

ambition

Orange Handling, Washing & Grading *Project Tech*

Project Overview:

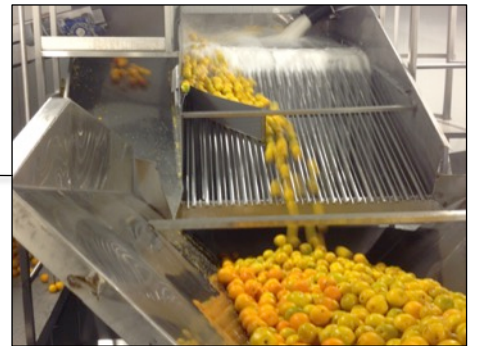
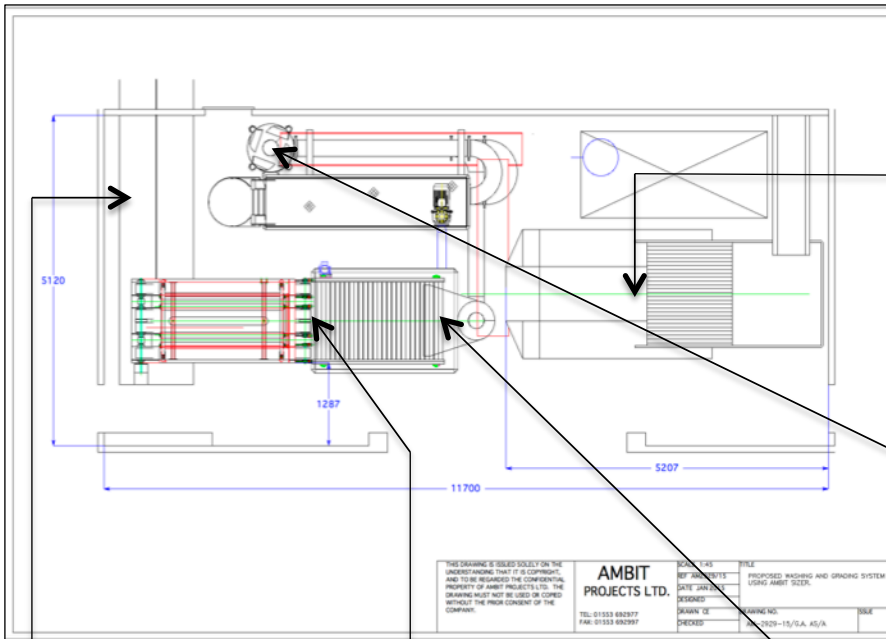
- Product pumping system pumps oranges from storage area to plant room, oranges are dewatered into bulker unit
- Bulker unit and conveyor system handle oranges into a pipe washer where oranges are washed and sterilized.
- Oranges are dewatered on to a roller conveyor and then into a size grader, separating the oranges into two sizes.
- Oranges are elevated up to high level in their separate grades, where they are lined into 6 juicer units.

Product: Oranges

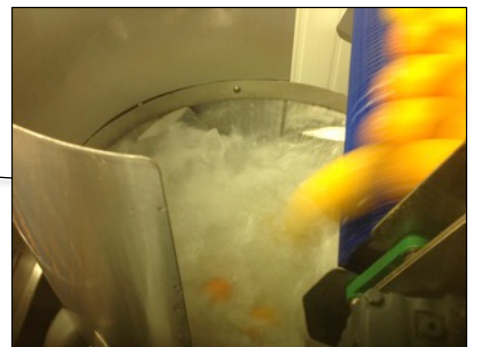
Line Capacity: 20 ton/hr

Wash Time: 45s

Grading: Large, Small



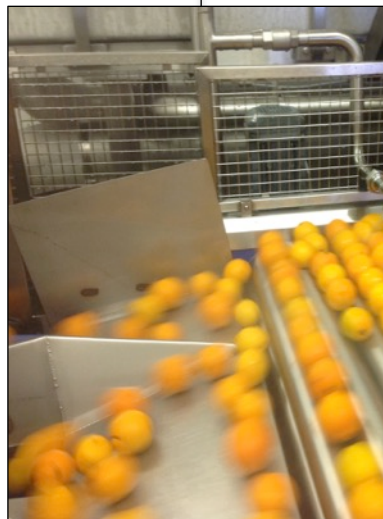
Dewatering discharge from product pump into bulker



Infeed into pipe washer – product sterilized for a guaranteed 45s



Elevator transfers product to high level juicer units



Feed into size grader, separating product into 2 size classes



Discharge from pipe washer on to roller spreader conveyor.