

- NOTES:**
1. IF NO PVC SLEEVE EXISTS FOR THE PIPE EXITING THE CHAMBER, THEN DIAMOND CORE DRILLING WILL BE REQUIRED.
 2. ONLY STAINLESS STEEL CHEMICAL ANCHOR BOLTS WILL BE ACCEPTED.
 3. CHAMBERS WALLS SHALL BE SCANNED FOR STEEL BARS PRIOR TO DRILLING, ENSURING THAT BARS ARE NOT DAMAGED DURING DRILLING PROCESS.
 4. THE CONTRACTOR SHALL PREPARE, AND SUBMIT FOR APPROVAL, ALL DETAIL DRAWINGS NECESSARY FOR MANUFACTURE.
 5. CHAIN OF SUFFICIENT LENGTH TO BE PROVIDED TO FACILITATE LIFTING OF PUMP. CHAIN TO BE RAWL BOLTED TO THE WALL 300mm FROM THE ROOF.
 6. ACCESS TO TOP OF CHAIN SHALL BE POSSIBLE FROM PLATFORMS.
 7. THE CONTRACTOR SHALL SUPPLY A NON- RETURN VALVE FOR EACH PUMP.
 8. PUMPS SHALL HAVE AN INTEGRAL FLOAT MECHANISM TO TURN THE PUMP ON AND OFF.
 9. SUMP PUMP SHALL COMPLY TO RAND WATER DOCUMENT RC 01100-SYSTEM SPECIFICATION FOR ELECTRIC MOTOR EXCEEDING 20l/s.

FOR TENDER PURPOSES ONLY


REVISIONS				
No	DATE	CHECKED	APPROVED	DESCRIPTION

RO-28765/100	VEREENIGING PUMPING STATION CATHEDRAL HEADER UPGRADE HEADER NEW HEADER CHAMBER VALVES
RA-28841	VEREENIGING PUMPING STATION REPLACEMENT OF VALVES AT CATHEDRAL HEADER AND ERG ELECTRIFICATION LAYOUT OF ISOLATION VALVES
RA-20154	VEREENIGING PUMPING STATION CATHEDRAL HEADER UPGRADE PROPOSED NEW VALVE CHAMBER ELECTRICAL AND AUTOMATION ROUTES LAYOUT
A_7395	STANDARD GALVANISED RANDWATER CAT LADDER
NUMMER	TITEL
REFERENCE DRAWINGS	



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DESIGNED BY	F.RADILANI	APPROVED	 .Pr Eng
DRAWN BY	M.MTOTOBA	REG. NO.	20100060
DATE	18/06/2021	DATE	22/06/2021

VEREENIGING PUMPING STATION
CATHEDRAL HEADER

TYPICAL ARRANGEMENT OF ELECTRIC
MOTOR DRIVEN SUBMERSIBLE PUMPS
INSIDE THE PROPOSED VALVE
CHAMBER

STATION			WKS								DOC. TYPE			S	
V	G		O	O	U	G	T					D	M	G	A
SCALE															

DRG. No.RA-29162/00

