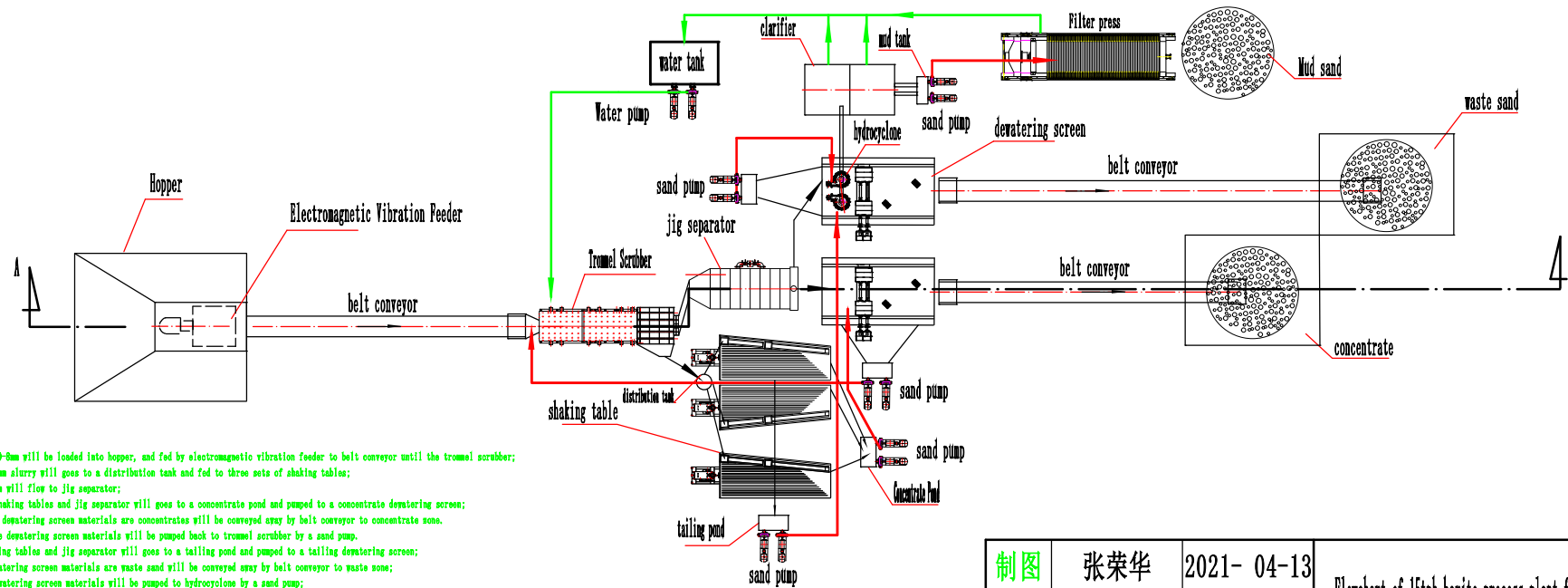
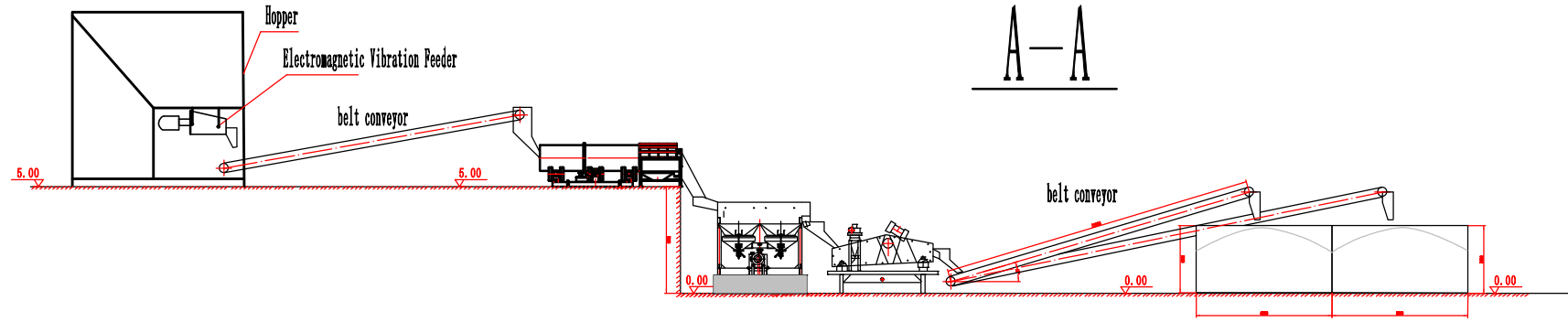


Flowchart of 15tph barite process plant for Moroccan client



- Remark:**
1. Barite raw material 0-8mm will be loaded into hopper, and fed by electromagnetic vibration feeder to belt conveyor until the trommel scrubber;
 2. The under screen 0-2mm slurry will go to a distribution tank and fed to three sets of shaking tables;
 3. The over screen 2-8mm will flow to jig separator;
 4. The concentrate of shaking tables and jig separator will go to a concentrate pond and pumped to a concentrate dewatering screen;
 5. The over concentrate dewatering screen materials are concentrates will be conveyed away by belt conveyor to concentrate sone.
 6. The under concentrate dewatering screen materials will be pumped back to trommel scrubber by a sand pump.
 7. The tailings of shaking tables and jig separator will go to a tailing pond and pumped to a tailing dewatering screen;
 8. The over tailing dewatering screen materials are waste sand will be conveyed away by belt conveyor to waste sone;
 9. The under tailing dewatering screen materials will be pumped to hydrocyclone by a sand pump;
 10. The underflow of hydrocyclone will flow to tailing dewatering screen;
 11. The overflow of hydrocyclone will flow to clarifiers;
 12. The mud outlet of clarifiers will go to a mud tank;
 13. The mud in the mud tank will be pumped to filter press by a filter press feed pump;
 14. The clean water from filter press and clean water from clarifier will be joined together and goes to water tanks.
 15. The water in the water tanks will be pumped back to trommel scrubber by a water pump.

制图	张荣华	2021- 04-13	Flowchart of 15tph barite process plant for Moroccan client
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