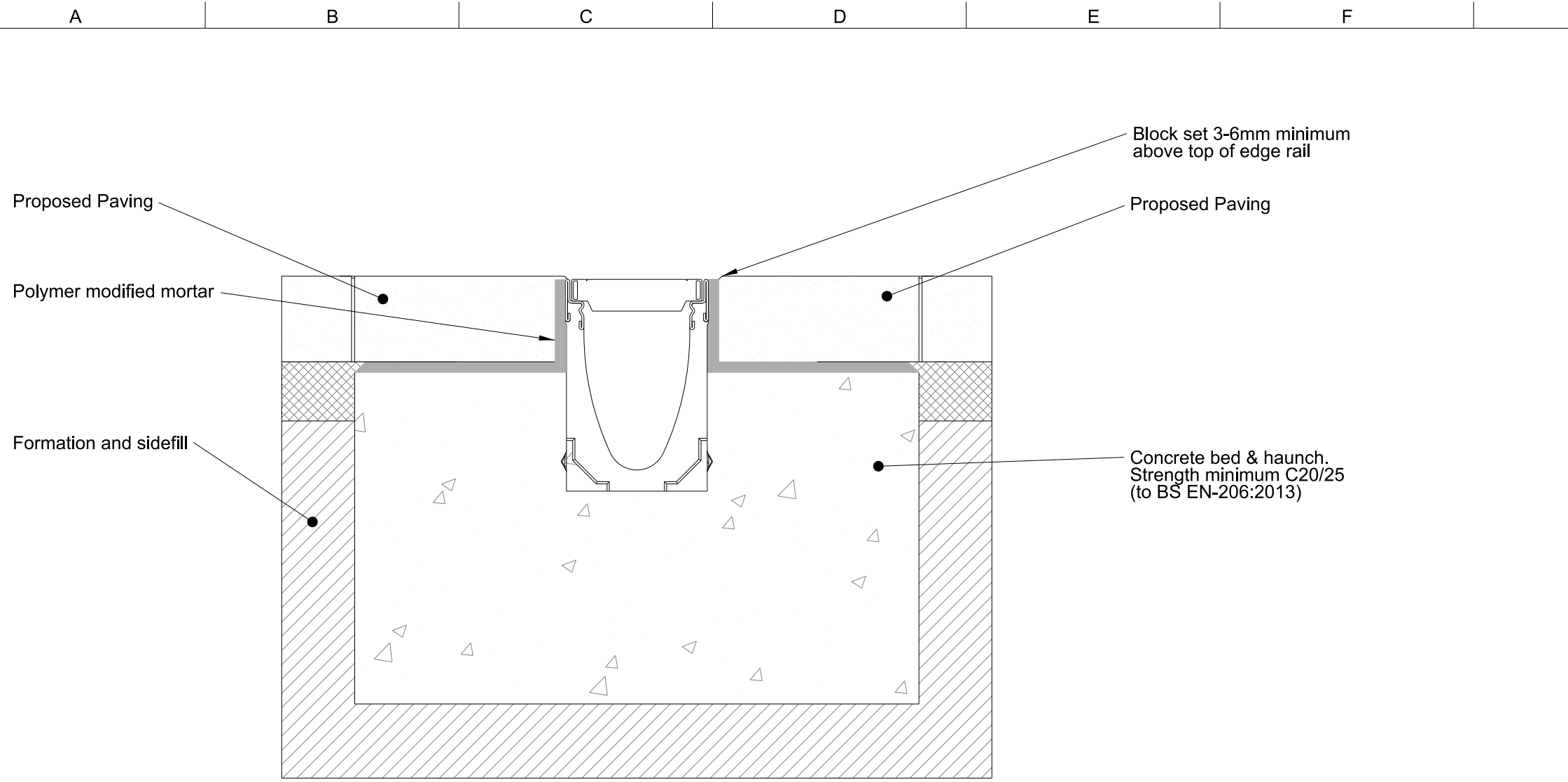
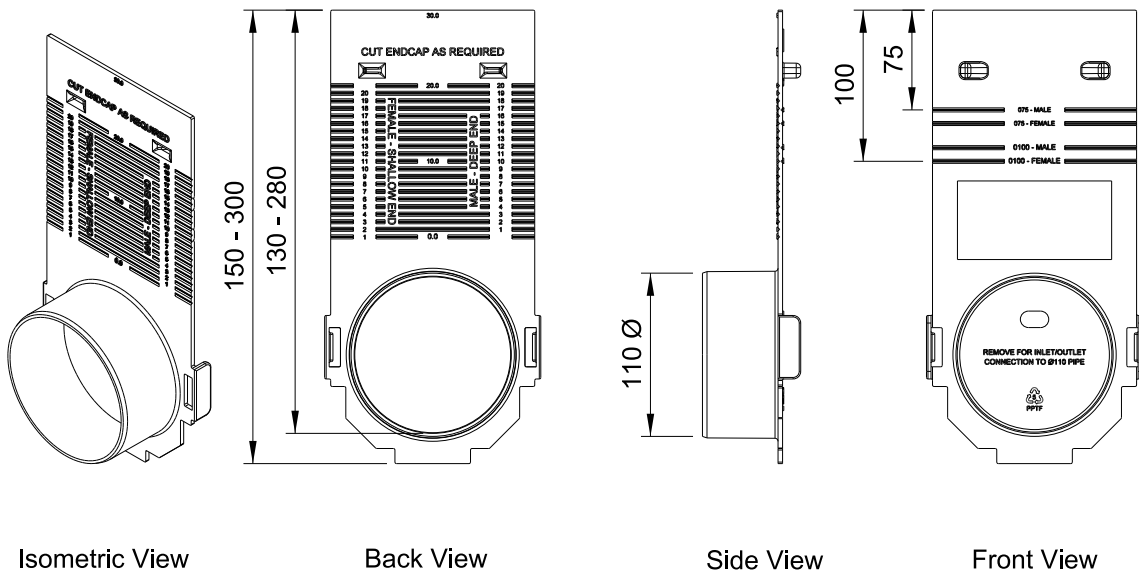


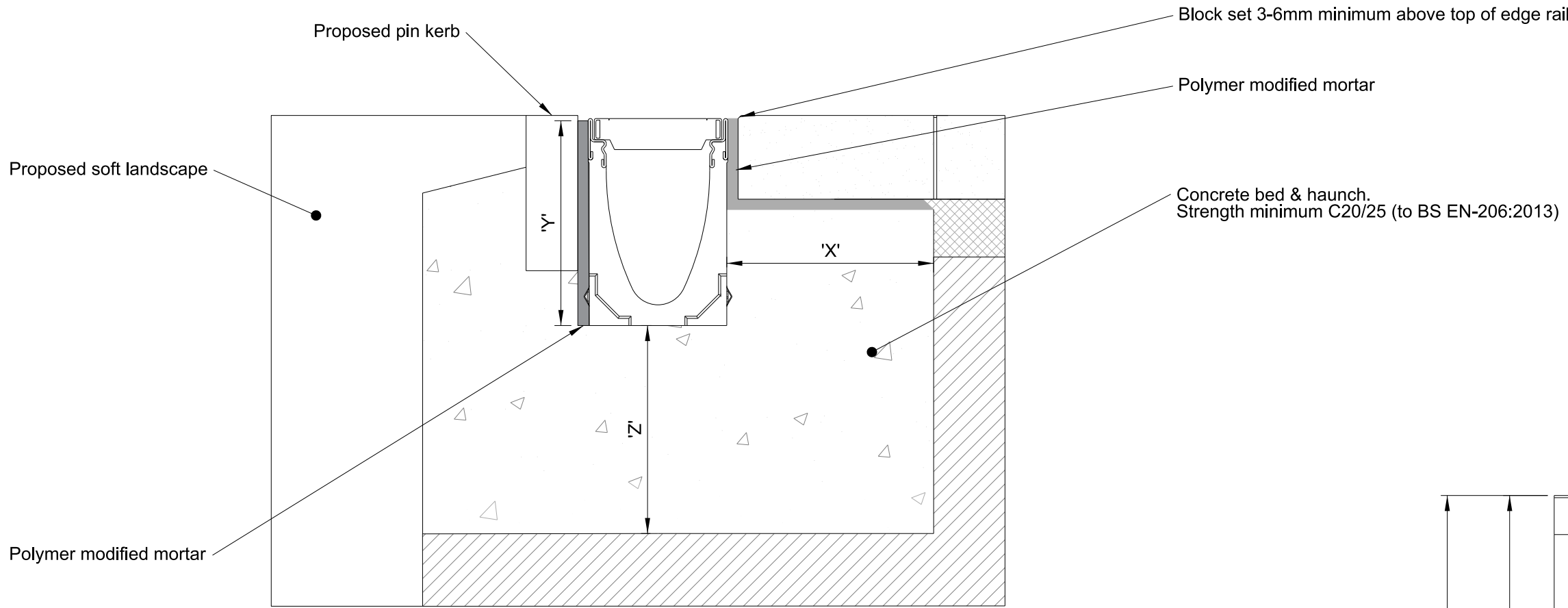
A1
1
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10
11



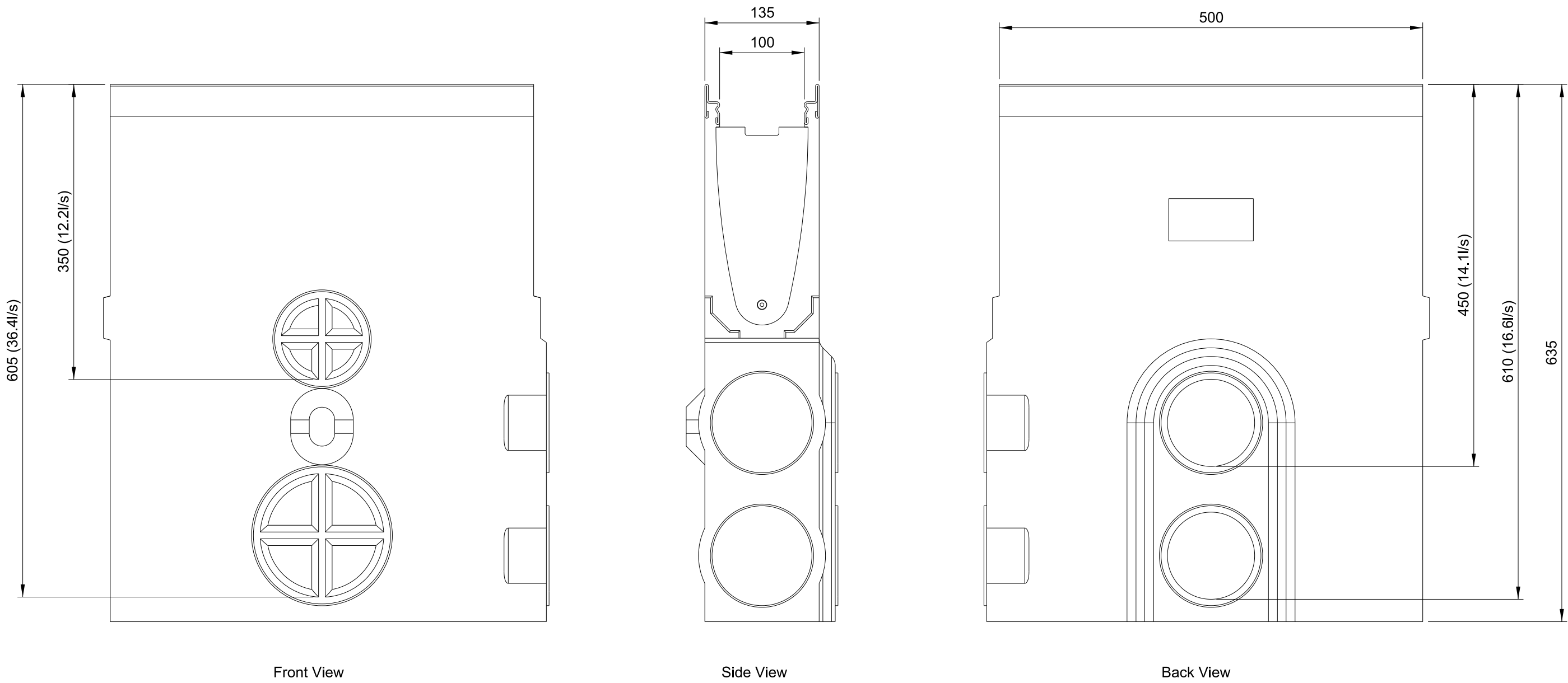
Channel Drain Detail - Paver-Paver



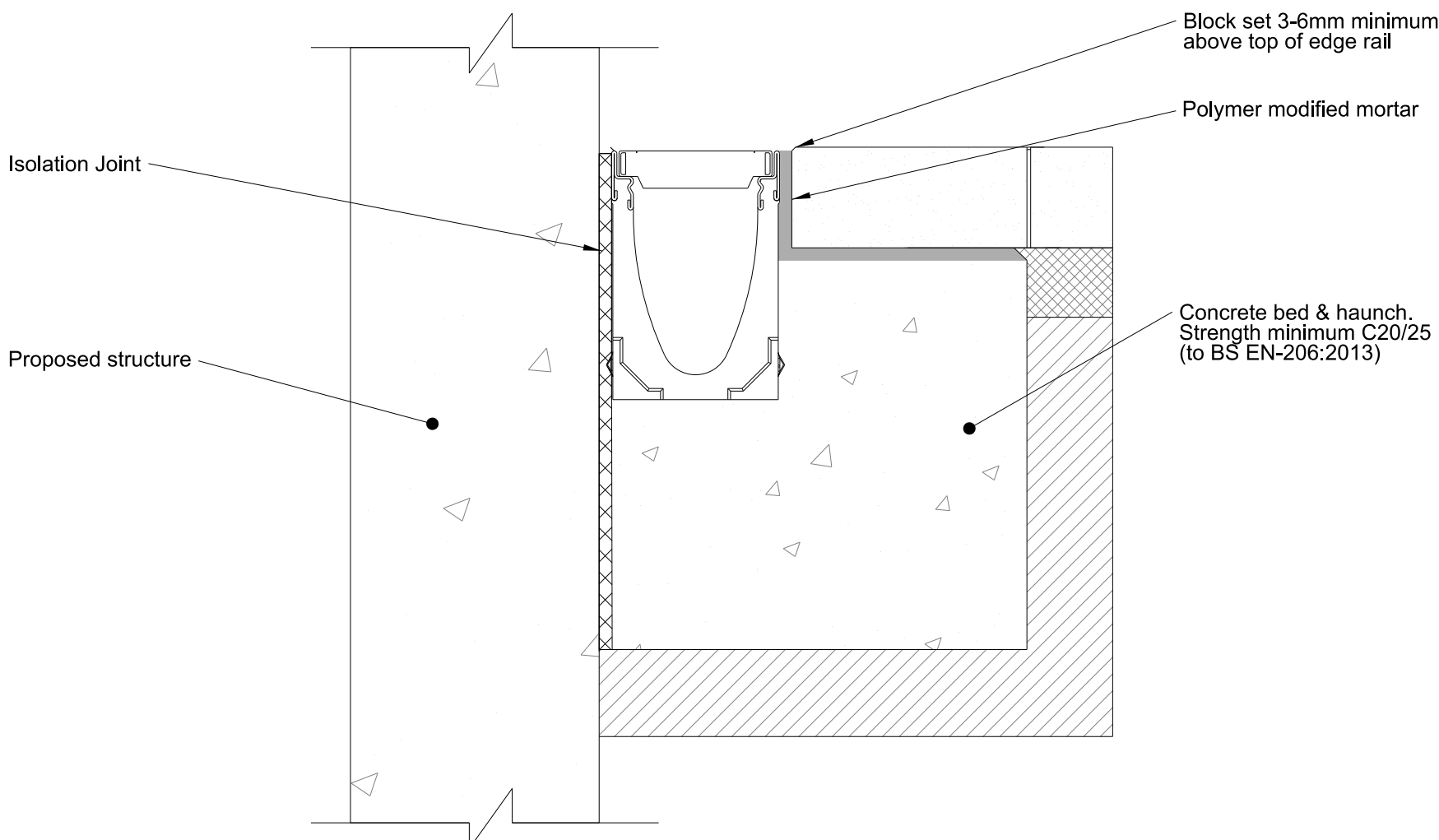
Channel Drain Detail - Endcap Unit



Channel Drain Detail - Paver-Soft Landscape



Channel Drain Detail - Universal Sump Unit



Channel Drain Detail - Paver-Retaining Wall

- Notes**
- All dimensions are in mm, all levels in mAOD, unless specified otherwise.
 - Do not scale from this drawing.
 - This drawing should be read in conjunction with all relevant Engineer's and Architect's drawings, reports and specifications
 - Concrete Requirements. Concrete to be in accordance with BS 8500 parts 1 and 2:
 - Concrete chemical class - Made ground: AC-3s DC-3
 - Natural ground: AC-1s DC-1
 - Blinding: GEN 1
 - Bases and Surround: GEN 3
 - Drainage construction materials, unless otherwise stated:
 - Drainage pipes - Polypropylene or PVC in accordance with BS 13476
 - Vitrified Clay in accordance with BS EN 295
 - Manholes - Precast Concrete
 - Inspection Chambers - Polypropylene in accordance with BS 7158
 - For the Infrastructure Specification refer to VNIF-ARP-ZZ-YYY-SP-C-0001. Where this drawing refers to a Clause/Figure/Table, this can be found in the "Design and Construction Guidance for foul and surface water sewers offered for adoption" - Rev 2.1 - dated 25th May 2021.
 - The channel must be isolated from the surrounding environment. An isolation joint must be positioned up to 1500mm from the channel wall. Any dowel bars must be located no nearer than 150mm from the channel wall. Other isolation joints in surrounding slab must be continued through the channel. Additional crack control may be required to comply with specifier requirements.
 - The channel must be supported laterally. Blocks laid directly against a channel must be laid as a soldier course and restrained from movement by bedding securely on the concrete haunch e.g. by using a polymer modified mortar for bed and perpendicular joints (e.g. RONAFIX mortar mix C or similar). Blocks or slabs bedded on sand remote from the channel should be set at a higher level to compensate for possible settlement of the paving in service.

Table 1

Load Class		A15	B125	C250	D400*
Minimum	X	100	150	150	200
Dimensions (mm)	Y	Full Channel Height (Less Y2 where applicable)			
	Z	100	150	150	200

* e.g. parking areas for all types of road vehicles. Not suitable for carriageway of roads or industrial areas.

P01	22/07/22	WS4 Issue to BAM	DH	RG	LS	—
P02	08/08/22	Issued for Technical Approval	ES	DH	RG	—
P03	10/10/22	Full WS4 Issue	ES	DH	RG	—
P04	20/10/22	Issued for Full WS4	ES	DH	RG	—
Rev	Date	Description	By	Chkd	Appd	Auth

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Client



Project Title
Victoria North HIF Infrastructure & Enabling Works

Drawing Title
Proposed Channel Drain Details

Scale at A1		1:10		Anup Job No		282022-00		
Role		Civil - Drainage						
Suitability		S4 - Issued for Construction Approval						
Rev	P04	By	ES	Chkd	DH	Appd	RG	---
		Date	19/10/22	Date	20/10/22	Date	20/10/22	---
Name								
VNIF - ARP - 00 - YYY - DR - CD - 0048								
Project	Originator	Volume	Location	Type	Role	Number		