



SPIRAC[®]
Conveying Technology

Project Summary No. PS-0856-SG-Con

Application:

Sludge, screenings and grit
conveying and storage

The Site:

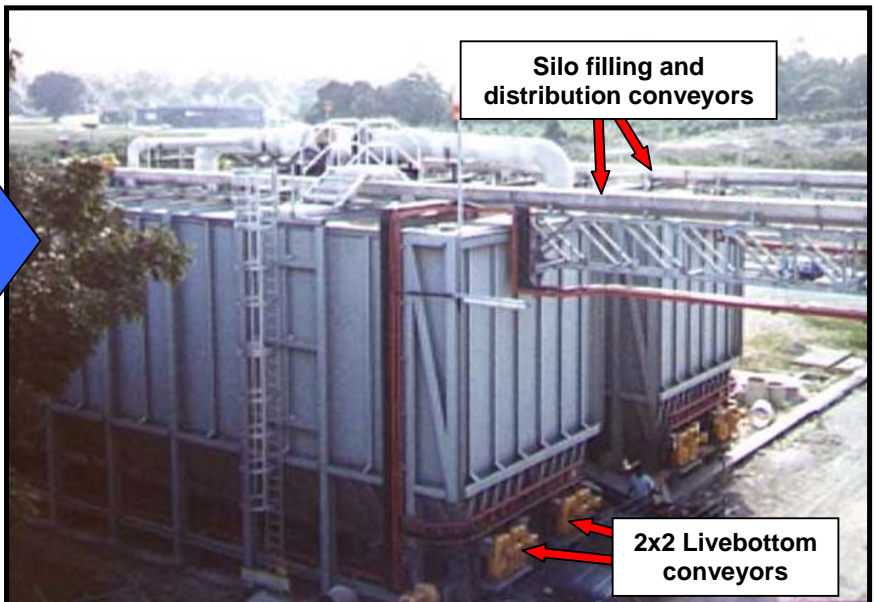
Selatar STP is situated in the northeastern part of Singapore and handles 114,000 m³/day of sewage flow from an equivalent population of 480,000 persons.

Over 1,000m of SPIRAC shaftless spiral conveyors were installed in 1998, handling sludge, screenings and grit.



Sludge Conveyors:

- 5 x 400 m³ storage silos each with 14m 2x2 livebottom conveyors
- 2 x twin OK500 (Octagonal) vertical conveyors 14m (45') long, each handling 60m³/hr (2,100 ft³/hr).
- Total of 640m (2,100') of sludge conveying
- Longest continuous conveyor run of 35m (115')



Contact:

For additional information or contact details for this project or your local SPIRAC office, check our Website at www.spirac.com

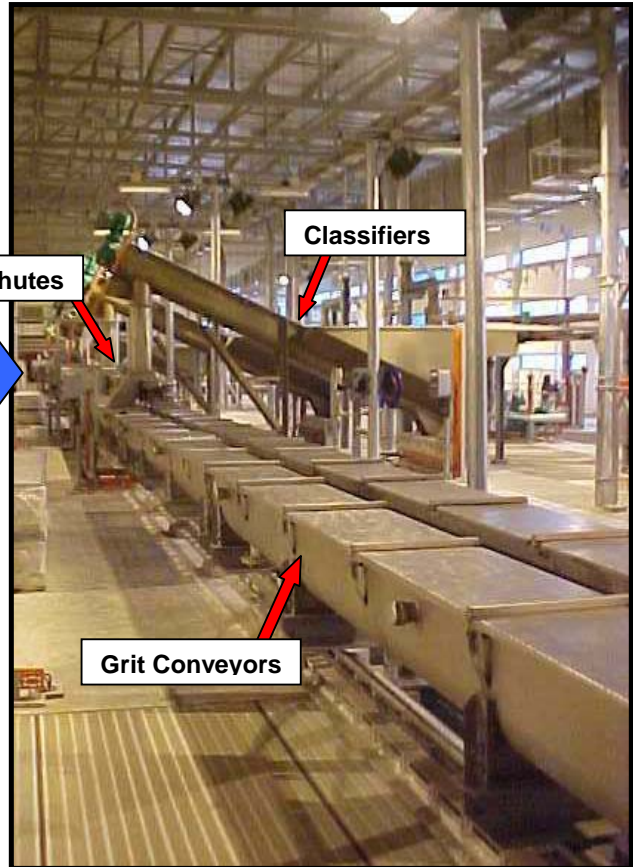


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Grit Conveyors:

- 240m (790') of U355 conveyors
- Automated bifurcated chutes for changeover of bin receipt
- 10m³/hr grit loading per conveyor
- 4m (13') vertical conveyors
- Longest continuous run of conveyor 30m (98')

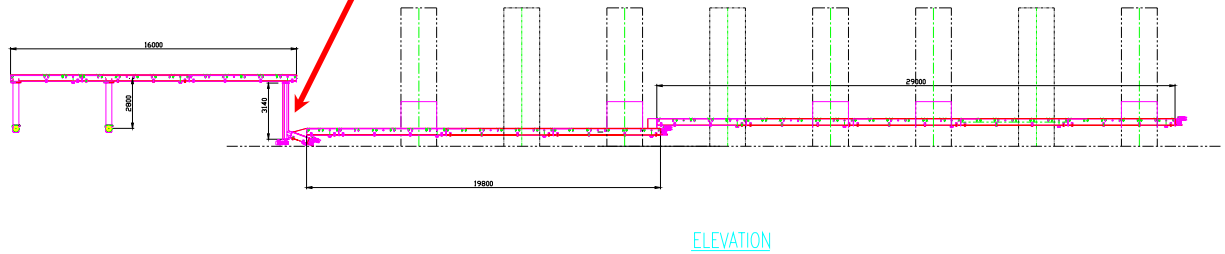
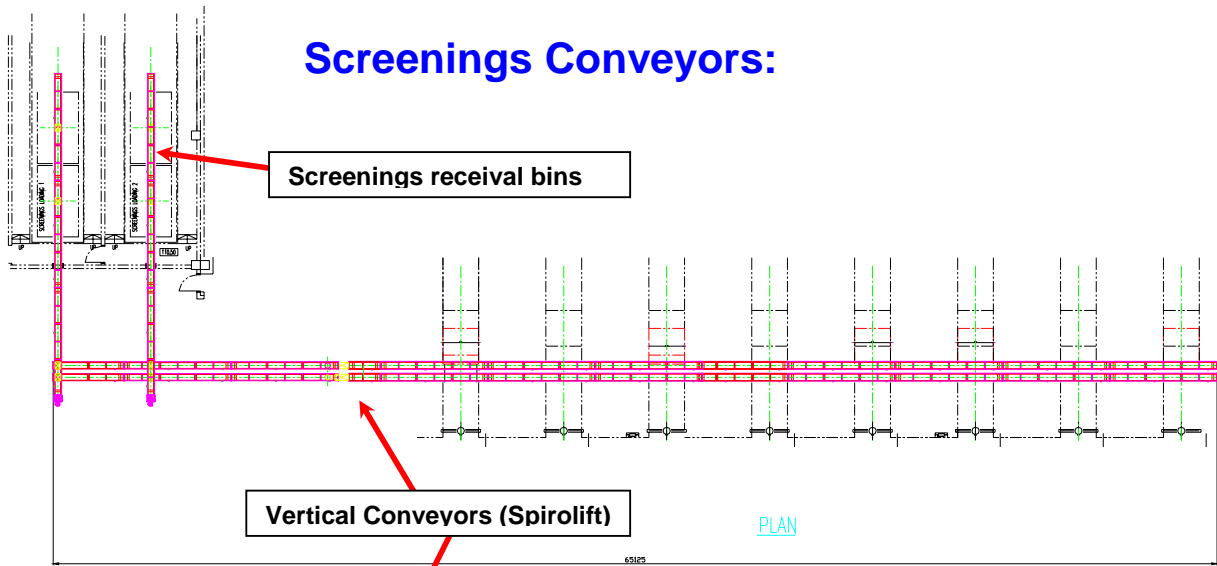


Screenings Conveyors:

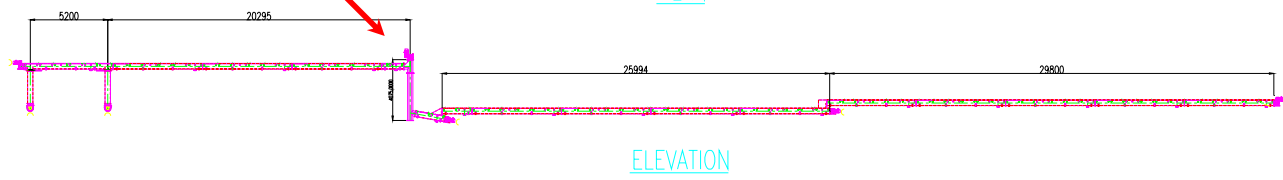
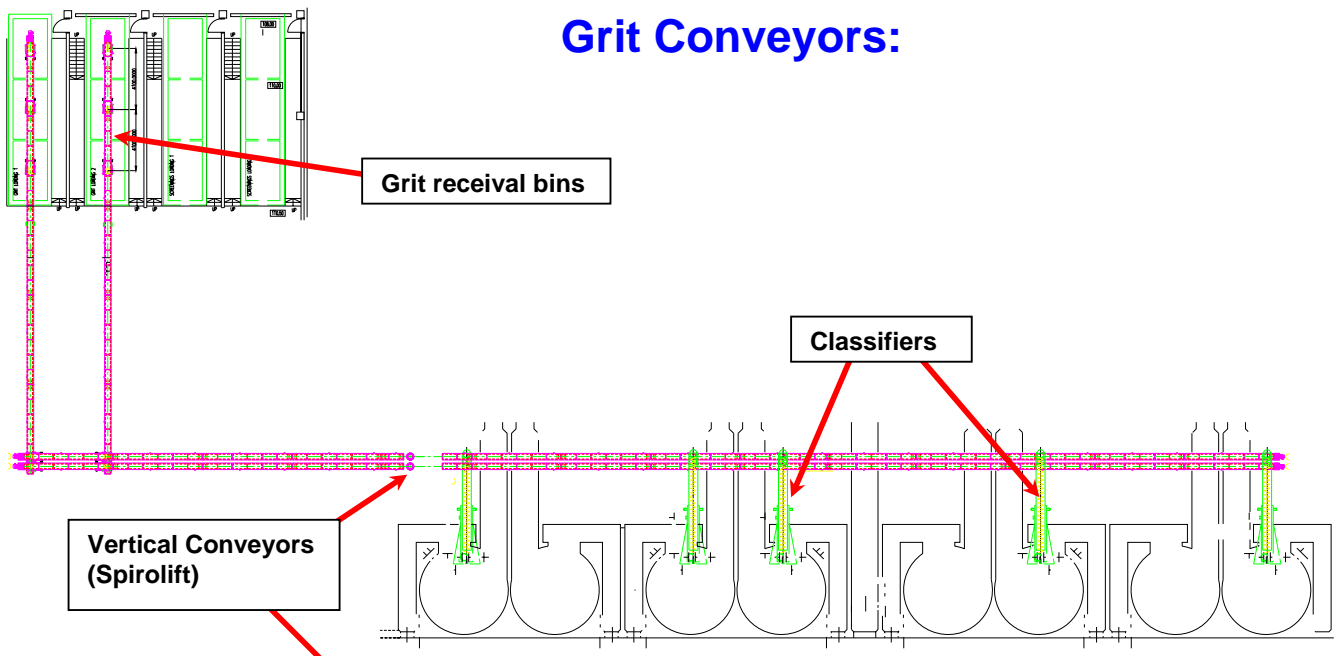
- 175m (570') of U355 and U320 conveyors
- Automated bifurcated chutes for changeover of bin receipt
- 4m³/hr screenings loading per conveyor
- 3m (10') vertical conveyors
- Longest continuous run of conveyor 29m (95')



Screenings Conveyors:

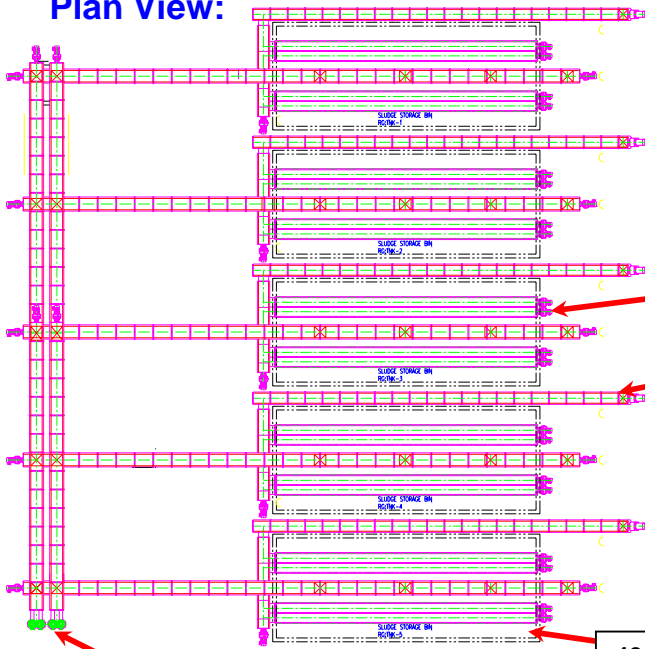


Grit Conveyors:

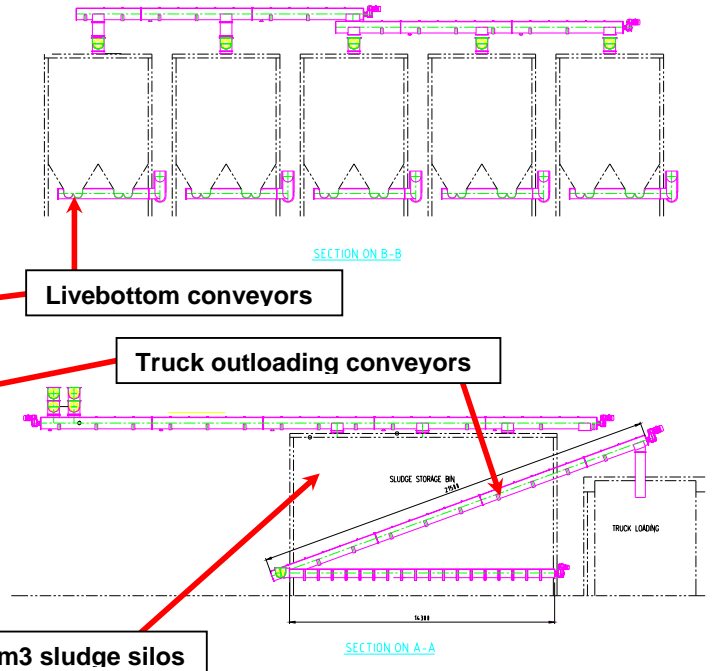


Sludge Conveyors and Silos:

Plan View:



Section Views:



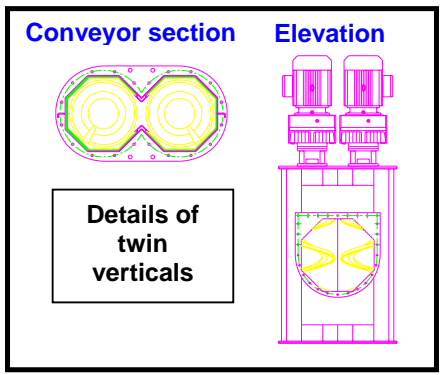
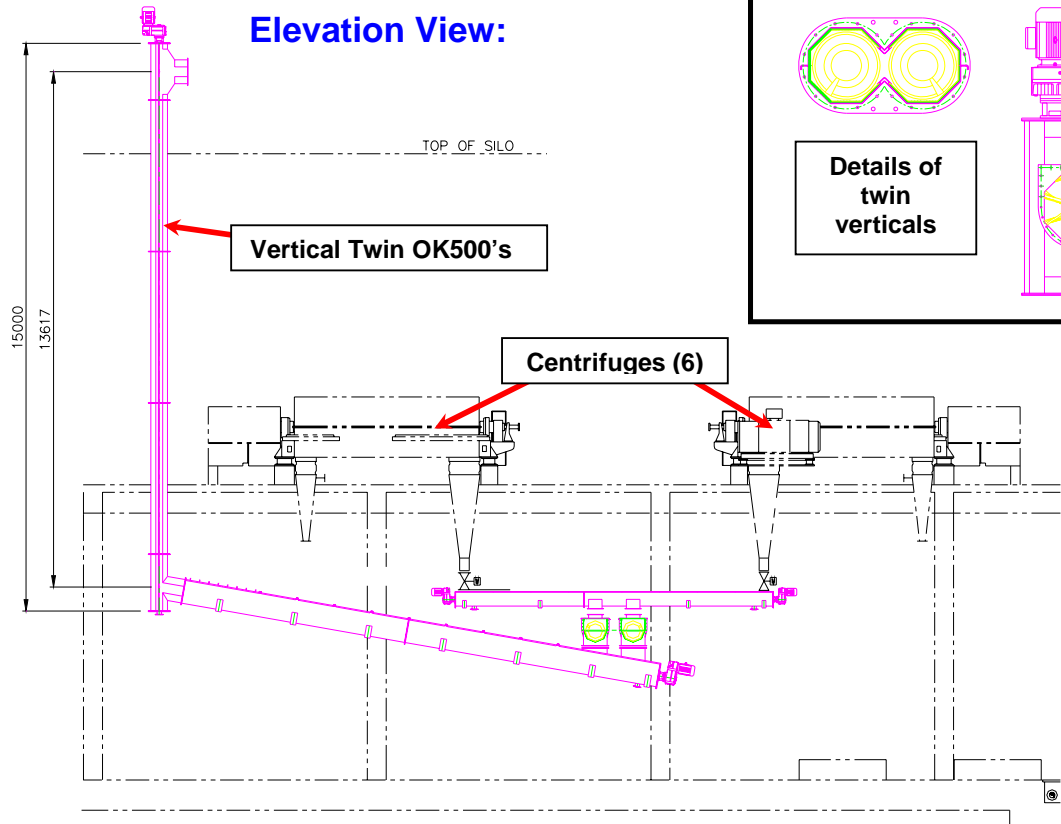
Vertical Twin OK500's

Livebottom conveyors

Truck unloading conveyors

400m3 sludge silos

Elevation View:



Contact:

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