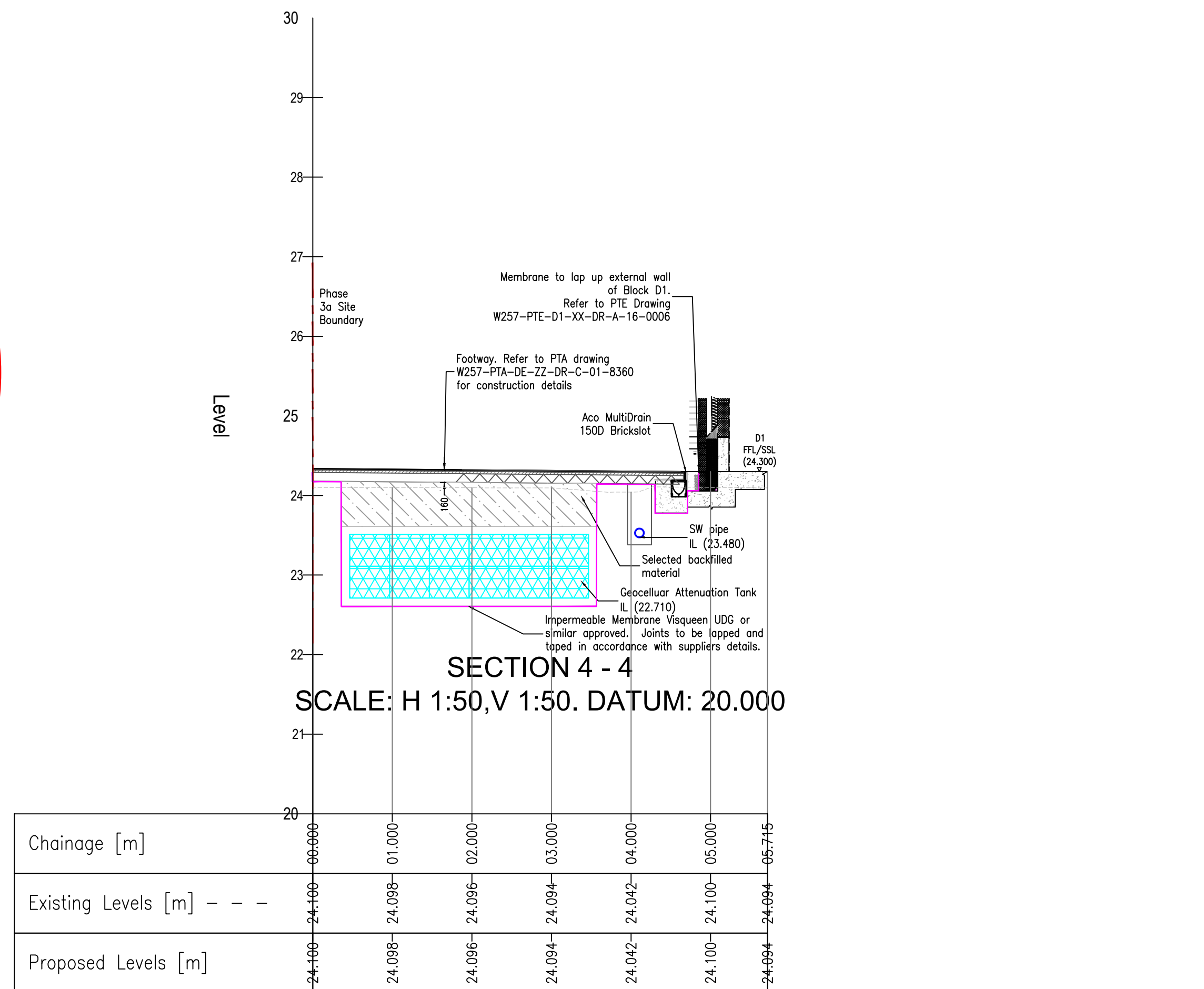
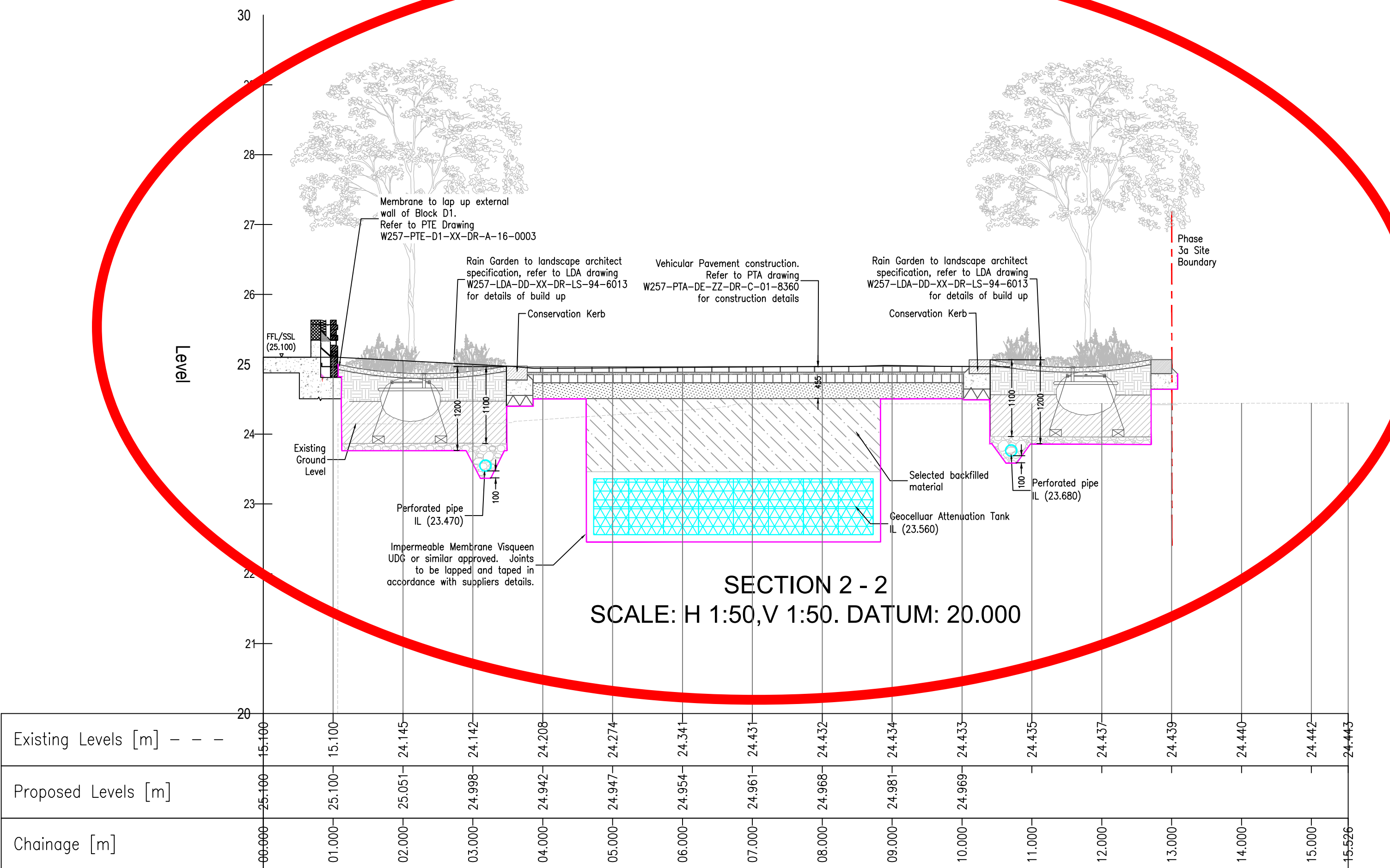
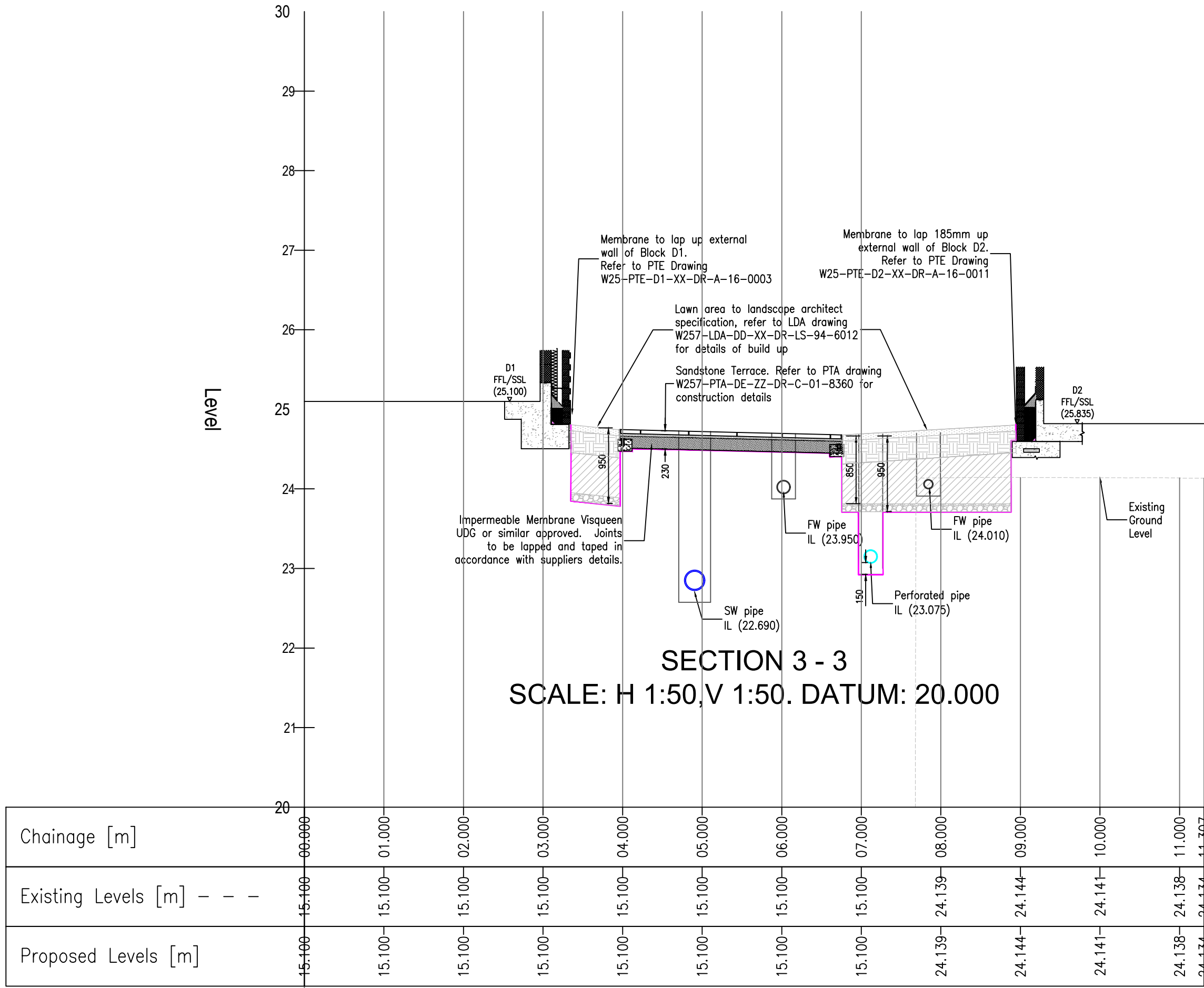
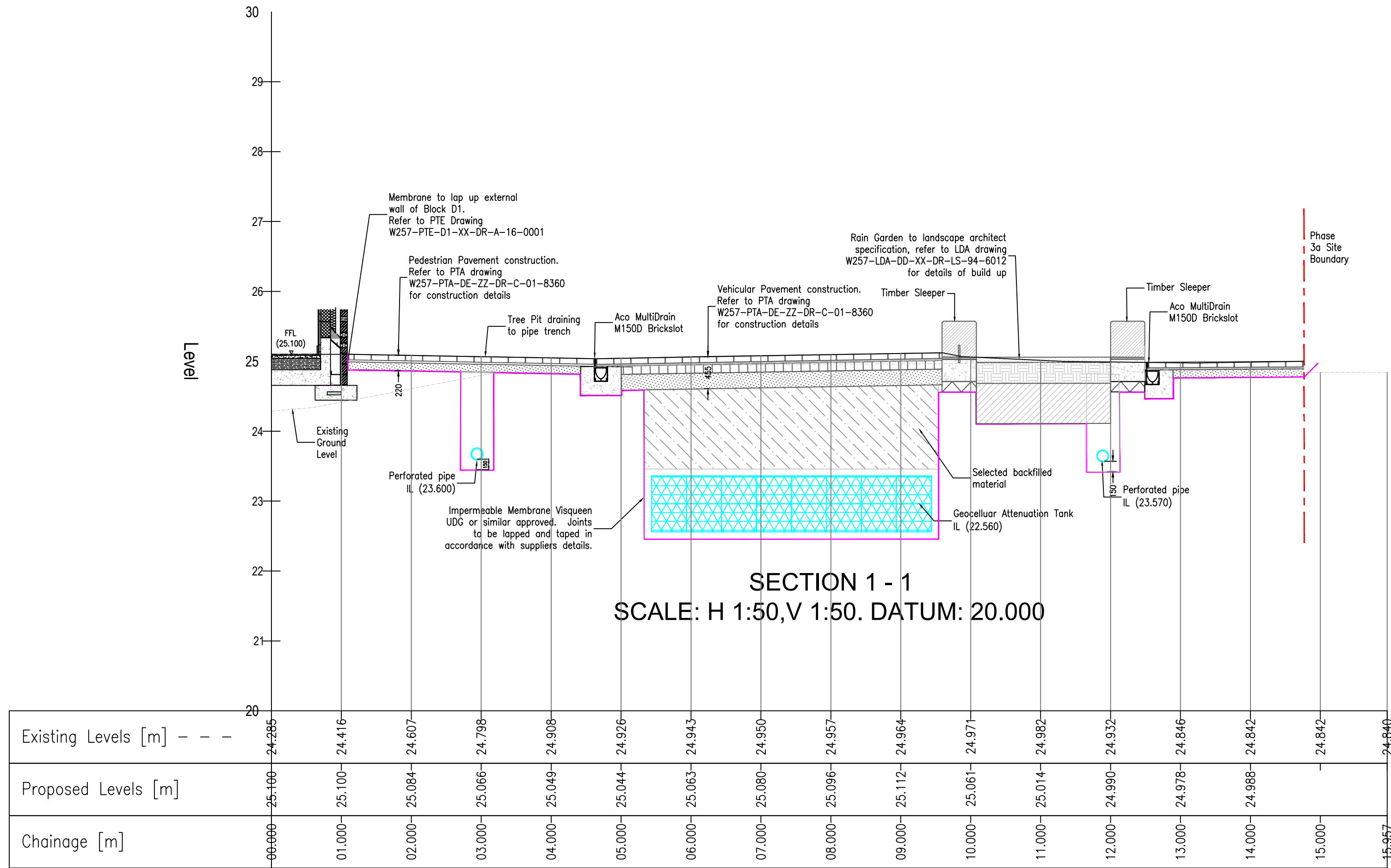




Notes:

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- For location of section and layout of membrane refer to PTA drawings W257-PTA-DE-ZZ-DR-C-01-8101 to 8102

IMPERMEABLE MEMBRANE

VISQUEEN UDG or similar approved impermeable membrane to be installed in all external soft and hardstanding areas outside the footprint of buildings. Drainage trenches are to be lined with the membrane when less than 500mm deep from level of membrane. Manholes to be lined in accordance with PTA details. The impermeable membrane is to be installed in accordance with supplier's instructions.

For extent and depth of membrane refer to PTA drawings W257-PTA-DD-ZZ-DR-C-01-8171 and 8170 series, and for associated sections through external areas refer to PTA drawings W257-PTA-DE-ZZ-DR-C-01-8340 and 8340 series.

For details of membrane and drainage details refer to PTA drawing W257-PTA-DE-ZZ-DR-C-01-8130 and 8131.

For details of membrane under hardstanding construction build-ups refer to PTA drawing W257-PTA-DE-ZZ-DR-C-01-8160.

For details membrane under soft landscaping build-ups refer to LDA build-ups drawings.

For details of membrane lapping up external walls refer to PTE wall details.

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FOR CONSTRUCTION

REV	DESCRIPTION	BY	DATE	CHKD
C4	Updated D1 Sections 1 - 4	JP	18.02.21	
C3	Impermeable membrane spec added.	SN	06.01.21	
C2	Planters detail amended	SN	30.10.20	
C1	Issue for Construction	SN	17.04.20	AH

Clarendon Ph3a

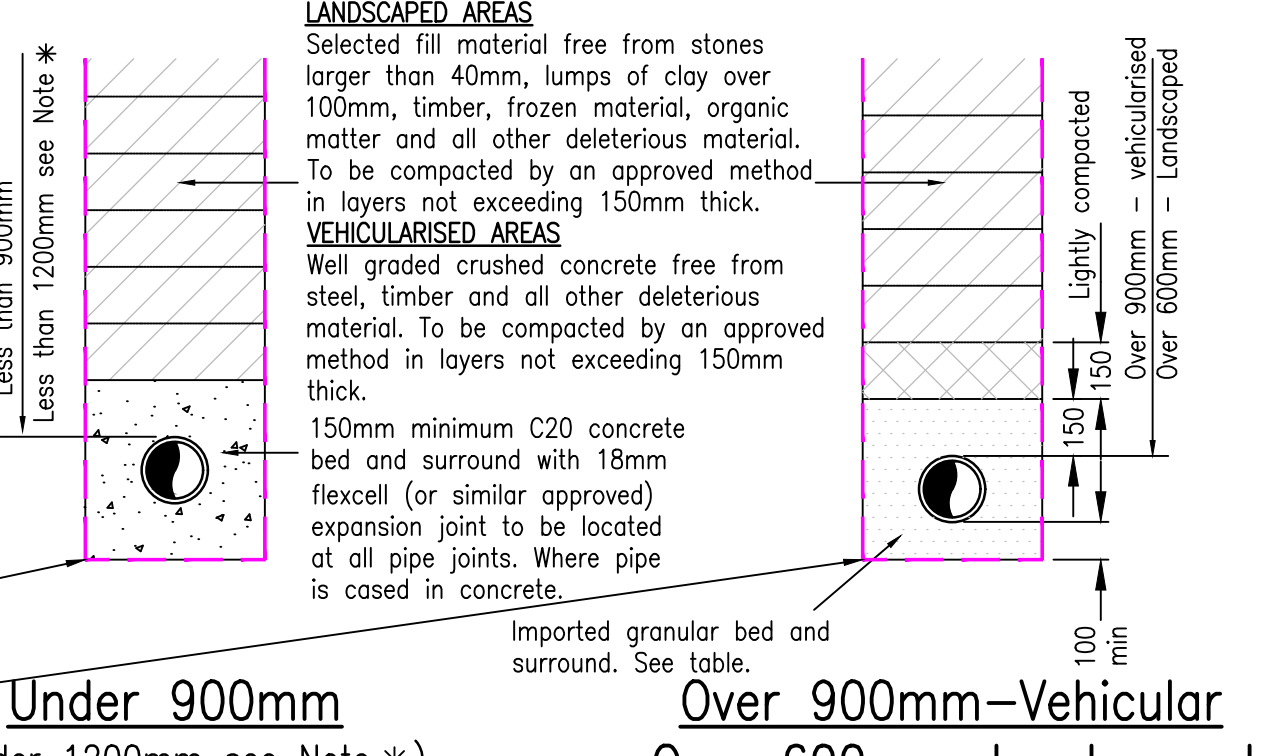
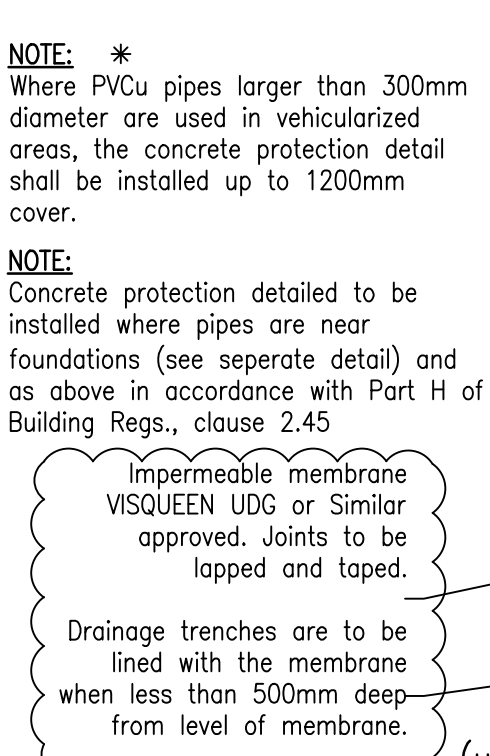
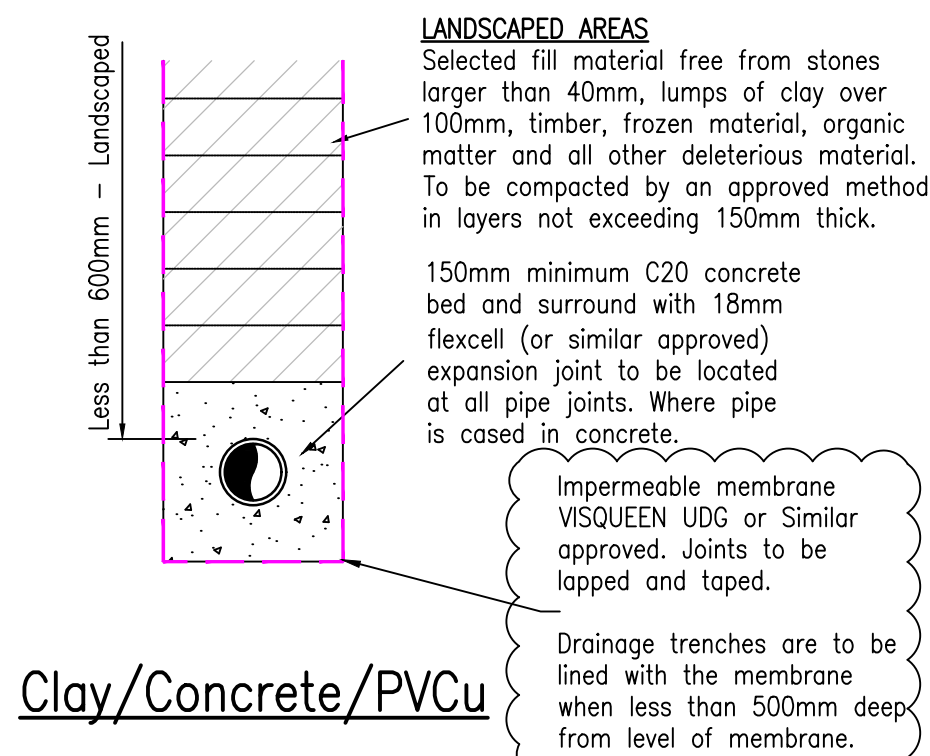
Typical Cross Sections Sheet 1

DATE	April 20	CHECKED DO		CHECKED ENG		PTA PROJ No	9669
DRAWN	JP					REVISION	
SCALE	1:50						
DWG SIZE	A1						C4

W257-PTA-DE-ZZ-DR-C-01-8340

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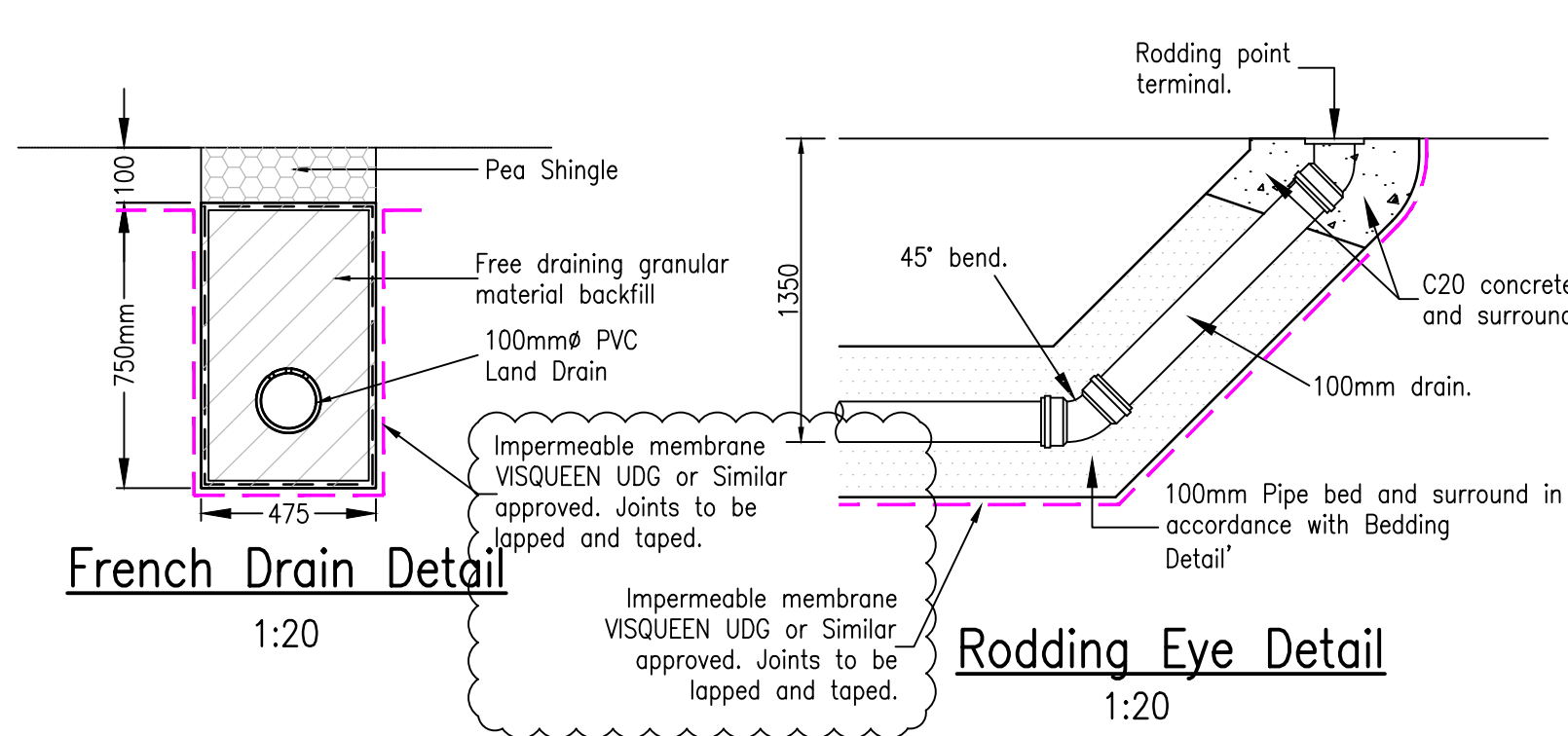
Granular materials for Pipe Bedding

TO BE EITHER
Nominal single size aggregate complying with table 4 of BS 882:1992 as follows:

DN 100 10mm size
DN 150 10mm or 14mm size
DN 200 to DN300 10mm, 14mm or 20mm size
DN 375 to 525 14mm or 20mm size
DN 600 and above 14mm or 20mm or 40mm size

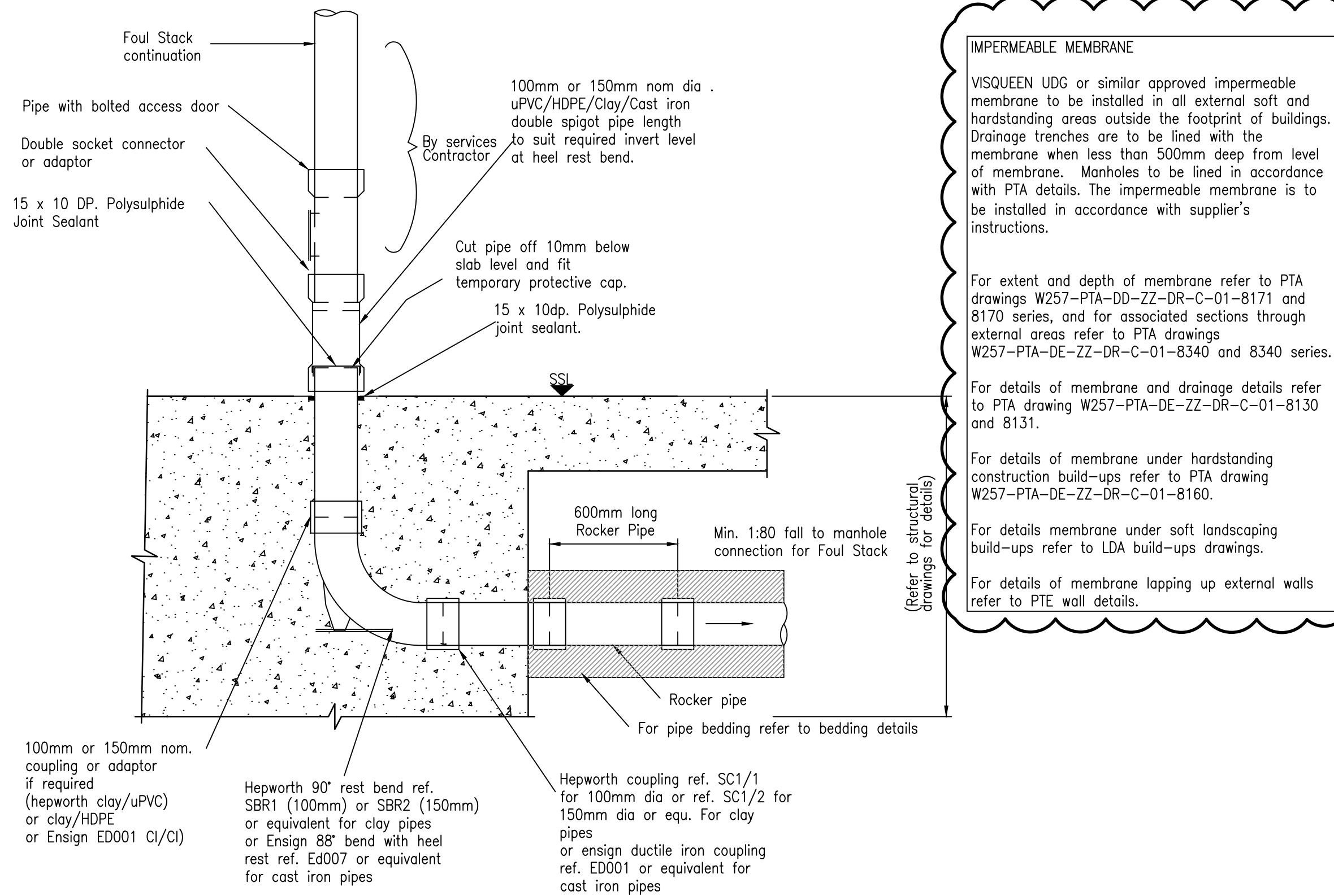
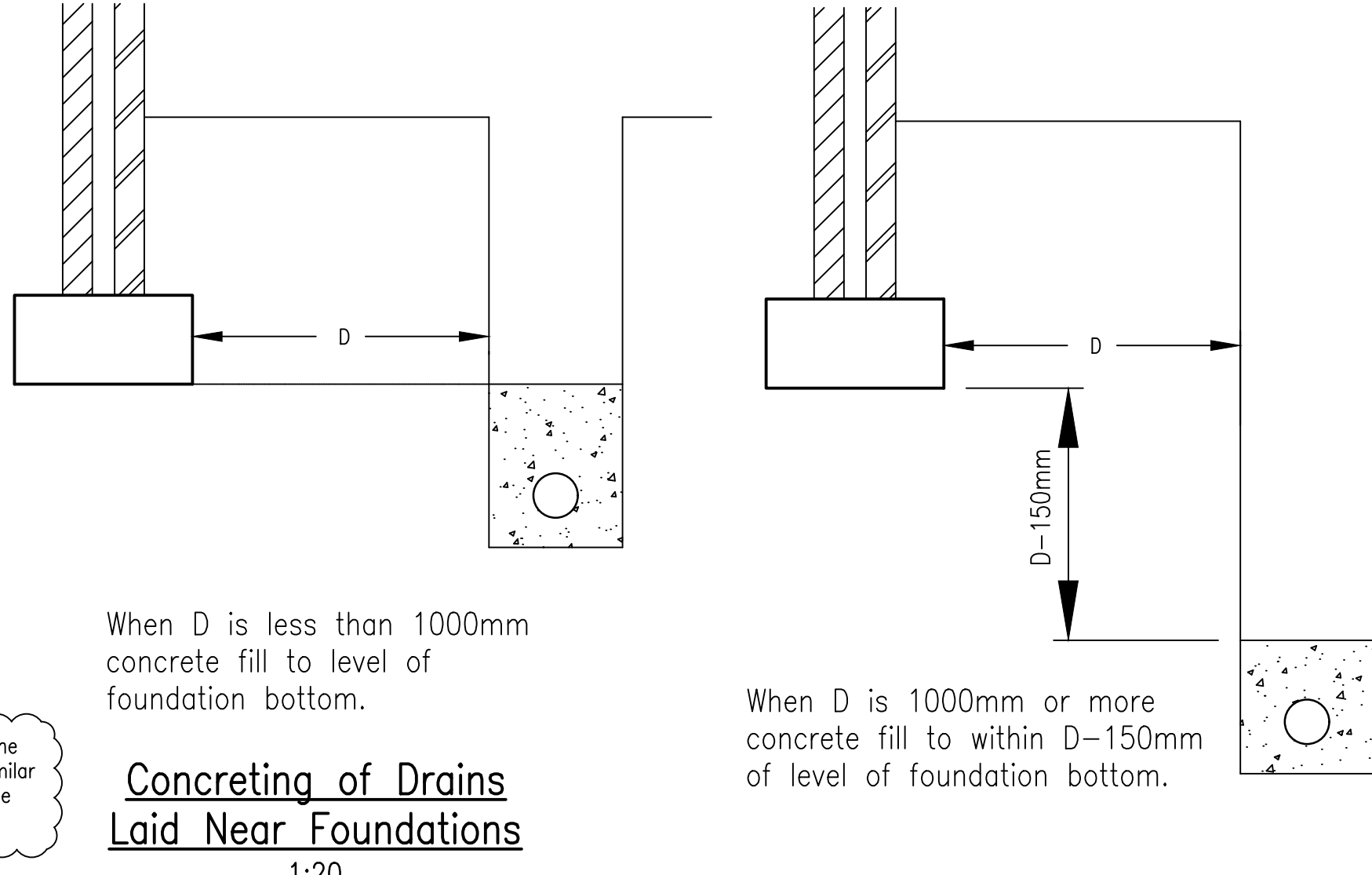
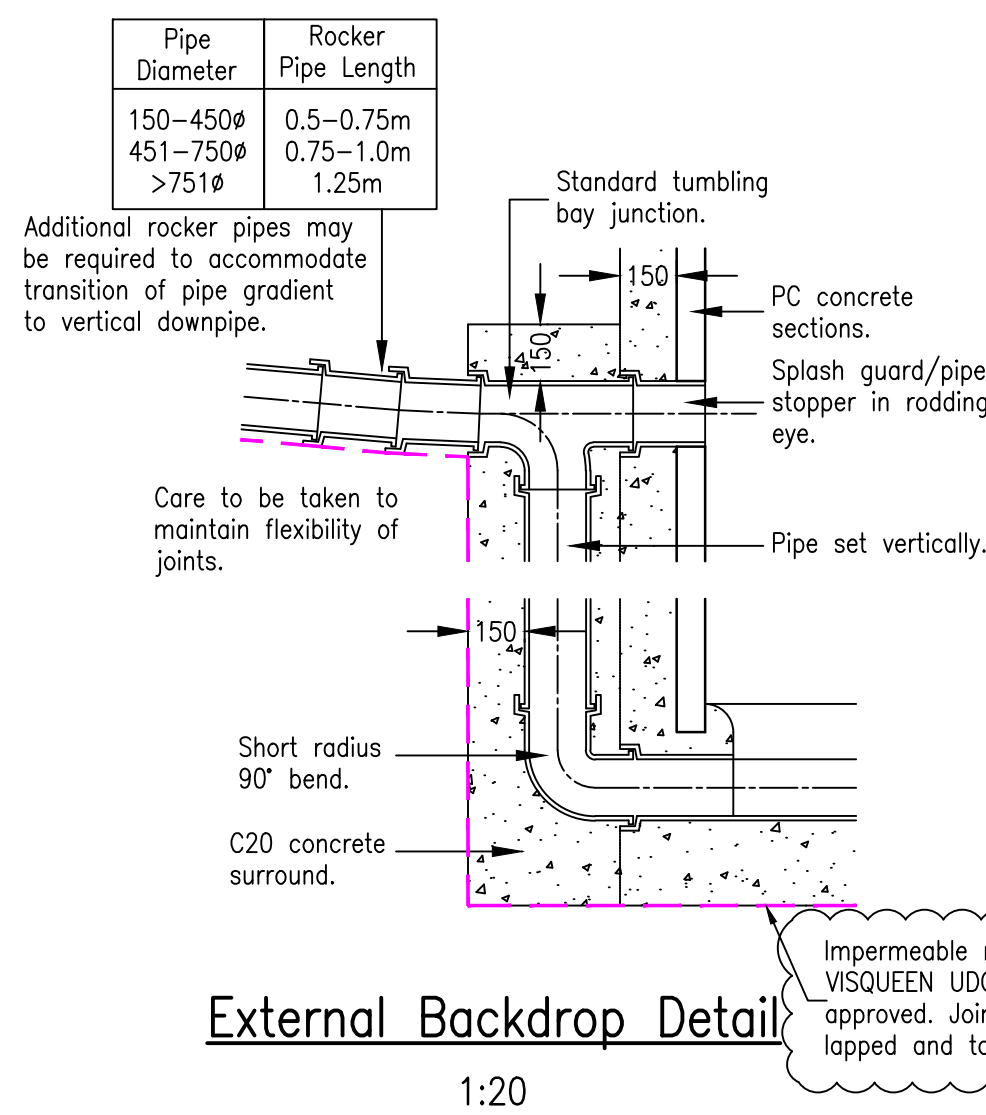
OR
Graded aggregate complying with table 4 of BS 882:1992 as follows:

DN 100 14mm to 5mm
DN 150 to DN 525 20mm to 5mm or 14mm to 5mm
DN 600 and above 40mm to 5mm or 20mm to 5mm or 14mm to 5mm



Pipe Bedding Details
Under 600mm Landscaped
1:20

Pipe Bedding Details
Concrete, Clay & PVCu Pipes
1:20



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PRIVATE DRAINAGE NOTES

- All private drainage works to be in accordance with Part H of the current Building Regulations and BS EN 752.
- All private drainage to be either:-

Vitrified Clayware to BS EN 295.
With the exception of adoptable laterals (e.g. between demarcation chambers and Public sewers) whereby all pipework materials and installation/bedding are to be in accordance with Sewers For Adoption 6th Edition or Interim guidance documentation subject to agreement with the sewerage undertaker.
- RWP lateral connections are to be sized to suit RWP size as designed by specialist.
Gully laterals to be sized to suit gully outlets.
All other pipes are 110mm diameter unless noted otherwise.
- Foundations adjacent to drain runs are to be constructed so that the difference between the formation level of the foundation and invert level of any drain must not exceed the horizontal distance minus 500mm.
- Where foul and surface water sewers cross and there is less than 100mm clearance short lengths of both runs are to be encased in concrete.
- All RWP, SVP and foul drainage positions are to be confirmed by the Architect.
- Where RWPs are connected direct to drain, rodding access plates are to be provided.

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DRAWING STATUS

FOR CONSTRUCTION

C4	Updated Details: Visqueen Membrane	JP	18.02.21	AH	
C3	Impermeable membrane spec added.	SN	06.01.21		
C2	Note & Tree Pit drainage detail added.	SN	30.10.20		
C1	Issue for Construction	SN	17.04.20	AH	
P1	First Issue.	SN	13.03.20		
REV	DESCRIPTION	BY	DATE	CHKD	

PROJECT TITLE
Clarendon Ph3a

Drainage Details
Sheet 2 of 2

DATE	Feb 20	CHECKED DO	CHECKED ENG	PTA PROJ No
DRAWN	SN		JP	9669
SCALE	1 : 20		AH	REVISION
DRG SIZE	A1			C4

DRAWING No
W257-PTA-DE-ZZ-DR-C-01-8131

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