

BLOCK 5 - CRUSHERS 1&2

PASS CAPACITIES(REMAINING):

- 1A - 450T(BUFFER: 250T)
- 1B - 1400T(BUFFER: 350T)
- 2A - 1400T(BUFFER: 350T)
- 2B - 1250T(BUFFER: 250T)

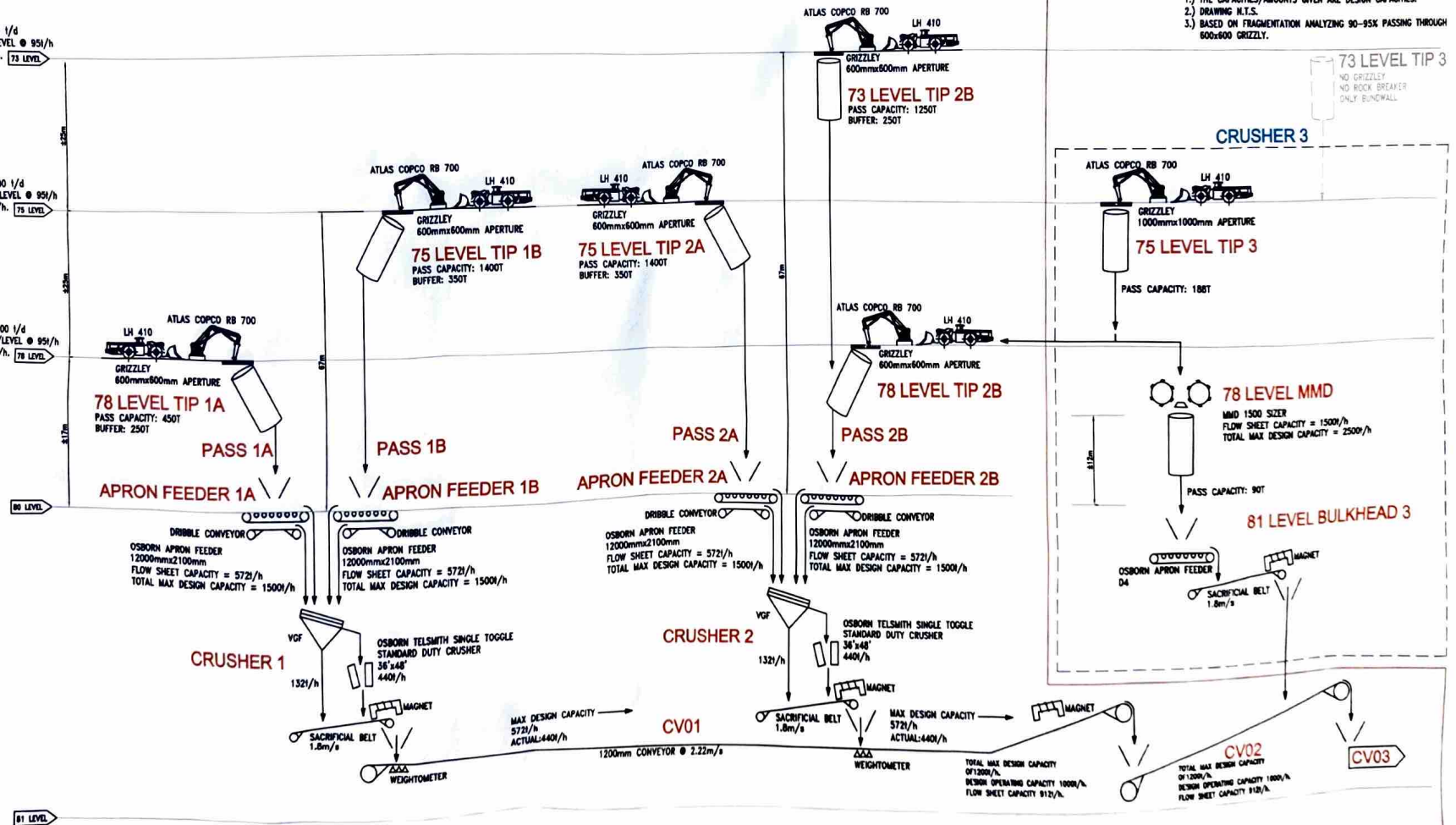
GENERAL NOTES:

- PASS CAN DELIVER 32.89 1/m WITH A DENSITY OF 1.0/m³.
 - CRUSHER DELIVERS AN AVERAGE MAX OF 440t/h.
 - VGF WILL SCALP AT LEAST 30% OF THE MATERIAL WHICH WILL BE 132t/h.
 - MAX TOTAL OF 572t/h WILL BE LOADED ONTO THE CONVEYOR BY ONE CRUSHER.
 - 2 CRUSHERS x 572t/h = 1144t/h
 - 572t/h x 18 h/d = AVERAGE MAX OF 10296t/d PER CRUSHER.
 - 10296t/d x 70 DAYS = AVERAGE MAX OF 720720t PER CRUSHER.
 - 10296t/d x 300 DAYS = AVERAGE MAX OF 3088800t PER CRUSHER.
 - 3088800t x 12 MONTHS = AVERAGE MAX OF 3.708M/t PER CRUSHER.
 - 14h/LHD
 - 95t/h/LHD.
 - 4LHD's/LEVEL @ 95t/h = 380t/h
 - 380t/h x 14h = 5320t/d
- NOTE:
1) THE CAPACITIES/AMOUNTS GIVEN ARE DESIGN CAPACITIES.
2) DRAWING N.T.S.
3) BASED ON FRAGMENTATION ANALYZING 90-95% PASSING THROUGH 600x600 GRIZZLY.

MAX 5000 1/d
4LHD's/LEVEL @ 95t/h
= 380t/h. 75 LEVEL

MAX 5000 1/d
4LHD's/LEVEL @ 95t/h
= 380t/h. 75 LEVEL

MAX 6000 1/d
4LHD's/LEVEL @ 95t/h
= 380t/h. 78 LEVEL



NUMBER	REFERENCE DRAWINGS	REVISIONS	MARK	INT.	DATE	SCALE:	AS SHOWN	APPROVED	PETRA DIAMONDS - P.O BOX 7 LIME ACRES 8410
		DRAWING AMENDED	3	F.O.	09/02/2018				Location: UNDERGROUND
		DRAWING AMENDED	4	F.O.	03/11/2018		ERICH OLIVIER		70-81 LEVEL PROCESS FLOW DIAGRAM
		DRAWING AMENDED	5	F.O.	17/12/2020		21/07/2014		PRODUCTION ORE HANDLING SYSTEM
		CRUSHER 3 ADDED - DRAWING AMENDED	6	F.O.	03/03/2021				PHASE 1 & CRUSHER 3
		75 LEVEL TIP 1 ADDED - DRAWING AMENDED	7	F.O.	02/08/2021				
		75 LEVEL TIP 1 REMOVED - DRAWING AMENDED	8	F.O.	20/10/2021				
						DO NOT SCALE IF IN DOUBT ASK			
									SHEET No. 1 OF 1 REV. 8 DRAWING No. F10524_001 AT