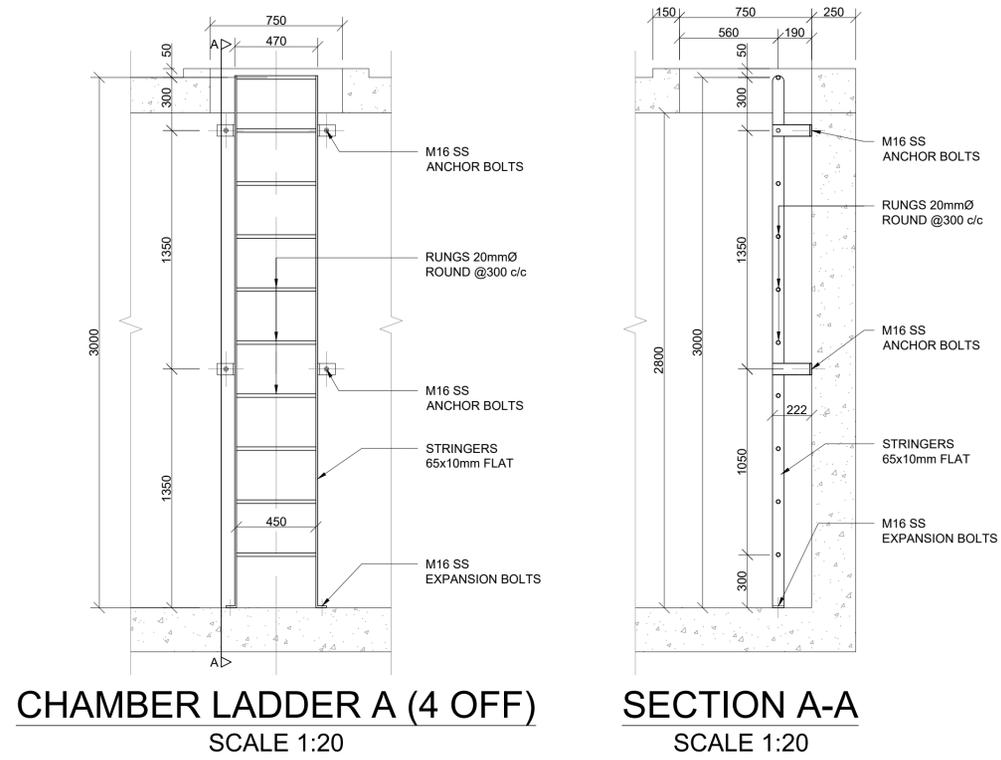
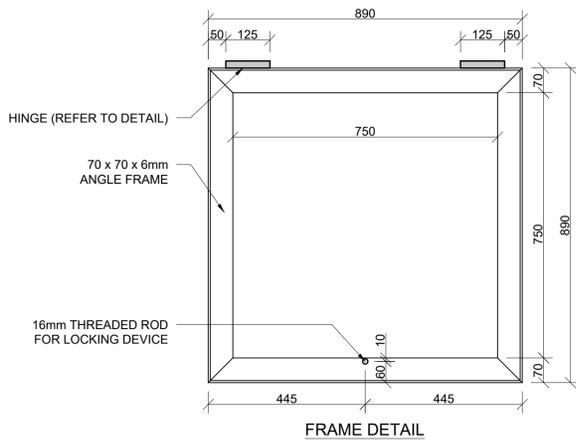


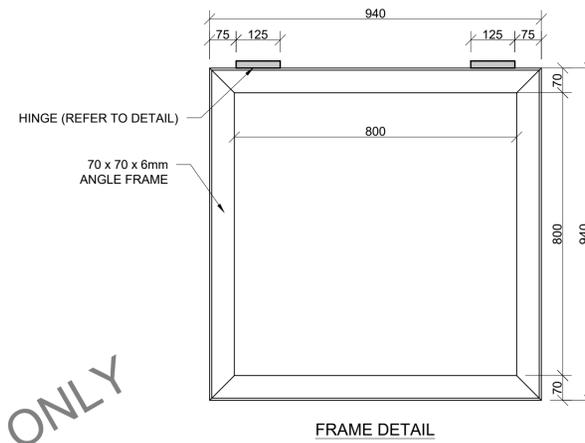
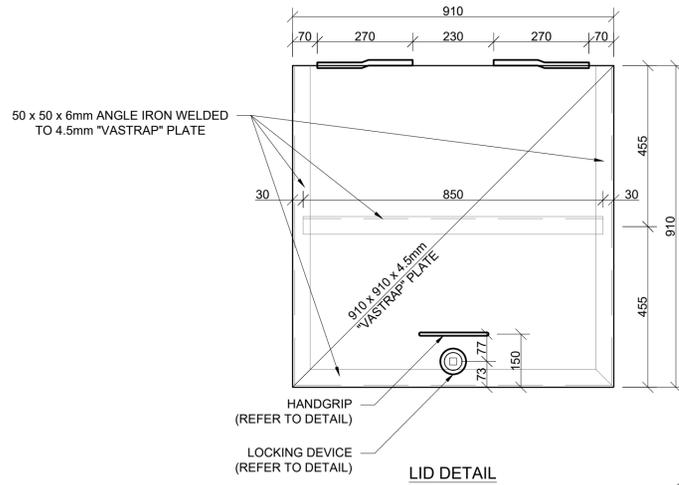
**ROOF VENTILATOR**



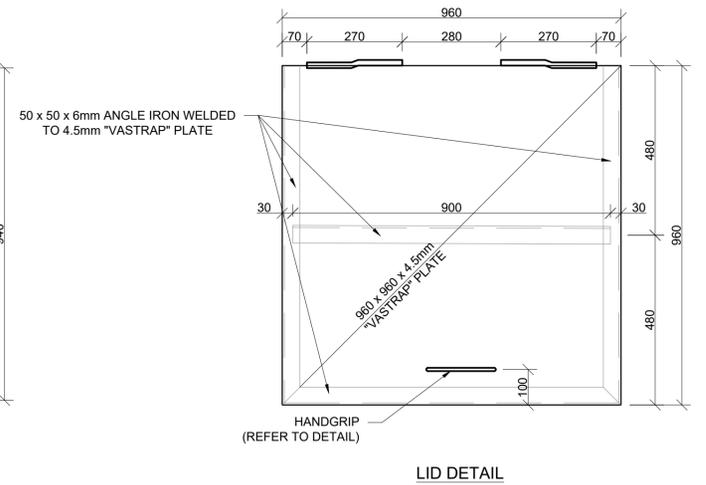
- 1. GENERAL NOTES**
- The copyright on this dwg, including the design and details shown hereon, is reserved by the Consulting Engineers.
  - No scaling of dimensions from drawings allowed.
  - All dimensions and levels are to be verified on site by the contractor before commencing any work.
- 2. EARTHWORKS NOTES**
- All excavations to follow SANS 10400 PART G: Excavations
  - Lateral support and shoring of deep excavations to be designed and certified by a professional
  - Compacted fill in layers not exceeding 150mm to 97% MOD AASHTO
  - Approved insecticide & weedkiller to SABS spec. Code 0124 to sides and under foundations, surface-beds & paving. 10 year underwritten guarantee in favour of client supplied by specialist contractor.
  - All foundation excavations to be approved by the Engineer prior to placement of any concrete
  - Min. ground bearing pressure - 150kPa
- 3. STRUCTURAL STEEL NOTES**
- All steel to be of grade 300WA
  - All bolts to be grade 8.8 unless noted
  - All welds to be 6mm fillet welds unless noted
  - No site welding shall be permitted without the prior consent of the Engineer
  - All holes to be drilled, NO flame cutting allowed
  - All steelwork to be painted within 6 hours after cleaning with one coat red oxide
  - Engineer to inspect manufactured steel components prior to delivery to site



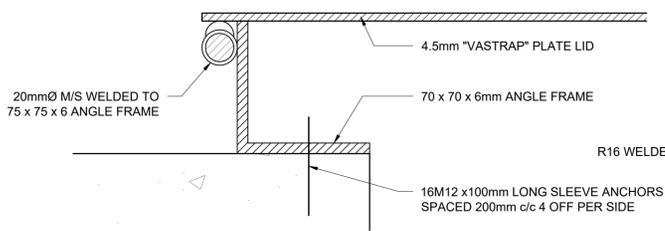
**CHAMBER ACCESS LID (4OFF)**  
SCALE 1:10



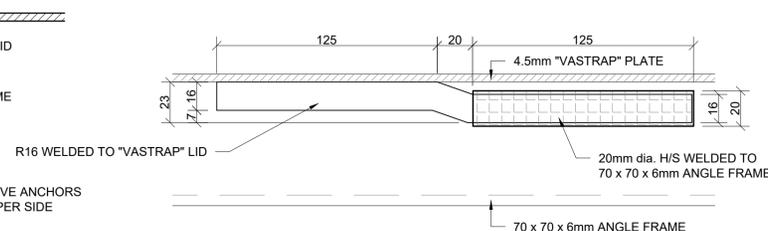
**TANK ACCESS LID**  
SCALE 1:10



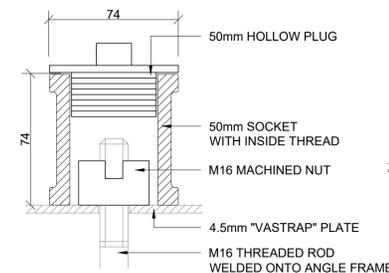
FOR TENDER ONLY



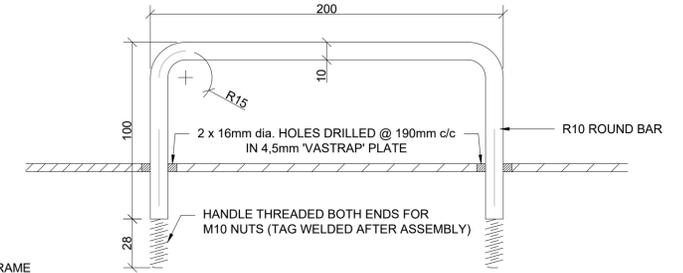
**TYPICAL HINGE SECTION**  
SCALE 1:2



**HINGE DETAIL**  
SCALE 1:2



**LOCKING DEVICE**  
SCALE 1:2



**HANDGRIP DETAIL**  
SCALE 1:2

CONSULTING ENGINEERS: <b>TRI-M CONSULTING ENGINEERS</b> WEWORK 155 WEST STREET SANDTON, JOHANNESBURG	DESIGNED	P. S. Botha	05/08/2024	<b>PHYSICAL ADDRESSES:</b> 65 NTEMI PILISO STREET NEWTOWN JOHANNESBURG  TEL: (011) 688-1400 FAX: (011) 688-1529	Turffontein Corridors of Freedom Water Upgrade Foresthill Tower and Pump Station	<b>SURVEY INFORMATION</b> PROJECT SURVEYOR: _____ DATE: _____		<b>APPROVAL BY JW DEPOT</b> CHECKED: _____ APPROVED BY: _____ SIGNATURE: _____ DATE: _____		SCALE 1:30: 1:15 REV: 0	<b>AMENDMENTS</b> DESCRIPTION: TENDER PURPOSES DATE: 05/08/2024	CONTRACT NUMBER <b>JW14402</b>	DRAWING No. <b>ST04 - 0</b>	REV.
	DRAWN	J. Nel	05/08/2024			<b>CCTV INFORMATION</b> CCTVC COMPANY: _____ DATE: _____		<b>APPROVAL BY JW PLANNING</b> CHECKED: _____ APPROVED BY: _____ SIGNATURE: _____ DATE: _____		SHEET <b>A1</b>	OF <b>1</b>	ORIGINAL PAGE SIZE FILE No.	OF <b>1</b>	
CLIENT POSTAL ADDRESS: JOHANNESBURG WATER P O BOX 61542 MARSHALLTOWN 2107	APPROVED BY: P. S. Botha ECOSA REG. No. _____	SIGNATURE DATE	CHECKED 	SIGNATURE DATE	<b>G.A STEEL WORK ITEMS, PART A</b> <b>COVERS, LADDERS &amp; VENTILATION</b>									

