

**GENERAL NOTES:**

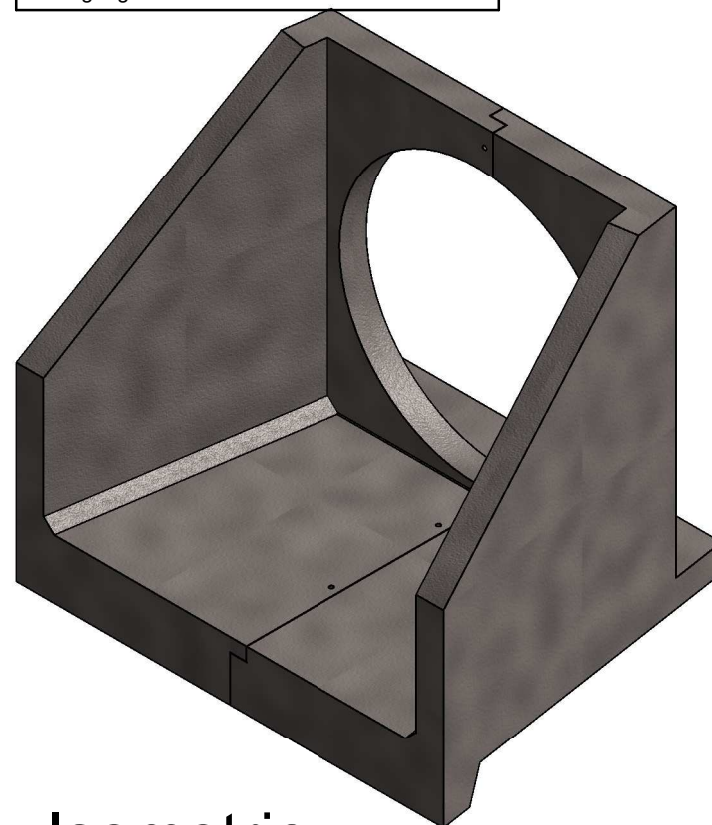
1. This drawing to be read with XXL T1 Headwall Calculations Dated 07/11/2019
2. Backfill material is free draining
3. There are no Live Loads effects on the headwall
4. Characteristic value on Internal Friction ( $\Phi$ ) of the backfill material = 37.5°
5. Scouring to the front of the unit is not permitted. Regular checks and maintenance to be carried out to prevent scouring

Concrete Strength 45N (C35/45)  
 Exposure Class XC4  
 Reinforcement H12@200c/c both directions  
 Min Cover 45mm  
 Unit Weight 9000kg ± 450kg  
 Max. Embankment Slope 10°  
 Surface All exposed concrete surfaces from 100mm below ground level to be class U4/U5 finish, all other surfaces to be class U1/F1 finish

**Outlet Dimensions Options**

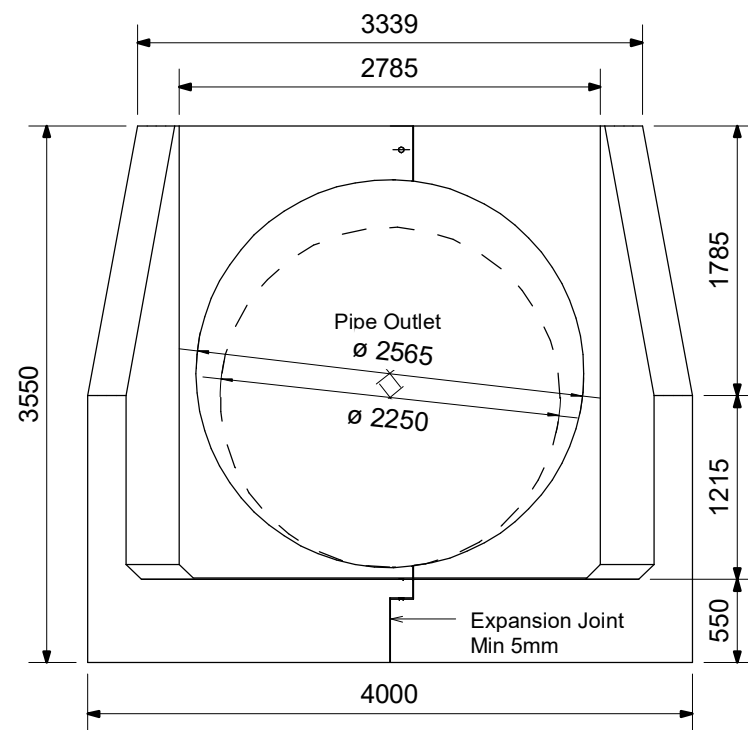
Structural (D)	Pipe Diameter
2250mm	1800mm
2565mm	2100mm

Note: the void between the structural ope and the pipe to be filled with non-compressible high strength grout



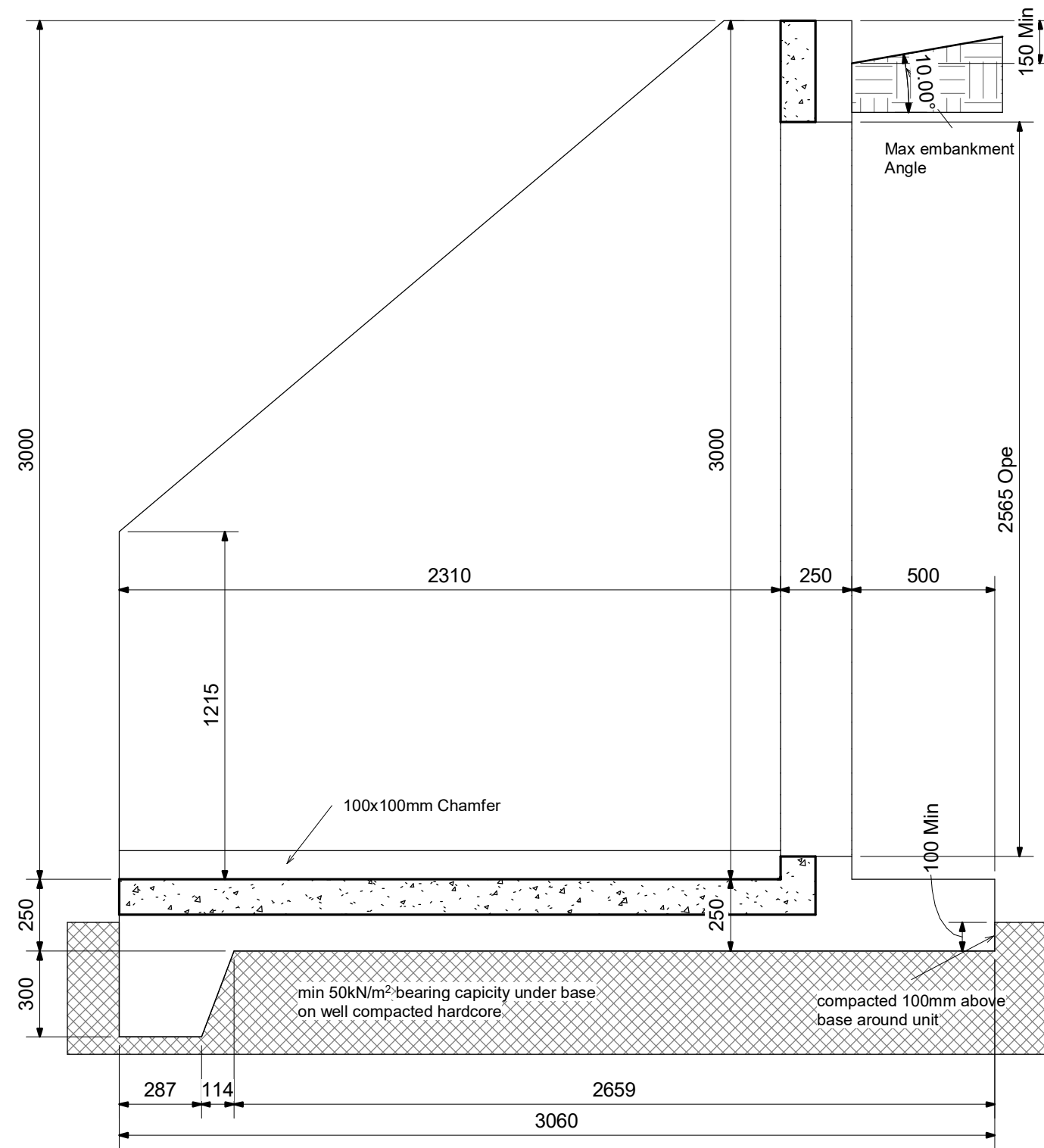
**1 Headwall Plan**

1 : 50



**2 Front Elevation**

1 : 50



**3 Section 1**

1 : 20

**4 Isometric**

1 : 50

No.	Description	Date
A	Pipe Diameter added and revised	17/09/20

  
**Condron Concrete Works**  
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PROJECT		CLIENT	
<b>Headwall XXL T1</b>		<b>Condron Concrete Works</b>	
Date	26/08/2020	Project number	HW 2020
Scale (@ A3)	As indicated	Scale (@ A3)	As indicated
Drawn by	SL	DRWAING NUMBER	XXL T1
Checked by	BS	REV	A