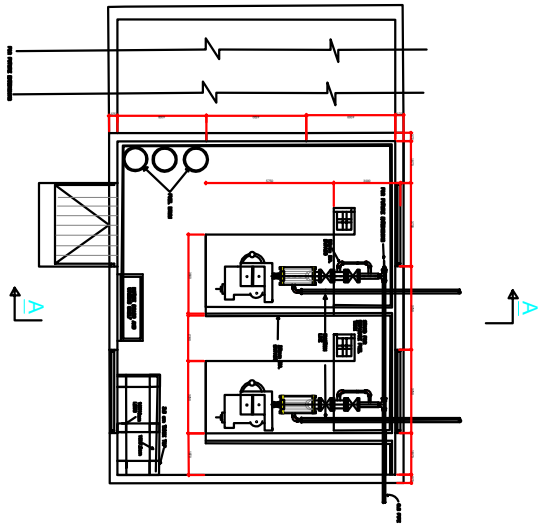


FRONT ELEVATION



SCALE 1:25

NUMBER FOR SITE REFERENCE ONLY

REVISION NO.

NOTE:
 1. The design of this drawing is copy right and the property of the Ministry of Water and Irrigation of Tanzania.
 2. All works to be carried out in strict accordance with the Standard Specifications for the Operation and Maintenance manual of Ministry of Water and Irrigation of Tanzania.
 3. All relevant details, levels, dimensions must be checked on site before commencement of work, and any variations to be reported to the Engineer's office immediately.



FOUNDATION DETAILS
 NOT TO SCALE

MISCELLANEOUS NOTES

- HANDPUMP SHALL BE USED FOR GETTING FUEL OUT OF THE DRUMS.

RECOMMENDED PIPE DIMENSIONS

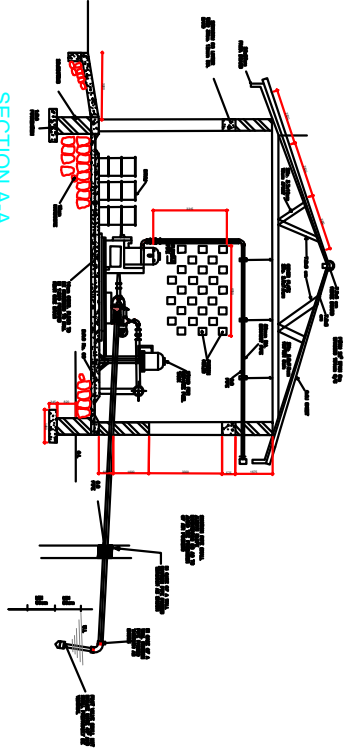
(ONLY THE PIPING WITHIN THE PUMPHOUSE)

DISCHARGE LINE	FLOW	SUCTION LINE	FLOW
80mm	35m ³ /hr	80mm	20m ³ /hr
100mm	60m ³ /hr	100mm	30m ³ /hr
150mm	140m ³ /hr	150mm	85m ³ /hr
200mm	270m ³ /hr	200mm	160m ³ /hr

NOTES

- Each pump shall whenever possible have its own suction line.
- The suction line shall slope smoothly downwards to the pump in order to avoid air locks.
- Pipe connection shall where possible be screwed on sockets as these are less likely to give leakages and obstructions i.e body fixed packings in the suction line.
- The pipe shall never be fixed in the wall of the pumphouse nor the well.
- Stop and non-return valves shall be as close as possible to the pump.
- The suction line must always be designed with great care and the dimensions below can only be taken as a rough guideline.
- Foundation bolts shall have a diameter of atleast 16mm (S/B).

SECTION A-A
 SCALE 1:25



UNITED REPUBLIC OF TANZANIA
 MINISTRY OF WATER



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DRAWING DESCRIPTION:
 TYPE PUMP HOUSE FOR CENTRIFUGAL PUMP

SCALE	DATE	REVISIONS
1:25	14.03.2020	1. S. MALIBILA
PROJECT NO.	DESIGN NO.	PERFORMANCE
TVS/149		00