



- 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

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 ELLIS YARD DEVELOPMENT

--- SITE BOUNDARY

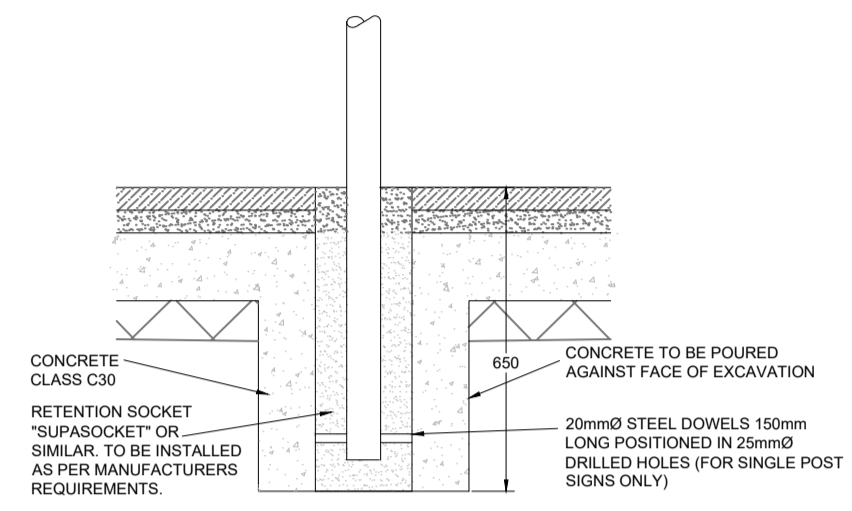
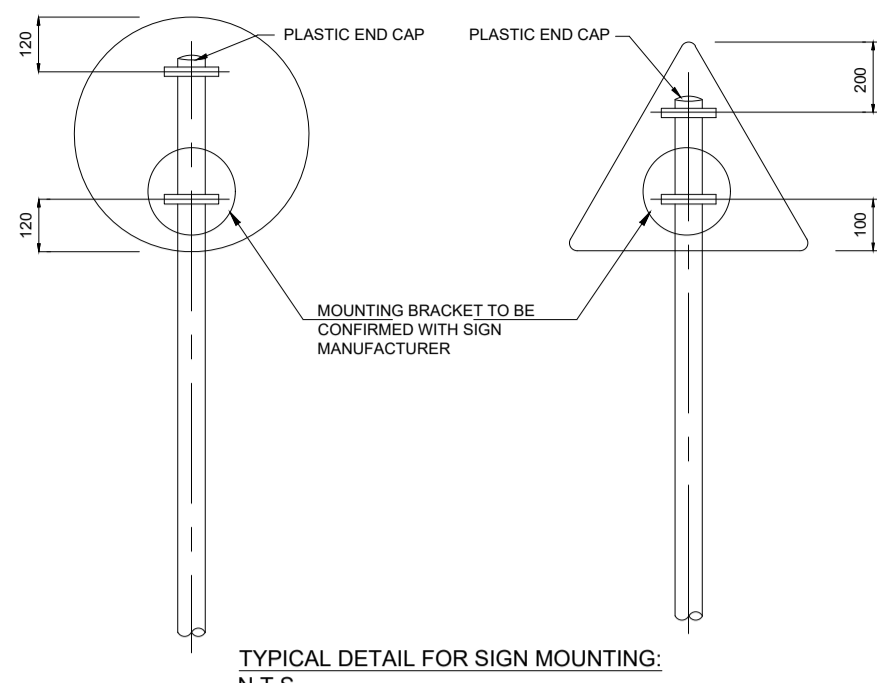
Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8	KE	14.02.24	PP	VO	MOS
2	ISSUED FOR STAGE 2A	CG	26.09.23	ND	VO	MOS
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0	ISSUED FOR INFORMATION	KE	06.07.23	ND	VO	MOS



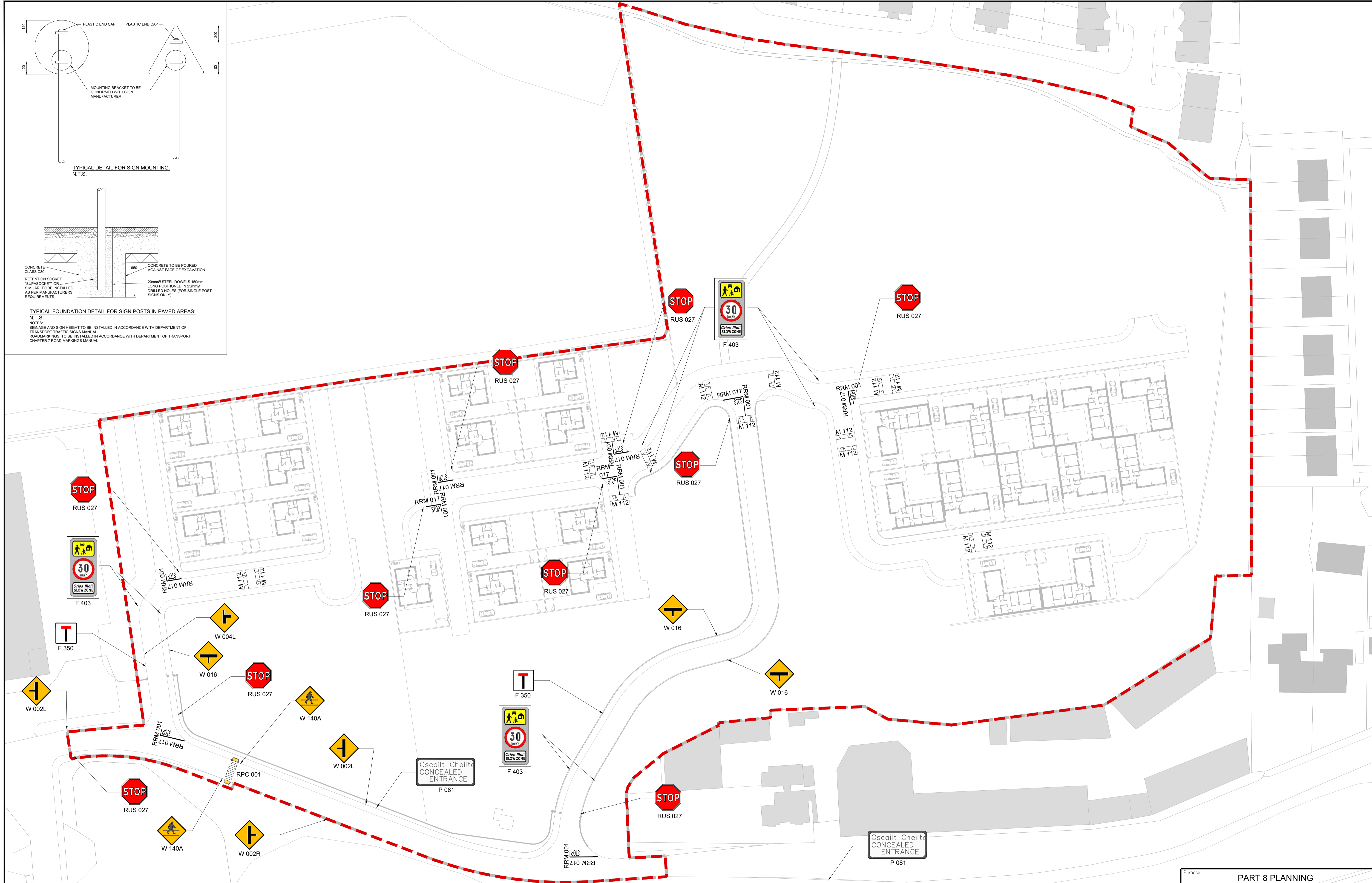
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Purpose: CORK CITY COUNCIL
 Title: PROPOSED SITE INTERFACE LAYOUT
 Project: SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

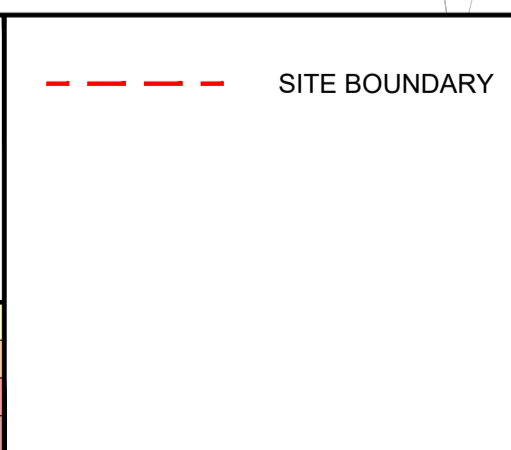
Original Scale	1:500 @A1	Drawn	FE	Checked	ND	Reviewed	VO	Authorised	MOS
Date	10/05/23	Date	10/05/23	Date	10/05/23	Date	10/05/23	Date	10/05/23
Status	P	Drawing Number	SLEYGH-XXX-XXX-DR-ATK-CE-930110						
Rev								3	



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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ELLIS YARD DEVELOPMENT



Risk Level X Atkins Base Line - Low Risk
Atkins Sensitive - Medium Risk
Atkins Private - High Risk
Client Critical - Already Marked

Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14/02/24	PP	VO	MOS
2	ISSUED FOR STAGE 2A	CG	26/09/23	ND	VO	MOS
1	ISSUED FOR STAGE 2A	KE	18/09/23	ND	VO	MOS
0	ISSUED FOR INFORMATION	ND	10/05/23	ND	VO	MOS

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Client: CORK CITY COUNCIL

Project: SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

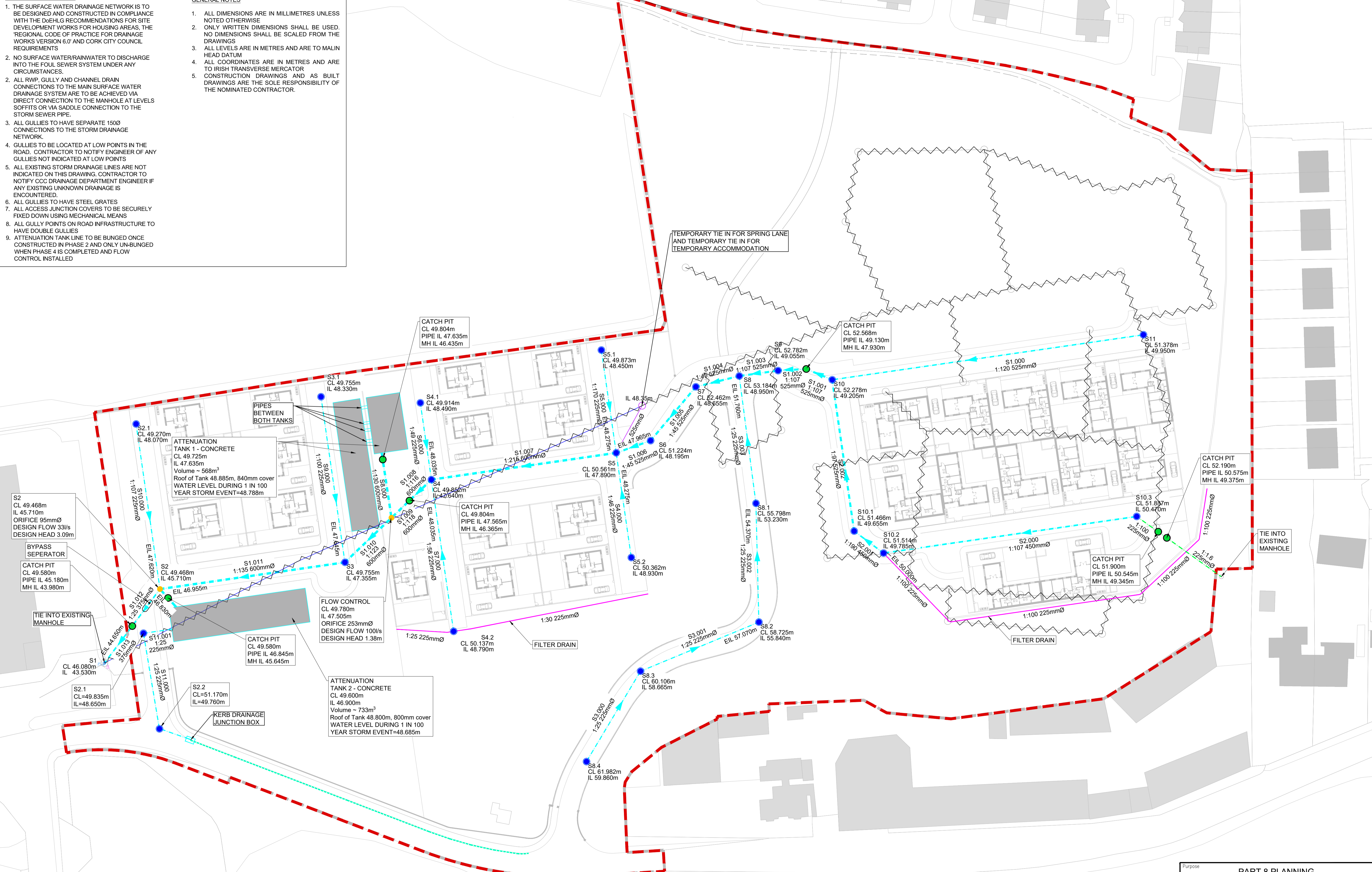
Purpose		PART 8 PLANNING			
Title		PROPOSED TRAFFIC SIGNS AND ROAD MARKINGS			
Original Scale	Drawn	Checked	Reviewed	Authorised	
1:500 @A1	KE	ND	VO	MOS	
1:1000 @A3	Date 10/05/23	Date 10/05/23	Date 10/05/23	Date 10/05/23	
Status	Drawing Number	Rev			
P	SLEYGH-XXX-XXX-DR-ATK-CE-930200	3			

SURFACE WATER NOTES:

1. THE SURFACE WATER DRAINAGE NETWORK IS TO BE DESIGNED AND CONSTRUCTED IN COMPLIANCE WITH THE DOEHLG RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS, THE REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS VERSION 6.0 AND CORK CITY COUNCIL REQUIREMENTS
2. NO SURFACE WATER/RAINWATER TO DISCHARGE INTO THE FOUL SEWER SYSTEM UNDER ANY CIRCUMSTANCES.
2. ALL RWP, GULLY AND CHANNEL DRAIN CONNECTIONS TO THE MAIN SURFACE WATER DRAINAGE SYSTEM ARE TO BE ACHIEVED VIA DIRECT CONNECTION TO THE MANHOLE AT LEVELS SOFFITS OR VIA SADDLE CONNECTION TO THE STORM SEWER PIPE.
3. ALL GULLIES TO HAVE SEPARATE 1500 CONNECTIONS TO THE STORM DRAINAGE NETWORK.
4. GULLIES TO BE LOCATED AT LOW POINTS IN THE ROAD. CONTRACTOR TO NOTIFY ENGINEER OF ANY GULLIES NOT INDICATED AT LOW POINTS
5. ALL EXISTING STORM DRAINAGE LINES ARE NOT INDICATED ON THIS DRAWING. CONTRACTOR TO NOTIFY CCC DRAINAGE DEPARTMENT ENGINEER IF ANY EXISTING UNKNOWN DRAINAGE IS ENCOUNTERED.
6. ALL GULLIES TO HAVE STEEL GRATES
7. ALL ACCESS JUNCTION COVERS TO BE SECURELY FIXED DOWN USING MECHANICAL MEANS
8. ALL GULLY POINTS ON ROAD INFRASTRUCTURE TO HAVE DOUBLE GULLIES
9. ATTENUATION TANK LINE TO BE BUNGED ONCE CONSTRUCTED IN PHASE 2 AND ONLY UNBUNGED WHEN PHASE 4 IS COMPLETED AND FLOW CONTROL INSTALLED

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 ELLIS YARD DEVELOPMENT

- SITE BOUNDARY
- PROPOSED SW PIPE & MANHOLE
- PROPOSED SW PIPE WITH BY-PASS SEPARATOR
- KERB DRAINAGE
- KERB DRAINAGE JUNCTION BOX
- CONCRETE ATTENUATION TANKS
- EXISTING LINE TO BE REMOVED AS PART OF ELLIS YARD
- EXISTING LINE TO BE REMOVED AS PART OF SPRING LANE
- EXISTING MANHOLE TO BE REMOVED
- PROPOSED FLOW CONTROL MANHOLE
- PROPOSED FILTER DRAIN
- PROPOSED CATCHPIT MANHOLE TO BE MINIMUM 1.2m BELOW IL INFRASTRUCTURE
- PROPOSED TEMPORARY TIE IN MANHOLE
- EXISTING LINE TO BE REPLACED
- PROPOSED TEMPORARY TIE IN LINE FOR SPRING LANE
- EXISTING MANHOLE

Rev	Description	By	Date	Chk'd	Rev'd	Auth
4	ISSUED FOR PART 8 PLANNING	KE	14.02.24	PP	VO	MOS
3	ISSUED FOR STAGE 2A	CG	26.09.23	ND	VO	MOS
2	ISSUED FOR STAGE 2A	KE	18.09.23	ND	VO	MOS
1	ISSUED FOR INFORMATION	KE	05.07.23	ND	VO	MOS
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Client: **CORK CITY COUNCIL**

Project: **SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION**

Purpose		PART 8 PLANNING			
Title		PROPOSED STORM WATER LAYOUT			
Original Scale	1:500 @A1	Drawn	Checked	Reviewed	Authorised
	1:1000 @A3	KE	ND	VO	MOS
Date	10/05/23	Date	10/05/23	Date	10/05/23
Status	P	Drawing Number	SLEYGH-XXX-XXX-DR-ATK-CE-930500		
Rev	4				

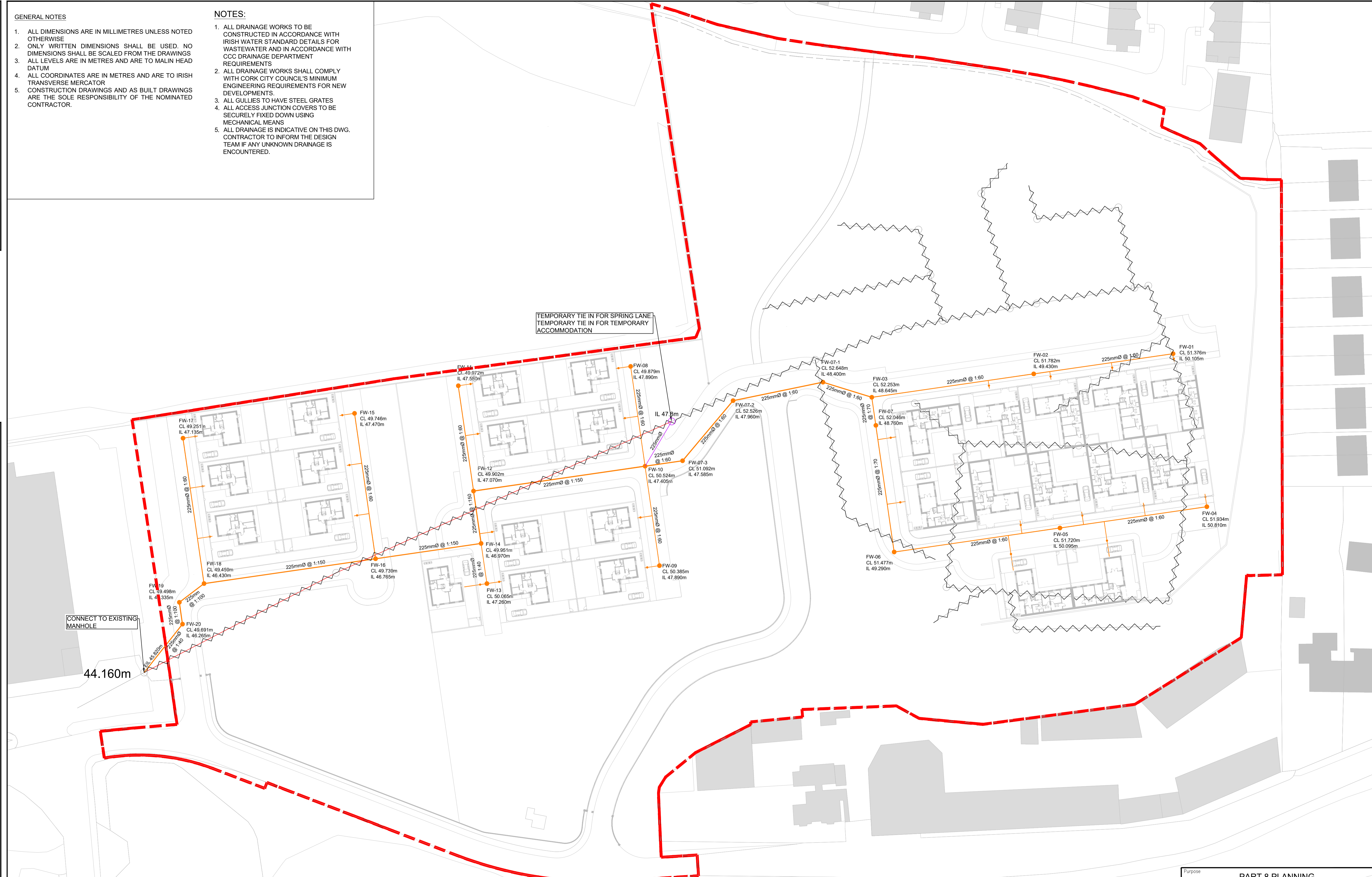


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NOTES:

1. ALL DRAINAGE WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS FOR WASTEWATER AND IN ACCORDANCE WITH CCC DRAINAGE DEPARTMENT REQUIREMENTS
2. ALL DRAINAGE WORKS SHALL COMPLY WITH CORK CITY COUNCIL'S MINIMUM ENGINEERING REQUIREMENTS FOR NEW DEVELOPMENTS.
3. ALL GULLIES TO HAVE STEEL GRATES
4. ALL ACCESS JUNCTION COVERS TO BE SECURELY FIXED DOWN USING MECHANICAL MEANS
5. ALL DRAINAGE IS INDICATIVE ON THIS DWG. CONTRACTOR TO INFORM THE DESIGN TEAM IF ANY UNKNOWN DRAINAGE IS ENCOUNTERED.



TEMPORARY TIE IN FOR SPRING LANE
 TEMPORARY TIE IN FOR TEMPORARY ACCOMMODATION

CONNECT TO EXISTING MANHOLE

44.160m

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 ELLIS YARD DEVELOPMENT

Risk Level	X	Atkins Base Line - Low Risk
		Atkins Sensitive - Medium Risk
		Atkins Private - High Risk
		Client Critical - Already Marked

- - - - - SITE BOUNDARY
- PROPOSED FOUL SEWER
- PROPOSED FOUL SEWER MANHOLE
- PROPOSED INSPECTION CHAMBER
- ~ ~ ~ ~ ~ EXISTING LINE TO BE REMOVED AS PART OF ELLIS YARD
- ~ ~ ~ ~ ~ EXISTING LINE TO BE REMOVED AS PART OF SPRING LANE
- EXISTING LINE

- PROPOSED TEMPORARY TIE IN MANHOLE
- PROPOSED TEMPORARY TIE IN LINE FOR SPRING LANE
- EXISTING MANHOLE

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2	ISSUED FOR STAGE 2A	KE	18.09.23	ND	VO	MOS
1	ISSUED TO IWC FOR PCE	KE	05.07.23	ND	VO	MOS
0	ISSUED TO IW FOR PCE	ND	10.05.23	ND	VO	MOS



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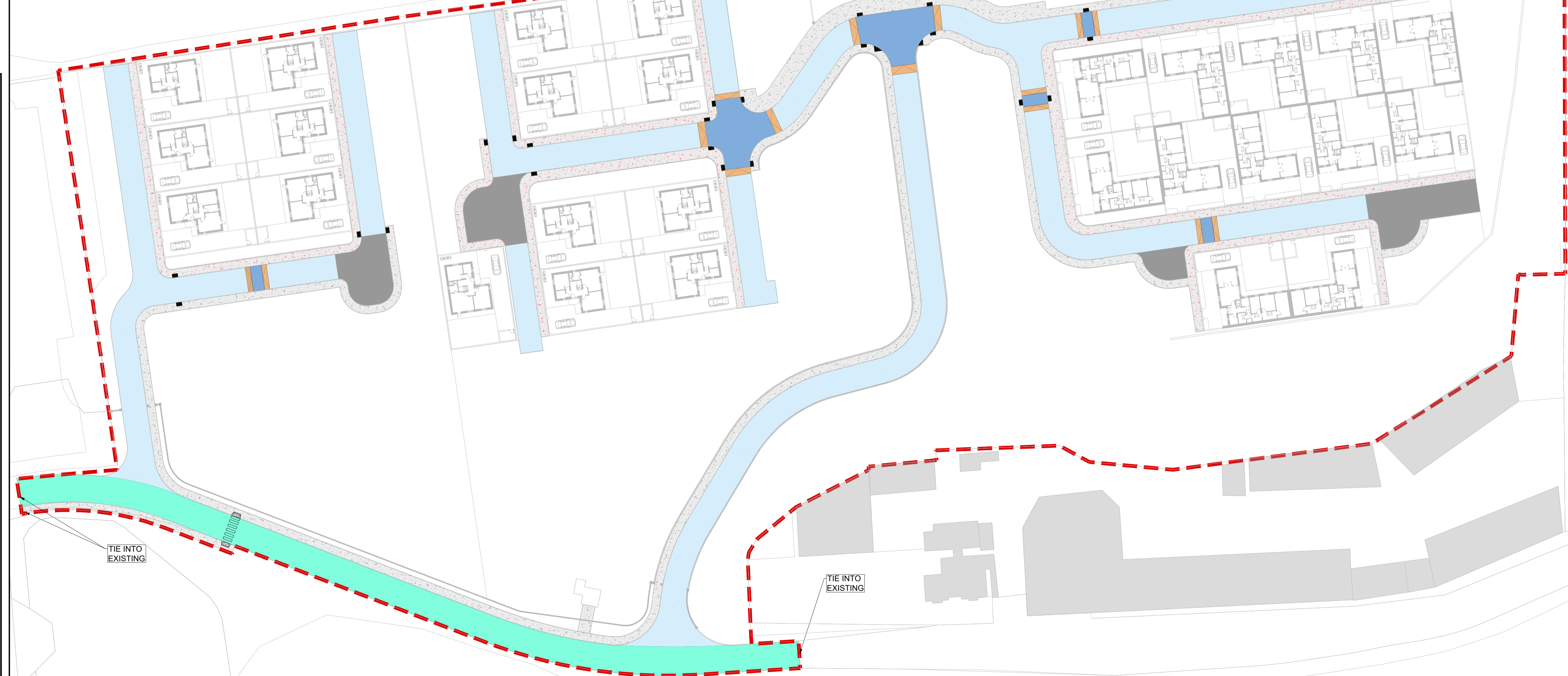
Client	CORK CITY COUNCIL
Project	SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose	PART 8 PLANNING				
Title	PROPOSED FOUL SEWER LAYOUT				
Original Scale	1:500 @A1	Drawn	Checked	Reviewed	Authorised
Scale	1:1000 @A3	FE	ND	VO	MOS
Date	10/05/23	Date	10/05/23	Date	10/05/23
Status	P	Drawing Number	SLEYGH-XXX-XXX-DR-ATK-CE-930520		
Rev					4

100
0 10
A1

DO NOT SCALE

TABLE 1			General Requirement
1	Location: New Pavement Build-up		
2	Grid for checking surface levels of pavement courses, if different from the requirements of C1 702.4	Long dim: Trans dim:	N/A N/A
3	Surface regularity (C1 702.7 and C1 702.8)	Category of Road Long Reg: Trans Reg:	A
4	Requirements for coarse aggregates - Polished Stone Value (PSV), Aggregate Abrasion Value (AAV) [Series 900 Cl 3.2.2, 5.2.2, 6.2.2, 8.4.1.1, 8.6.1.1]		PSV 62 Min AAV 12 Max
5	Requirements for pre-coated chipping - Polished Stone Value (PSV) for general use mixtures, PSV for mixtures for roundabouts. Aggregate Abrasion Value (AAV) [Series 900 Cl 4.2.4]		Yes
6	Requirement for testing for Polished Stone Value using the friction after polishing test (NRA HD 300 Clause 2.25)		Yes
7	Freezing and thawing (soundness) category if different from the requirements of Series 900 Tables 1.4, 7, 10, and 17		N/A
8	Compaction control and extraction of cores id different from the requirements of Series 900 Cls 10.1.9, 10.1.9.1, 10.1.9.2, 10.1.9.3, 10.1.9.4		N/A
9	Requirements for monitoring resistance to permanent deformation of HRA [Series 900 Cl, 10.1.10.1]		N/A
10	Sealant to be applied to the whole of any freestanding edge on the outside of the finished pavement on the low side of the camber [Series 900 Cl 10.1.8]		Yes
11	Any tests additional to those required by IS EN 13108-20, IS EN 13108-21 or the relevant SRW [Series 900 Cl 1.2 and 1.3]		N/A
12	Whether subbase material may be spread in more than one layer [Cl 802.4]		Yes
3 Minimum declared PSV of chippings. [Series 900 Clause 7.2.3.1.2 and NRA HD 36 Table 4.1] Minimum PSV = 62 declared			
4 Maximum AAV of chippings. [Series 900 Clause 7.2.3.1.2 and NRA HD 36 Table 4.2] Aggregate Abrasion Value = aav12 (BS 812)			
6 Category for accuracy of spread of chippings required. [Series 900 Clause 7.2.3.2.3] Category 1			
7 Category for tolerance on rate of spread of binder required. [Series 900 Clause 7.2.3.2.2] Category 1			
8 Category for tolerance on rate of spread of chippings required. [Series 900 Clause] Category 1			
9 Frequency of testing required for binder and chipping application. [Series 900 Clause] Category F1			



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LEGEND

- SITE BOUNDARY
- TACTILE PAVING
- DROPPED KERB AND PEDESTRIAN CROSSING

PC1 - PAVEMENT CONSTRUCTION ASPHALT ROAD

- 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 40/60DES 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 *

PC2 - PAVEMENT OVERLAY

- 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 40/60DES TO CLAUSE 3.1.4 OF TII SRW 900 SERIES
- EXISTING PAVEMENT TO BE PLAINED DOWN TO APPROPRIATE LEVEL AND A TACK COURSE APPLIED IN ADVANCE OF REGULATING COURSE BEING APPLIED
- WHERE REQUIRED ADDITIONAL REGULATING COURSE MAY BE REQUIRED TO ACHIEVE DESIGN LEVELS UP TO 140mm

PC3 - PAVEMENT CONSTRUCTION RAISED TABLES

- 40mm SURFACE COURSE: HRA 35/14F TO CLAUSE 4.1.2 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 *

PC4 - PAVEMENT CONSTRUCTION REINFORCED FOOTPATH **

- 225mm C30 CONCRETE. SURFCE TO BE BRUSH FINISHED
- 100mm COMPACTED 804SUB BASE MATERIAL

PC5 - PAVEMENT CONSTRUCTION FOOTPATH **

- 150mm C30 CONCRETE. SURFCE TO BE BRUSH FINISHED
- 100mm COMPACTED 804 SUB BASE MATERIAL

PC6 - PAVEMENT CONSTRUCTION ROAD CONCRETE - BLACK PIGMENT

- 225mm THICK R.C. SLAB 1NO. LAYER OF A252 MESH T&B ON TOP OF 50mm SAND BLINDING. CONCRETE TO BE PIGMENTED BLACK AND SURFACE TO BE BRUSH FINISHED
- 150mm WELL COMPACTED 804 SUB BASE MATERIAL
- 600mm WELL COMPACTED CLAUSE 6F2 STONE

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Date: Feb 20, 2024 - 4:49pm
Plotted by: kengish

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ELLIS YARD DEVELOPMENT

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NOTES PERTAINING TO LEGEND

CONTRACTOR TO INCLUDE 32 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 PAVEMENT TO BE CONSTRUCTED IN ACCORDANCE WITH TABLE 1 AS SHOWN ON DRAWING

*** ALL FOOTPATH PAVEMENTS TO HAVE 'NON SLIP FINISH'. SEE TII CC-SD-01 103 FOR DETAILS

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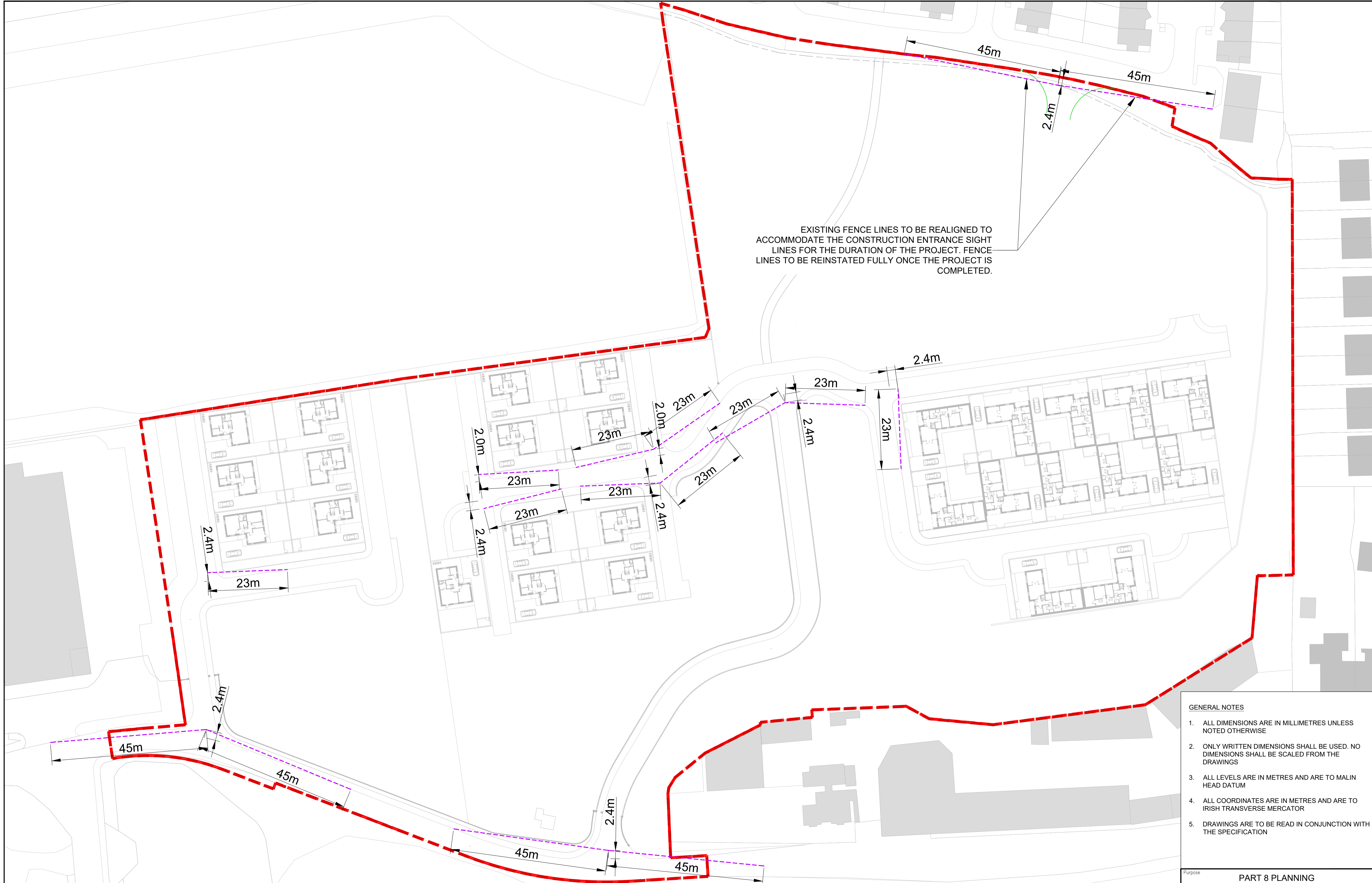
Client: **CORK CITY COUNCIL**

Project: **SPRING LANE AND ELLIS YARD REDEVELOPMENT**

Purpose: **PART 8 PLANNING**

Title: **PROPOSED PAVEMENT LAYOUT**

Original Scale	1:500	Drawn	ND	Checked	ND	Reviewed	VO	Authorised	MOS
Date	10/05/23	Date	10/05/23	Date	10/05/23	Date	10/05/23	Date	10/05/23
Status	P	Drawing Number	SLEYGH-XXX-XXX-DR-ATK-EE-930700			Rev	3		



EXISTING FENCE LINES TO BE REALIGNED TO ACCOMMODATE THE CONSTRUCTION ENTRANCE SIGHT LINES FOR THE DURATION OF THE PROJECT. FENCE LINES TO BE REINSTATED FULLY ONCE THE PROJECT IS COMPLETED.

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--- SITE BOUNDARY
 - - - JUNCTION SIGHT LINES

CONSTRUCTION ENTRANCE (TO BE REMOVED FOLLOWING COMPLETION OF THE PROJECT AND RETURNED TO EXISTING FORM ONCE PROJECT COMPLETE)

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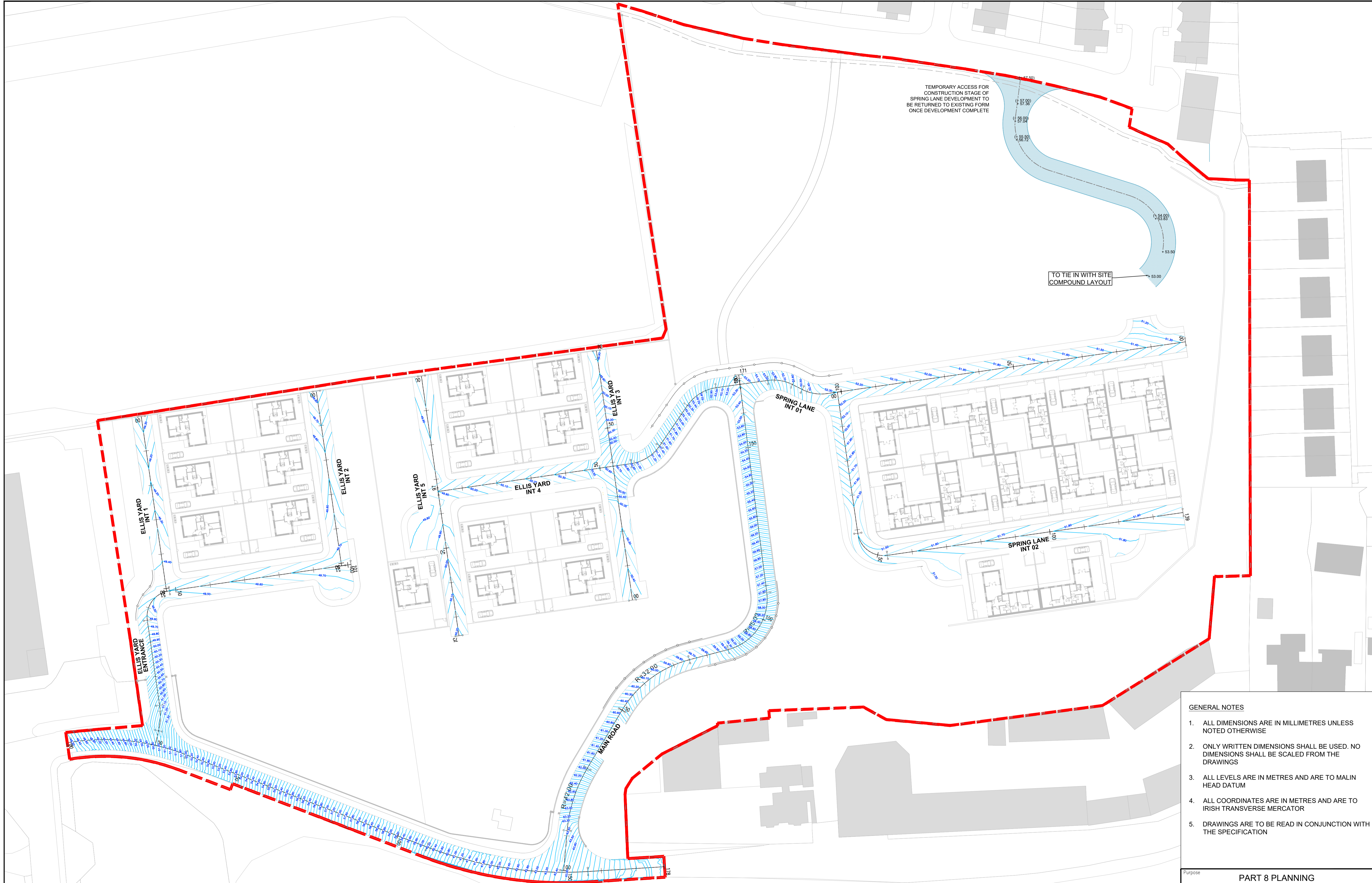
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Client: **CORK CITY COUNCIL**

Project: **SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION**

Purpose: PART 8 PLANNING		Title: PROPOSED ROAD LAYOUT JUNCTION SIGHT LINES	
Original Scale: 1:500 @A1	Drawn: ND	Checked: ND	Reviewed: VO
1:1000 @A3	Date: 10/05/23	Date: 10/05/23	Date: 10/05/23
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	SITE BOUNDARY		ROAD CONTOURS
	ROAD CRASH BARRIER		EXISTING SPOT LEVELS
	EXISTING SPOT LEVELS		PROPOSED SPOT LEVELS
	CONSTRUCTION STAGE ACCESS (TO BE RETURNED TO EXISTING FORM ONCE PROJECT COMPLETE)		

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Client: CORK CITY COUNCIL

Project: SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

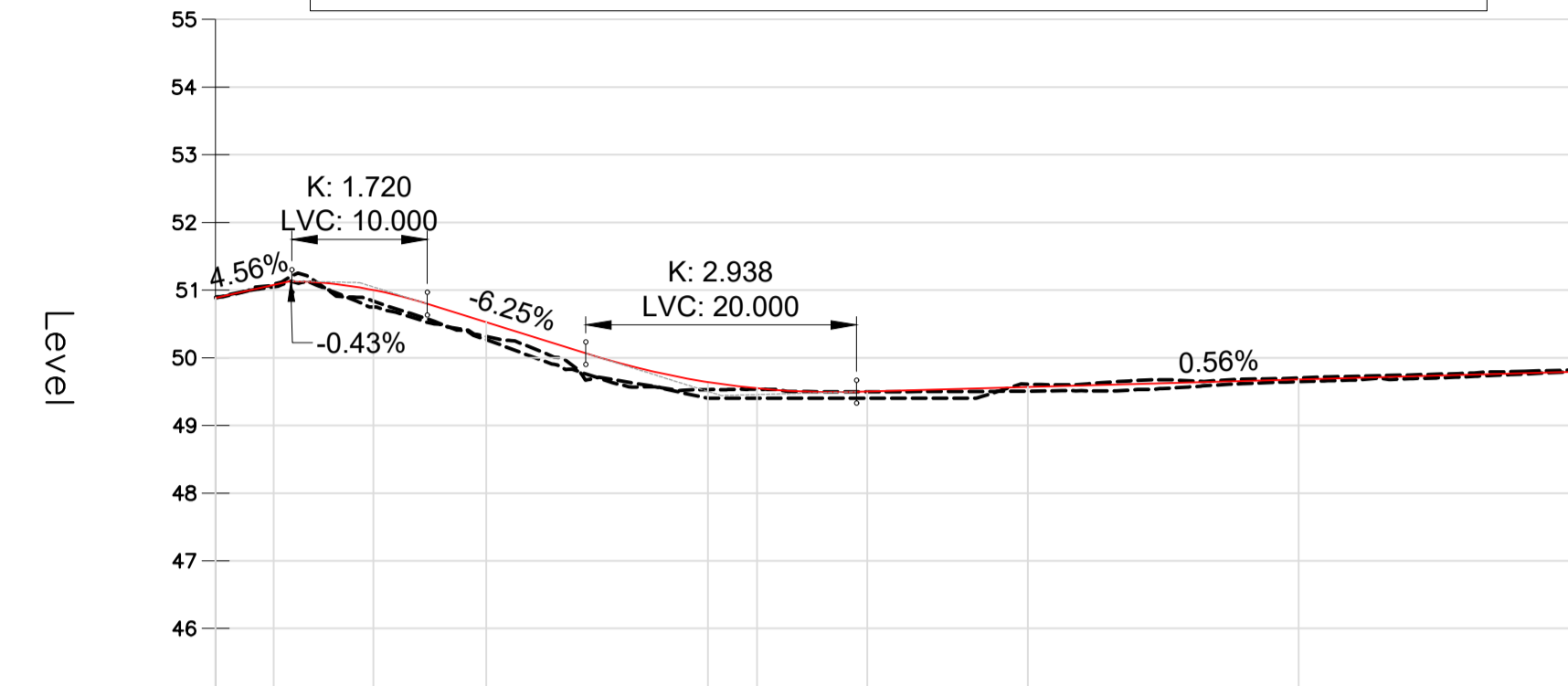
Purpose: PART 8 PLANNING		Title: PROPOSED LONGITUDINAL ROAD SECTIONS ALIGNMENT PLAN	
Original Scale: 1:500 @A1	Drawn: ND	Checked: ND	Reviewed: VO
1:1000 @A3	Date: 10/05/23	Date: 10/05/23	Date: 10/05/23
Status: P	Drawing Number: SLEYGH-XXX-XXX-DR-ATK-CE-930760	Rev: 3	

A1

DO NOT SCALE

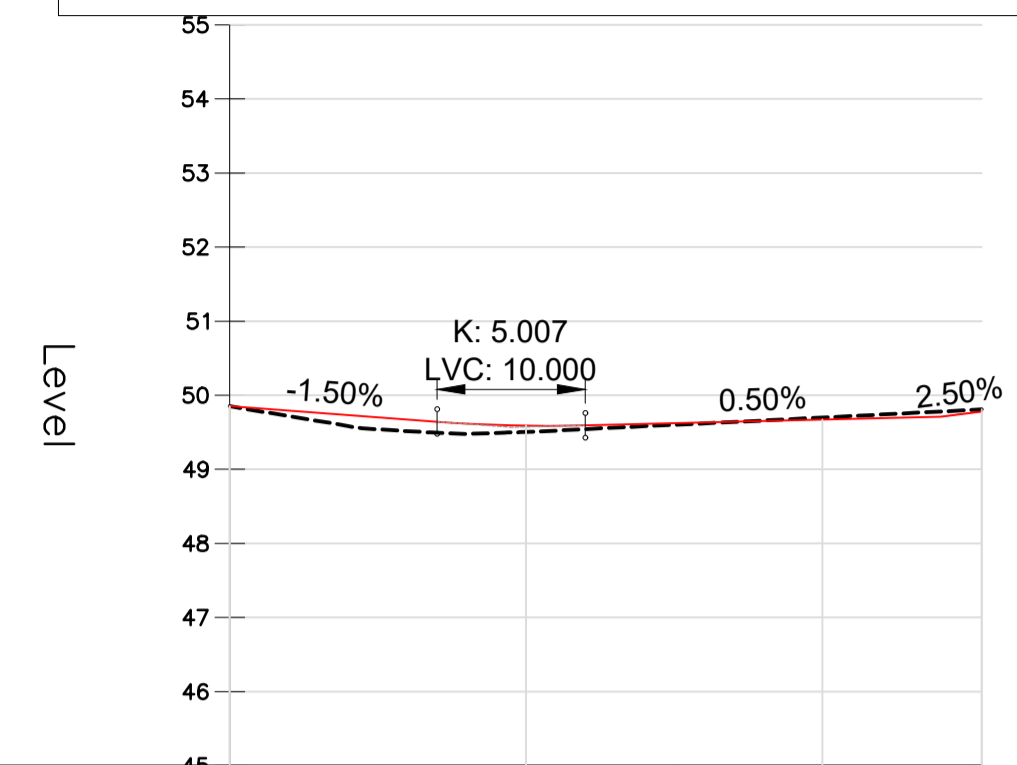
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Date: Feb 16, 2024 - 2:43pm
Plotted by: kengish

ELLIS YARD ENTRANCE - LONGSECTION
SCALE: H 1:500, V 1:100.



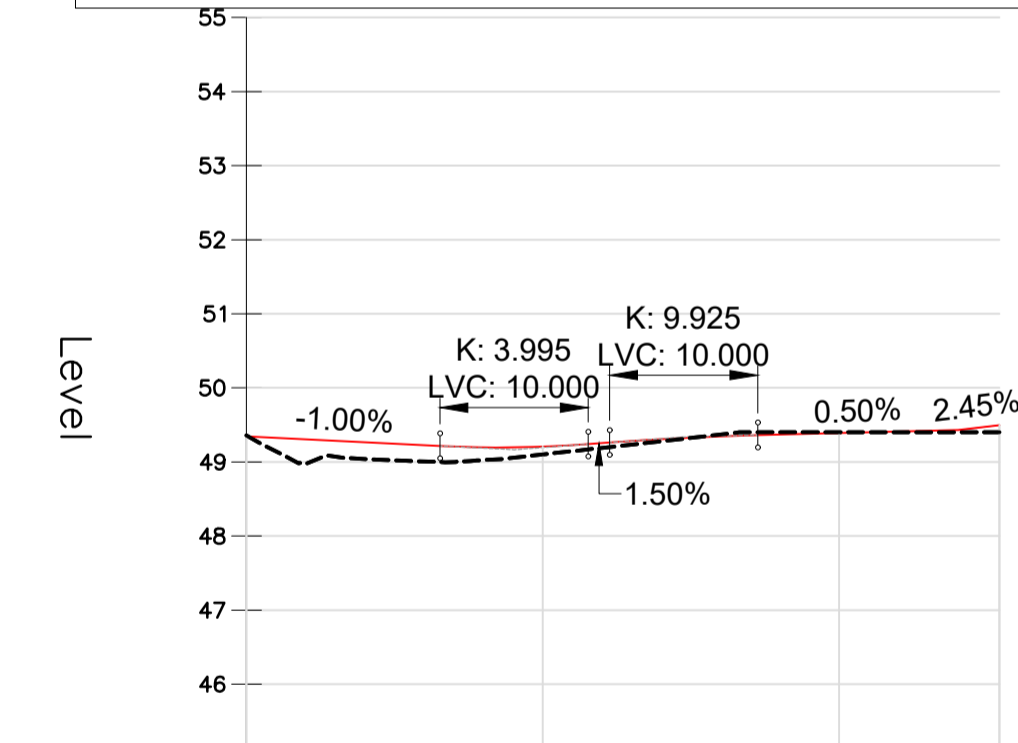
CHAINAGE	0+000	10+000	20+000	30+000	40+000	50+000	60+000	70+000	80+000	90+000	100+000
GROUND LEVELS	50.882	50.896	50.288	49.587	49.400	49.400	49.609	49.674	49.700	49.756	49.818
PROPOSED LEVELS	50.882	51.078	51.132	51.058	51.008	51.000	50.798	50.525	50.066	49.912	49.812
HORIZONTAL GEOMETRY	R: 20.000 L: 7.375		L=24.696			R: 7.500 L: 11.781		L=52.767			

ELLIS YARD INT 2 - LONGSECTION
SCALE: H 1:500, V 1:100.



CHAINAGE	0+000	10+000	20+000	30+000	40+000	50+000
GROUND LEVELS						49.762
PROPOSED LEVELS	49.852	49.703	49.643	49.588	49.593	49.673
HORIZONTAL GEOMETRY	L=50.767					

ELLIS YARD INT 1 - LONGSECTION
SCALE: H 1:500, V 1:100.



CHAINAGE	0+000	10+000	20+000	30+000	40+000	50+000
GROUND LEVELS	49.357	49.023	49.102	49.325	49.400	49.400
PROPOSED LEVELS	49.347	49.247	49.216	49.189	49.207	49.241
HORIZONTAL GEOMETRY	L=50.814					

- GENERAL NOTES**
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 - ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
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 - ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
 - DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

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ELLIS YARD DEVELOPMENT

--- EXISTING GROUND LEVEL
— PROPOSED ROAD LEVEL

Risk Level	X	Atkins Base Line - Low Risk
		Atkins Sensitive - Medium Risk
		Atkins Private - High Risk
		Client Critical - Already Marked

Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14/02/24	PP	VO	MOS
2	ISSUED FOR STAGE 2A	CG	26/09/23	ND	VO	MOS
1	ISSUED FOR STAGE 2A	KE	18/09/23	ND	VO	MOS
0	ISSUED TO IW FOR PCE	ND	10/05/23	ND	VO	MOS



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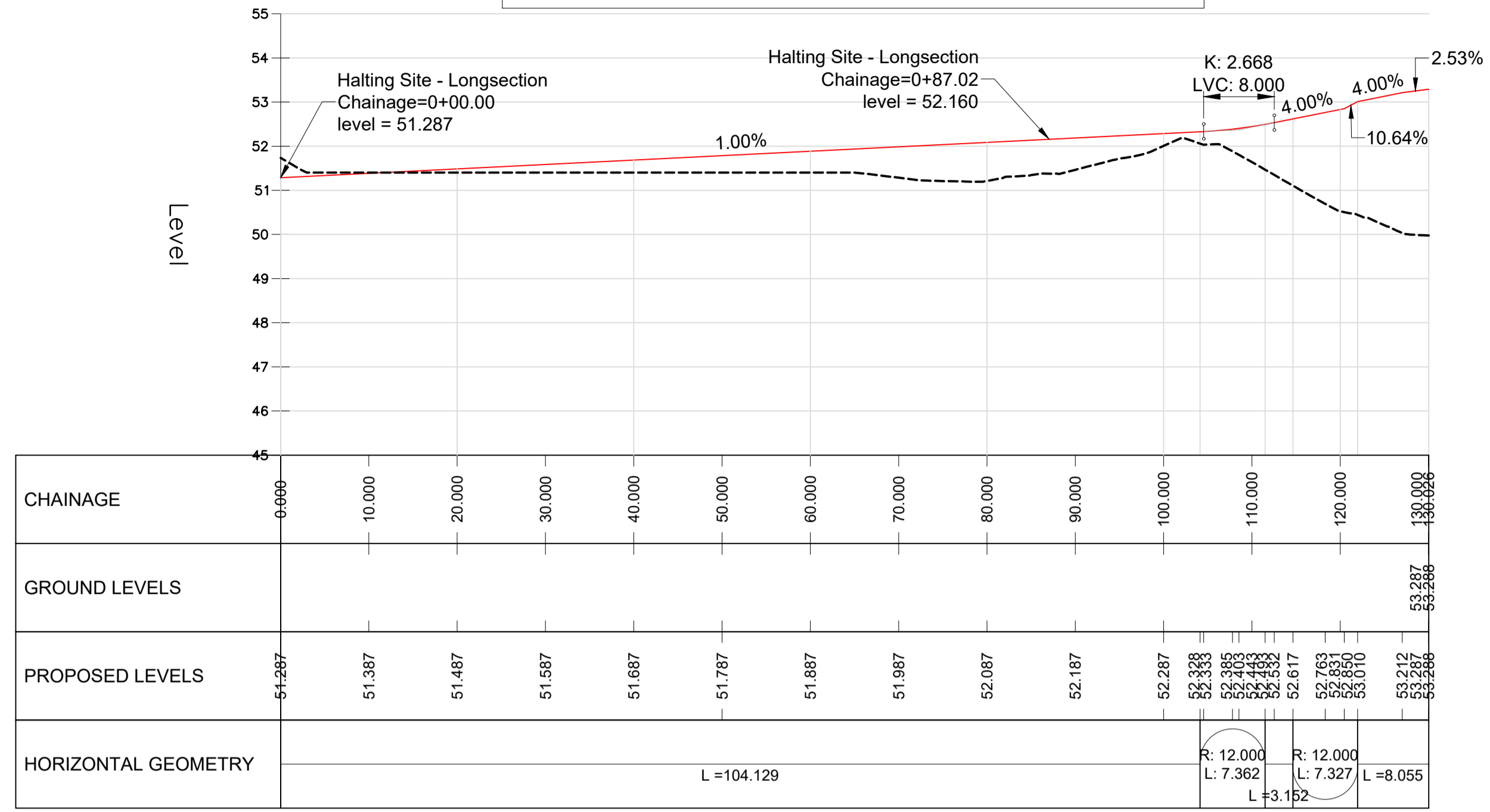
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Client: CORK CITY COUNCIL

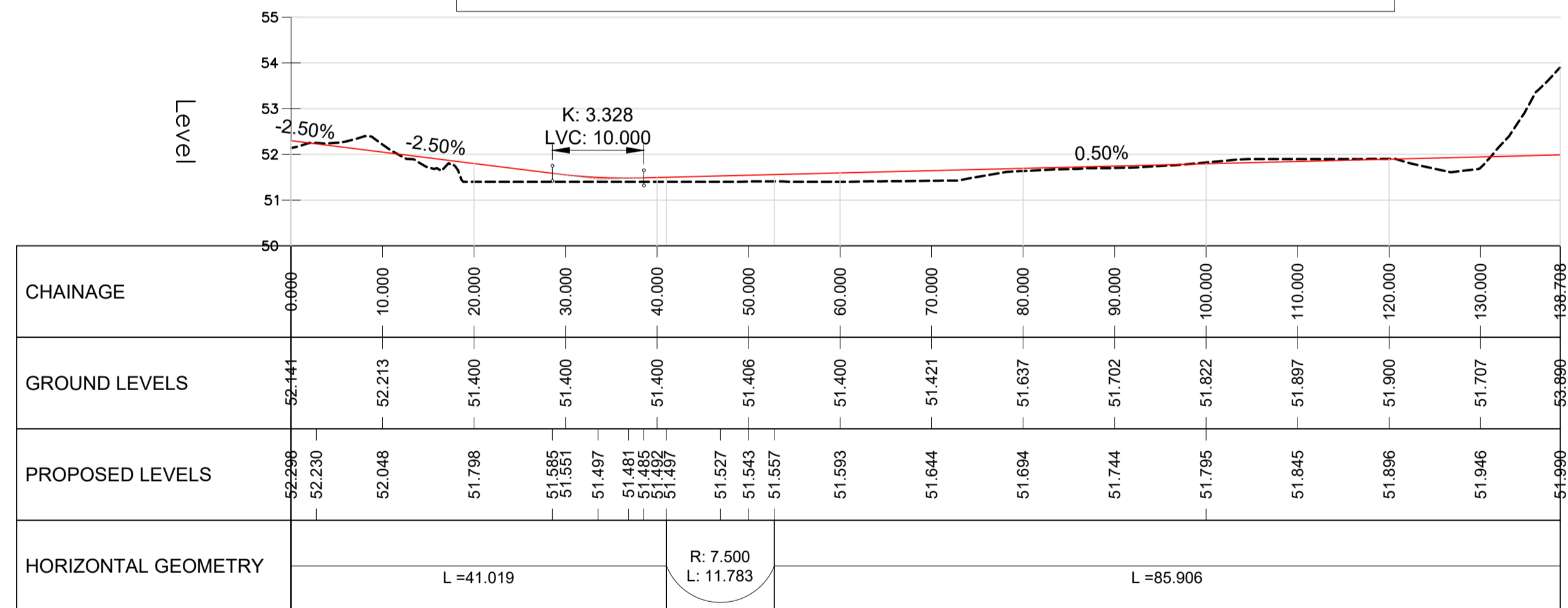
Project: SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose	PART 8 PLANNING				
Title	PROPOSED LONGITUDINAL ROAD SECTIONS SHEET 1 OF 4				
Original Scale	1:500	Drawn	ND	Checked	ND
1:1000	Date	10/05/23	Date	10/05/23	Date
Status	10/05/23	Reviewed	VO	Authorised	MOS
10/05/23	Date	10/05/23	Date	10/05/23	Date
P	Drawing Number	SLEYGH-XXX-XXX-DR-ATK-CE-930761			Rev
					3

SPRING LANE INT 01 - LONGSECTION
SCALE: H 1:500, V 1:100.



SPRING LANE INT 02 - LONGSECTION
SCALE: H 1:500, V 1:100.



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ELLIS YARD DEVELOPMENT

--- EXISTING GROUND LEVEL
— PROPOSED ROAD LEVEL

Risk Level	X	Atkins Base Line - Low Risk
		Atkins Sensitive - Medium Risk
		Atkins Private - High Risk
		Client Critical - Already Marked

Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14/02/24	PP	VO	MOS
2	ISSUED FOR STAGE 2A	CG	26/09/23	ND	VO	MOS
1	ISSUED FOR STAGE 2A	KE	18/09/23	ND	VO	MOS
0	ISSUED TO IW FOR PCE	ND	10/05/23	ND	VO	MOS



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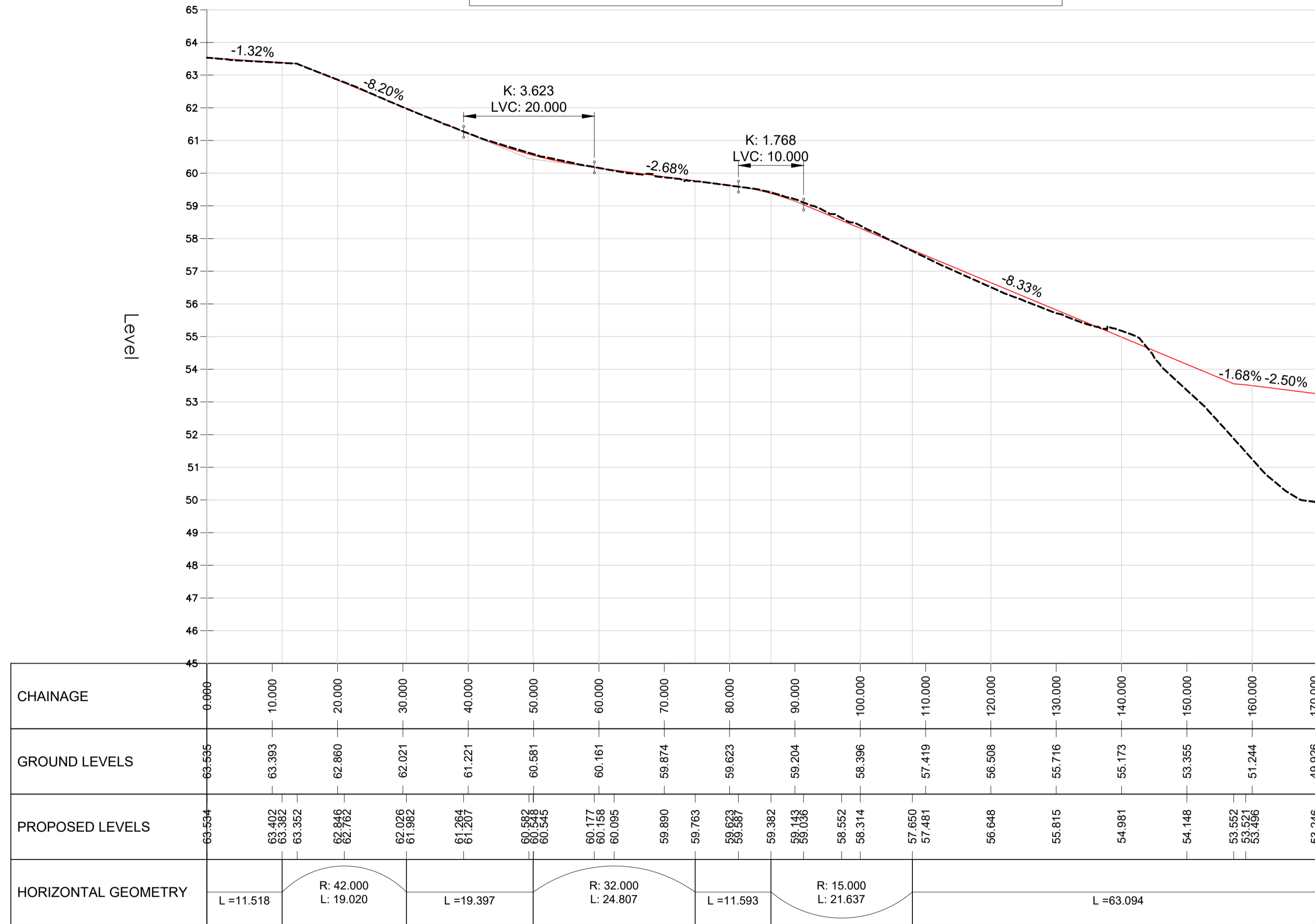
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Client	CORK CITY COUNCIL	
Project	SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION	

Purpose	PART 8 PLANNING				
Title	PROPOSED LONGITUDINAL ROAD SECTIONS SHEET 3 OF 4				
Original Scale	1:500	Drawn	ND	Checked	ND
1:1000	Date 10/05/23	Date 10/05/23	Date 10/05/23	Date 10/05/23	Authorised
Status	Drawing Number				Rev
P	SLEYGH-XXX-XXX-DR-ATK-CE-930763				3

ALIGNMENT - MAIN ROAD - LONGSECTION
SCALE: H 1:500, V 1:100.



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ELLIS YARD DEVELOPMENT

--- EXISTING GROUND LEVEL
— PROPOSED ROAD LEVEL

Risk Level	X	Atkins Base Line - Low Risk
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Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14/02/24	PP	VO	MOS
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0	ISSUED TO IW FOR PCE	ND	10/05/23	ND	VO	MOS

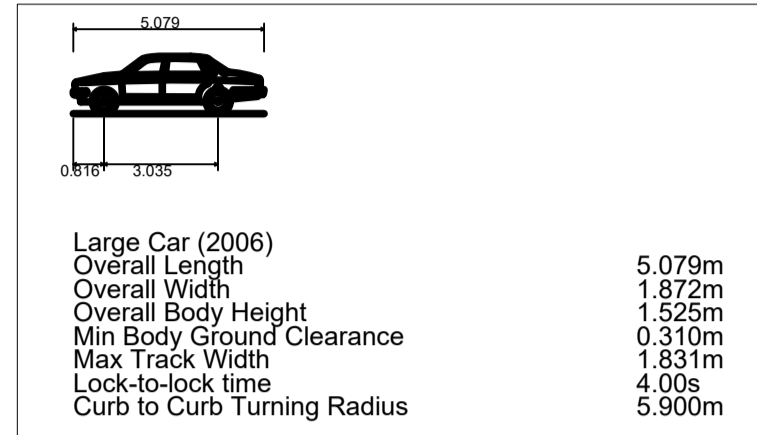


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Client	CORK CITY COUNCIL
Project	SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose	PART 8 PLANNING				
Title	PROPOSED LONGITUDINAL ROAD SECTIONS SHEET 4 OF 4				
Original Scale	1:500	Drawn	Checked	Reviewed	Authorised
1:1000	ND	ND	VO	MOS	
Date	10/05/23	Date	10/05/23	Date	10/05/23
Status	Drawing Number				
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					3



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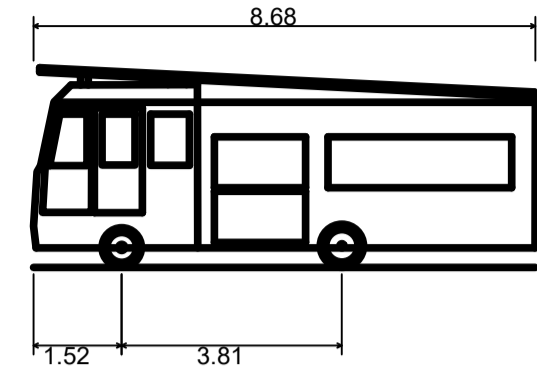
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Client: CORK CITY COUNCIL

Project: SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose: PART 8 PLANNING		Title: VEHICLE TRACKING ANALYSIS SHEET 1 OF 3	
Original Scale: 1:500@ A1 1:1000@ A3	Drawn: ND Date: 10/05/23	Checked: ND Date: 10/05/23	Reviewed: VO Date: 10/05/23
Status: P	Drawing Number: SLEYGH-XXX-XXX-DR-ATK-CE-930771	Rev: 3	



DB32 Fire Appliance
 Overall Length 8.680m
 Overall Width 2.180m
 Overall Body Height 3.452m
 Min Body Ground Clearance 0.337m
 Max Track Width 2.121m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 7.910m



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0	ISSUED FOR INFORMATION	ND	10/05/23	ND	VO	MOS

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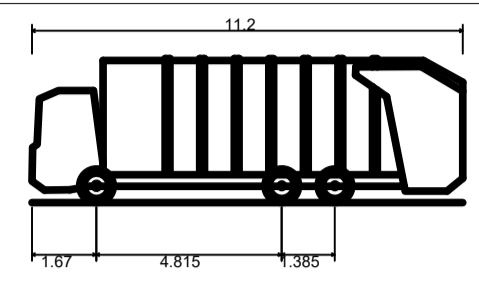
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Client: **CORK CITY COUNCIL**

Project: **SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION**

Purpose: PART 8 PLANNING		Title: VEHICLE TRACKING ANALYSIS SHEET 2 OF 3	
Original Scale: 1:500@ A1	Drawn: ND	Checked: ND	Reviewed: VO
1:1000@ A3	Date: 10/05/23	Date: 10/05/23	Date: 10/05/23
Status: P	Drawing Number: SLEYGH-XXX-XXX-DR-ATK-CE-930772	Rev: 3	



Phoenix 2 Duo (P2-15W with Elite 6x4 chassis)

Overall Length	11.200m
Overall Width	2.530m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	9.500m



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ELLIS YARD DEVELOPMENT

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Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14/02/24	PP	VO	MOS
2	ISSUED FOR STAGE 2A	CG	26/09/23	ND	VO	MOS
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Client: **CORK CITY COUNCIL**

Project: **SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION**

Purpose: PART 8 PLANNING		Title: VEHICLE TRACKING ANALYSIS SHEET 3 OF 3	
Original Scale: 1:500 @A1 1:1000 @A3	Drawn: ND Date: 10/05/23	Checked: ND Date: 10/05/23	Reviewed: VO Date: 10/05/23
Status: P	Drawing Number: SLEYGH-XXX-XXX-DR-ATK-CE-930773	Rev: 3	Authorised: MOS Date: 10/05/23

DO NOT SCALE

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File: 5221169-ATK-ZZ-CE-960591.dwg
Date: Feb 20, 2024 - 3:27pm
Plotted by: kenglish

MANHOLE GENERAL NOTES:

- I) ALL BRICK TO BE SOLID ENGINEERING BRICK CLASS A OR B
 - II) FOR PIPE DIAMETER >750MM USE MANHOLE WITH INTERNAL DIAMETER SIZE = PIPE SIZE + 1 METRE + 300MM
 - III) DISTANCE FROM TOP RUNG OF THE LADDER TO GROUND LEVEL MUST BE A MAXIMUM OF 500MM
- MANHOLE DRAWING NOTES:**
- 1.) 225mm THICK CL20/20 MASS CONCRETE FOUNDATIONS.
 - 2.) PREFORMED HALF CIRCLE CHANNEL PIPES, THE PIPELINE MAY WHERE PRACTICABLE, BE LAID THROUGH THE MANHOLE AND THE CROWN CUT OUT TO HALF DIAMETER, PROVIDED FLEXIBLE JOINTS ARE SITUATED ON EACH SIDE NO FURTHER THAN 600mm FROM THE INNER FACE OF THE MANHOLE WALL.
 - 3.) MANHOLE CONSTRUCTION FOR SURFACE WATER MANHOLES HIGH DENSITY BLOCKS TO CL.S10 OF I.S.20 PART 1: 1987 OR CL.30/20 IN-SITU CONCRETE. BLOCKWORK SHALL BE BEDDED AND JOINTED USING MORTAR DESIGNATION THREE TO I.S.406. BEDS AND VERTICAL JOINTS SHALL BE COMPLETELY FILLED WITH MORTAR AS THE BLOCKS ARE LAID. ALL FOUL MANHOLES MUST BE FACED IN SOLID ENGINEERING BRICK (MIN CLASS A OR B), OR IN-SITU CONCRETE FOR 1m ABOVE BENCHING LEVEL BRICK TO BE BONDED TO BLOCKWORK USING ENGLISH GARDEN WALL BOND.
 - 4.) RELIEVING ARCH FORMED BY 215x103x65 BRICK CLASS A OR B AS PER DRAWING. RELIEVING ARCHES USED IN BRICK OR BLOCKWORK MANHOLES TO EXTEND OVER FULL THICKNESS OF WALL. A DOUBLE ARCH IS TO BE FORMED FOR PIPE DIAMETERS GREATER THAN 600mm.
 - 5.) BENCHING AND PIPE CHANNEL PIPE SURROUND -CL.20/20 CONCRETE.
 - 6.) BENCHING FINISHED IN 2:1 SAND-CEMENT MORTAR WITH SMOOTH TROWEL FINISH, AT 1 IN 30 SLOPE TOWARDS CHANNEL.
 - 7.) STANDARD RUNGS AT 300c/c VERTICALLY AND GALVANISED TO LATEST VERSION OF BS729 OR EQUIVALENT.
 - 8.) 600mm SQUARE OPE. IN ROOF SLAB.
 - 9.) PRECAST R.C. ROOF SLAB SHALL BE 200MM THICK IN CL.30N/20MM CONCRETE, WITH 40MM COVER TO STEEL.
 - 10.) 1 TO 2 COURSES OF SOLID ENGINEERING BRICKS CLASS B TO I.S.91:1983 SET IN HIGH STRENGTH MORTAR (MIN 60N AFTER 14 DAYS)
 - 11.) CLASS D400 OR E600 MANHOLE COVER AND FRAME TO IS/EN 124, 150mm DEEP FRAME FOR ROADS, 100mm DEEP FOR FOOTPATHS AND GREEN AREAS. NON-ROCK DESIGN, CLOSED KEYWAYS, MANUFACTURED FROM SPHEROIDAL GRAPHITE CAST IRON (DUCTILE CAST IRON), 600x600 (OR 600 DIAM) CLEAR OPENING, COVER & FRAME COATED IN BITUMEN OR OTHER APPROVED MATERIAL, COVER TO HAVE A MINIMUM MASS OF 140kg/m², FRAME BEARING AREA SHALL BE 80,000mm² MIN. FRAMES SHALL BE DESIGNED TO PREVENT COVERS FALLING INTO MANHOLE. FRAMES SHALL BE BEDDED ON APPROVED HIGH STRENGTH MORTAR TO MANUFACTURER'S CONSTRUCTIONS.
 - 12.) SHORT LENGTH PIPE, PIPE JOINT EXTERNAL TO MANHOLE SHALL NOT EXCEED 600mm FROM THE INNER FACE OF MANHOLE WALL.
 - 13.) TOE HOLES OF 230mm MIN. DEPTH AND GALVANISED STEEL SAFETY RAILINGS TO BE PROVIDED IN BENCHING OF SEWERS GREATER THAN 525 DIAMETER, AND DEPTH TO INVERT >3m FOR ACCESS TO INVERT.
 - 14.) SAFETY CHAIN TO BE PROVIDED ON PIPES THAT EXCEED 450mm IN DIAMETER. MILD STEEL SAFETY CHAIN SHALL BE 10mm NOMINAL SIZE GRADE M(H) NON CALIBRATED CHAIN TYPE 1, COMPLYING WITH BS: 4942 Part 2 OR EQUIVALENT.
 - 15.) WHEN DEPTH OF MANHOLES TO INVERT IS GREATER THAN 3.0m LADDERS SHALL BE USED, INSTEAD OF RUNGS, TO BS4211 EXCEPT THAT STRINGERS SHOULD BE NOT LESS THAN 65x12mm IN SECTION AND RUNGS 25mm IN DIAMETER. FIXED LADDERS SHOULD MEET THE DIMENSIONAL REQUIREMENTS OF BS 4211.
 - 16.) LADDER STRINGERS SHOULD BE ADEQUATELY SUPPORTED FROM THE MANHOLE WALL AT INTERVALS OF NOT MORE THAN 2.0m. STRINGERS SHOULD BE BOLTED TO CLEATS TO FACILITATE RENEWAL.
 - 17.) ALL LADDERS, RUNGS, HANDRAILS, SAFETY CHAINS ETC. SHALL BE HOT DIP GALVANISED TO BS729.
 - 18.) SOCKET OF PIPE SHOULD BE CUT FLUSH WITH THE INSIDE SURFACE OF THE MANHOLE WALL SO THAT THE CHANNEL EXTENDS FULL LENGTH OF THE MANHOLE (EXCEPT FOR PRECAST MANHOLES).
 - 19.) POSITION OF 910 SQUARE OPENING IN INTERMEDIATE ROOF SLAB.
 - ALL MANHOLES SHALL BE WATERTIGHT TO THE SATISFACTION OF THE ENGINEER.
 - FORMWORK TO REINFORCEMENT CONCRETE AND MASS CONCRETE SHALL COMPLY TO CLASS 2, SECTION 6.2.7, BS8110: PART 1: 1997.
 - FINISH TO THE TOP OF SLABS SHALL COMPLY TO TYPE A, SECTION 6.2.7, BS8110: PART 1: 1997.
 - PLAN DIMENSIONS OF MANHOLES ARE BASED ON BLOCKWORK HAVING A CO-ORDINATING SIZE OF 450x225x100.
 - MANHOLES ARE DESIGNED TO BS8005 AND WALL THICKNESSES TO IS325 BLOCKWORK DESIGN CODE TAKING GRANULAR FILL PRESSURE AND H.B. SURCHARGE.
 - REINFORCEMENT TO SLABS TO ENGINEERS DETAILS.
 - 20.) FOR MANHOLES >3.0m DEPTH TO INVERT USE 30N/20 IN-SITU CONCRETE. REINFORCING MESH REF. A393 @6.16kg/m TO BE FIXED AT MID POINT OF WALL. ADDITIONAL REINFORCEMENT TO BE SUPPLIED OVER PIPE CROWN.
 - 21.) FOR PRECAST MANHOLES, CHAMBER WALLS AND COVER SLAB TO BE CONSTRUCTED TO IS EN 1917 AND IS 420 2004.
 - 22.) MANHOLE OPENING TO BE SITUATED FURTHEST FROM THE NEAREST CARRIAGEWAY. MANHOLE STEPS/ACCESS TO BE POSITIONED TO ALLOW VIEWING OF ONCOMING TRAFFIC.
 - 23.) FOR BEDDING AND SEALING OF CHAMBER RINGS, THE TOP RING (TO PRECAST COVER SLAB) AND BOTTOM TING TO BE BEDDED WITH CEMENT MORTAR. FOR INTERMEDIATE RINGS, JOINTS TO BE SEALED WITH APPROVED PRE-FORMED JOINTING STRIP.
 - 24.) PRECAST MANHOLES TO BE SURROUNDED WITH A MINIMUM OF 150MM THICK GRADE C20/40 CONCRETE.

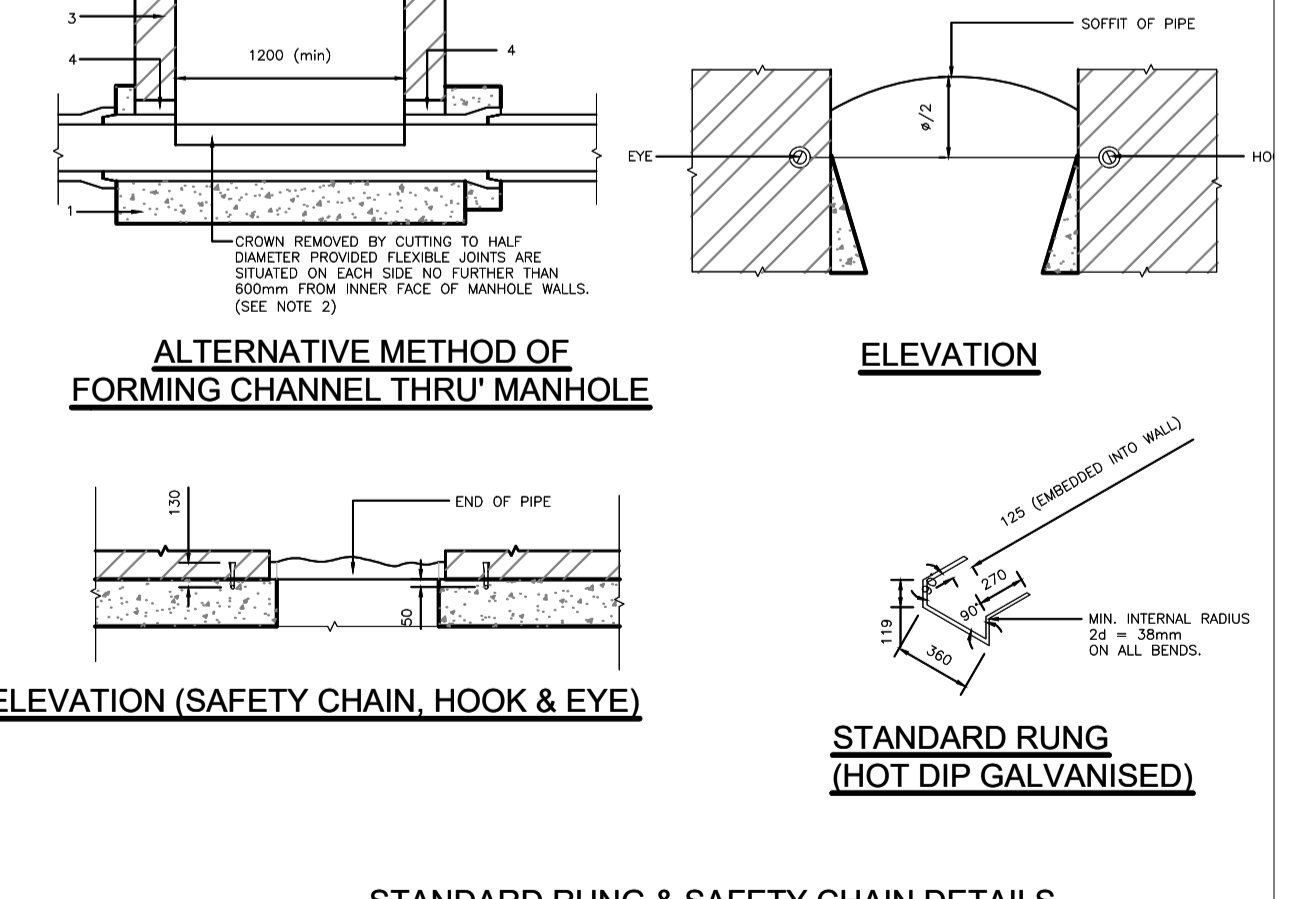
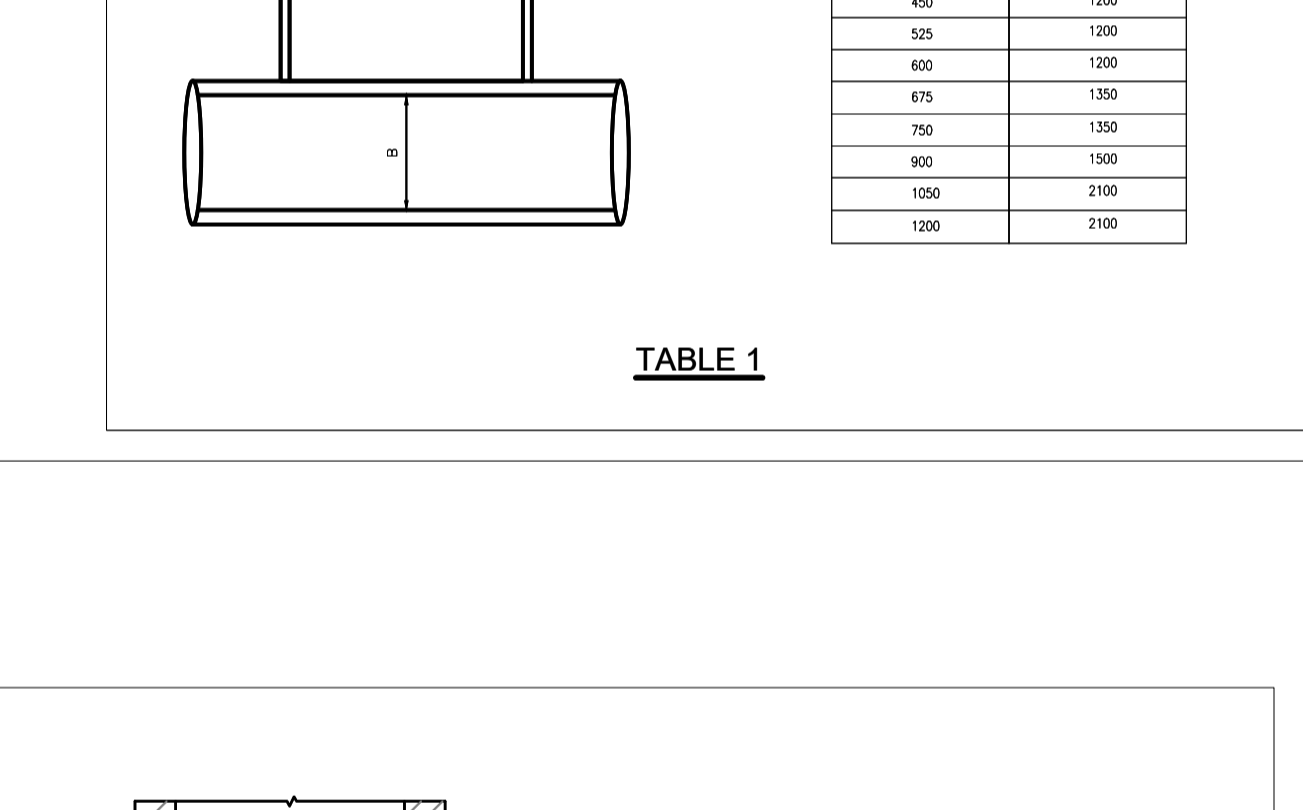
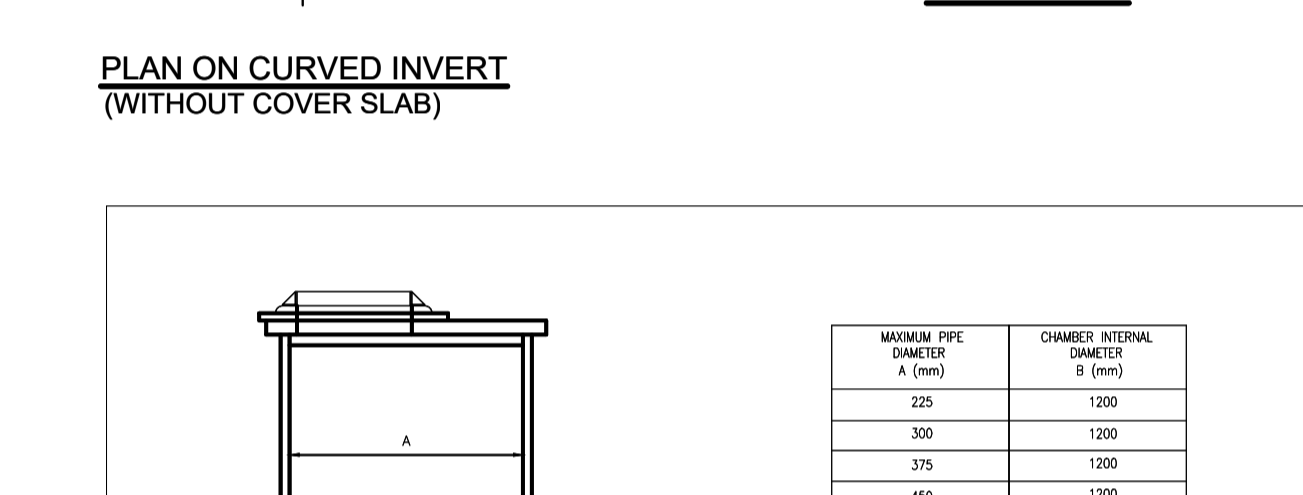
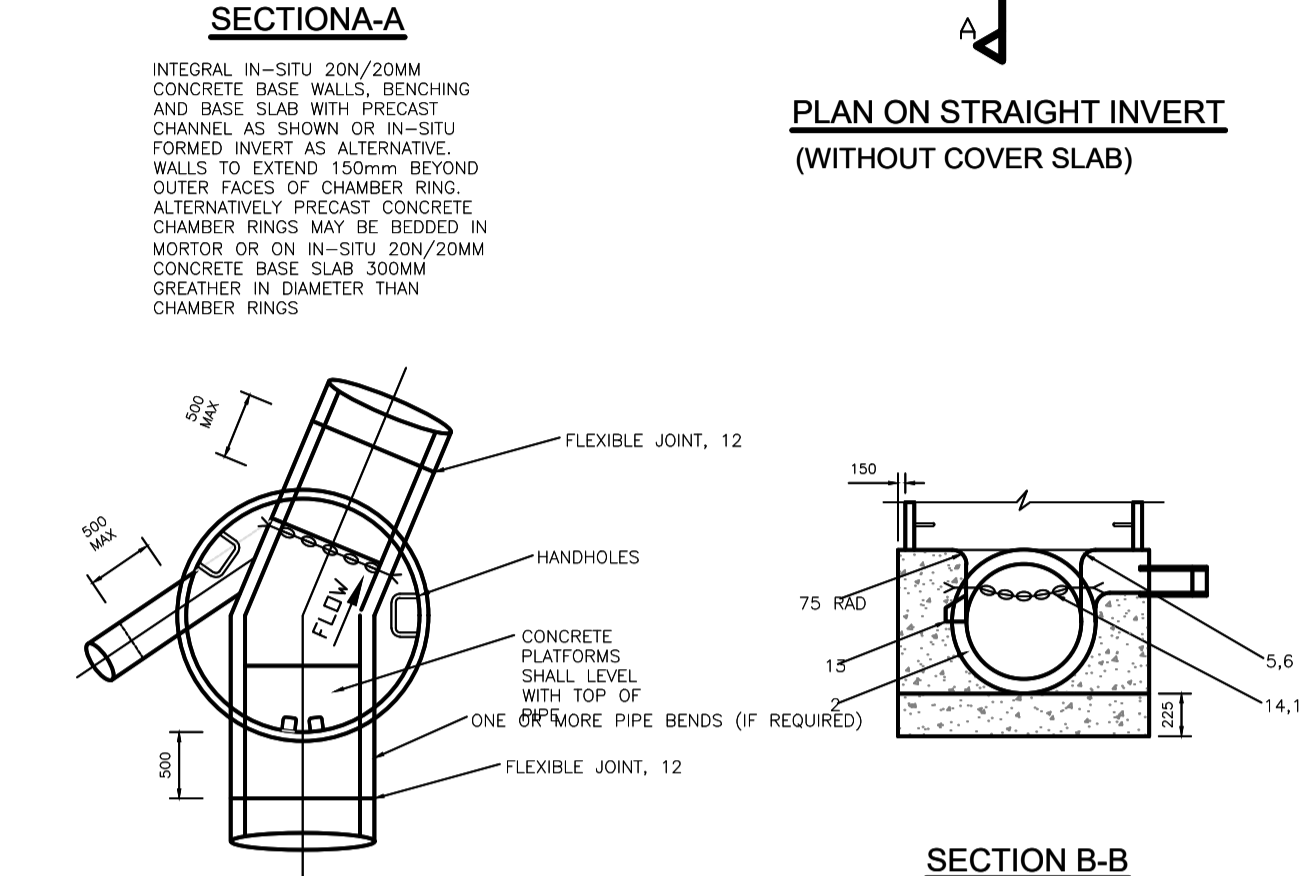
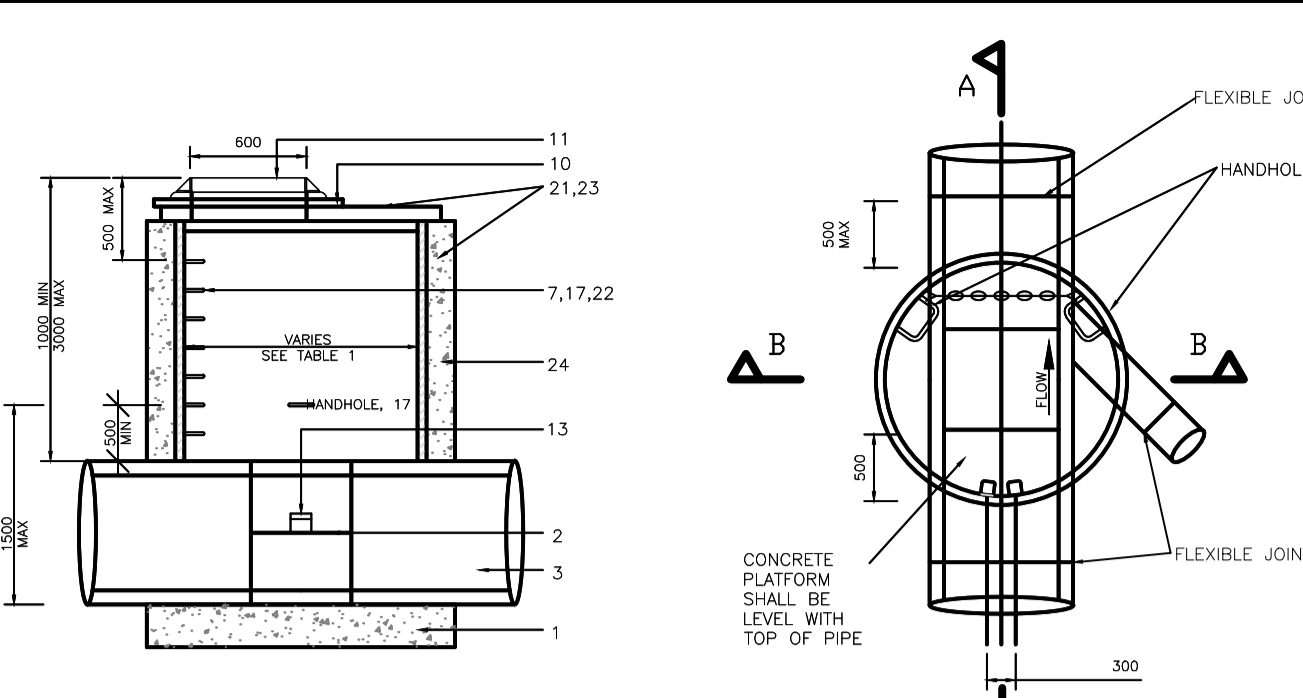
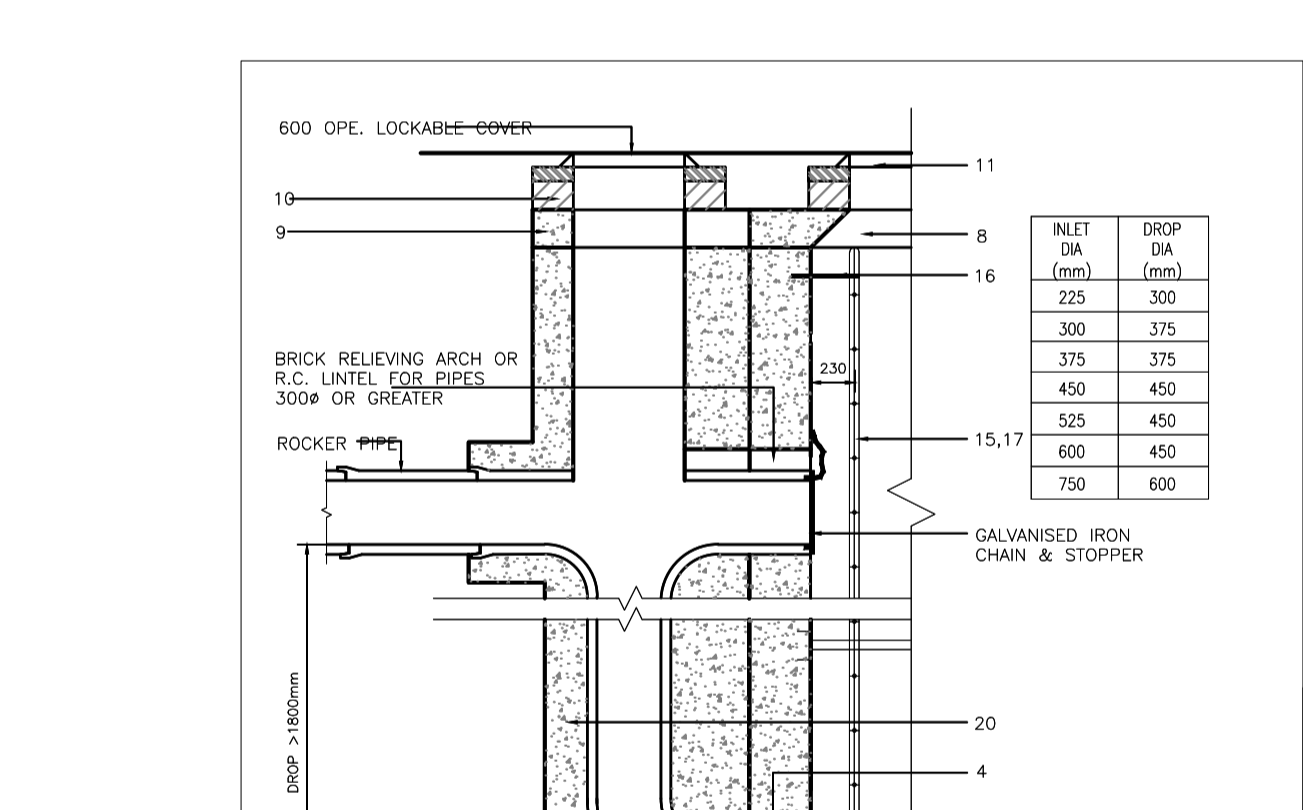
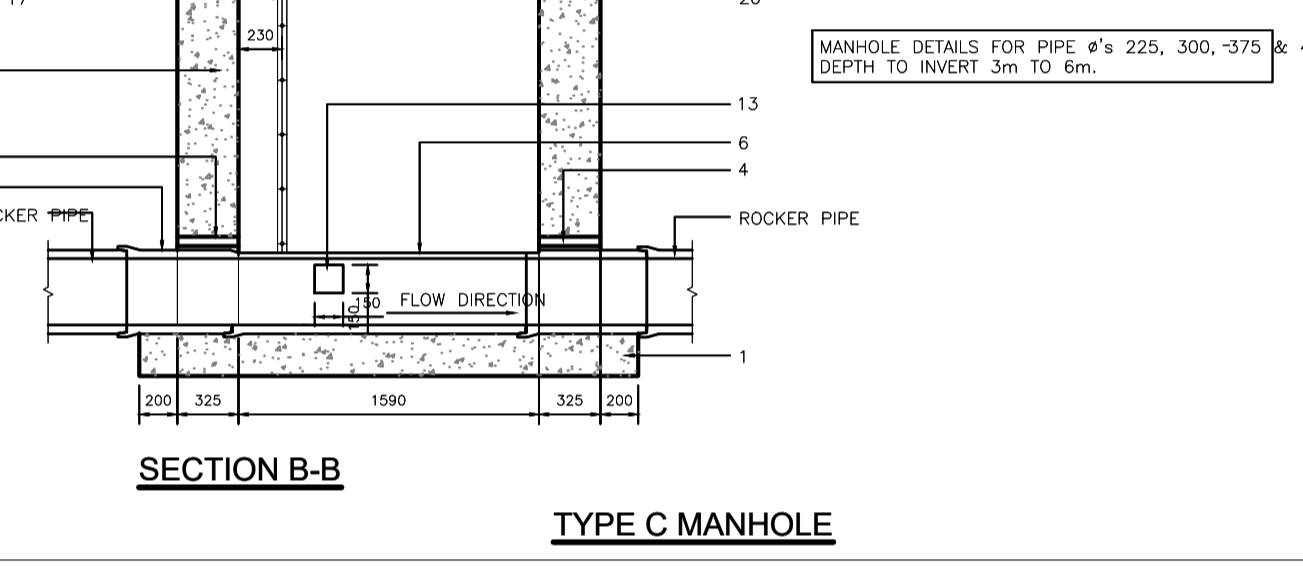
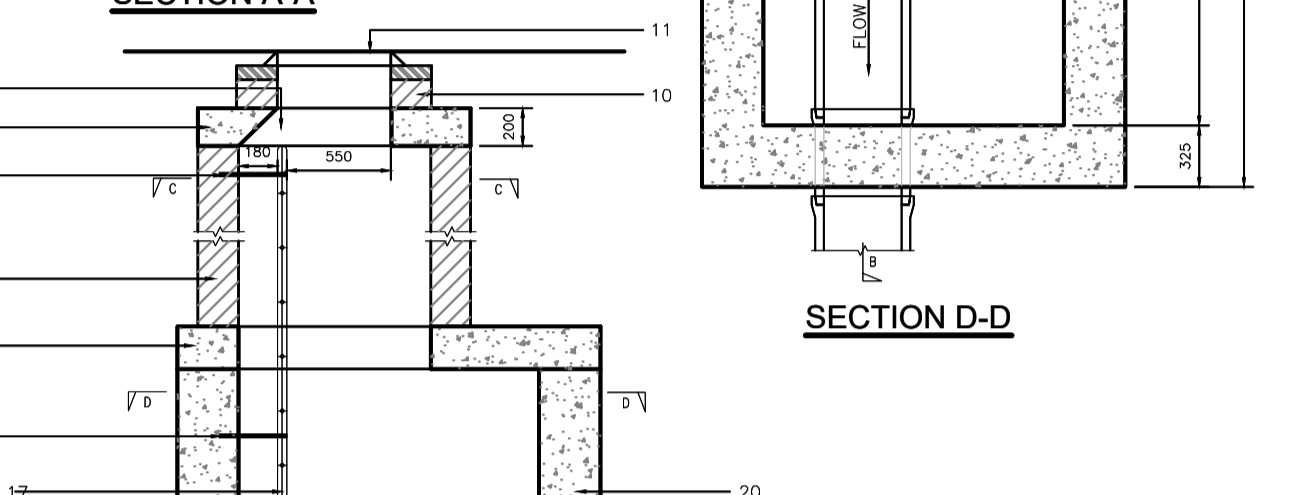
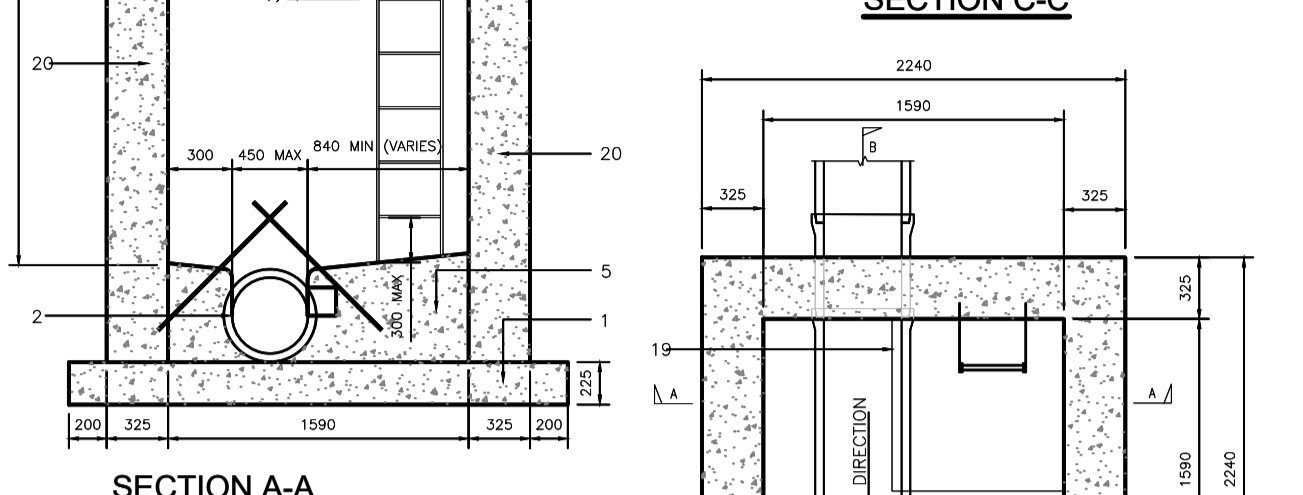
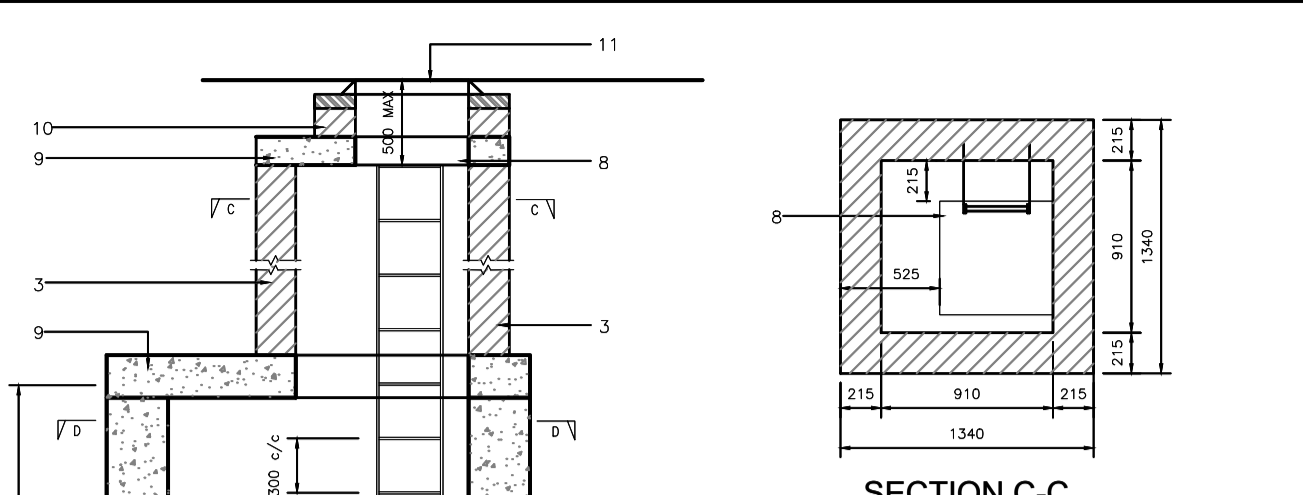
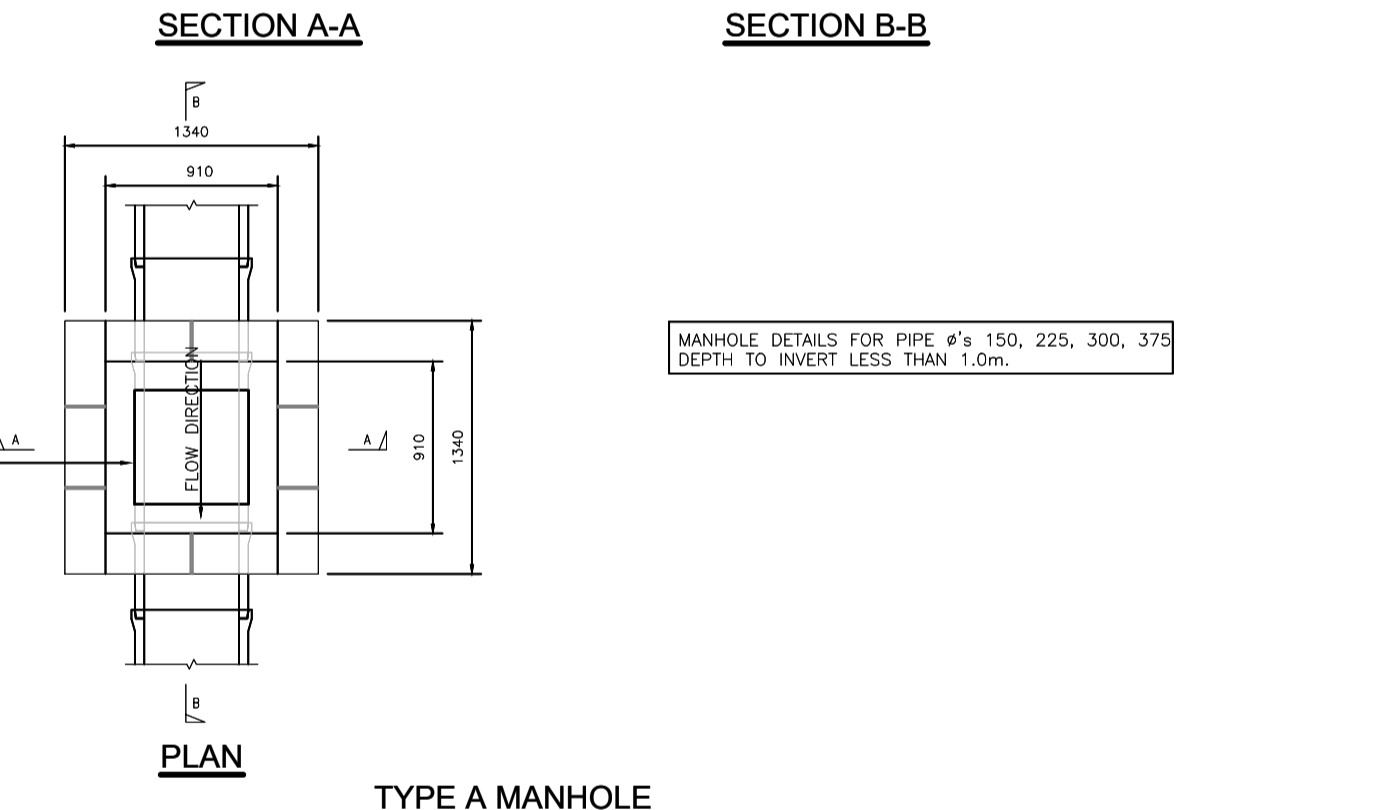
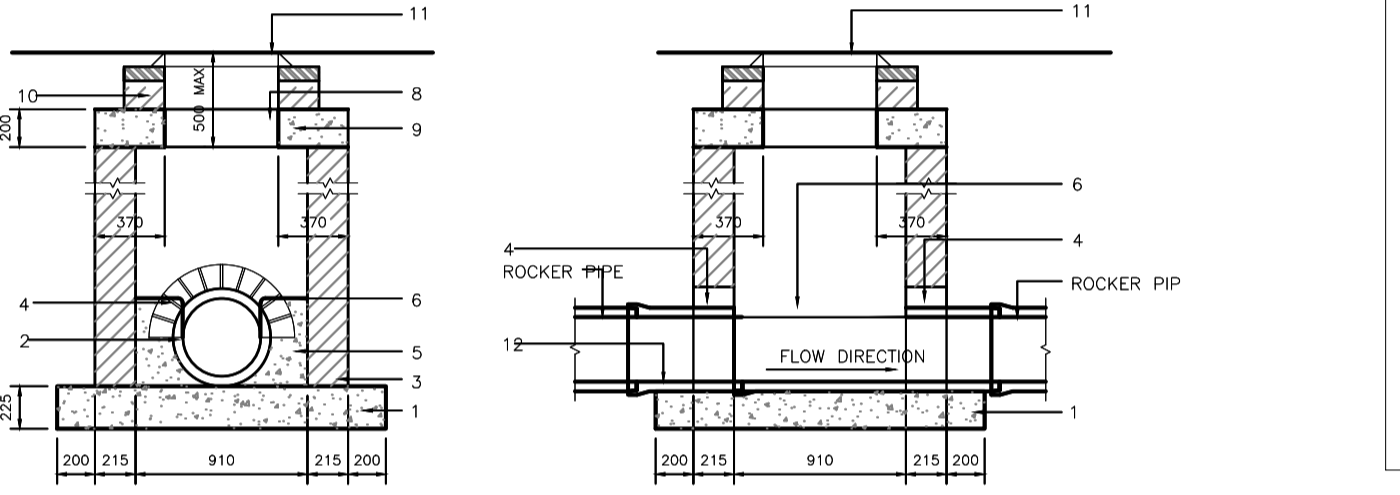
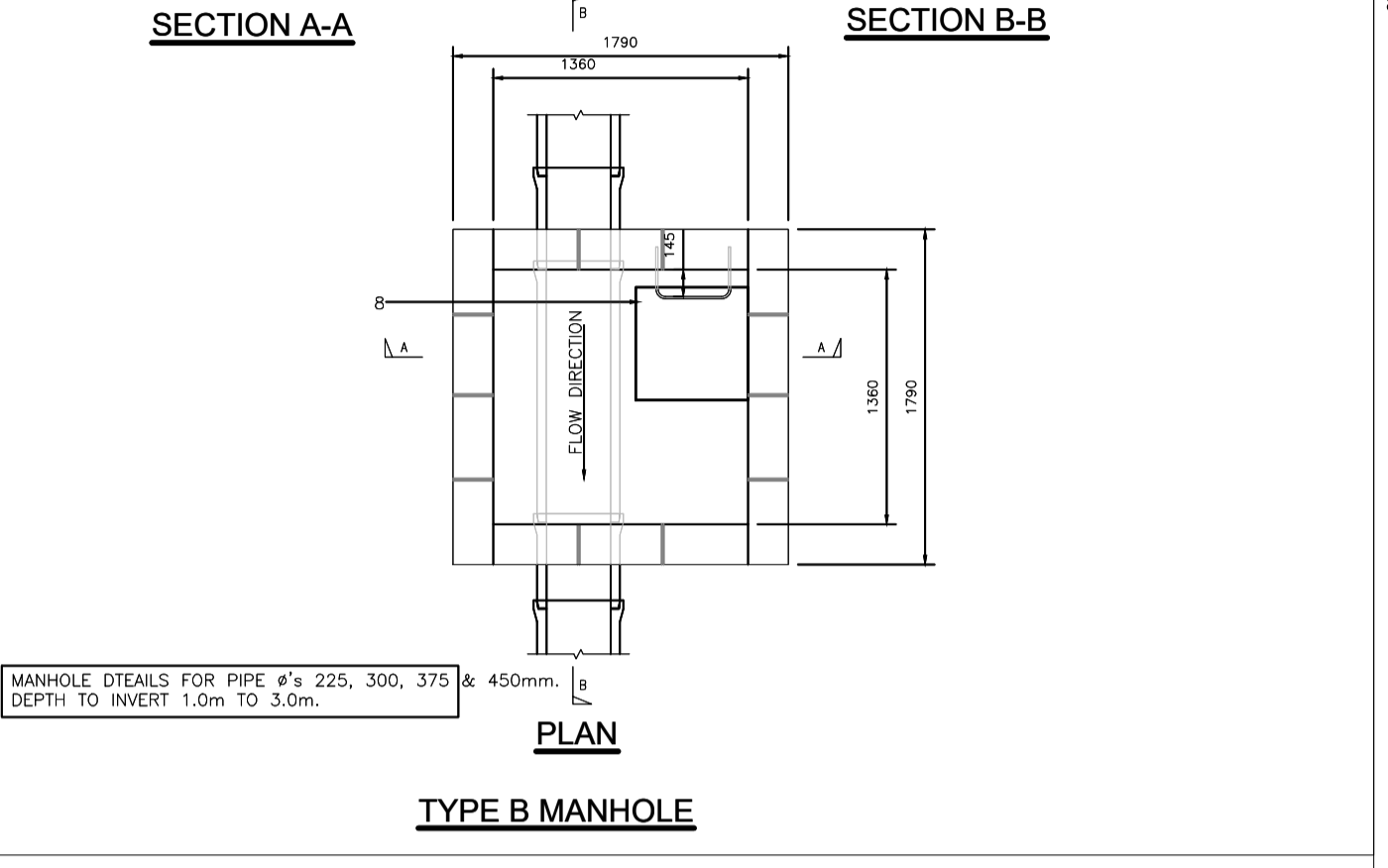
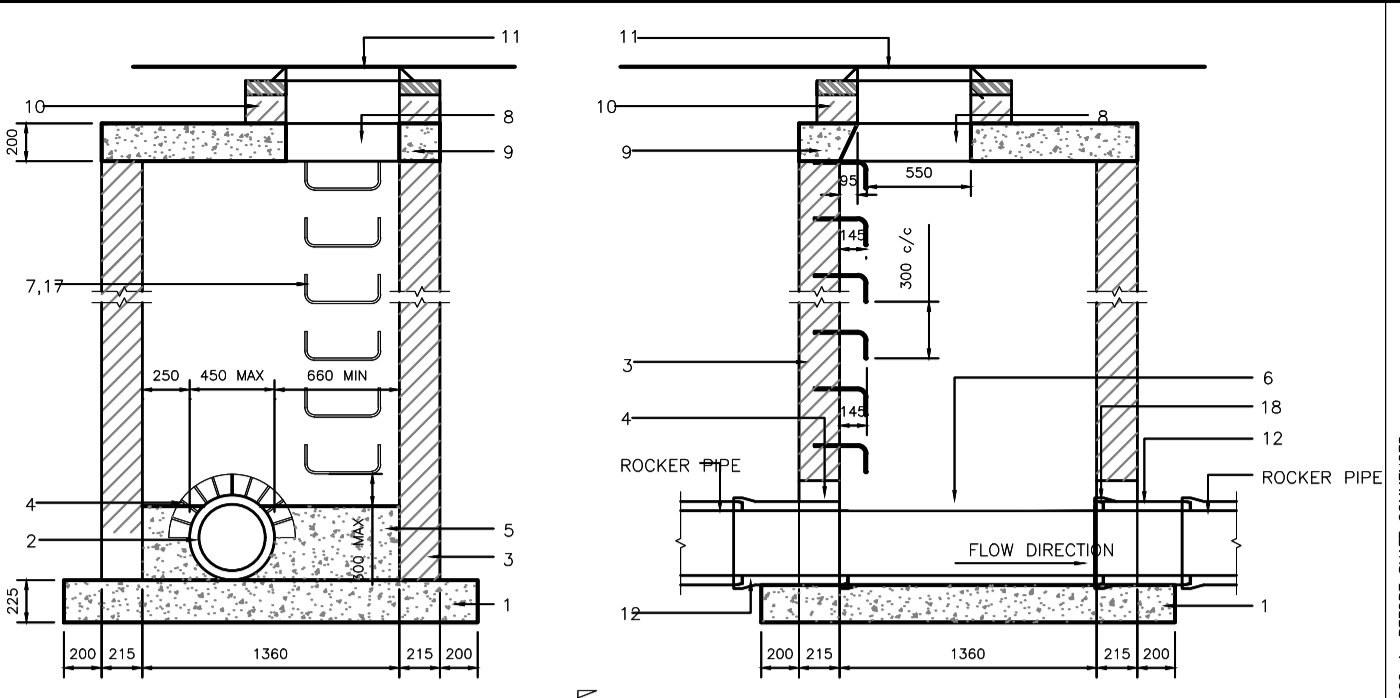
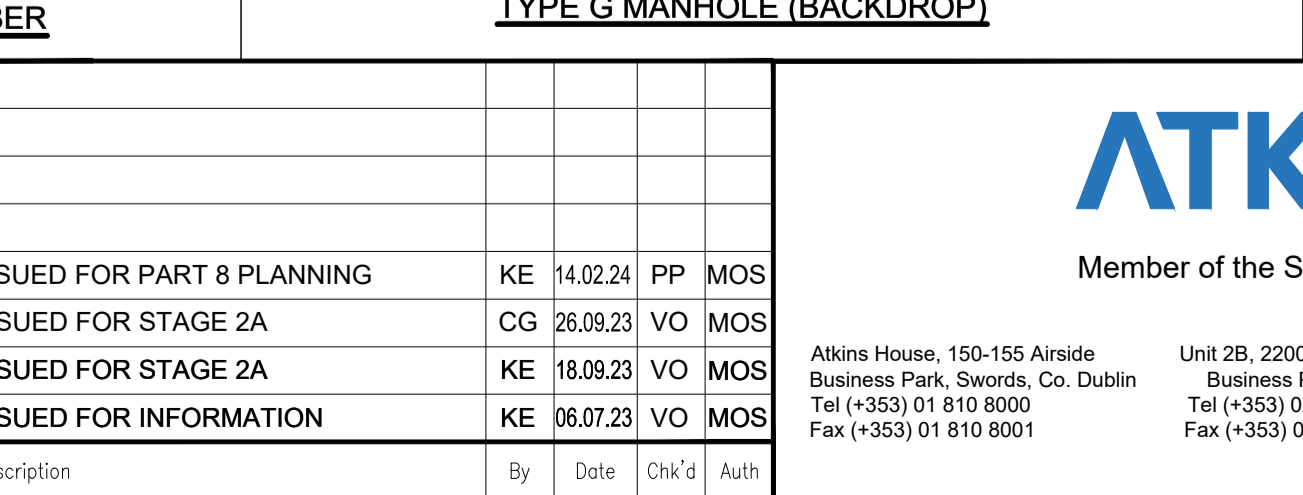
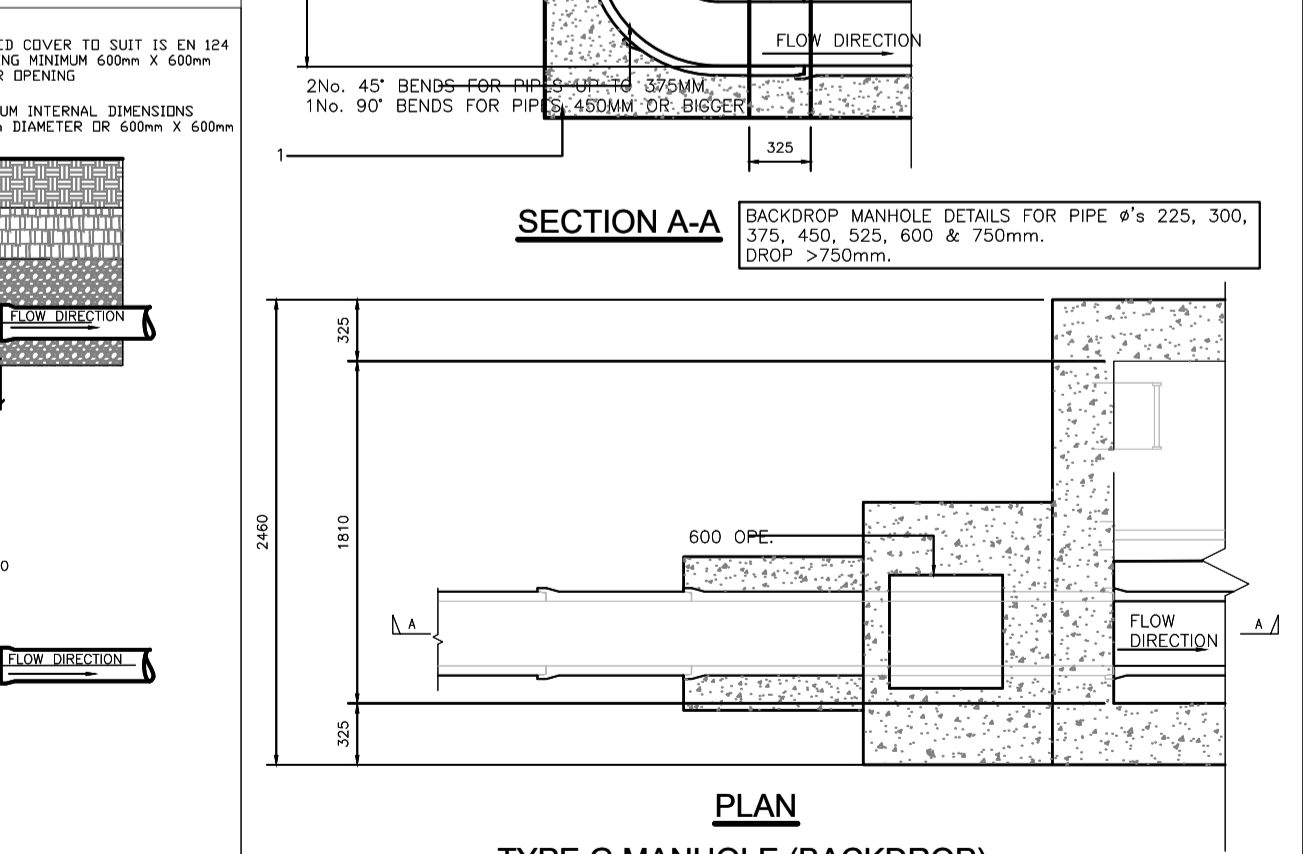
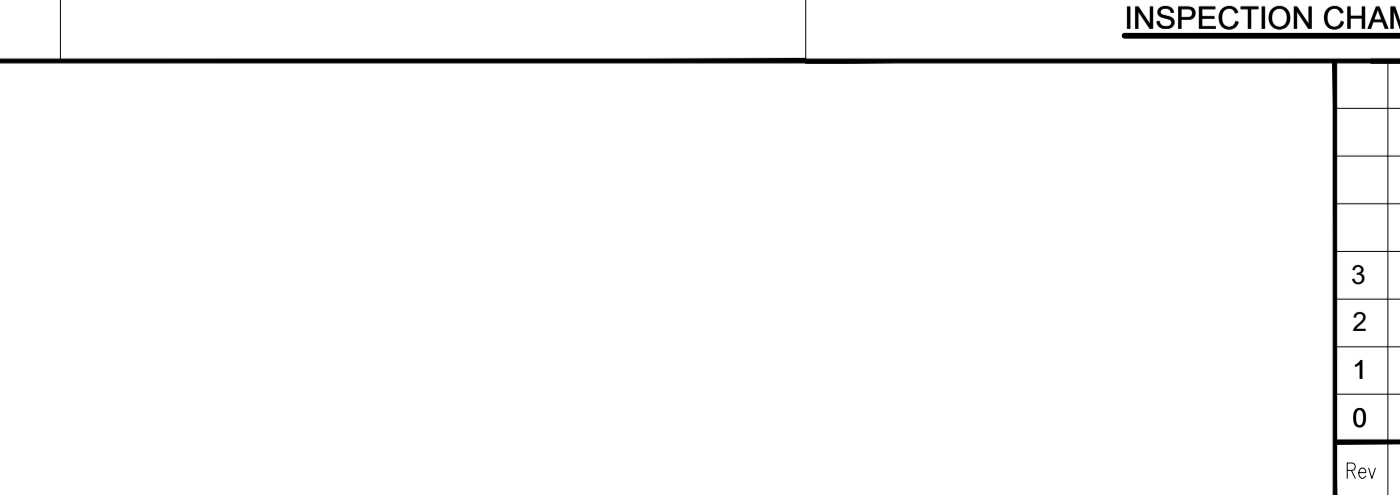
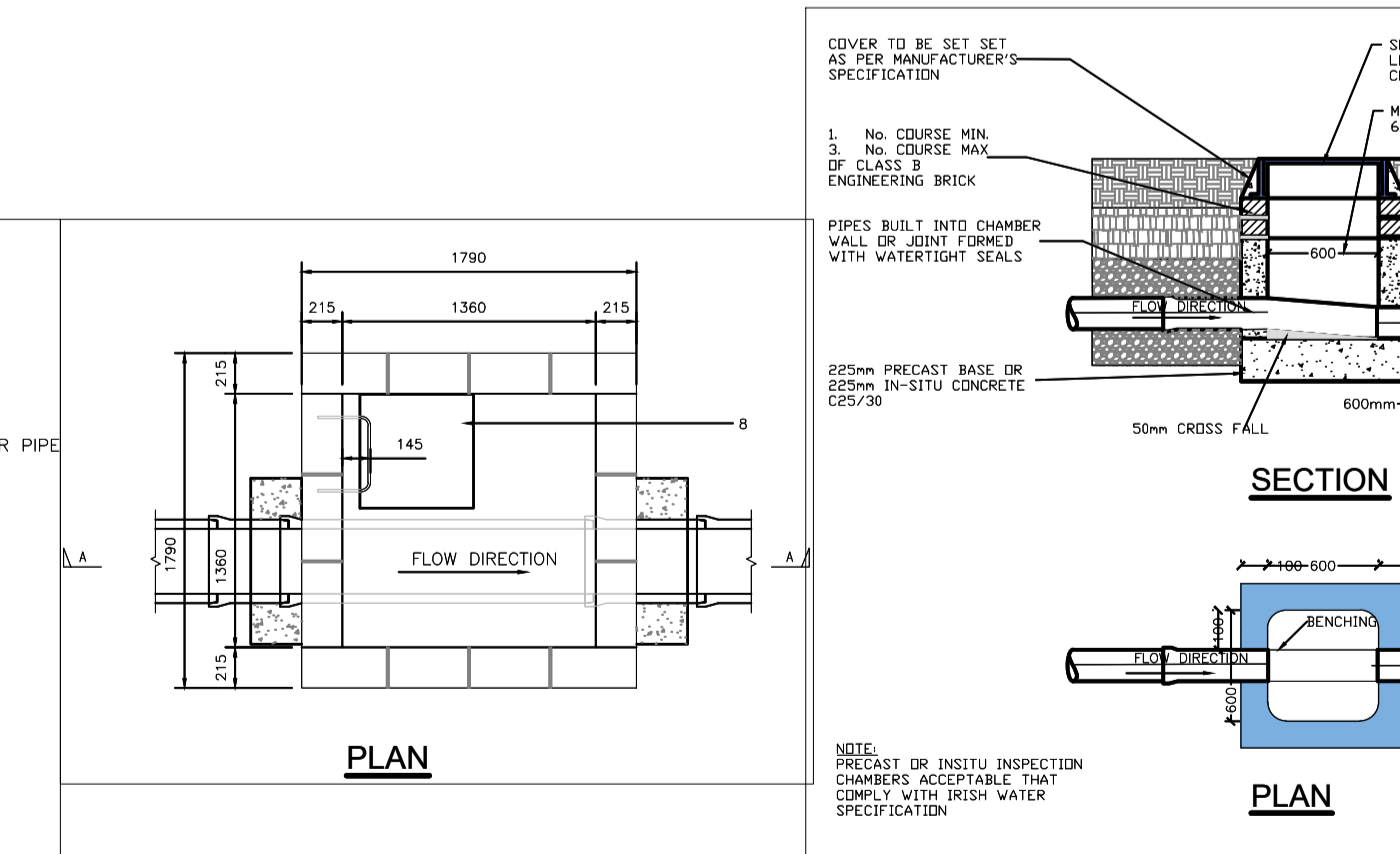
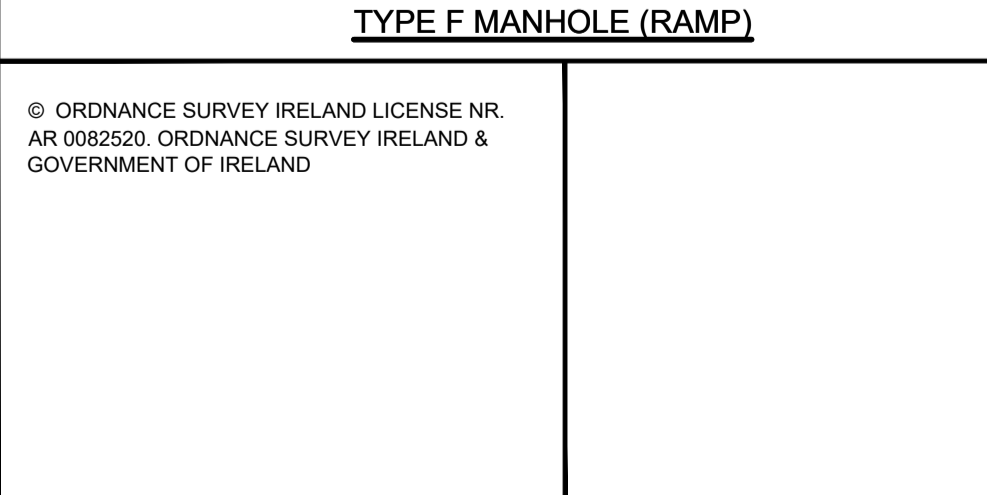
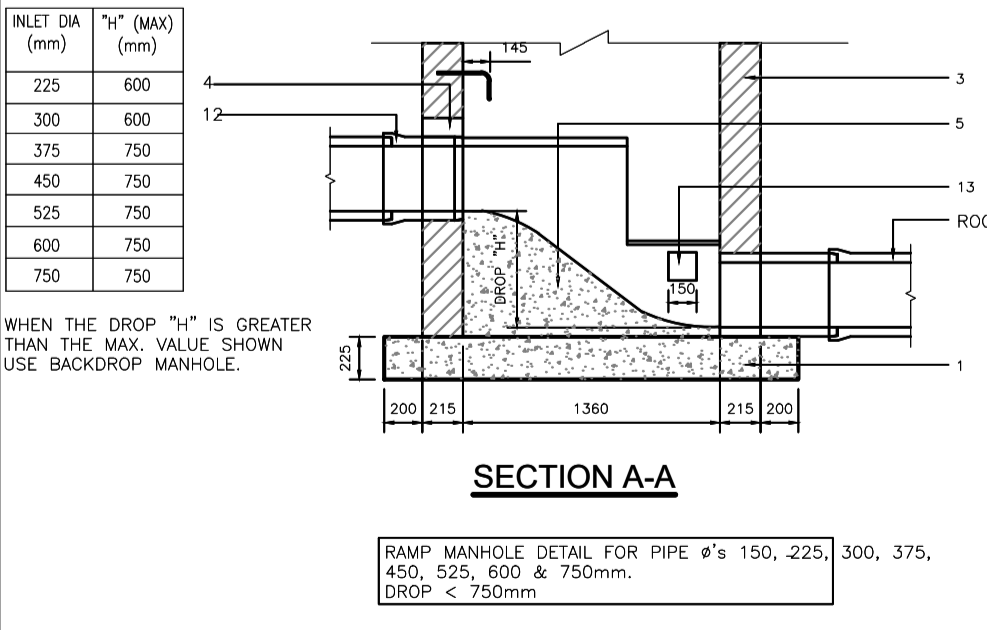


TABLE 1

MANHOLE PIPE DIAMETER A (mm)	CHAMBER INTERNAL DIAMETER B (mm)
225	1200
300	1500
375	1500
450	1500
525	1500
600	1500
675	1500
750	1500
900	1500
1050	2100
1200	2100

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 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



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Rev	Description	By	Date	Chk'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14.02.24	PP	MOS
2	ISSUED FOR STAGE 2A	CG	26.09.23	VO	MOS
1	ISSUED FOR STAGE 2A	KE	18.09.23	VO	MOS
0	ISSUED FOR INFORMATION	KE	06.07.23	VO	MOS

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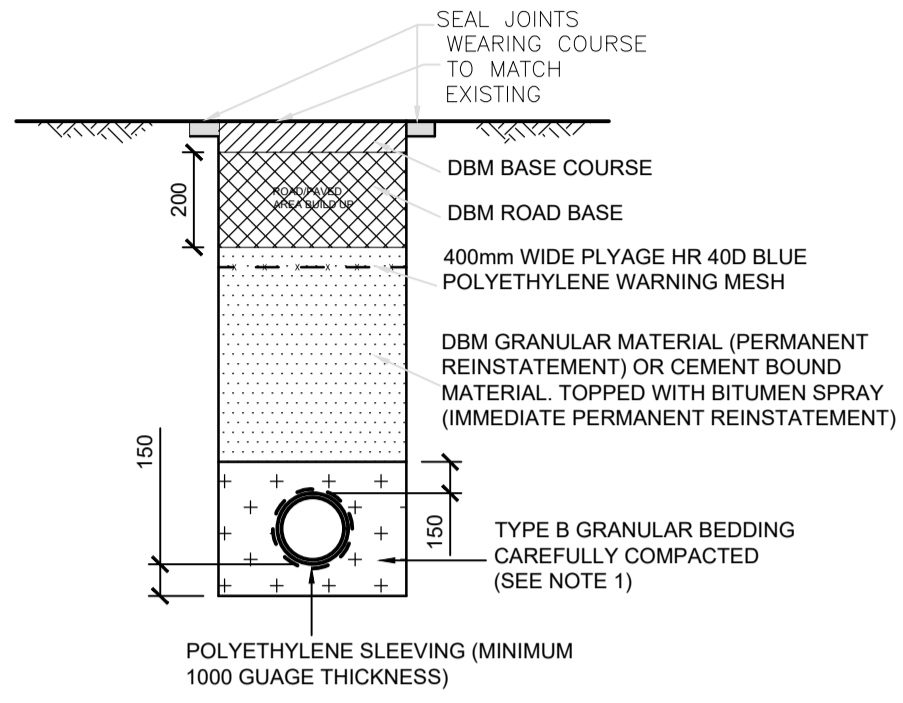
Client: CORK CITY COUNCIL

Project: SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose	PART 8 PLANNING						
Title	DRAINAGE DETAILS SHEET 1 OF 2						
Original Scale	AS SHOWN	Des/Drawn	ND	Checked	ND	Authorised	MOS
Status	Drawing Number	Date	10/05/23	Date	10/05/23	Date	10/05/23
P	SLEYGH-XXX-XXX-DR-ATK-CE-960591	Rev					3

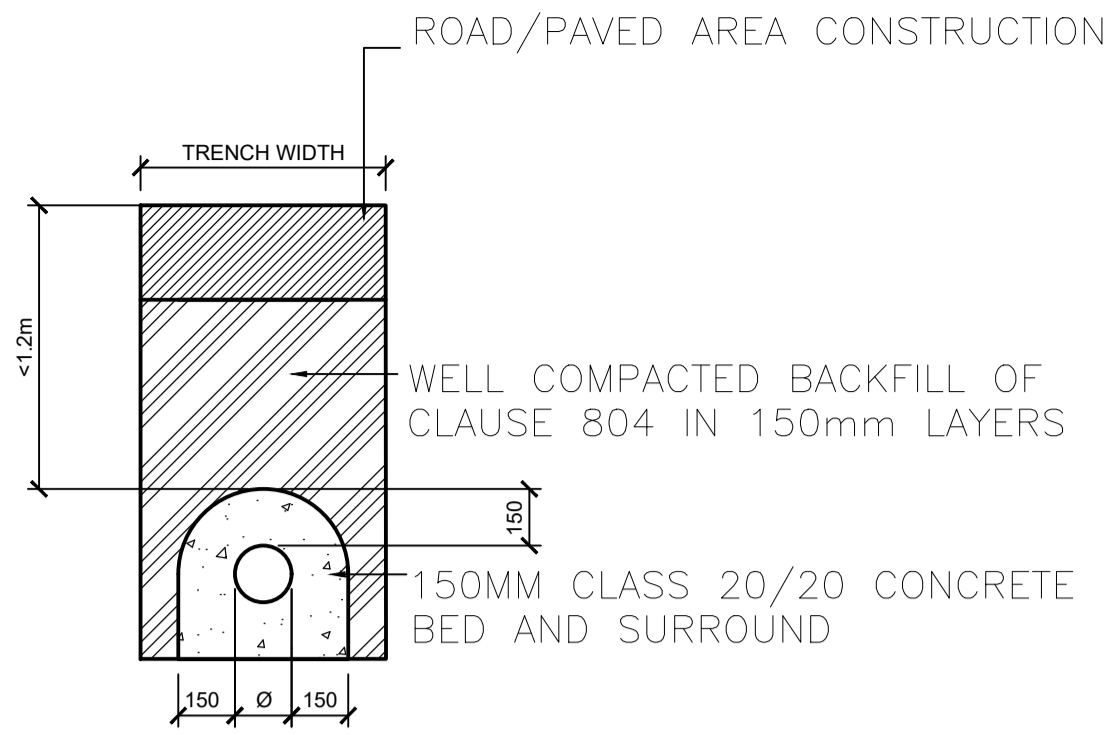
100
10
0
A1

DO NOT SCALE



TYPICAL TRENCH REINSTATEMENT DETAIL

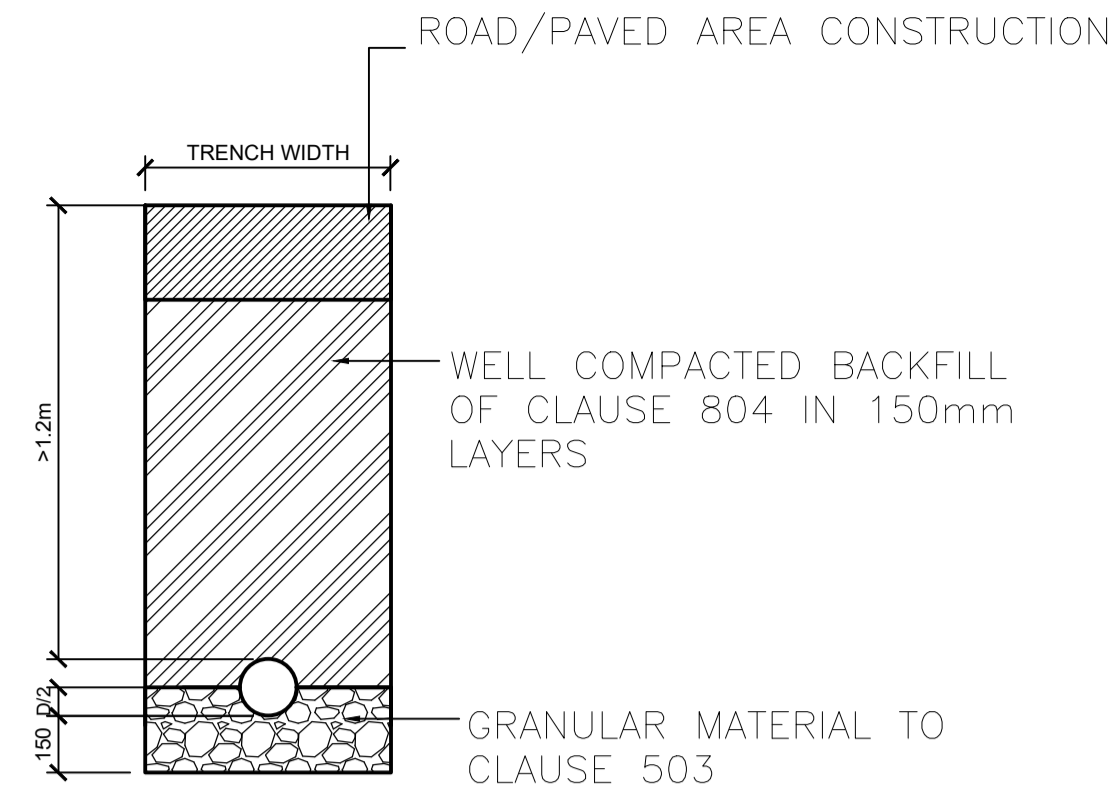
- ALL EDGES TO BE SAW CUT TO A SUFFICIENT DEPTH THAT THE INTEGRITY OF ADJACENT PAVEMENT SHALL NOT BE DAMAGED DURING SUBSEQUENT WORKS.
- IF THE OPENING IS TO BE TEMPORARILY DRESSED, IT SHALL BE TOPPED WITH 60mm OF COMPACTED 10mm OR 14mm DELAYED SET BITMAC TO B.S. 4987
- HOT ROLLED ASPHALT (HRA) WEARING COURSE TO CL 905 EITHER 55% COURSE AGGREGATE OR 30% COURSE AGGREGATE WITH 20mm (NOMINAL SIZE) PRE COATED CHIPS TO CL 907
- DBM BASE COURSE SHALL BE 28mm NOMINAL SIZE CL 902
- PRIOR TO REINSTATEMENT, SAW CUT THE ROAD A SECOND TIME, THE DEPTH OF CUT SHALL BE, AT MINIMUM, TO THE TOP OF THE BASE COURSE, WHERE ANY TRIM LINES ARE WITHIN 400mm OF THE ROAD EDGE JOINT, OTHER REINSTATEMENT OR IRONWORK, THE TRIM LINE SHALL BE EXTENDED TO THAT SITUATION.
- 100 DEG. C HOT BITUMEN BINDER 50 PEN OR COLD THIXOTROPIC BITUMEN 50 - 70 PEN TO BE APPLIED TO ALL VERTICAL CUTS IN ACCORDANCE WITH B.S. 594, PRIOR TO APPLICATION OF BLACK TOP.
- JOINTS SEALED WITH HOT BITUMEN AND TOPPED WITH FINE SAND / GRIT TO GET A MINIMUM 55 SKID RESISTANCE VALUE AND SHALL NOT EXCEED 3mm THICKNESS OR 40mm WIDTH.
- DBM ROAD BASE SHALL BE CL.812
- LEANMIX CONCRETE IN ACCORDANCE WITH CL.809
- LEANMIX SURFACE TO BE SPRAYED PER CL. 909 PRIOR TO APPLICATION OF BITUMINOUS LAYER.
- CL.804 GRANULAR MATERIAL TYPE B, COMPACTED IN LAYERS IN ACCORDANCE WITH CL.802
- DEPENDING ON COMPOSITION OF THE ROAD, THE OVER BREAK MAY EXTEND TO THE TOP OF THE GRANULAR OR CEMENT BOUND MATERIAL.



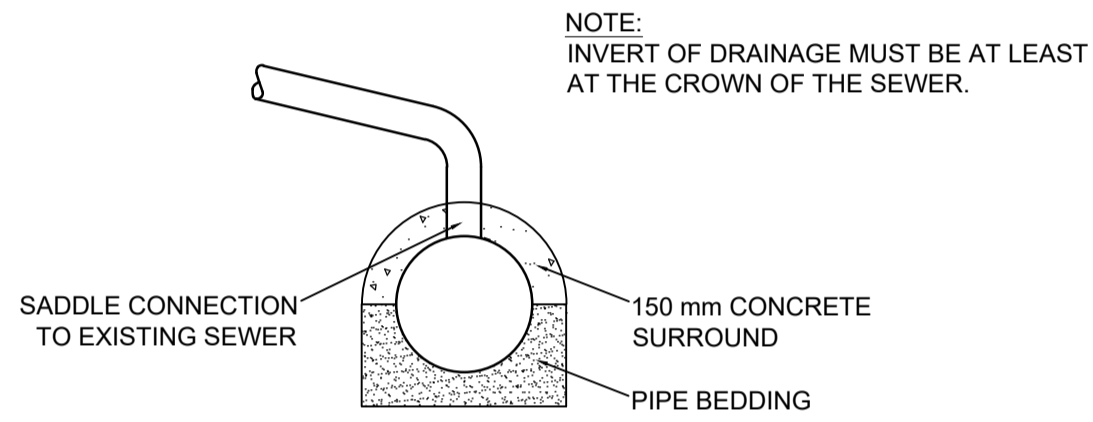
PIPE BEDDING TYPE 2 IF DEPTH OF COVER <1.2M (CARRIER PIPES)

NOTES:

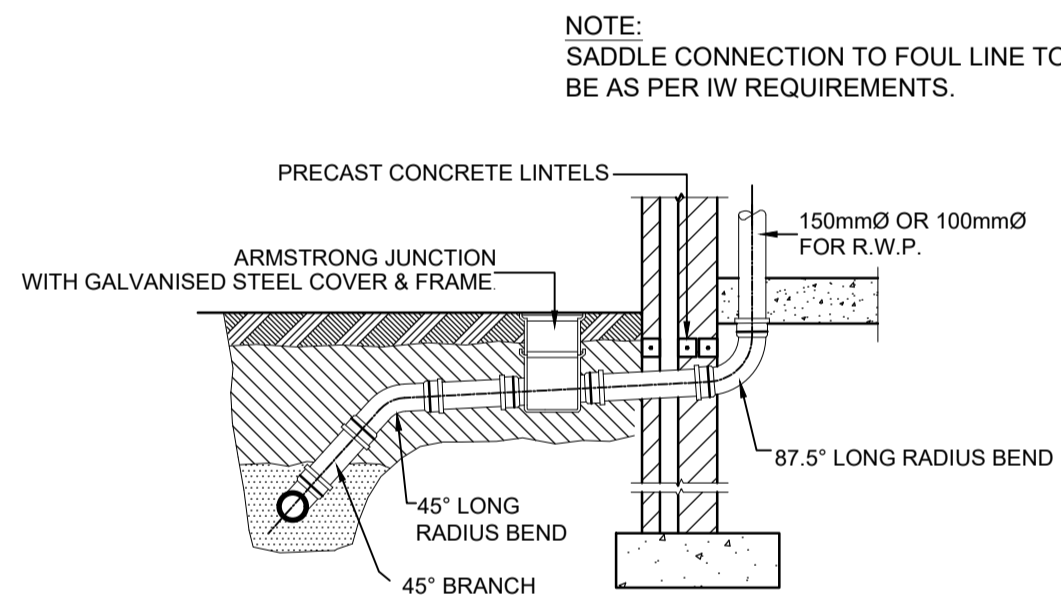
- ALL DIMENSIONS ARE IN MILLIMETERS.
- THE MINIMUM DEPTH FROM THE TOP OF THE GRATING TO THE TOP OF THE GULLY OUTLET IS TO BE 750mm WHEN THE CONNECTING PIPE IS UNDER A CARRIAGE WAY OR A HARD SHOULDER AND 600 ELSEWHERE.
- PRE CAST CONCRETE GULLIES AND COVER SLABS SHALL BE TO BS 5911-6.
- WHEN AN INSITU CAST GULLY HAS A TRAP, THE STOPPERS SHALL COMPLY WITH THE REQUIREMENTS OF BS 5911-4 AND BS EN 1917.
- ALL ST CONCRETE SHALL BE TO SHW, CLAUSE 2602



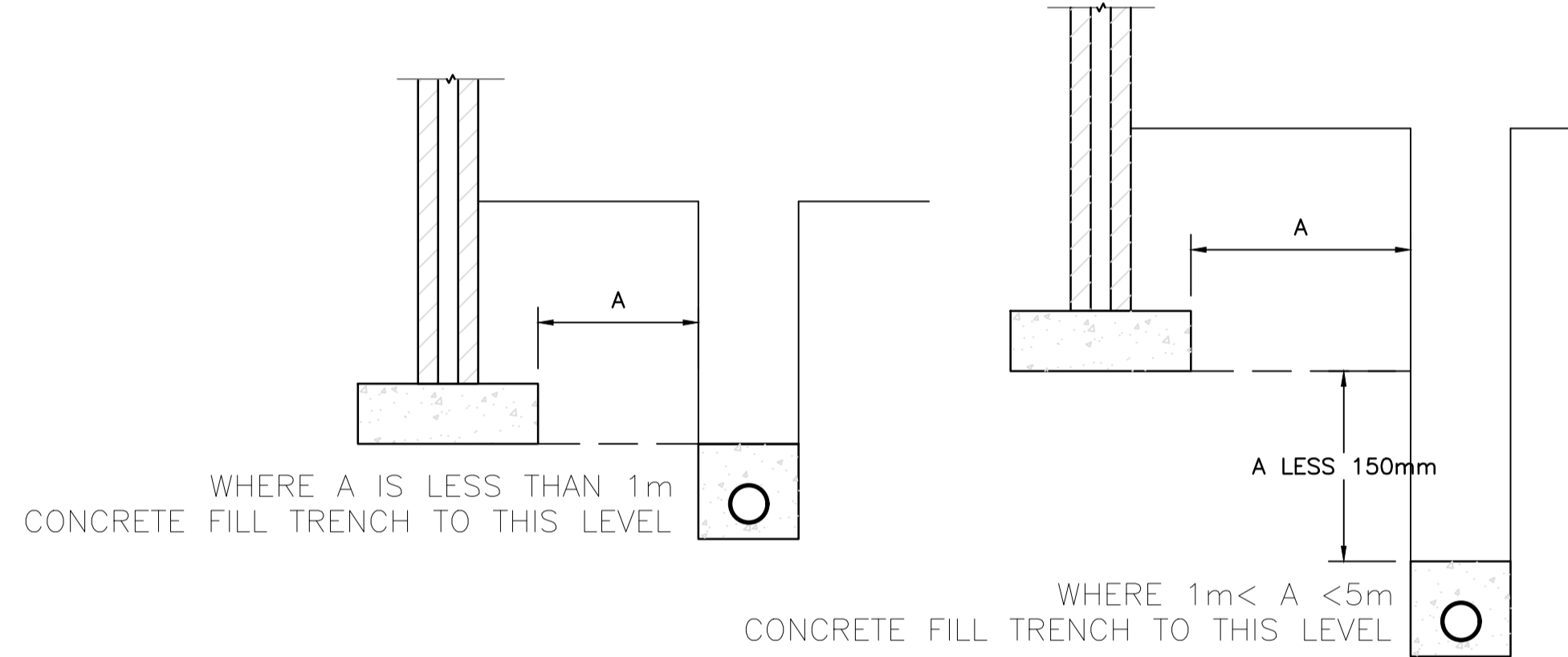
PIPE BEDDING TYPE 1 IF DEPTH OF COVER >1.2M (CARRIER PIPES)



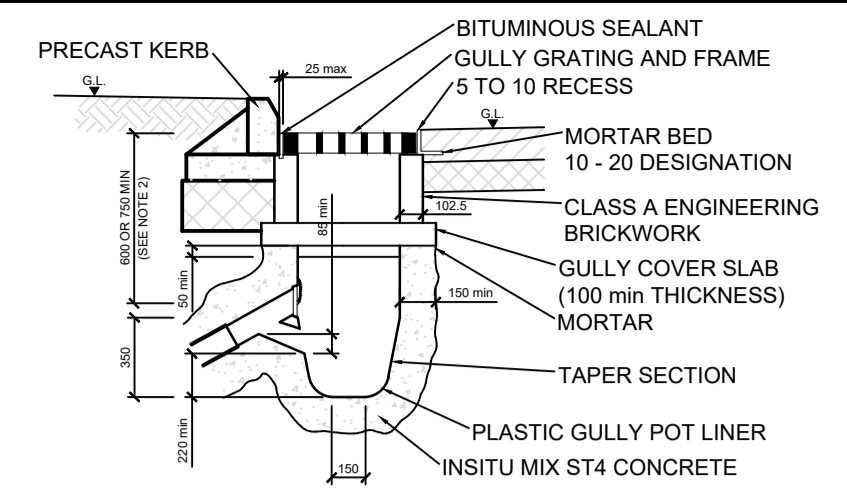
SADDLE CONNECTION STORM LINE



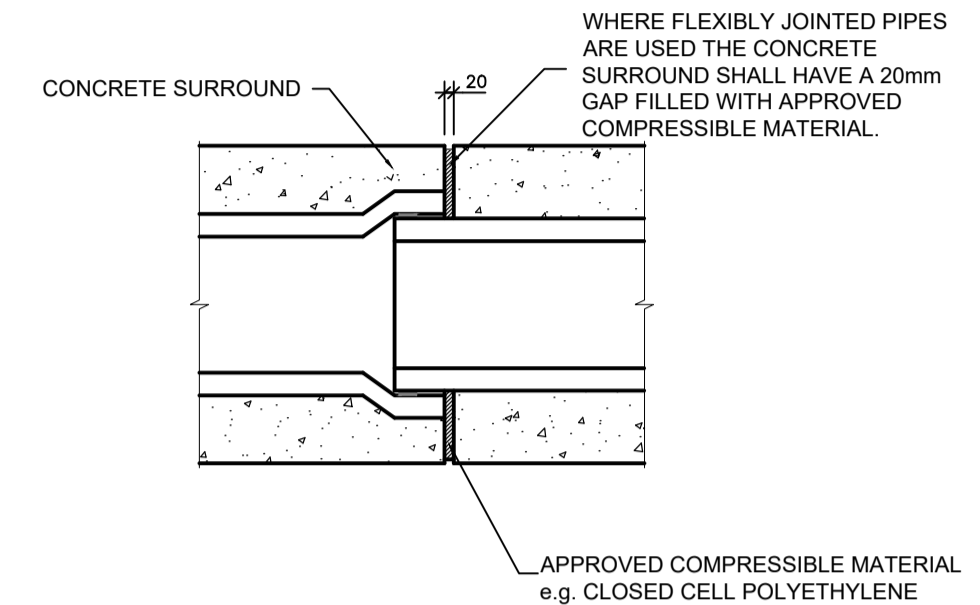
CONNECTION OF INTERNAL DRAINAGE TO DRAIN TYPE 1



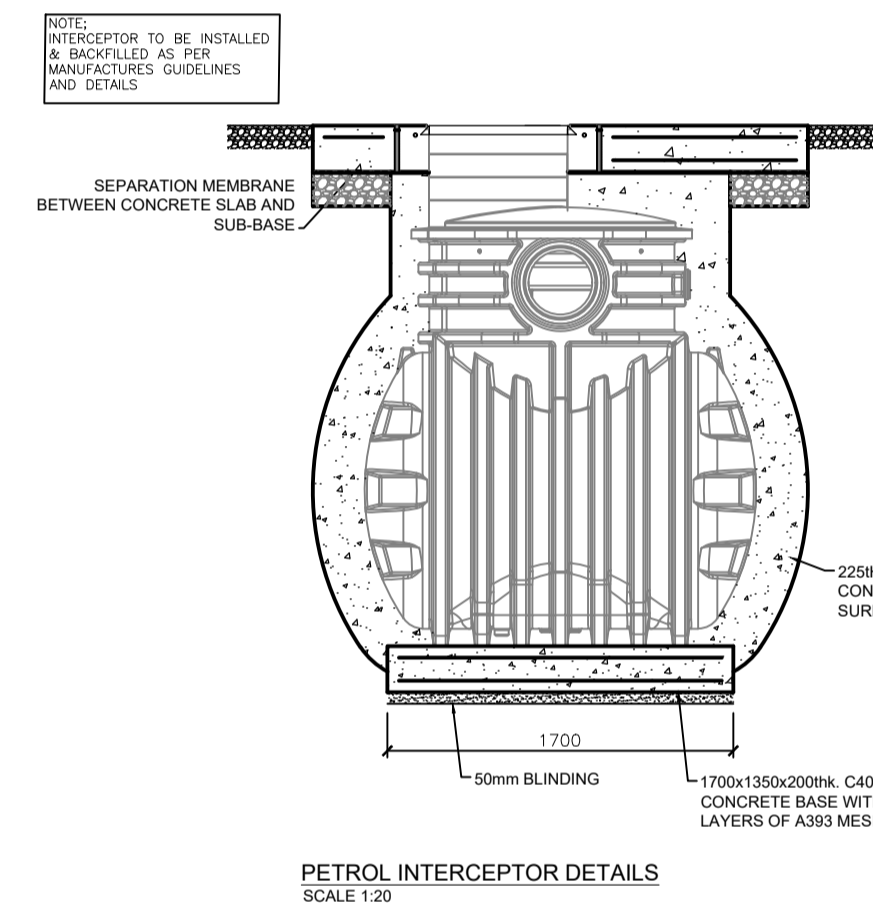
CONCRETE SURROUND TO PIPE RUN NEAR BUILDINGS / FOUNDATIONS



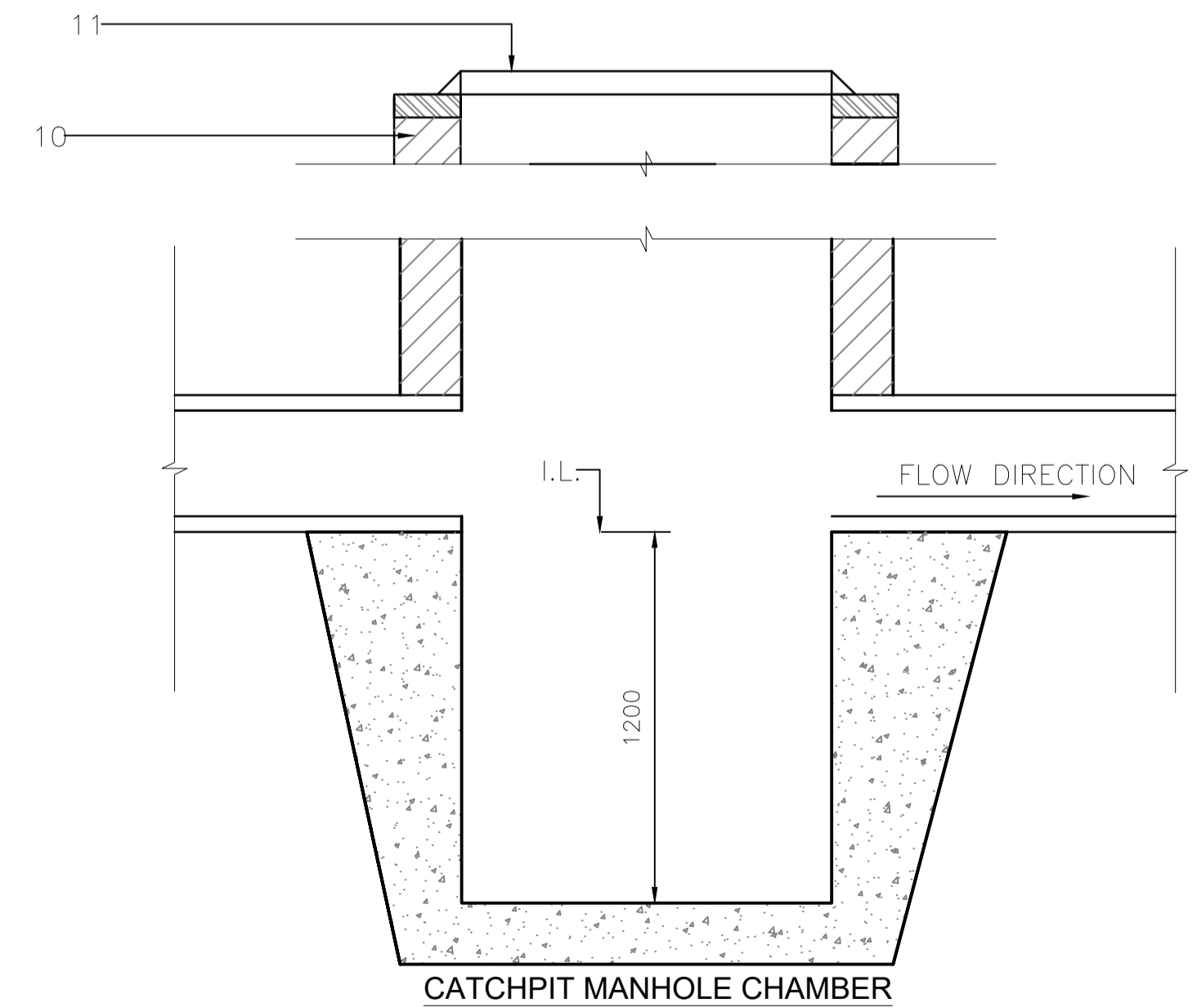
TYPICAL PRECAST GULLY



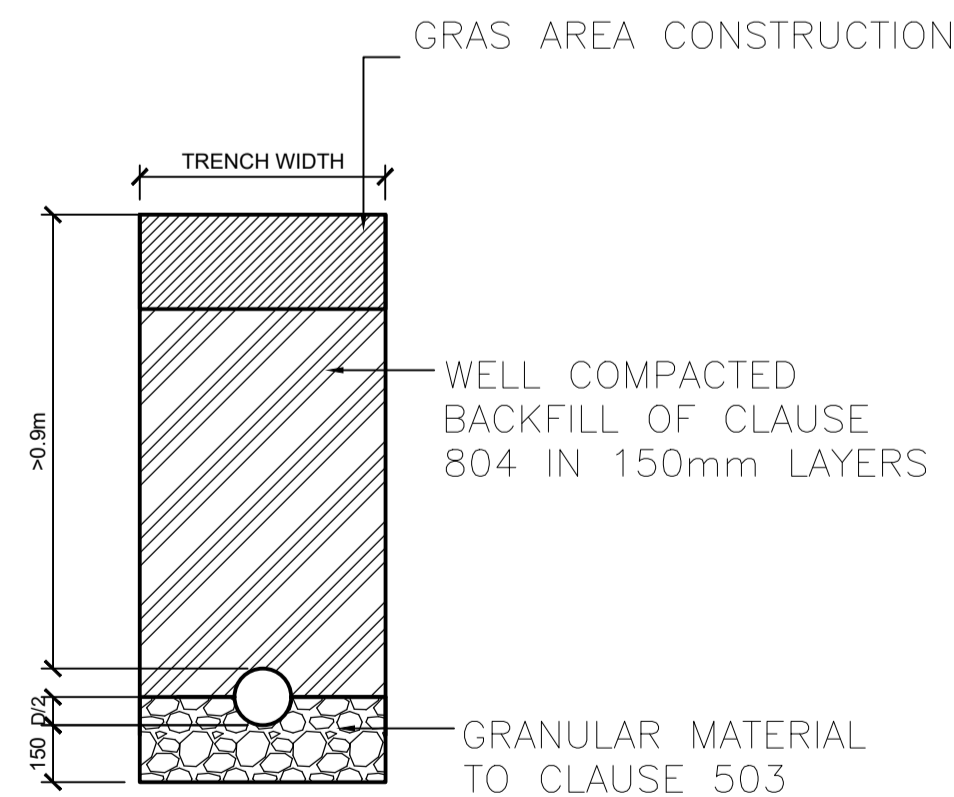
JOINT IN CONCRETE SURROUND



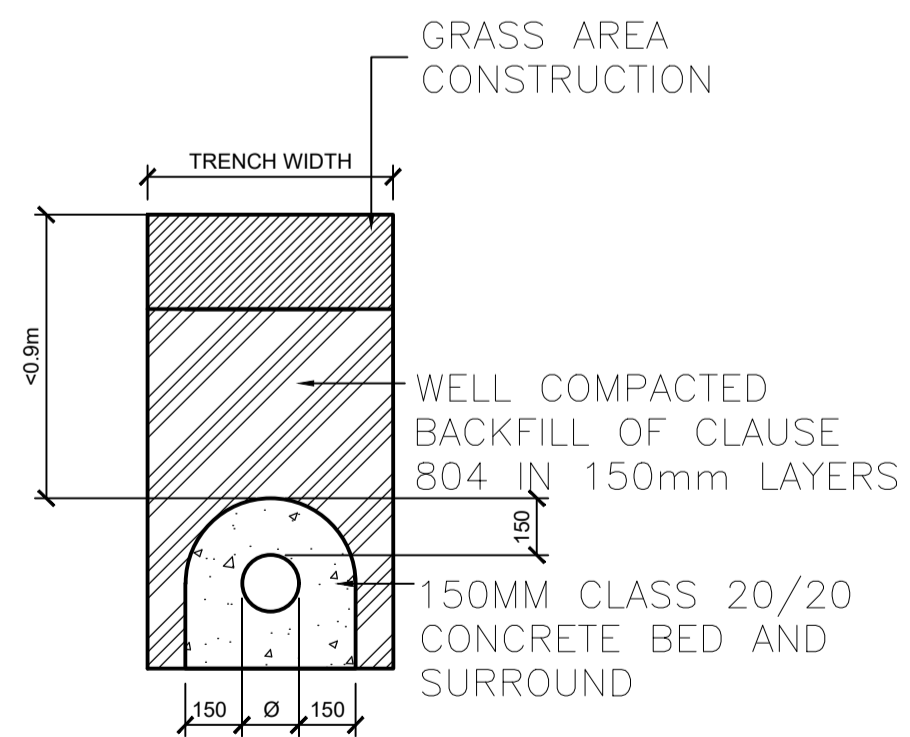
PETROL INTERCEPTOR DETAILS SCALE 1:20



CATCHPIT MANHOLE CHAMBER



PIPE BEDDING TYPE 1 IF DEPTH OF COVER >0.9M (CARRIER PIPES)



PIPE BEDDING TYPE 2 IF DEPTH OF COVER <0.9M (CARRIER PIPES)

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File: 5221169-ATK-ZZ-CE-960592.dwg Date: Feb 20, 2024 - 5:45pm Plotted by: kenglish

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Rev	Description	By	Date	Chk'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14.02.24	PP	MOS
2	ISSUED FOR STAGE 2A	CG	26.09.23	VO	MOS
1	ISSUED FOR STAGE 2A	KE	18.09.23	VO	MOS
0	ISSUED FOR INFORMATION	KE	06.07.23	VO	MOS

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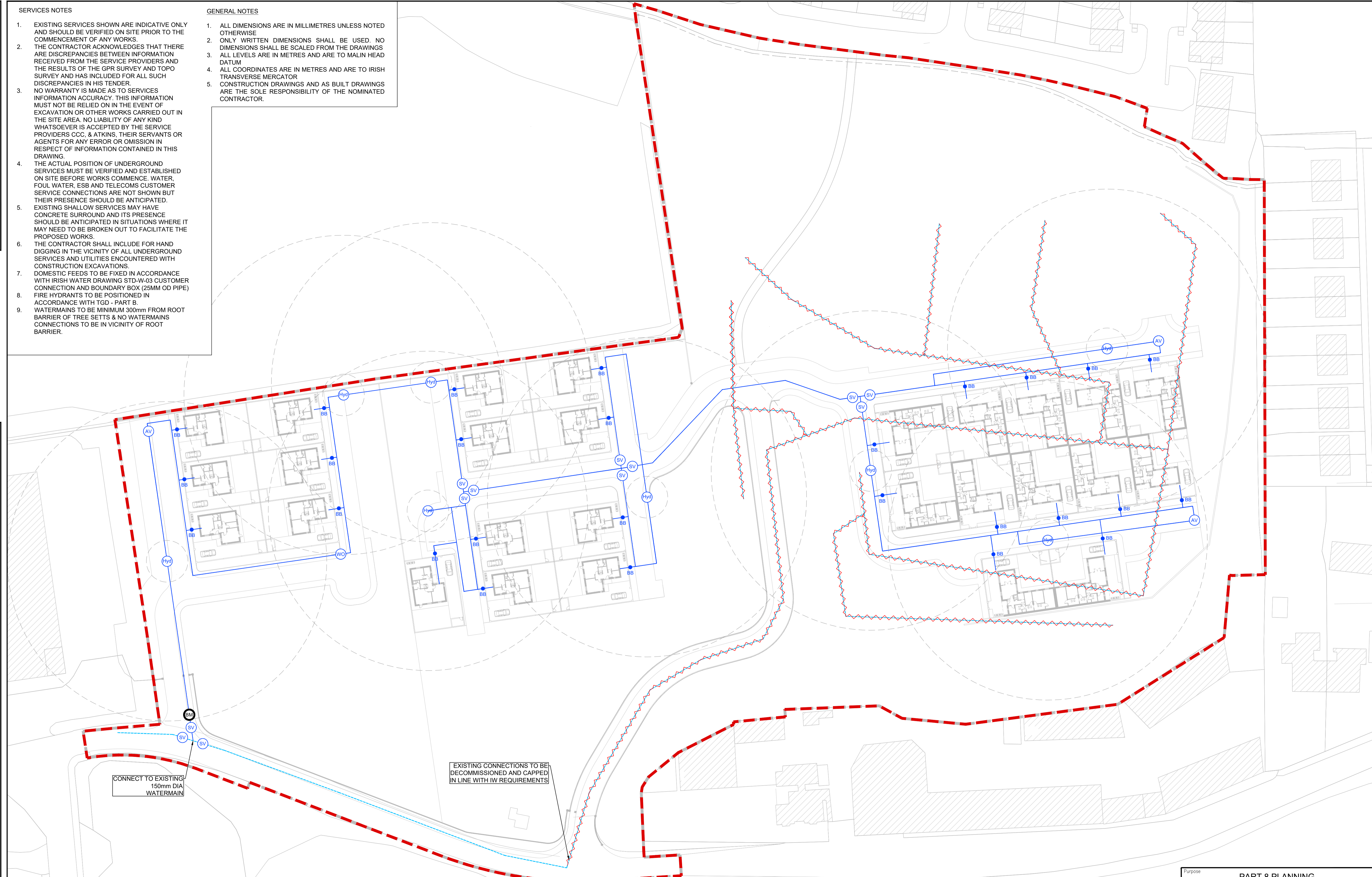
Client: CORK CITY COUNCIL

Project: SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose: PART 8 PLANNING			
Title: DRAINAGE DETAILS SHEET 2 OF 2			
Original Scale: AS SHOWN	Des/Drawn: ND	Checked: VO	Authorised: MOS
Date: 10/05/23	Date: 10/05/23	Date: 10/05/23	Date: 10/05/23
Status: P	Drawing Number: SLEYGH-XXX-XXX-DR-ATK-CE-960592	Rev: 3	

- SERVICES NOTES**
- EXISTING SERVICES SHOWN ARE INDICATIVE ONLY AND SHOULD BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORKS.
 - THE CONTRACTOR ACKNOWLEDGES THAT THERE ARE DISCREPANCIES BETWEEN INFORMATION RECEIVED FROM THE SERVICE PROVIDERS AND THE RESULTS OF THE GPR SURVEY AND TOPO SURVEY AND HAS INCLUDED FOR ALL SUCH DISCREPANCIES IN HIS TENDER.
 - NO WARRANTY IS MADE AS TO SERVICES INFORMATION ACCURACY. THIS INFORMATION MUST NOT BE RELIED ON IN THE EVENT OF EXCAVATION OR OTHER WORKS CARRIED OUT IN THE SITE AREA. NO LIABILITY OF ANY KIND WHATSOEVER IS ACCEPTED BY THE SERVICE PROVIDERS CCC, & ATKINS, THEIR SERVANTS OR AGENTS FOR ANY ERROR OR OMISSION IN RESPECT OF INFORMATION CONTAINED IN THIS DRAWING.
 - THE ACTUAL POSITION OF UNDERGROUND SERVICES MUST BE VERIFIED AND ESTABLISHED ON SITE BEFORE WORKS COMMENCE. WATER, FOUL WATER, ESB AND TELECOMS CUSTOMER SERVICE CONNECTIONS ARE NOT SHOWN BUT THEIR PRESENCE SHOULD BE ANTICIPATED.
 - EXISTING SHALLOW SERVICES MAY HAVE CONCRETE SURROUND AND ITS PRESENCE SHOULD BE ANTICIPATED IN SITUATIONS WHERE IT MAY NEED TO BE BROKEN OUT TO FACILITATE THE PROPOSED WORKS.
 - THE CONTRACTOR SHALL INCLUDE FOR HAND DIGGING IN THE VICINITY OF ALL UNDERGROUND SERVICES AND UTILITIES ENCOUNTERED WITH CONSTRUCTION EXCAVATIONS.
 - DOMESTIC FEEDS TO BE FIXED IN ACCORDANCE WITH IRISH WATER DRAWING STD-W-03 CUSTOMER CONNECTION AND BOUNDARY BOX (25MM OD PIPE)
 - FIRE HYDRANTS TO BE POSITIONED IN ACCORDANCE WITH TGD - PART B.
 - WATERMAINS TO BE MINIMUM 300mm FROM ROOT BARRIER OF TREE SETTS & NO WATERMAINS CONNECTIONS TO BE IN VICINITY OF ROOT BARRIER.

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 - CONSTRUCTION DRAWINGS AND AS BUILT DRAWINGS ARE THE SOLE RESPONSIBILITY OF THE NOMINATED CONTRACTOR.



CONNECT TO EXISTING
150mm DIA
WATERMAIN

EXISTING CONNECTIONS TO BE
DECOMMISSIONED AND CAPPED
IN LINE WITH IW REQUIREMENTS

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ELLIS YARD DEVELOPMENT

Risk Level X Atkins Base Line - Low Risk
Atkins Sensitive - Medium Risk
Atkins Private - High Risk
Client Critical - Already Marked

- AV AIR VALVE
- Hydrant (Hyd) HYDRANT
- WO WASH OUT VALVE
- SV SLUICE VALVE
- BB BOUNDARY BOX
- BM BULK METER
- PROPOSED HDPE 100MM WATERMAIN
- EXISTING WATERMAIN
- SITE BOUNDARY
- EXISTING TO BE REMOVED
- 6m RADIUS FROM HYDRANT
- 46m RADIUS FROM HYDRANT

Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14/02/24	PP	VO	MOS
2	ISSUED FOR STAGE 2A	CG	26/09/23	ND	VO	MOS
1	ISSUED FOR STAGE 2A	KE	18/09/23	ND	VO	MOS
0	ISSUED TO IW FOR PCE	ND	10/05/23	ND	VO	MOS

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Client
CORK CITY COUNCIL

Project
SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose		PART 8 PLANNING							
Title		PROPOSED WATERMAIN LAYOUT							
Original Scale	1:500	Drawn	ND	Checked	ND	Reviewed	VO	Authorised	MOS
Date	10/05/23	Date	10/05/23	Date	10/05/23	Date	10/05/23	Date	10/05/23
Status	P	Drawing Number	SLEYGH-XXX-XXX-DR-ATK-CE-962700			Rev	3		

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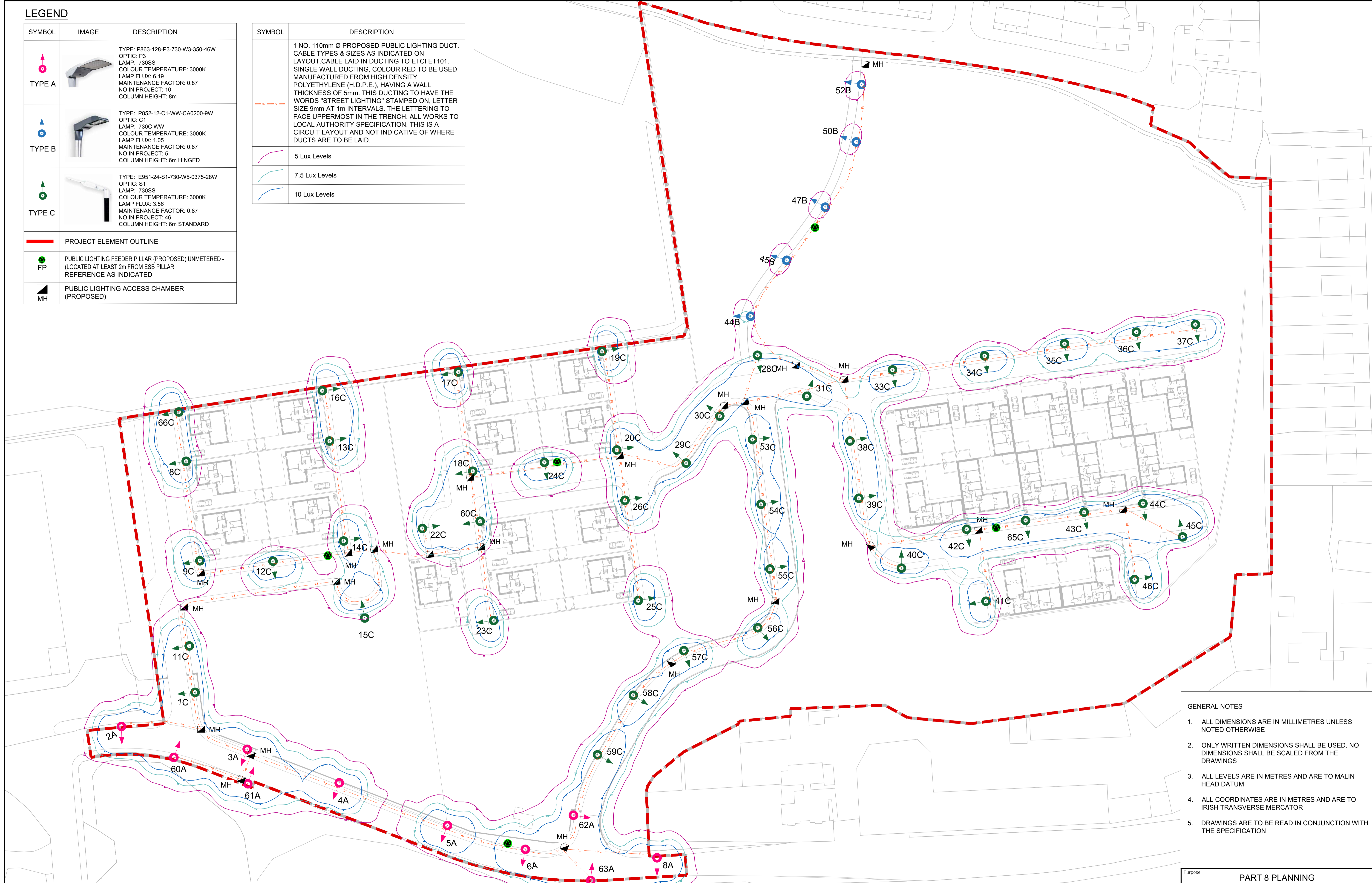
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Date: Feb 20, 2024 - 5:00pm
Plotted by: kengish

LEGEND

SYMBOL	IMAGE	DESCRIPTION
TYPE A		TYPE: P863-128-P3-730-W3-350-46W OPTIC: P3 LAMP: 730SS COLOUR TEMPERATURE: 3000K LAMP FLUX: 6.19 MAINTENANCE FACTOR: 0.87 NO IN PROJECT: 10 COLUMN HEIGHT: 8m
TYPE B		TYPE: P852-12-C1-WW-CA0200-9W OPTIC: C1 LAMP: 730C WW COLOUR TEMPERATURE: 3000K LAMP FLUX: 1.05 MAINTENANCE FACTOR: 0.87 NO IN PROJECT: 5 COLUMN HEIGHT: 6m HINGED
TYPE C		TYPE: E951-24-S1-730-W5-0375-28W OPTIC: S1 LAMP: 730SS COLOUR TEMPERATURE: 3000K LAMP FLUX: 3.56 MAINTENANCE FACTOR: 0.87 NO IN PROJECT: 46 COLUMN HEIGHT: 6m STANDARD
		PROJECT ELEMENT OUTLINE
		PUBLIC LIGHTING FEEDER PILLAR (PROPOSED) UNMETERED - (LOCATED AT LEAST 2m FROM ESB PILLAR REFERENCE AS INDICATED)
		PUBLIC LIGHTING ACCESS CHAMBER (PROPOSED)

SYMBOL	DESCRIPTION
	1 NO. 110mm Ø PROPOSED PUBLIC LIGHTING DUCT. CABLE TYPES & SIZES AS INDICATED ON LAYOUT. CABLE LAID IN DUCTING TO ETCI ET101. SINGLE WALL DUCTING, COLOUR RED TO BE USED MANUFACTURED FROM HIGH DENSITY POLYETHYLENE (H.D.P.E.), 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.
	5 Lux Levels
	7.5 Lux Levels
	10 Lux Levels



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 ELLIS YARD, CORK

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 25/18LUX.
 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.
 CONTRACTOR TO REFER INFRASTRUCTURE DRAWINGS FOR THE LOCATION OF ESB NETWORK AND COMMS NETWORK ROUTING

Rev	Description	By	Date	Chk'd	Rev'd	Auth
4	ISSUED FOR PART 8 PLANNING	KE	14/02/24	PP	VO	MOS
3	ISSUED FOR STAGE 2A	CG	26/09/23	TJ	VO	MOS
2	ISSUED FOR STAGE 2A	MB	18/09/23	TJ	VO	MOS
1	ISSUED FOR INFORMATION	MB	13/09/23	TJ	VO	NS
0	ISSUED FOR INFORMATION	MB	23/06/23	TJ	VO	NS

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Client: CORK CITY COUNCIL

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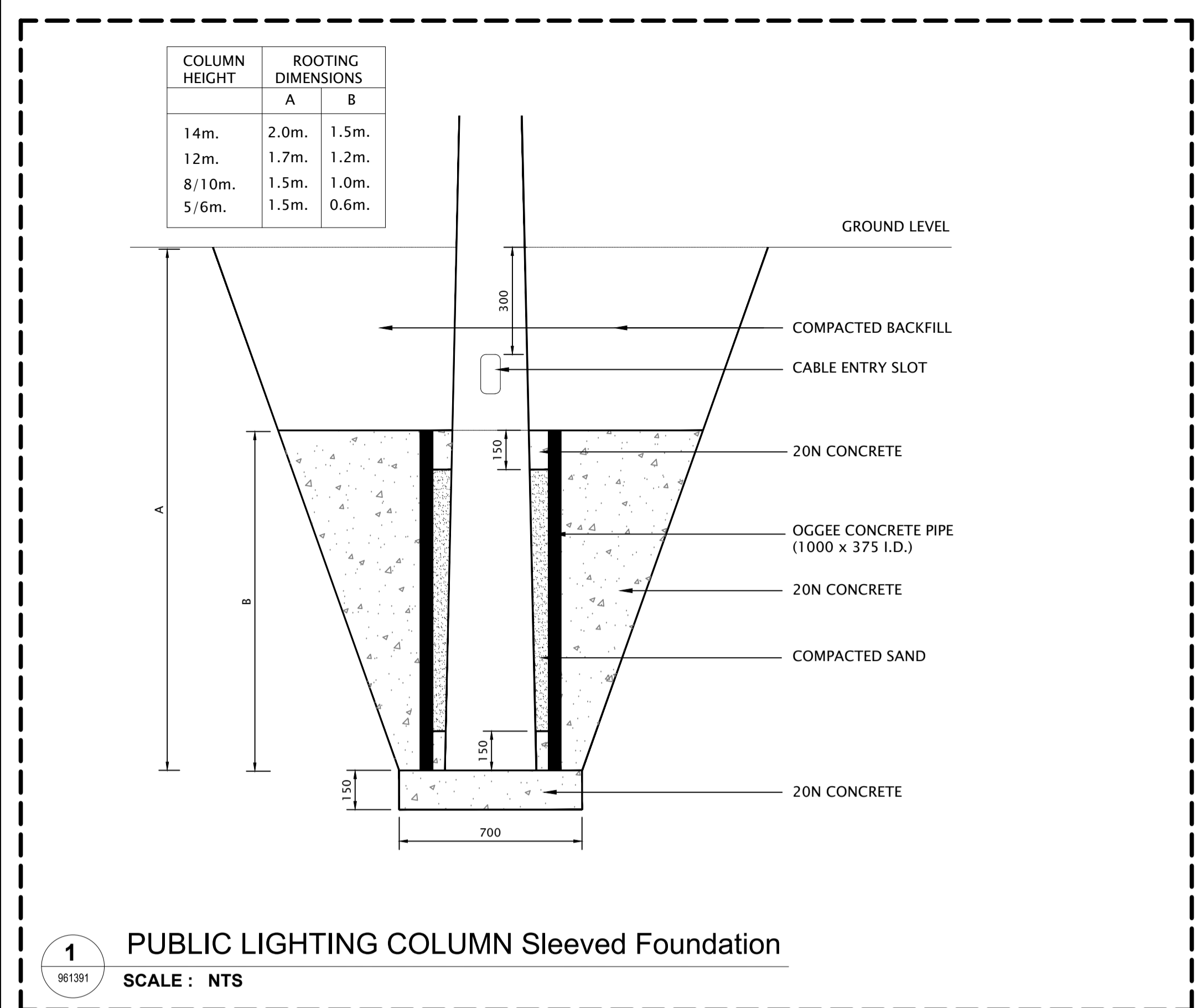
Purpose: PART 8 PLANNING		Title: PUBLIC LIGHTING LAYOUT	
Original Scale: 1:100	Drawn: MB	Checked: TJ	Reviewed: VO
Date: 23/06/23	Date: 23/06/23	Date: 23/06/23	Date: 23/06/23
Status: P	Drawing Number: SLEYGH-XXX-XXX-DR-ATK-EE-901300	Rev: 4	Authorised: NS

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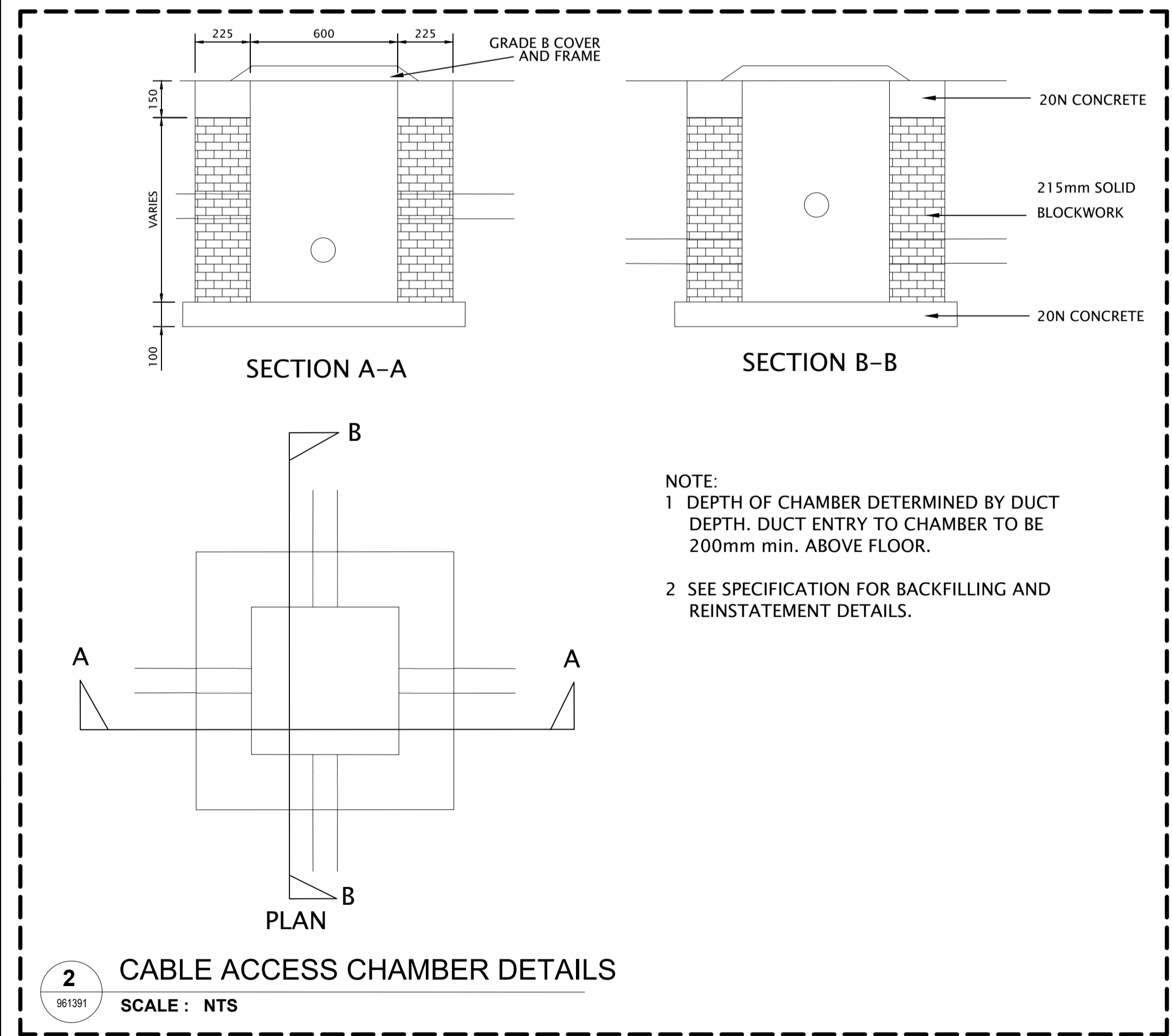
DO NOT SCALE

961391

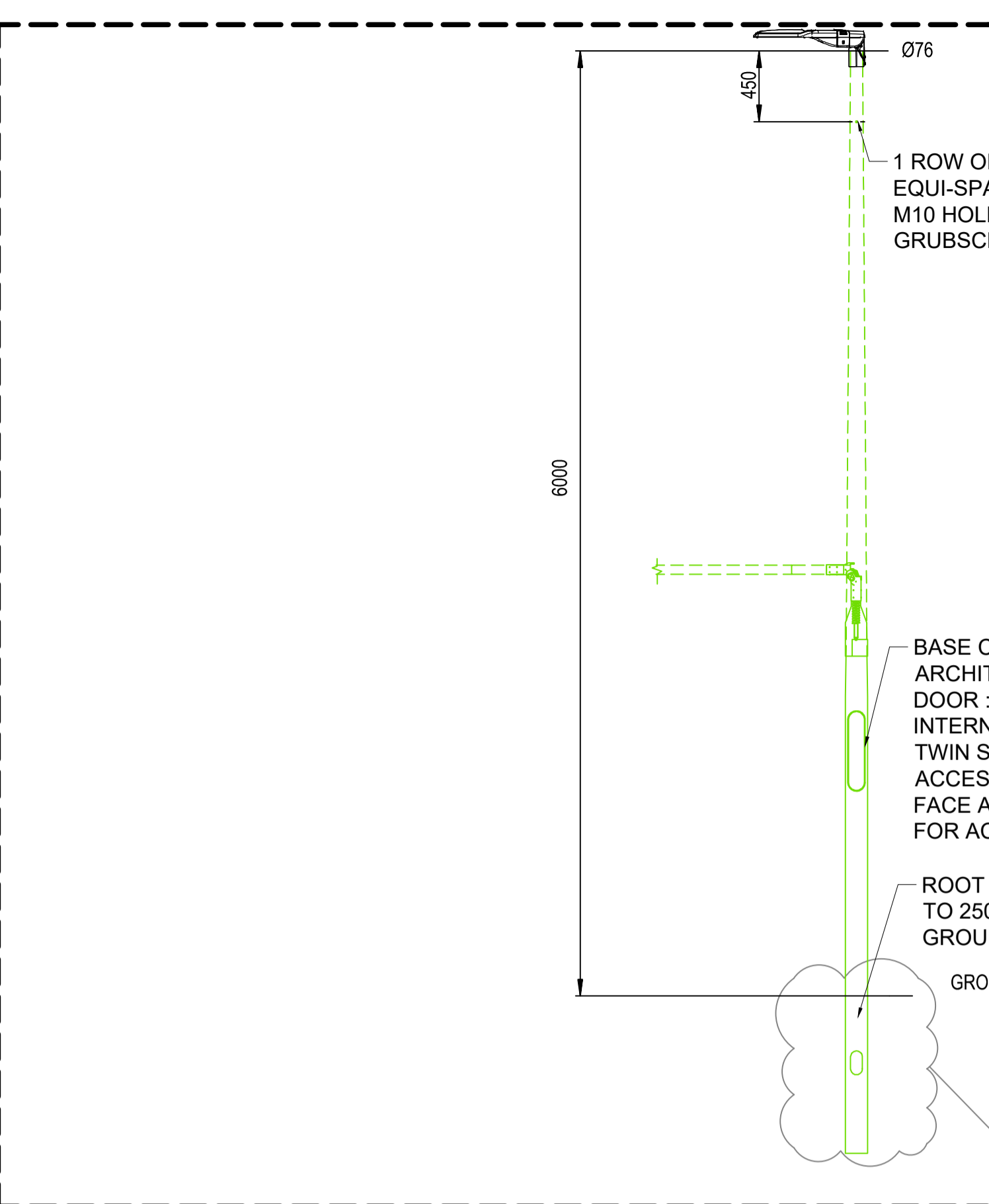
File: 5221169-ATK-XX-DR-EE-961390.dwg
Date: Feb 20, 2024 - 3:25pm
Plotted by: kengshih



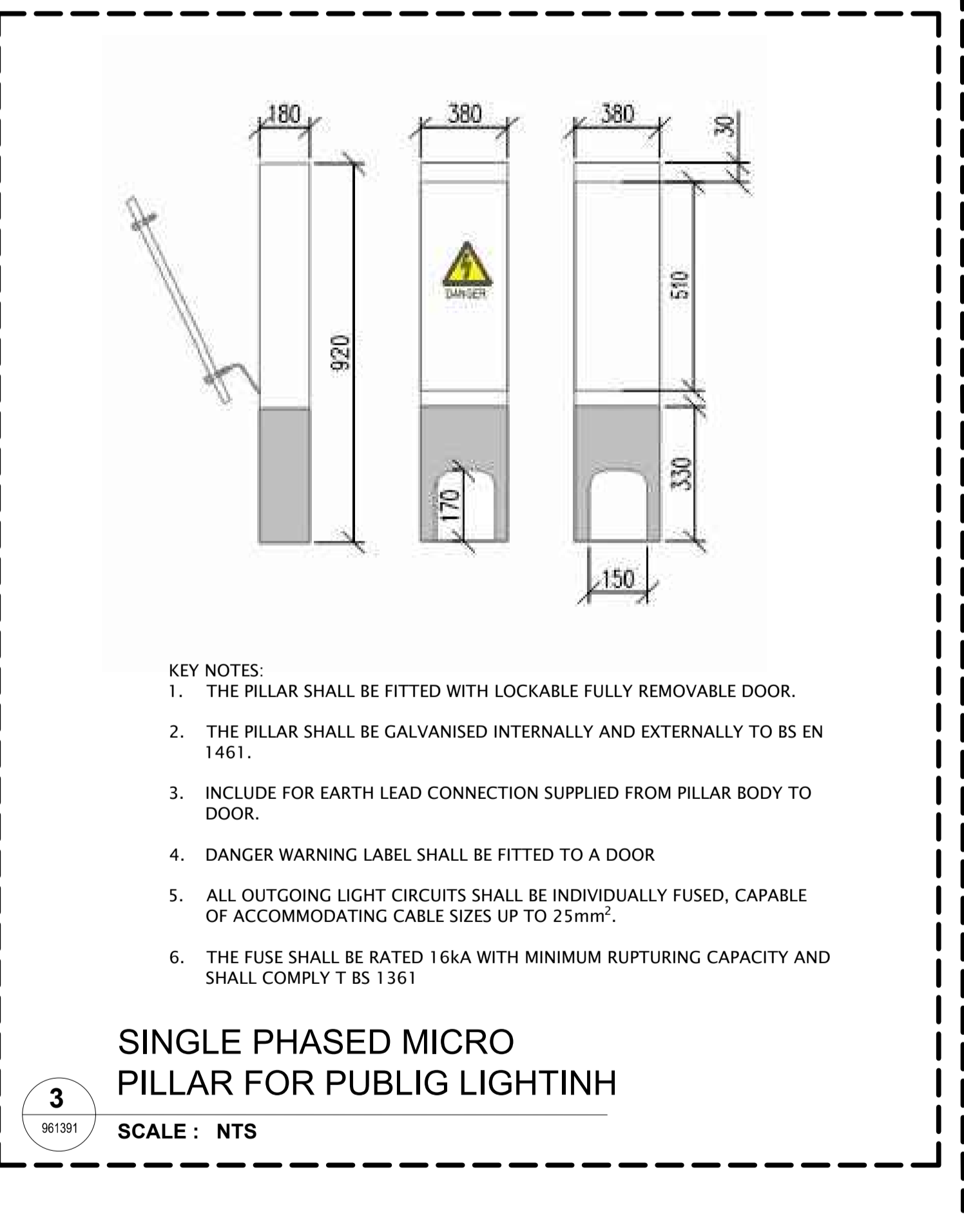
1 PUBLIC LIGHTING COLUMN Sleeved Foundation
SCALE: NTS



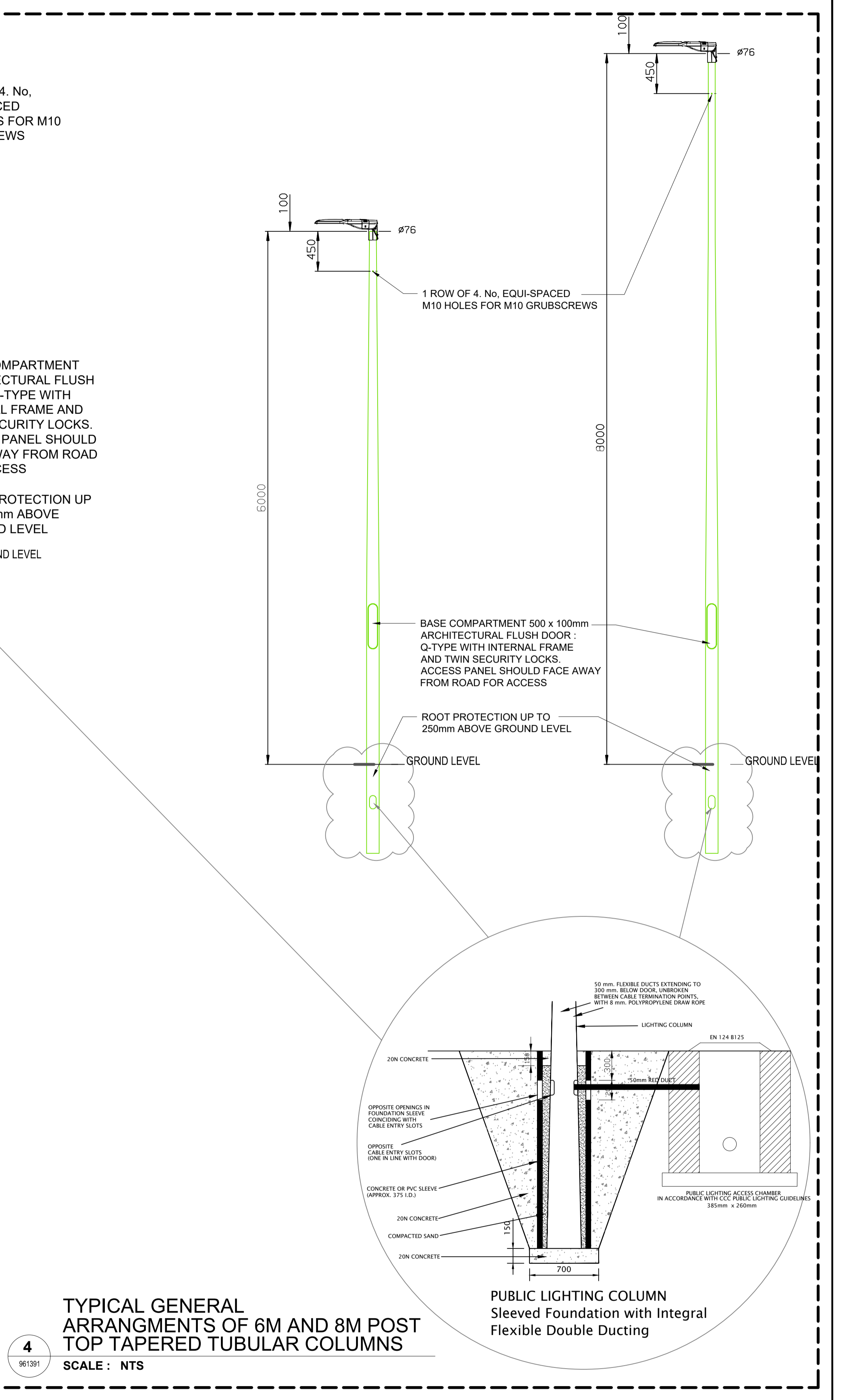
2 CABLE ACCESS CHAMBER DETAILS
SCALE: NTS



3 SINGLE PHASED MICRO PILLAR FOR PUBLIC LIGHTING
SCALE: NTS



4 TYPICAL GENERAL ARRANGMENTS OF 6M AND 8M POST TOP TAPERED TUBULAR COLUMNS
SCALE: NTS



5 PUBLIC LIGHTING COLUMN Sleeved Foundation with Integral Flexible Double Ducting
SCALE: NTS

Risk Level	Atkins Base Line - Low Risk
	Atkins Sensitive - Medium Risk
	Atkins Private - High Risk
	Client Critical - Already Marked

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

Rev	Description	By	Date	Chk'd	Rev'd	Auth
3	ISSUED FOR PART 8 PLANNING	KE	14.02.24	PP	VO	MOS
2	ISSUED FOR STAGE 2A	CG	26.09.23	ND	VO	MOS
1	ISSUED FOR STAGE 2A	KE	18.09.23	ND	VO	MOS
0	ISSUED FOR INFORMATION	KE	06.07.23	ND	VO	MOS

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Client	CORK CITY COUNCIL
Project	SPRING LANE AND ELLIS YARD TRAVELLER ACCOMMODATION

Purpose		PART 8 PLANNING			
Title		PROPOSED PUBLIC LIGHTING DETAILS			
Original Scale	Drawn	Checked	Reviewed	Authorised	
NTS	KE	MOS	MOS	MOS	
Date	Date	Date	Date	Date	
06.07.23	06.07.23	06.07.23	06.07.23	06.07.23	
Status	Drawing Number	Rev			
P	SLEYGH-XXX-XXX-DR-ATK-EE-961390	3			

