

NOTES:

1. THE IMHOFF TANKS ARE USED TO SPLIT FLOW OVER AND AROUND THE BIOFILTER. VALVES CONTROL A NEAR CONSTANT UNDERFLOW (THIN RAW SLUDGE) TO THE BNRAS SYSTEM

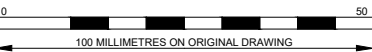
2. FAT & SCUM FREELY FLOWS TO DEDICATED SLUDGE DRYING BEDS WITHOUT RESTRICTIONS (VALVES) BY WAY OF GRAVITY

3. EXISTING INVERT LEVEL FOR EMH 9 IS HIGHER ELEVATED THAN EMH 8 AS SCUM/FAT REMOVAL USED TO DRAIN TO EMH 6 AND THE PONDS. THIS IS TO BE CHANGED WITH REVERSE FLOW AS PER CIVILS SERVICES LAYOUT DRAWING 10909001-0118 AND NEW INVERT LEVELS.

NOTES:



ISSUED FOR TENDER



BEFORE CONTRACT COMMENCES
AFTER CONSTRUCTION CONTRACT HAS COMMENCED

Nr.	DATE	AMENDMENTS

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PROJECT
TSHAME WWTW REFURBISHMENT

DRAWING DESCRIPTION
PROCESS & INSTRUMENTATION DIAGRAM:
IMHOFF TANKS

DRAWING NO.	REVISION
10909001 - 7002	T1

DESIGNED:	JAW	CHECKED:	ECSA PR No: 20130658
DRAWN:	SP	SCALE:	N.T.S
APPROVED:	ECSA PR No: 20130658	INCEPTION DATE:	JUN'23
FILE PATH:	SHAREPOINT / BLOEMFONTEIN - 10909001 TSHAME WWTW / 04 DOC PROC / 04 DRAW		



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