Safety, Health & Environmental Information

It is assumed that all works will be carried out by a competent contractor working,

where appropriate, to an approved method statement. In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following risks and information:

**CONSTRUCTION** 

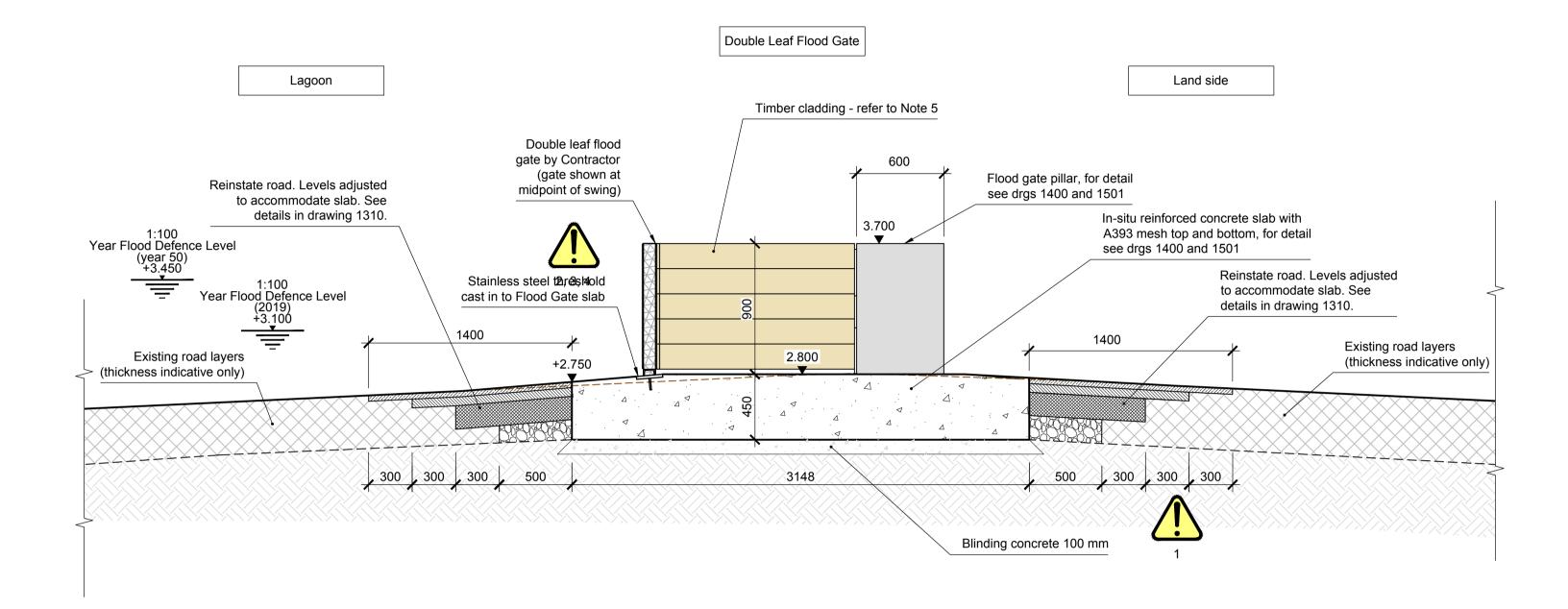
1 Buried services (DHER Ref 5)

MAINTENANCE

2 Floodgate maintenance adjacent to highway. (DHER Ref 19)

OPERATION

- 3 When securing flood gate ensure foreshore is clear of persons (DHER Ref 18)
- Base plate and seals to be maintained regularly before operation.



1:25

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Cross section - CH 31.078 D 1021

## Notes

- All dimensions are in millimetres unless noted otherwise.
- All levels are in metres relative to Ordnance Datum (OD).
- For Site Location and Plan see drawing 1001.
- All surface types assume foundation of CBR  $\geq$  5% for Made Ground (cohesive) and CBR  $\geq$  20% for Made Ground (granular).
- All structural concrete to be C32/40 and blinding concrete shall be C8/10 as detailed in the Works Information
- Timber cladding to be factory fitted on to the gate with a border around the outside, each timber to be fitted with stainless steel button heads. Timber to be sourced from sustainable hardwood (e.g. Sapele). Timber cladding to incorporate hinged section to reveal "Road Closed" signs when floodgates are deployed. Hinged section to be securable in open and closed positions.

-2.59⊥ LAT Tide Bar

 $\wedge$ 

+2.40 🕂 HAT

+1.99 + MHWS

+1.14 🕂 MHWN

-0.83 🕂 MLWN

-2.00 + MLWS

+0.17 + MSL

Structural concrete (ron structural)       Class 6N Fill Existing road/pavement layers         Asphalt layers       Soil         Asphalt layers       Soil         Asphalt layers       Soil         Asphalt layers       Soil         Precast panel       Structural concrete (roview)         Structural concrete (roview)       General Arrangement Plan - Area of Interest Road Kerb Detail Drawings         405363-MMD-AS-XX-DP-C-1021 (ASS363-MMD-AS-XX-PR-C-1001       General Arrangement Plan - Area of Interest Road Kerb Detail Drawings         405363-MMD-AS-XX-PR-C-1001       Beinforcement Drawings - Sheet 2 of 2 Designer Hazard Elimination Record         125		to symbols						
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Asphalt layers       Topsoil         Asphalt layers       Granular sub-base         Precast panel       Existing wall         Structural concrete       Existing wall         405363-MMD-AS-XX-DR-C-1021       General Arrangement Plan - Area of Interest         405363-MMD-AS-XX-DR-C-1021       Reference drawings         405363-MMD-AS-XX-DR-C-1021       General Arrangement Plan - Area of Interest         405363-MMD-AS-XX-DR-C-100       Foodyate Drawings         405363-MMD-AS-XX-DR-C-100       Foodyate Drawings         405363-MMD-AS-XX-RA-C-0001       Designer Hazard Elimination Record         125				,			layers	
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Precast panel       Existing wall         Precast panel       Precast panel         Precast panel       Existing wall         Precast panel       Precast panel         Precast panel       Existing wall         Precast panel       Precast panel         Precast panel		A	sphalt lay	ers		Topsoil		
Structural concrete (in view)       Structural concrete (in view)         405363-MMD-AS-XX-DR-C-1010 405363-MMD-AS-XX-DR-C-1010 405363-MMD-AS-XX-RA-C-0001       General Arrangement Plan - Area of Interest Road/ Kerb Detail Drawings - Sheet 2 of 2 Designer Hazard Elimination Record         1.25		A statement	sphalt bas	se		Granular sub-b	ase	
In view)         Reference drawings         405383-MMD-AS-XX-DR-C-1101       Rearl Arrangement Plan - Area of Interest         405383-MMD-AS-XX-DR-C-1501       Road/ Kerb Detail Drawings         405383-MMD-AS-XX-DR-C-1501       Reinforcement Drawings - Sheet 2 of 2         405383-MMD-AS-XX-DR-C-1001       Designer Hazard Elimination Record         1:25	1 	<sup>*</sup> 4 4 F	recast pai	nel		Existing wall		
Reference drawings         405383-MMD-AS-XX-DR-C-1021 405383-MMD-AS-XX-DR-C-1300 405383-MMD-AS-XX-DR-C-1300 405383-MMD-AS-XX-RA-C-0001       General Arrangement Plan - Area of Interest Reinforcement Drawings         405383-MMD-AS-XX-DR-C-1501 405363-MMD-AS-XX-RA-C-0001       Reinforcement Drawings - Sheet 2 of 2 Designer Hazard Elimination Record         1.25				concrete				
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