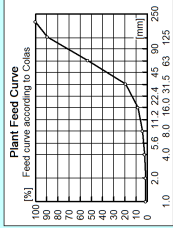


Existing Primary Crushing Stage

Plant Feed PSD	
[mm] [%]	
2	1.0
4	2.0
8	4.0
16	8.0
32	16.0
64	33.0
128	89.0
250	100.0

Material: Andesite  
Feed curve according to Colas  
Work index: 20  
Amount of moisture: 1% (by weight)  
Specific gravity: 2.65 ton/m<sup>3</sup>  
Amount of clay: 0.0% (by weight)  
Abrasion index: 0.5

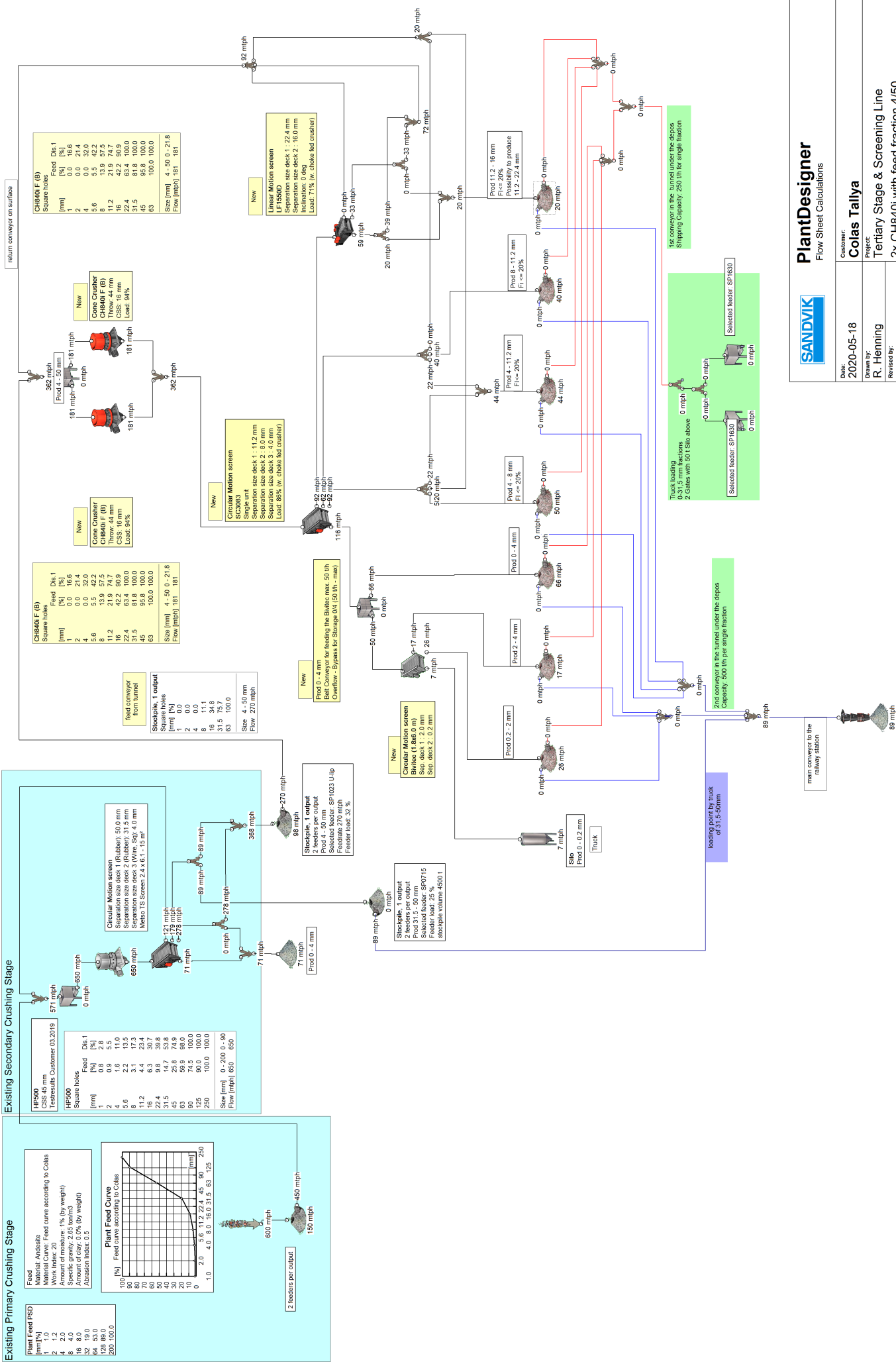


Existing Secondary Crushing Stage

HP500	
Test Results Customer 03/2019	
Square holes [mm]	Feed [%]
1	0.8
2	1.0
4	1.0
8	2.2
16	11.0
32	22.2
64	39.8
128	53.8
250	74.9
500	89.0
1000	100.0
2000	100.0
Size [mm]	0 - 200
Flow [m <sup>3</sup> /h]	650

Circular Motion screen	
Metso TS Screen 2.4 x 6.1 - 15 m <sup>2</sup>	
Separation size deck 1 (Rubber) 50.0 mm	Feed [%]
1	0.0
2	0.0
4	0.0
8	0.0
16	34.8
32	75.7
64	100.0
128	100.0
250	100.0
Size [mm]	4 - 50
Flow [m <sup>3</sup> /h]	181

Circular Motion screen	
SC3083	
Separation size deck 1 11.2 mm	Feed [%]
1	0.0
2	0.0
4	0.0
8	0.0
16	34.8
32	75.7
64	100.0
128	100.0
250	100.0
Size [mm]	4 - 50
Flow [m <sup>3</sup> /h]	181



PlantDesigner  
Flow Sheet Calculations

	Date:	2020-05-18	Customer:	Colas Tallya
	Drawn by:	R. Henning	Project:	Tertiary Stage & Screening Line
	Revised by:	B. Persson		2x CH840i with feed fraction 4/50
	Approved by:	B. Persson	Project no:	M11273
			Flow sheet no:	FM11277-43
			Uit. No. 3DFA-DEFF-E3C-418B-BFFs-xxxx	Last Sim. 2020-05-18 08:30
Remarks:	Please note that PlantDesigner® gives indicative values, based on typical operating conditions. Since operating conditions can vary very widely, no warranty of these recommendations, either expressed or implied, is given by PlantDesigner®, its owners or supplier.			