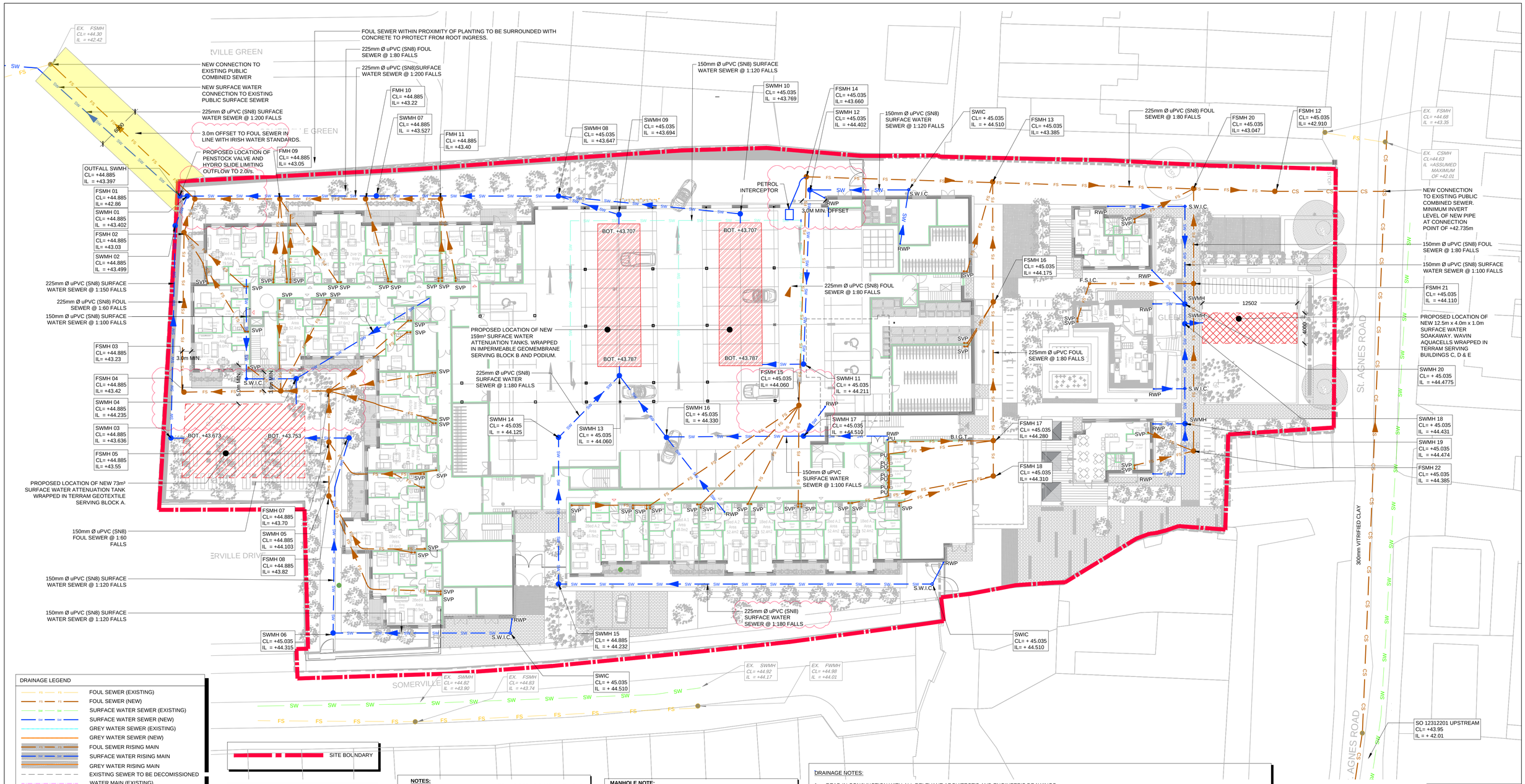

DRAINAGE LEGEND

- FOUL SEWER (EXISTING)
- FOUL SEWER (NEW)
- SURFACE WATER SEWER (EXISTING)
- SURFACE WATER SEWER (NEW)
- GREY WATER SEWER (EXISTING)
- GREY WATER SEWER (NEW)
- FOUL SEWER RISING MAIN
- SURFACE WATER RISING MAIN
- GREY WATER RISING MAIN
- EXISTING SEWER TO BE DECOMISSIONED
- WATER MAIN (EXISTING)
- WATER MAIN (PROPOSED)
- FLOOD PIPES (PROPOSED)
- FSMH FOUL SEWER MANHOLE (NEW)
- SWMH SURFACE WATER MANHOLE (NEW)
- EX. FSMH FOUL SEWER MANHOLE (EXISTING)
- EX. SWMH SURFACE WATER MANHOLE (EXISTING)
- MH MANHOLE TO BE DEMOLISHED (EXISTING)
- RWP RAIN WATER DOWN PIPE
- P.U. POP UP
- SVP SOIL VENT PIPE
- F.S.I.C. FOUL SEWER INSPECTION CHAMBER
- S.W.I.C. SURFACE WATER INSPECTION CHAMBER
- E.I.C. EXISTING INSPECTION CHAMBER
- G.T. GULLY TRAP
- F.G. FLOOR GULLY
- B.I.G.T. BACK INLET GULLY TRAP
- ACO ACO DRAINAGE CHANNEL

SITE BOUNDARY

LEGEND:

DENOTES AREA FOR ATTENUATION TANK CONSTRUCTED FROM WAVIN AQUACELLS AND SURROUNDED BY IMPERMEABLE GEOMEMBRANE .

DENOTES AREA FOR ATTENUATION TANK CONSTRUCTED FROM WAVIN AQUACELLS AND SURROUNDED BY TERRAM GEOTEXTILE.

DENOTES AREA FOR SURFACE WATER SOAKAWAY CONSTRUCTED FROM WAVIN AQUACELLS AND SURROUNDED BY TERRAM GEOTEXTILE.

NOTE:

ALL FINAL MANHOLES BEFORE ATTENUATION STORAGE ARES TO BE FITTED WITH SILT TRAPS TO PREVENT SEDIMENT ENTERING AQUACELL TANKS.

NOTES:

- ALL FOUL PIPES ARE 225mm Ø uPVC (SN8) @ 1:100 U.N.O.
- ALL SURFACE WATER PIPES ARE 225mm Ø uPVC (SN8) @ 1:150 U.N.O.

MAINS WATER NOTE:

MAINS WATER STORAGE TO BLOCKS A & B TO BE FITTED WITH ISOLATION DEVICE USING A CONNECTION VIA AN UNRESTRICTED AIR-GAP DEVICE (AA Type device, IS EN 1717) TO PREVENT BACK FLOW CONTAMINATION.

CONNECTIONS NOTE:

WASTE WATER AND MAINS WATER CONNECTION AGREEMENT TO BE MADE WITH IRISH WATER PRIOR TO INSTALLATION OF OUTFALL CONNECTIONS TO PUBLIC NETWORK.

MANHOLE NOTE:

WHERE MANHOLES ARE LOCATED IN SOFT LANDSCAPING; COVERS ARE TO BE IDENTIFIABLE WITH REGULAR CUTTING BACK OF GRASS TO REMAIN ACCESSIBLE. COVERS ARE TO BE SURROUNDED BY A 200MM WIDE 100MM DEEP CONCRETE PLINTH MINIMUM C20/25 CONCRETE.

PIPE WORK NOTE:

WHERE PIPE WORK IS LOCATED WITHIN 3.0m OF LANDSCAPE, PIPE TO BE SURROUNDED IN 150mm OF CONCRETE. REFER TO IRISH WATER STANDARD DETAILS STD-WW-06 AND STD-W-12 FOR RESTRICTIONS ON PLANTING ADJACENT TO WASTE WATER AND WATER MAINS INFRASTRUCTURE.

DRAINAGE NOTES:

1. READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS.
2. MANHOLE AND ROAD GULLY DETAILS TO COMPLY WITH DUBLIN CITY COUNCIL AND IRISH WATER'S STANDARD DETAILS.
3. ALL PIPES TO BE WAVIN uPVC OR SIMILAR SAVE FOR SEWERS IN PUBLIC ROADWAY WHICH ARE TO BE CLAY.
4. 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.
5. BACK-FILL TRENCHES IN ROADS WITH MOT STONE COMPACTED IN LAYERS.
6. CLOSE ROAD GULLIES IN THE DIRECTION OF TRAFFIC FLOW.
7. ADJUST FOUNDATION DEPTHS, AS NECESSARY, ADJACENT TO SEWERS TO AVOID UNDERMINING OF THE FOUNDATIONS.
8. DO NOT SET OUT FROM THIS DRAWING. SETTING OUT TO BE DONE FROM ARCHITECT'S DRAWINGS.
9. 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.
10. 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.
11. MANHOLES ON HOUSE DRAINS TO BE IN PRIVATE PROPERTY. HOUSE DRAINS SHALL NOT PASS THROUGH PROPERTY THEY DO NOT SERVE.
12. RECORD DRAWINGS OF THE AS CONSTRUCTED WORK SHALL BE MADE AVAILABLE TO CORA AT THE END OF THE PROJECT.

REVISION SCHEDULE

REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
P07	PLANNING ISSUE	09/09/2021	TGB	AG
P08	REVISED PLANNING ISSUE	29/09/2021	BD	AG
P09	UPDATED ARCHITECTURAL B.GROUND	01/10/2021	BD	AG
P10	UPDATED ARCHITECTURAL B.GROUND	30/03/2022	TGB	AG
P11	I.W. UPDATE FOR PLANNING	06/05/2022	AG	JP
P12	I.W. UPDATED FOR PLANNING	16/05/2022	AG	JP

Drawing Stage: PLANNING

Project Details:	
Site Address:	GLEBE HOUSE, St. AGNES ROAD, CRUMLIN, DUBLIN 12
Client:	SEABREN DEVELOPMENTS LTD & CIRCLE VHA
Architect:	REDDY ARCHITECTURE & URBANISM
M&E Designer:	-
Contractor:	-

Notes

Drawn by:	Checked by:	Approved by:	Date:
BD	AG	JP	01/07/2020

Project Name: GLEBE HOUSE

Scale: 1:250 @ A1

Project Number: 1968

Drawing Title: PROPOSED DRAINAGE GENERAL ARRANGEMENT

Project:	Originator:	Zone:	Level:	Type:	Discipline:	Drawing No:	Stage:	Revision:
-	CORA	-	00	DR	C	002	P	10

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