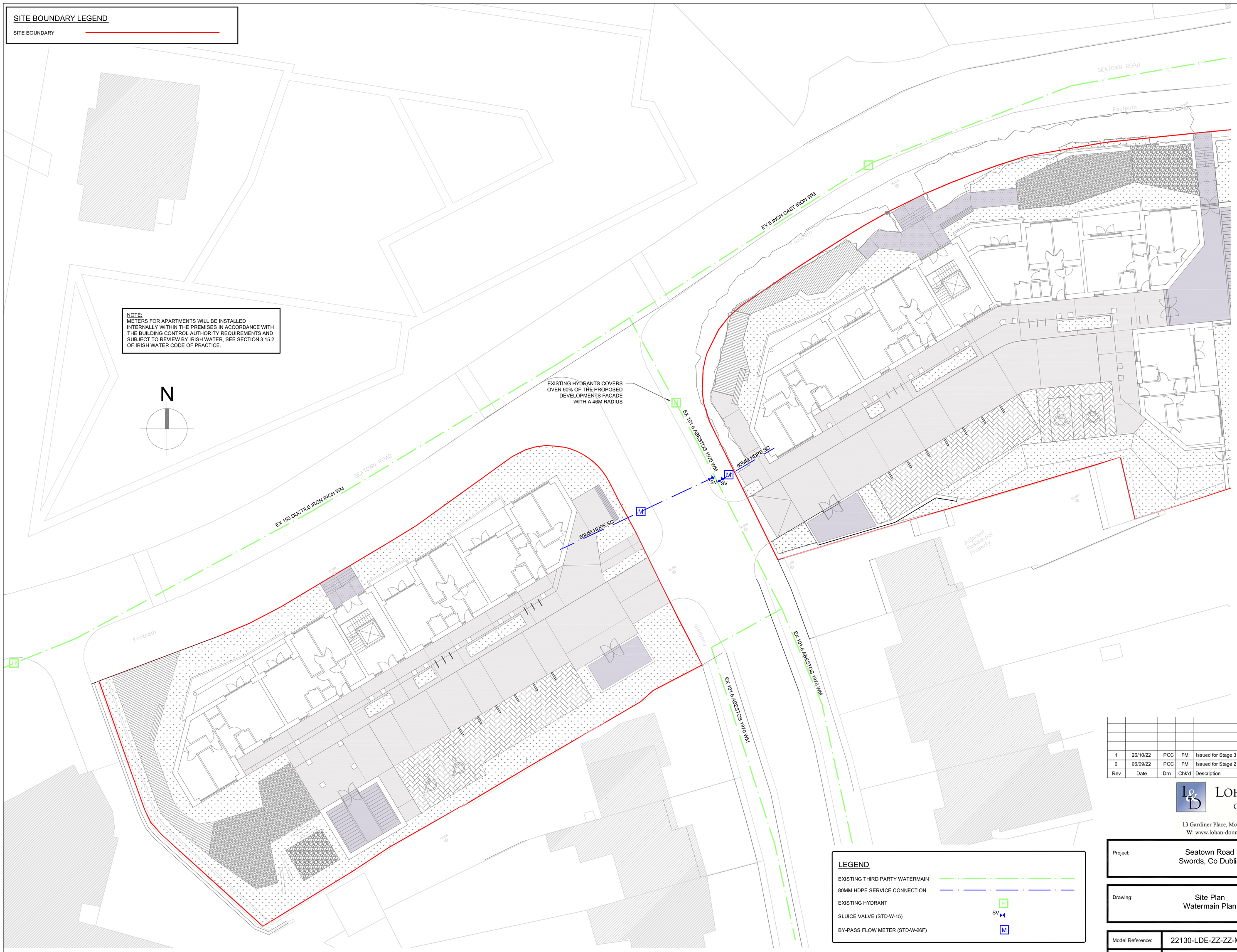
SITE BOUNDARY LEGEND

SITE BOUNDARY

NOTE:
METERS FOR APARTMENTS WILL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROL AUTHORITY REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER. SEE SECTION 3.15.2 OF IRISH WATER CODE OF PRACTICE.



SITE PLAN - WATERMAIN PLAN

SCALE 1:200

NOTES:

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DETAIL DRAWINGS AND SPECIFICATIONS.

DO NOT SCALE DIMENSIONS, REFER TO ARCHITECTS DRAWINGS FOR ALL SETTING OUT DIMENSIONS. WORK TO FIGURED DIMENSIONS ONLY.

THE ENGINEER IS TO BE AFFORDED SUFFICIENT TIME TO CARRY OUT INSPECTIONS OF THE WORKS IN ACCORDANCE WITH THE PROJECT INSPECTION PLAN AND INSPECTION NOTIFICATION FRAMEWORK.

ALL CONSTRUCTION PRODUCTS TO HAVE RELEVANT CE MARKING WHERE APPLICABLE.

ALL CONTRACTORS OR SUB-CONTRACTORS RESPONSIBLE FOR SPECIALIST DESIGN MUST PROVIDE PROFESSIONAL INDEMNITY INSURANCES, ANCILLARY CERTIFICATES FOR DESIGN AND ANCILLARY CERTIFICATES FOR INSPECTION IN ACCORDANCE WITH BCAR 2014.

GRANULAR MATERIAL

ALL GRANULAR FILL PLACED ONSITE MUST COMPLY WITH SR21:2014 + A1:2016 AND IS888:2016.

ALL GRANULAR FILL MUST BE ROLLED AND COMPACTED IN ACCORDANCE WITH TII SPECIFICATION FOR ROADWORKS.

THE CONTRACTOR MUST PROVIDE CERTIFICATES AND DELIVERY DOCKETS FOR ALL GRANULAR FILL MATERIAL PLACED ONSITE AND ALL MATERIAL PLACED DISPOSED OFFSITE.

WATERMAIN

WATERMAIN LAYOUT TO BE IN COMPLIANCE WITH IRISH WATER CODES OF PRACTICE AND STANDARD DETAILS.

DEPTH OF WATERMAIN IS NOT TO BE LESS THAN 900mm AT ANY POINT. IF THE DEPTH IS LESS THAN 900MM AT ANY LOCATION, IRISH WATER SHOULD BE NOTIFIED

BACKFILL FOR ALL uPVC/PE PIPES TO BE FREE FROM STONE EXCEEDING 50mm FOR 300mm ABOVE GRANULAR SURROUND.

ALL REINSTATEMENT WORKS TO BE IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS (AS SHOWN ON STANDARD DETAIL STD-W-13)

ALL MANHOLES COVERS AND FRAME ARE TO BE CLASS B125 TO BS EN 124 U.N.O.

HYDRANTS IN GRASS AREAS TO BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP, FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE AND BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER

LEGEND

EXISTING THIRD PARTY WATERMAIN	
80MM HDPE SERVICE CONNECTION	
EXISTING HYDRANT	H
SLUICE VALVE (STD-W-15)	SV
BY-PASS FLOW METER (STD-W-26F)	M

Rev	Date	Drn	Chk'd	Description
1	26/10/22	POC	FM	Issued for Stage 3 Part 8
0	06/09/22	POC	FM	Issued for Stage 2 Part 8

LOHAN & DONNELLY
Consulting Engineers
13 Gardiner Place, Mountjoy Square, Dublin 1. T: 01 8787770
W: www.lohan-donnelly.com E: info@lohan-donnelly.com

Project:	Seatown Road Swords, Co Dublin
Drawing:	Site Plan Watermain Plan
Model Reference:	22130-LDE-ZZ-ZZ-M2-SC-0001
Drawing Reference:	22130-LDE-ZZ-00-DR-SC-1C02

Project No.	22130
Drg. No.	C02
Scale	@A1
Date	Sept 2022
Drawn	POC
Rev.	1
Model Rev:	0
Suitability:	S2