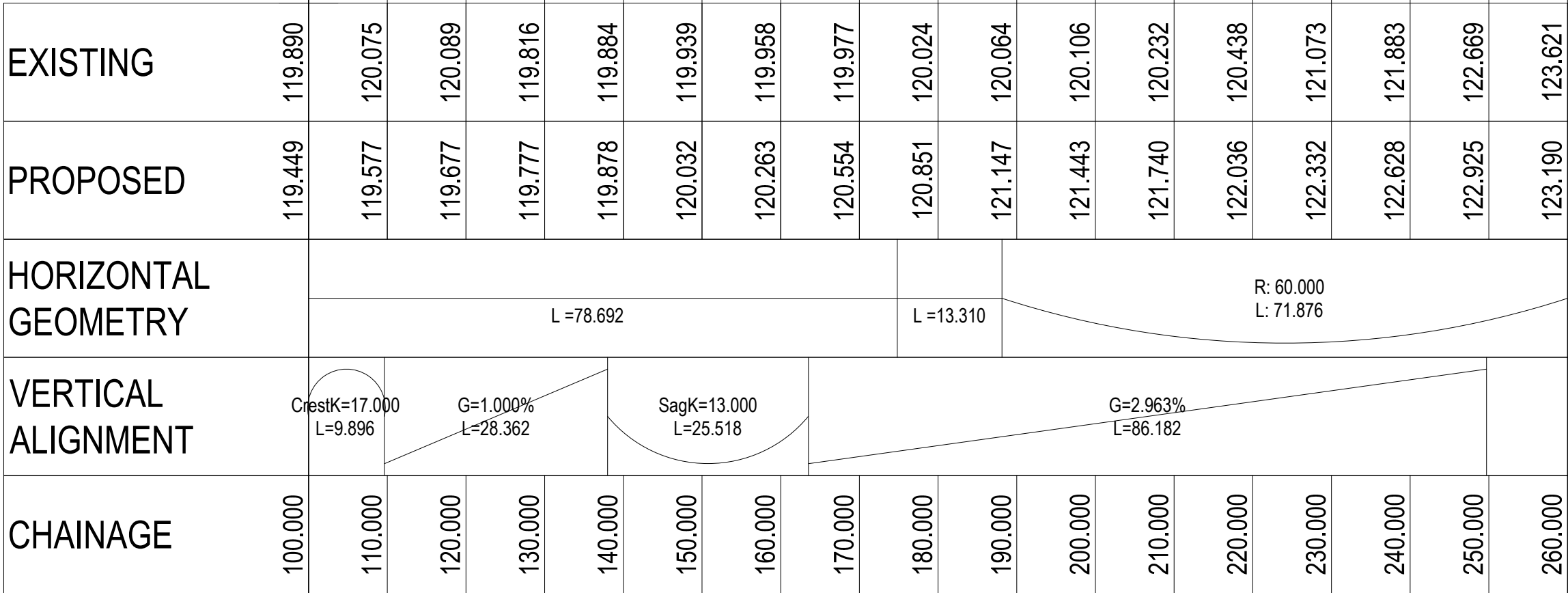
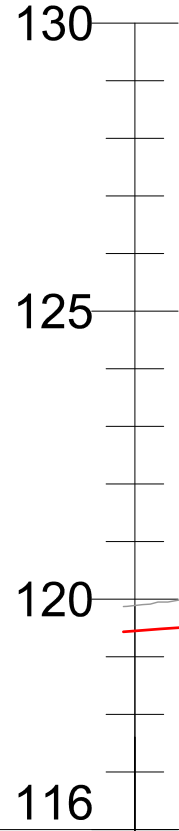
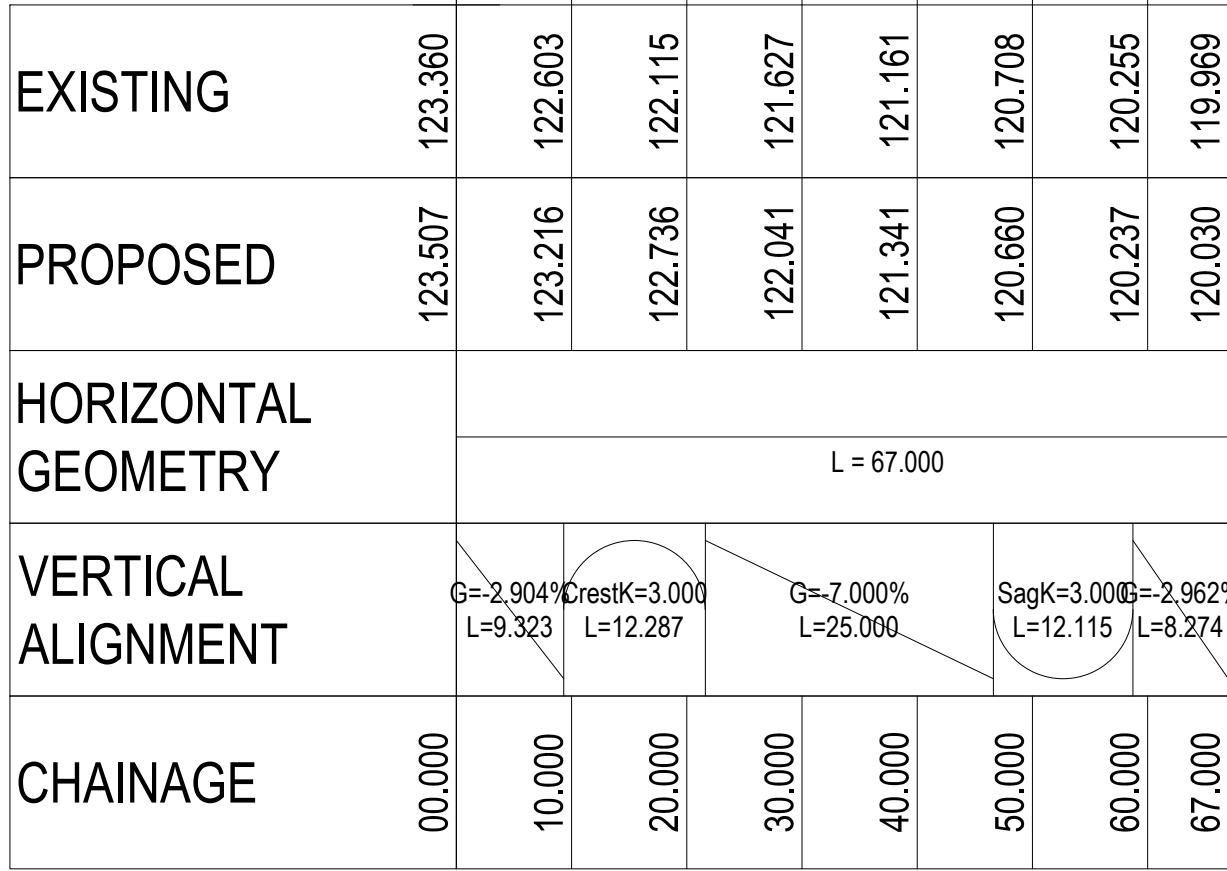
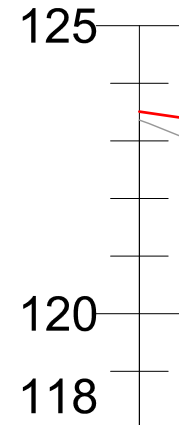


Level



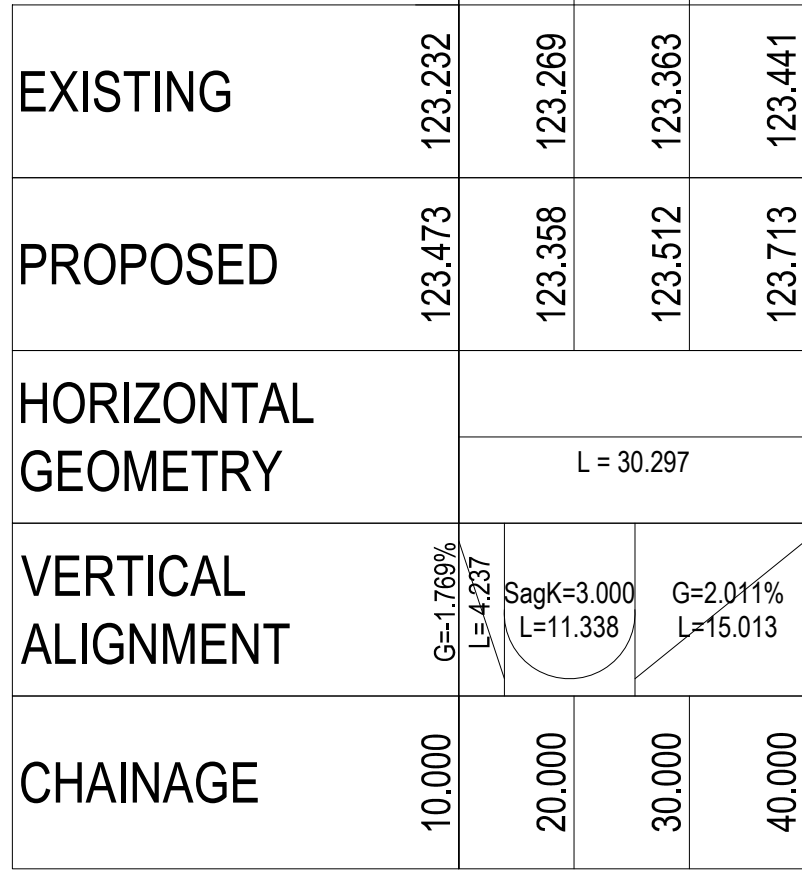
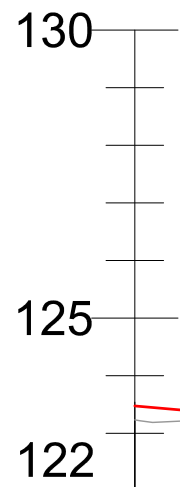
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Level



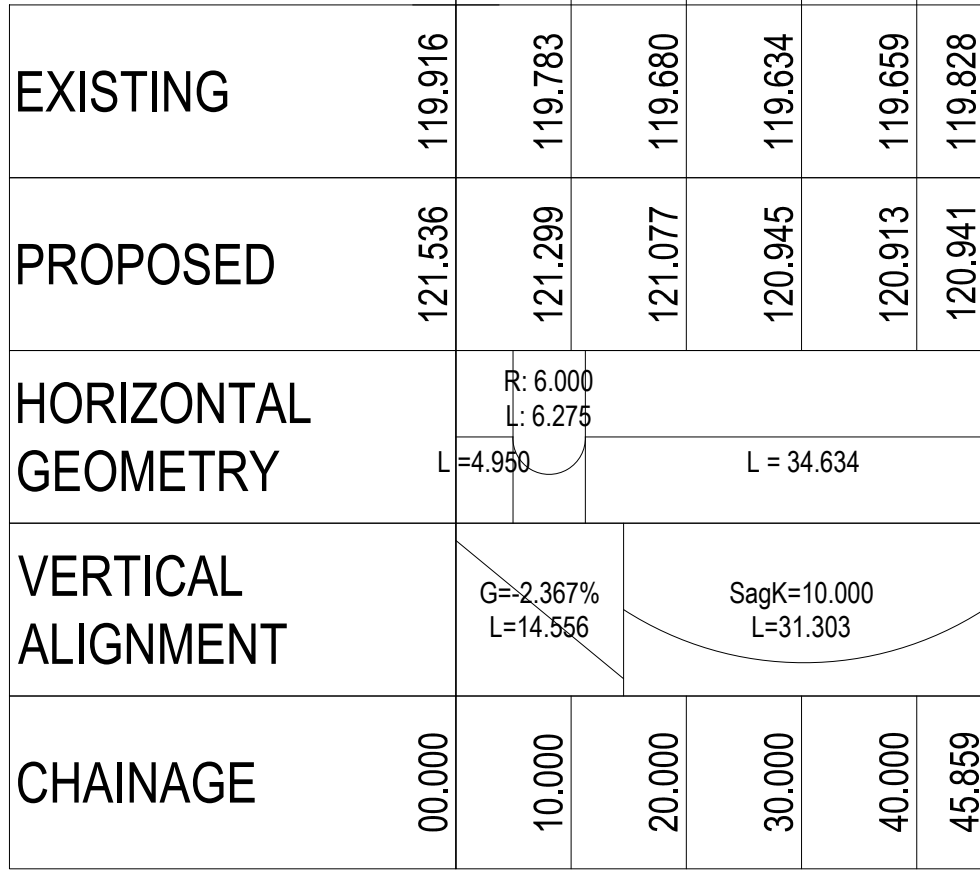
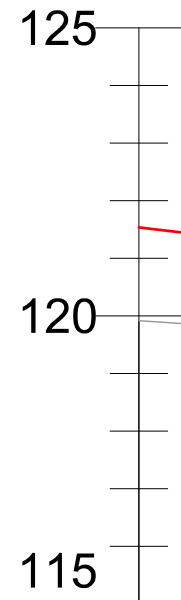
Title = SIDE ROAD 07 - LONGSECTION

Level



Title = SIDE ROAD 08 - LONGSECTION

Level



Title = SIDE ROAD 10 - LONGSECTION

GENERAL NOTES

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LEGEND:

- PROPOSED ROAD
- EXISTING GROUND LEVEL

PurposePART 8 PLANNING

TitlePROPOSED LONGITUDINAL ROAD SECTIONS

Original Scale	Design/Drawn		Checked	Authorised
	GM		MK	MOS
H 1:1000 V 1:200	Date	10.03.21	Date	10.03.21

Status	Drawing Number		Rev
P	CNW P4A-ATK-P4A-Z0-DR-C-950760		P04



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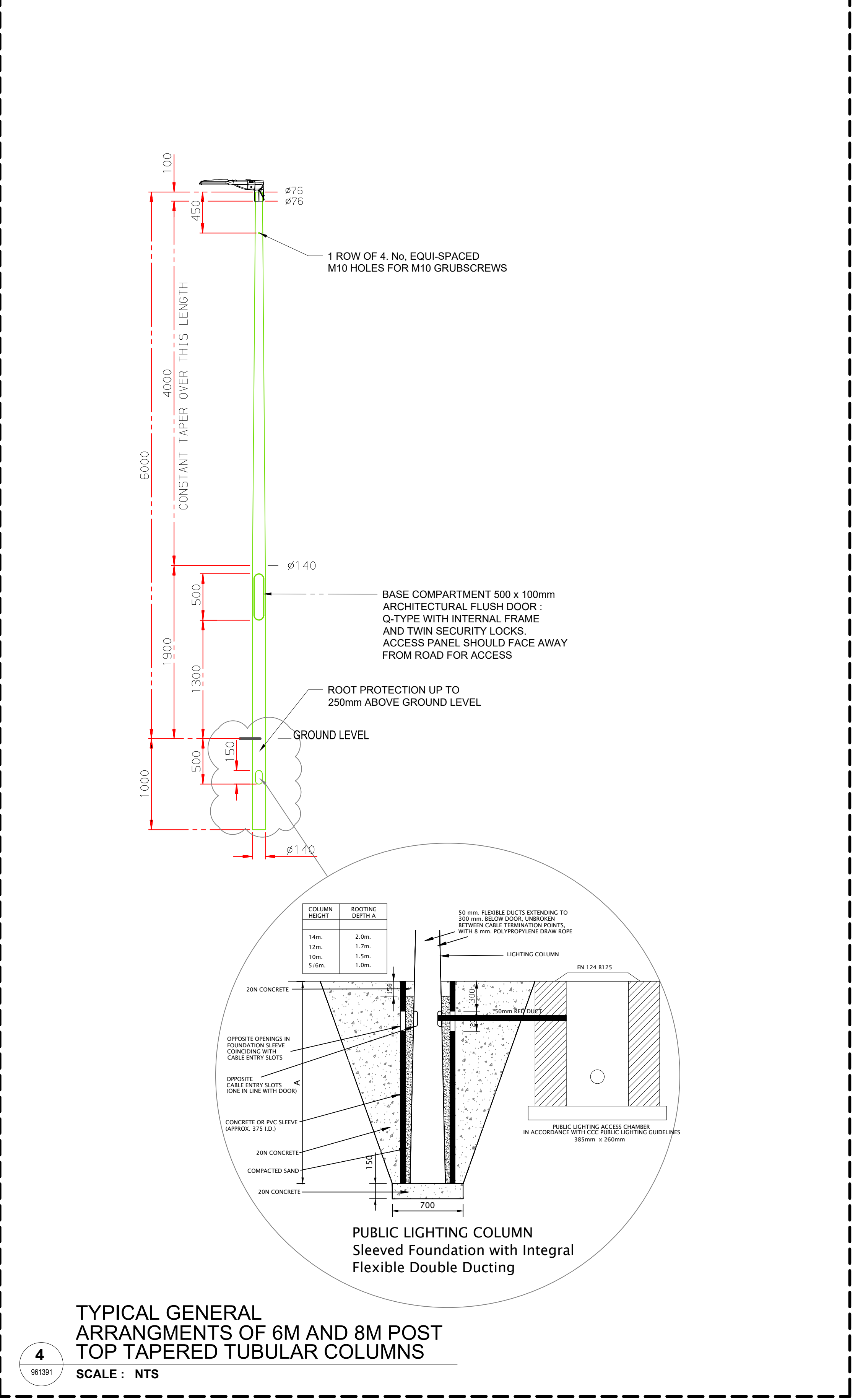
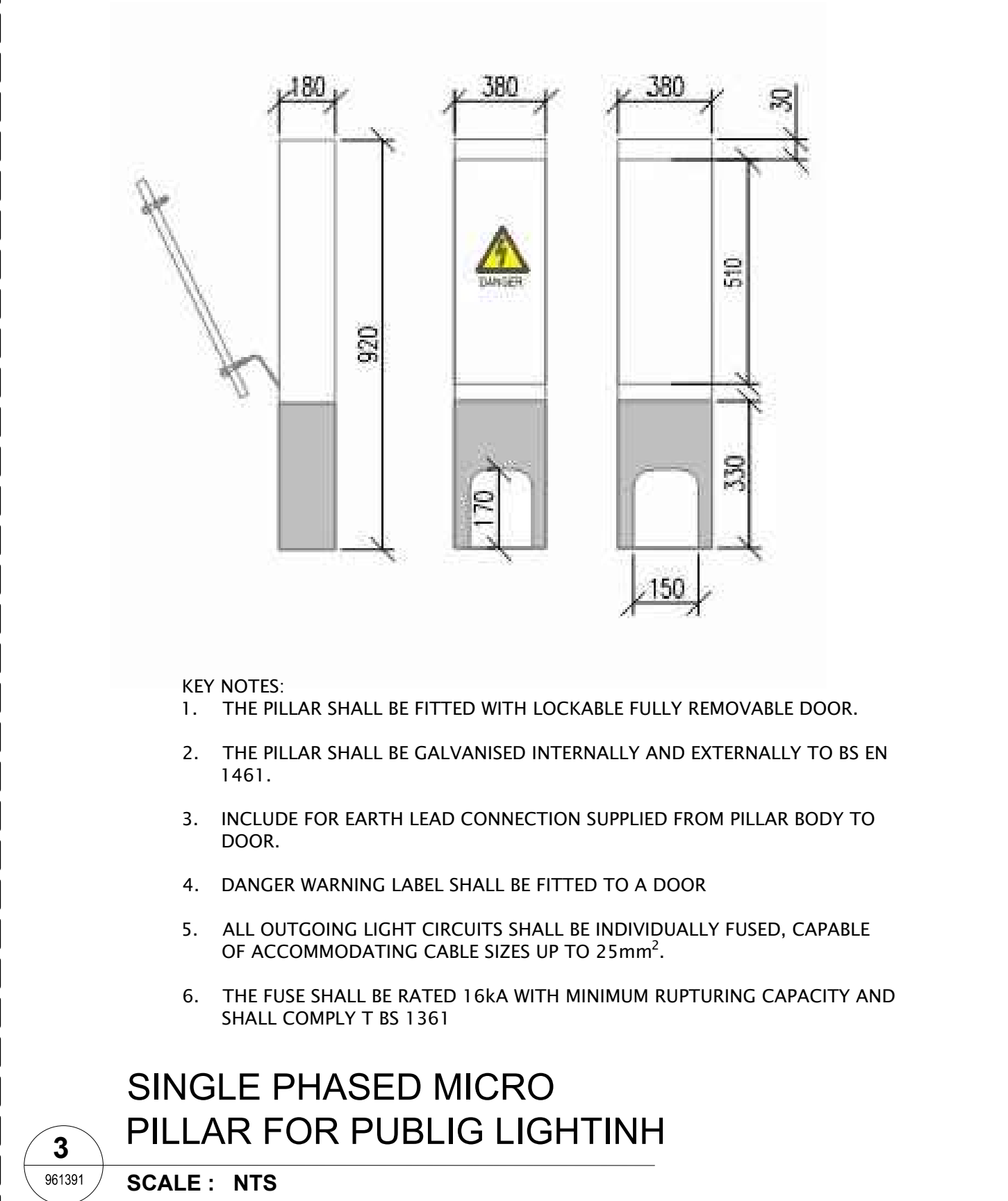
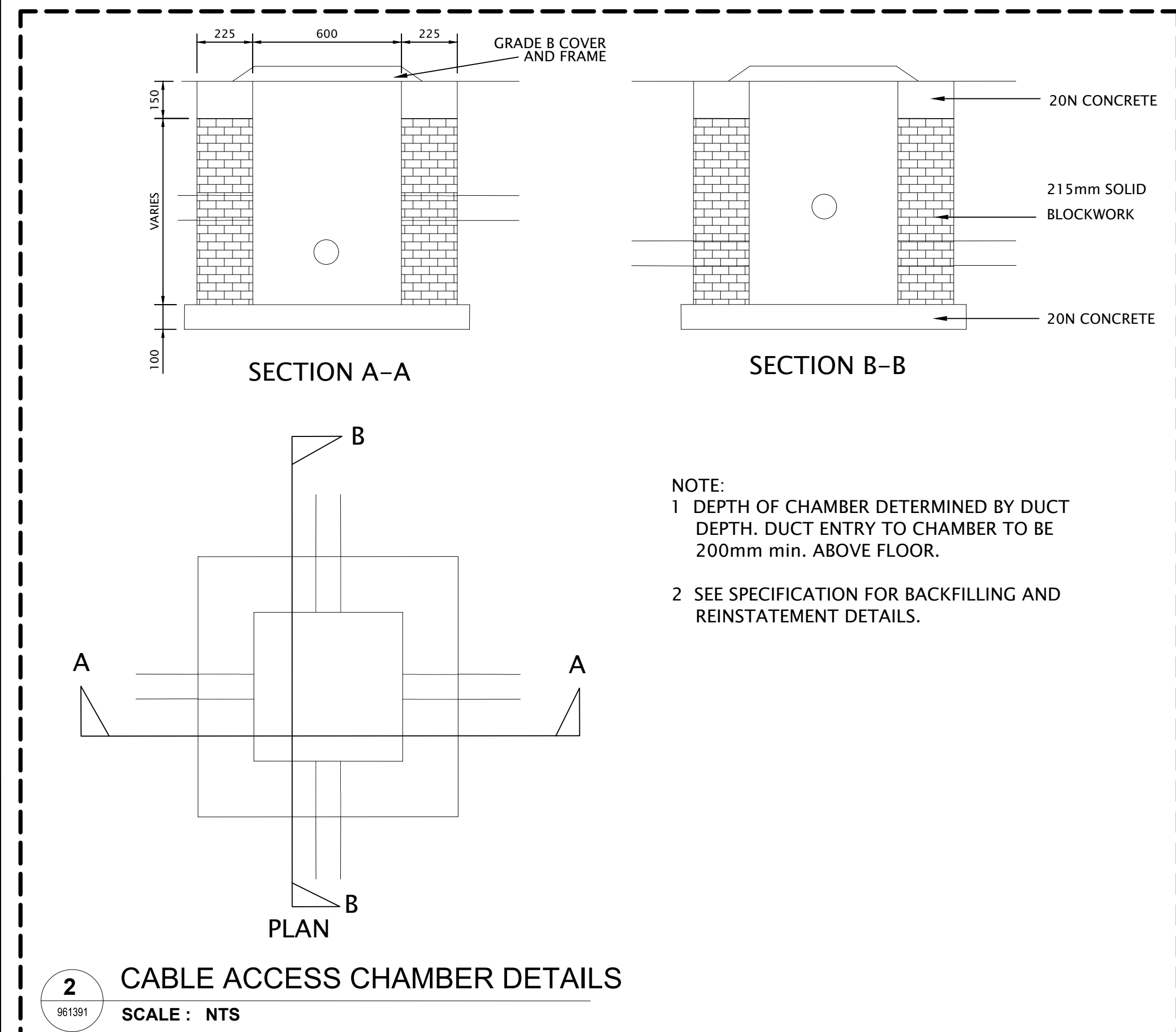
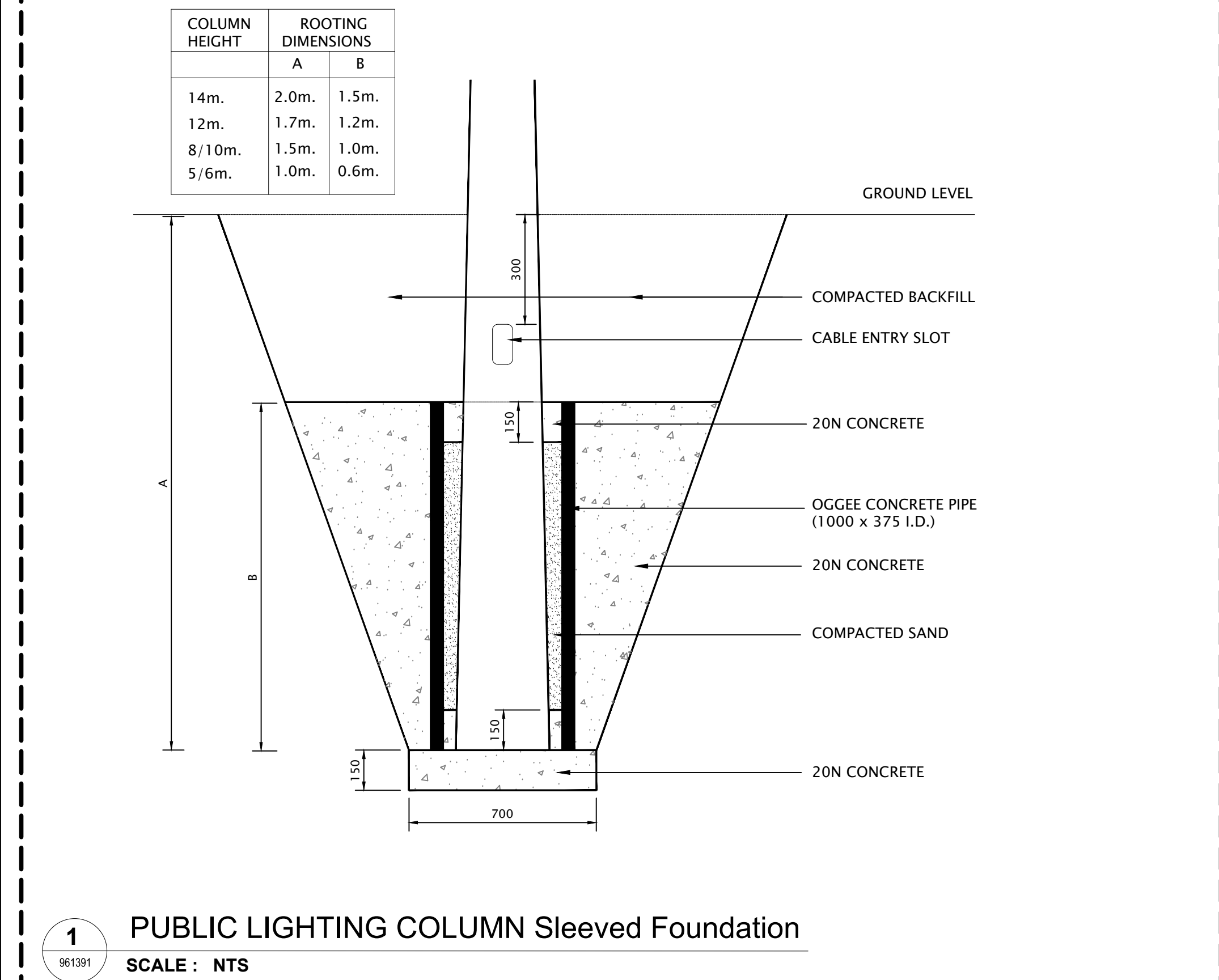
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A1

DO NOT SCALE

File: CNW P4A-ATK-P4A-XX-DR-E-961391.dwg
Date: Mar 01, 2022 - 10:25am
Plotted by: Mikiłowski



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OS REFERENCE:
6337-23 6382-03

Rev	Description	By	Date	Chk'd	Auth
P04	RE-ISSUED FOR PART 8 PLANNING	GM	01.03.22	MK	MOS
P03	ISSUED FOR PART 8 PLANNING	GM	02.02.22	MK	MOS
P02	ISSUED FOR STAGE 2A	GM	01.07.21	NS	MOS
P01	ISSUED FOR PRE-PART 8	GM	09.04.21	NS	MOS

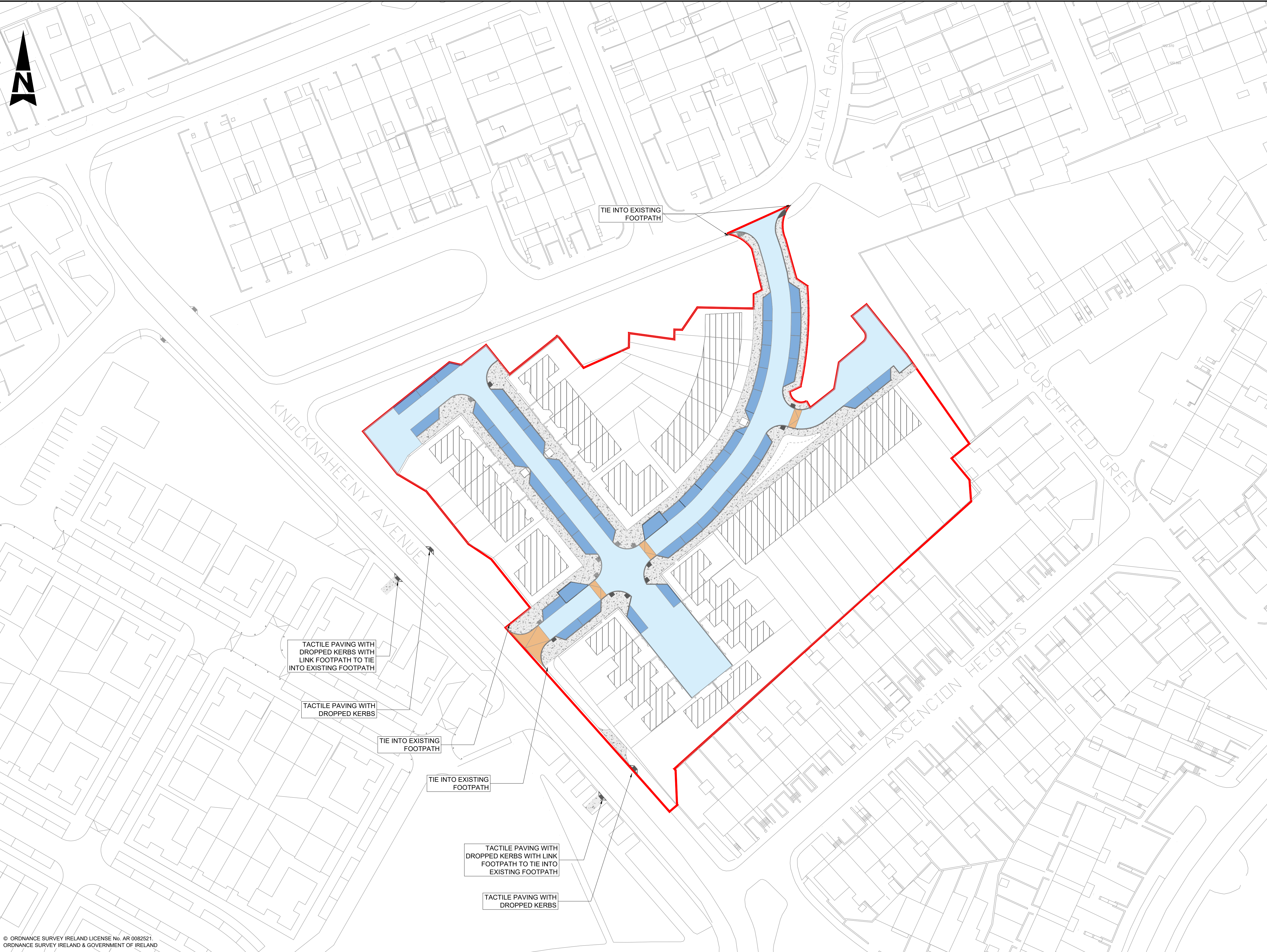
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Client Cork City Council		Purpose PART 8 PLANNING			
Project CorkNW Regeneration Quarter Phase 4A		Title PROPOSED PUBLIC LIGHTING DETAILS			
		Original Scale NTS	Design/Drawn GM Date 01.04.21	Checked AK Date 01.04.21	Authorised NS Date 01.04.21
Status P	Drawing Number CNW P4A-ATK-P4A-Z0-DR-E-961391	Rev P04			



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OS REFERENCE:
6337-23 6382-03

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P04	RE-ISSUED FOR PART 8 PLANNING	GM	01.03.22	MK	MOS
P03	ISSUED FOR PART 8 PLANNING	GM	02.02.22	MK	MOS
P02	ISSUED FOR STAGE 2A	GM	01.07.21	DH	MOS
P01	ISSUED FOR PRE-PART 8	GM	19.04.21	MK	MOS

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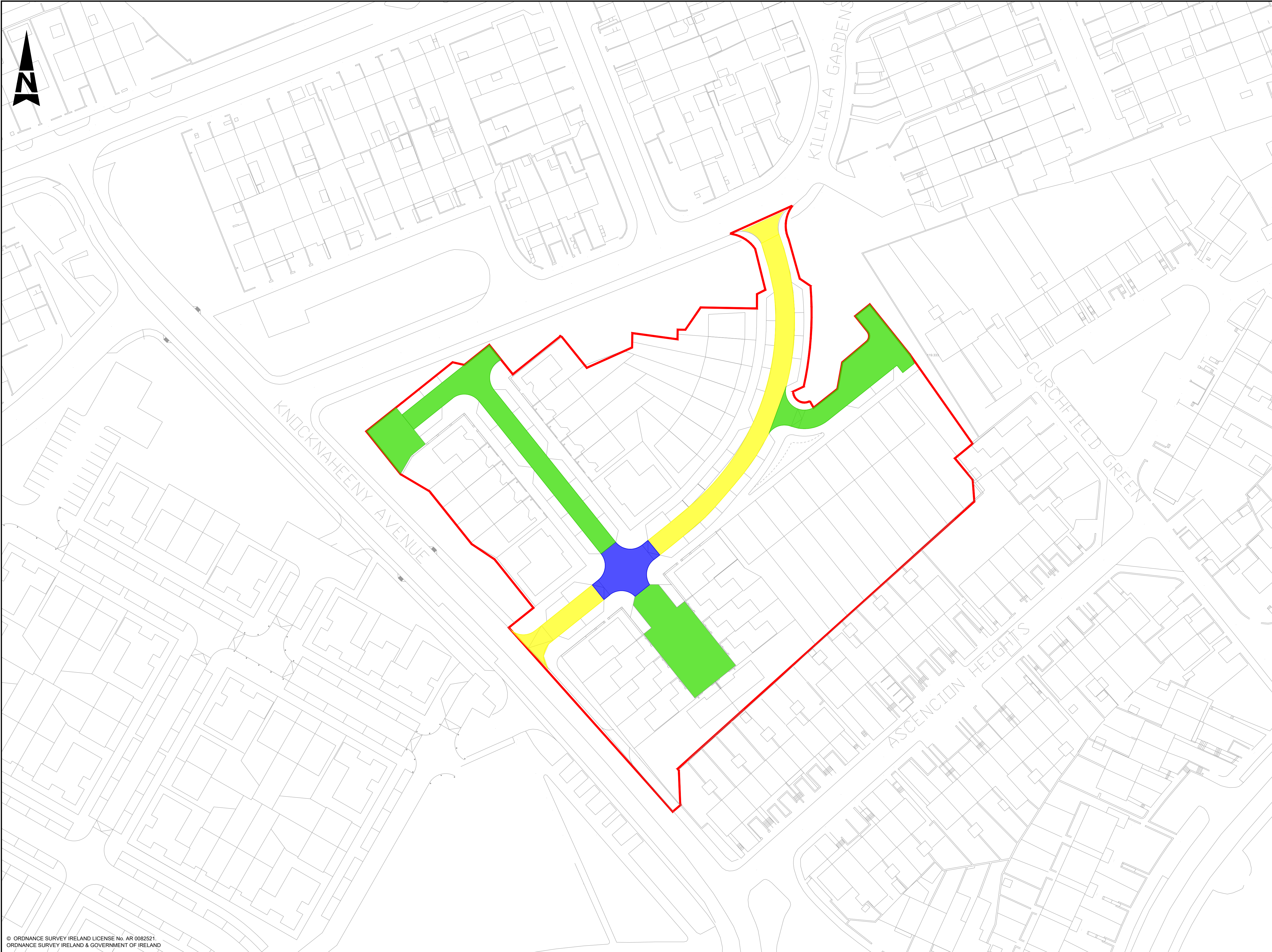
Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

- GENERAL NOTES**
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 - ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
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- LEGEND:**
- PHASE 4A SITE BOUNDARY LINE
- PROPOSED BUILDING
- PROPOSED ROAD RAMP
- PROPOSED TACTILE PAVING
- PROPOSED TREE PIT
- TYPE 1: CONCRETE FOOTPATHS/YARD AREAS**
 - CONCRETE FOOTPATHS & PAVING TO TII CC-SCD-01105 DETAILS & SPEC.
 - SEE LANDSCAPE ARCHITECTS LAYOUT FOR SURFACE TREATMENTS & FINISH.
 - AT VEHICULAR ACCESS CONCRETE PAVING TO BE THICKENED FROM 100mm CONCRETE ON 100mm GRANULAR SUB-BASE TO CC-SPW-00800 TO 150mm INSITU CONCRETE WITH 1 LAYER OF A393 MESH TOP & BOTTOM. SURFACE OF RAMP TO BE BRUSHED TOP FROM *NON-SLIP FINISH. SEE TII CC-SCD-01103 FOR DETAILS.
- TYPE 2: ASPHALT ROAD AND LAYBY AREAS**
 - 40mm SURFACE COURSE SMA 14 SURF PMB 65/105-60 DES TO CLAUSE 5.1.3 OF TII SRW 900 SERIES
 - 60mm BINDER COURSE: AC 20 HDM BIN 40/60 DES TO CLAUSE 3.1.4 OF TII SRW 900 SERIES
 - 100mm BASE COURSE: AC 32 DENSE BASE 40/60 DES TO CLAUSE 3.1.1 OF TII SRW 900 SERIES
 - 150mm SUB-BASE: GRANULAR MATERIAL TYPE B CL 804
 - GRANULAR CAPPING MATERIAL 6F1 OR 6F2 TO TII SPECIFICATION FOR ROAD WORKS CL.613.
- TYPE 3: ASPHALT CARPARK**
 - 40mm SURFACE COURSE HRA 14 SURF PMB 65/105-60 DES TO CLAUSE 5.1.3 OF TII SRW 900 SERIES
 - 60mm BINDER COURSE: AC 20 HDM BIN 40/60 DES TO CLAUSE 3.1.4 OF TII SRW 900 SERIES
 - 100mm BASE COURSE: AC 32 DENSE BASE 40/60 DES TO CLAUSE 3.1.1 OF TII SRW 900 SERIES
 - 150mm SUB-BASE: GRANULAR MATERIAL TYPE B CL 804
 - GRANULAR CAPPING MATERIAL 6F1 OR 6F2 TO TII SPECIFICATION FOR ROAD WORKS CL.613.

- SPECIAL NOTES:**
- CAPPING 6F1 OR 6F2 IN ACCORDANCE WITH TII MCDRW. MINIMUM THICKNESS 150mm (MIN CBR 5%) INCREASED TO 300mm (MIN CBR 2%) FROM CH 060 TO CH 120 ON MC 20 AND CH 040 TO CH 092 ON MC 30. SOFT SPOTS ENCOUNTERED TO BE FILLED WITH CAPPING. CONTRACTOR TO INCLUDE 8 NO. IN SITU CBR TESTS TO VERIFY CBR AT FORMATION LEVEL. THIS INFORMATION IS TO BE MADE AVAILABLE TO THE ENGINEER PRIOR TO INSTALLATION OF CAPPING.
 - EXPANSION JOINTS TO BE LOCATED AT MAXIMUM 4.5m C/C AND AT CHANGE IN CONCRETE DEPTH.

Purpose	PART 8 PLANNING			
Title	PROPOSED PAVEMENT LAYOUT PLAN			
Original Scale	Design/Drawn	Checked	Authorised	
1:500 @ A1	GM	MK	MOS	
1:1000 @ A3	Date 16.03.21	Date 16.03.21	Date 16.03.21	
Status	Drawing Number			Rev
P	CNW P4A-ATK-P4A-Z0-DR-C-950700			P04



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OS REFERENCE:
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Rev	Description	By	Date	Chk'd	Auth
P03	RE-ISSUED FOR PART 8 PLANNING	GM	01.03.22	MK	MOS
P02	ISSUED FOR PART 8 PLANNING	GM	02.02.22	MK	MOS
P01	ISSUED FOR STAGE 2A	GM	01.07.21	DH	MOS

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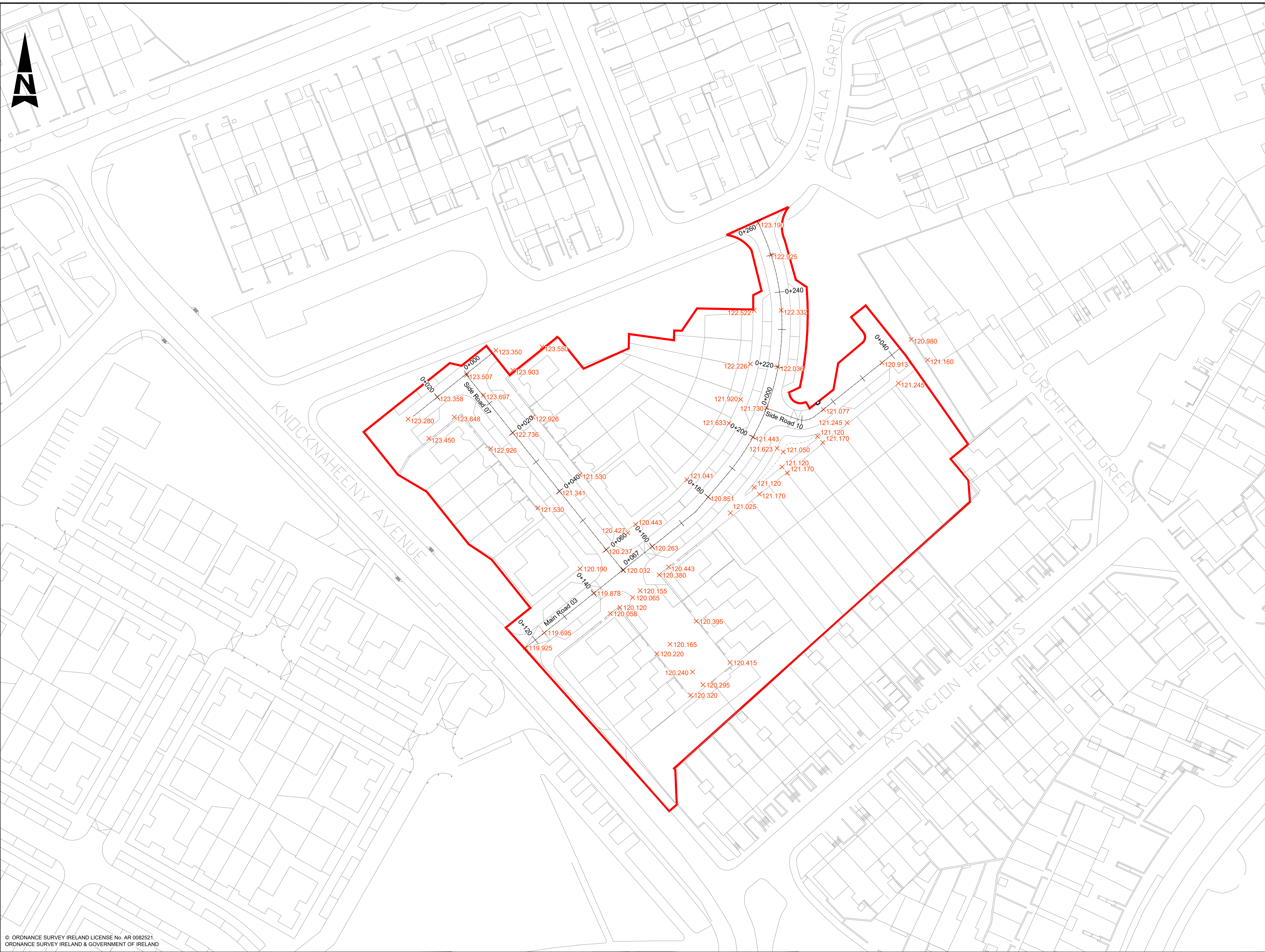
Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

Purpose		PART 8 PLANNING			
Title		PROPOSED ROUTE TYPES			
Original Scale		Design/Drawn	Checked	Authorised	
1:500 @ A1		GM	DH	MOS	
1:1000 @ A3		Date 01.07.21	Date 01.07.21	Date 01.07.21	
Status	Drawing Number			Rev	
P	CNW P4A-ATK-P4A-Z0-DR-C-950705			P03	

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LEGEND:

- PHASE 4A SITE BOUNDARY LINE
- JUNCTION TABLE
- LINK ROUTE
- SHARED SURFACE ROUTE



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OS REFERENCE:
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P04	RE-ISSUED FOR PART 8 PLANNING	GM	01.03.22	MK	MOS
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P02	ISSUED FOR STAGE 2A	GM	01.07.21	DH	MOS
P01	ISSUED FOR PRE-PART 8	GM	19.04.21	MK	MOS

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Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

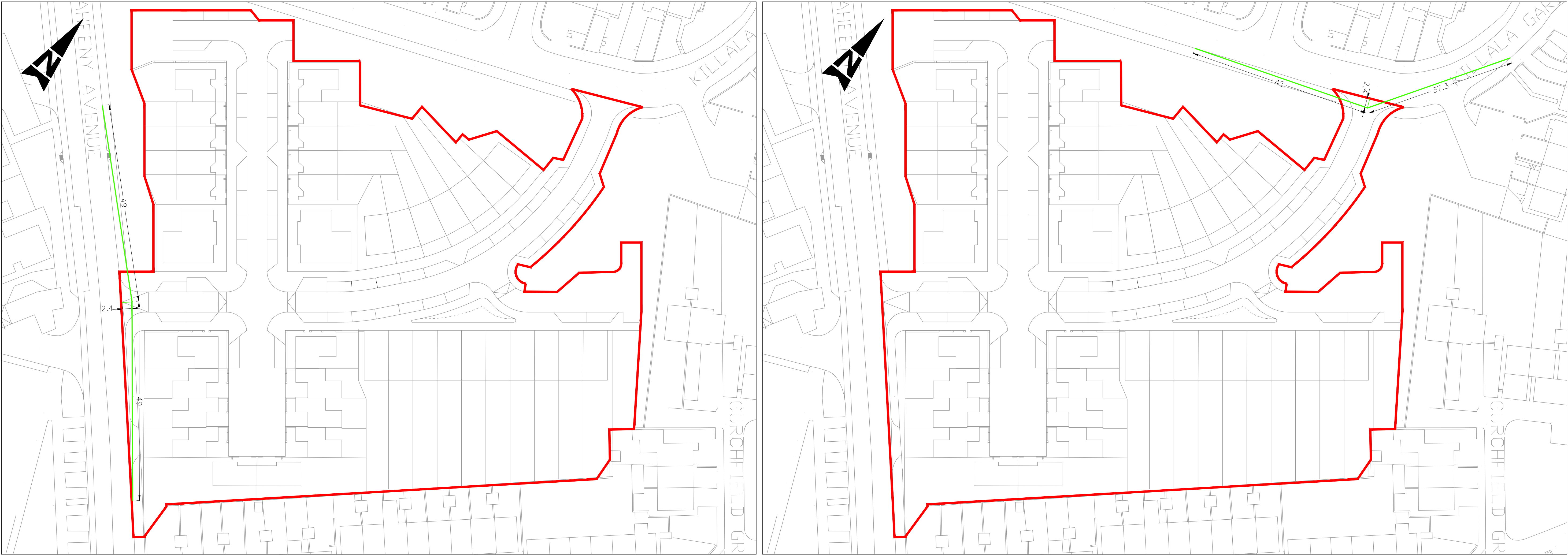
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- LEGEND:**
- PHASE 4A SITE BOUNDARY LINE
 - 53.260 PROPOSED LEVEL

purpose

title

PART 8 PLANNING				
PROPOSED ROAD LAYOUT AND ROAD LEVELS				
original Scale	Design/Drawn	Checked	Authorised	
1:500 @ A1	GM	MK	MOS	
1:1000 @ A3	Date 10.03.21	Date 10.03.21	Date 10.03.21	
status	Drawing Number			Rev
P	CNW P4A-ATK-P4A-Z0-DR-C-950710			P04



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OS REFERENCE:
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LEGEND:
PHASE 4A SITE BOUNDARY LINE
JUNCTION SIGHT LINES

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P02	ISSUED FOR STAGE 2A	GM	01.07.21	DH	MOS
P01	ISSUED FOR PRE-PART 8	GM	19.04.21	MK	MOS



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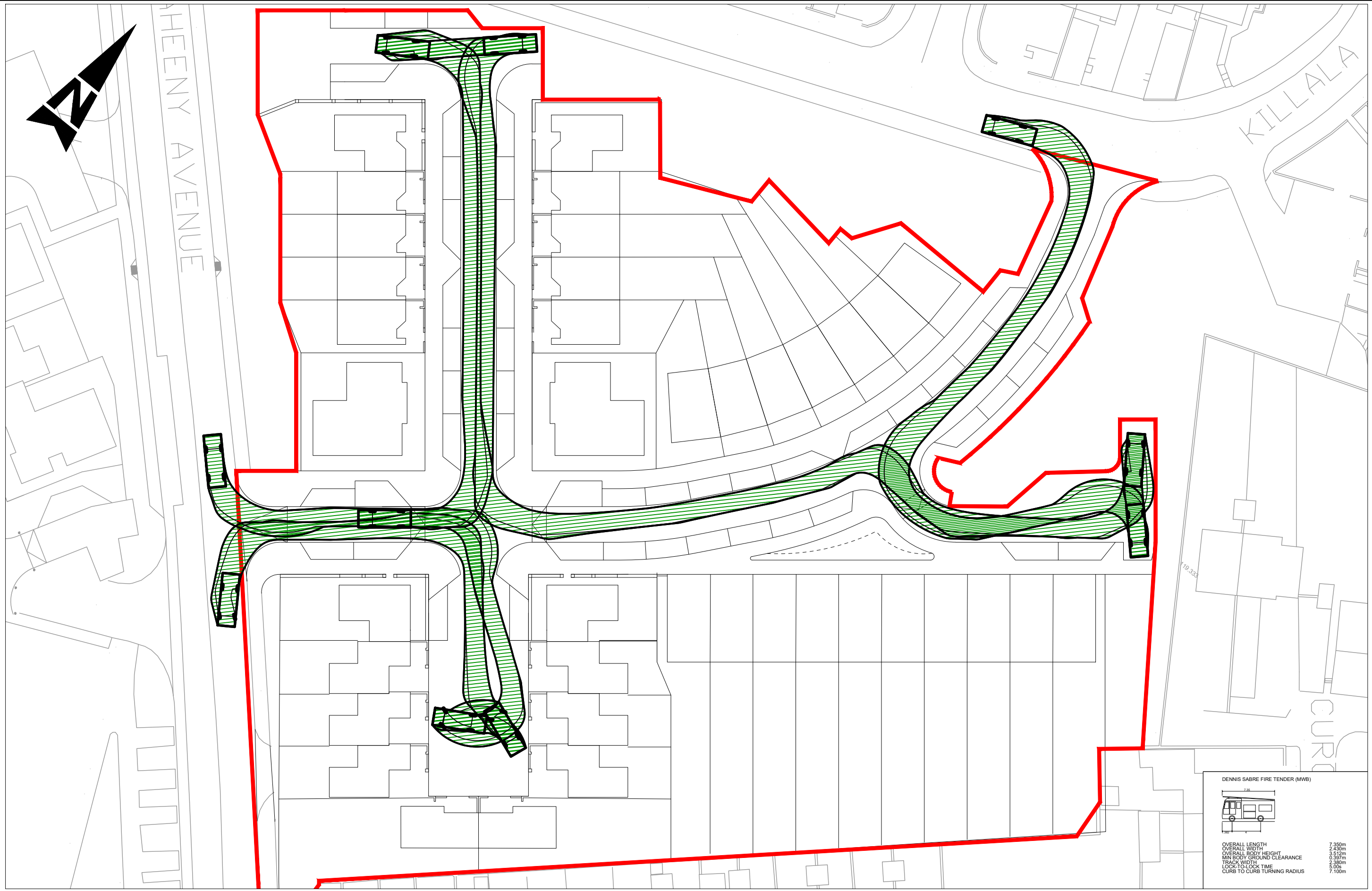
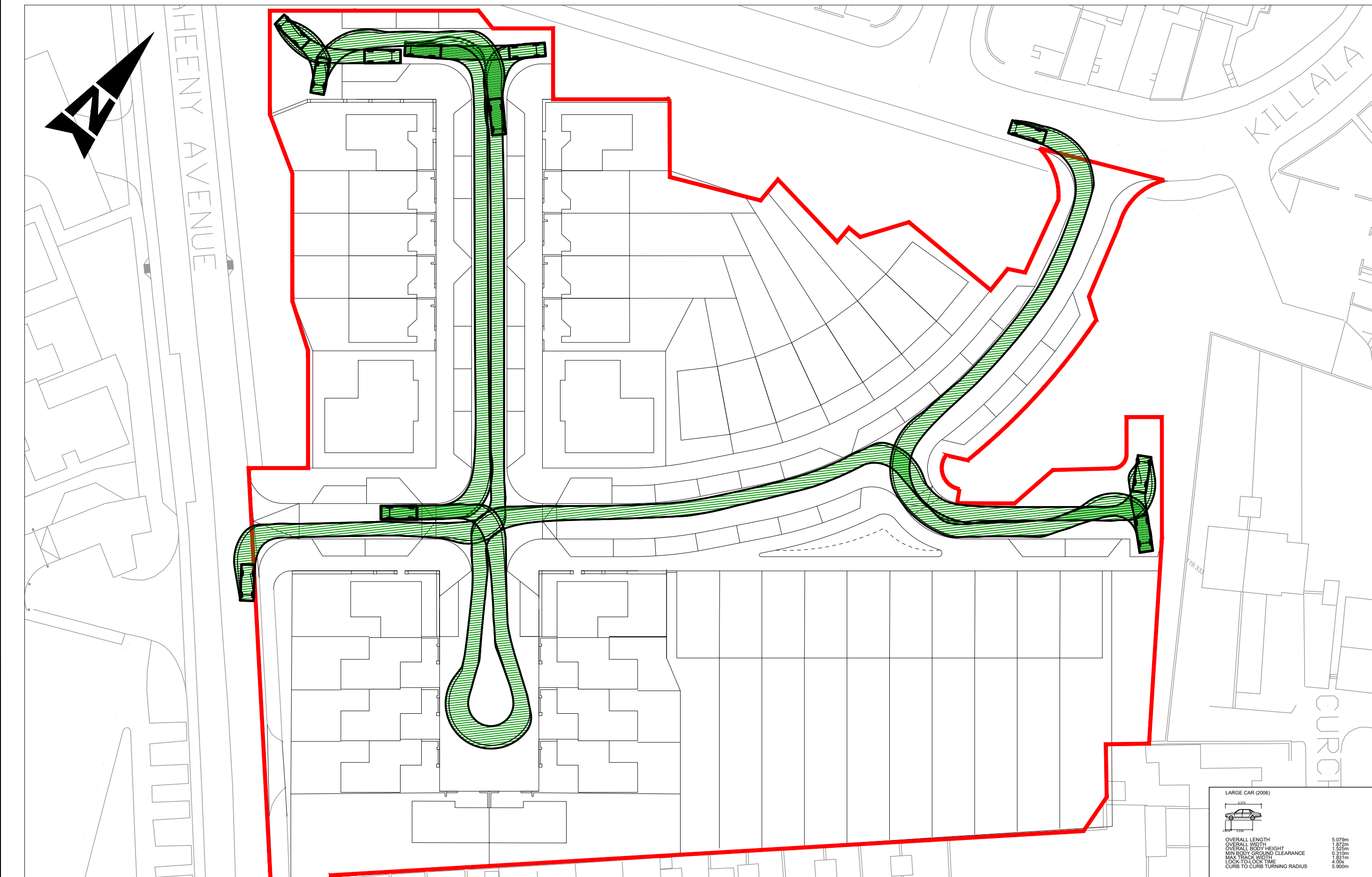
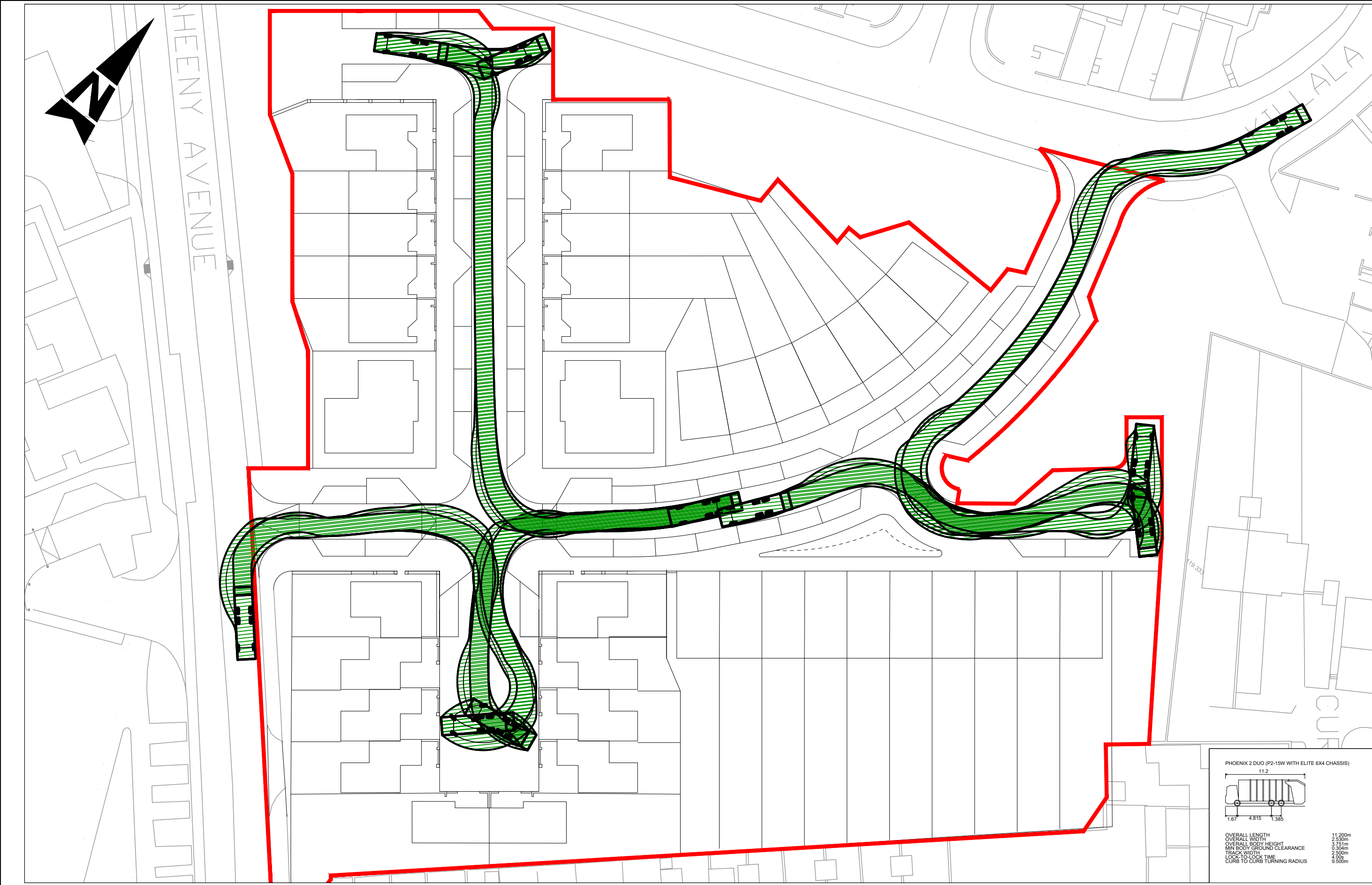
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Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

Purpose	PART 8 PLANNING			
Title	PROPOSED ROAD LAYOUT JUNCTION SIGHT LINES			
Original Scale	1:500 @ A1 1:1000 @ A3	Design/Drawn	GM	Checked
Date	10.03.21	Date	10.03.21	Date
Status	P	Drawing Number	CNW P4A-ATK-P4A-Z0-DR-C-950730	Rev
				P04

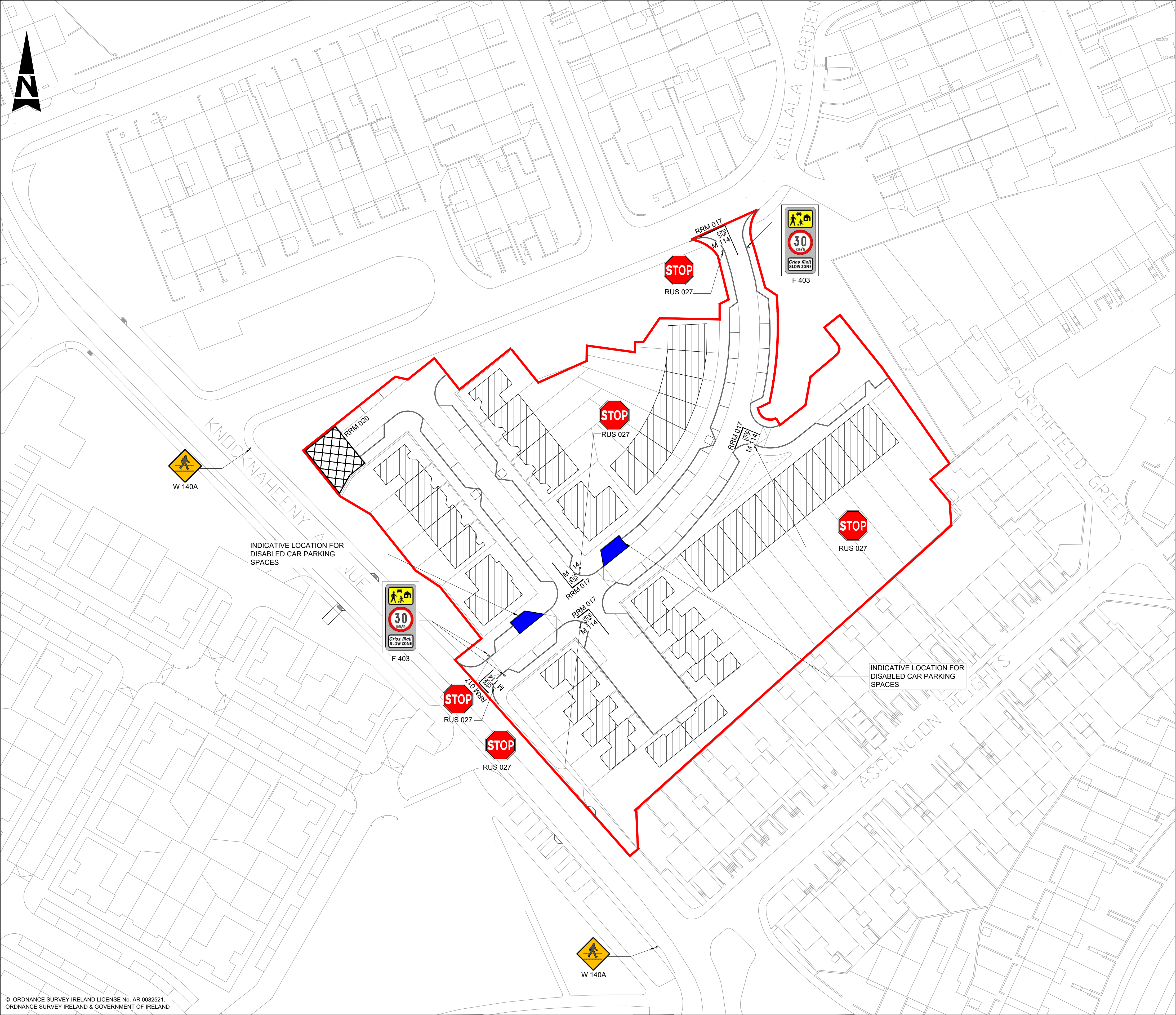


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OS REFERENCE: 6337-23 6382-03		GENERAL NOTES										ATKINS Member of the SNC-Lavalin Group Atkins House, 150 Airside Business Park, Swords, Co. Dublin Tel (+353) 01 810 8000 Fax (+353) 01 810 8001 Unit 2B, 2200 Cork Airport Business Park, Cork Tel (+353) 021 429 0300 Fax (+353) 021 429 0360 2nd Floor Technology House Parkmore Technology Park, Galway Tel (+353) 091 786 050 Fax (+353) 091 779 830		Client		Cork City Council		Title		VEHICLE TRACKING ANALYSIS	
		Project		CorkNW Regeneration Quarter Phase 4A		Original Scale		Design/Drawn		Checked				Authorised							
		1:500 @ A1 1:1000 @ A3		Date		10.03.21		Date		10.03.21				Date		10.03.21					
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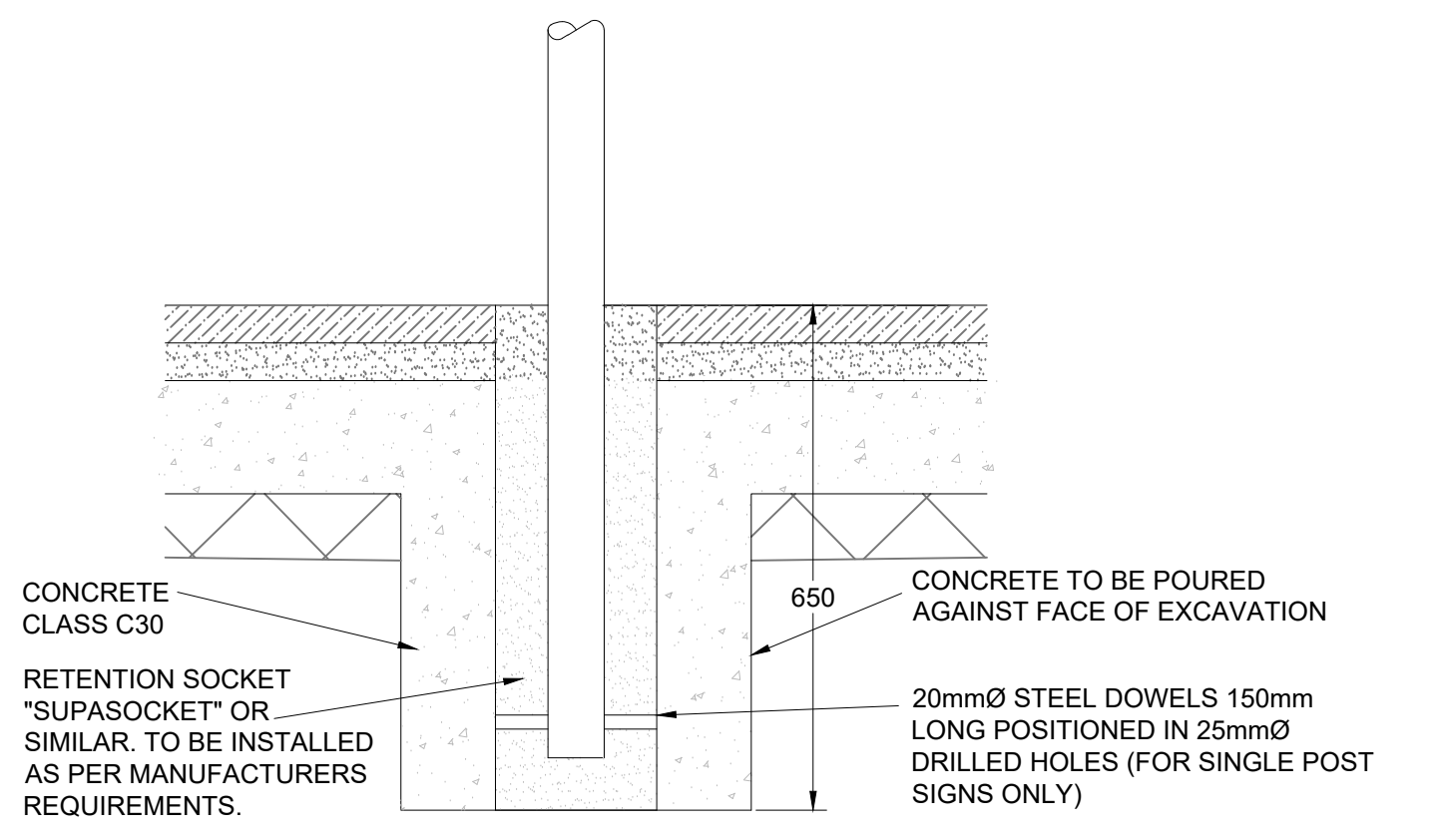
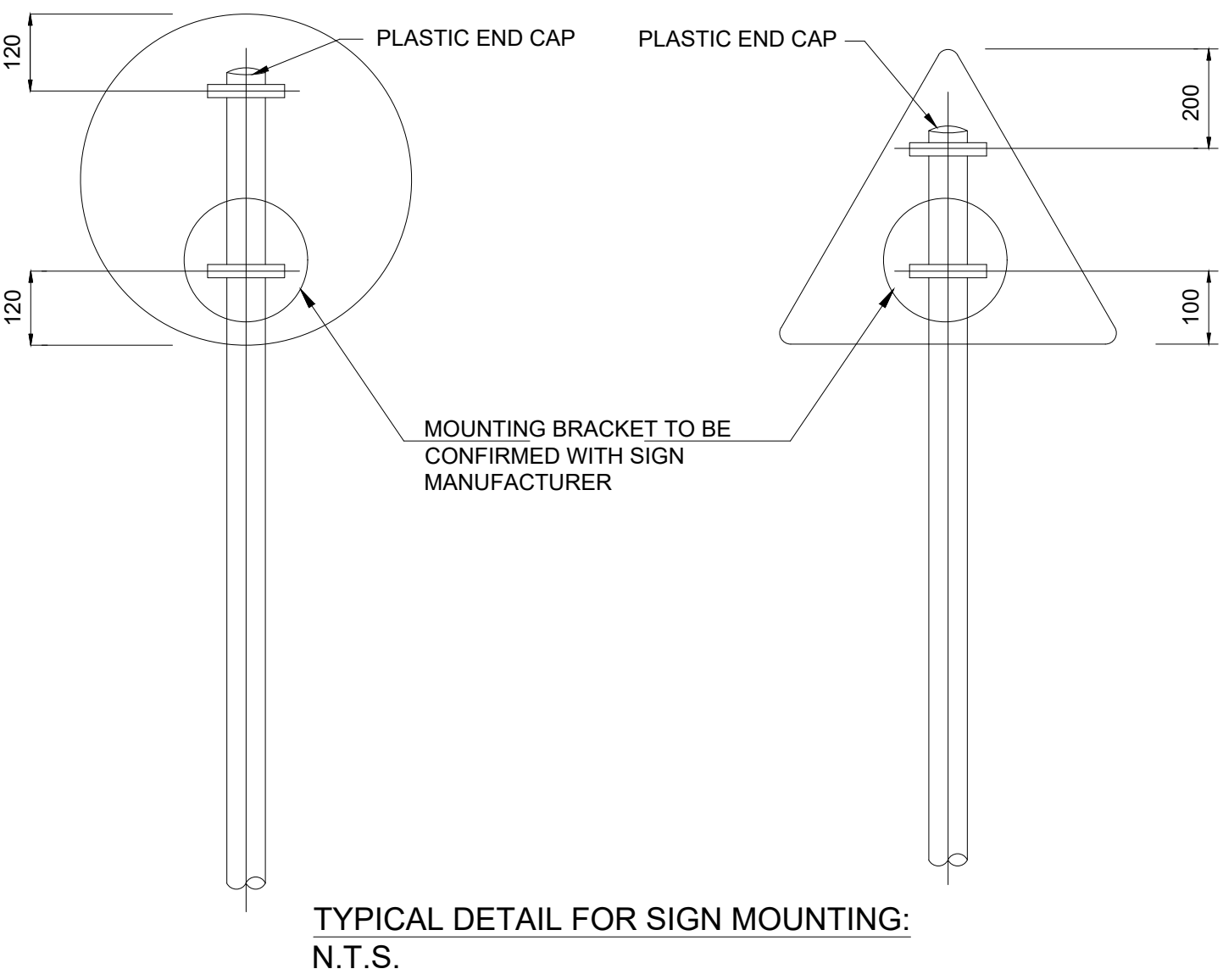
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Date: Mar 01, 2022 - 10:07am
Plotted by: M.Kulniewska



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- LEGEND:**
- PHASE 4A SITE BOUNDARY LINE
 - PROPOSED BUILDING



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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P01	ISSUED FOR PRE-PART 8	GM	19.04.21	MK	MOS

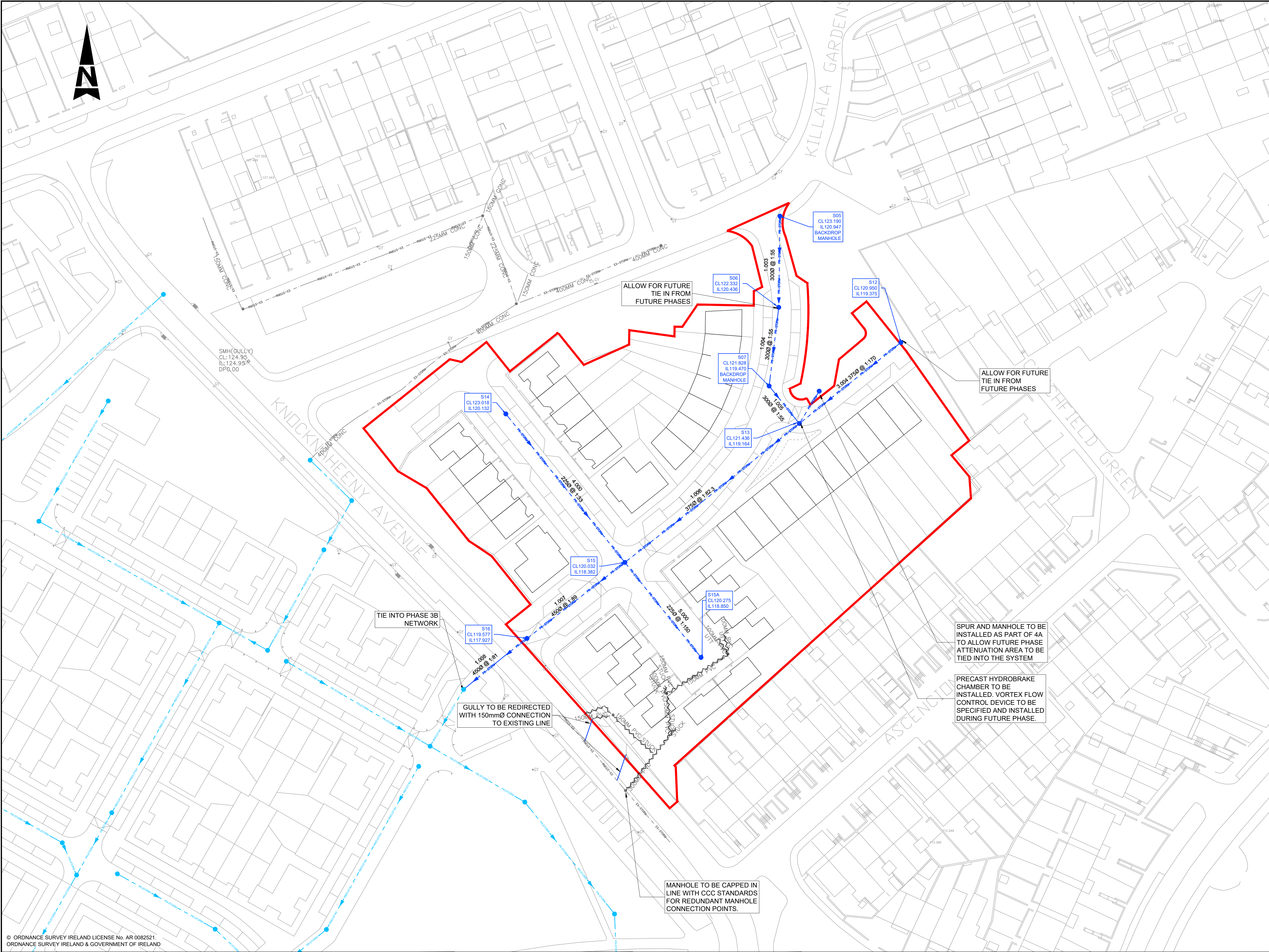
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Client	Cork City Council	Purpose	PART 8 PLANNING			
Project	CorkNW Regeneration Quarter Phase 4A	Title	PROPOSED ROAD SIGNS AND TRAFFIC MARKINGS			
Original Scale	1:500 @ A1 1:1000 @ A3	Design/Drawn	GM	Checked	MK	Authorised
		Date	16.03.21	Date	16.03.21	Date
Status	P	Drawing Number	CNW P4A-ATK-P4A-Z0-DR-C-951200	Rev	P04	



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- LEGEND:**
- PHASE 4A SITE BOUNDARY LINE
 - PROPOSED STORM SEWER
 - PROPOSED STORM SEWER MANHOLE
 - PROPOSED PIPE DETAILS SHOWING PIPE NUMBER, DIAMETER AND SLOPE
 - PROPOSED MANHOLE DETAILS SHOWING MANHOLE NUMBER, COVER LEVEL AND INVERT LEVEL
 - PROPOSED STORM SEWER OUTSIDE PHASE 4A PROJECT
 - PROPOSED STORM SEWER MANHOLE OUTSIDE PHASE 4A PROJECT
 - EXISTING STORM SEWER
 - EXISTING STORM SEWER MANHOLE
 - EXISTING TO BE REMOVED
 - EXISTING GULLY

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 COUNCIL'S MINIMUM ENGINEERING REQUIREMENTS FOR NEW DEVELOPMENTS.

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P02	ISSUED FOR STAGE 2A	GM	01.07.21	DH	MOS
P01	ISSUED FOR PRE-PART 8	GM	19.04.21	MK	MOS

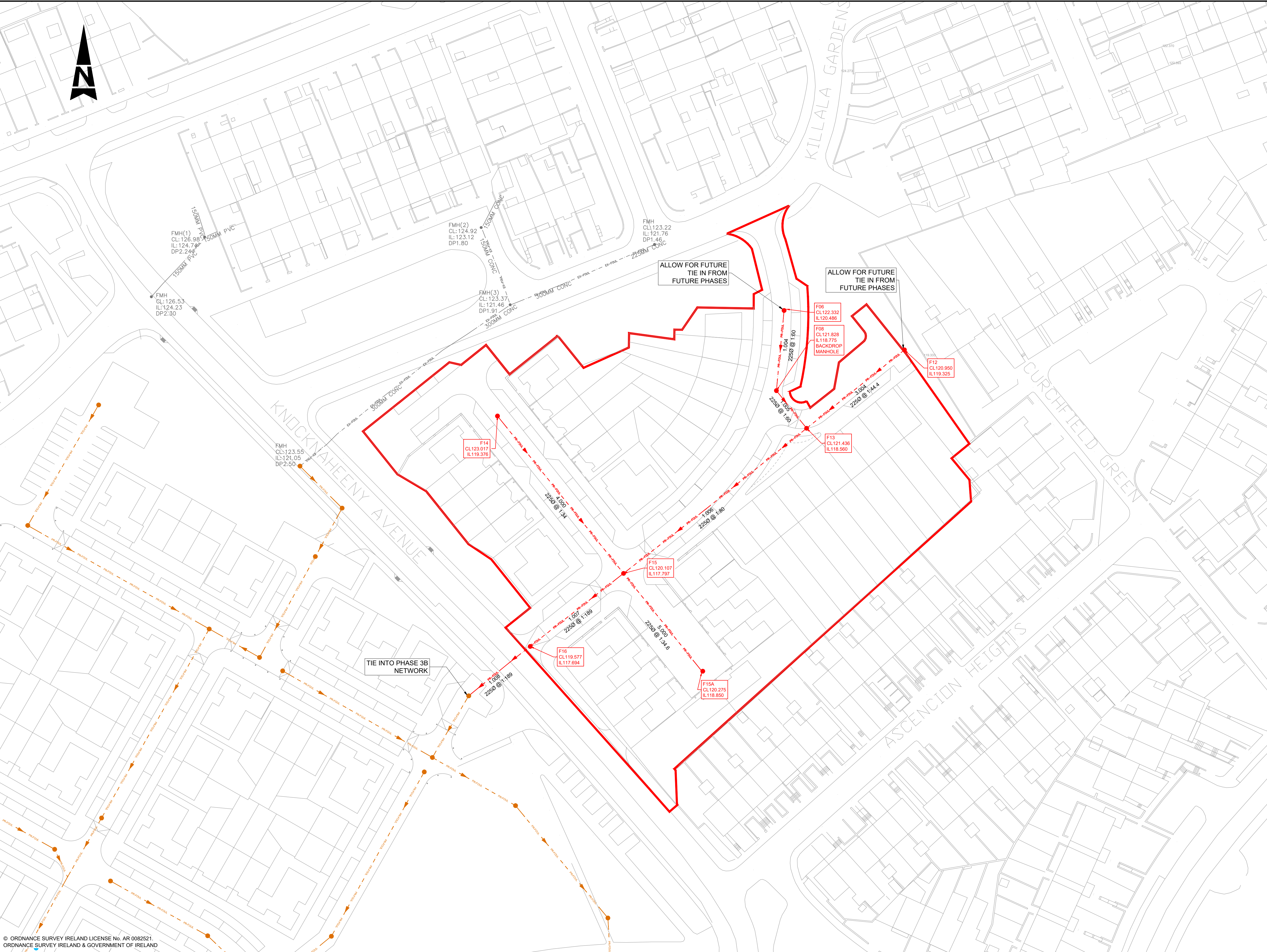
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Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

Purpose		PART 8 PLANNING	
Title		PROPOSED STORM WATER LAYOUT PLAN	
Original Scale	Design/Drawn	Checked	Authorised
1:500 @ A1 1:1000 @ A3	WMG	MK	MOS
Date	Date	Date	Date
04.03.21	04.03.21	04.03.21	04.03.21
Status	Drawing Number	Rev	
P	CNW P4A-ATK-P4A-Z0-DR-C-960500	P04	



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

- LEGEND:
- PHASE 4A SITE BOUNDARY LINE
 - PROPOSED FOUL SEWER
 - PROPOSED FOUL SEWER MANHOLE
 - PROPOSED PIPE DETAILS SHOWING PIPE NUMBER, DIAMETER AND SLOPE PROPOSED
 - PROPOSED MANHOLE DETAILS SHOWING MANHOLE NUMBER, COVER LEVEL AND INVERT LEVEL
 - PROPOSED FOUL SEWER OUTSIDE PHASE 4A PROJECT
 - PROPOSED FOUL SEWER MANHOLE OUTSIDE PHASE 4A PROJECT
 - EXISTING FOUL SEWER
 - EXISTING FOUL SEWER MANHOLE

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 COUNCIL'S MINIMUM ENGINEERING REQUIREMENTS FOR NEW DEVELOPMENTS.

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OS REFERENCE:
6337-23 6382-03

Rev	Description	By	Date	Chk'd	Auth
P04	RE-ISSUED FOR PART 8 PLANNING	GM	01.03.22	MK	MOS
P03	ISSUED FOR PART 8 PLANNING	GM	02.02.22	MK	MOS
P02	ISSUED FOR STAGE 2A	GM	01.07.21	DH	MOS
P01	ISSUED FOR PRE-PART 8	GM	19.04.21	MK	MOS

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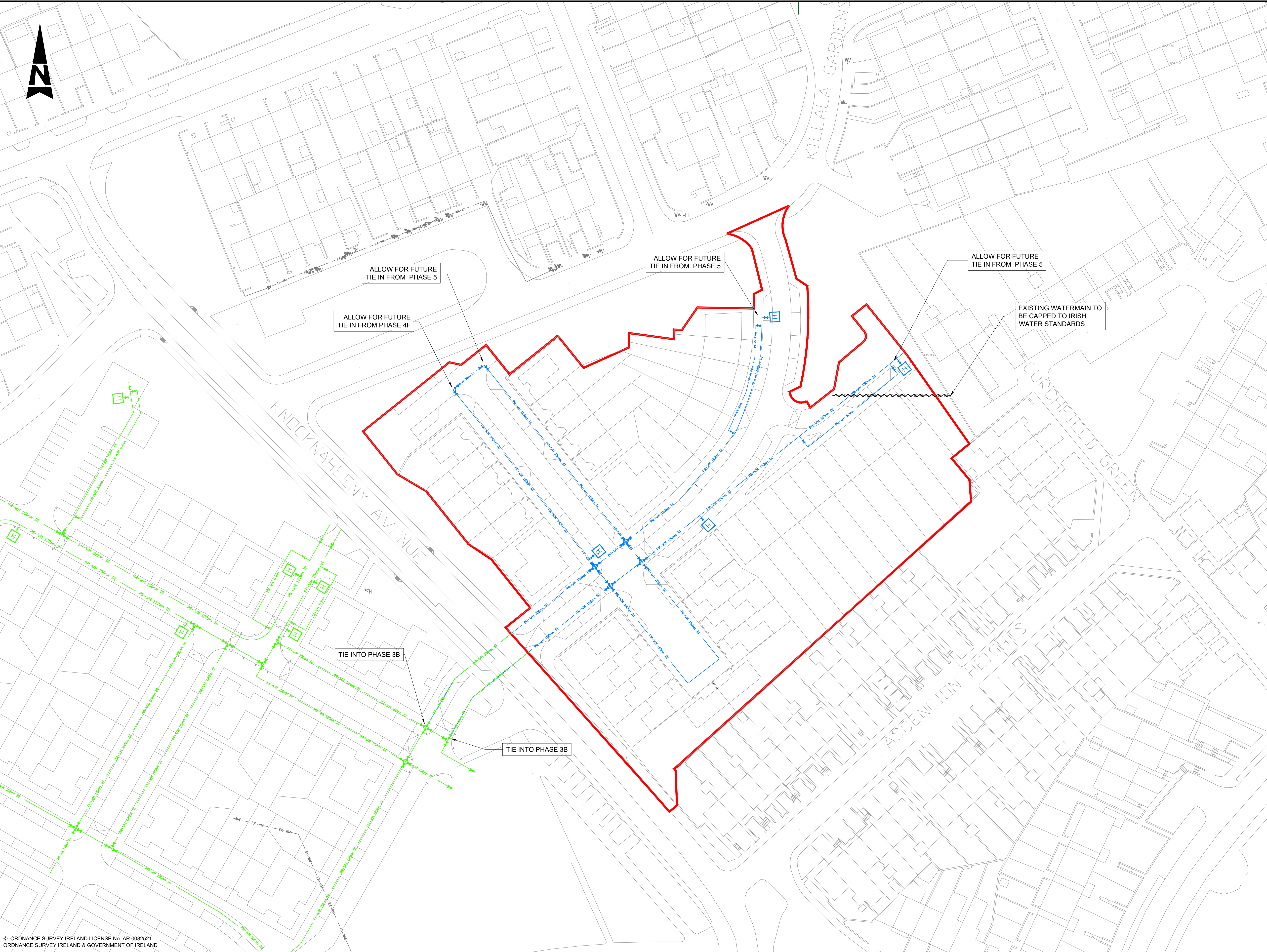
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Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

Purpose	PART 8 PLANNING			
Title	PROPOSED FOUL WATER LAYOUT PLAN			
Original Scale	1:500 @ A1 1:1000 @ A3	Design/Drawn	WMG	Checked
Date	04.03.21	Date	04.03.21	Date
Status	P	Drawing Number	CNW P4A-ATK-P4A-Z0-DR-C-960520	Rev
				P04



- 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 4A SITE BOUNDARY LINE
 - PROPOSED Ø150mm DI WATERMAIN - WITHIN PHASE 4A PROJECT
 - PROPOSED Ø100mm DI WATERMAIN - WITHIN PHASE 4A PROJECT
 - PROPOSED Ø63mm DI WATERMAIN - WITHIN PHASE 4A PROJECT
 - PROPOSED SLUICE VALVE - WITHIN PHASE 4A PROJECT
 - PROPOSED HYDRANT - WITHIN PHASE 4A PROJECT
 - PROPOSED Ø150mm DI WATERMAIN - OUTSIDE PHASE 4A PROJECT
 - PROPOSED Ø100mm DI WATERMAIN - OUTSIDE PHASE 4A PROJECT
 - PROPOSED SLUICE VALVE - OUTSIDE PHASE 4A PROJECT
 - PROPOSED HYDRANT - OUTSIDE PHASE 4A PROJECT
 - EXISTING WATERMAIN PIPE
 - EXISTING WATER VALVE
 - EXISTING WATER METER
 - EXISTING FIRE HYDRANT
 - 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.

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P04	RE-ISSUED FOR PART 8 PLANNING	GM	01.03.22	MK	MOS
P03	ISSUED FOR PART 8 PLANNING	GM	02.02.22	MK	MOS
P02	ISSUED FOR STAGE 2A	GM	01.07.21	DH	MOS
P01	ISSUED FOR PRE-PART 8	GM	19.04.21	MK	MOS

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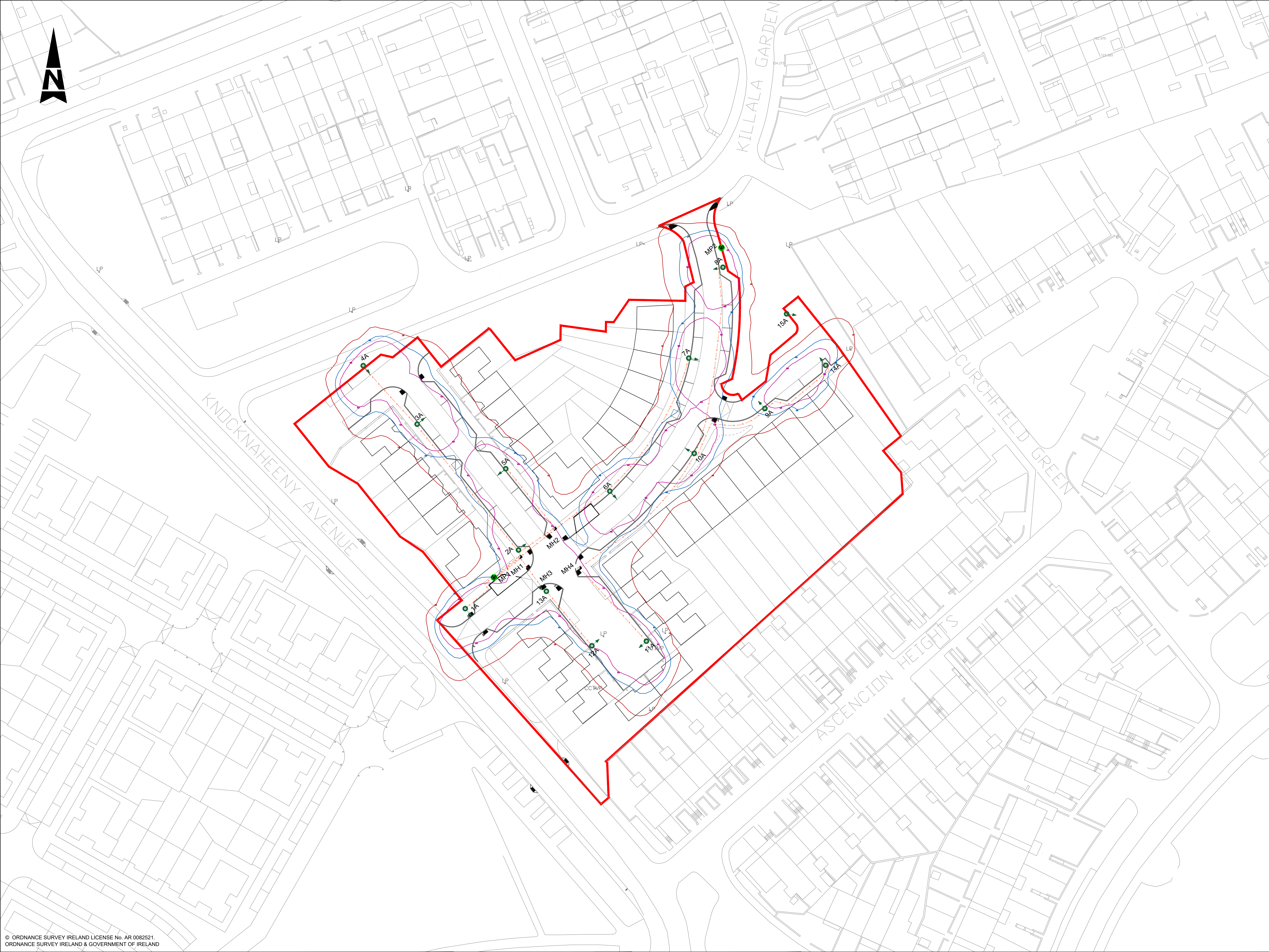
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Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

Purpose	PART 8 PLANNING			
Title	PROPOSED WATERMAIN LAYOUT PLAN			
Original Scale	1:500 @ A1 1:1000 @ A3	Design/Drawn	GM	Checked
Date	10.03.21	Date	10.03.21	Date
Status	P	Drawing Number	CNW P4A-ATK-P4A-Z0-DR-C-962700	Rev
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OS REFERENCE:
6337-23 6382-03

Rev	Description	By	Date	Chk'd	Auth
P04	RE-ISSUED FOR PART 8 PLANNING	GM	01.03.22	MK	MOS
P03	ISSUED FOR PART 8 PLANNING	GM	02.02.22	MK	MOS
P02	ISSUED FOR STAGE 2A	GM	01.07.21	NS	MOS
P01	ISSUED FOR PRE-PART 8	GM	09.04.21	NS	MOS

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Client	Cork City Council
Project	CorkNW Regeneration Quarter Phase 4A

GENERAL NOTES

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- ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
- ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
- DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.

LEGEND:

- PHASE 4A SITE BOUNDARY LINE
- PUBLIC LIGHTING COLUMN (PROPOSED) - LUMINAIRE TYPE A
- 5.0 LUX LEVELS
- 3.0 LUX LEVELS
- 1.0 LUX LEVELS
- PUBLIC LIGHTING CHAMBER (PROPOSED)
- PUBLIC LIGHTING MINI PILLAR - UNMETERED (LOCATED AT LEAST 2m FROM ESB PILLAR)
- PUBLIC LIGHTING DUCT (PROPOSED) 2X8sq NYC/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.
- EXISTING PUBLIC LIGHTING POST
- EXISTING CCTV POST

LUMINAIRE SPECIFICATIONS

LUMINAIRE TYPE A DETAILS

TYPE:	E950-28-F2P-740-SE-0500-22W
OPTIC:	A2
LAMP:	740SA
COLOUR TEMPERATURE:	3000K
LAMP FLUX:	3.27
MAINTENANCE FACTOR:	0.89
NO. IN PROJECT:	14
COLUMN HEIGHT:	6.0m; 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						
Title	PROPOSED PUBLIC LIGHTING LAYOUT						
Original Scale	1:500 @ A1 1:1000 @ A3	Design/Drawn	GM	Checked	AK	Authorised	NS
Date	29.03.21	Date	29.03.21	Date	29.03.21	Date	29.03.21
Status	P	Drawing Number	CNW P4A-ATK-P4A-Z0-DR-E-961300	Rev	P04		

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