

**GENERAL NOTES:**

- THESE GENERAL NOTES ARE ONLY APPLICABLE TO DEPARTMENT OF TRANSPORT AND PLANNING (DTP) PROJECTS.
- GENERAL NOTES [IPA-EC-VIC-D1] SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS. ANY DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ALL DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO THE START OF ANY WORK. ENGINEERS DRAWINGS AND/OR SKETCHES SHALL NOT BE SCALED.
- CONCRETE GRADE TO BE 50MPA MINIMUM
- DESIGN LIFE OF 100 YEARS  
 MINIMUM EXPOSURE CLASSIFICATION - B2  
 MINIMUM COVER TO REINFORCEMENT - 50MM  
 FOR TYPE OF CONCRETE COMPACTION, REFER TO [IPA-EC-VIC-D1] GENERAL NOTES
- MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE RELEVANT CURRENT DTP STANDARD SPECIFICATIONS, AUSTRALIAN STANDARDS AND PROJECT SPECIFICATIONS.
- FOR DETAIL OF REBATE DESIGN, REFER TO [IPA-EC-VI-D2] STANDRAD REBATE DIMENSIONS.

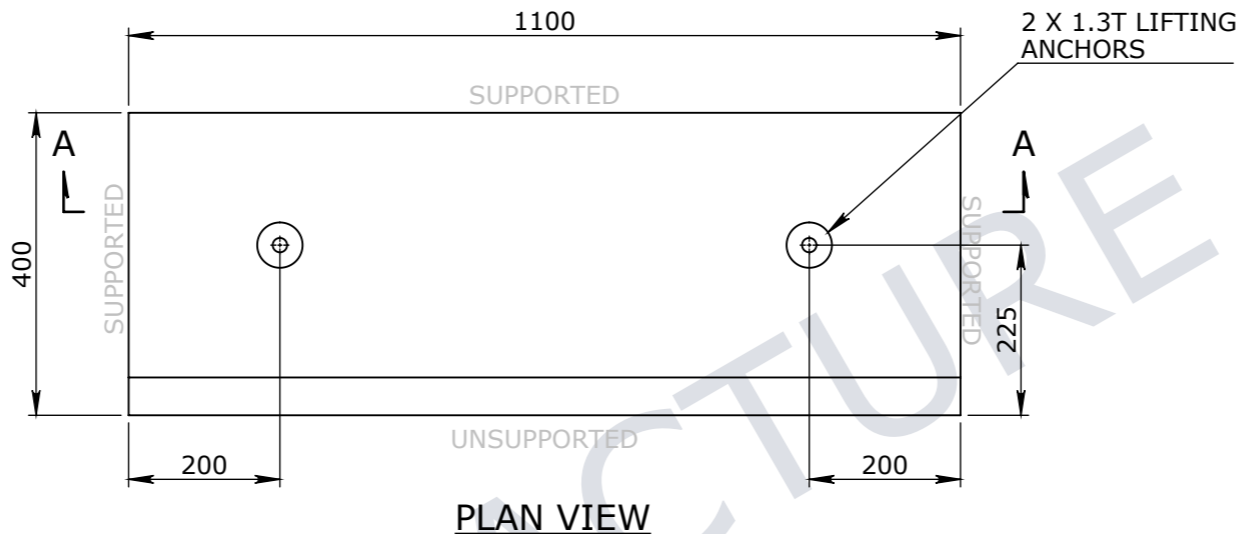
\* THESE DIMENSIONS CHANGE DEPENDING ON THE WALL THICKNESS OF THE PIT.  
 110MM - FOR 100MM THK WALLS  
 160MM - FOR 150MM THK WALLS

**DESIGN LOADS:**

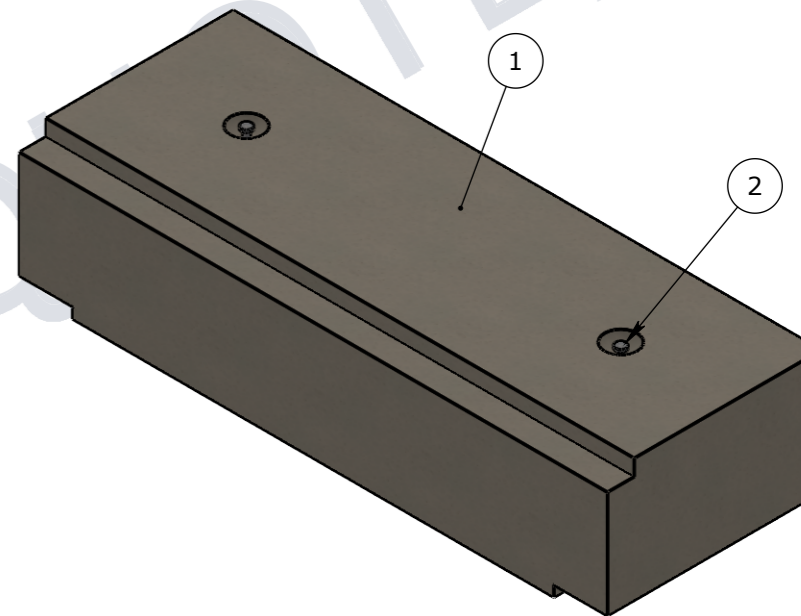
- DEAD LOADS DUE TO SELF-WEIGHT OF SOIL AND CORBEL. SLS AND ULS LOAD FACTORS IN ACCORDANCE WITH AS 5100.2:2017 TABLES 6.2 AND 6.4
- VERTICAL LIVE LOADS CONSIDERING WORST LOAD EFFECT OF W80, A160, SM1600 AND HLP400 - AS 5100.2:2017
- VERTICAL DISTRIBUTED LOAD DUE TO 300LA RAIL LOAD LOCATED 1.25M MINIMUM FROM THE OUTSIDE FACE OF ANY PIT WALL PER AS5100.2:2017

**BOM:50202658\_CORBEL WITH REBATE 1100x400x230**

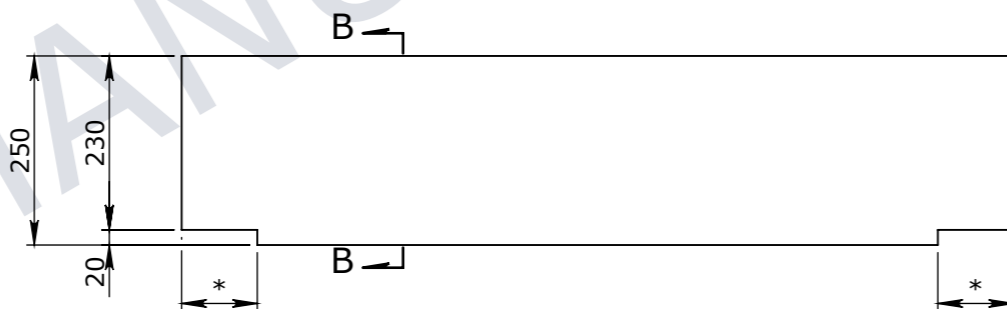
| ITEM # | QTY. | PART #   | DESCRIPTION               | MATERIAL       | VOLUME |
|--------|------|----------|---------------------------|----------------|--------|
| 1      | 1    | 50201266 | CONCRETE 50MPA            | CONCRETE 50MPa | 0.10   |
| 2      | 2    | 50201090 | FOOT ANCHOR ZP 1.3Tx120mm | MS GR-250 GALV | 0      |



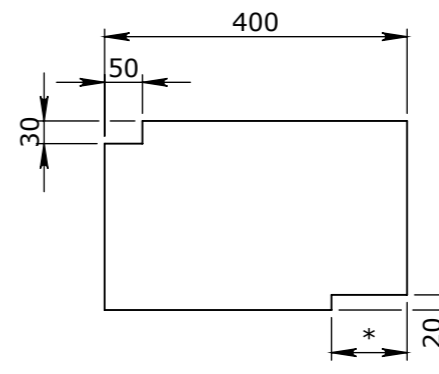
PLAN VIEW



ISOMETRIC VIEW



SECTION A-A



SECTION B-B

UNCONTROLLED DOCUMENT WHEN PRINTED

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

| Rev | DESCRIPTION                         | DATE       | BY  | APPROVED |
|-----|-------------------------------------|------------|-----|----------|
| 3   |                                     |            |     |          |
| 2   |                                     |            |     |          |
| 1   | ECO0003 DRAWING AS PER THE DTP SPEC | 31/10/2023 | TDS |          |

| 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:<br>De Silva,<br>Thari | WEIGHT:<br>256.9Kg          |
| DATE:                             | MATERIAL:<br>CONCRETE 50MPA |
| RPEQ DOCUMENT #:                  | IRF REF:                    |

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|                                |  |
|--------------------------------|--|
| DRAFTED DATE:<br>31/10/2023    | DRAWN TO AS 1100<br>DO NOT SCALE<br>FROM SHEET |
| DRAFTED BY:<br>TDESILVA        |  |
| DATE LAST SAVED:<br>20/02/2024 |  |
| LAST SAVED BY:<br>TDESILVA     |  |

| ISSUED FOR CLIENT REVIEW ONLY |            |                 |
|-------------------------------|------------|-----------------|
| ISSUE                         | DATE       | CLIENT APPROVAL |
| 0                             | 20/02/2024 |                 |

|   |               |                  |
|---|---------------|------------------|
| PART/PRODUCT #<br>50202658                      | QUOTE #       | ORDER #          |
| REINFORCEMENT COMPUTATION                       | PIT #         | ITEM TYPE        |
| CLIENT<br>INFRASTRUCTURE PRODUCTS AUSTRALIA     |               |                  |
| PROJECT DESC                                    |               |                  |
| DRAWING NAME<br>CORBEL WITH REBATE 1100x400x230 |               | REV.<br>0        |
| DRAWING #<br>50202658                           | PAGE<br>1 / 1 | SHEET SIZE<br>A3 |
| SCALE<br>1:10                                   |               |                  |