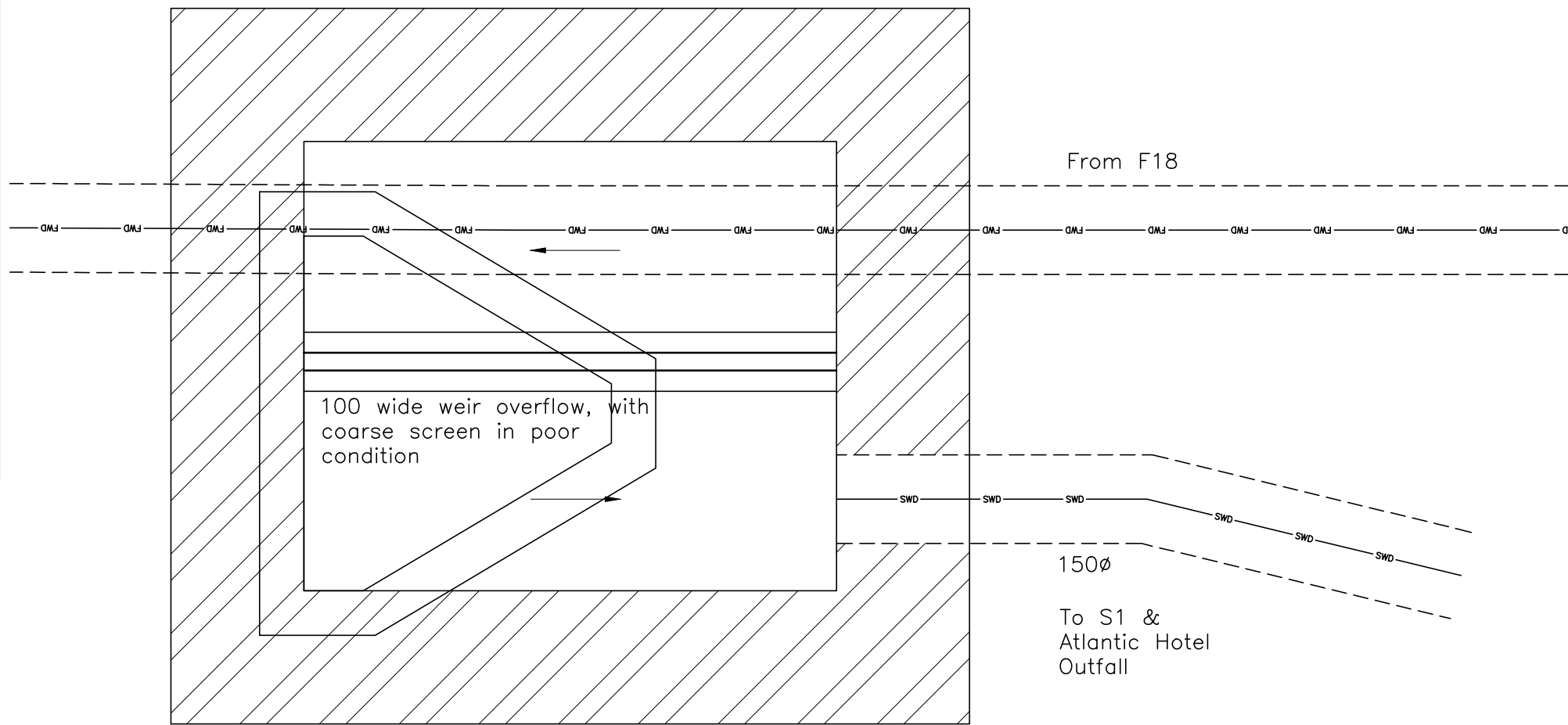




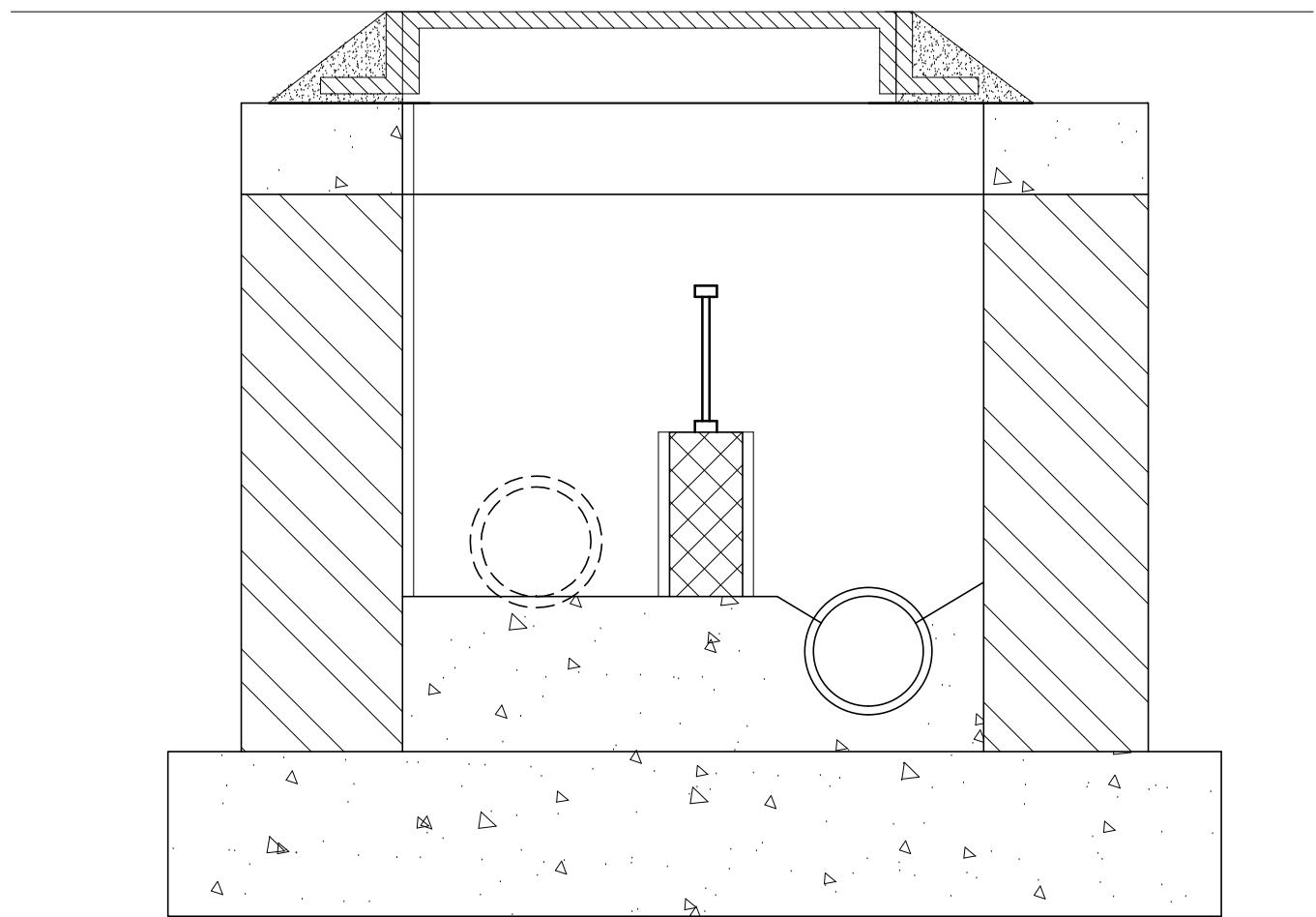
Rectangular MH  
Approx 800x900  
Triangular HD CI cover and frame



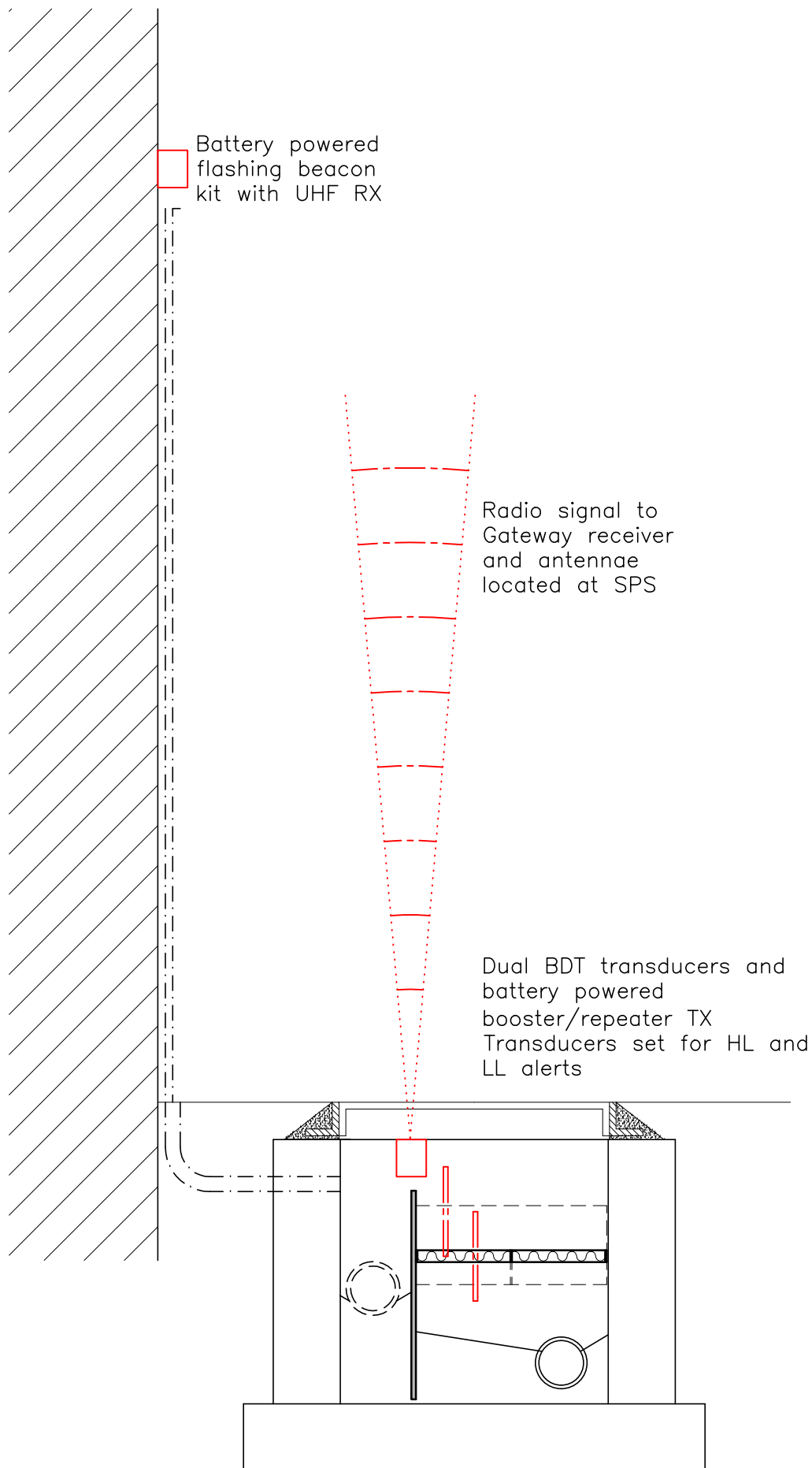
EXISTING PLAN  
1:10



EXISTING PLAN  
1:10



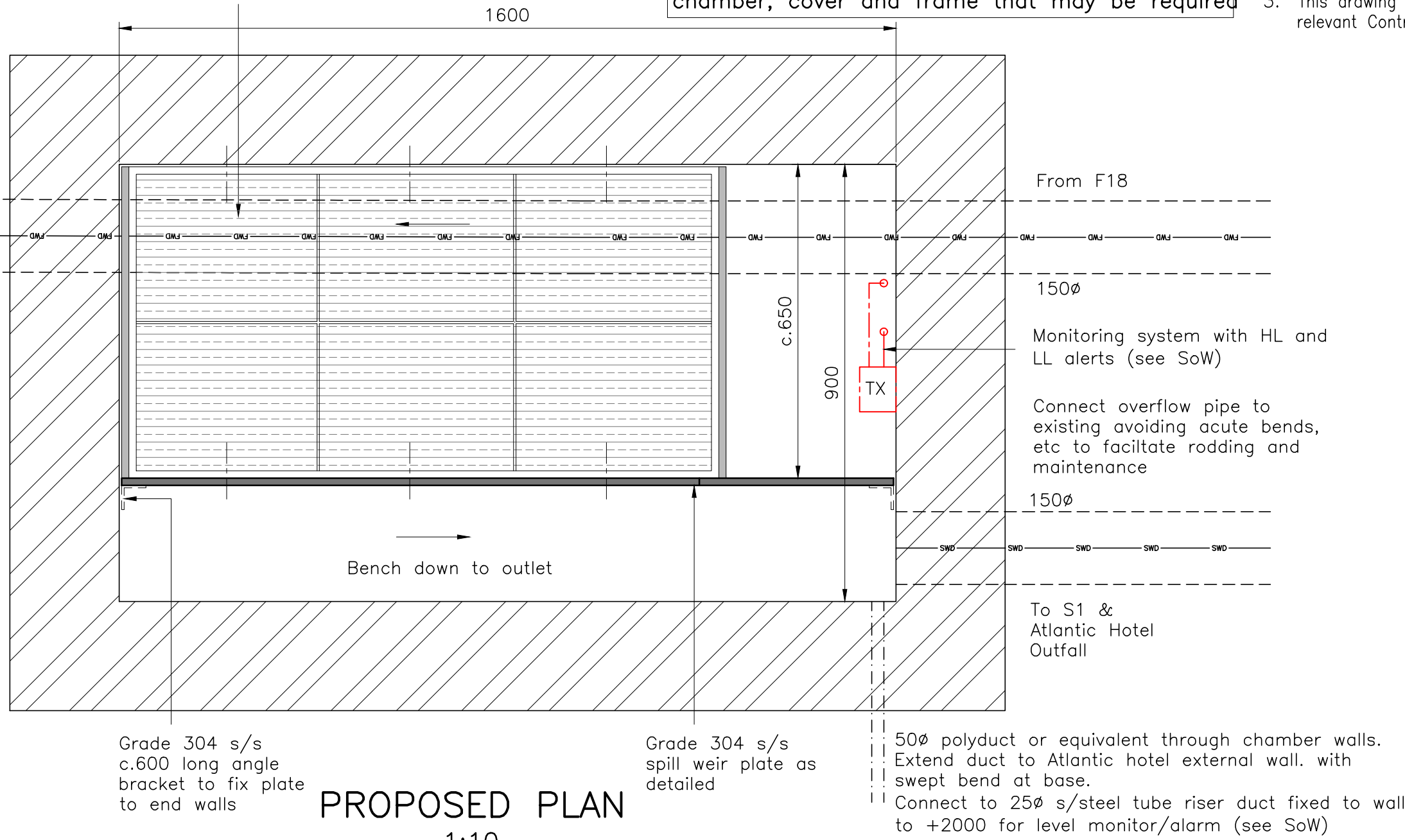
EXISTING SECTION  
1:10



MONITORING/ALARMS SYSTEM SCHEMATIC

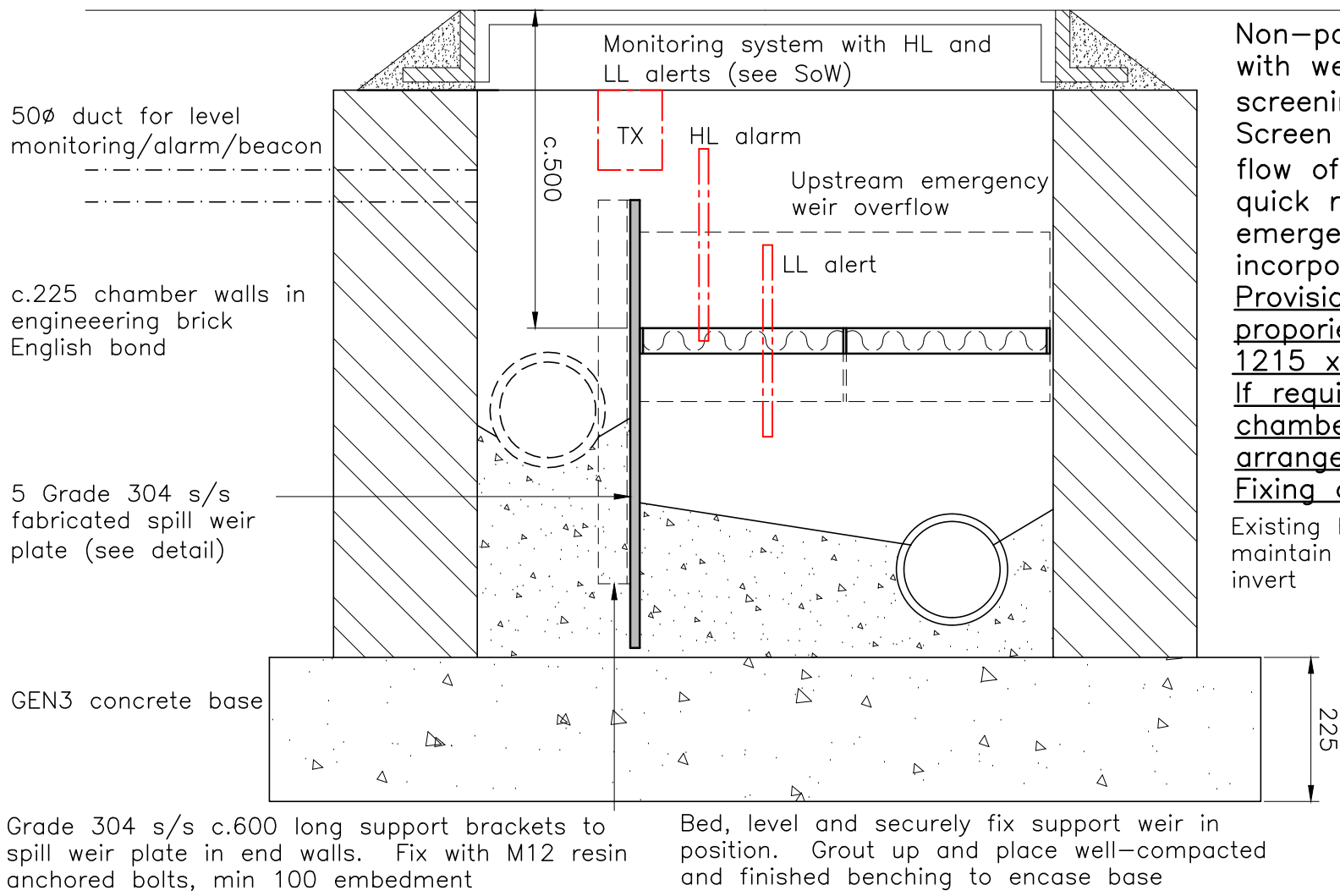
Proprietary Upward Flow CSO screen with quick release system with upstream emergency weir overflow and incorporating flow modifying baffles  
As SoW B30/040

Chamber dimensions and general arrangement have been detailed to accommodate a proprietary screen and overflow weir. Alternative proprietary screens may be proposed meeting the performance requirements specified, but must allow for any necessary amendments to the chamber, cover and frame that may be required



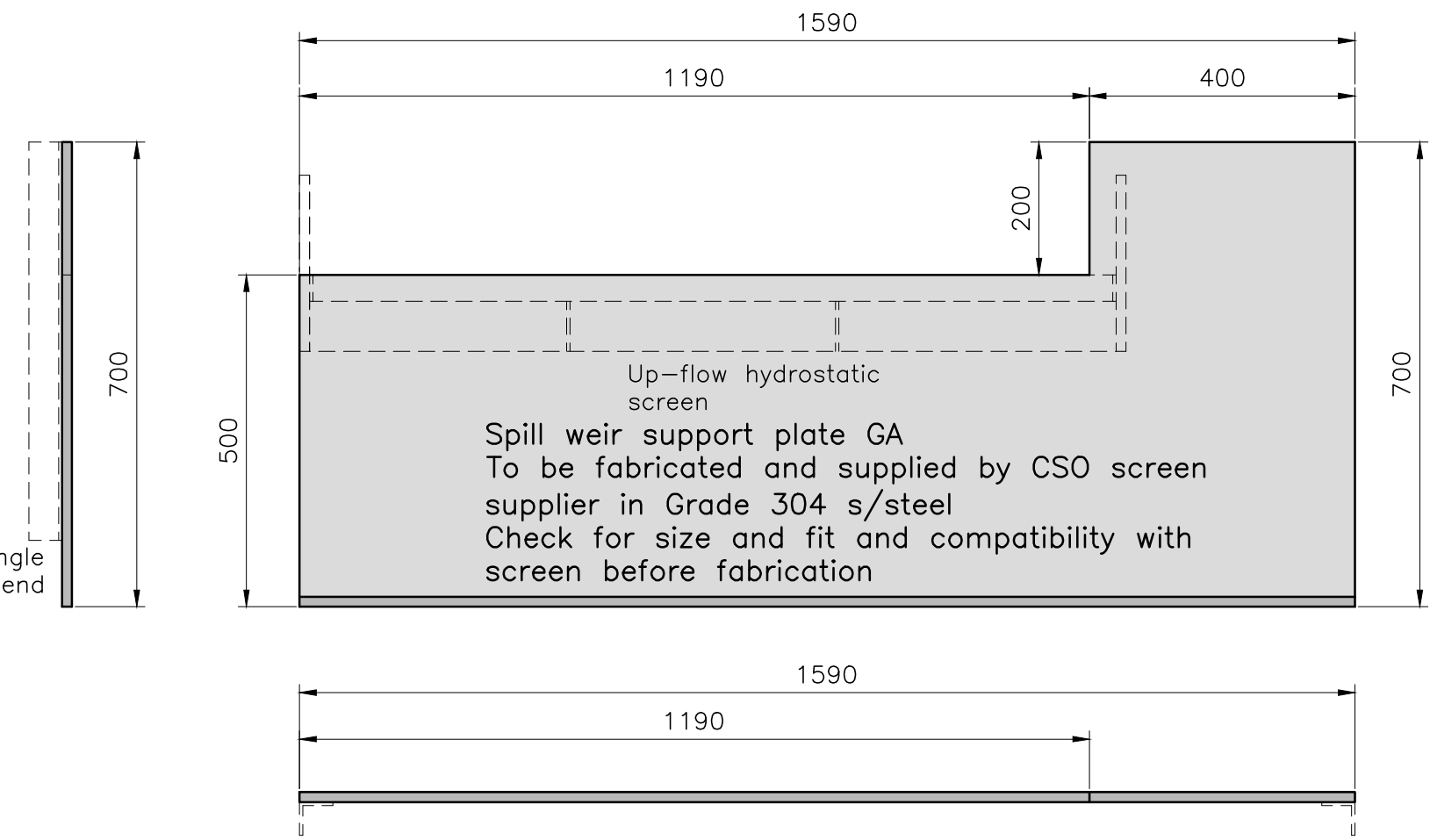
PROPOSED PLAN  
1:10

New twin leaf flush fit solid top hinged cover system for use in trafficked areas to provide full access to chamber for maintenance.  
Load Class C250  
As SoW B30/050  
Cover level to tie into existing levels of slipway



PROPOSED SECTION  
1:10

Non-powered upward flow CSO screen with weir overflow to provide 6mm screening or better as SoW B30/040. Screen to be sized for peak design flow of 60 l/s and provided with quick release system, with upstream emergency weir overflow and incorporating flow modifying baffles  
Provisional arrangement based on proprietary standard size screen 1215 x 641  
If required, allow for adjusting chamber to suit alternative screen arrangements  
Fixing details TBC  
Existing FWD maintain existing invert



SUPPORT WEIR (Grade 304 s/steel)  
1:10

NOTES:  
1. Do not scale, check all dimensions and details before commencement.  
2. IF IN DOUBT ASK.  
3. This drawing is to be read in conjunction with all other relevant Contract Documents.

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G	UPDATED DRAWING	26.05.16
F	TENDER DRAWING	25.01.15
E	SUPPORT WEIR NOTE AMENDED	18.07.14
D	SUPPORT WEIR AMENDED	11.07.14
C	TENDER DRAWING	04.07.14
B	ORIGINAL TENDER DRAWING	20.07.12
A	PRELIMINARY — REPORT ISSUE	30.05.12

Amat: Date v4.0

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Project  
**INFRASTRUCTURE WORKS  
ST MARY'S  
ISLES OF SCILLY  
MANHOLE ALTERATIONS**

Title  
**ATLANTIC HOTEL CSO  
SCREENING CHAMBER**

Client  
**COUNCIL for the IOS**

Date  
**24.05.12**

Scale  
**AS SHOWN**

Cad Ref  
**4606CD302**

Designed  
**JWL**

Checked  
**G**

Drawing Number  
**4606/CD/302**

Rev  
**26/05/2016 16**