ZENITH STONE CRUSHER IN ANGOLA

PROJECT CASE

A Crushing Plant invested by Chinese Government intends to crush Granite Stones for road construction. The detailed requirements are as following:
Raw material: Granite
Feeding Size: <800mm
Output size: 0-5mm, 5-20mm, 20-40mm

PRODUCTION PROCESS

The raw materials are unloaded by trucks into the primary hopper. By vibrating, the raw materials are regularly fed into Primary Jaw Crusher which could reduce 800mm stones into approx.150mm. The half-finished products from Jaw Crusher will be conveyed by Belt Conveyor #1 and piled up into the storage hopper. Another Vibrating Feeder under the pile also feeds stones regularly into Belt Conveyor #2. By conveying, the stones are now fed into Cone Crusher S51". After crushing by S51", through Belt Conveyor #3 & #5, the materials are conveyed into Vibrating Screens to be separated as 0-5mm, 5-20mm, 20-40mm and +40mm. The substandard Stones which are bigger than 40mm return into Cone Crusher S36" by Belt Conveyor #4 for further crushing, and the rests are piled by Belt Conveyor #6. Scraps from grate of the primary vibrating feeder are conveyed by Belt Conveyor #7 as another pile.

FEED BACK FROM THE USER:

Lower energy consumption, Longer service life, Lower cost of spare parts, Higher performance cost ratio, Perfect products.

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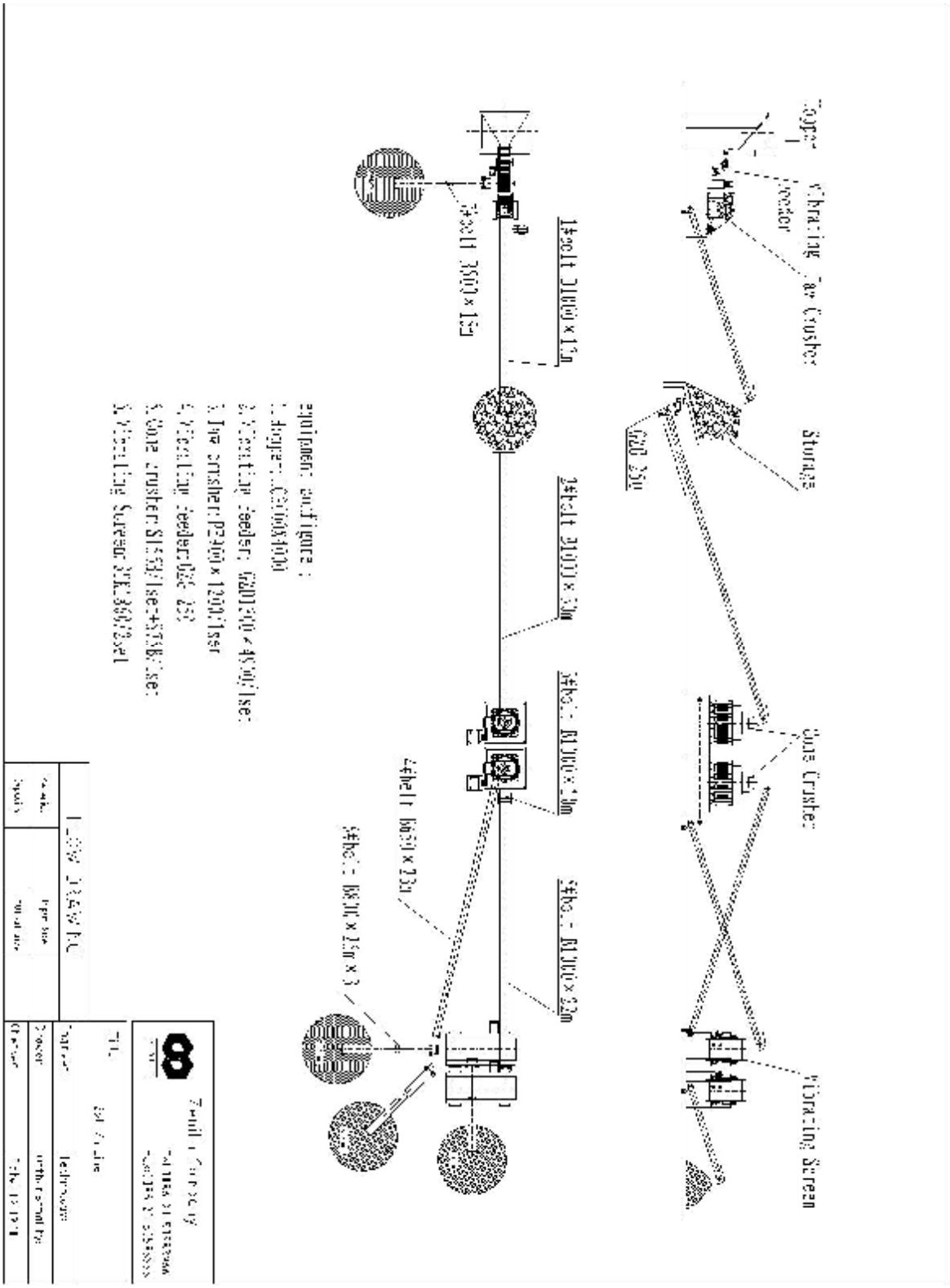
LAYOUT DRAWING OF THE PLANT



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