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)

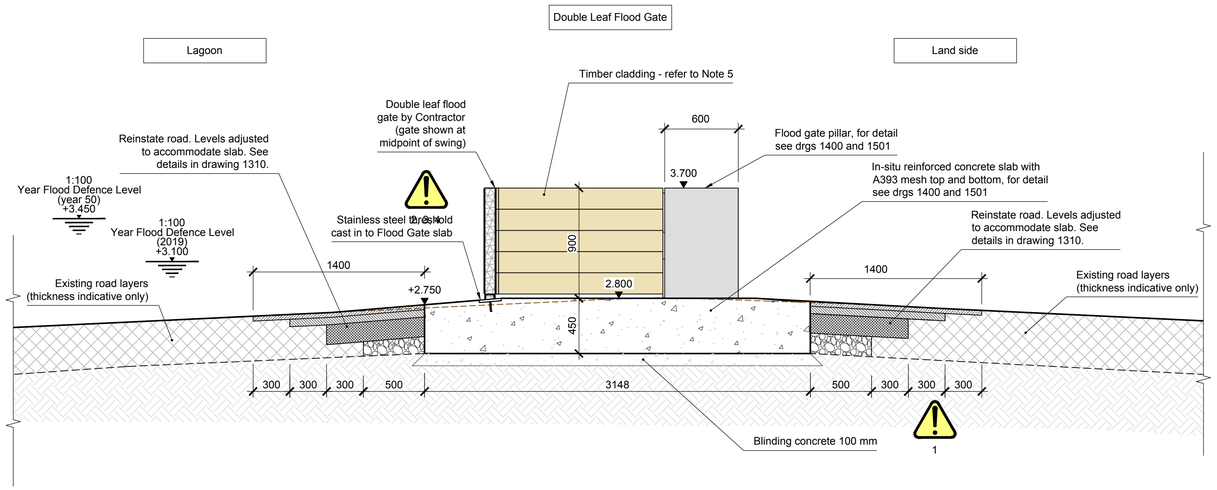
MAINTENANCE

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

OPERATION

3 When securing flood gate ensure foreshore is clear of persons (DHER Ref 18)

4 Base plate and seals to be maintained regularly before operation.

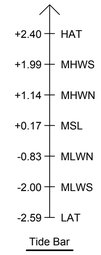


Cross section - CH 31.078 (D / 1021)

1:25

Notes

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres relative to Ordnance Datum (OD).
3. For Site Location and Plan see drawing 1001.
3. All surface types assume foundation of CBR ≥ 5% for Made Ground (cohesive) and CBR ≥ 20% for Made Ground (granular).
4. All structural concrete to be C32/40 and blinding concrete shall be C8/10 as detailed in the Works Information
5. 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.



Key to symbols

- Structural concrete
- Blinding concrete (non structural)
- Asphalt layers
- Asphalt layers
- Asphalt base
- Precast panel
- Structural concrete (in view)
- Class 6N Fill
- Existing road/pavement layers
- Soil
- Topsoil
- Granular sub-base
- Existing wall

Reference drawings

405363-MMD-AS-XX-DR-C-1021	General Arrangement Plan - Area of Interest 1
405363-MMD-AS-XX-DR-C-1310	Road/ Kerb Detail Drawings
405363-MMD-AS-XX-DR-C-1400	Floodgate Drawings
405363-MMD-AS-XX-DR-C-1501	Reinforcement Drawings - Sheet 2 of 2
405363-MMD-AS-XX-RA-C-0001	Designer Hazard Elimination Record

1:25 0 1.250m 2.5m

Rev	Date	Drawn	Description	Ch'k'd	App'd
P01	21/10/19	LE	First Issue - Draft Detailed Design Drawings	FL	ZH
P02	06/12/19	LE	Second Issue - Detailed Design Drawings	FL	ZH
P03	31/01/20	LE	Third Issue - Final Detailed Design Drawings	FL	ZH

Status Stamp

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Title

Gosport FCERM
Alverstoke
Cross Sections

Sheet 2 of 5

Designed	P. JURSIK	PJ	Eng check	F.J.LOY	FL
Drawn	L.ELLINGER	LE	Coordination	N.J.CLARKE	NC
Dwg check	P.JURSIK	PJ	Approved	Z.HUTCHISON	ZH

MMD Project Number	Scale at A1	Security
405363	1:25	STD

Suitability Description	Suit. Code
Suitable for Tender	D2

Drawing Number	Revision
405363-MMD-AS-XX-DR-C-1101	P03

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