

Seed Plant Design

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Seed Science Center

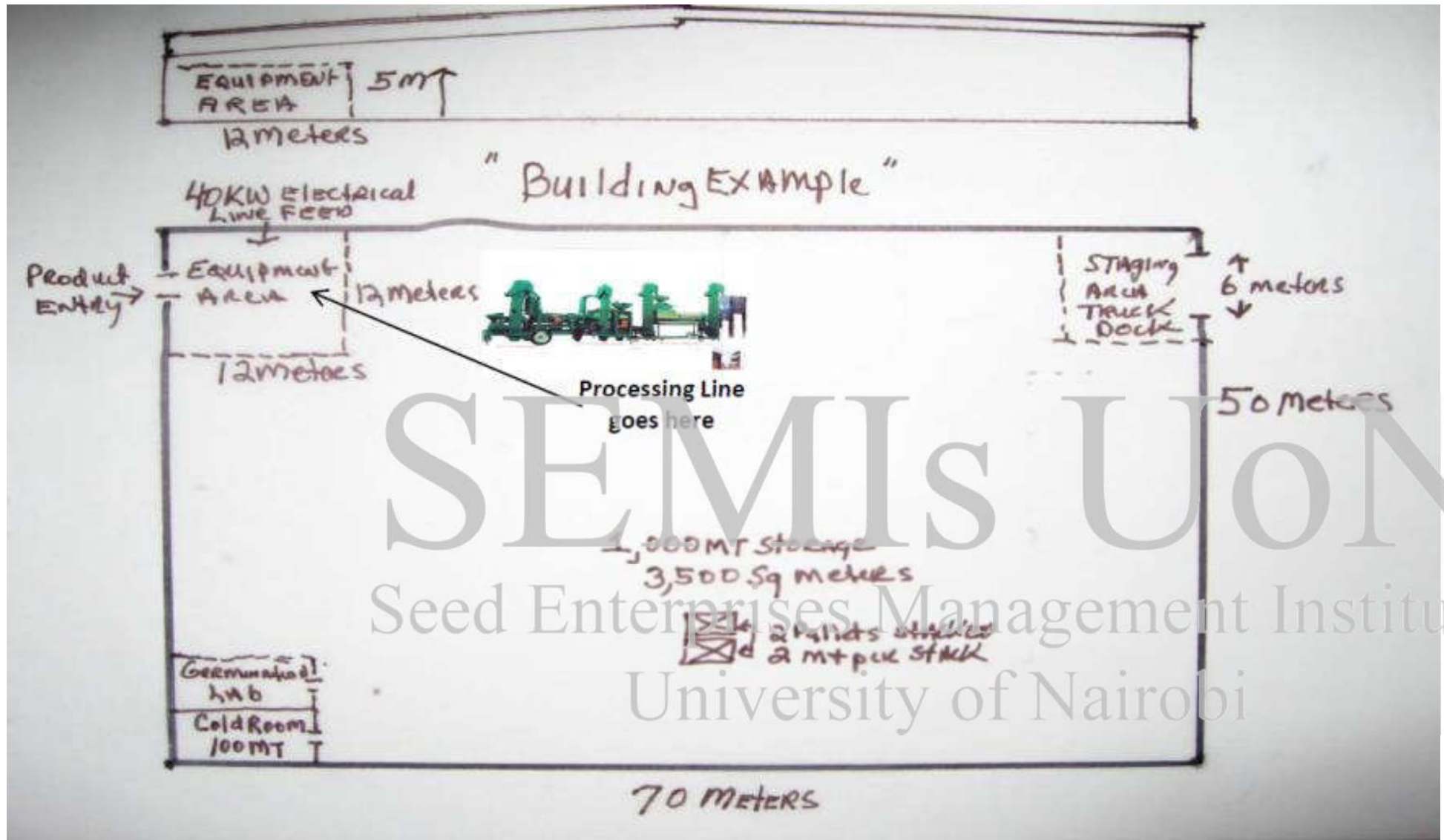
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Seed Plant Design – List of Equip.

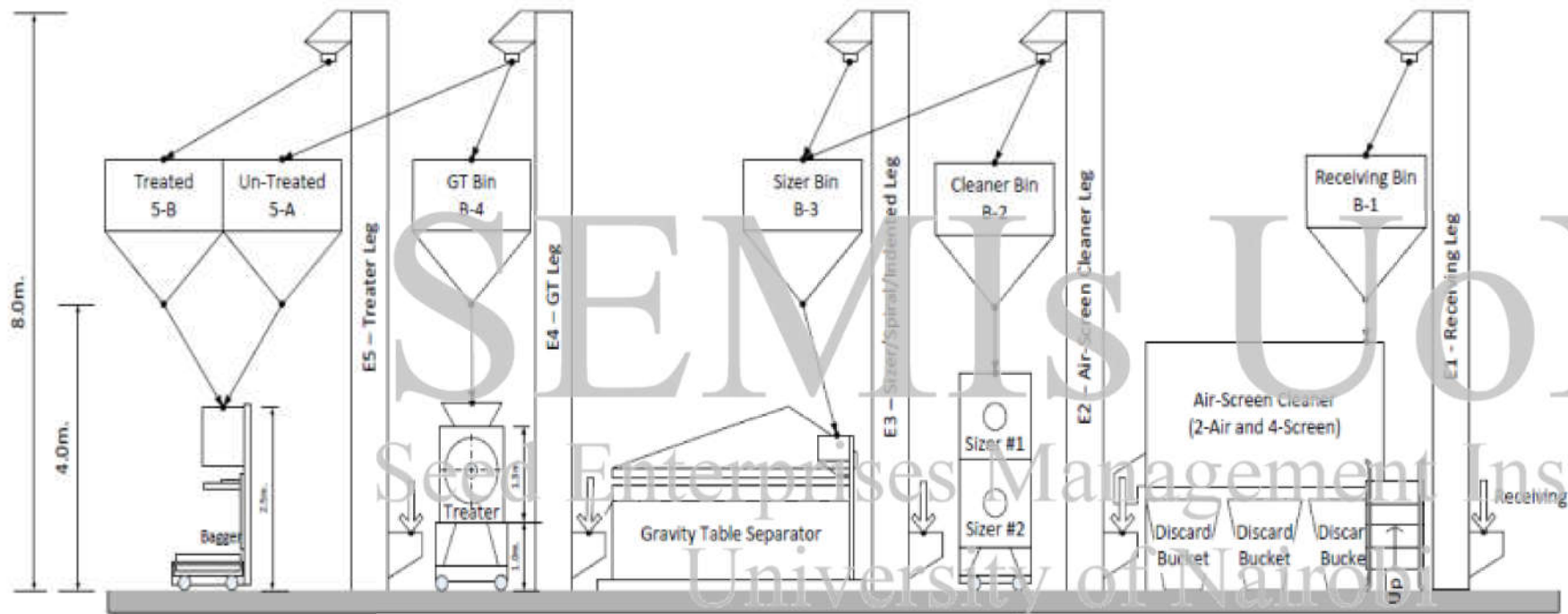
Crop Description	Seed Processing Operation													
	Drying	Shelling or Threshing	Pre-clean (air)	Pre-clean (scalp)	Debeard or Brush	Air Screen Cleaner	Spiral or Belt	Indent or Disc (I)	Sizing (w/t)	Polisher	Destoner	Gravity Separator	Color Sorter	Seed Treater
Corn (Maize)	Red	Red	Red	Green		Red		Red	Red			Red	Green	Red
Beans		Red	Red	Green		Red			Green	Grey	Red	Red	Green	Red
Groundnut		Red	Red	Green		Red			Green		Red	Red	Green	Red
Cow Peas		Red	Red	Green		Red	Red			Grey	Red	Red	Green	Red
Millet		Red	Red		Green	Red	Green				Red	Red	Green	Red
Grain Sorghum		Red	Red		Red	Red	Green	Green			Red	Red	Green	Red
Wheat		Red	Red		Red	Red	Green	Green			Red	Red	Green	Red
Sunflower		Red	Red		Red	Red	Green	Green			Red	Red	Green	Red
Spider Plant		Red	Red		Red	Red	Green	Green			Red	Red	Green	Red
Solanum (African nightshade)		Red	Red		Red	Red	Green	Green			Red	Red	Green	Red
Crotalaria		Red	Red		Red	Red	Green	Green			Red	Red	Green	Red
amaranthus		Red	Red		Red	Red	Green	Green			Red	Red	Green	Red
Urgent Need:		Red												
Optional / Future:		Green												
Food Grade Only:		Grey												

Seed Plant Design – Freehand drawing

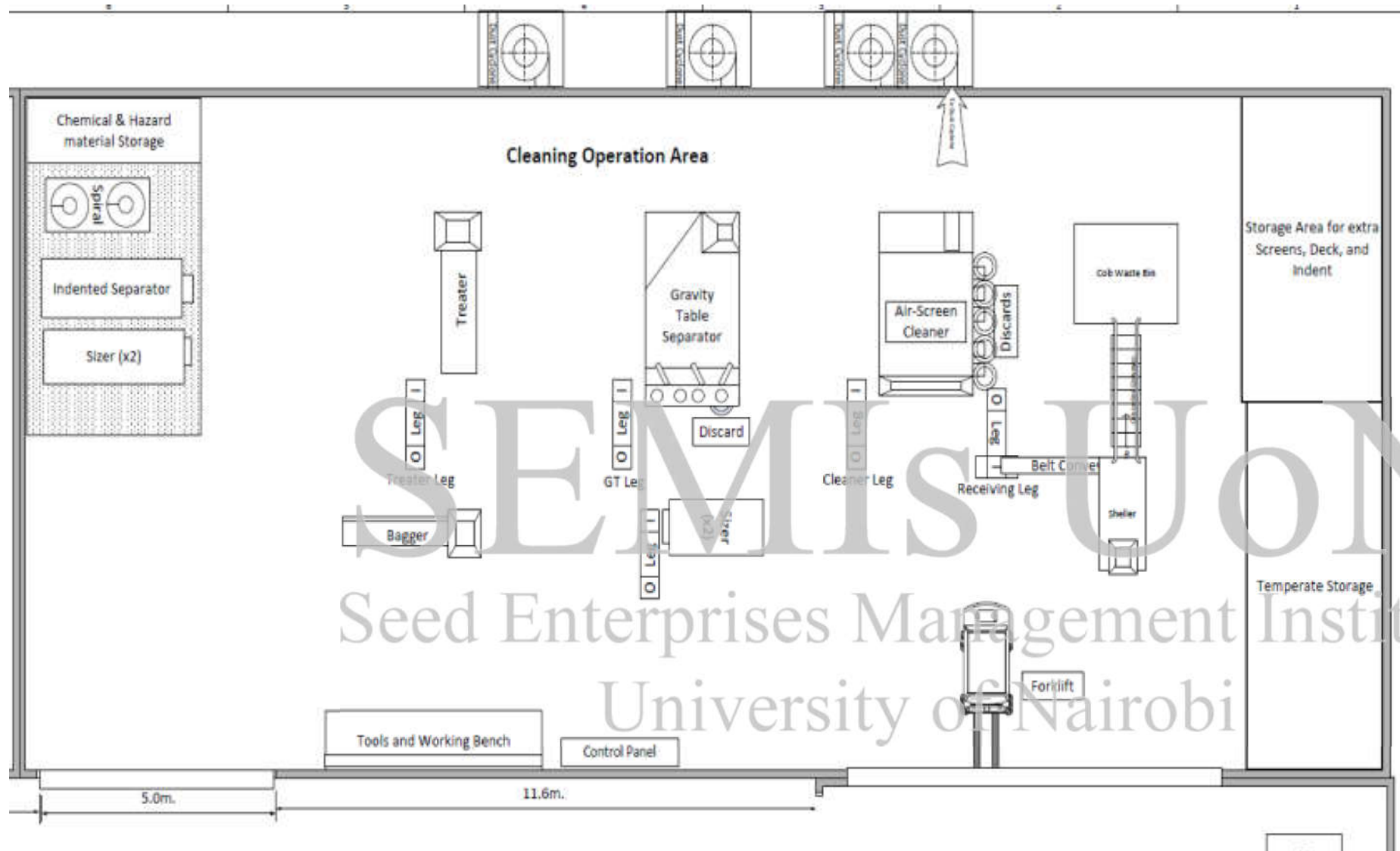


Seed Plant Design - Flow Diagram

Flow Diagram for Seed Cleaning Operation



Seed Plant Design – Equipment Layout



(c) Seed Science Center, ISU/Dr. Shyy



Questions?

SEMIS UON

Seed Enterprises Management Institute

University of Nairobi



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