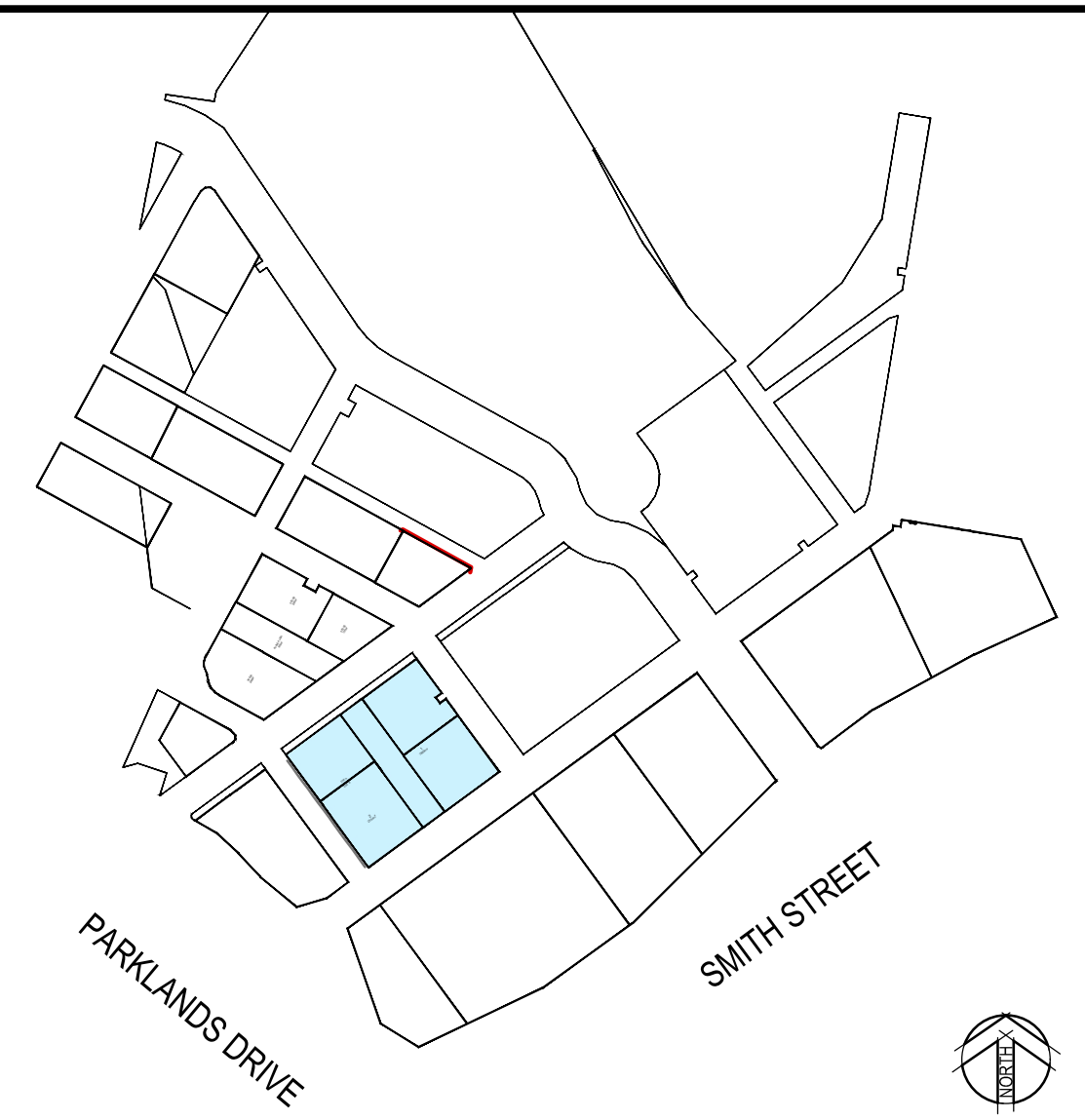


NOTE: STORMWATER CONNECTIONS FOR 3A-1 AND 3B-1 TO BE CONFIRMED ON DEMOLITION OF EXISTING STRUCTURES AND DEVELOPMENT OF NEW ARCHITECTURAL PLANS FOR EACH SITE.



BEWARE OF UNDERGROUND SERVICES
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ACCURACY OF THE INTERPOLATED INFORMATION SUPPLIED. ENSURE
ALL SERVICES ARE ACCURATELY LOCATED PRIOR TO
COMMENCEMENT OF WORK.

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1. REFER TO DWG 721993-CI-001 FOR NOTES AND LEGEND.

[illegible]

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Checked SC	Date 17/12/2021	
Designed DD	Date 17/12/2021	
Verified SC	Date 17/12/2021	
Approved		

Project
LUMINA - FUTURE LOTS

Status **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION PURPOSES

NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Datum AHD	Scale AS SHOWN	Size A1	
Drawing Number 721993-CI-002			Revision G

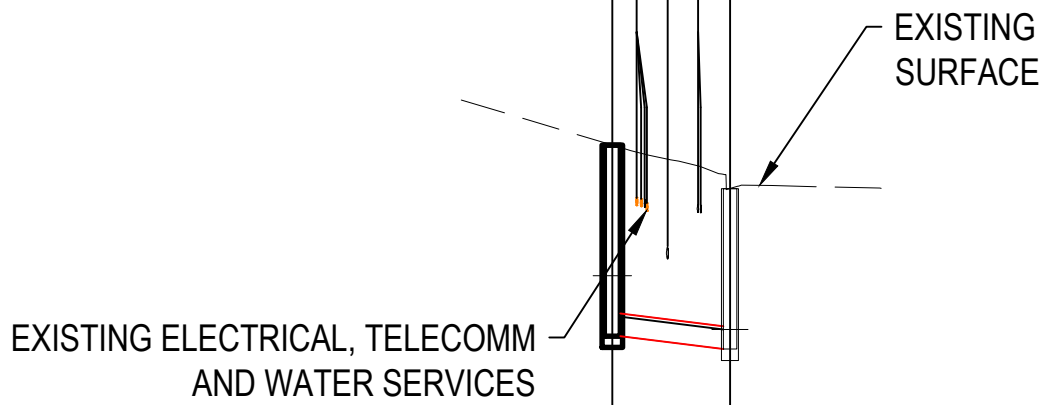
PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1319/4
Date: 15 September 2022

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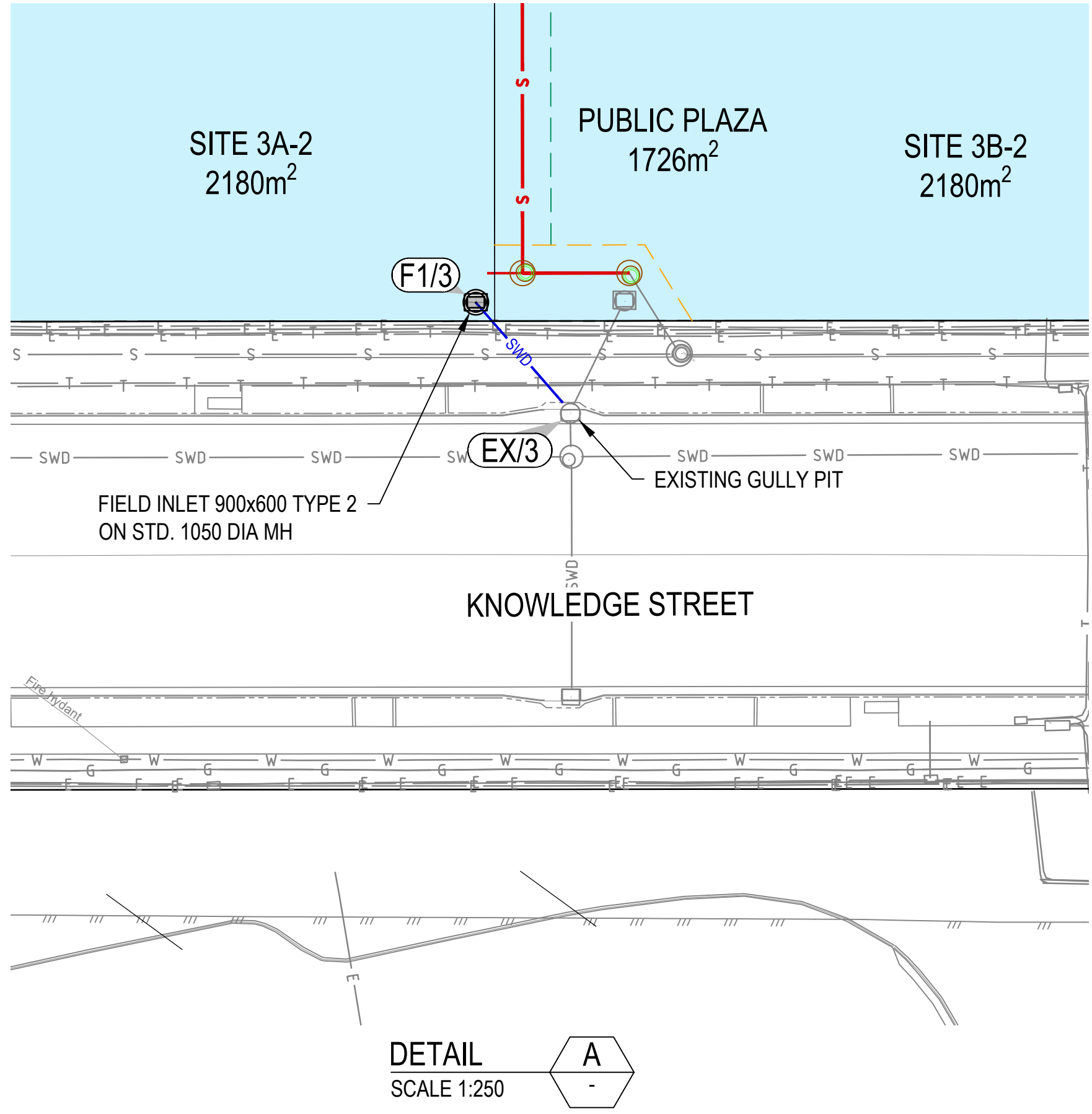
STRUCTURE NAME	F1/3
STRUCTURE DESCRIPTION	FIELD INLET 900x600 TYPE 2 ON STD. 1050 DIA MH 4x Ø100 EX ELEC / TELECOMM IL 14.49 - 14.56 EX Ø150 SEWER IL 13.85 3x Ø100 EX TELECOMM IL 14.46 - 14.47 EXISTING GULLY PIT EX/3



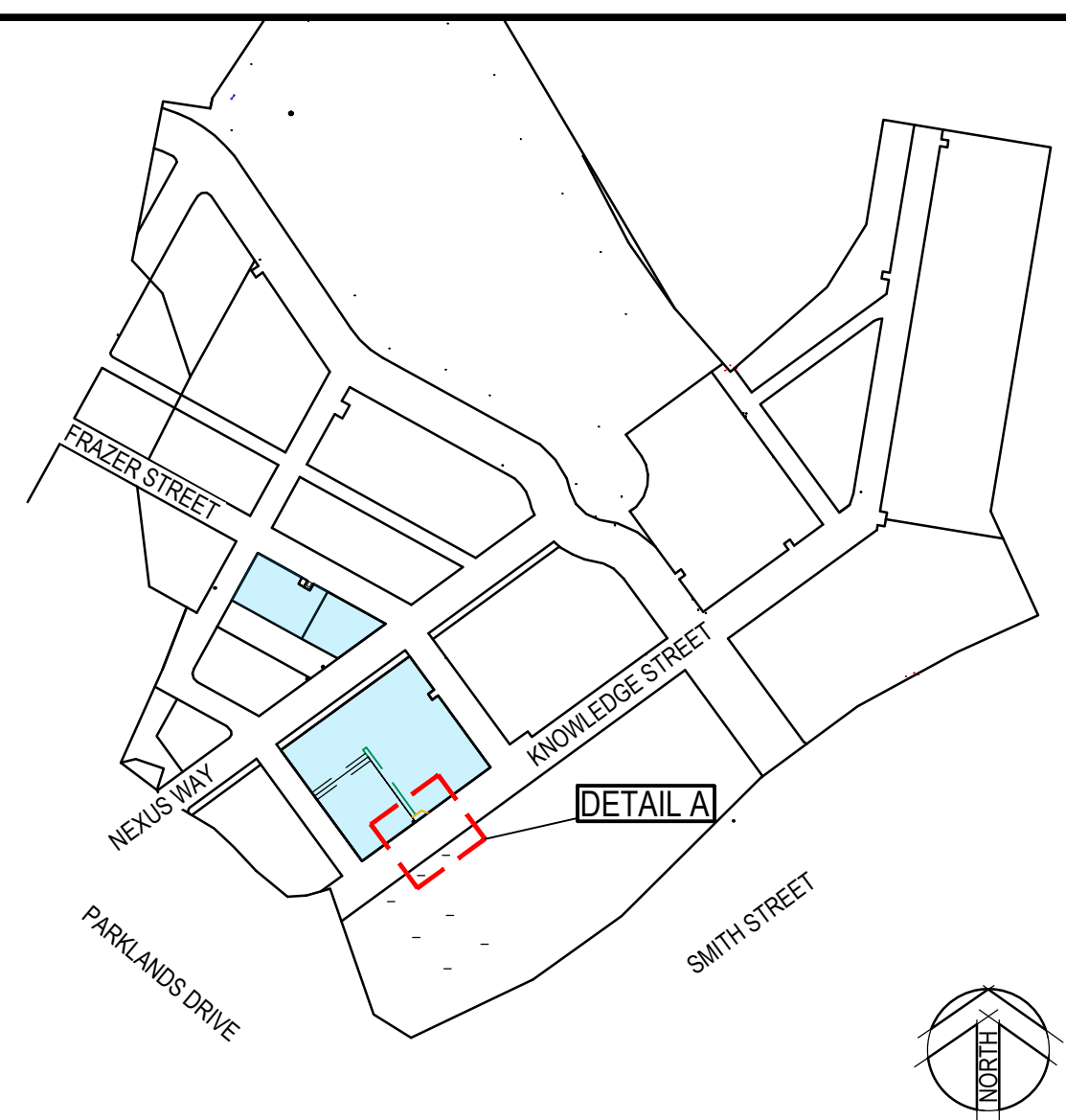
PIPE SIZE mm	300
PIPE CLASS	(PVC)
PIPE GRADE (%)	2.50%
PIPE SLOPE (1 in X)	40.00
FULL PIPE VELOCITY (m/s)	1.59
PART FULL VELOCITY (m/s)	2.36
DATUM RL.	-1.000

W.S.E IN STRUCTURE	13.629	13.087	12.917	12.917
HYDRAULIC GRADE LINE				
PIPE FLOW (CUMECS)		0.112		
PIPE CAPACITY AT GRADE (CUMECS)		0.153		
DEPTH TO INVERT		2.53	2.12	2.12
INVERT LEVELS		12.830	12.660	12.660
DESIGN SURFACE LEVELS (EXISTING SURFACE LEVELS)	15.359 (15.359)	14.784 (14.784)		
STRUCTURE EASTING NORTHING	E538014.576 N6906832.731	E538014.143 N6906830.918		
RUNNING CHAINAGE	0.000	6.807	7.782	

LINE 3



NOTE: STORMWATER CONNECTIONS FOR 3A-1 AND 3B-1 TO BE CONFIRMED ON DEMOLITION OF EXISTING STRUCTURES AND DEVELOPMENT OF NEW ARCHITECTURAL PLANS FOR EACH SITE.



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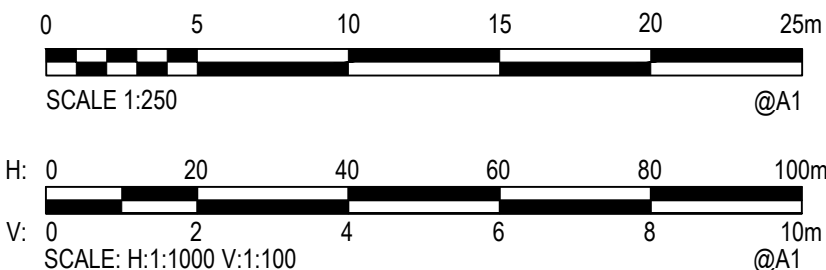
NOTES:

1. REINSTATE ALL SURFACE WORKS TO ORIGINAL.
2. ALL EXISTING SERVICES TO BE LOCATED, EXPOSED AND PROTECTED DURING WORKS.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING 721993-CI-001, GENERAL NOTES AND DETAILS.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH CoGC CITY PLAN POLICY SC6.11 - LAND DEVELOPMENT GUIDELINES

LEGEND:

- SITE BOUNDARY
- s --- PROPOSED SEWER MAIN
- PROPOSED SEWER PROPERTY CONNECTION
- SEWER MANHOLE (REFER SEQ-SEW-1307-1)
- SWD --- PROPOSED FIELD INLET AND STORMWATER CONNECTION
- EXTENT OF ASPHALT REINSTATEMENT (REFER COGC STANDARD DRAWING 02-602)
- W --- EXISTING WATER MAIN
- SWD --- EXISTING STORMWATER
- S --- EXISTING SEWER MAIN
- T --- EXISTING TELECOMMUNICATIONS / NBN
- E --- EXISTING ELECTRICITY
- C --- EXISTING COMMUNICATIONS
- G --- EXISTING GAS MAIN
- (F1/1) PROPOSED STRUCTURE NUMBER
- PROPOSED EASEMENT (CITY OF GOLD COAST)
- PROPOSED EASEMENT (PRIVATE SERVICES)

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL
Approval no: DEV2022/1319/4
Date: 15 September 2023



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Queensland Government

C	08/10/2023	SEWER EASEMENTS NOTED. FOR APPROVAL	DD	LH	LH
B	19/10/2022	AMENDED LOT LAYOUT. FOR APPROVAL	DD	LH	LH
A	22/03/2022	ISSUED FOR APPROVAL	DD	BF	LH
Rev.	Date	Description	Des.	Verif.	Appd.

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Checked	LH	Date	17/03/2022	
Designed	BF	Date	17/03/2022	
Verified	BF	Date	17/03/2022	
Approved		Date		

Client **EDQ - DSDT & I**

Project **LUMINA FUTURE LOTS**

Title **PRECINCT 3 STORMWATER SERVICES PLAN**

Status **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Datum	AHD	Scale	AS SHOWN	Size	A1	
Drawing Number	721993-CI-030				Revision	C

DATE PLOTTED: 4 July 2023 5:34 PM BY: T. THOMANN, LOIC

XREF's: X: 721993 Base: X: 721993 Ex Feat: X: 721993 - A1 Title Sheet
CAD File: U:\304702026721993 - EDQ Masterplan Trunk Infrastructure\01 - DESIGN PHASE1 Drawings\721993-30 - Lumina Lots_Precinct3_SEWER.dwg

STRUCTURE NAME / No.

MH / MS COVER TYPE	D	D	D
MH / MS TYPE	MH Ø1050	MH Ø1050	MH Ø1050
DROP TYPE	V	V	
LINE DEFLECTION & BRANCHES		90°	

MAINTENANCE HOLE/SHAFT COVER TYPES
D = CLASS D TRAFFICABLE (CONCRETE INFILL)
B = CLASS B NON-TRAFFICABLE (CAST IRON)

STRUCTURE TYPES
MH = MAINTENANCE HOLE
MS = MAINTENANCE SHAFT
JUNC = JUNCTION

PROPERTY DESCRIPTION
PP = PRIVATE PROPERTY
RR = ROAD RESERVE

SITE 3A-2 TYPE A Ø150 DIA
CH 0.000 IL 13.860 D 1.429

SITE 3A-1 TYPE A Ø150 DIA
CH 57.270 IL 14.400 D 2.639

SITE 3B-1 TYPE A Ø150 DIA
CH 50.745 IL 12.175 D 1.345

EXISTING SURFACE

PROPOSED Ø150 SEWER

PROPOSED Ø150 SEWER TO BE EXTENDED 6.05m FROM MH. INSTALL IO AT END OF CONNECTION.

LIVE CONNECTION:
CONSTRUCT NEW SEWER MANHOLE OVER EXISTING Ø150 PROPERTY CONNECTION. PREFABRICATED MANHOLE AS PER SEQ-SEW-1307-1-C.

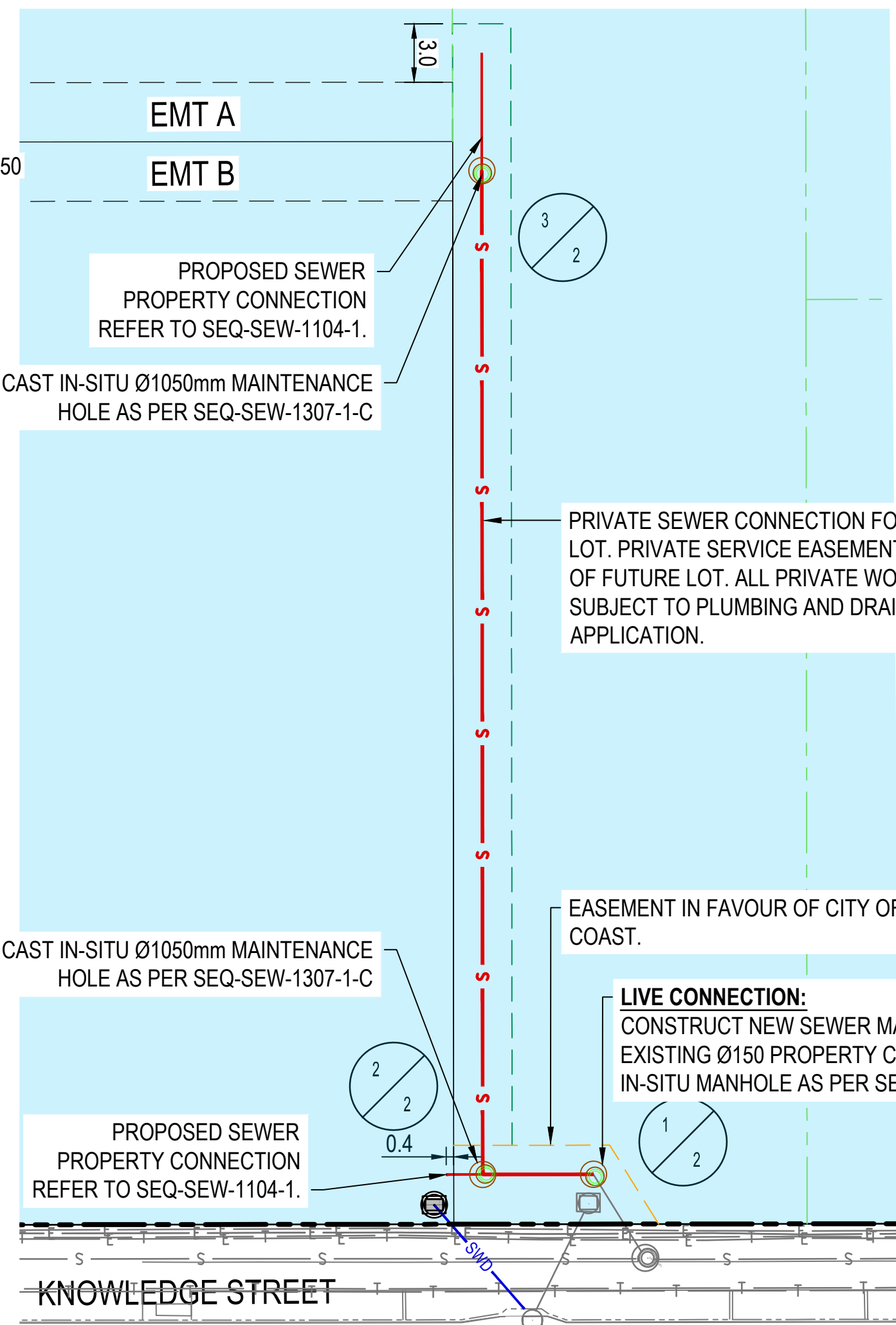
DATUM RL

PROPERTY DESCRIPTION	PP.	PP.
PIPE SIZE (mm), CLASS	150 SN8 uPVC	150 SN8 uPVC
GRADE (1 IN X)	100	100
LENGTH	5.692	51.578
EMBEDMENT TYPE	TYPE '4'	TYPE '4'
DEPTH OF INVERT BELOW FSL	1.430	
	1.390	1.585
		1.505
INVERT LEVEL (IL)	13.608	13.704
	13.648	13.784
FINISHED FSL (& EXISTING ESL)	15.037	15.289
SURFACE LEVEL	(15.037)	(15.289)
STRUCTURE SETOUT (EASTING & NORTHING)	REFER TO DIGITAL DATA	
CHAINAGE (CH)	0.000	57.270

LINE SCALE H 1:1000, V 1:100

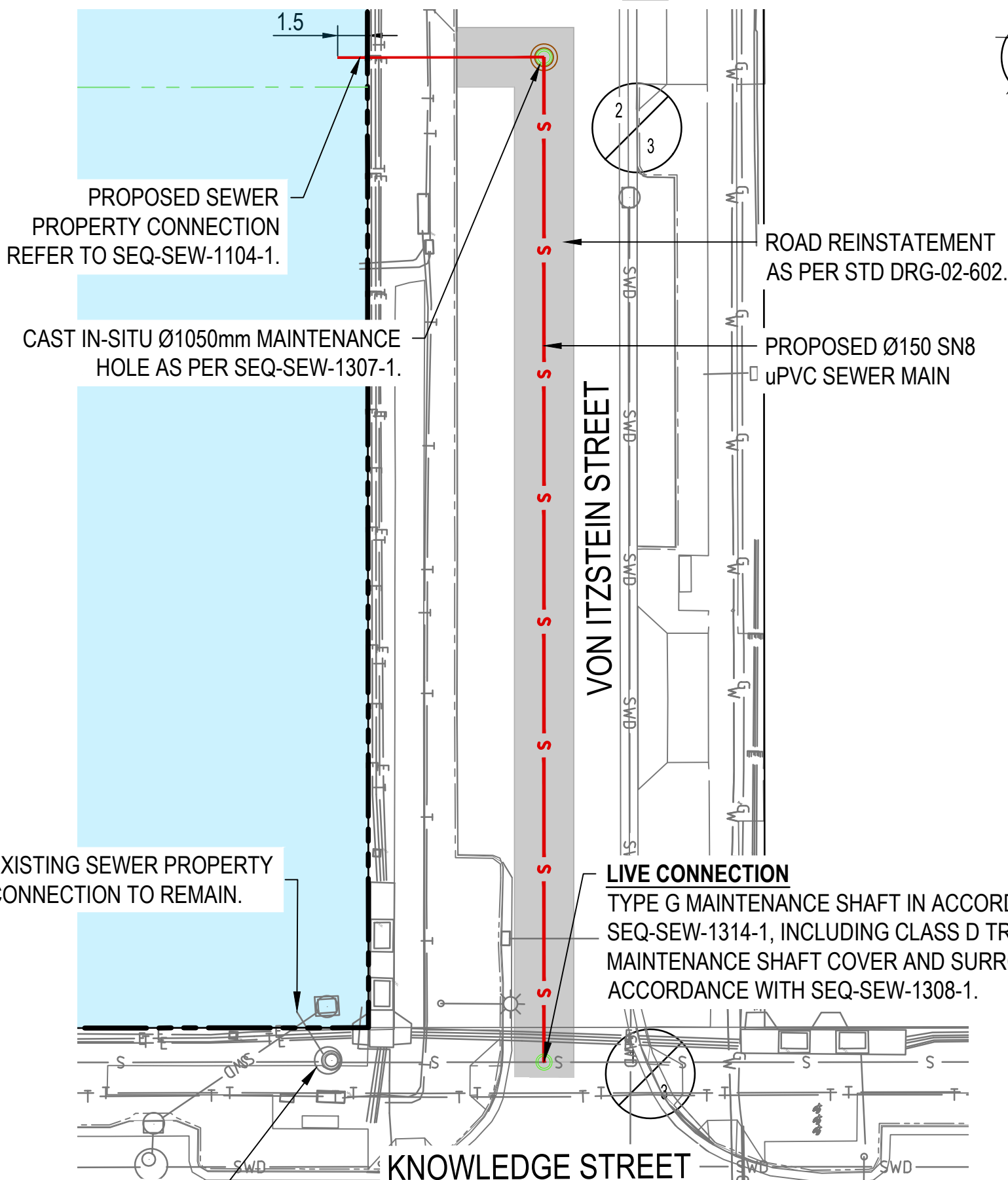
2

3



DETAIL SCALE 1:250

B



DETAIL SCALE 1:250

C

EXISTING UPSTREAM MANHOLE. PLUG UPSTREAM MAIN AND PROPERTY CONNECTION PRIOR TO COMMENCEMENT OF LIVE CONNECTION.

WARNING
FOR TELSTRA AND OPTUS OPTICAL FIBRE CABLES PHONE:
TELSTRA 1100 / OPTUS 1800 505 777
PRIOR TO COMMENCING EXCAVATION

NOTE:
CONTRACTOR TO BE RESPONSIBLE TO CONTACT RELEVANT AUTHORITIES AND CONFIRM LOCATION OF ALL SERVICES PRIOR TO COMMENCING WORKS ON SITE. CONTRACTOR TO CONFIRM ALL EXISTING SERVICE LEVELS & NOTIFY SUPERINTENDENT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

NOTES:

- REINSTATE ALL SURFACE WORKS TO ORIGINAL.
- ALL EXISTING SERVICES TO BE LOCATED, EXPOSED AND PROTECTED DURING WORKS.
- ROAD REINSTATEMENT TO BE AS PER COGC STANDARD DRAWING 02-602.
- EXCAVATION WORKS CARRIED OUT BY CONTRACTORS AT DEPTH OF 1.5m OR GREATER MUST PROVIDE A "SAFE WORK PLAN" AS PER WORKPLACE HEALTH AND SAFETY LEGISLATION TO SERVICE PROVIDER PRIOR TO COMMENCING ANY WORK.
- IT IS THE DEVELOPER'S RESPONSIBILITY TO ENSURE ALL LIVE SEWER WORKS ARE COMPLETE BEFORE ALLOWING PRIVATE DRAINAGE TO BE CONNECTED.
- ALL WORK ON EXISTING SEWERS TO BE CARRIED OUT BY THE CONTRACTOR UNDER THE SERVICE PROVIDER SUPERVISION AT THE DEVELOPER'S EXPENSE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING 721993-CI-001, GENERAL NOTES AND DETAILS.
- CONTRACTOR TO SURVEY SEWER LINES AT CONNECTION POINTS DURING SITE ESTABLISHMENT AND FORWARD TO ENGINEERS FOR ASSESSMENT PRIOR TO CONSTRUCTION.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH CoGC CITY PLAN POLICY SC6.11 - LAND DEVELOPMENT GUIDELINES AND WSA GRAVITY SEWER CODE OF AUSTRALIA - SEQ EDITION.
- REFER TO DWG CI-030 FOR WATER AND STORMWATER CONNECTION DETAILS.

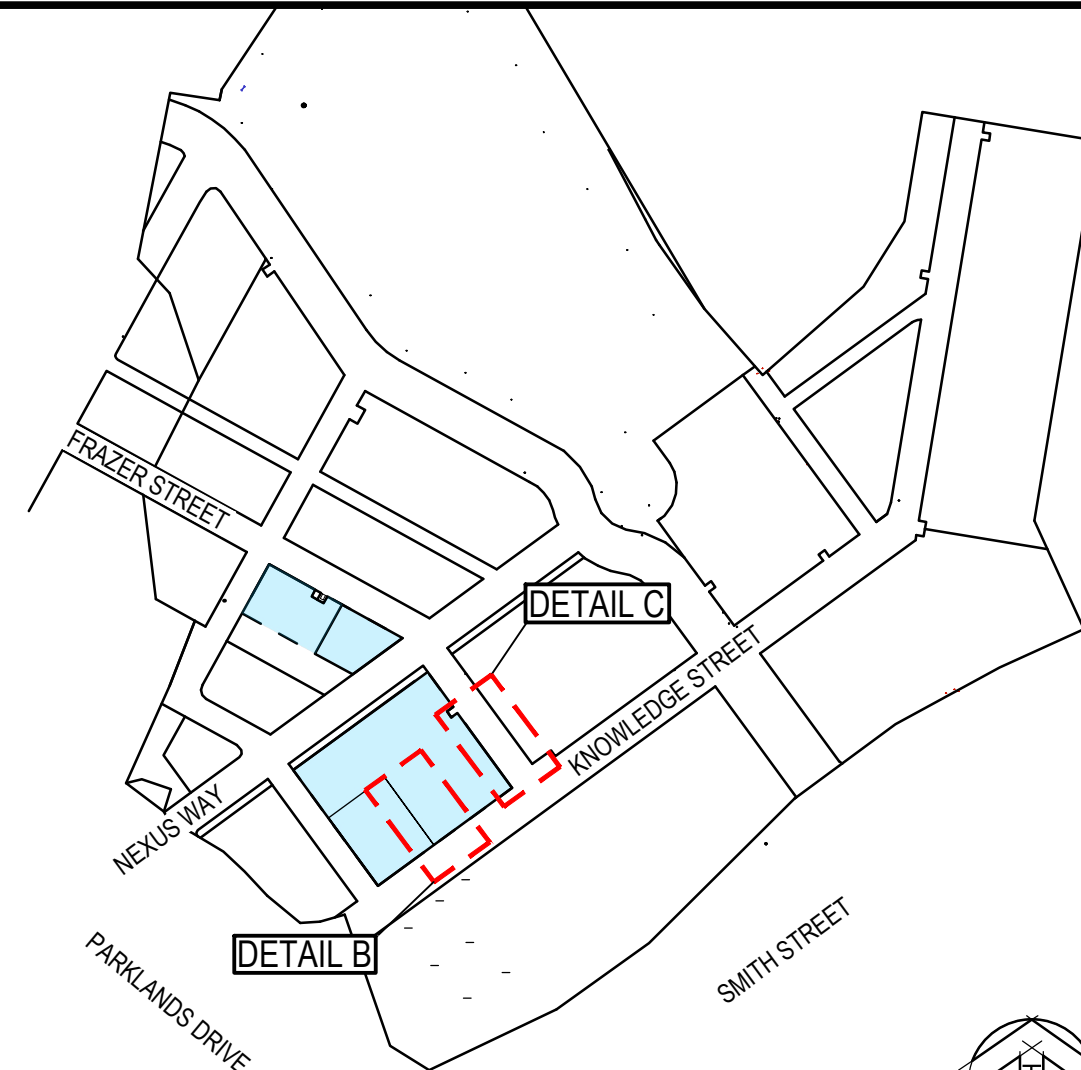
LEGEND:

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- E --- EXISTING ELECTRICITY
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- G --- EXISTING GAS MAIN
- PROPOSED STRUCTURE NUMBER

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL
Approval no: DEV2022/1319/4
Date: 15 September 2023

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Rev.	Date	Description	Des.	Verif.	Appd.
C	04/07/2023	MINOR SEWER EXTENSION.	DD	LH	LH
B	01/06/2023	PRIVATE EASEMENT. ISSUED FOR APPROVAL	DD	BF	LH
A	22/03/2022	ISSUED FOR APPROVAL	DD	BF	LH

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Drawn	Checkd	Designed	Verified	Approved
AH	LH	BF	BF	

Client: **EDQ - DSDT & I**

Project: **LUMINA FUTURE LOTS**

Title: **PRECINCT 3 SEWERAGE LAYOUT**

Status: **FOR APPROVAL**
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Datum	Scale	Size
AHD	AS SHOWN	A1

Drawing Number: **721993-CI-031** Revision: **C**