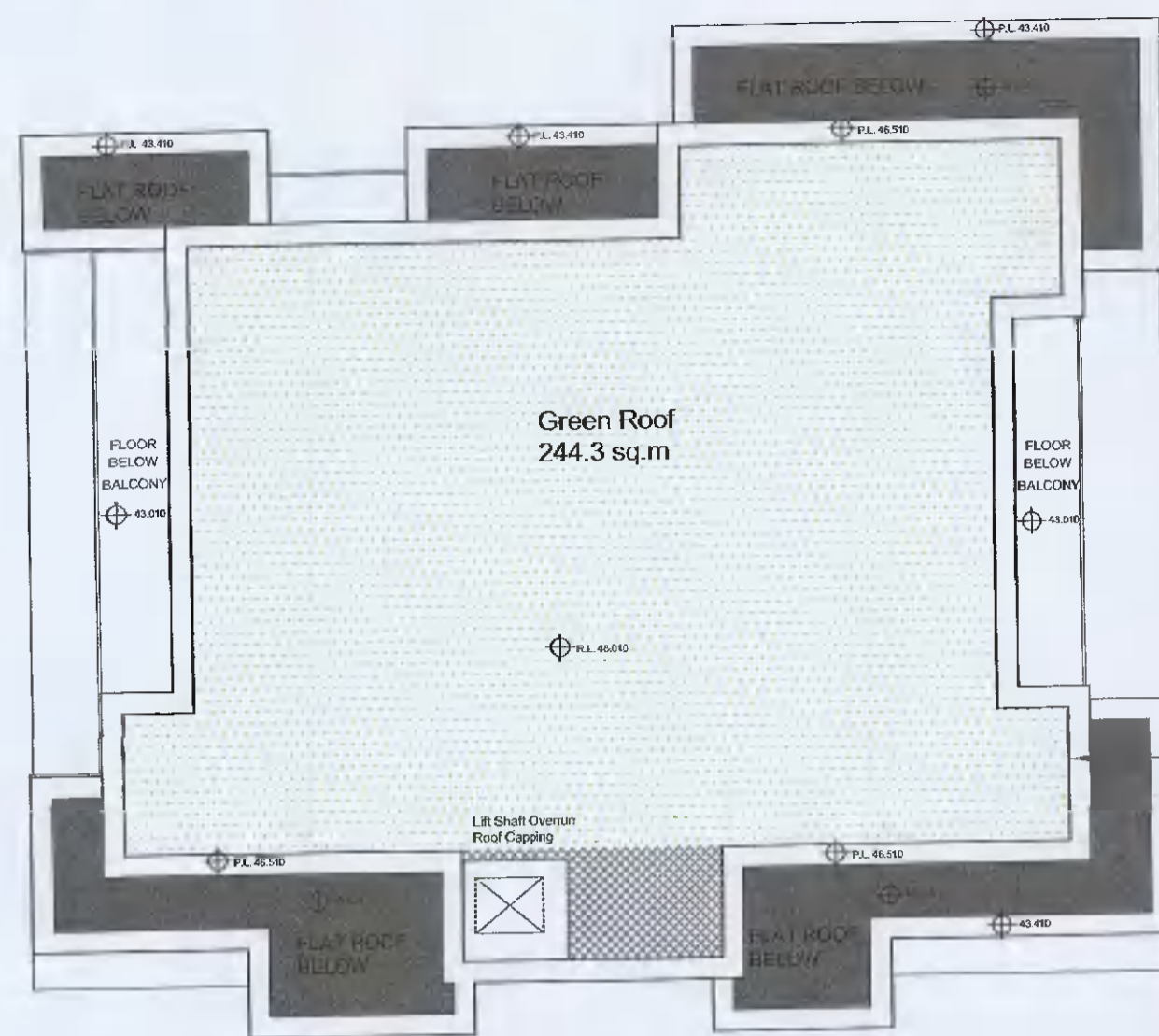


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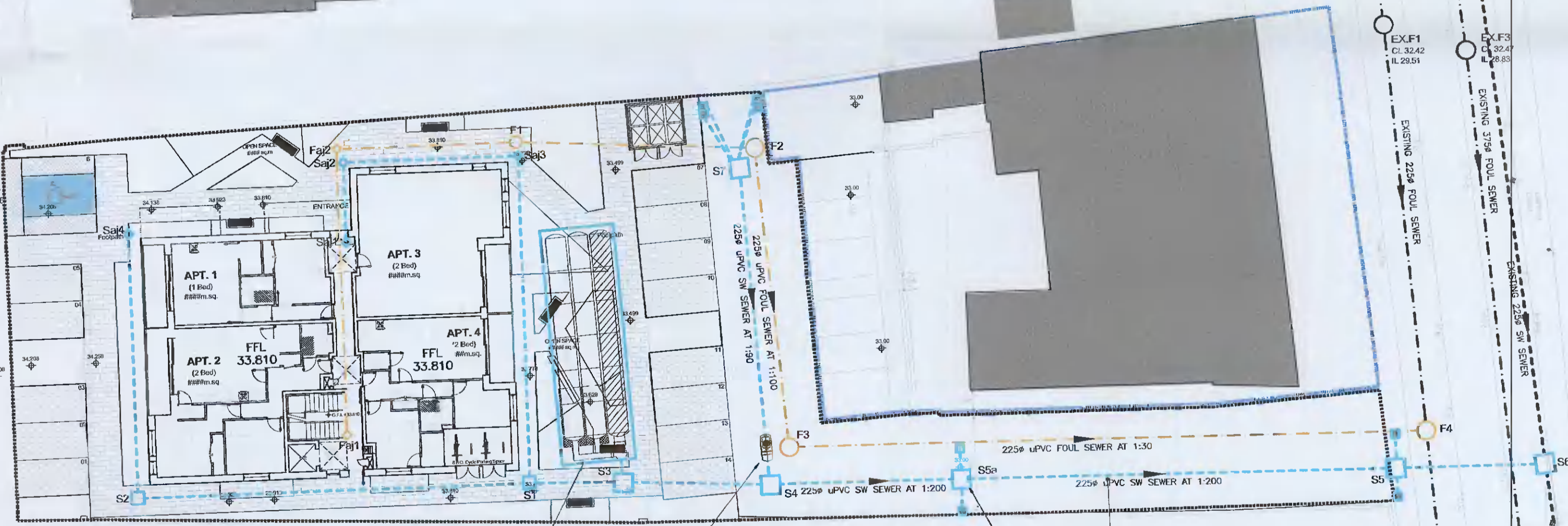
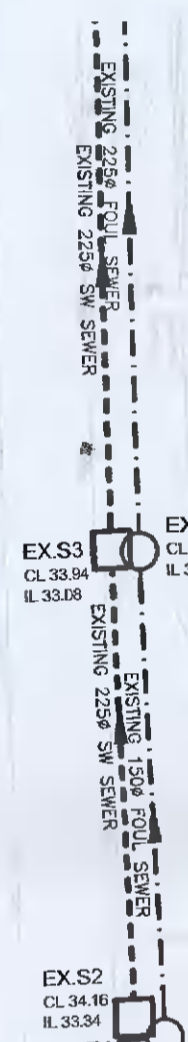
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 PROCEEDS.



ROOF LAYOUT PLAN
 SCALE 1:150

EXTENT OF SEDUM
 GREEN ROOF INDICATED
 BY GREEN HATCH



STORMTECH DC780 ARCHED CHAMBERS
 SW ATTENUATION TANK
 13.5m x 4.8 x 0.910m DEEP (PROVIDING
 47.7m³ STORAGE) (1:100 YR + 20%)
 I.L. = 31.560 I.W.L. = 32.47m AOD

KLARGESTAR TYPE
 NISES PETROL
 INTERSECTOR OR
 SIMILAR APPROVED

SHARDED SURFACE
 HYDROBRAKE ON OUTLET OF SS6
 TO RESTRICT FLOW TO 1.43 L/S
 (0.6m³)

DRAINAGE LEGEND:

- PROPOSED SURFACE WATER PIPE
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED ROAD GULLY
- PROPOSED SW ACCESS JUNCTION (A.J.)
- EXISTING SURFACE WATER PIPE
- EXISTING SURFACE WATER MANHOLE
- PROPOSED FOUL WATER PIPE
- PROPOSED FOUL WATER MANHOLE
- PROPOSED FOUL ACCESS JUNCTION (A.J.)
- EXISTING FOUL PIPE
- EXISTING FOUL MANHOLE

FOUL SEWER

NAME	CL	EIL	IL	DIST	FALL	PIPE	DEPTH
F(x)	m	m	m	m	1:(x)	DIAMETER	mm
Faj1	33.810		33.410				0.400
Faj2	33.810	33.162	33.162	18.600	75	150	0.648
F1	33.780	32.772	32.290	11.700	30	150	1.490
F2	33.220	31.770	31.770	15.600	30	150	1.450
F3	33.270	31.573	31.573	19.700	100	225	1.687
F4	32.040	30.183	29.406	41.700	30	225	2.634

SW SEWER

NAME	CL	EIL	IL	DIST	FALL	PIPE	DEPTH
S(x)	m	m	m	m	1:(x)	DIAMETER	mm
Saj1	33.810		33.510				0.300
Saj2	33.810	33.380	33.380	5.200	40	100	0.430
Saj3	33.780	33.188	33.188	11.500	60	100	0.582
S1	33.780	32.833	32.764	21.300	60	100	1.016
S3	33.780	32.723	31.560	6.100	150	150	2.220
SW ATT	33.650	31.560	31.560	1.500			2.090
SW ATT	33.650		31.560				2.090
S3	33.780	31.560	31.560	1.500		225	2.220
S4	33.780	31.512	31.512	9.700	200	225	2.269
SSa	33.100	31.448	31.448	12.700	200	225	1.652
SS	32.050	31.306	31.306	28.500	200	225	0.744
SS	32.000	31.257	31.061	9.800	200	225	0.938
Saj4	34.260		33.960				0.300
S2	34.260	33.614	33.614	17.300	50	100	0.646
S1	33.780	32.764	32.764	25.500	30	100	1.016
S7	33.230		31.780				1.450
S4	33.270	31.549	31.512	20.800	90	225	1.759

Rev	Date	Description	By	Chkd
A	22.06.21	NEW LAYOUT PLAN	AM	RC

Client
GERRY TEAGUE

Project Title
**PROPOSED RESIDENTIAL DEVELOPMENT AT
 BALL ALLEY HOUSE, LEXILP ROAD,
 LUCAN, CO. DUBLIN**

Drawing Title
**SURFACE WATER & FOUL DRAINAGE
 LAYOUT PLAN**

Architect
CDP ARCHITECTS

Scale 1:250@A1 Date JUNE 2021

Drawn AM Chkd RC

Cad File: S3DRAWINGS1

Drawing Status Job Number Drawing Number Revis

MOLONY MILLAR
 Consulting Civil and
 Structural Engineers

Riverbank House
 Ballyboden Road
 Rathfarnham
 Dublin 14
 Ireland

Tel (353-1) 4930211
 Fax (353-1) 4930215

email info@molonymillar
 Web www.molonymillar