Below Ground Drainage Key

General Notation

100mmØ ID (pipe diameter) at 1/80 (approximate gradient)	Pipework other than that covered by the general drainage notes will be identified as adjacent BD - Backdrop connection UIL - Upper Invert Level

Existing Drainage

	Existing Drainage - Combined Water
	Existing Drainage - Foul Water
	Existing Drainage - Surface Water
	Existing Drainage - to be abandoned
	Existing Drainage - Manholes Sizes as shown on plan / schedules Information as per services survey
PPM	Existing Drainage - Pump and Rising Main Sizes shown indicatively Information as per services survey

Combined Water

	Proposed Drainage - Combined Water drain
	Proposed Drainage - Combined Water Manholes Sizes are per plan and schedules PPIC - Polypropylene Inspection Chamber PCC - Pre-Cast Concrete

Foul Water

	Proposed Drainage - Foul Water drain
	Proposed Drainage - Foul Water Manholes Sizes are per plan and schedules PPIC - Polypropylene Inspection Chamber PCC - Pre-Cast Concrete
PPM	Proposed Drainage - Foul Water Pumping Chamber and Rising Main Sizes shown indicatively Refer to pump manufacturers' specification
	Foul Connection: SVP - Soil Vent Pipe SS - Stub Stack AAV - Air Admittance Valve FA - From Above (refer to Architectural / M&E plans) FS - Floor Socket (for internal gullies / shower drains)
	FG - Foul Gully (trapped and roddable)

Surface Water

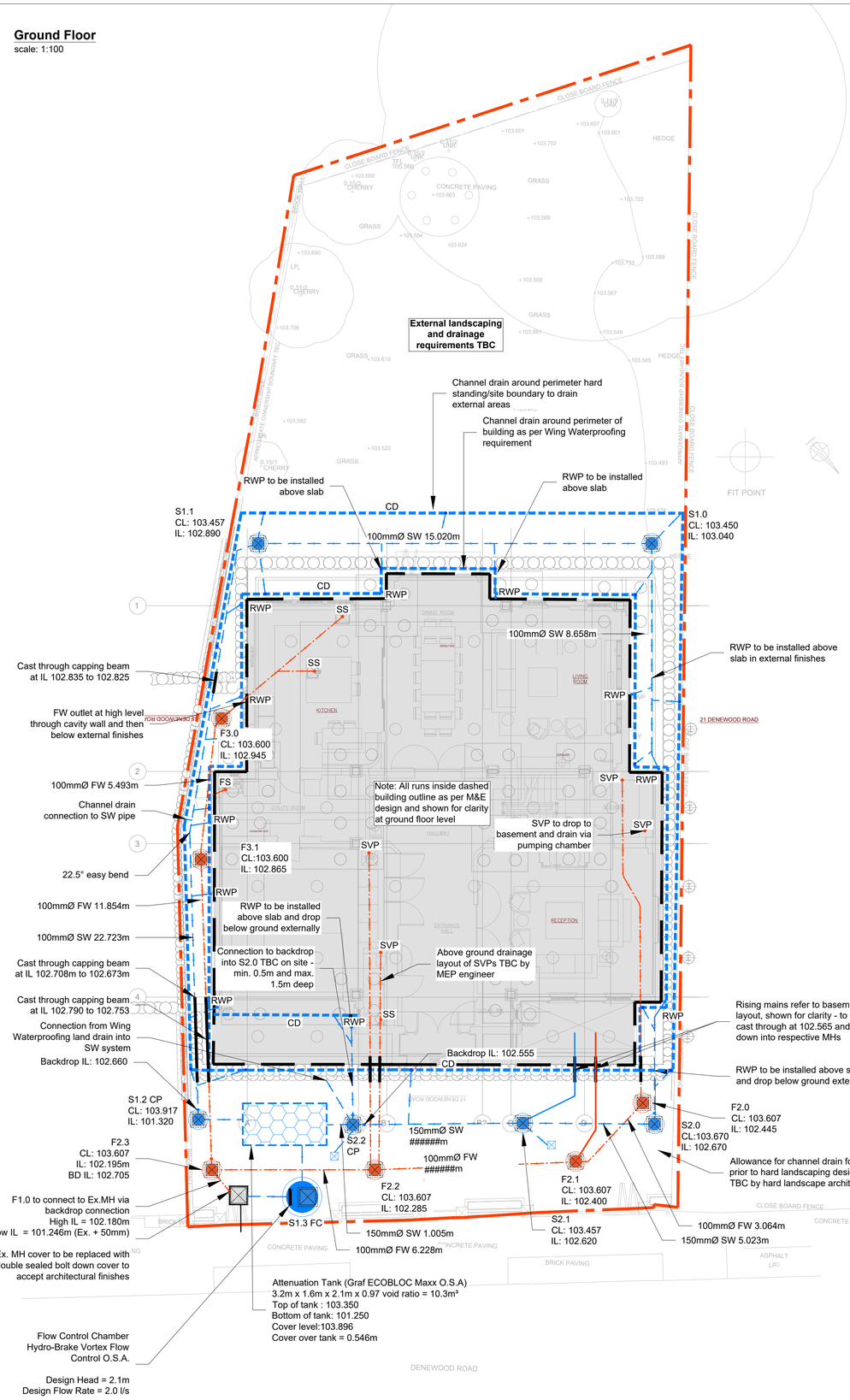
	Proposed Drainage - Surface Water drain
	Proposed Drainage - Surface Water land drain Perforated pipe laid within sub-base material
	Proposed Drainage - Surface Water channel drain (ACO or similar approved)
	Proposed Drainage - Foul Water Manholes Sizes are per plan and schedules PPIC - Polypropylene Inspection Chamber PCC - Pre-Cast Concrete FC - Flow Control chamber (Hydro-Brake™ by Hydro International or similar approved) CP - Catch Pit chamber
PPM	Proposed Drainage - Surface Water Pumping Chamber and Rising Main Sizes shown indicatively Refer to pump manufacturers' specification
	Proposed Drainage - Cellular storage structure or soakaway Sizes as per plan and schedules Refer to crate manufacturers' specification
	Proposed Drainage - Permeable surfacing Permeable paving / permeable asphalt Refer to Landscape Architect's / Construction build-ups drawings for more information

General Notes:

1. Do not scale from this drawing manually or electronically. Written permission must be obtained from SD Structures prior to scaling.
2. Contact SD Structures in the event of any discrepancies between findings on site and these drawings.
3. This drawing is also to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and specifications.
4. 3D views are indicative only and any conflicting 2D information should take precedence. If in doubt contact SD Structures prior to starting work.
5. All work is to be carried out in accordance with the relevant British Standards, European norms, codes of practice and building practice.
6. The Contractor shall obtain licences from the Highway Authority prior to carrying out any workings within the existing Public Highway.

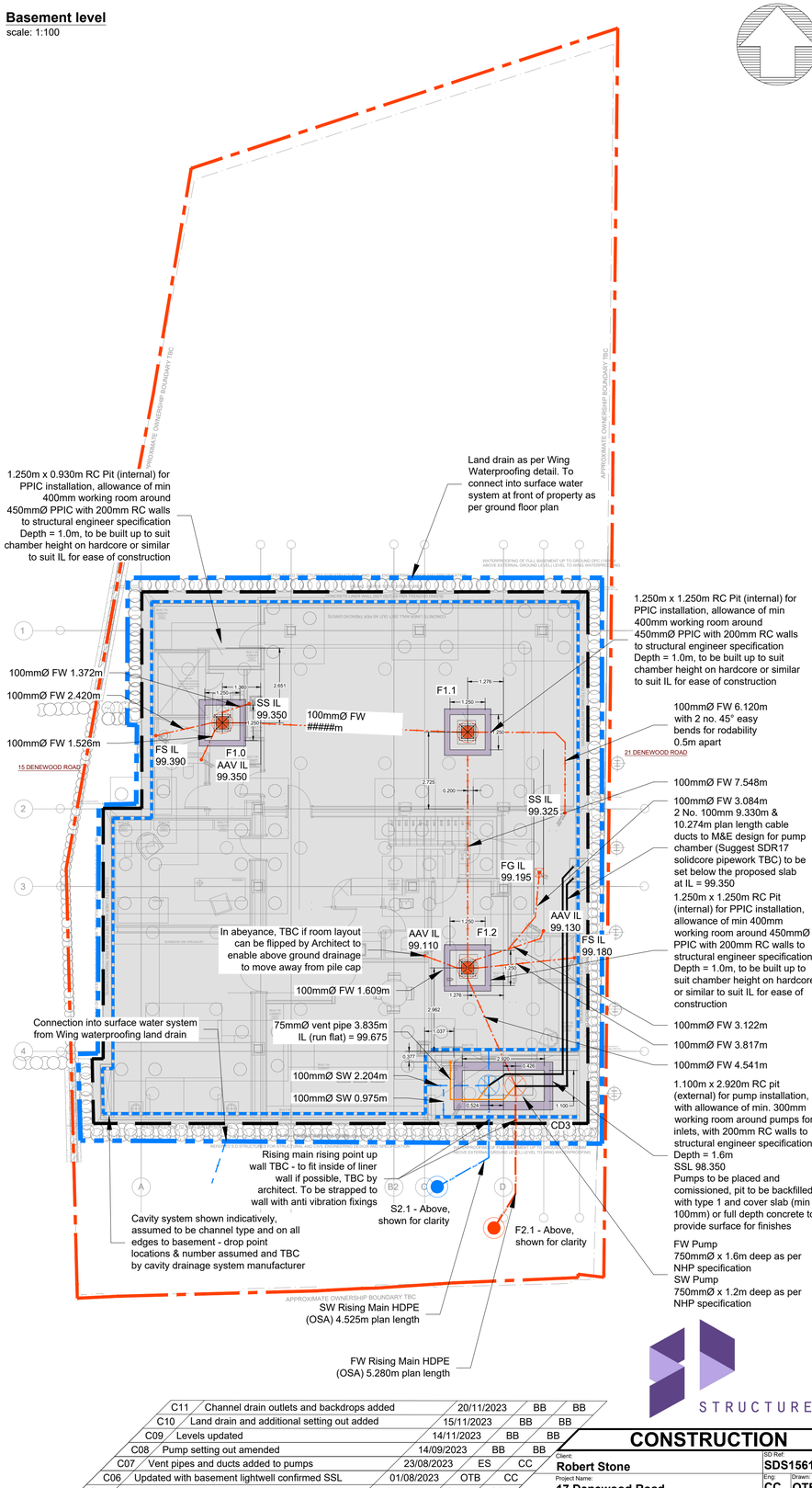
Ground Floor

scale: 1:100



Basement level

scale: 1:100



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Rev	Amendment	Date	Drawn	Eng
C11	Channel drain outlets and backdrops added	20/11/2023	BB	BB
C10	Land drain and additional setting out added	15/11/2023	BB	BB
C09	Levels updated	14/11/2023	BB	BB
C08	Pump setting out amended	14/09/2023	BB	BB
C07	Vent pipes and ducts added to pumps	23/08/2023	ES	CC
C06	Updated with basement lightwell confirmed SSL	01/08/2023	OTB	CC
C05	Updated with comments	31/07/2023	OTB	CC
C04	Updated with basement comments	20/07/2023	OTB	CC
C03	Issued for Construction	18/07/2023	OTB	CC
C02	Issued for construction	06/06/2023	OTB	CC
C01	Issued for construction	06/01/2023	ES	JK

Scale: 1:100 @ A1

CONSTRUCTION

Client: **Robert Stone**

SD Ref: **SDS1561**

Project Name: **17 Denewood Road**

Eng: **CC** Drawn: **OTB**

Drawing title: **Proposed Drainage Layout**

Proj.	Orig.	Vol.	Lev.	Typ.	Rol.	No.	Status	Rev.
1561	SDS	00	XX	DR	C	1000		C10

STRUCTURES

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