT, SLUICE VALVES SHALL BE PLACED ON ALL BRANCHES INCLUDING HYDRANTS, ALL ROAD AND FOOTWAY WATER FITTING COVERS SHALL BE MARKED TO INDICATE WHAT IS UNDERNEATH, MARKER PLATES SHALL BE INSTALLED FOR ALL EXISTING AND NEW WATER MAIN FITTINGS ON OR ADJOINING THE SITE TO THE SATISFACTION OF CCC WATER DEPARTMENT.

EXTENT OF EXISTING UTILITY SERVICES ON THE PHASE 3B SITE TO BE REVIEWED DURING DETAILED DESIGN.

Purpose PART 8 PLANNING

OS REFERENCE:
6382-02 6382-03

| | | | | | |
|-----|----------------------------|----|----------|-------|------|
| P04 | ISSUED FOR PART 8 PLANNING | GM | 14.04.22 | MB | MOS |
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| P01 | ISSUED FOR STAGE 2A | GM | 16.07.21 | MK | MOS |
| Rev | Description | By | Date | Chk'd | Auth |

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Fax (+353) 091 779 830

Client
Cork City Council

Project
CorkNW Regeneration Quarter
Phase 3B

| Original Scale | Design/Drawn | Checked | Authorised |
|----------------|--------------------------------|----------------|---------------|
| 1:500@A1 | GM | MK | PC |
| 1:100@A3 | | Date 11.05.21 | Date 11.05.21 |
| Status | | Drawing Number | Rev |
| P | CNW P3B-ATK-P3B-Z0-DR-C-962700 | | P04 |

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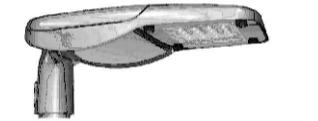
LEGEND:

- PHASE 3B BOUNDARY
- PUBLIC LIGHTING COLUMN (PROPOSED) - LUMINAIRE TYPE A
- PUBLIC LIGHTING COLUMN (PROPOSED) - LUMINAIRE TYPE B
- EXISTING LUMINAIRE FOR ADJACENT SCHEME
- 10.0 LUX LEVELS
- 5.0 LUX LEVELS
- 1.0 LUX LEVELS
- MH XX PUBLIC LIGHTING CHAMBER (PROPOSED)
- XX PUBLIC LIGHTING MINI PILLAR - UNMETERED (LOCATED AT LEAST 2m FROM ESB PILLAR)
- PUBLIC LIGHTING DUCT (PROPOSED) 2X6sq NYCLE CABLE LAID IN DUCTING TO ETCI ET101.
- SINGLE WALL DUCTING, COLOUR RED TO BE USED MANUFACTURED FROM HIGH DENSITY POLYETHYLENE (H.D.P.E.), 107mm EXTERNAL DIAMETER, HAVING A WALL THICKNESS OF 5mm. THIS DUCTING TO HAVE THE WORDS "STREET LIGHTING" STAMPED ON, LETTER SIZE 9mm AT 1m INTERVALS. THE LETTERING TO FACE UPPERMOST IN THE TRENCH. ALL WORKS TO LOCAL AUTHORITY SPECIFICATION. THIS IS A CIRCUIT LAYOUT AND NOT INDICATIVE OF WHERE DUCTS ARE TO BE LAID.

LUMINAIRE SPECIFICATIONS

LUMINAIRE TYPE A DETAILS

TYPE: P852-24-S1-NW-W7-0350-26W
OPTIC: NW
LAMP: 740SS
COLOUR TEMPERATURE: 3000K
LAMP FLUX: 3.55
MAINTENANCE FACTOR: 0.89
NO IN PROJECT: 17
COLUMN HEIGHT: 6.0m; ANTI-VANDAL (DOOR AT TOP OF COLUMN)
COLUMNS QUANTITIES: AS INDICATED ON THE DRAWING
INCLINATION: 0 DEGREES



LUMINAIRE TYPE B DETAILS

TYPE: AXIA 2.1 5166 - 16 NVSL219CT
OPTIC: NW
LAMP: NVSL219CT
COLOUR TEMPERATURE: 3000K
LAMP FLUX: 3.34
MAINTENANCE FACTOR: 0.89
NO IN PROJECT: 3
COLUMN HEIGHT: 8.0m; ANTI-VANDAL (DOOR AT TOP OF COLUMN)
COLUMNS QUANTITIES: AS INDICATED ON THE DRAWING
INCLINATION: 0 DEGREES



SPECIAL NOTES:

ALL LED LANTERNS MUST HAVE CONSTANT LIGHT OUTPUT (CLO). AUTOMATICALLY DIMMED TO 75% EACH NIGHT FROM 12 MIDNIGHT TO 6am. ALL LANTERNS TO HAVE 7PIN NEMA SOCKETS FITTED.

ELECTRONIC PHOTOCELLS SWITCHED AT 35/18LUX. ALL COLUMNS, LUMINAIRES, CABLES AND PILLARS, SHALL COMPLY WITH LOCAL AUTHORITY GENERAL SPECIFICATION FOR PUBLIC LIGHTING.

NO TREES TO BE LOCATED WITHIN FALLING DISTANCE OF P/L COLUMNS. MINIMUM SET-BACK OF COLUMNS IS 800mm FROM FACE OF KERB.

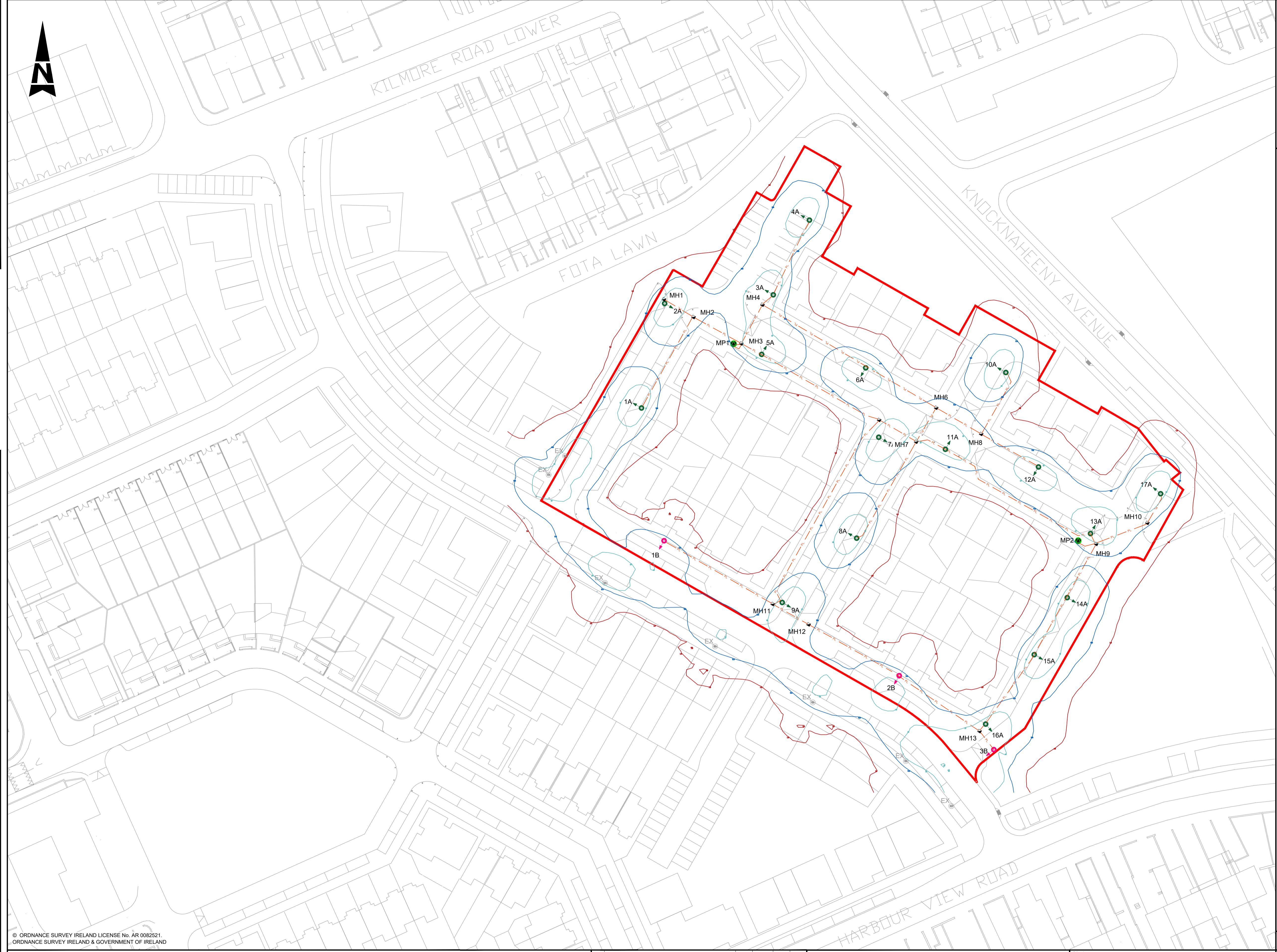
Purpose PART 8 PLANNING

A1

DO NOT SCALE

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Page: 1 of 1
Date: Apr 18, 2022 5:35 pm



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OS REFERENCE: 6382-02 6382-03

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OUTGOING TRANSMITTAL

ATKINS

| | |
|------------------------------|---|
| Project Name: | Cork Northwest Regeneration Quarter, Phase 3B |
| Project Reference No: | CNW P3B |

D - Disk, **E** - Email/Ipronet, **P** - Print, **R** - A3 Reduction

Outgoing correspondence register number