

Washing, Dewatering, Classification, Blending & Contaminant Removal



Presented to:

Prepared by:

Excellent
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Solutions

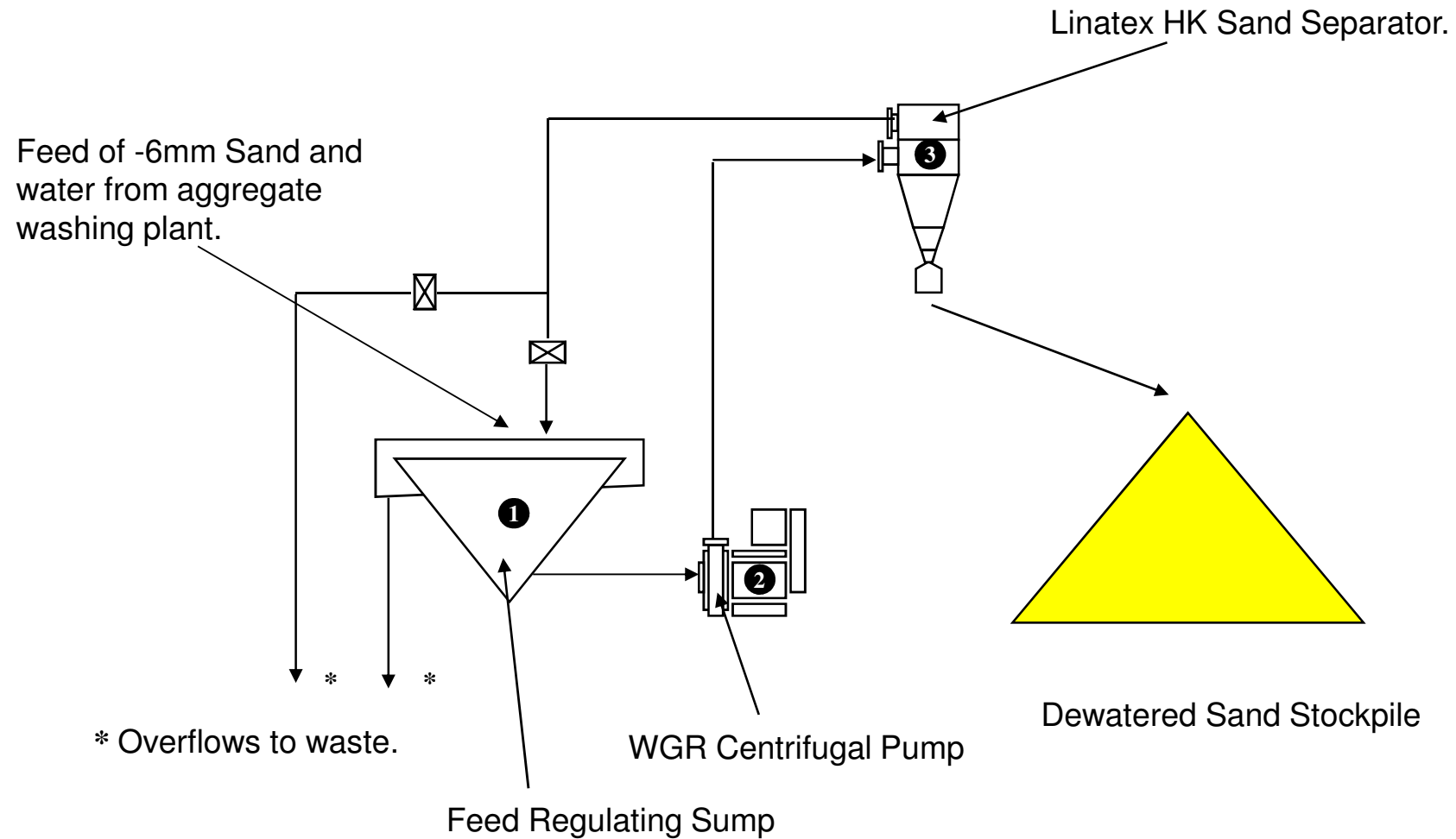
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LINATEX®
Rubber Products



Linatex Single Grade Sand Washing and Dewatering System.



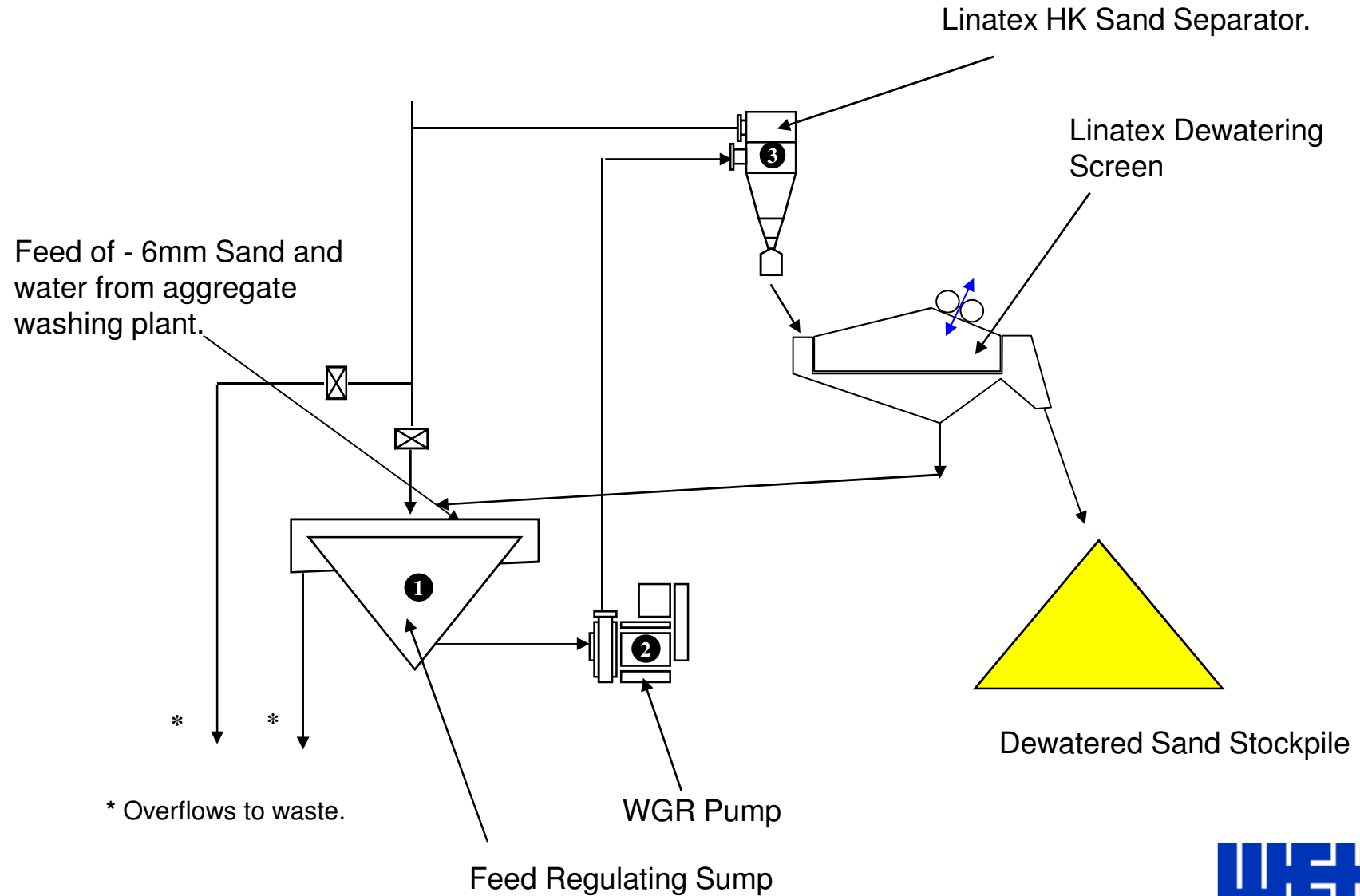
Typical arrangements, stockpiling tower mounted Linatex Sand Separators.



Arrangement with twin Linatex Sand Separators stockpile tower mounted.



Linatex Single Grade Sand Washing and Screen Dewatering System.

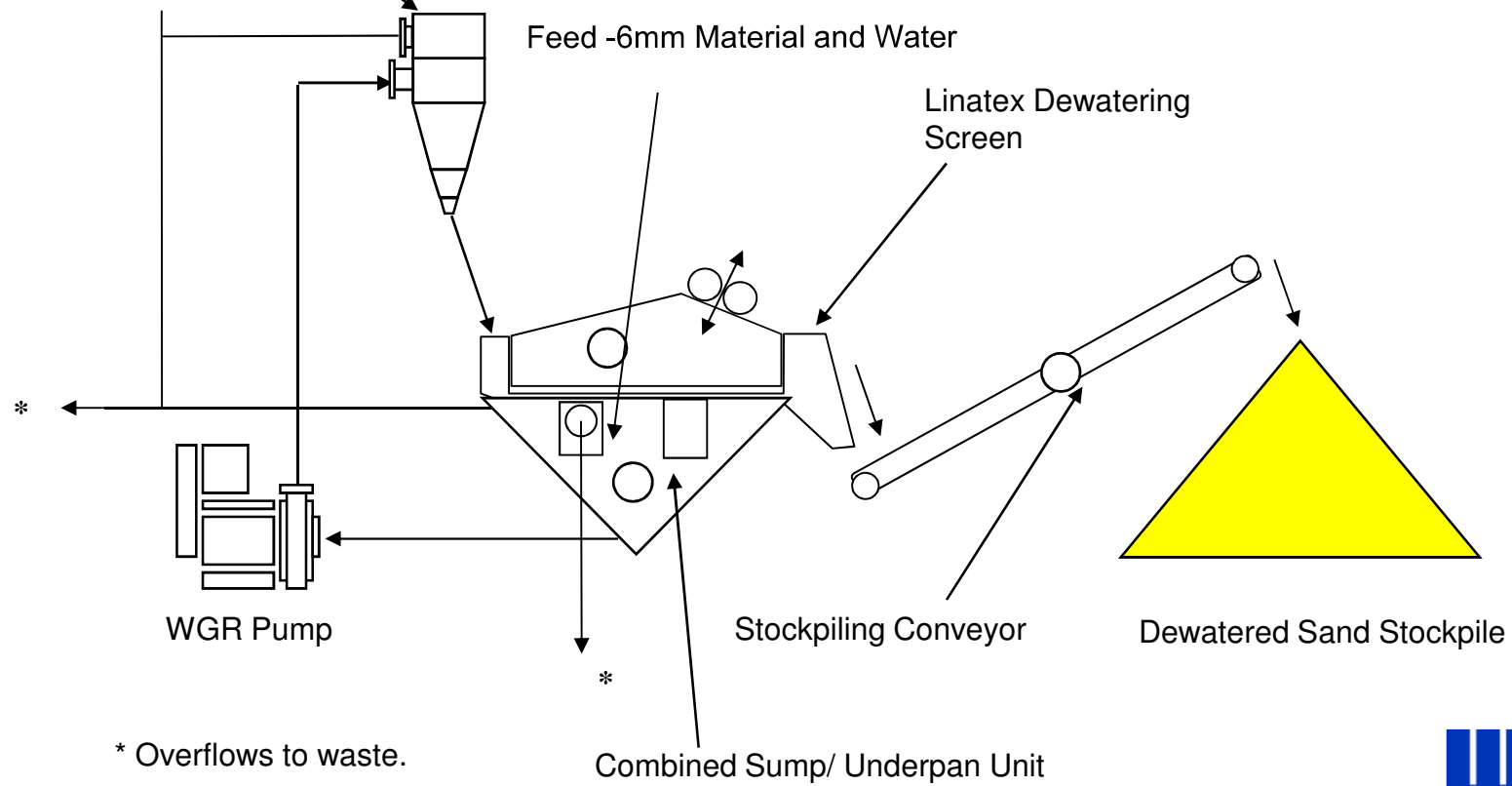


Typical arrangement (static) Washing & Screen Dewatering System.



Compact Plant

- Linatex Hydrocyclone



Compact Plants

Skid mounted mobile

■ Compact (100)

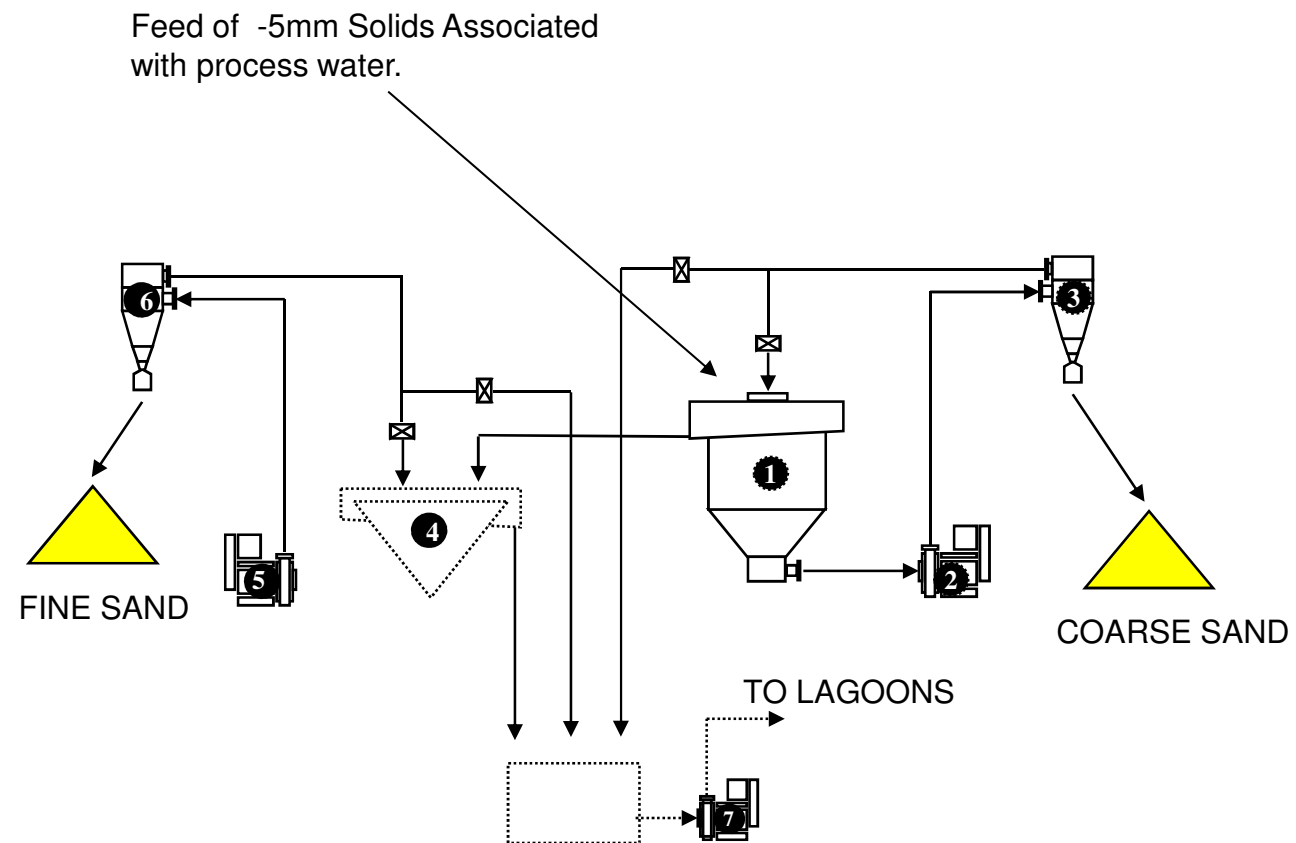


Compact (200)



Typical Linatex S-Type Classification System.

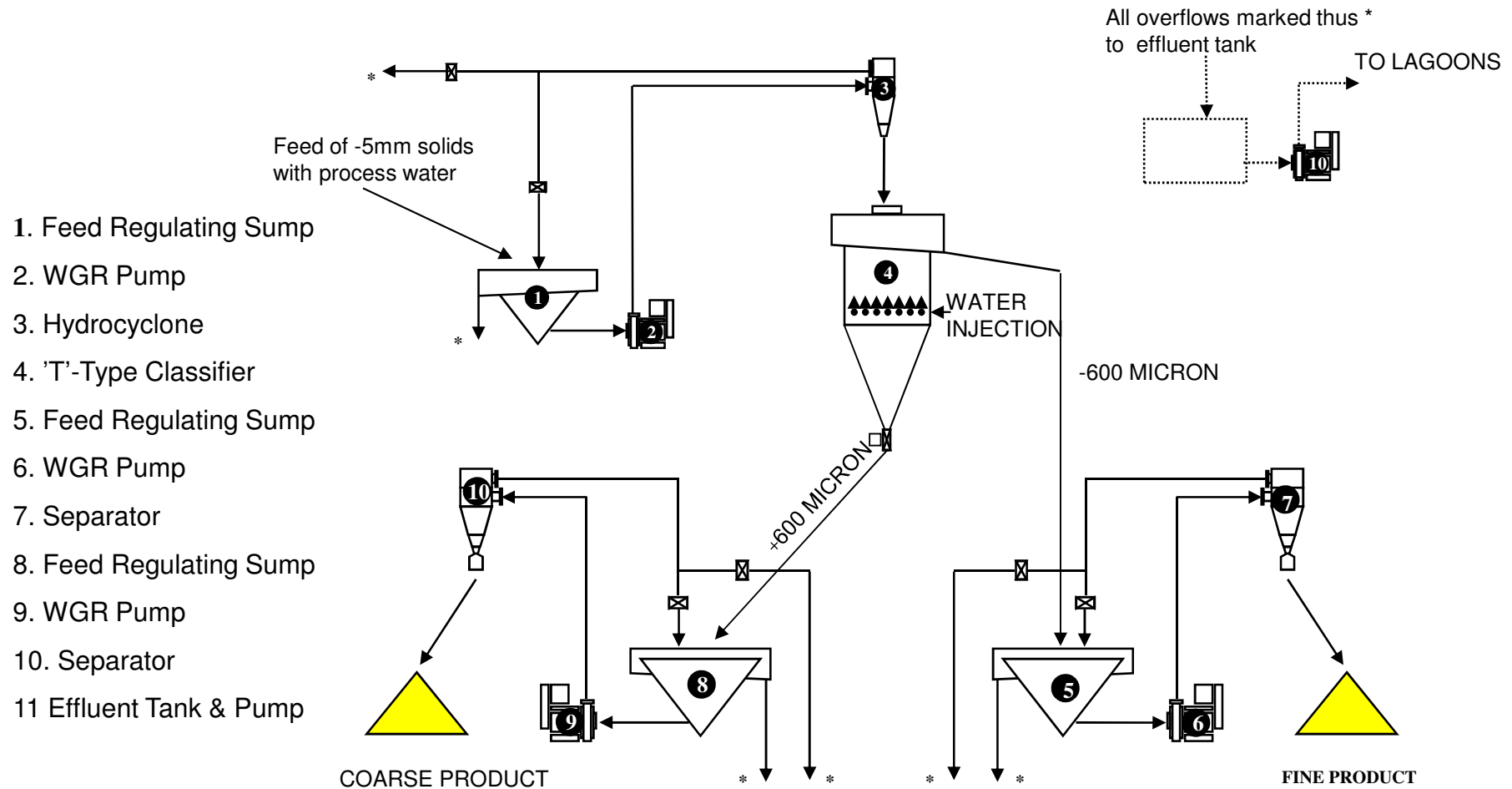
- 1 'S'-Type Classifier
- 2 WGR Pump
- 3. Separator
- 4. F.R. Sump
- 5. WGR Pump
- 6. Separator
- 7. Effluent Tank & Pump



Typical Linatex S-Type Classification System.



Linatex T-Type Classification and Dewatering System.



Typical Classifier Process Plants



Dual In-Line Blending plant with two 3.0m T-Type Classifiers and DMS for lignite removal.

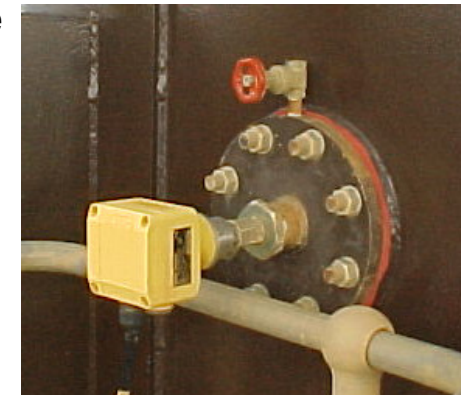
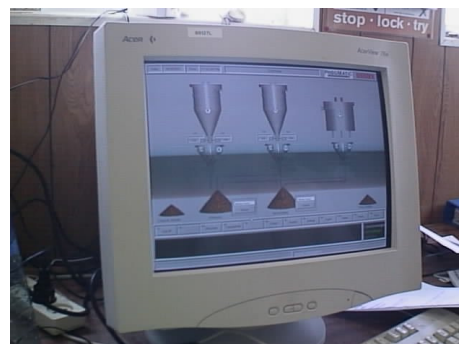
Twin 2.4m T-Type Classification System with lignite removal



Classifier Control Systems



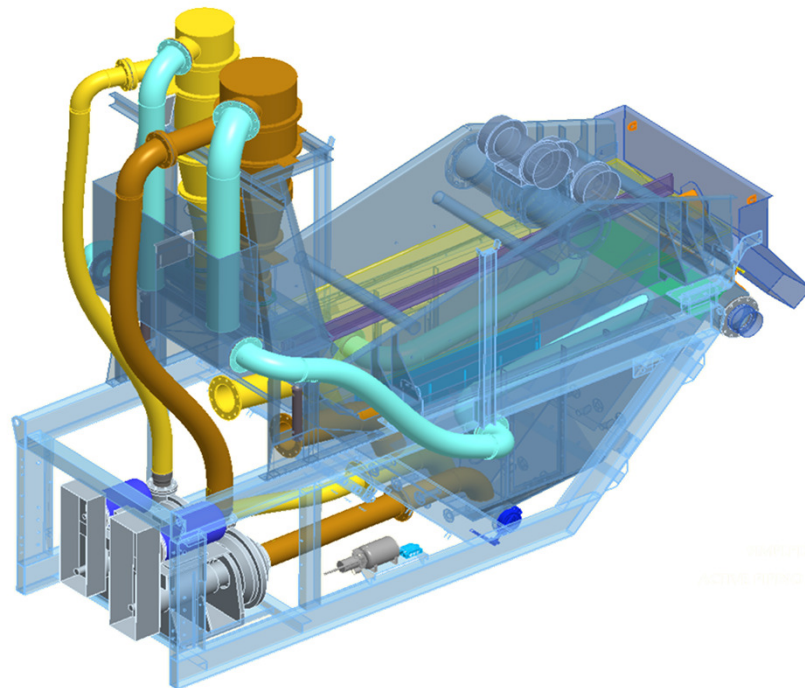
PLC control with PC visualization of multi grade in-line blending system.



The latest generation 275 tph Classification and Blending System



Historical Main Markets – OEM's - Kits



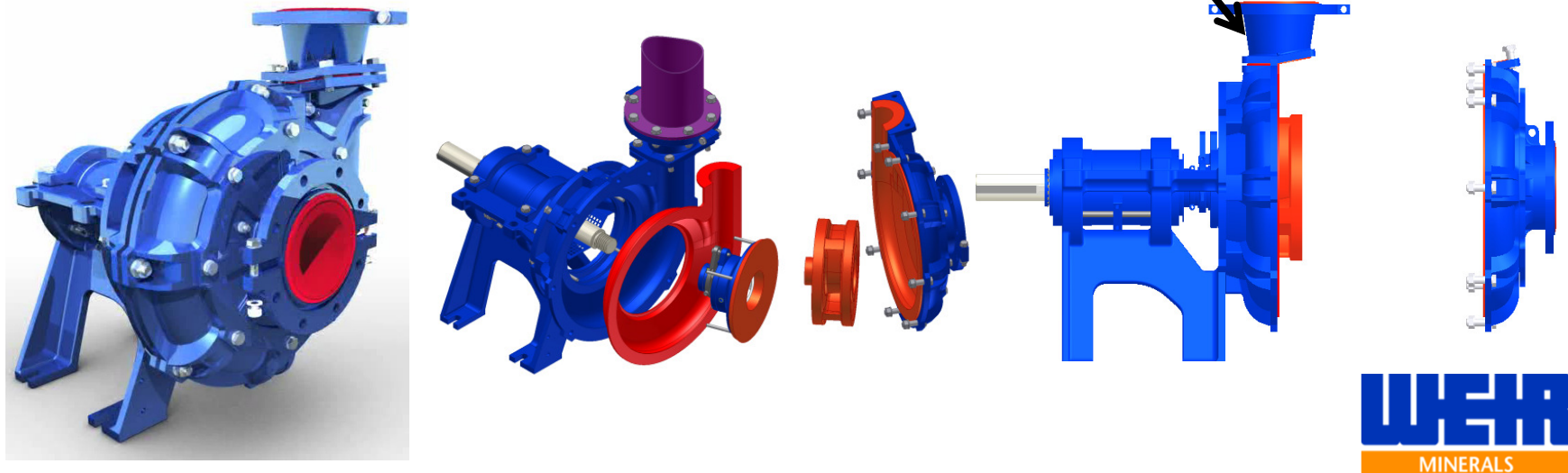
WGR Rubber – Features & Benefits

Pump can be fully serviced without removing the discharge pipe work.

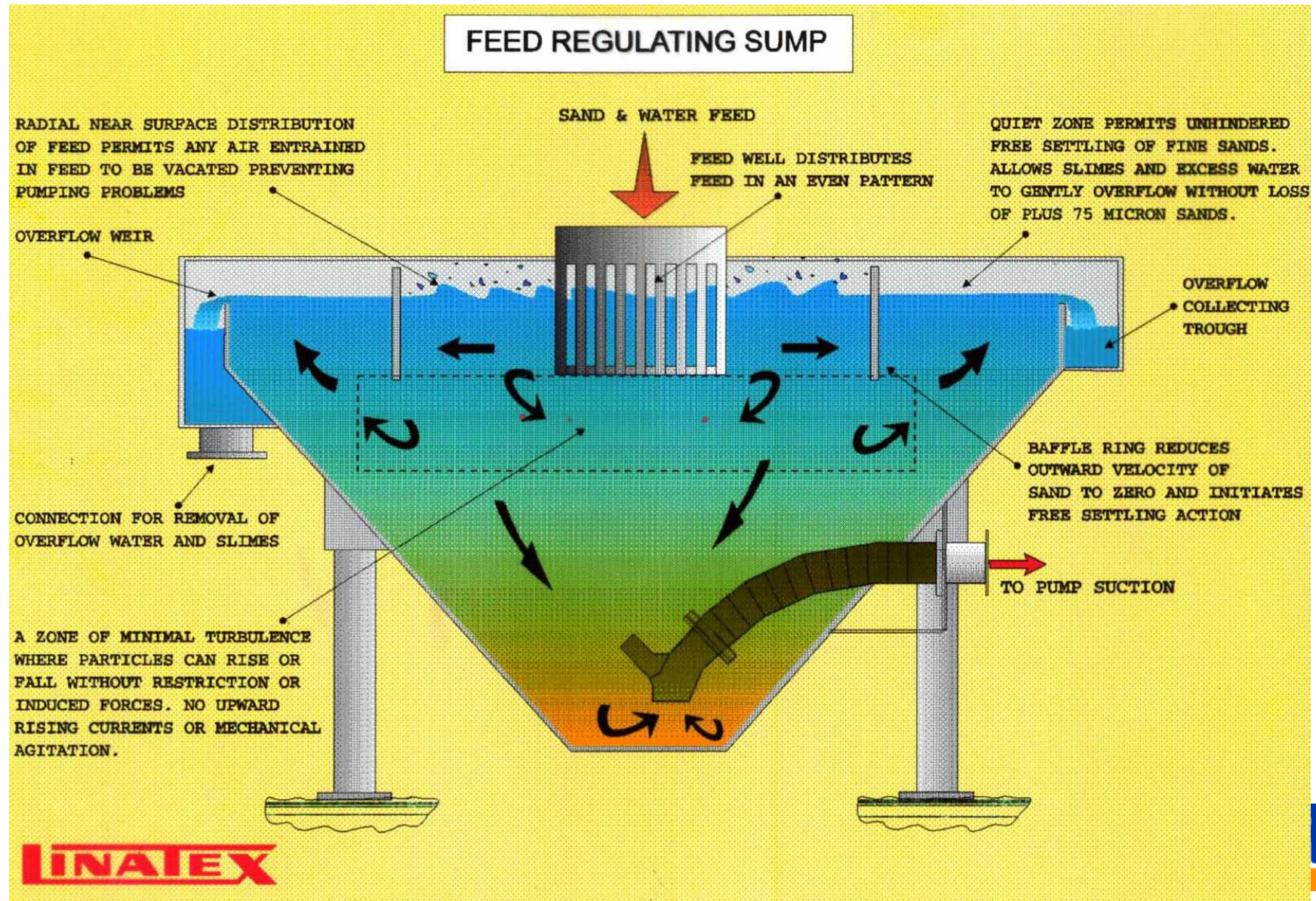
Loose Discharge flange – easy pipe alignment & flange drilling selection.

Great serviceability.

Choice of inserts for smooth transition into pipe work.



Typical Separator Feed Sump



Typical Separator Feed Sump



Sand Fines Removal

120-130TPH TOTAL SANDS

1 no. 30kW Motor
1 no. 15kW Motor
2 no. 5.28kW Motor

1 no. Linatex 150/125 WGR Pump
1 no. Linatex 200/150 WGR Pump

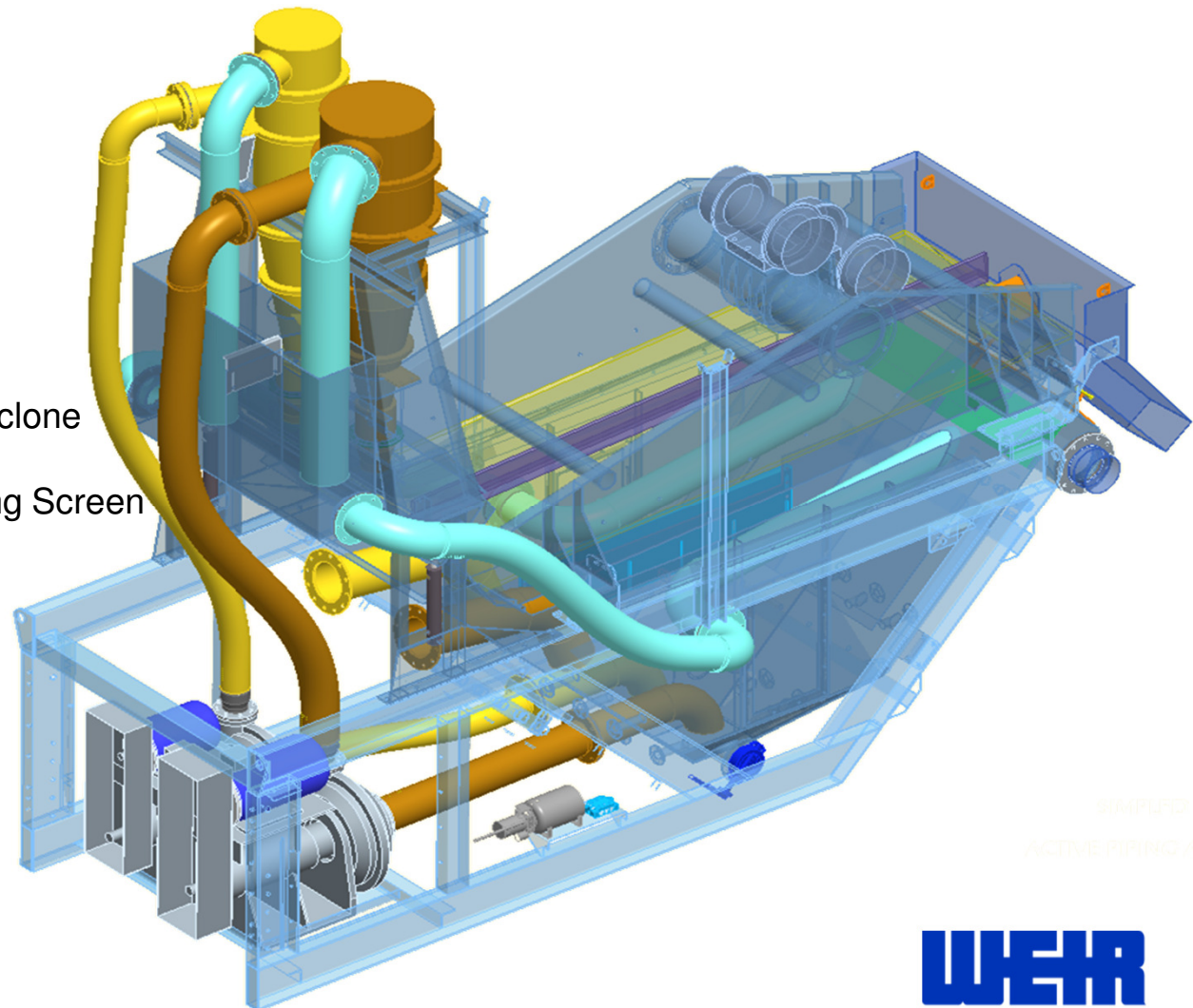
1 no. Linatex 824 (24") Cyclone
1 no. Linatex 618 (18") Extended Cyclone

1 no. 14x5 (4.3m x 1.5m) De-watering Screen
Polyurethane Deck
Adjustable Central Divider

Blending plate on cyclone discharge

Twin Product Discharge Chute

15 Tonnes Unladen



SIMPLE
ACTIVE PIPING

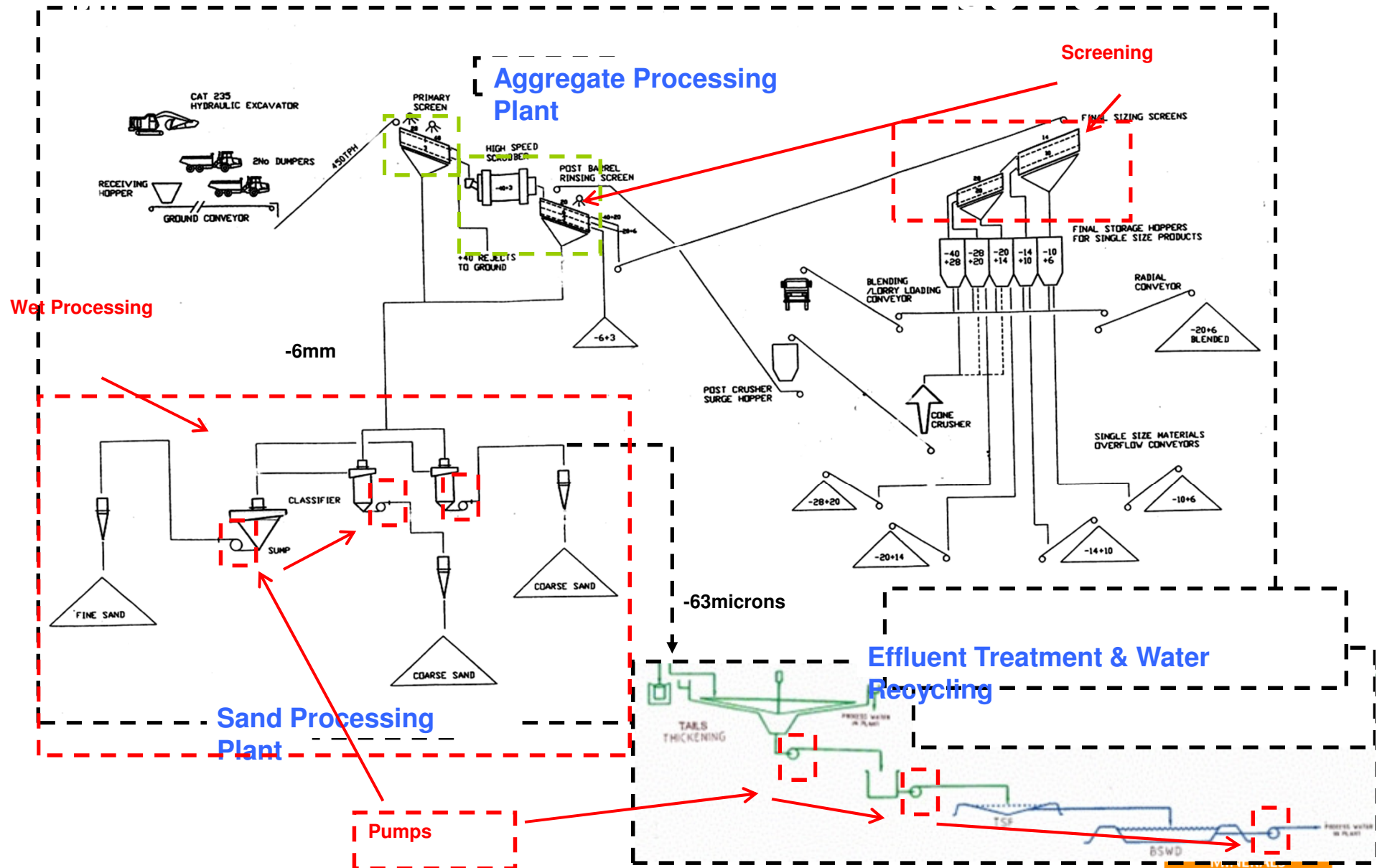
Typical arrangements Washing Dewatering Systems.



Separator on stockpiling tower.



Primary sand washing & dewatering of 380tph of -5mm material
Effluent Treatment by thickener & silt return onto dewatering screens.



Elements of the Linatex System.

- Feed Regulating Sumps.
- Centrifugal Slurry Pumps.
- Hydrocyclones and Linatex Separator
- Dewatering Screens.
- Classifiers.