

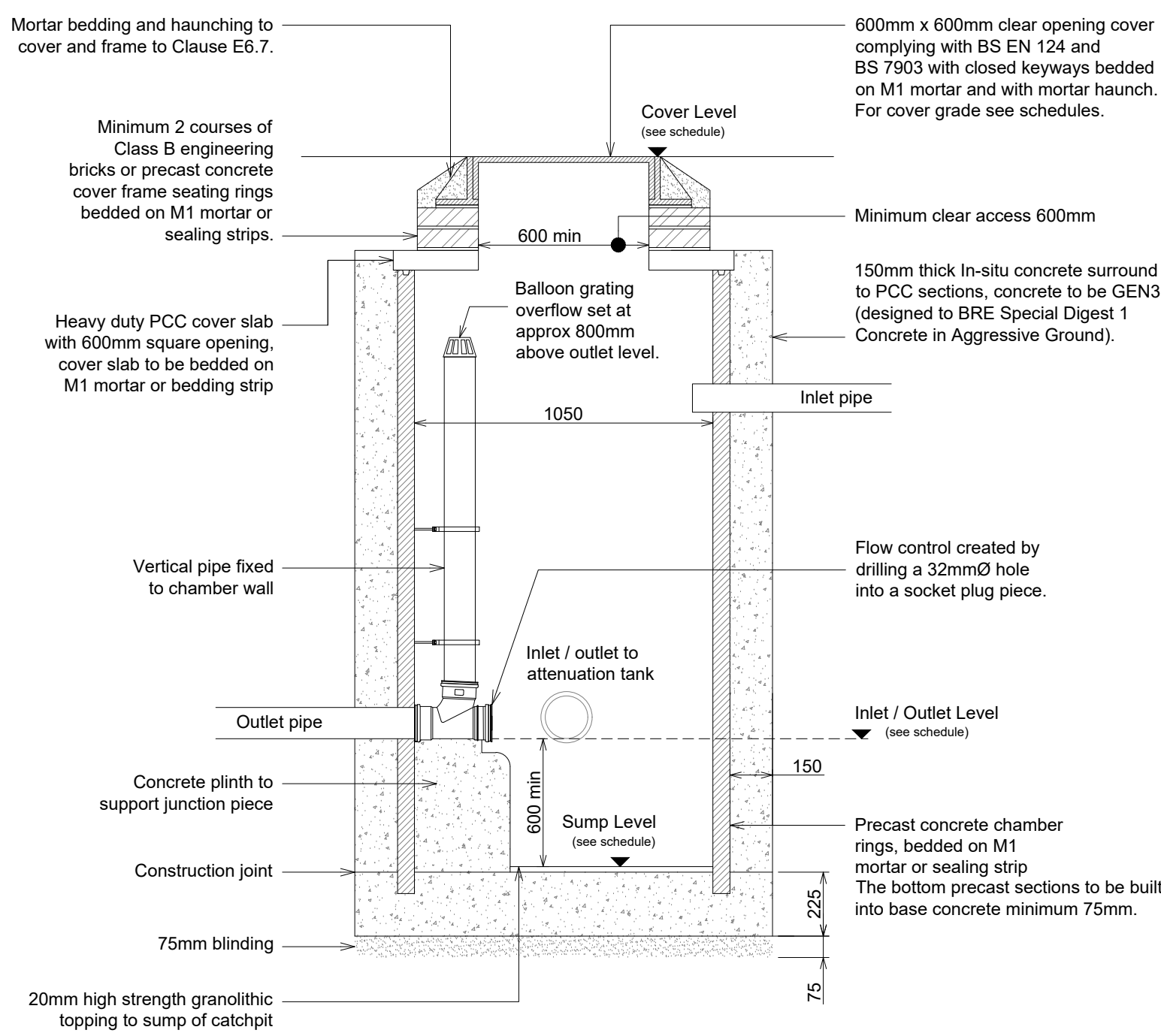
SURFACE WATER MANHOLE SCHEDULE								
Manhole Ref.	Cover Level (m)	Invert Level (m)	Sump Invert Lvl (m)	Manhole Depth (m)	Manhole Type	Manhole Ø (mm)	Cover/Frame Grade	Remarks
MHS1.0	8.200	7.624	-	0.576	PPIC	450	C250	-
MHS1.1	8.200	7.508	-	0.692	PPIC	450	C250	-
MHS1.2	8.100	7.367	-	0.733	PPIC	450	A15	-
MHS1.3	8.100	6.540 In/out	5.940	2.160	PC Type 2	1050	B125	Flow control Chamber. Orifice plate hole = 32mmØ
MHS1.4	6.900	6.518	-	0.382	PPIC	450	A15	-
Headwall	-	6.450	-	-	PC	-	-	JKH GRC Headwall
MHS2.0	8.200	7.624	-	0.576	PPIC	450	C250	-

SURFACE WATER PIPE SCHEDULE						
Pipe Ref.	Pipe Length (m)	Pipe Ø (mm)	Pipe Material	Gradient (1 in ?)	Bedding	Remarks
PNS1.0	9.25	100	UPVC	80	Class Z	-
PNS1.1	11.3	100	UPVC	80	Class S	-
PNS1.2	1.00	100	UPVC	80	Class S	-
PNS1.3	3.30	100	UPVC	150	Class S	-
PNS1.4	9.50	100	UPVC	150	Class S	-
PNS2.0	9.25	100	UPVC	80	Class Z	-
PNS3.0	9.60	-	-	-	-	100 wide channel + sump
PNS4.0	9.60	-	-	-	-	100 wide channel + sump

SURFACE WATER ATTENUATION TANK SCHEDULE - CELLULAR BLOCKS				
Tank Ref.	Cover / Ground Level (m)	Inlet Level(s) (m)	top of tank Level(s) (m)	Remarks
Tank A	8.100	6.565	7.365	Tank constructed using Wavin Aquacell blocks or similar approved product (Individual block dimensions: L=1.0m x W=0.5m x D=0.4m) Tank Structure Dimensions Length = 7.5m (15 Blocks) Width = 1m (1 Blocks) Depth = 0.8m (2 Layers of Blocks) Tank to have high level vent to allow any internal gas build-up to escape to atmosphere, vent located to be determined on site.
Tank B	8.100	6.565	7.365	Tank constructed using Wavin Aquacell blocks or similar approved product (Individual block dimensions: L=1.0m x W=0.5m x D=0.4m) Tank Structure Dimensions Length = 7.5m (15 Blocks) Width = 1m (1 Blocks) Depth = 0.8m (2 Layers of Blocks) Tank to have high level vent to allow any internal gas build-up to escape to atmosphere, vent located to be determined on site.

Type 2 Catch Pit / Flow Control Detail

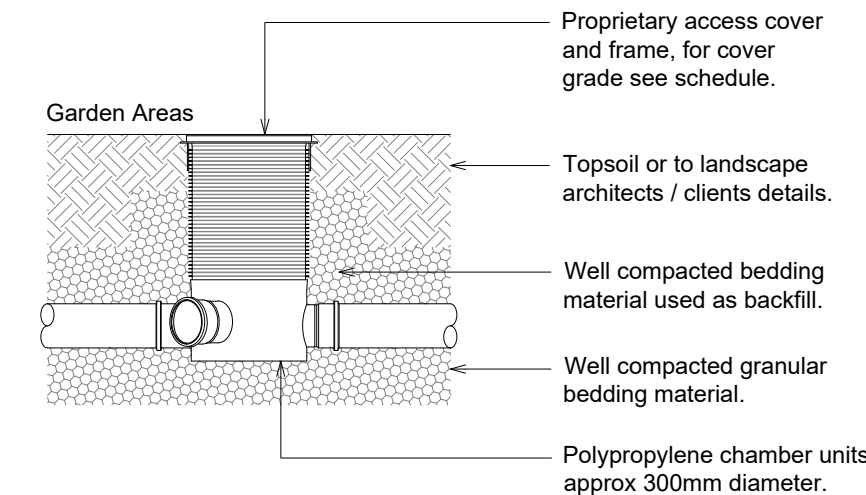
Scale 1:20



Shallow Inspection Chamber (SIC)

Use on private drainage works only

scale 1:20



NOTE:
Where chambers are positioned on 90° corners, always use the main channel by fitting 45° bends on both inlet and outlet pipes.

Maximum diameter of main channel 150/160mm
Maximum pipe diameter of inlets 100/110mm

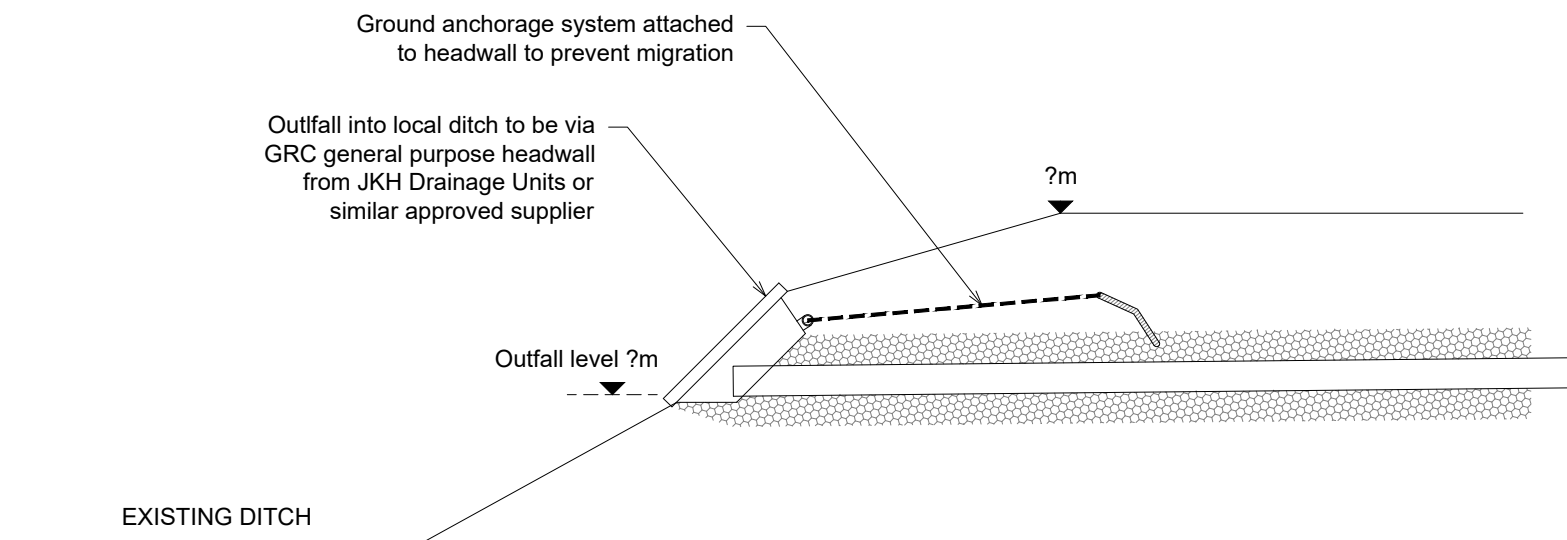
Unused inlets are to be sealed and made watertight.

Backfill to be well compacted around shaft of chamber.

No incoming branch is to be less than 90° from the outgoing direction of flow.

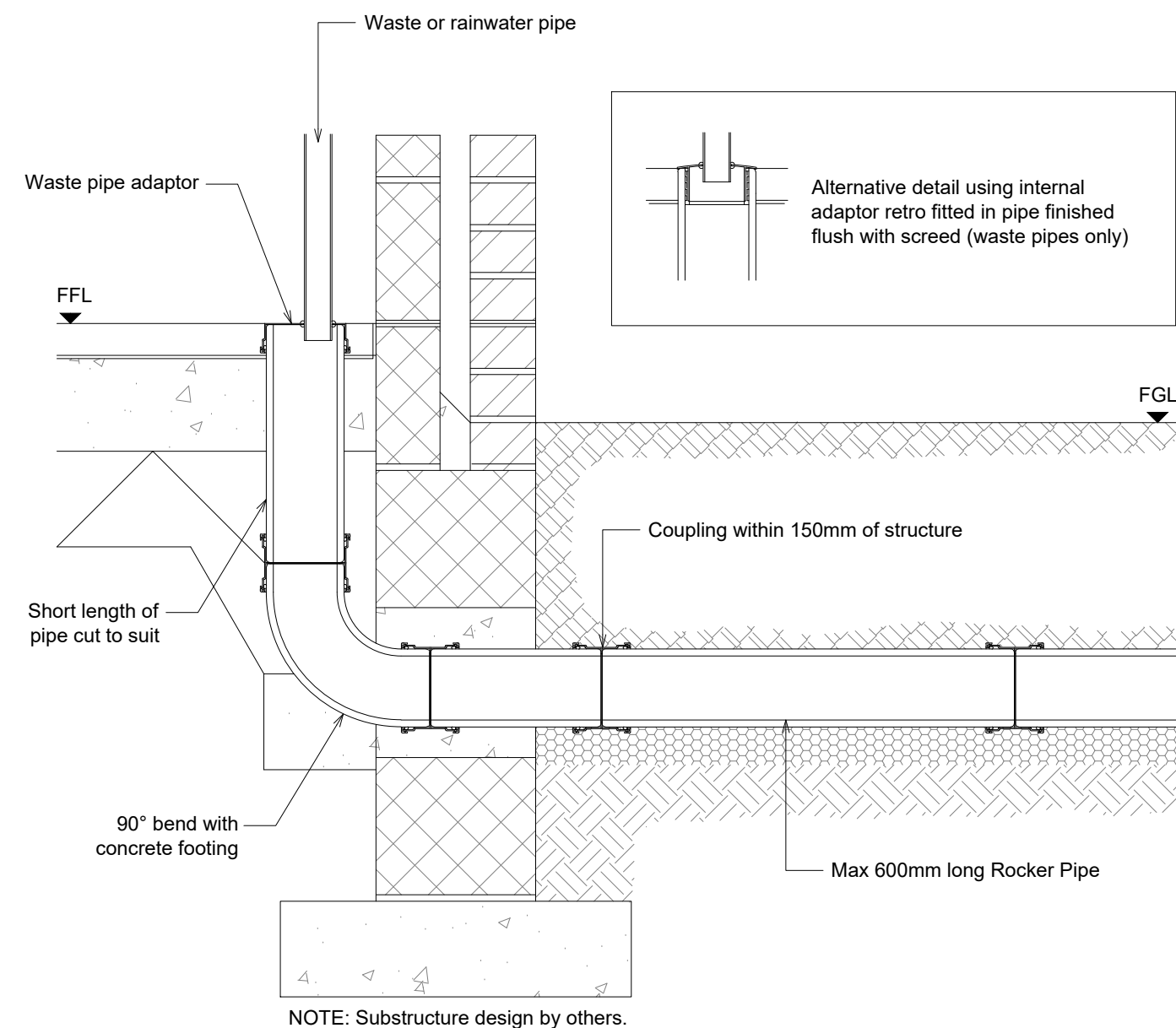
Section Through Outfall

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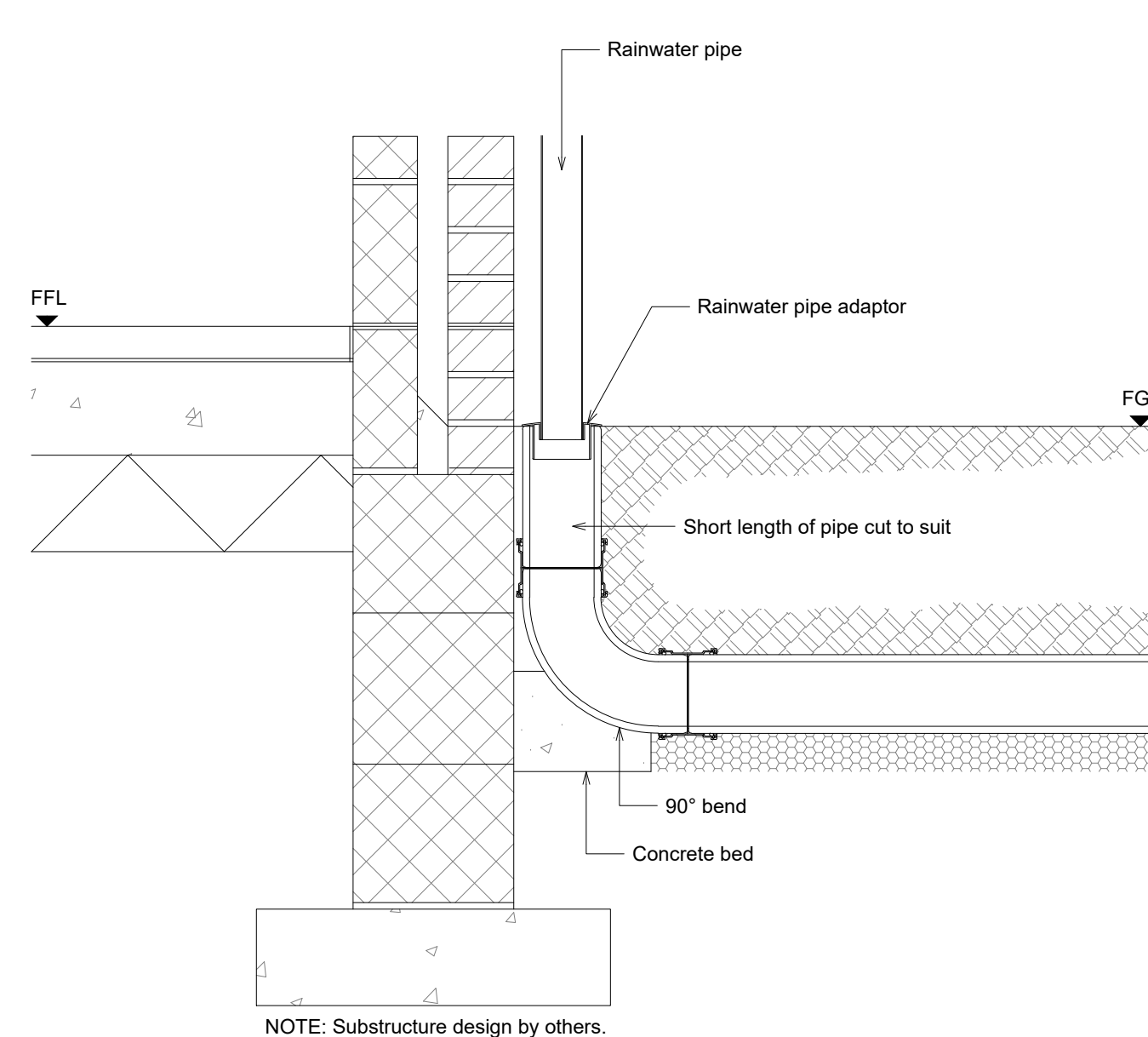
Typical Internal Waste Pipe Connection Detail

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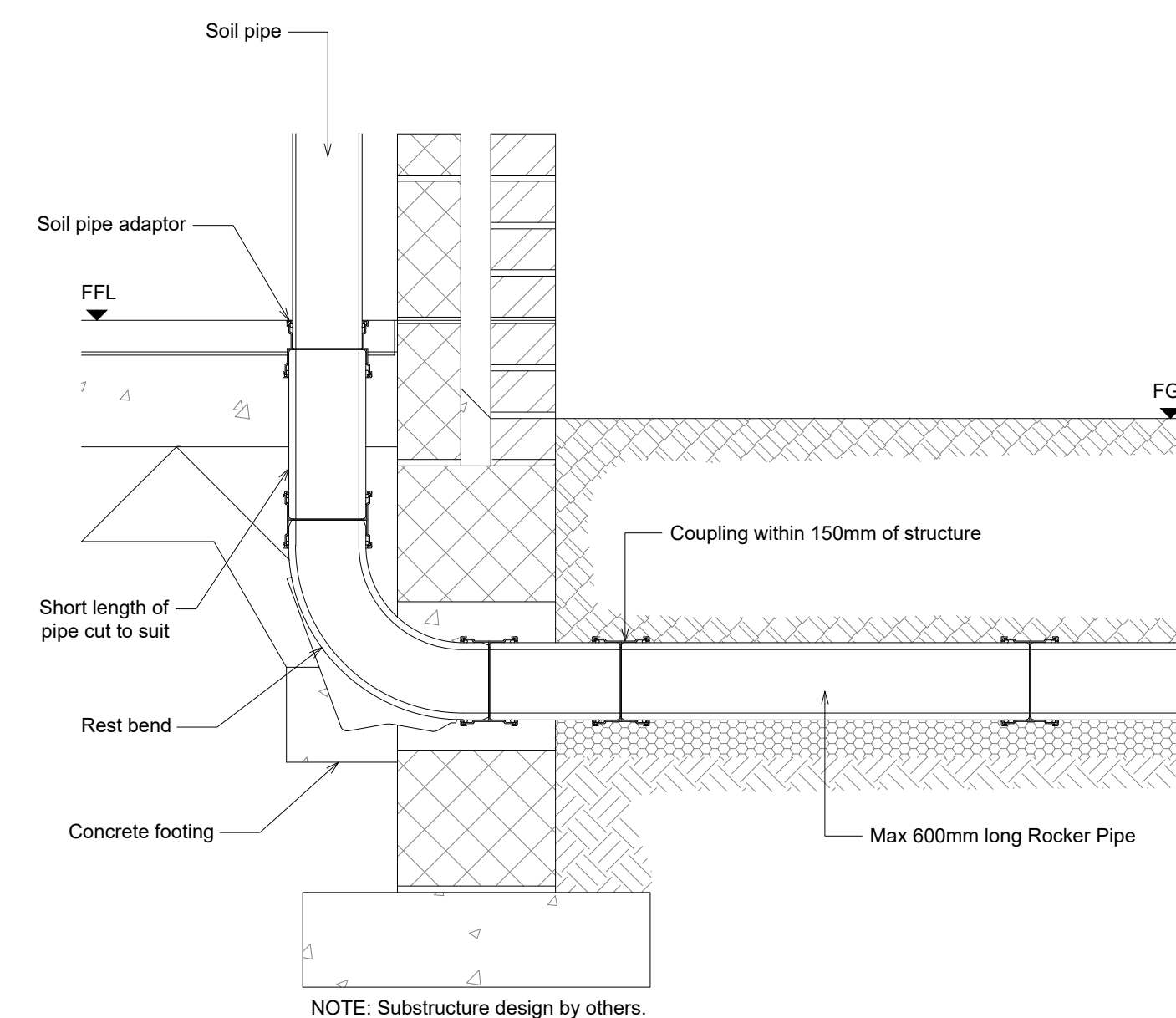
Typical External Rainwater Pipe Connection Detail

scale 1:10



Typical Soil Vent Pipe / Stub Stack Connection Detail

scale 1:10



DRAINAGE NOTES

- The location of any existing drains and sewers are to be accurately located and reported prior to any work commencing on site.
- All materials, workmanship and construction to be in accordance with the requirements of 'Sewers for Adoption - 7th Edition' and published addendum and corrigendum.
- Channel drains shown are only to collect surface water run-off from hard paved areas and door thresholds and are not intended to collect groundwater or run-off from gardens and landscaped areas.
- All abandoned pipework to be completely removed or grout filled unless stated otherwise.

NOTES

- The Contractor should check all dimensions on site.
- It is the Contractors responsibility to ensure compliance with building regulations and current codes of practice.
- Drawings cannot take into account any drains or underground works not locatable by visual survey of the site.
- Commencement of any building works prior to full building regulation approval is entirely at the clients risk.

A		First issue to client	18/08/2023
Rev	Description	Date	
PROJECT Proposed residential development on land adjacent to Claremont Terrace, Sandwich Road, Woodnesborough, Sandwich, Kent CT13 0LY.			
CLIENT Mr Richard Bent Esq			
DRAWING Proposed Drainage Details Sheet 1		SCALE As Noted	DATE 18/08/2023
STATUS PRELIMINARY		PROJECT NO. T-2023-070-04	SIZE A1

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