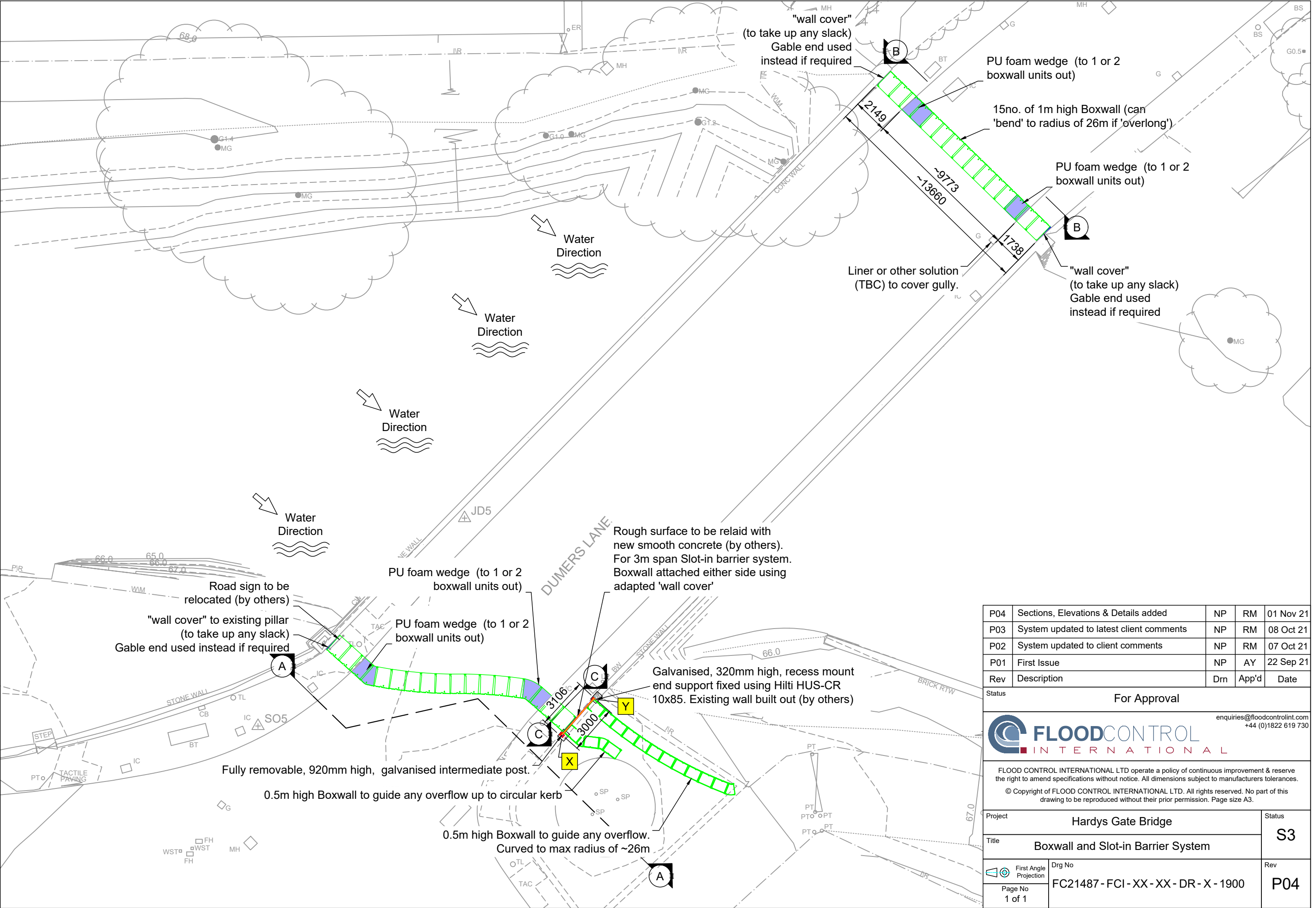




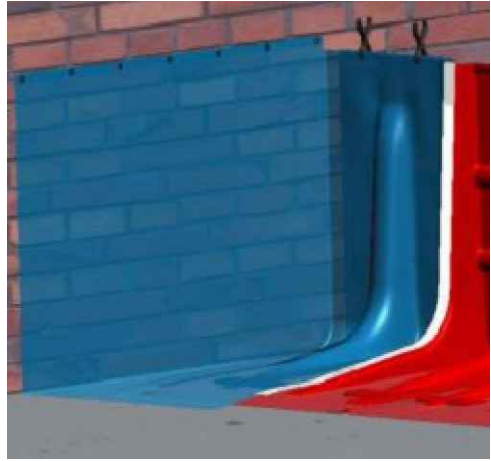
P04	Sections, Elevations & Details added	NP	RM	01 Nov 21
P03	System updated to latest client comments	NP	RM	08 Oct 21
P02	System updated to client comments	NP	RM	07 Oct 21
P01	First Issue	NP	AY	22 Sep 21
Rev	Description	Drn	App'd	Date

Status For Approval

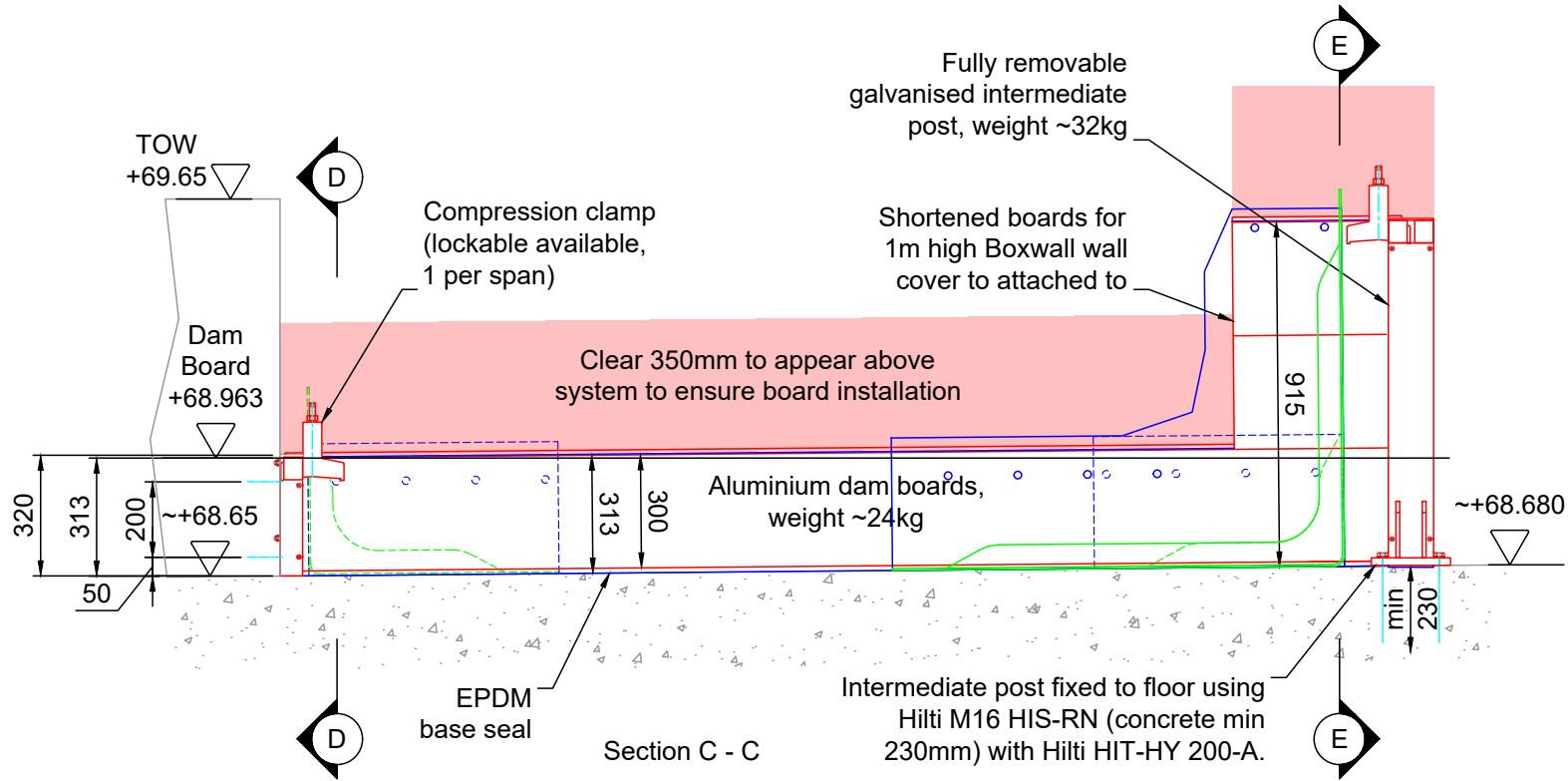
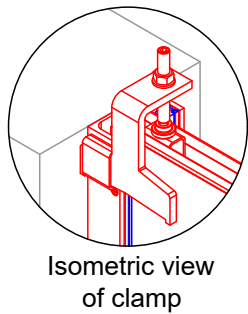
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Project	Hardys Gate Bridge	Status	S3
Title	Boxwall and Slot-in Barrier System	Rev	P04
Page No 1 of 1	Page No 1 of 1	Drng No FC21487-FCI-XX-XX-DR-X-1900	

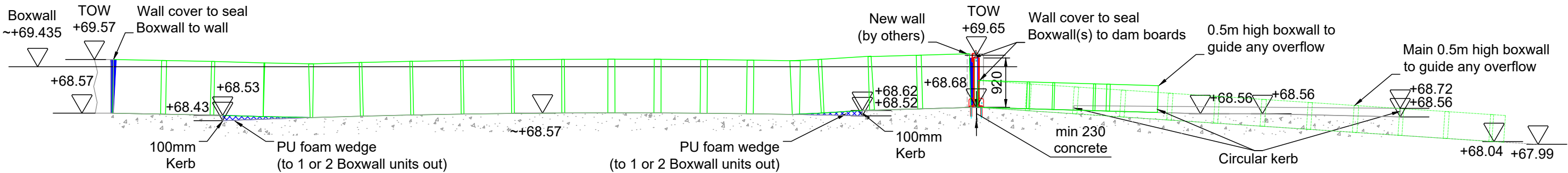


Picture image of wall cover sealing Boxwall to wall (LHS from wet side)

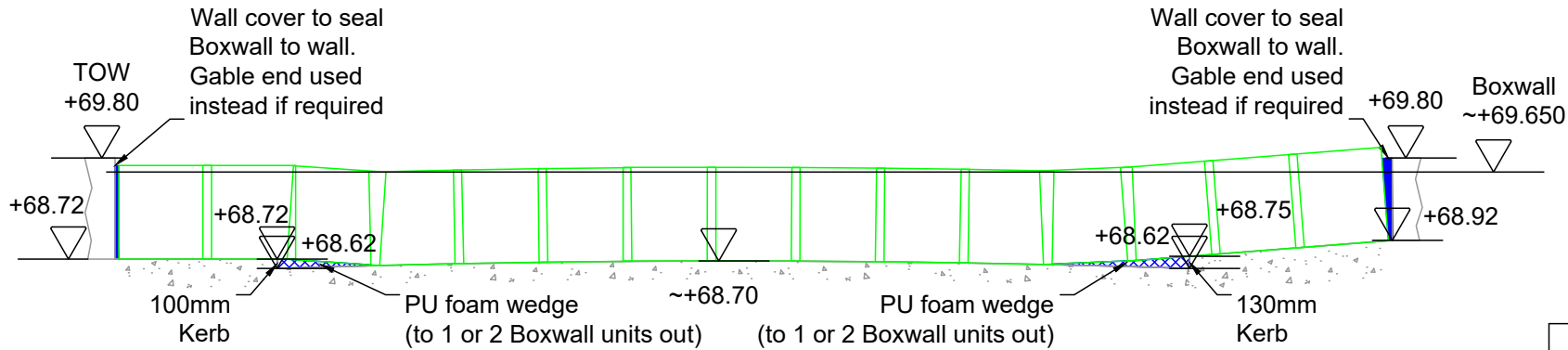


- Notes:
1. Walls & floor prepared with Sika Primer (if necessary) and sealed with grey Sikaflex at end support locations.
 2. Structural foundations and/or walls required are to be built and checked by others. Dimensions shown are minimum for fixings criteria which does not include any structural check such as sliding, overturning and bearing checks which must be carried out by a third party/others.
 3. It is the client's responsibility to check wall strength and stability to withstand flood loading. Loads available on request.
 4. Finished floor and walls to have a smooth, flat, level, impervious surface. $\pm 5\text{mm}$ tolerance across barrier length off of plumb.

Fixing Schedule		
Item	Fixing	Qty.
1	Hilti HUS-CR 10x85	2
2	Hilti M16 HIS-RN with HIT-HY 200-A	4
3	M16x50 hex bolt A4	4
4	M16 washer A4	4
5	M16 flat head blanking bolt A4	4
6	M8x70 button head bolt A4	2
7	M8 washer A4	2



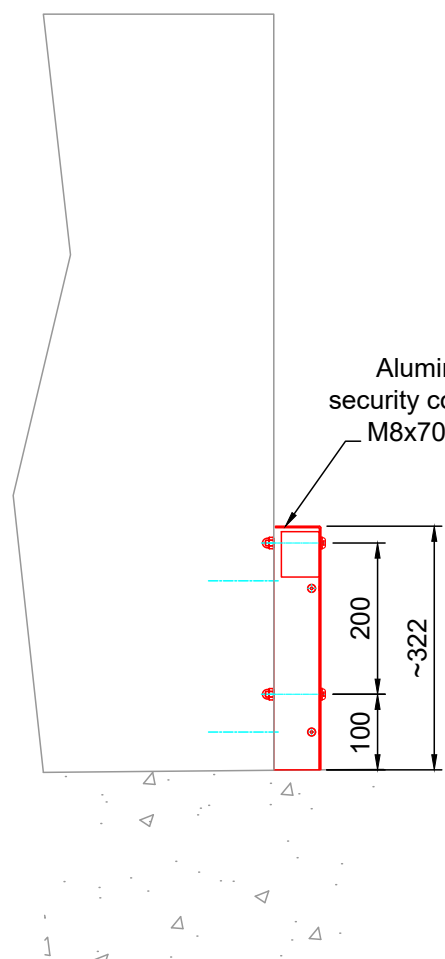
Section A - A (Indicative)



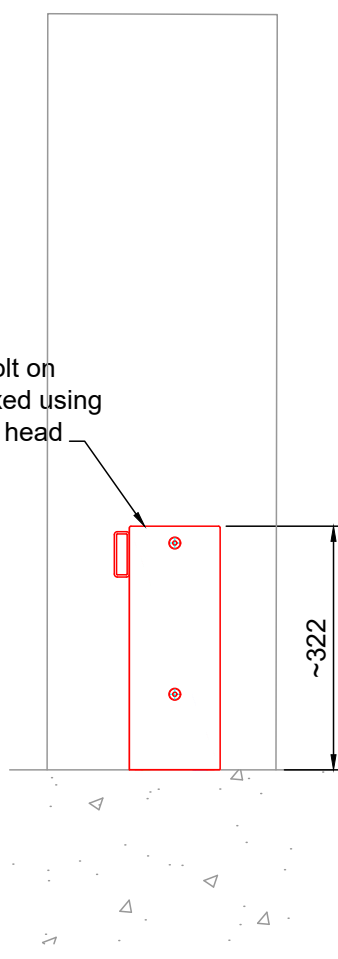
Section B - B (Indicative)

Tools required	
24mm spanner for clamp & M16 bolts	
8mm Allen key for clamp	
5mm Allen key for covers	
Flat head screwdriver for blanking bolts	

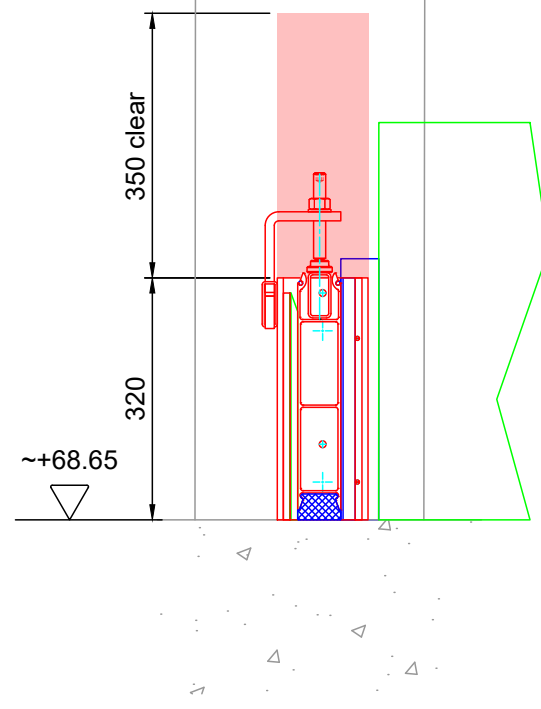
Status		For Approval	
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Project	Hardys Gate Bridge		Status
Title	Boxwall and Slot-in Barrier System		S3
 First Angle Projection	Drg No FC21487-FCI-XX-XX-DR-X-1900		Rev P04
Page No 2 of 3			



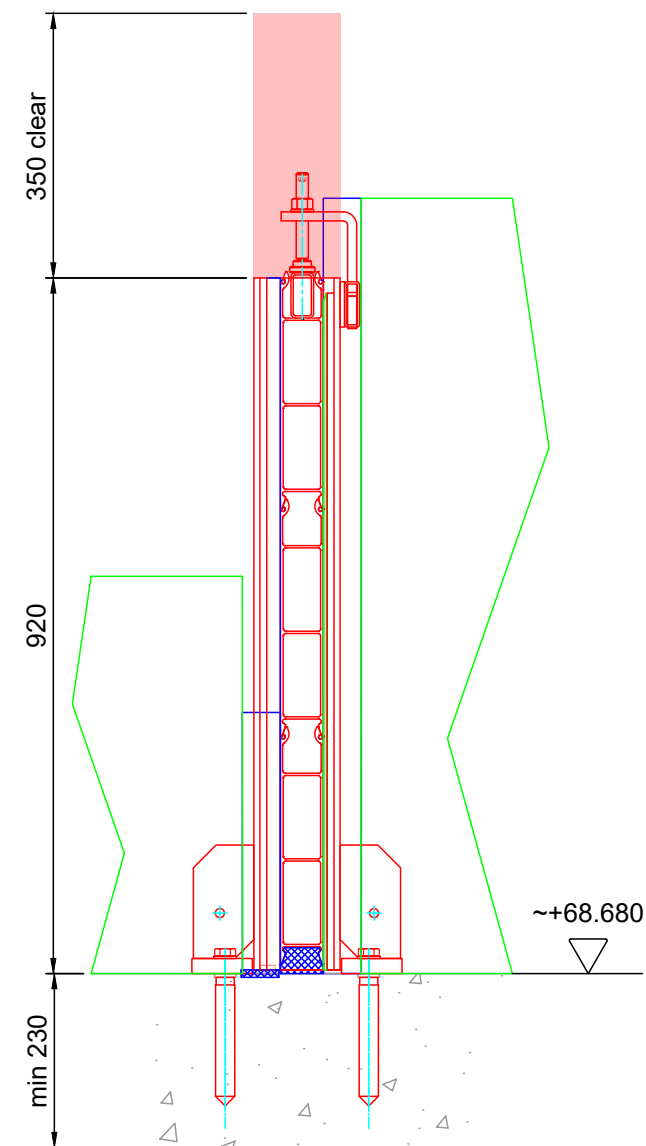
LHS Elevation
Dam board not in place



Section A - A
Dam board not in place

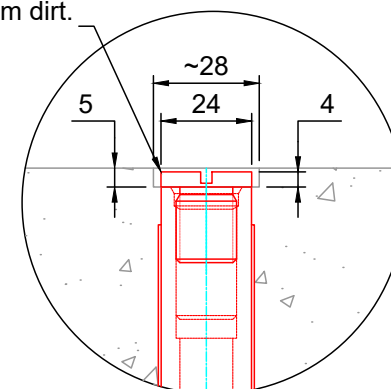


Section A - A
Boxwall sits in front of end
channel attaches to dam
boards using 'wall cover' sheet

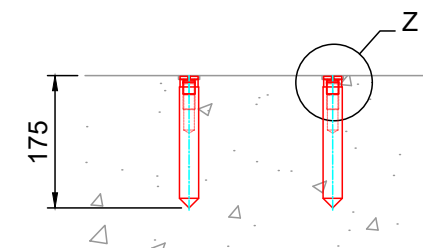


Section B - B
Boxwall sits in front of post
and attaches to dam boards
using 'wall cover' sheet

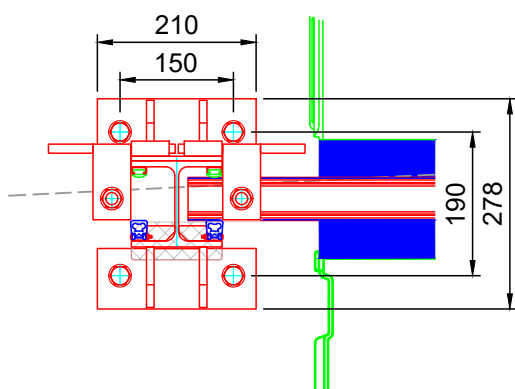
When removable posts
are withdrawn, blanking
bolts are used in the
fixing anchors to
protect them from dirt.



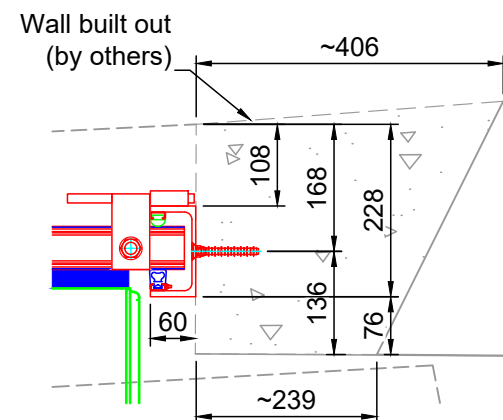
Detail Z



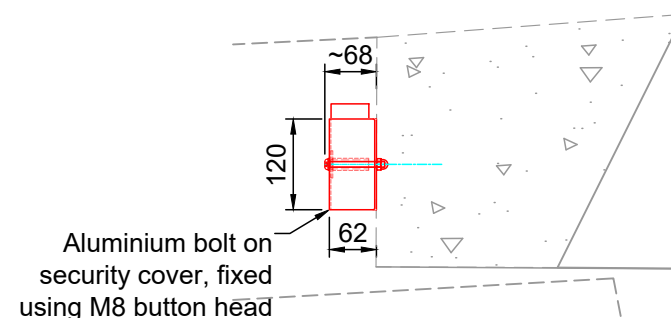
Section B - B
Post not in place



Detail X



Detail Y



Detail Y :
Barrier & Boxwall not in place

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Project	Hardys Gate Bridge		Status
Title	Boxwall and Slot-in Barrier System		S3
 First Angle Projection	Drg No	Rev	
Page No 3 of 3	FC21487- FCI- XX- XX- DR- X- 1900		P04