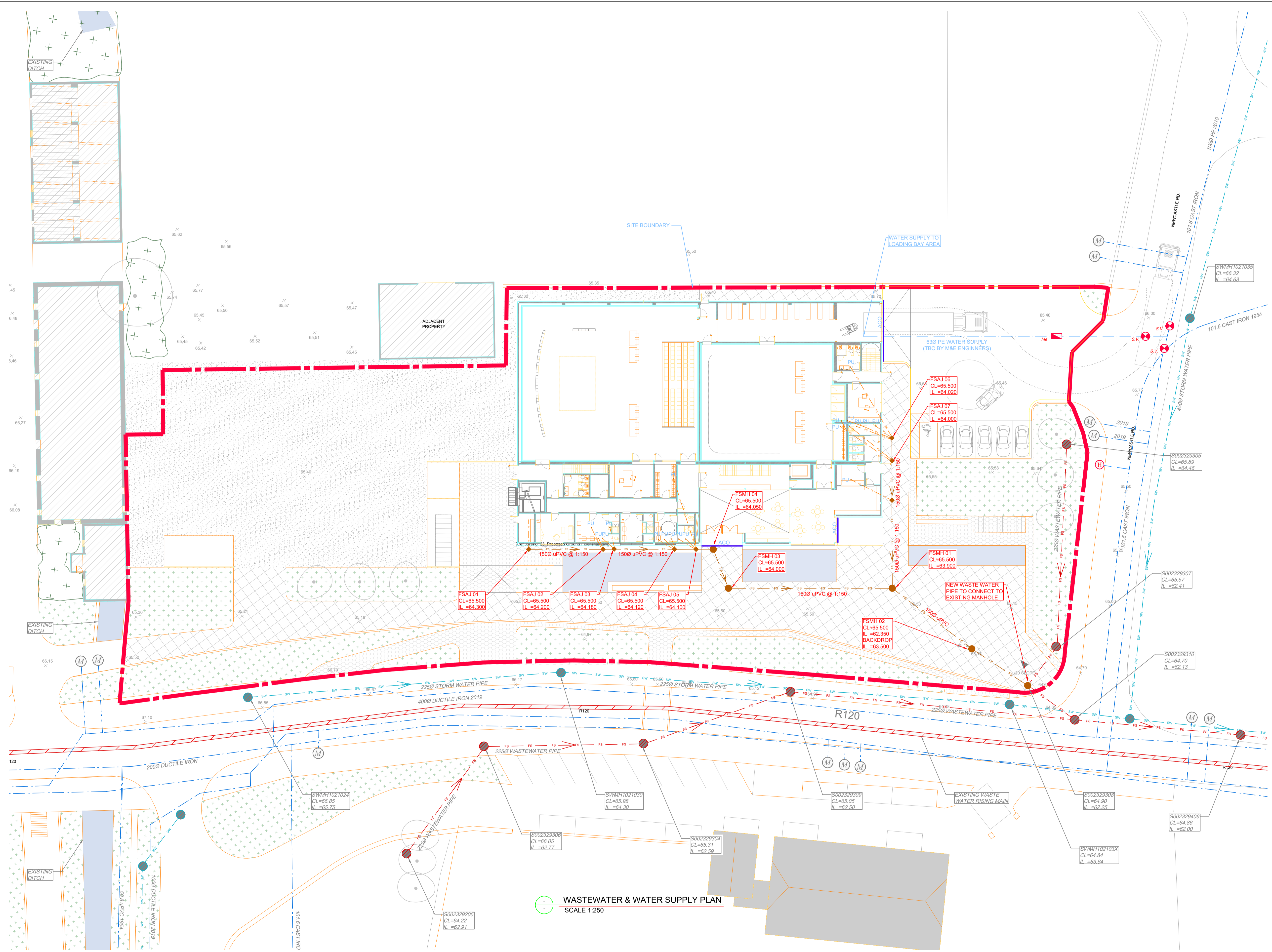


REVISION SCHEDULE				
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
PL1	ISSUED FOR PLANNING	13/12/2023	BF	KOM
PL2	ISSUED FOR PLANNING	27/02/2024	JPC	KOM



DRAINAGE LEGEND	
	WASTE WATER SEWER WITH MANHOLE (PUBLIC) EXISTING
	100 uPVC CONNECTION WITH POP UP (NEW)
	150 uPVC WASTE WATER SEWER WITH MANHOLE (NEW)
	WASTE WATER RISING MAIN (EXISTING/PUBLIC)
	WATERMAIN (EXISTING)
	63 PE WATER SUPPLY (NEW)
	FIRE HYDRANT (NEW)
	SLUICE VALVE (NEW)
	METER (NEW)
	FIRE HYDRANT (EXISTING)
	METER (EXISTING)

- DRAINAGE NOTES:**
1. READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS.
 2. ALL WATER SERVICES MANHOLES, PIPE MATERIALS AND OTHER FEATURES SHALL COMPLY WITH THE LOCAL AUTHORITY AND IRISH WATER CODES OF PRACTICE FOR THE RELEVANT ASSET
 3. WHERE COVER TO PIPES IS LESS THAN 1.2M IN ROADS, 1.0M IN PUBLIC AREAS AND 0.8M IN GRASSED/LANDSCAPED AREAS, SURROUND THE PIPE UP TO 150MM WITH 100MM CONCRETE AND LARGER PIPES WITH 150MM CONC.
 4. BACK-FILL TRENCHES IN ROADS WITH MOT STONE COMPACTED IN LAYERS.
 5. CLOSE ROAD GULLIES IN THE DIRECTION OF TRAFFIC FLOW.
 6. ADJUST FOUNDATION DEPTHS, AS NECESSARY, ADJACENT TO SEWERS TO AVOID UNDERMINING OF THE FOUNDATIONS.
 7. DO NOT SET OUT FROM THIS DRAWING. SETTING OUT TO BE DONE FROM ARCHITECT'S DRAWINGS.
 8. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH THE LA STANDARD PATTERN WITH MIN OPENING OF 600MM & WITH CLOSED KEYWAYS. HEAVY DUTY TYPE A MANHOLES IN ALL TRAFFICKED AREAS AND MEDIUM DUTY TYPE B ELSEWHERE, TO BS EN124. TYPE C MAY BE USED IN ENCLOSED PRIVATE GARDENS.
 9. DOUBLE GULLIES, WITH SEPARATE CONNECTIONS TO MAIN, TO BE PROVIDED AT LOW POINTS AND AT THE ENDS OF CUL DE SACS. MAXIMUM RUN OF PIPE 15M. MINIMUM PIPE DIAMETER 150MM. MAXIMUM GULLY SPACING FOR ROADS UP TO 7M WIDE TO BE 50M UNO.
 10. MANHOLES ON HOUSE DRAINS TO BE IN PRIVATE PROPERTY. HOUSE DRAINS SHALL NOT PASS THROUGH PROPERTY THEY DO NOT SERVE.
 11. RECORD DRAWINGS OF THE AS CONSTRUCTED WORK SHALL BE MADE AVAILABLE TO CORA AT THE END OF THE PROJECT.

- NOTES REGARDING EXISTING PUBLIC SEWERS:**
1. CONTRACTOR TO DETERMINE POSITION OF EXISTING SERVICES PRIOR TO ANY EXCAVATION WORK.
 2. LEVELS AND LAYOUT OF EXISTING DRAINAGE TO BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK. CONTRACTOR TO ALLOW FOR ANY INVESTIGATION WORK REQUIRED.
 3. CONTRACTOR TO ALLOW FOR INVESTIGATION WORK TO LOCATE EXISTING SERVICES AND PROVIDE NEW CONNECTION FROM PROPOSED EXTENSION TO DISCHARGE TO EXISTING WASTE WATER DRAINAGE SYSTEM.
 4. EXISTING WASTE WATER SEWER TO BE RETAINED - SUBJECT TO SUITABILITY. CONTRACTOR TO ALLOW FOR CCTV CAMERA SURVEY OF EXISTING NETWORK. ALL NEW CONNECTIONS TO BE FORMED STRICTLY IN ACCORDANCE WITH IRISH WATER DETAILS.

- NOTES:**
1. POP UPS, GULLIES AND OTHER FEATURES TO BE COORDINATE WITH PROJECT STAKEHOLDERS, EXTERNAL LANDSCAPING AND FINAL LEVELS TO BE CONFIRMED.
 2. CONTRACTOR TO REFER TO WATER CODE OF PRACTICE AND WATER STANDARD DETAILS FOR INSTALLATION AND REQUIREMENTS OF WATER MAIN COMPONENTS.
- <https://www.water.ie/connections/developer-services/standard-details-codes/>

WASTEWATER & WATER SUPPLY PLAN
SCALE 1:250

Drawing Stage:
PLANNING

Project Details:	
Site Address:	12th LOCK, LUCAN, Co. DUBLIN
Client:	SOUTH DUBLIN COUNTY COUNCIL
Architect:	SFA42 ARCHITECTS
M&E Designer:	-
Contractor:	-

Notes

Drawn by:	Checked by:	Approved by:	Date:
BF	KOM	KOM	13/12/2023
Project Name:	Scale:	Project Number:	
12th LOCK STUDIOS	A.S. @ A1	23764	
Drawing Title:	Project:	Originator:	Zone:
PROPOSED WASTEWATER & WATER SUPPLY PLAN	-	CORA	ZZ

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CORA
CONSULTING ENGINEERS

Level:	Type:	Discipline:	Drawing No:	Stage:	Revision:
00	DR	C	0002	-	PL2