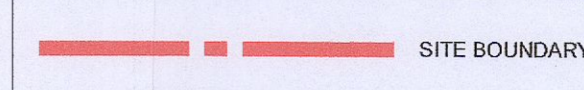
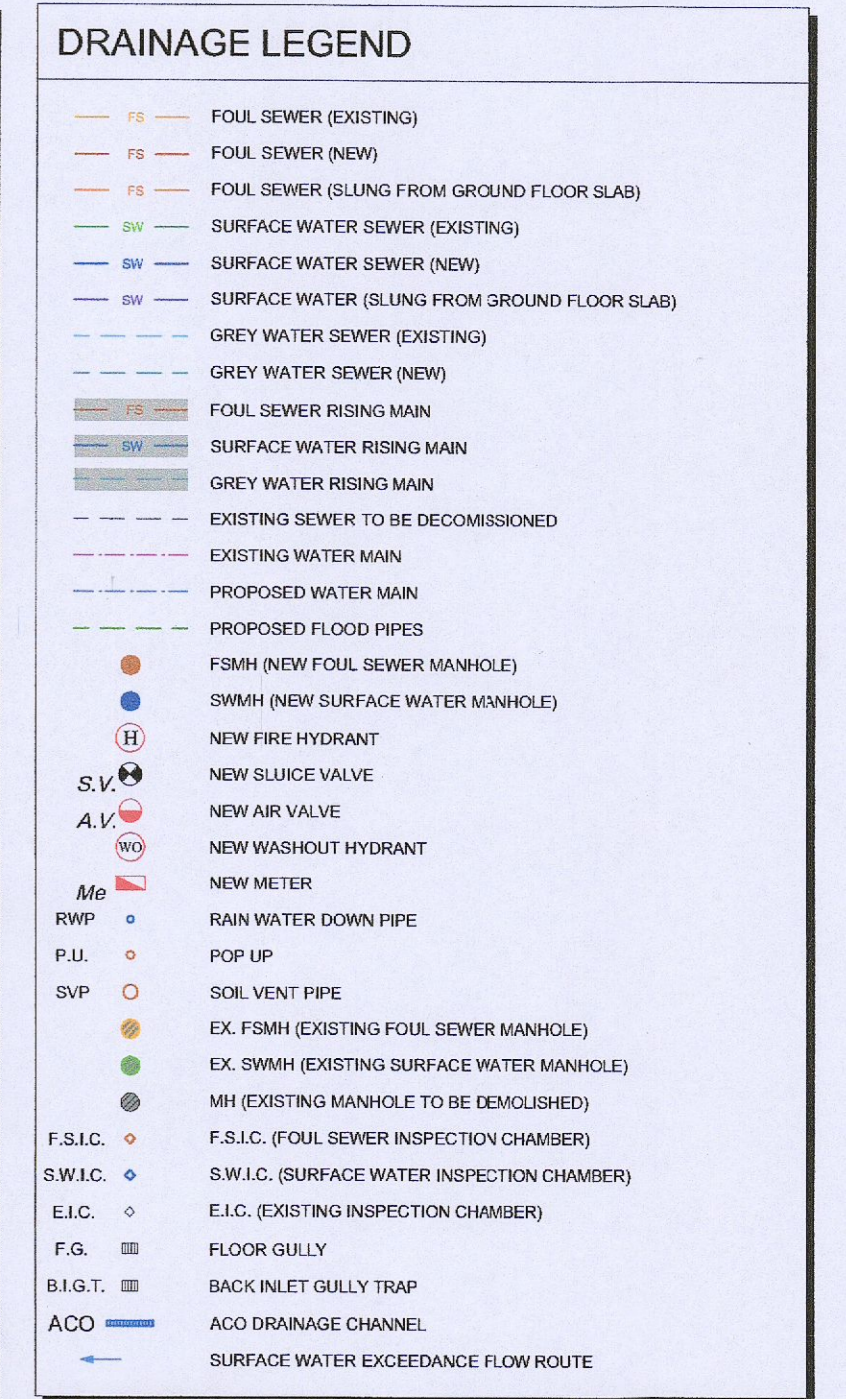


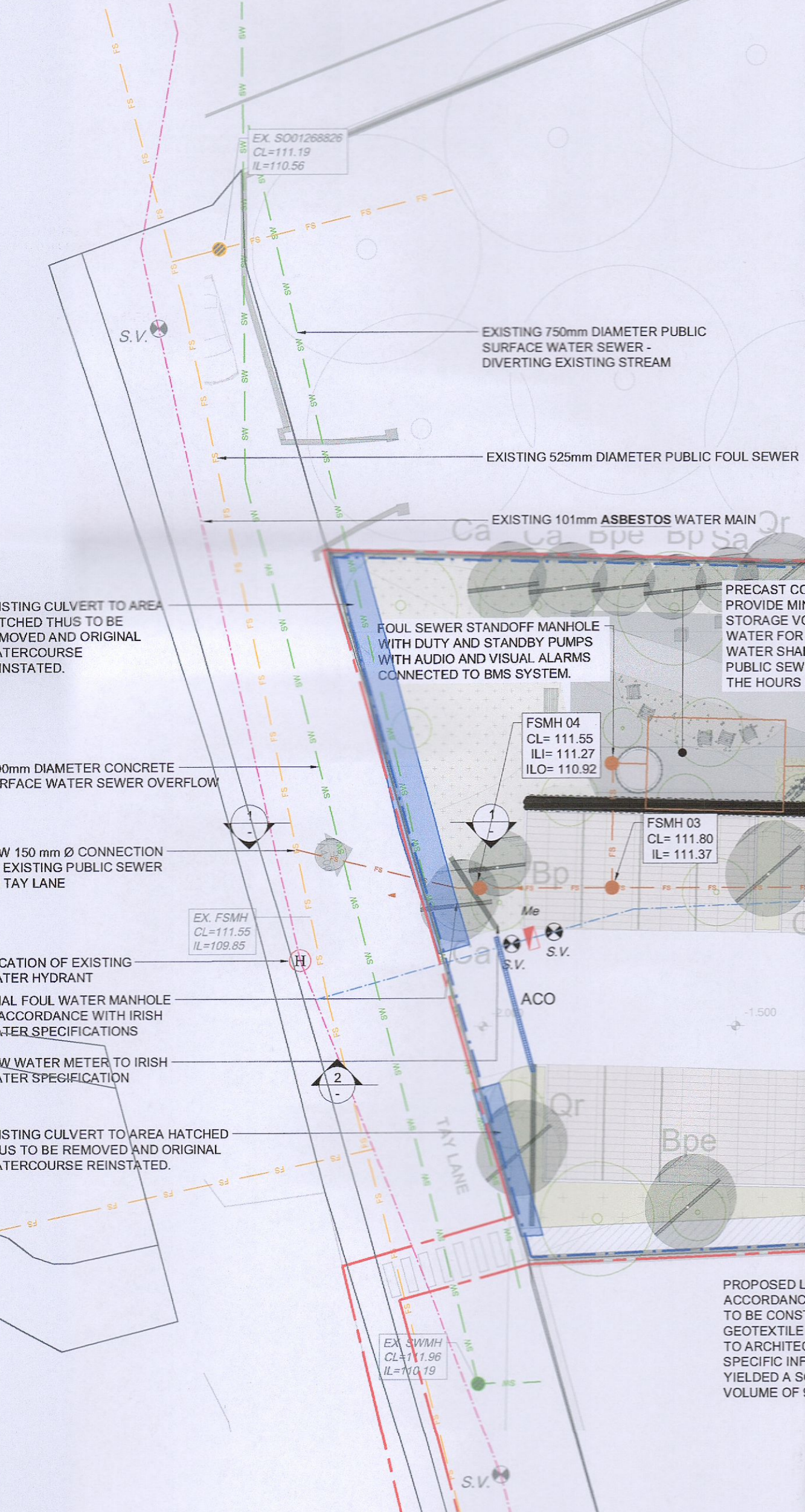
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
D1	DRAFT ISSUE	17/06/2022	BD	KF
D2	REVISED DRAFT ISSUE	04/08/2022	BD	KF
P1	PLANNING ISSUE	19/09/2022	BD	KF
P2	UPDATED PLANNING ISSUE	28/11/2022	SG	KF
P3	LANDSCAPE UPDATED	13/12/2022	SG	JP
P4	SITE BOUNDARY UPDATED	19/12/2022	SG	JP



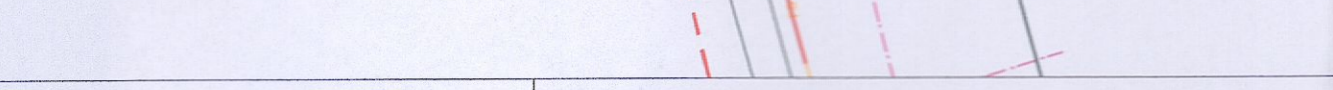
- DRAINAGE NOTES:**
1. READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.
  2. MANHOLE AND ROAD GULLY DETAILS TO COMPLY WITH SOUTH DUBLIN COUNTY COUNCIL AND IRISH WATER'S STANDARD DETAILS.
  3. ALL PIPES TO BE WAVIN uPVC (SN8) OR SIMILAR SAVE FOR SEWERS IN PUBLIC ROADWAY WHICH ARE 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 ARCHITECTS DRAWINGS.
  9. MANHOLE COVERS AND FRAMES SHALL COMPLY WITH THE IA STANDARD PATTERN WITH MIN OPENING OF 600MM & WITH CLOSED KEYWAYS. HEAVY DUTY TYPE A MANHOLES IN ALL TRAFFICED 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.



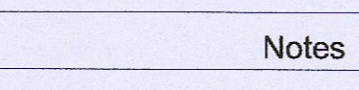
**2 PUBLIC DRAINAGE RECORDS**  
NOT TO SCALE



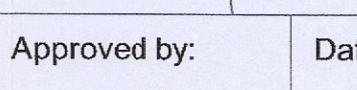
**1 PROPOSED DRAINAGE SITE PLAN**  
SCALE 1:200



**2-2 SECTION 2-2**  
SCALE 1:200



**1-1 SECTION 1-1**  
SCALE 1:50



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
PROPOSED LOCATION OF SOAKAWAY 12.0m LONG x 10.0m WIDE x 0.8m DEEP IN ACCORDANCE WITH BRE 365 TO CATER FOR 1660m² OF ROOF AREA. SOAKAWAY TO BE CONSTRUCTED WITH WAVIN AQUACELL UNITS LINED IN TERRAZO GEOTEXTILE WITH MINIMUM 100mm STONE BEDDING AND SURROUND FINISHES TO ARCHITECT'S SPECIFICATION. SOAKAWAY HAS BEEN SIZED BASED ON SITE SPECIFIC INFILTRATION TESTS CARRIED OUT ON 4TH NOVEMBER 2022. WATER PUBLIC YIELDED A SOIL INFILTRATION RATE OF 61.7x10⁻⁴cm/s. OVERFLOW TO EXISTING PUBLIC SEWER - VOLUME OF 91.20m³ PROPOSED TO SERVE DEVELOPMENT.
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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:
PROPOSED DRAINAGE SITE PLAN	-	CORA	-
Level:	Type:	Discipline:	Drawing No:
-	DR	C	001
Stage:	Revision:		
P	04		

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<b>CORA</b> CONSULTING ENGINEERS
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