



Separation Technology AS





Soil Washing Plant

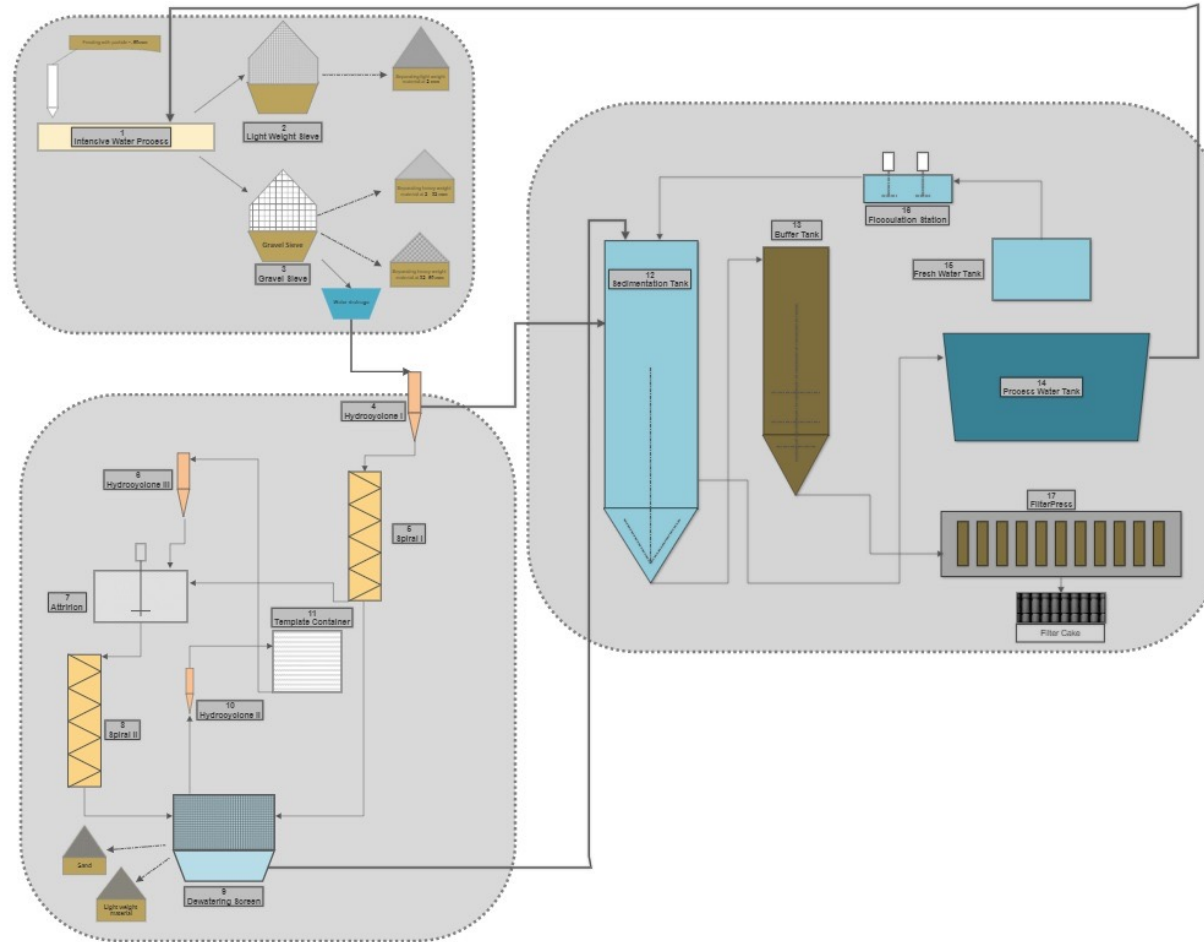
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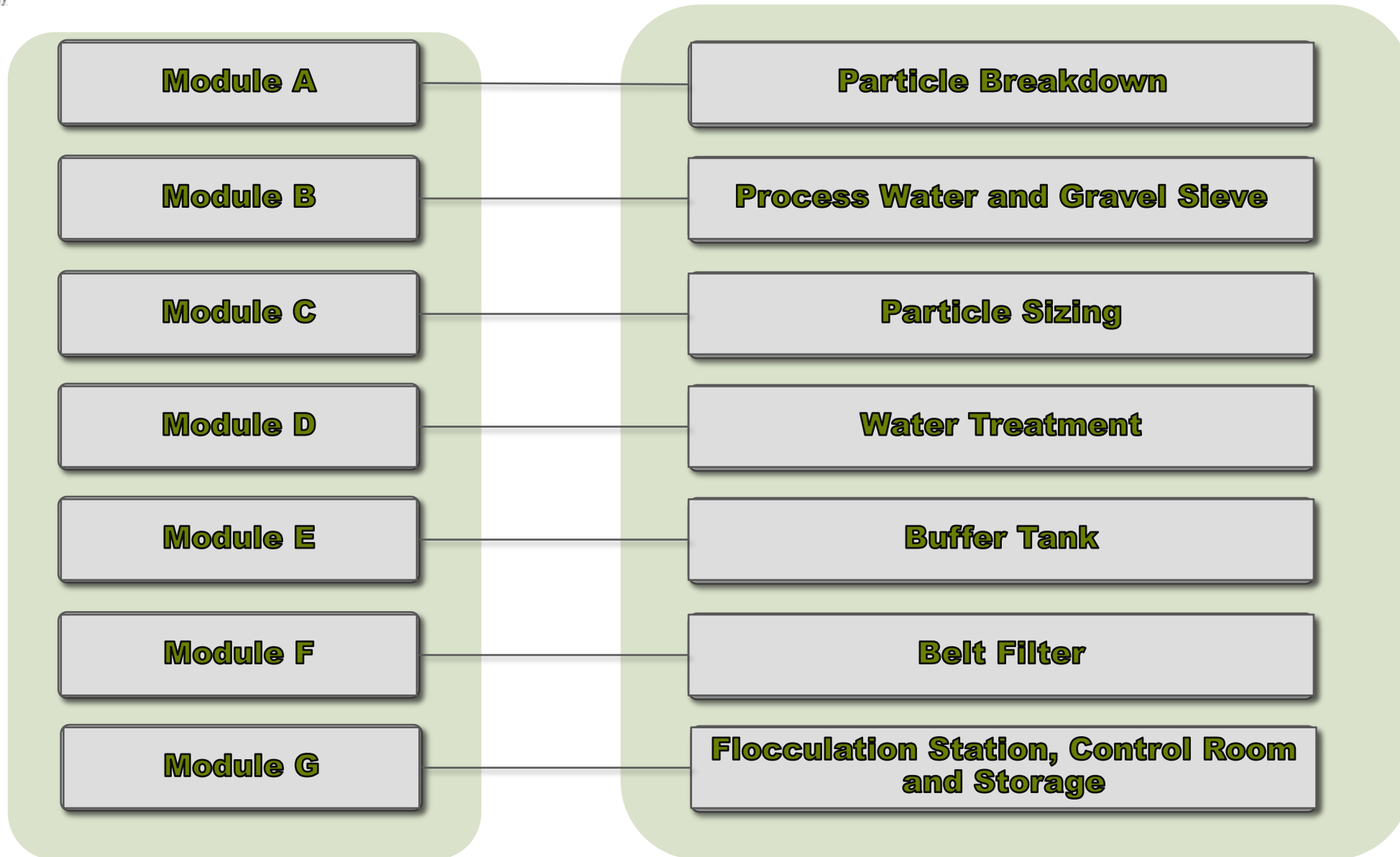
General data

Type of plant	Modular, in container skides
Input material	Contaminated soil, and crushed concrete
Fines portion < 0,063 mm	Approx 30%
Auxiliary material	Chemicals for sludge dewatering *Chemicals for pH adjustment *Surfactants *Complexation agents
Residual material	Depending on input PSD
Waste water	Process water is circulated. No water emmision during operation
Emmisions	Ususally no emmisions
Noise	<70 dB at 10 m
Energy consumption	Approx 20kw/hour

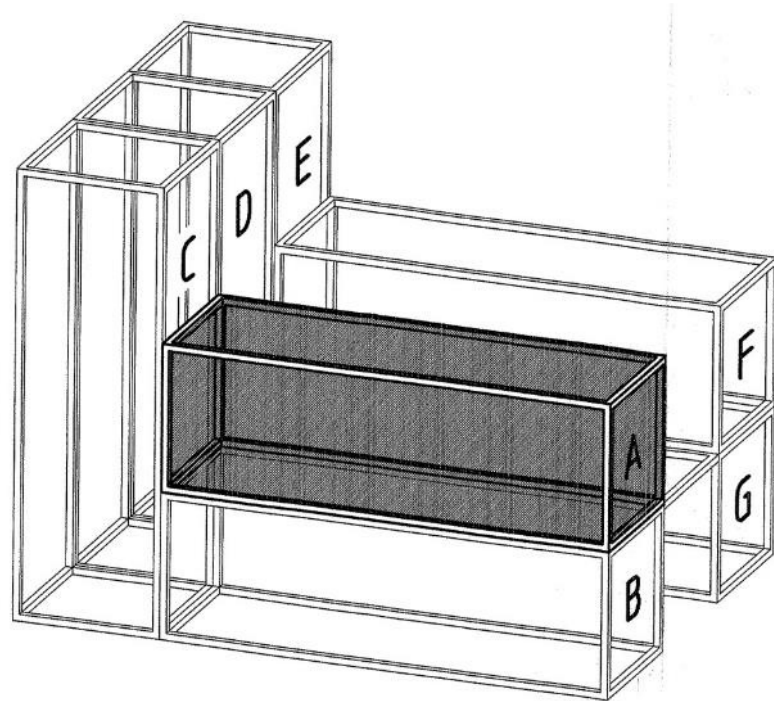
Soils washing plant - flow



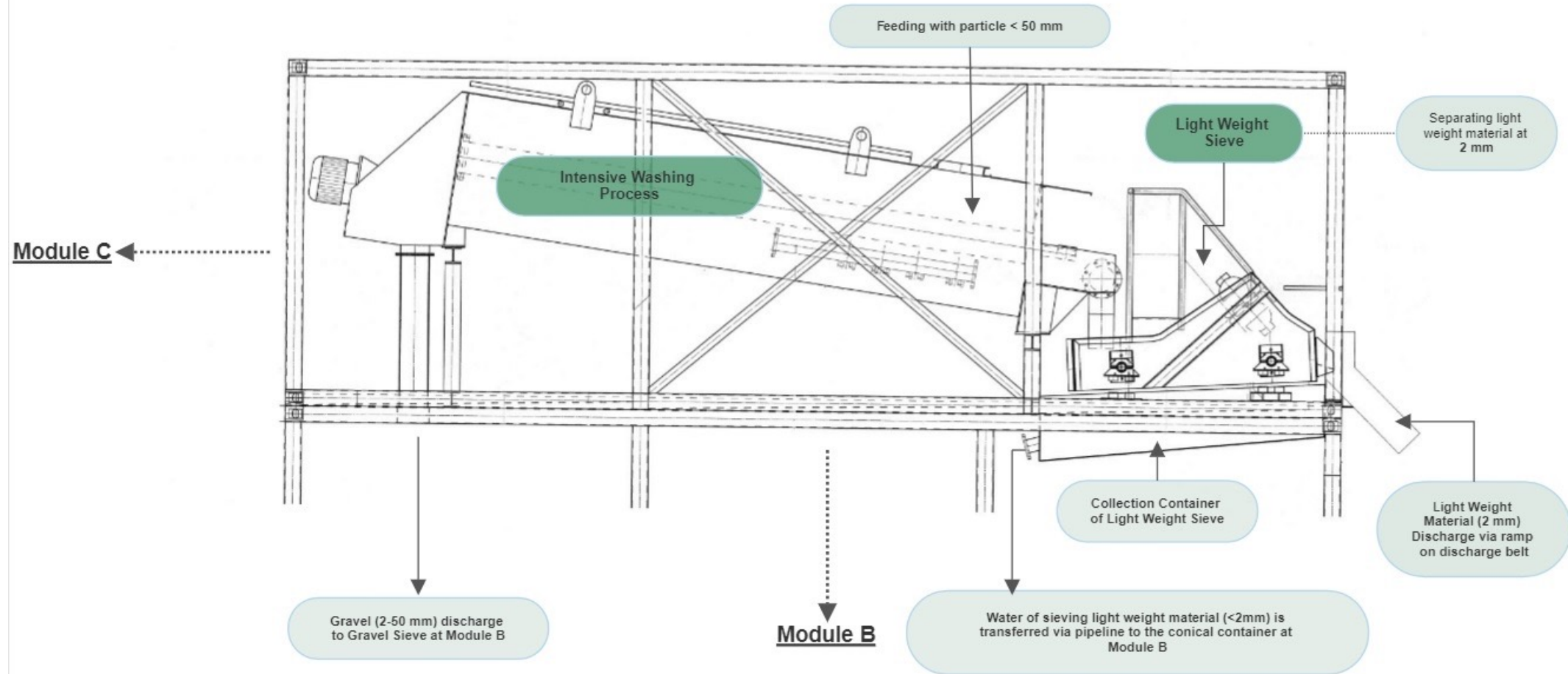
Soil Washing Plant Module



Module A: Particle Breakdown



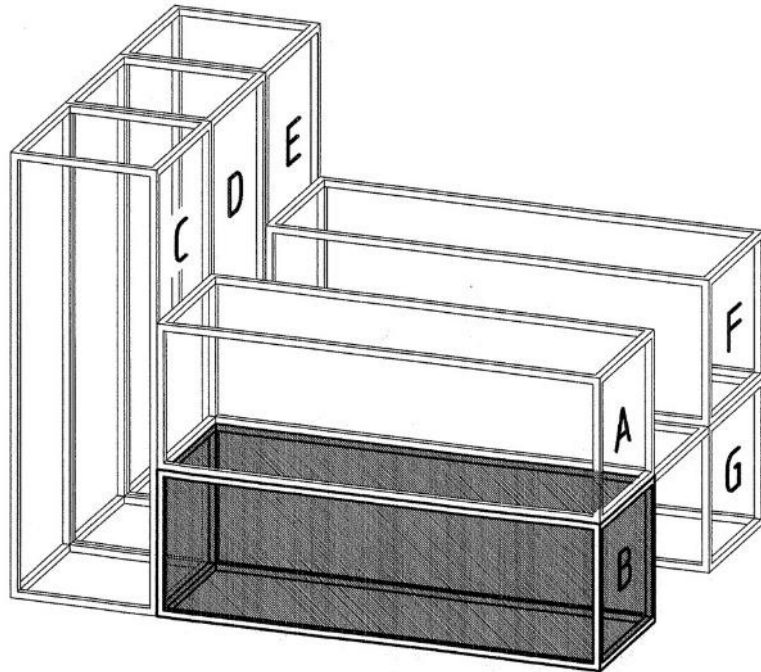
Module A: Particle Breakdown



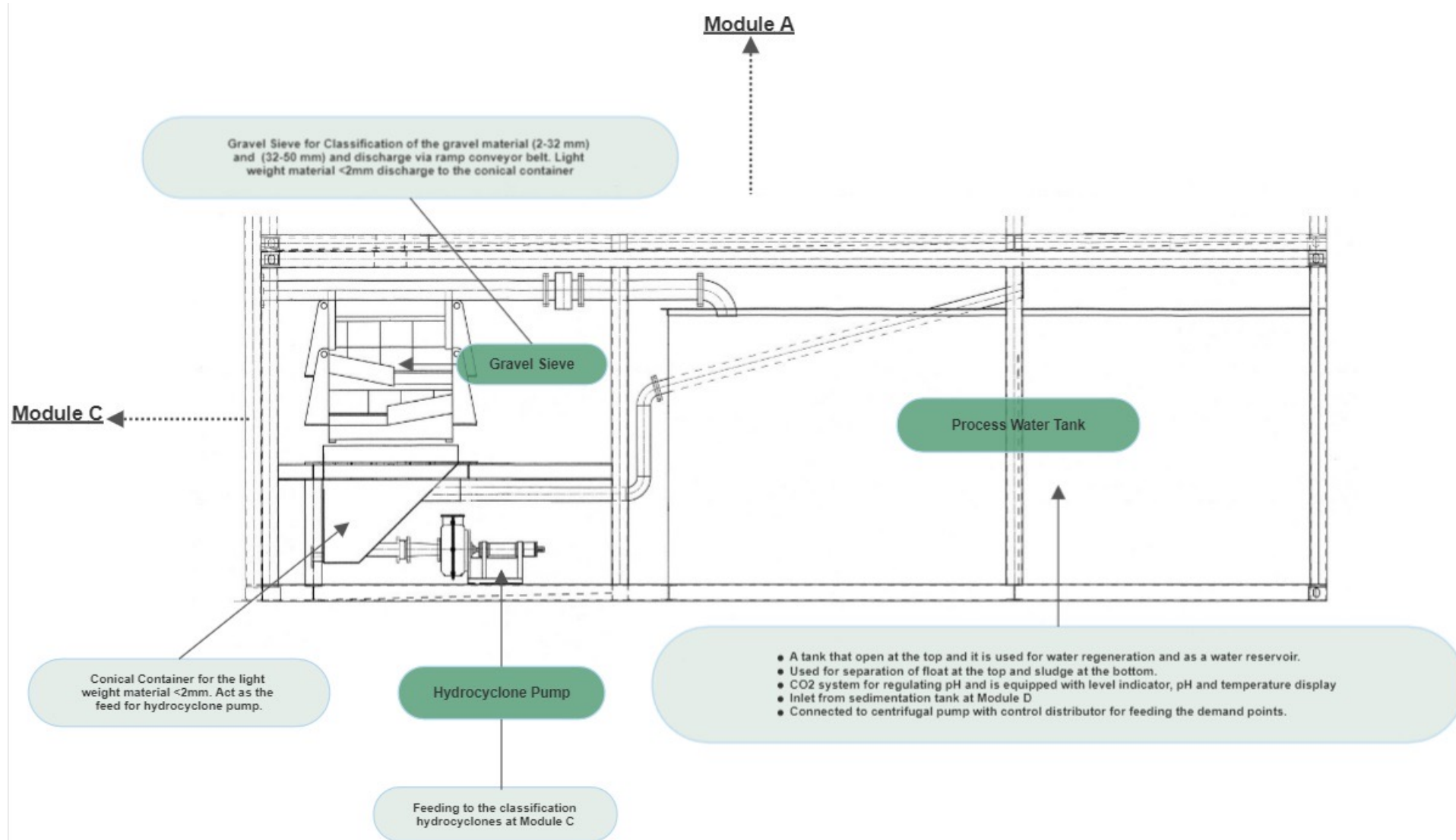
Module A: Particle Breakdown



Module B: Process Water and Gravel Sieve



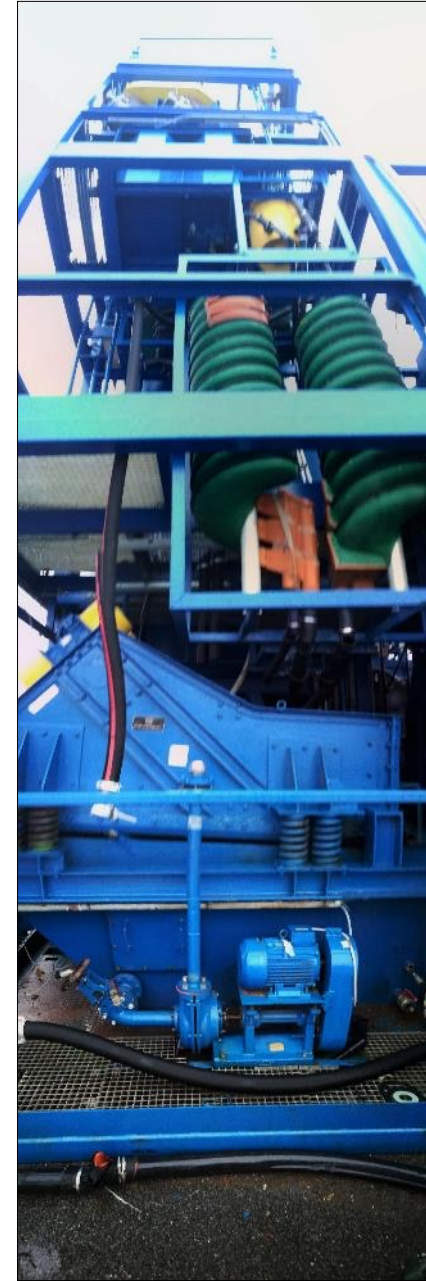
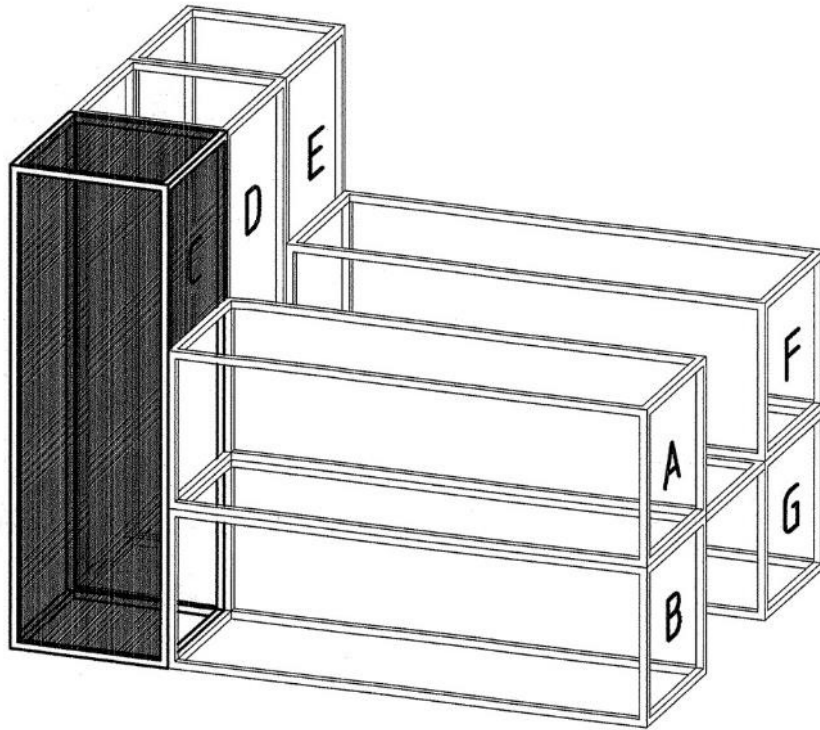
Module B: Process Water and Gravel Sieve



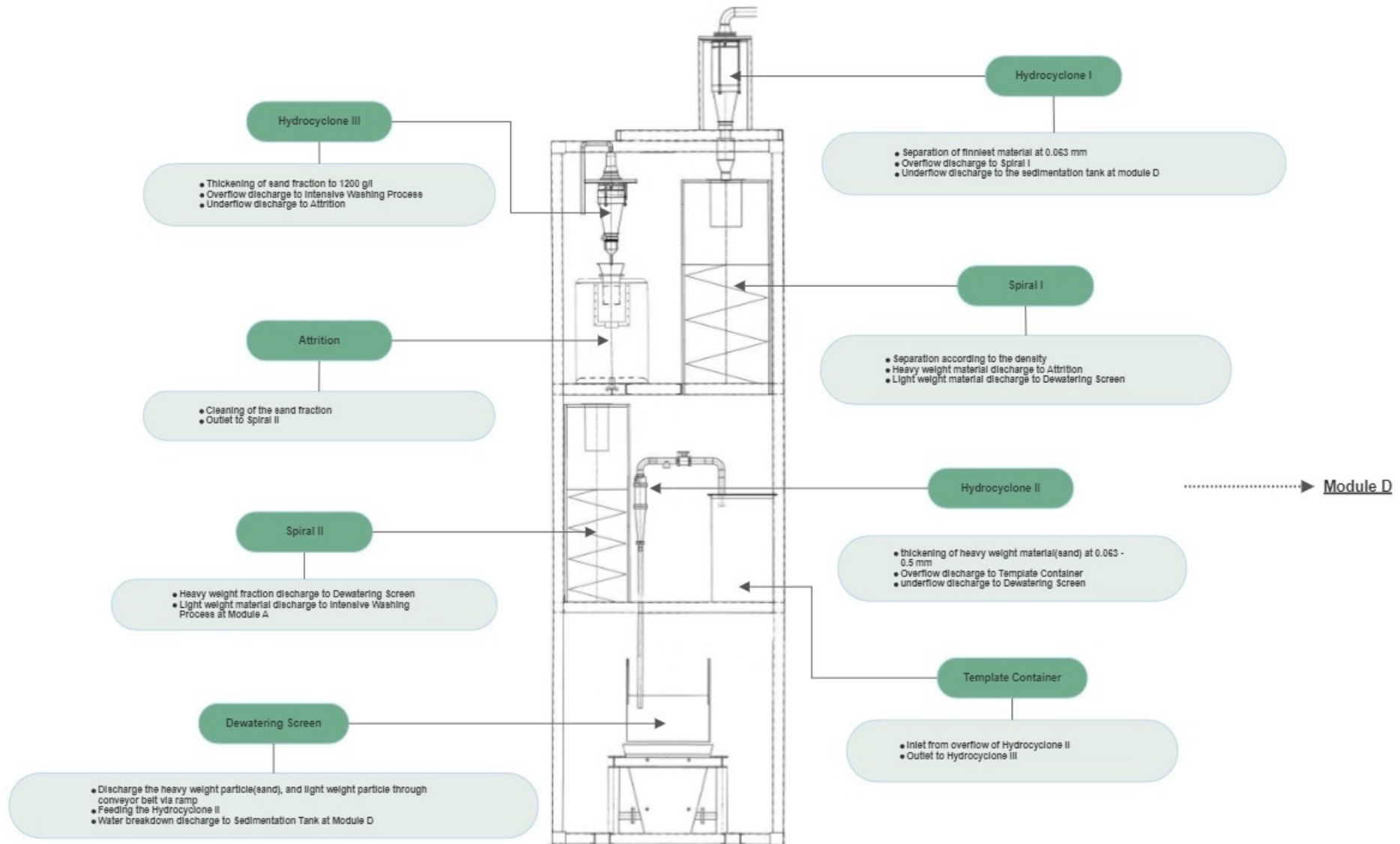
Module B: Process Water and Gravel Sieve



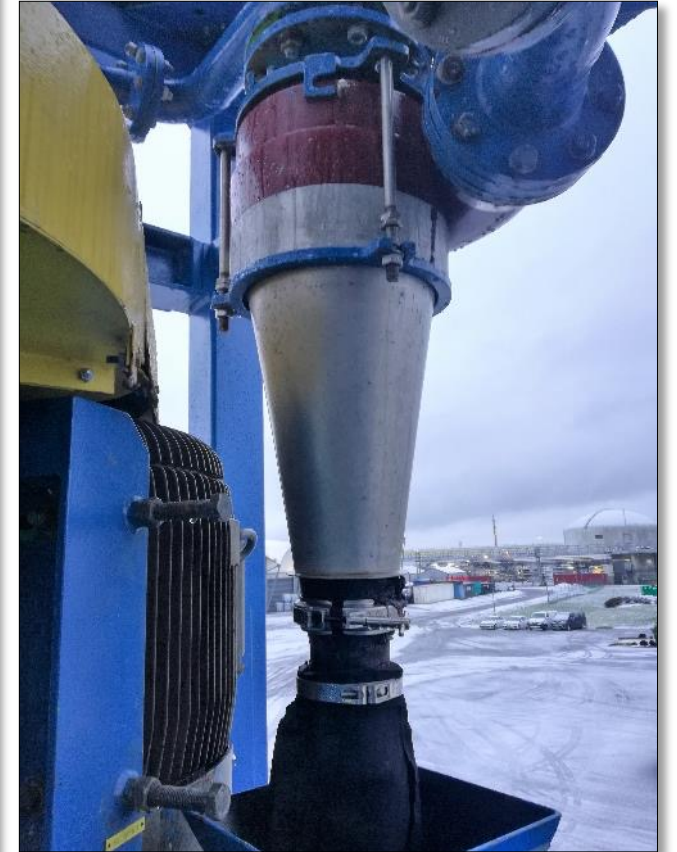
Module C: Particle Sizing



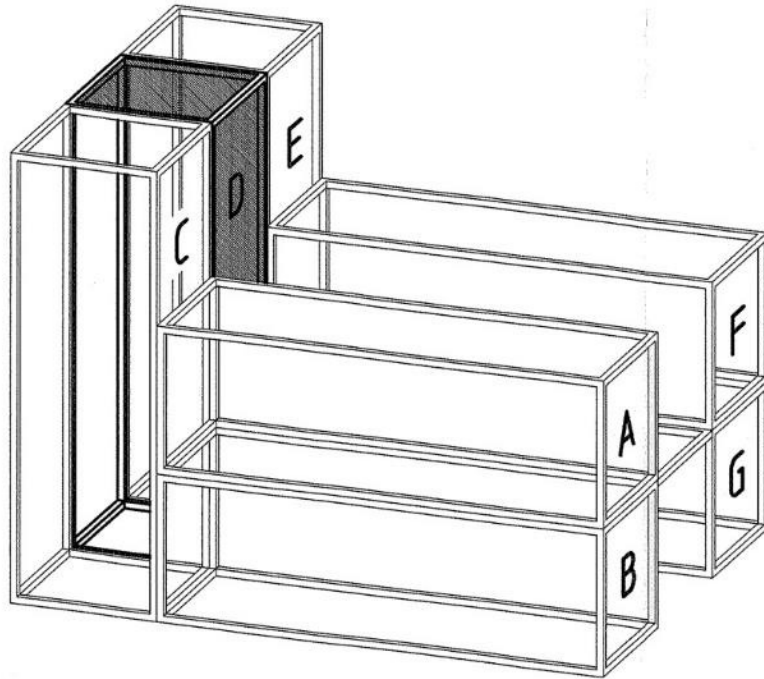
Module C: Particle Sizing



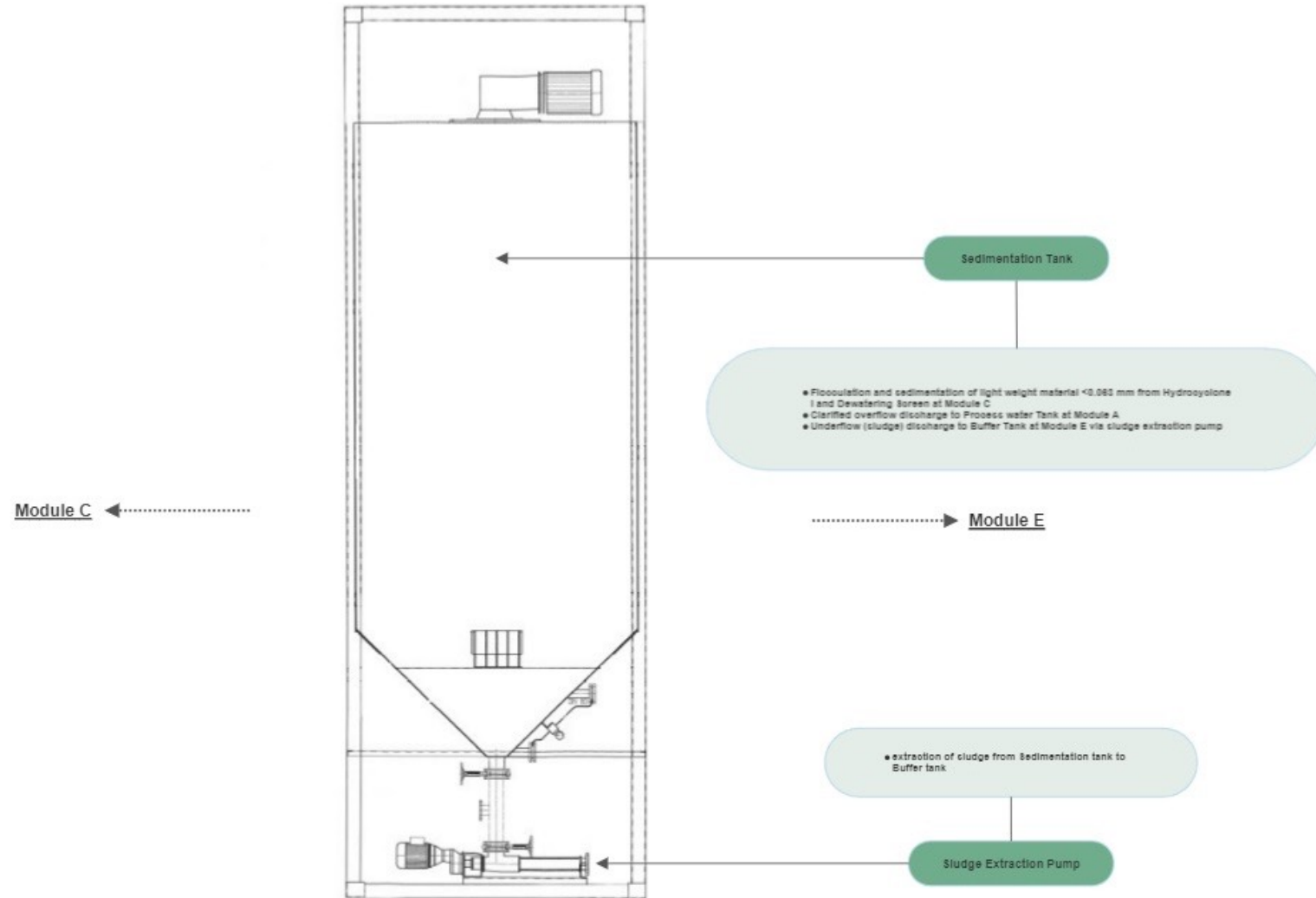
Module C: Particle Sizing



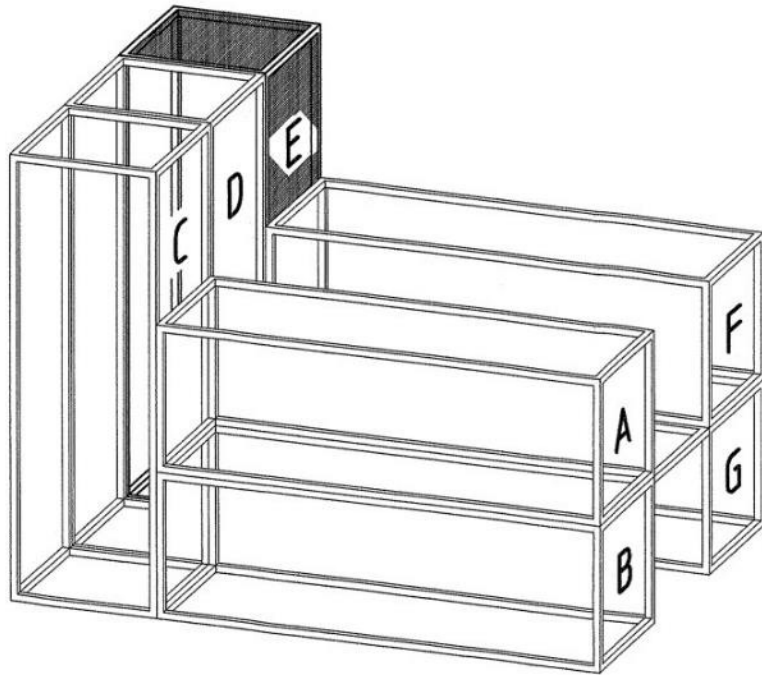
Module D: Water Treatment



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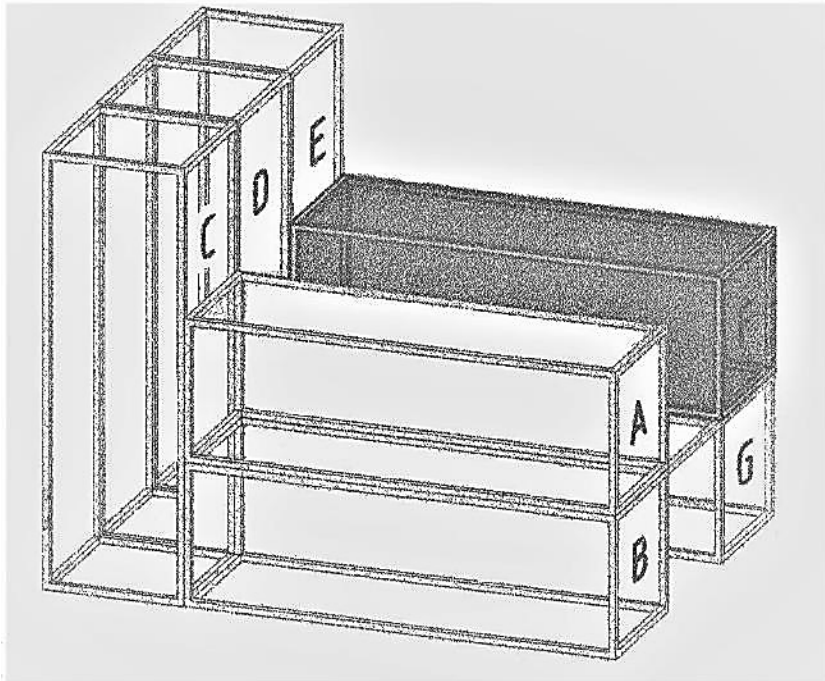
Module E: Buffer Tank



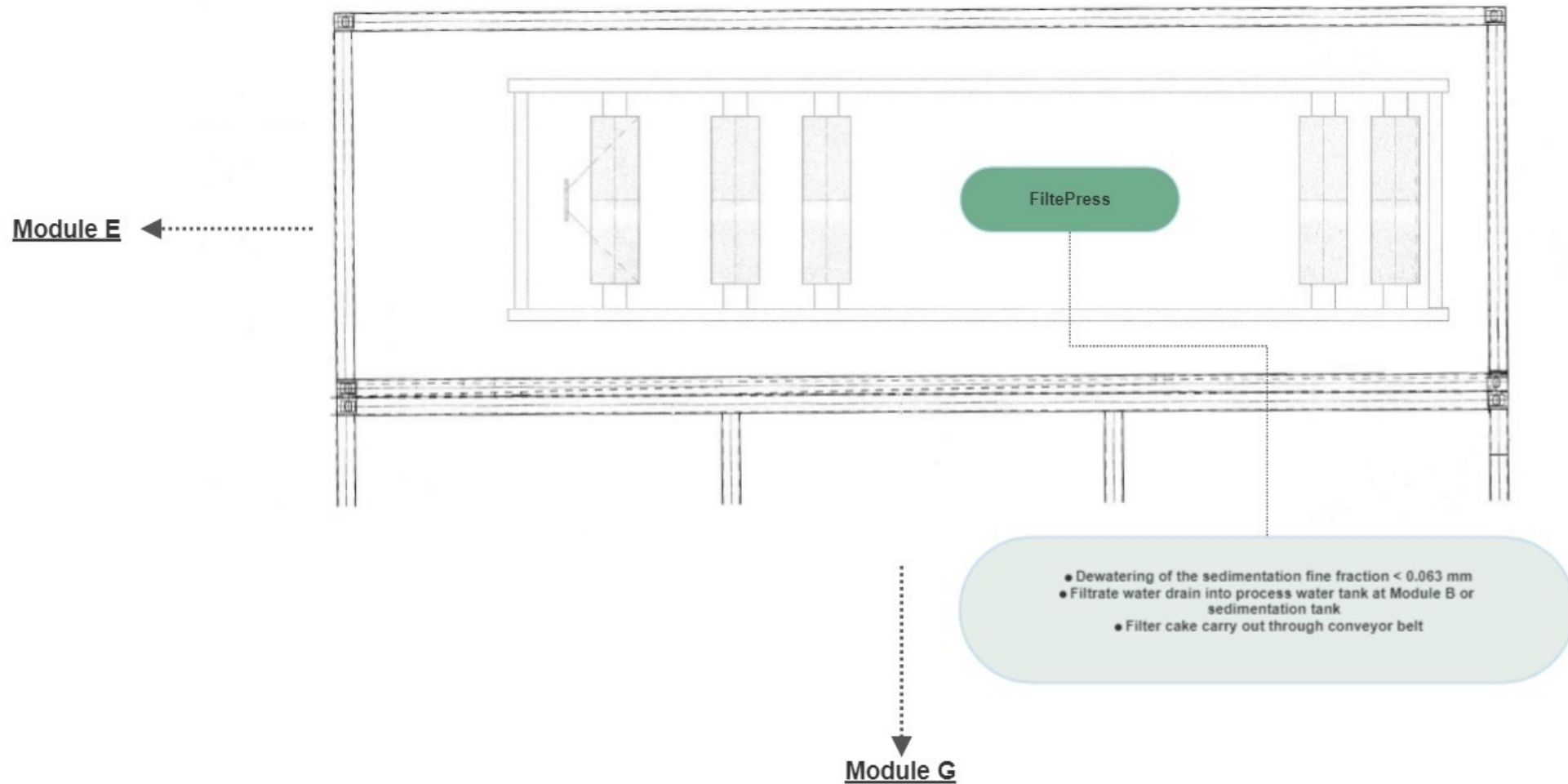
Module E: Buffer Tank



Module F: Belt Filter



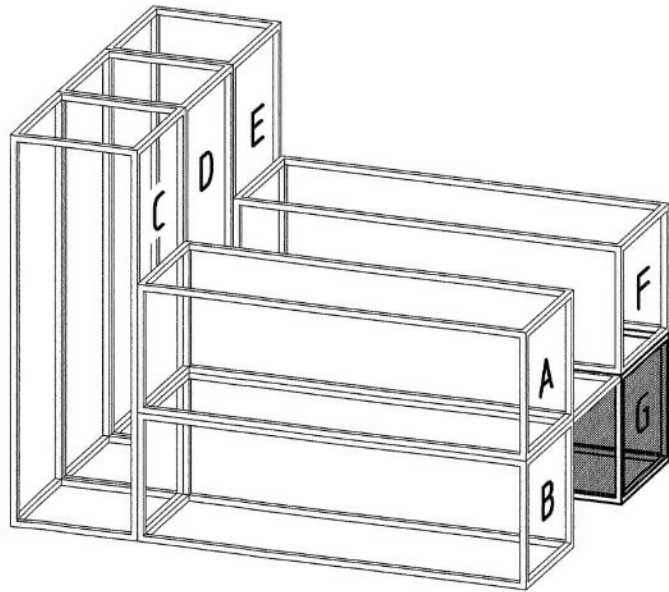
Module F: Belt Filter



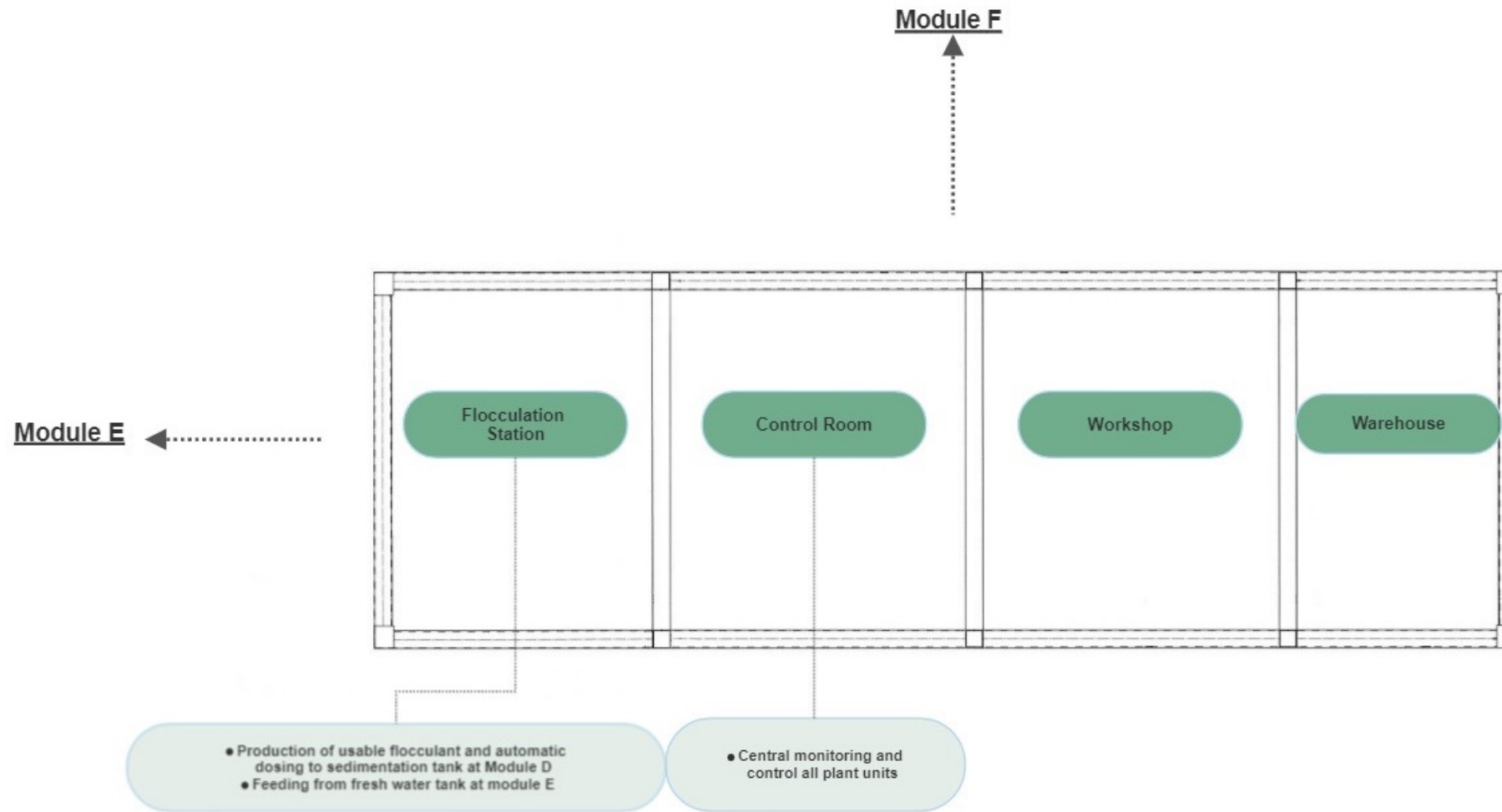
Module F: Belt Filter



Module G: Flocculation Station, Control Room and Storage



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Takk!



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