

**GENERAL NOTES:**

1. CONCRETE GRADE TO BE 50 MPA MINIMUM
2. DESIGN LIFE OF 50 YEARS  
MINIMUM EXPOSURE CLASSIFICATION - B2  
MINIMUM COVER TO REINFORCEMENT - 40mm
3. DESIGN LIFE OF 100 YEARS  
MINIMUM EXPOSURE CLASSIFICATION - B1  
MINIMUM COVER TO REINFORCEMENT - 40mm
4. DESIGN CAPACITY OF PITS WITH CLASS L REINFORCEMENT HAS BEEN REDUCED 20%
5. SPLICES IN REINFORCEMENT, UNLESS OTHERWISE NOTED, SHALL BE BY LAPPING AS FOLLOW:  
GRADE 500 N8 BARS - MIN. 250mm  
GRADE 500 N12 BARS - MIN. 485mm
6. ALLOWABLE SOIL BEARING PRESSURE IS 100KPA

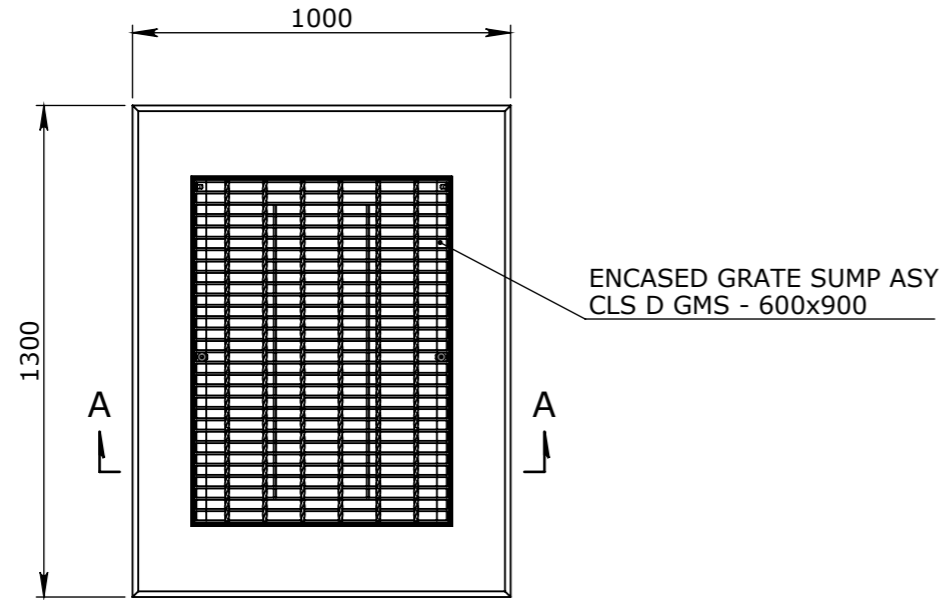
**DESIGN LOADS:**

1. CLASS D TRAFFIC DESIGN LOAD - AS3996:2019 & AS5100:2017

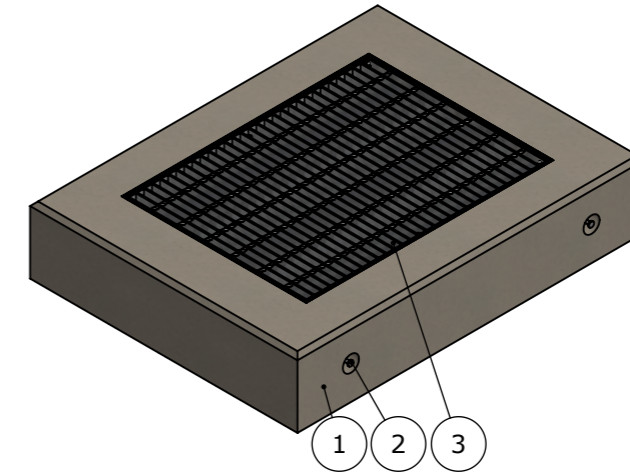
**BOM:AP-EC-GSG69D-ENC 1000x1300x250**

ITEM #	QTY.	DESCRIPTION	MATERIAL
1	1	1300x1000x250 CLS D ENCASEMENT	CONCRETE 50MPa
2	4	FOOT ANCHOR 1.3Tx85mm	MS GR-250 GALV
3	1	GRATE SUMP ASY CLS D GMS - 600X900	MS GR-250 GALV

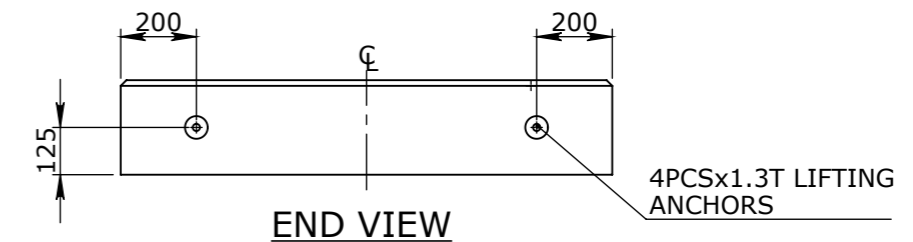
**GSG96D / CLASS D / 1000x1300x250 ENCASEMENT**



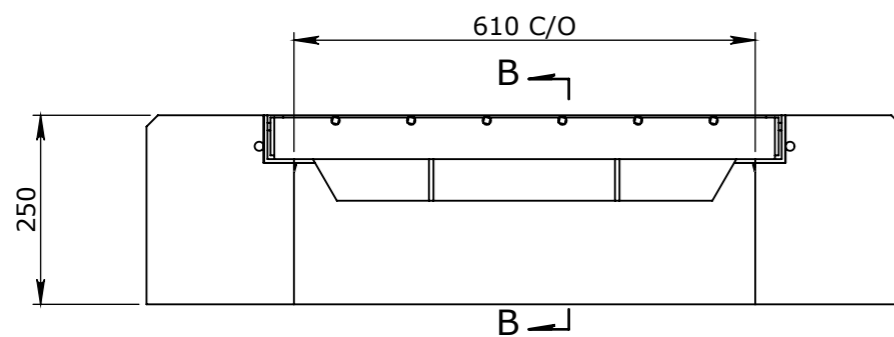
**PLAN VIEW**



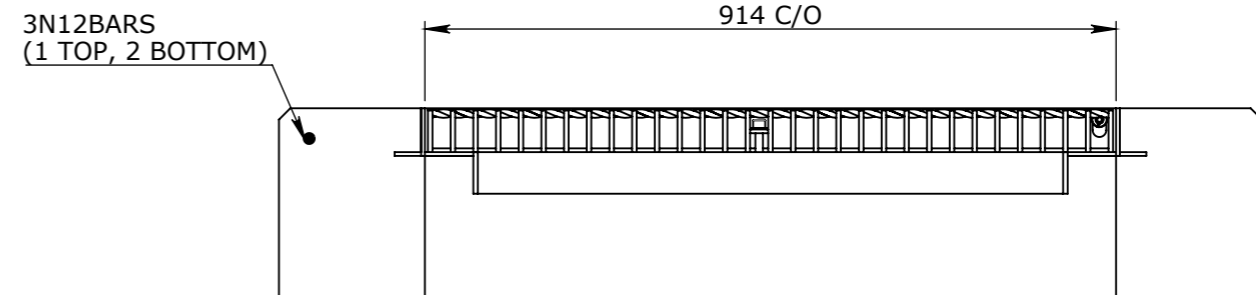
**ISOMETRIC VIEW**



**END VIEW**



**SECTION A-A**  
SCALE 1:10



**SECTION B-B**  
SCALE 1:10

- TOLERANCE NOTES:**
1. CONCRETE TOLERANCES TO BE INCONJUNCTION / ACCORDANCE WITH AS3600 - CONCRETE STRUCTURES
  2. WHEN A BROOME FINISH IS REQUIRED THE GENERAL TOLERANCE SUPERCEEDS THE FLATNESS TOLERANCE
  3. WALL THICKNESS - DIMENSION AS NOTED IS MINIMUM THICKNESS ONLY
  4. CONCRETE GRADE - 40MPA UNLESS NOTED OTHERWISE
  5. DIMENSIONS ARE NOT INCLUSIVE OF SEALANTS OF JOINTS
  6. SURFACE FINISH - CLASS 4 (AS3610.1)

Rev	DESCRIPTION	DATE	BY	APPROVED
3				
2				
1	UPDATE EPICOR NUMBER	06/08/20	MLEE	

GENERAL TOLERANCES		REVISION CONTROL	
NOMINAL:	UP TO 1000mm	1M AND ABOVE	FLATNESS: (NOT INCLUDING BROOME FINISH)
TOLERANCE:	±5mm	1mm IN 200mm UP TO A MAXIMUM OF 20mm	±4mm PER 1M WIDTH IN 1M LENGTH

CHK / APPR:	C
DATE:	
RPEQ DOCUMENT #:	
WEIGHT:	520Kg
MATERIAL:	
IRF REF:	

**Aus Pits**

HEAD OFFICE:  
1/1 REEVES COURT, BREAKWATER, VIC 3219  
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DRAFTED DATE:	15/07/2020
DRAFTED BY:	MLEE
DATE LAST SAVED:	9/09/2020
LAST SAVED BY:	MLEE
DRAWN TO AS 1100 DO NOT SCALE FROM SHEET	

PART/PRODUCT #	REINFORCEMENT COMPUTATION	QUOTE #	PIT #	ORDER #	ITEM TYPE
CLIENT					
PROJECT DESC ENCASEMENT (CLASS D)					
ENGINEERING COMPUTATION					
DRAWING #	AP-EC-GSG69D-ENC	PAGE	1 / 1	SHEET SIZE	A3
SCALE	1:20	REV. <b>0B</b>			