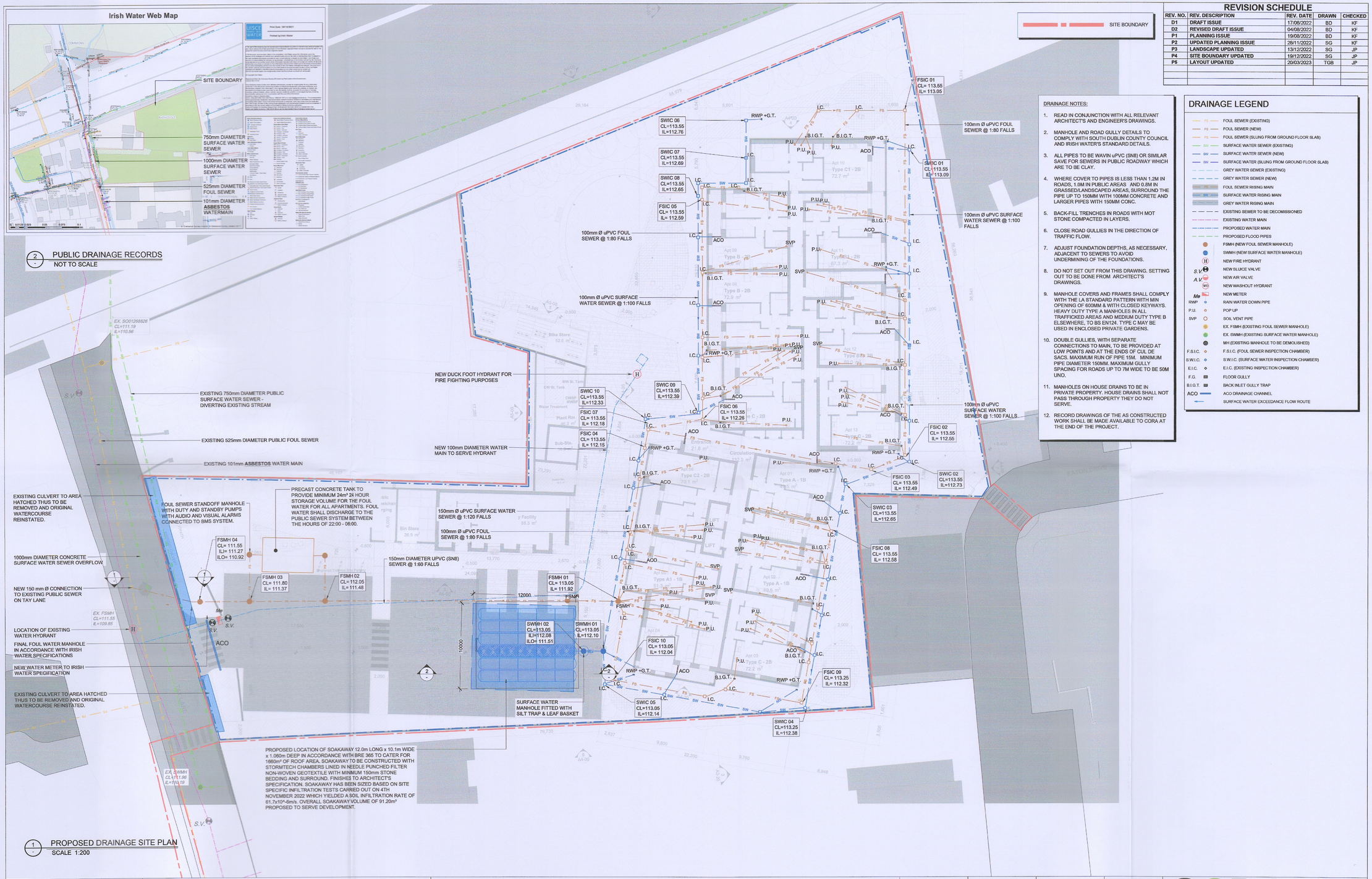
Irish Water Web Map

2 PUBLIC DRAINAGE RECORDS
NOT TO SCALE



1 PROPOSED DRAINAGE SITE PLAN
SCALE 1:200

REVISION SCHEDULE

REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
D1	DRAFT ISSUE	17/06/2022	BD	KF
D2	REVISED DRAFT ISSUE	04/08/2022	BD	KF
P1	PLANNING ISSUE	19/08/2022	BD	KF
P2	UPDATED PLANNING ISSUE	28/11/2022	SG	KF
P3	LANDSCAPE UPDATED	13/12/2022	SG	JP
P4	SITE BOUNDARY UPDATED	19/12/2022	SG	JP
P6	LAYOUT UPDATED	20/03/2023	TGB	JP

DRAINAGE NOTES:

1. READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS.
2. MANHOLE AND ROAD GULLY DETAILS TO COMPLY WITH SOUTH DUBLIN COUNTY COUNCIL AND IRISH WATER'S STANDARD DETAILS.
3. ALL PIPES TO BE WAVIN uPVC (SN8) 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.

DRAINAGE LEGEND

- FS — FOUL SEWER (EXISTING)
- FS — FOUL SEWER (NEW)
- FS — FOUL SEWER (SLUNG FROM GROUND FLOOR SLAB)
- SW — SURFACE WATER SEWER (EXISTING)
- SW — SURFACE WATER SEWER (NEW)
- SW — SURFACE WATER (SLUNG FROM GROUND FLOOR SLAB)
- GREY WATER SEWER (EXISTING)
- GREY WATER SEWER (NEW)
- FS — FOUL SEWER RISING MAIN
- SW — SURFACE WATER RISING MAIN
- GREY WATER RISING MAIN
- EXISTING SEWER TO BE DECOMMISSIONED
- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- PROPOSED FLOOD PIPES
- FSMH (NEW FOUL SEWER MANHOLE)
- SWMH (NEW SURFACE WATER MANHOLE)
- H — NEW FIRE HYDRANT
- S.V. — NEW SLUICE VALVE
- A.V. — NEW AIR VALVE
- WO — NEW WASHOUT HYDRANT
- Me — NEW METER
- RWP — RAIN WATER DOWN PIPE
- P.U. — POP UP
- SVP — SOIL VENT PIPE
- EX. FSMH (EXISTING FOUL SEWER MANHOLE)
- EX. SWMH (EXISTING SURFACE WATER MANHOLE)
- MH (EXISTING MANHOLE TO BE DEMOLISHED)
- F.S.I.C. — F.S.I.C. (FOUL SEWER INSPECTION CHAMBER)
- S.W.I.C. — S.W.I.C. (SURFACE WATER INSPECTION CHAMBER)
- E.I.C. — E.I.C. (EXISTING INSPECTION CHAMBER)
- F.G. — FLOOR GULLY
- B.I.G.T. — BACK INLET GULLY TRAP
- ACO — ACO DRAINAGE CHANNEL
- SURFACE WATER EXCEEDANCE FLOW ROUTE

Drawing Stage:	Project Details:	
PLANNING	Site Address:	ST. BRIDGETS TAYLANE, RATHCOOLE, CO. DUBLIN
	Client:	RIVERSIDE PROJECTS Ltd.
	Architect:	PAC STUDIO
	M&E Designer:	-
	Contractor:	-

Notes

Drawn by:	Checked by:	Approved by:	Date:
SG	JP	JP	08/11/2021

Project Name:	Scale:	Project Number:
ST. BRIDGETS TAYLANE, RATHCOOLE	1:50 @ A1	2127

Drawing Title:	Project:	Originator:	Zone:	Level:	Type:	Discipline:	Drawing No:	Stage:	Revision:
PROPOSED DRAINAGE SITE PLAN	-	CORA	-	-	DR	C	001	P	05

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