

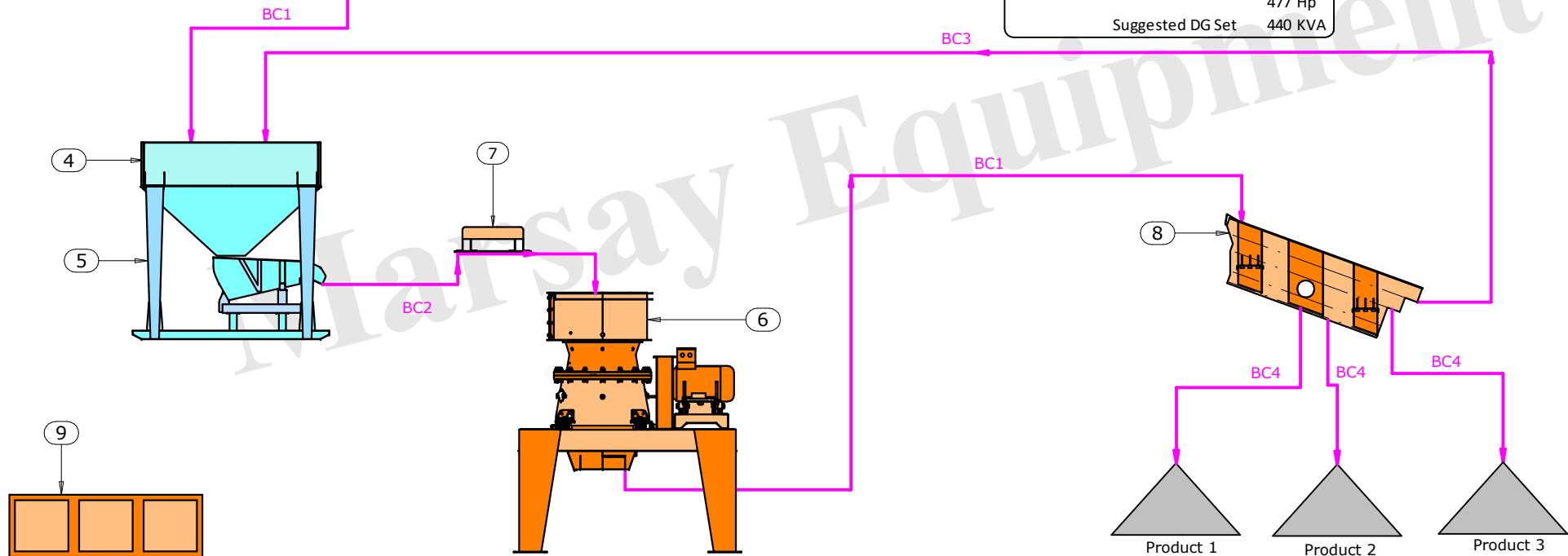
Feed Size = 800 mm (32")

250TPH STATIONARY 2-STAGE CRUSHING & SCREENING PLANT

Sr. No.	Description	Qty	Power Kw	Total Power Kw
1	Hopper 40 Cu.Mtr.	1	Nil	Nil
2	Feeder 1.2 x 4 Mtr.	1	11	11
3	Primary Jaw Crusher 44"x34"	1	110	110
4	Surge Bin 40 Cu.Mtr.	1	Nil	Nil
5	Feeder 1.1 x 3 Mtr.	1	7.4	7.4
6	Cone Crusher SH 200	1	160	160
7	Metal Detector	1	Nil	Nil
8	Vibratory Screen 20'x5'x3 Deck	1	15	15
9	Electric Control Panel	1	Nil	Nil
BC1	Conveyor 1000 mm x 24 Mtr.	2	10	20
BC2	Conv 1000 mm x 18 Mtr.	1	10	10
BC3	Conveyor 600 mm x 28 Mtr.	1	5.5	5.5
BC4	Conveyor 600 mm x 18 Mtr.	3	3.6	10.8

Total Power Required For Plant 353 Kw
477 Hp
Suggested DG Set 440 KVA

Assumed Feed To Plant
Feed Rate: 250 TPH
Bulk Density: 1.6 T/Cu.Mtr.
Material Type: Basalt
Feed Curve: See Catalogue
Moister Content: 1% by weight
Contamination: Dust & Clay Free



± 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 23.07.2024	Checked by CPB	Approved by CPB	Scale N.T.S.		
MS MARSAY EQUIPMENT CC				TITLE : 250 TPH STATIONARY 2-STAGE CRUSHING & SCREENING PLANT				
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