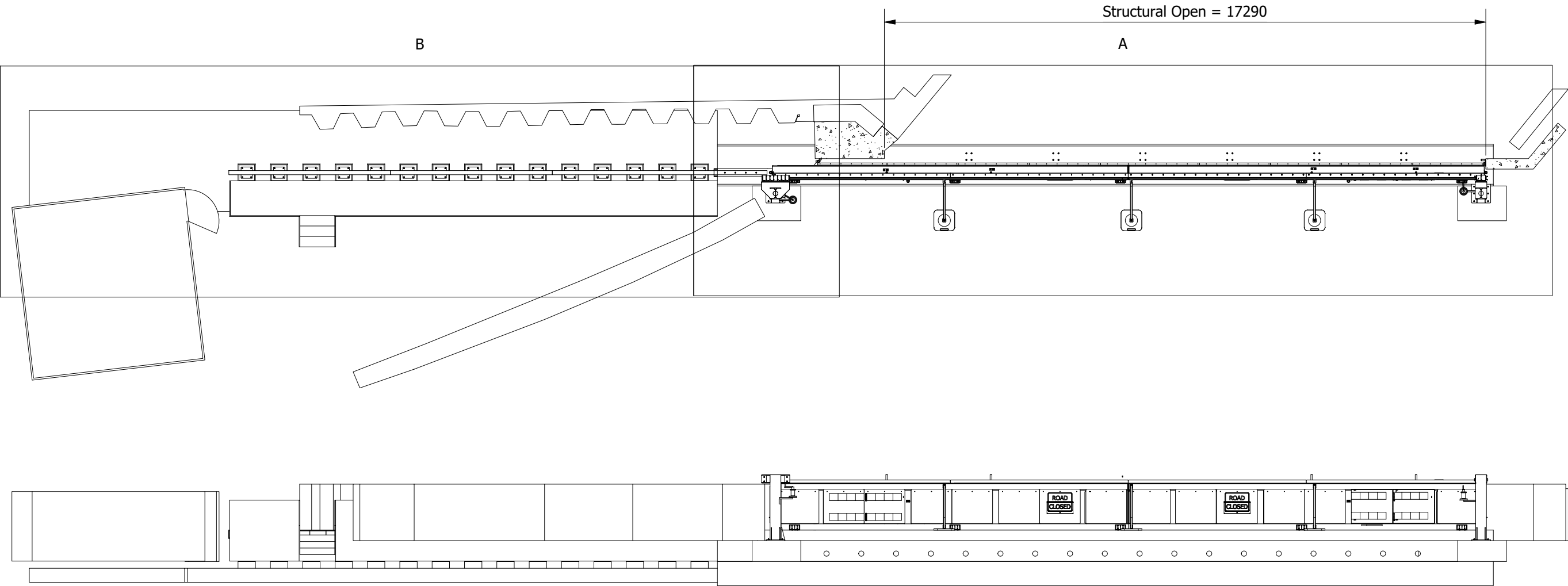
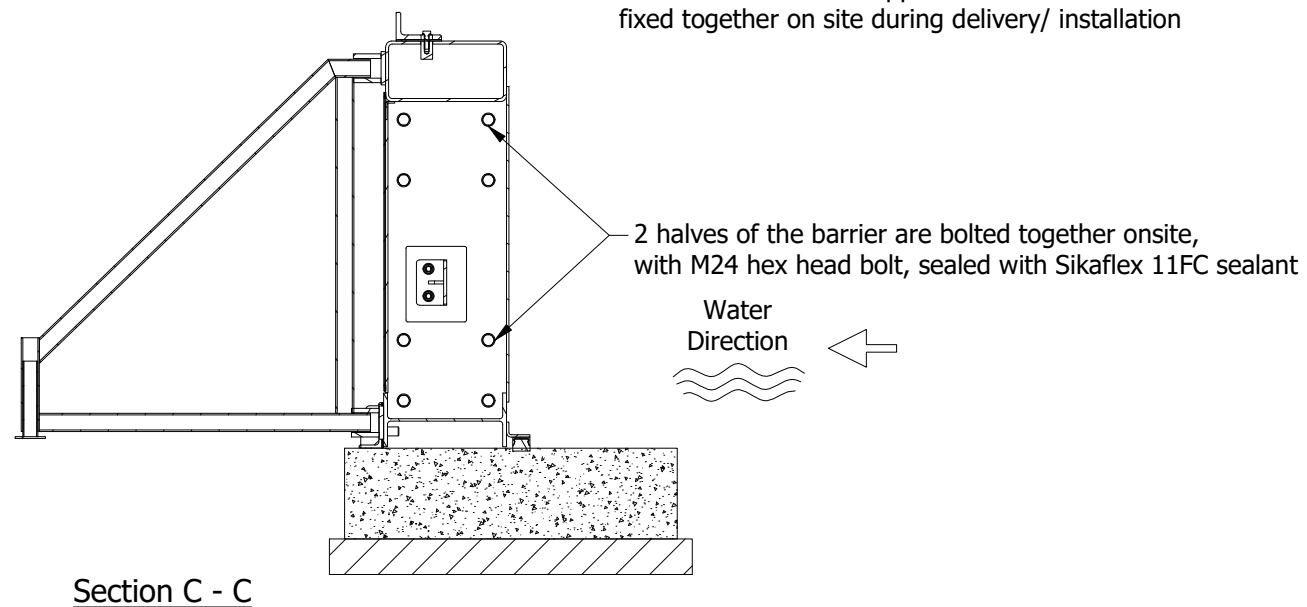
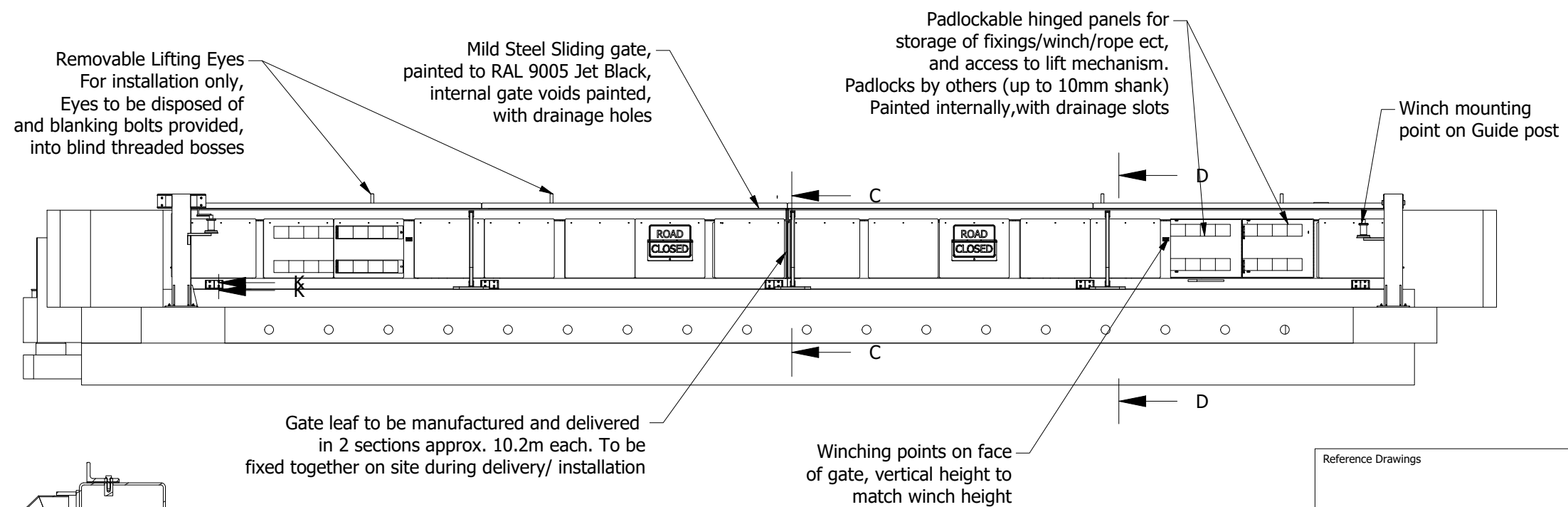
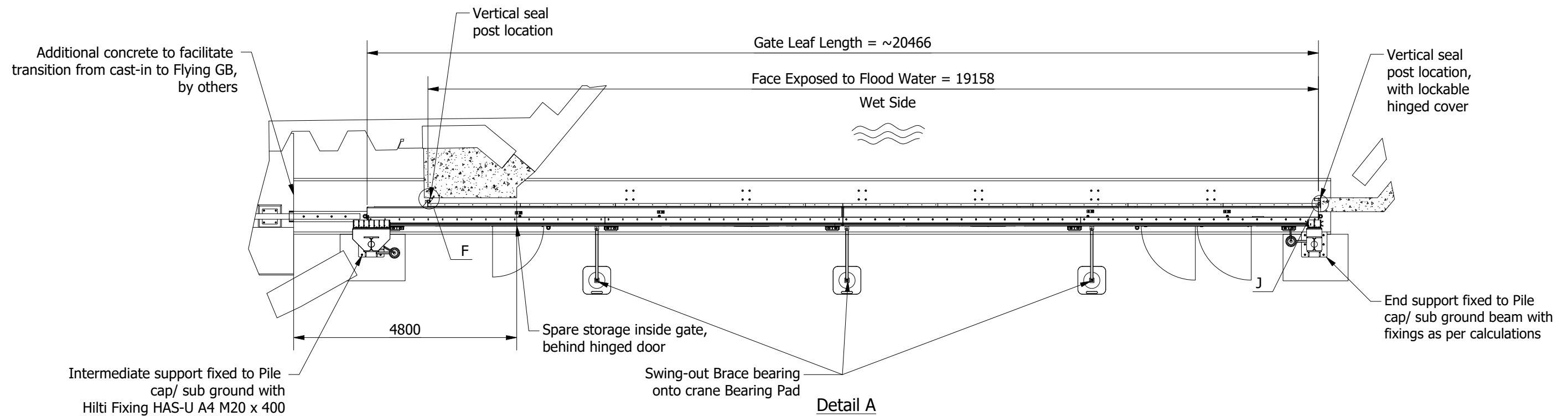


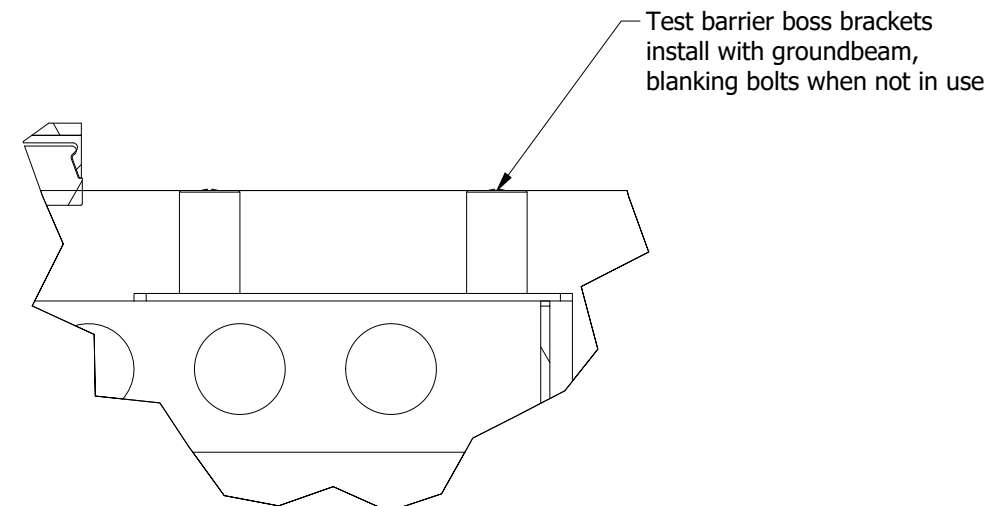
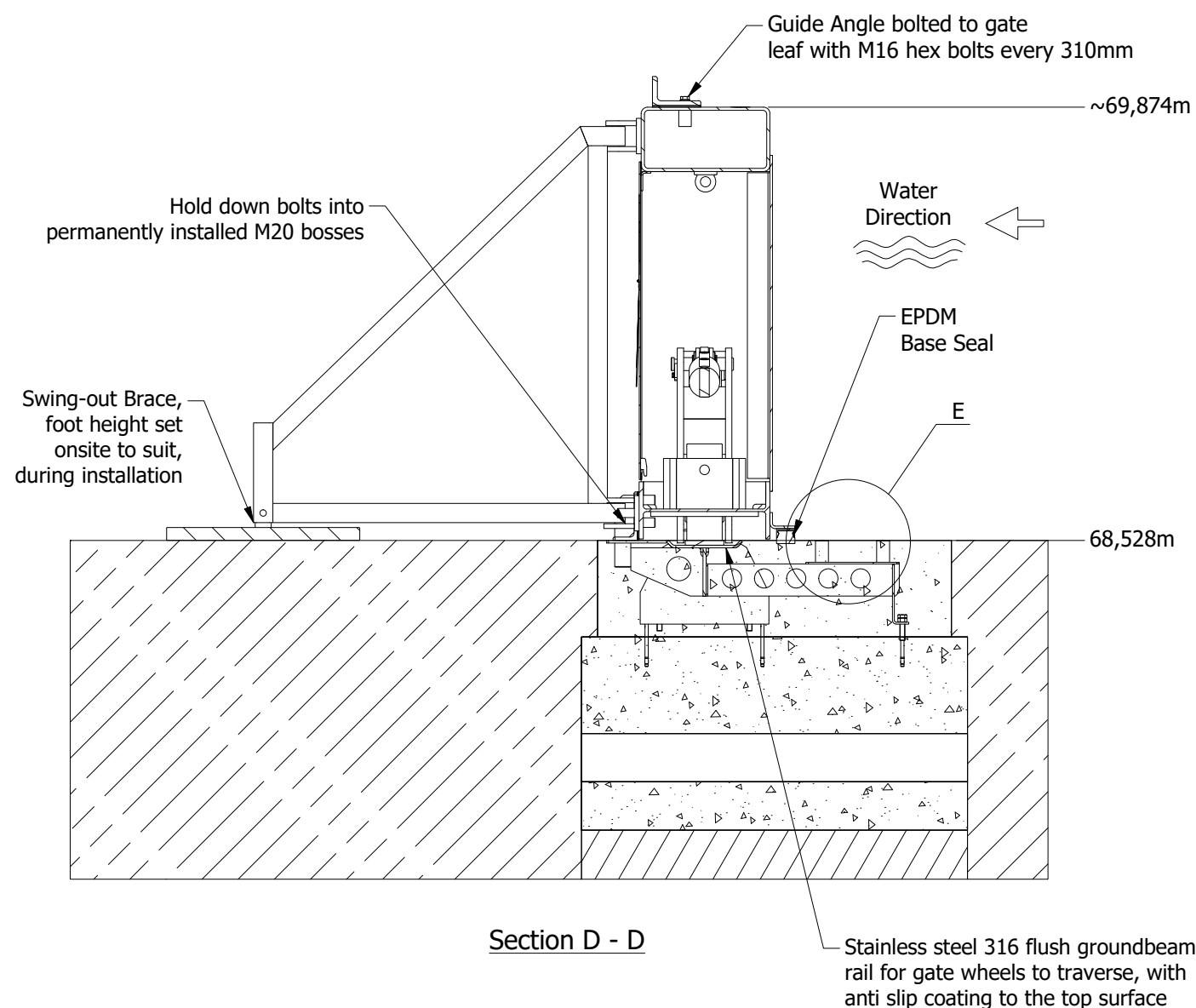


- Weights.
- Sliding gate sections 3750kg each
 - Intermediate support post 650kg
 - End support post 450kg
 - Vertical sealing posts 40kg each
 - Crane bearing pads 13kg

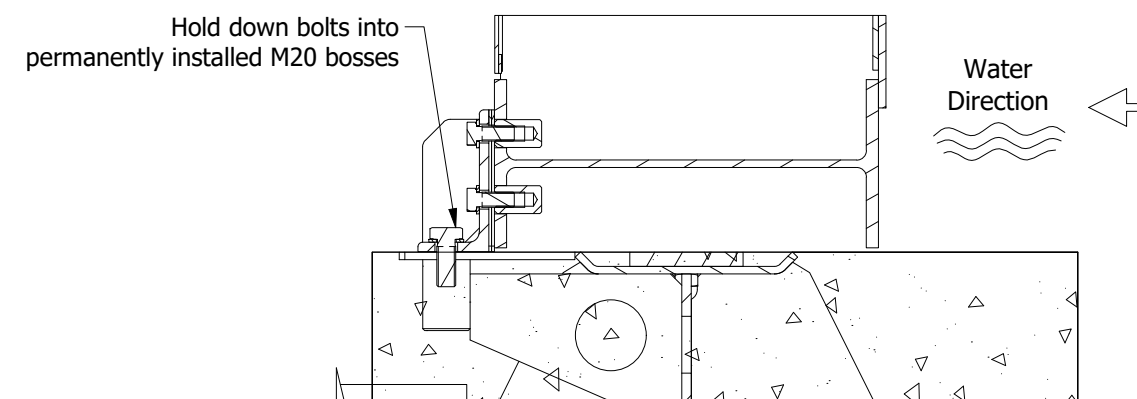
P05	Updated Detail Design	KS	JG	27 Nov 24
P04	Detail Design	KS	JG	26 Jul 24
P03	Extra Seal Details Added	KS	JG	02 Jul 24
P02	Details Updated	KS	JG	27 Jun 24
P01	First Issue	KS	JG	22 Mar 24
Rev	Description	Drn	App'd	Date
Reference Drawings				
Status				
For Approval				
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Project				
Hardy's Gate Bridge				
Title				Status
Double Lift Hinge Barrier				S4
Part No.				
24-A050356				
Page No.		Drg No.		Rev
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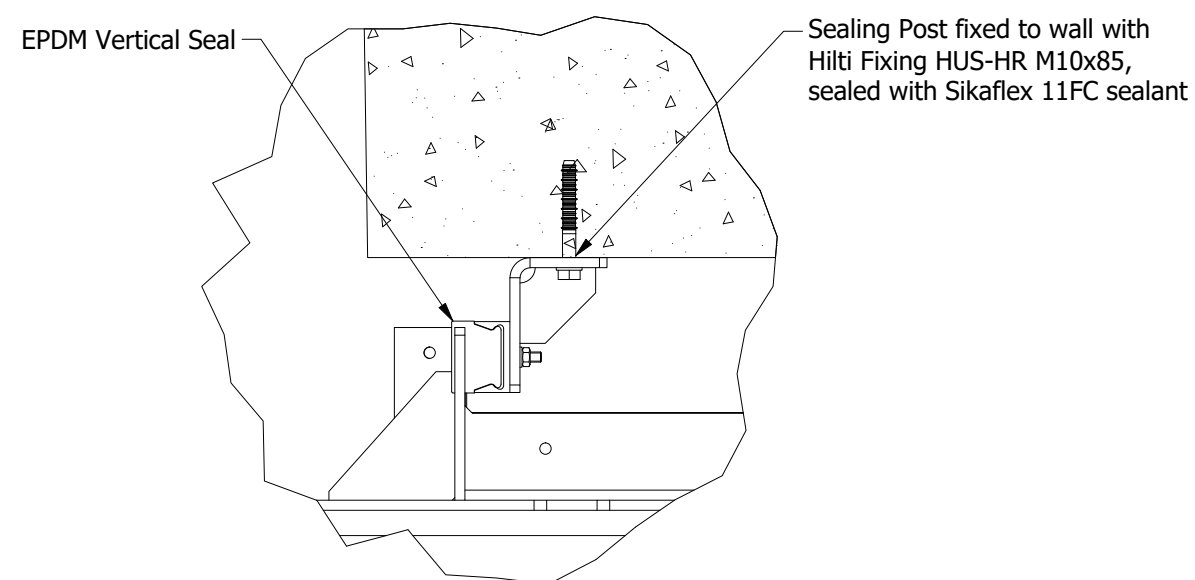
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Project		Hardy's Gate Bridge	
Title		Double Lift Hinge Barrier	Status
Part No.		24-A050356	S4
Page No.	Drg No.	Rev	
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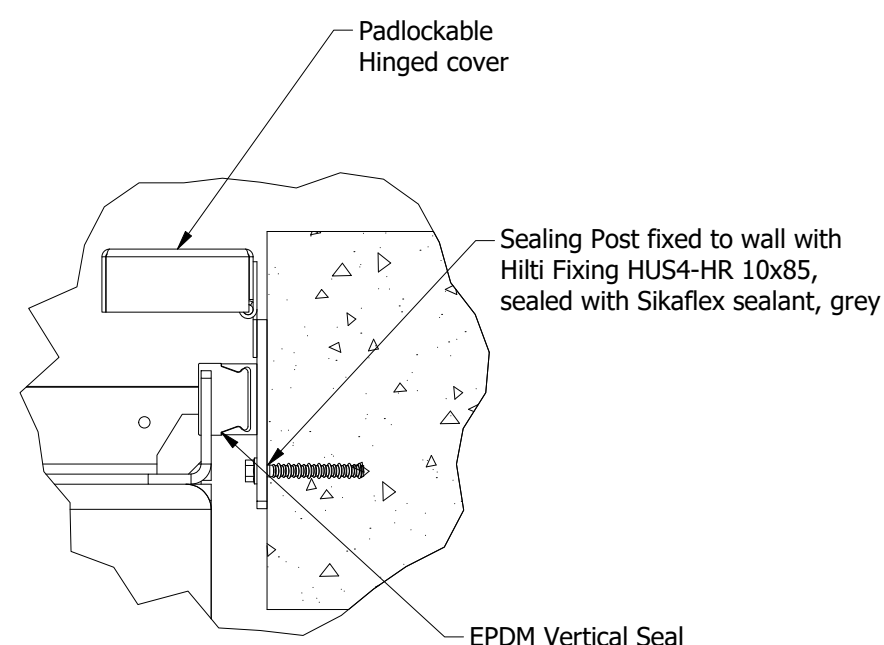
Detail E



Section K - K

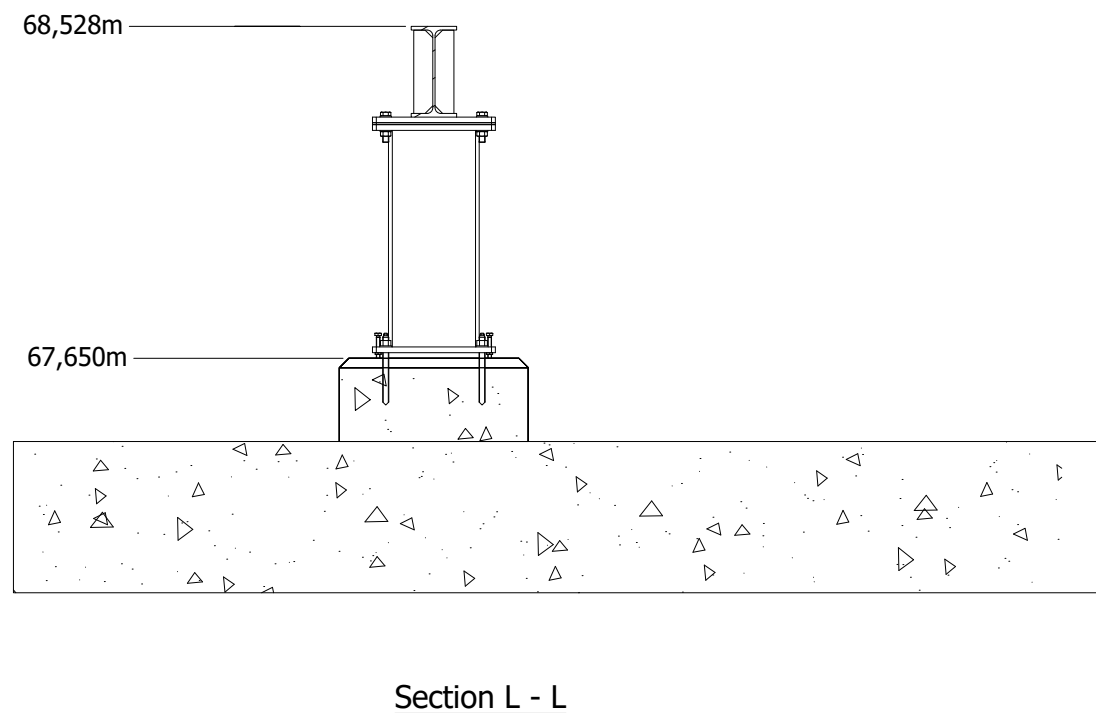
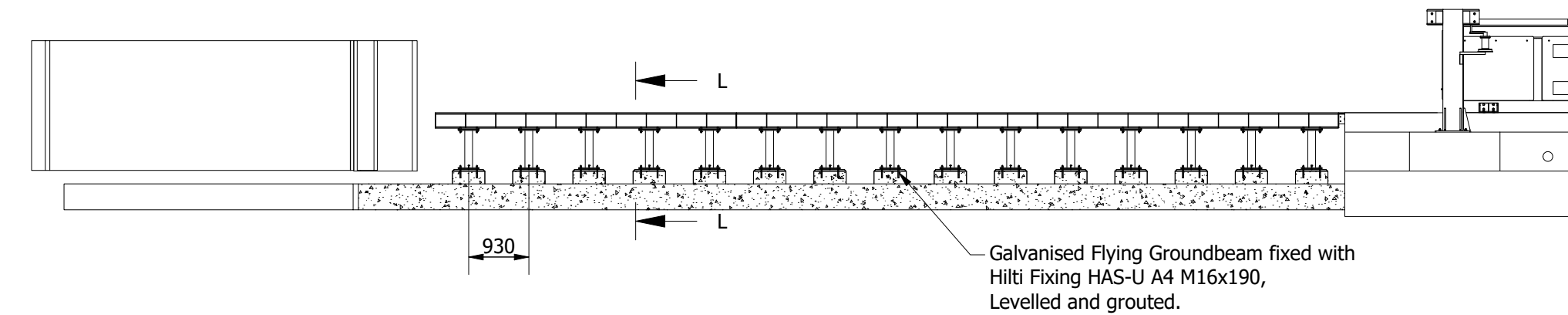
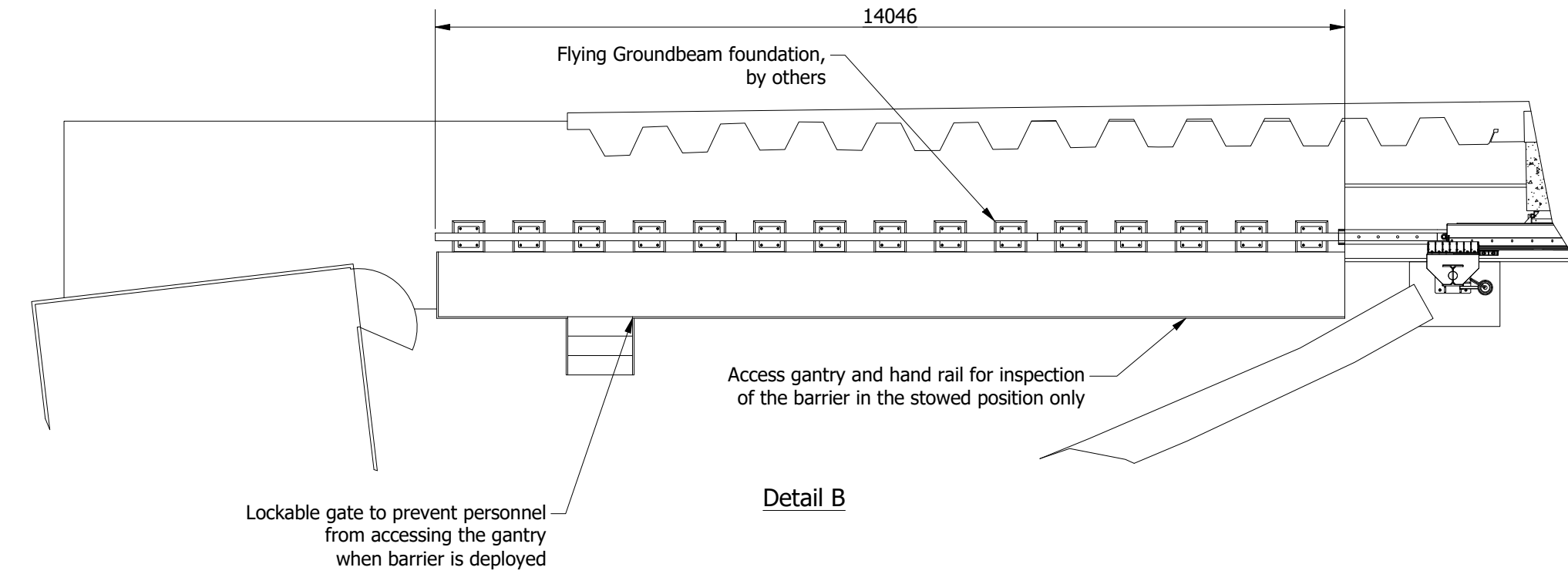


Detail F

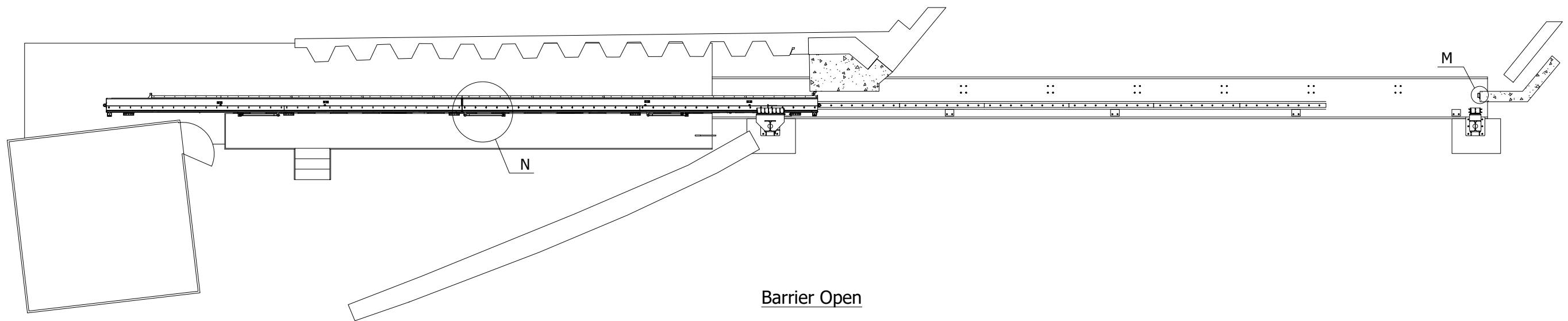


Detail J

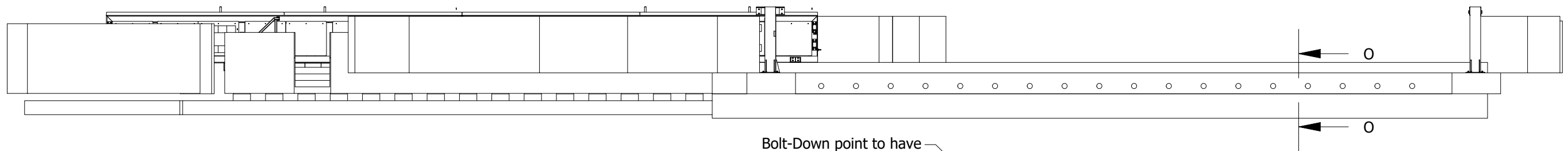
Reference Drawings			
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Title		Double Lift Hinge Barrier	Status
Part No.		24-A050356	S4
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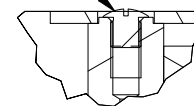
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Title		Double Lift Hinge Barrier	Status
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Barrier Open

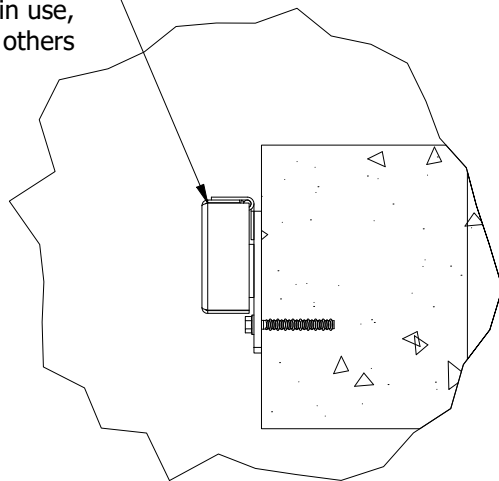


Bolt-Down point to have
Blanking Bolt,
when barrier not in place



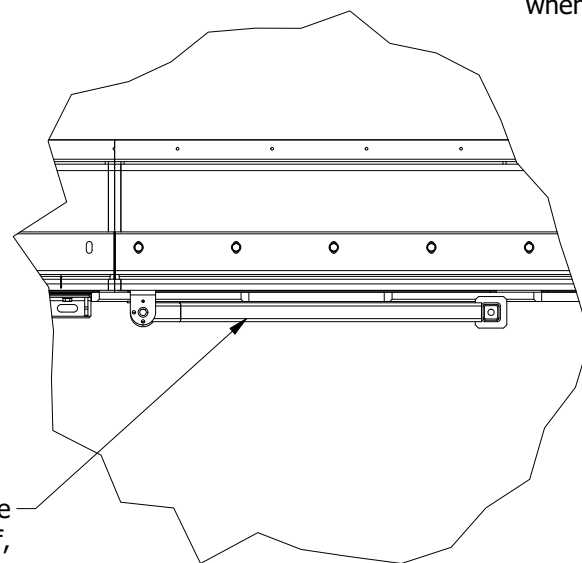
Detail P

Hinged padlockable
cover closed,
when barrier not in use,
padlock by others

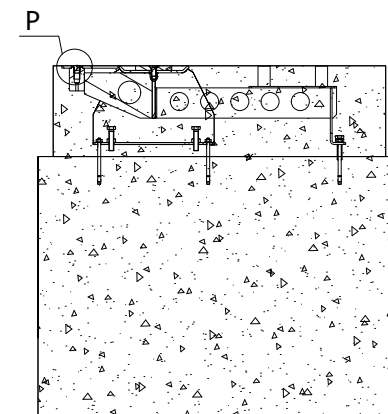


Detail M

Back Brace
folds flat to barrier leaf,
when not in use

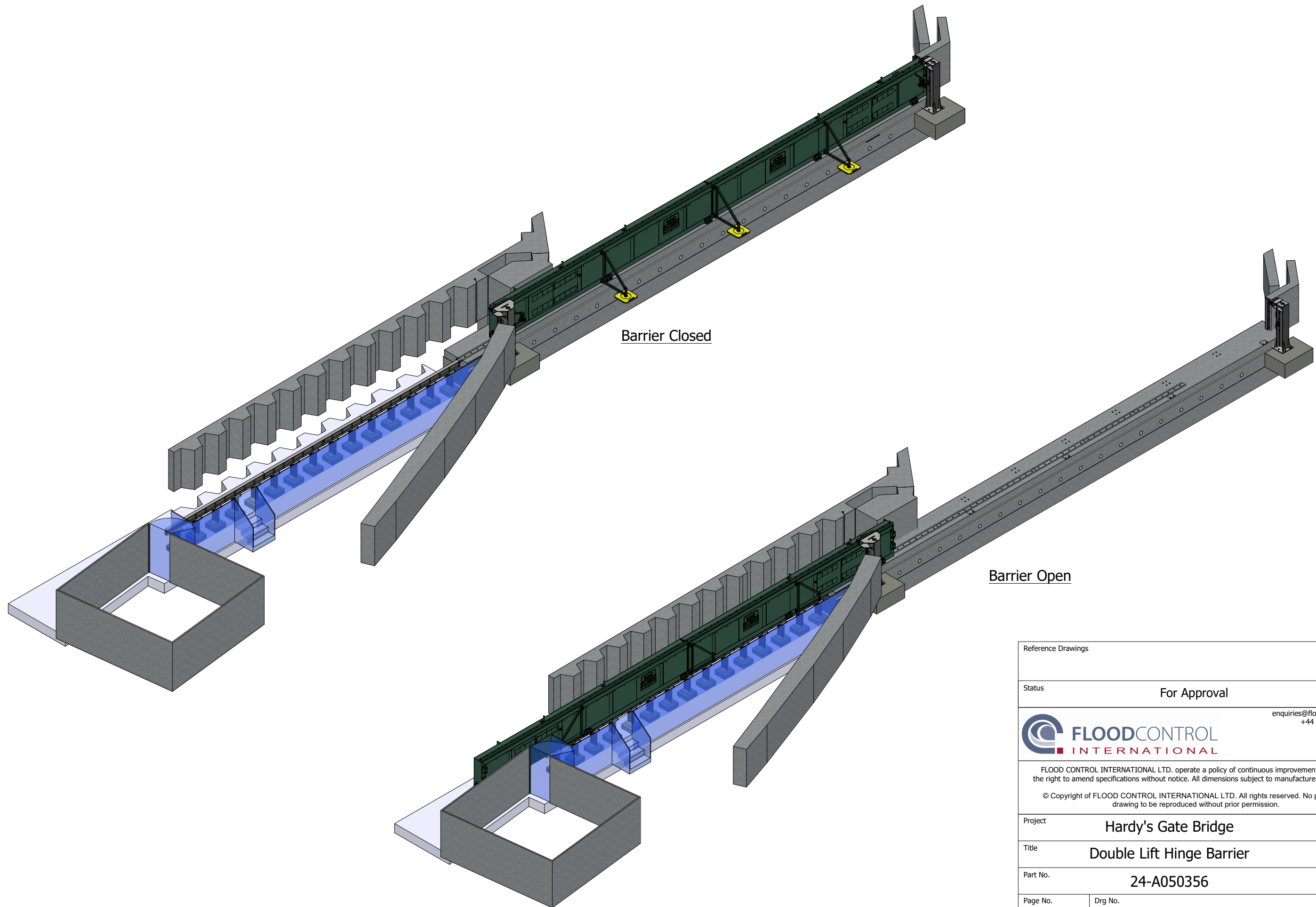


Detail N



Section O - O

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Title		Double Lift Hinge Barrier	Status
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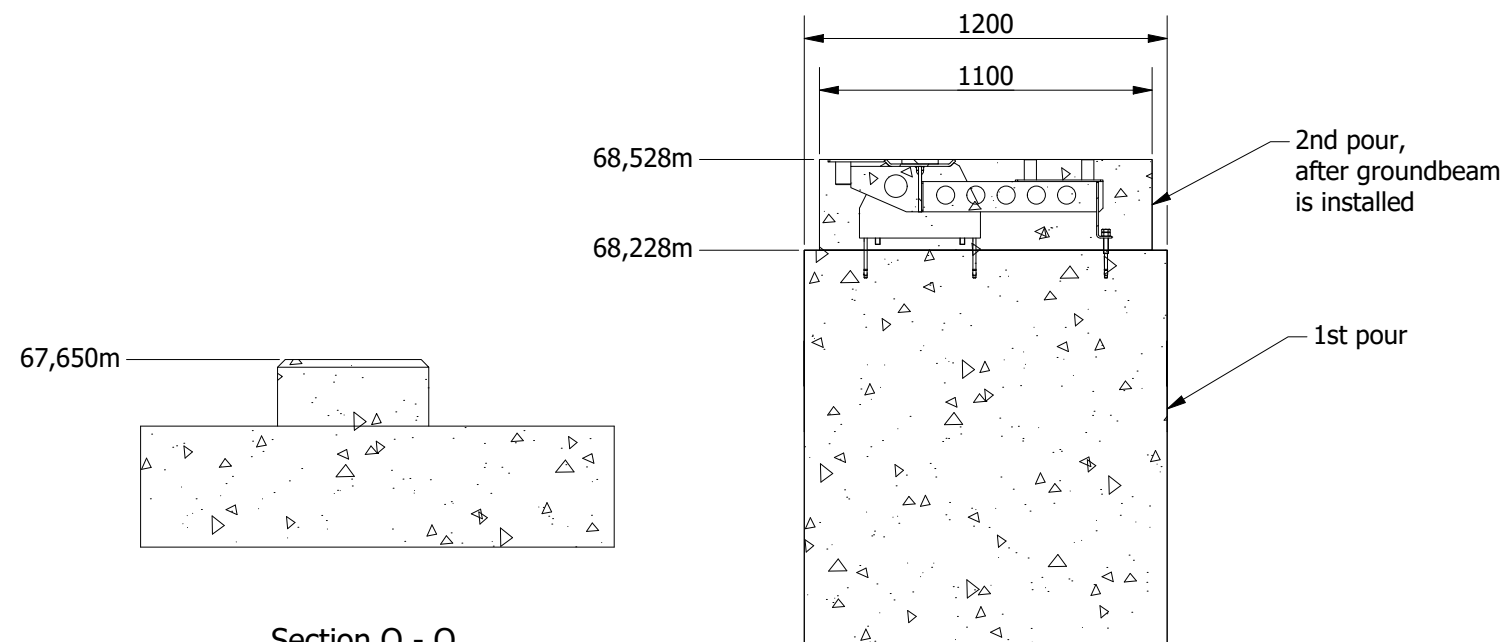
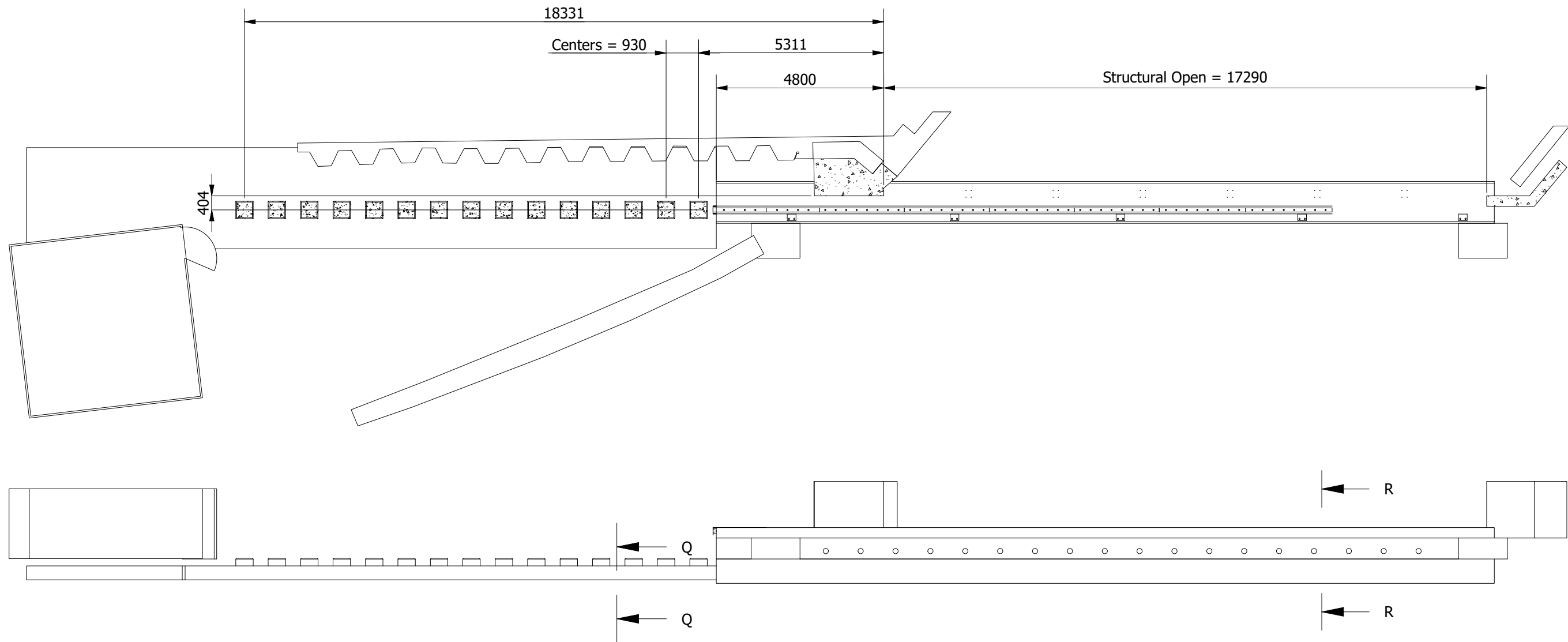


Barrier Closed

Barrier Open

Note.
1. Colours are for clarity

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Title		Double Lift Hinge Barrier	Status
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LEVELING TOLERANCES
 $\pm 3\text{mm}$ over length of ground beam (left to right)
 $\pm 1.5\text{mm}$ over width of ground beam (wet to dry)
 $+5\text{mm}/-0\text{mm}$ height above F.F.L.

POSITIONAL TOLERANCES
 $\pm 5\text{mm}$ left to right (parallel with opening)
 $\pm 3\text{mm}$ wet to dry (through/opening)

Note:
Leveling of the ground beam is critical to the performance of the flood gate
- Ground beam MUST NOT be set lower than F.F.L.

Section Q - Q

Section R - R

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Title		Double Lift Hinge Barrier	Status
Part No.		24-A050356	S4
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