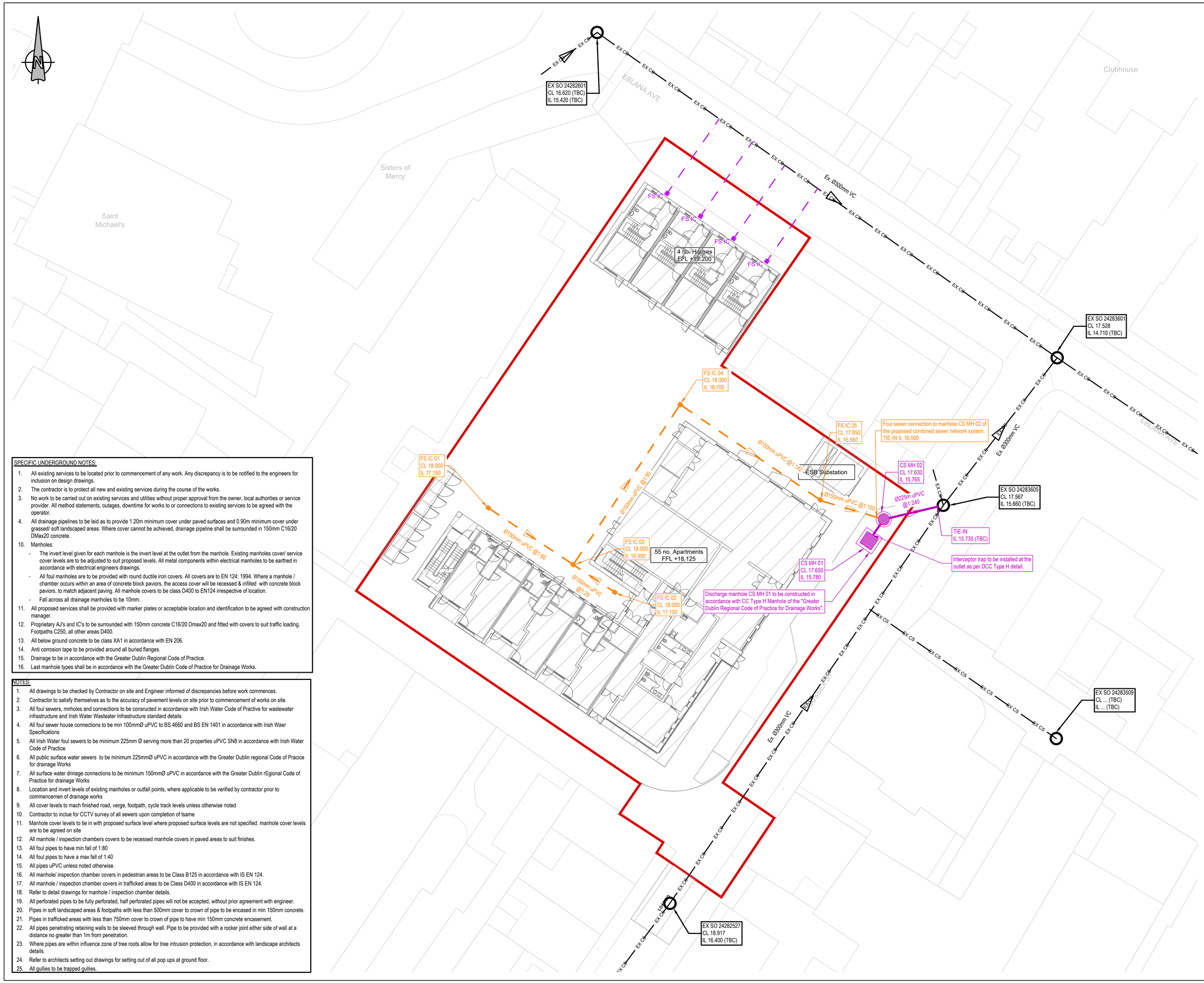

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO DRAWING.

LEGEND

- PROPOSED NEW PUBLIC FOUL WATER MANHOLE/SEWER
- PROPOSED NEW PRIVATE FOUL INSPECTION CHAMBER / SEWER (Ø150mm uPVC)
- PROPOSED PUBLIC COMBINED WATER MANHOLE / SEWER
- EXISTING COMBINED WATER SEWER
- EXISTING COMBINED WATER SEWER (TO BE ABANDONED)
- SITE SUBJECT TO PLANNING APPLICATION
- PROPOSED BUILDINGS
- PROPOSED SOFT LANDSCAPED AREAS

SPECIFIC UNDERGROUND NOTES:

1. All existing services to be located prior to commencement of any work. Any discrepancy is to be notified to the engineers for inclusion on design drawings.
2. The contractor is to protect all new and existing services during the course of the works.
3. No work to be carried out on existing services and utilities without proper approval from the owner, local authorities or service provider. All method statements, outages, downtime for works to or connections to existing services to be agreed with the operator.
4. All drainage pipelines to be laid as to provide 1.20m minimum cover under paved surfaces and 0.90m minimum cover under grassed/ soft landscaped areas. Where cover cannot be achieved, drainage pipeline shall be surrounded in 150mm C16/20 DMax20 concrete.
10. Manholes:
    - The invert level given for each manhole is the invert level at the outlet from the manhole. Existing manholes cover/ service cover levels are to be adjusted to suit proposed levels. All metal components within electrical manholes to be earthed in accordance with electrical engineers drawings.
    - All foul manholes are to be provided with round ductile iron covers. All covers are to EN 124: 1994. Where a manhole / chamber occurs within an area of concrete block paviors, the access cover will be recessed & infilled with concrete block paviors, to match adjacent paving. All manhole covers to be class D400 to EN124 irrespective of location.
    - Fall across all drainage manholes to be 10mm.
11. All proposed services shall be provided with marker plates or acceptable location and identification to be agreed with construction manager.
12. Proprietary AJ's and IC's to be surrounded with 150mm concrete C16/20 Dmax20 and fitted with covers to suit traffic loading. Footpaths C250, all other areas D400.
13. All below ground concrete to be class XA1 in accordance with EN 206.
14. Anti corrosion tape to be provided around all buried flanges.
15. Drainage to be in accordance with the Greater Dublin Regional Code of Practice.
16. Last manhole types shall be in accordance with the Greater Dublin Code of Practice for Drainage Works.

NOTES:

1. All drawings to be checked by Contractor on site and Engineer informed of discrepancies before work commences.
2. Contractor to satisfy themselves as to the accuracy of pavement levels on site prior to commencement of works on site.
3. All foul sewers, mnholes and connections to be consructed in accordance with Irish Water Code of Practive for wastewater infrastructure and Irish Water Wasteater Infrastructure standard details
4. All foul sewer house connections to be min 100mmØ uPVC to BS 4660 and BS EN 1401 in accordance with Irish Waer Specifications
5. All Irish Water foul sewers to be minimum 225mm Ø serving more than 20 properties uPVC SN8 in accordance with Irish Water Code of Practice
6. All public surface water sewers to be minimum 225mmØ uPVC in accordance with the Greater Dublin regional Code of Pracice for drainage Works
7. All surface water drinage connections to be minimum 150mmØ uPVC in accordance with the Greater Dublin rEgional Code of Practice for drainage Works
8. Location and invert levels of existing manholes or outfall points, where applicable to be verified by contractor prior to commencemen of drainage works
9. All cover levels to mach finished road, verge, footpath, cycle track levels unless otherwise noted
10. Contractor to inclue for CCTV survey of all sewers upon completion of tsame
11. Manhole cover levels to tie in with proposed surface level where proposed surface levels are not specified. manhole cover levels are to be agreed on site
12. All manhole / inspection chambers covers to be recessed manhole covers in paved areas to suit finishes.
13. All foul pipes to have min fall of 1:80
14. All foul pipes to have a max fall of 1:40
15. All pipes uPVC unless noted otherwise.
16. All manhole/ inspection chamber covers in pedestrian areas to be Class B125 in accordance with IS EN 124.
17. All manhole / inspection chamber covers in trafficked areas to be Class D400 in accordance with IS EN 124.
18. Refer to detail drawings for manhole / inspection chamber details.
19. All perforated pipes to be fully perforated, half perforated pipes will not be accepted, without prior agreement with engineer.
20. Pipes in soft landscaped areas & footpaths with less than 500mm cover to crown of pipe to be encased in min 150mm concrete.
21. Pipes in trafficked areas with less than 750mm cover to crown of pipe to have min 150mm concrete encasement.
22. All pipes penetrating retaining walls to be sleeved through wall. Pipe to be provided with a rocker joint either side of wall at a distance no greater than 1m from penetration.
23. Where pipes are within influence zone of tree roots allow for tree intrusion protection, in accordance with landscape architects details.
24. Refer to architects setting out drawings for setting out of all pop ups at ground floor.
25. All gullies to be trapped gullies.

Rev:	Description:	Date:	By:	Chkd:
P01	PART 8 PLANNING	23/02/26	PB	KF

Curtins

Civil & Structures • Transport Planning • Environmental • Infrastructure • Geotechnical • Conservation & Heritage • Principal Designer
Birmingham • Bristol • Cambridge • Cardiff • Douglas • Dublin • Edinburgh • Glasgow • Kendal • Leeds • Liverpool • London • Manchester • Nottingham

Status: PART 8 PLANNING

Client: DUN LAOGHAIRE RATHDOWN COUNTY COUNCIL

Project: HOUSING DEVELOPMENT AT THE BOYLAN CENTRE

Drg Title: PROPOSED FOUL WATER DRAINAGE

Drawn By	Designed By	Checked By
PB	PB	KF
Project No	Date: 23/02/26	Scales @ A1: 1:200

Project Code - Originator - Function - Spatial - Form - Discipline - Number: 088035 - CUR - 00 - XX - DR - C - 92001

Revision: P01

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