

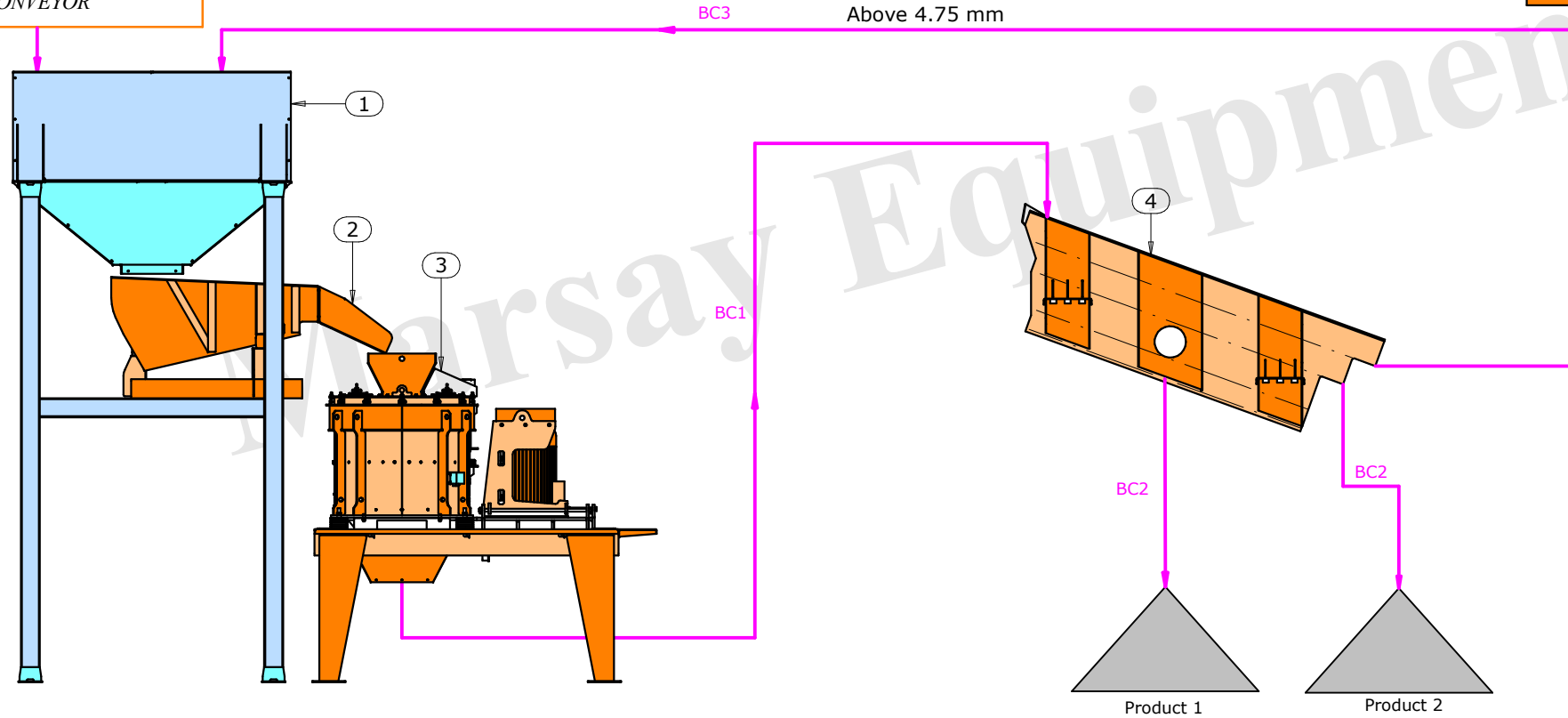
50TPH SAND MAKING PLANT

Sr. No.	Description	Qty	Power	Total Power
			Kw	Kw
1	Surge Bin 12.5 Cu.Mtr.	1	Nil	Nil
2	Feeder 0.8 x 2.2 Mtr.	1	3.6	3.6
3	Vertical Shaft Impactor SVSI-100	1	110	110
4	Vibratory Screen 12'x4'x2 Deck	1	3.6	3.6
5	Electric Control Panel	1	Nil	Nil
BC1	Conveyor 750 mm x 18 Mtr.	1	5.5	5.5
BC2	Conveyor 600 mm x 15 Mtr.	2	3.6	7.2
BC3	Conveyor 600 mm x 21 Mtr.	1	5.5	5.5

Total Power Required For Plant 138 Kw
187 Hp
Suggested DG Set 180 KVA

Assumed Feed To Plant
Feed Rate: 50 TPH
Bulk Density: 1.6 T/Cu.Mtr.
Material Type: Basalt
Feed Curve: See Catalogue
Moister Content: 1% by weight
Contamination: Dust & Clay Free

Feed Size 00 TO 30 mm
FROM EXTERNAL
CONVEYOR



± 10 % Depends on Material Density, Moister Contenets,
Output Gradation, Variation in Feed
Material Flow in ±15%
As the shape of end product can only be controlled on 3rd stage
ie. Vertical Shaft Impactor. In two stage plant the shape cannot
be guaranteed.

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Material:	Qty:	Treatment:	All Dimensions are in mm		
Revision 0	Drawn by	Date 24.07.2024	Checked by CPB	Approved by CPB	Scale N.T.S.
MS MARSAY EQUIPMENT CC			TITLE : 50 TPH SAND MAKING PLANT		
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