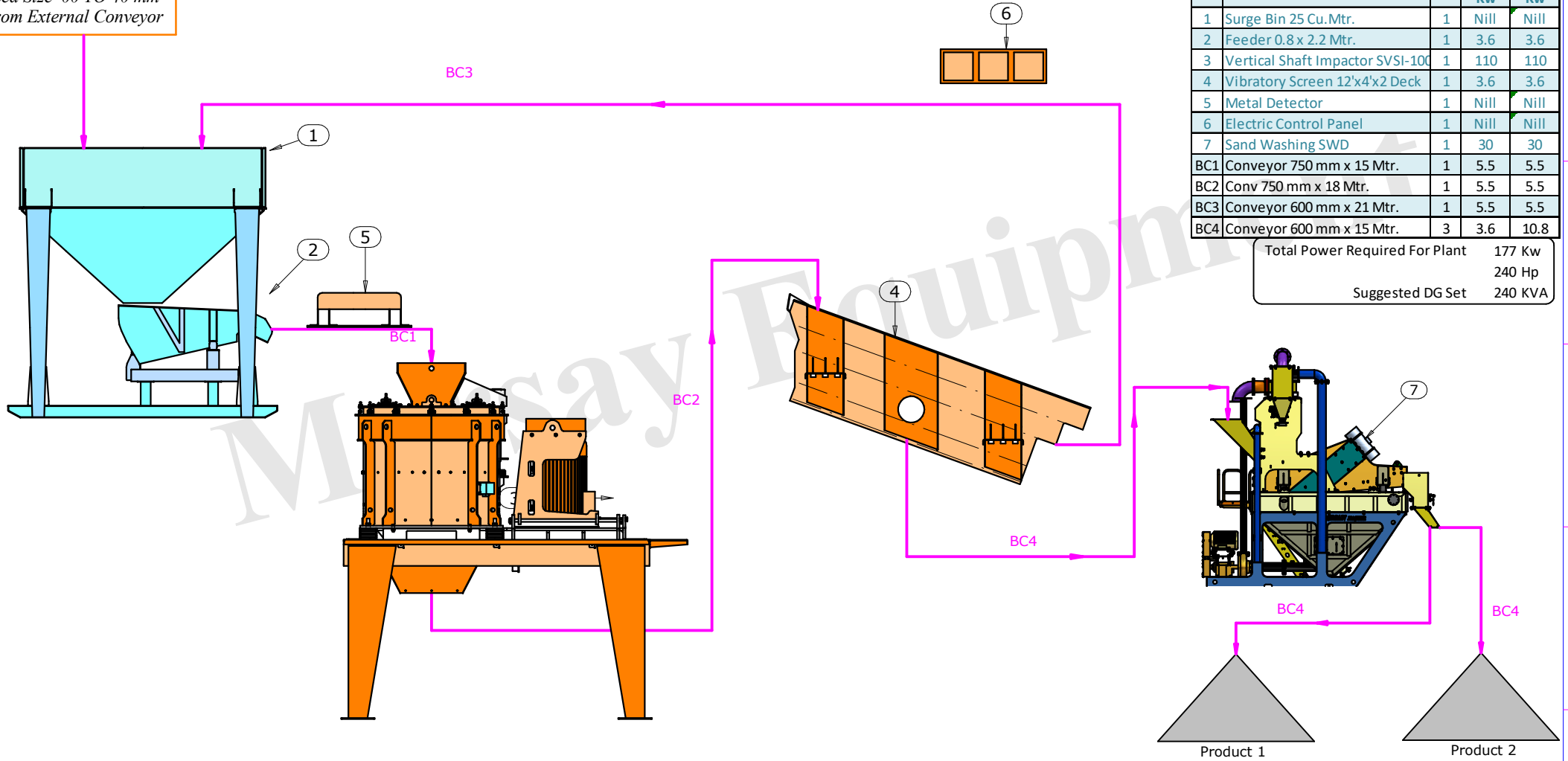


75 TPH SAND MAKING & SAND WASHING PLANT

Assumed Feed To Plant
Feed Rate: 75 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 40 mm
From External Conveyor



Sr. No.	Description	Qty	Power Kw	Total Power Kw
1	Surge Bin 25 Cu.Mtr.	1	Nill	Nill
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	Metal Detector	1	Nill	Nill
6	Electric Control Panel	1	Nill	Nill
7	Sand Washing SWD	1	30	30
BC1	Conveyor 750 mm x 15 Mtr.	1	5.5	5.5
BC2	Conv 750 mm x 18 Mtr.	1	5.5	5.5
BC3	Conveyor 600 mm x 21 Mtr.	1	5.5	5.5
BC4	Conveyor 600 mm x 15 Mtr.	3	3.6	10.8

Total Power Required For Plant 177 Kw
240 Hp
Suggested DG Set 240 KVA

± 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 : 75 TPH SAND MAKING & SAND WASHING PLANT			
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