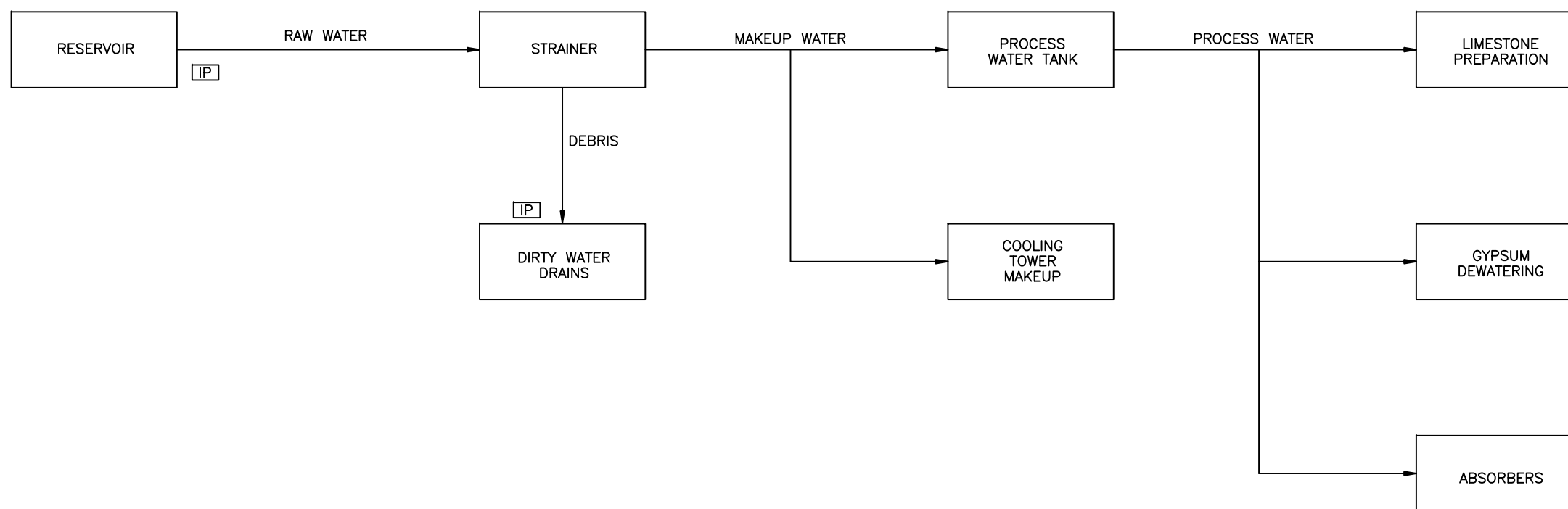


**NOTES:**

1. WTP PLANT DESIGN IS BASED ON CONTINUOUS OPERATION OF 6 UNITS AT 97% BMCR.
2. HOURLY REQUIREMENTS AVERAGED, BASED ON 24 HOUR CYCLE.
3. CONSTRUCTION WATER REQUIREMENTS ARE NOT INCLUDED.
4. RAINFALL VALUES ARE BASED ON ANNUAL AVERAGE RAINFALL.
5. FGD FIGURES ARE BASED ON WORST COAL QUALITY AND 90% LOAD FACTOR.

NO.	REV.	DATE	DESCRIPTION	BY	CHKD.	APP.	REV.	CHKD.	APP.	REF. DRAWINGS
00	3	27 02 12	PARAMETERS CHANGED.	VZ	LH	LEH				
00	2	26 09 09	FLOW RATES UPDATED & EQUIP. ADDED.	LEH	LH	LEH				
00	1	13 01 09	KKS NUMBERS ADDED.	LEH	LH	LEH				
00	0		FIRST ISSUE							
** REVISION **										
D.O.	REV	DATE	INDEX REFERENCE	REV	CHKD.	APP.	KKS APP	0.84	REFERENCE DRAWINGS	
DRG. REGISTR.			AUTHORISED BY	DATE						
DESIGN APPROVED			M. MOODLEY	18 07 08						
KKS APP.			L.A.L.	21 07 08						
DD.			ESKOM HOLDINGS LTD.							
AUTH.			REG. NO.							
CHKD BY			2002/015527/06							
DRAWN BY										
SCALE										

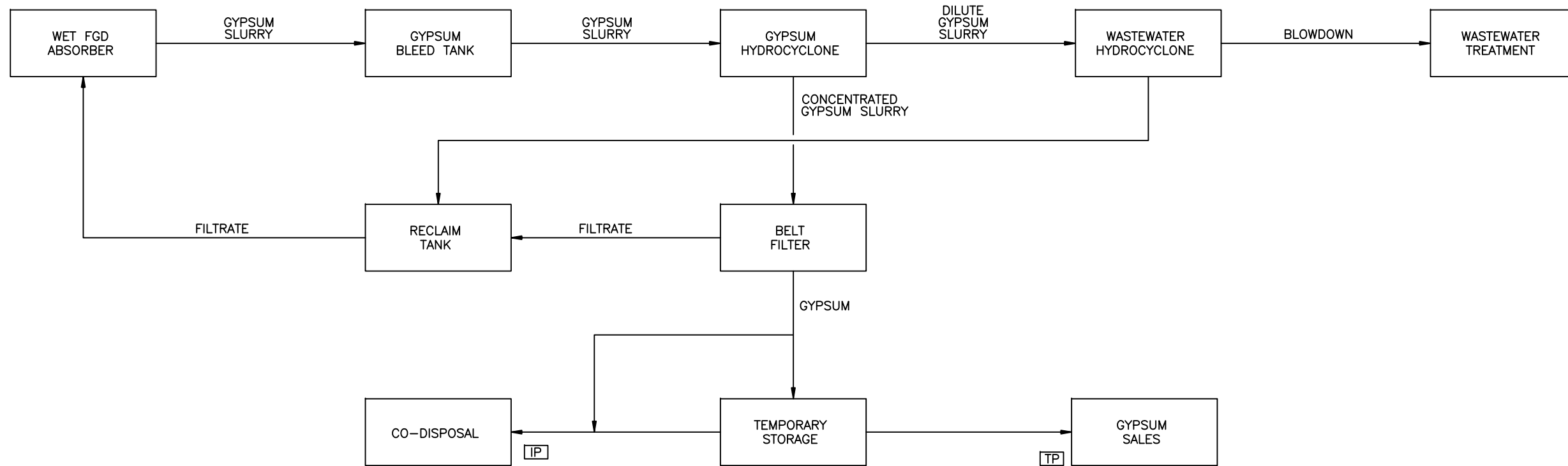
**MEDUPI POWER STATION  
WATER BALANCE FLOW DIAGRAM  
WITH FGD.**



IP - INTERFACE POINT WITH EXISTING PLANT  
 TP - TERMINAL POINT EXTERNAL TO FGD RETROFIT PROJECT

**NOT TO BE USED FOR CONSTRUCTION**  
 THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

0		ISSUED FOR EIA		SCE	SMA	
DWG NO	178771-SK-M0009	DATE	09/05/14	SCALE	AS SHOWN	
DESIGN	Black & Veatch	CHECKED		APPROVED		
DATE	09/05/14	BY		DATE		
Eskom			Medupi Power Station			
178771-SK-M0009			MEDUPI FGD RETROFIT PROJECT			
			FGD MAKEUP WATER			
			FLOW DIAGRAM (EIA)			
			178771-SK-M0009			
			DSZ			



IP - INTERFACE POINT WITH EXISTING PLANT  
 TP - TERMINAL POINT EXTERNAL TO FGD RETROFIT PROJECT

**NOT TO BE USED FOR CONSTRUCTION**  
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0		ISSUED FOR EIA	SCE	SMA	
DATE	DATE	DATE	DATE	DATE	DATE
BY	BY	BY	BY	BY	BY
APP	APP	APP	APP	APP	APP
SCALE	SCALE	SCALE	SCALE	SCALE	SCALE
178771-SK-M0010		DSZ		0	

**MEDUPI POWER STATION**  
 MEDUPI FGD RETROFIT PROJECT  
 GYPSUM HANDLING  
 FLOW DIAGRAM (EIA)

18.2a (MS Tech)  
 11-11  
 09/05/14 08:38:48

