



The Perfect Organics Storm

Northern California Recycling Association
March 20, 2018

Organics Diversion Mandates

- **AB 1826 - Mandatory Commercial Organics Recycling (2014)** Commercial Entities Required to Divert Organic Waste
- **SB 1383 - Short-Lived Climate Pollutants & Methane Emissions Reduction Act (2016)** Increase edible food recovery 20% by 2025
Reduce landfilled organic waste (below 2014 levels):
50% by 2020; and 75% by 2025



Expanded Organics Collection

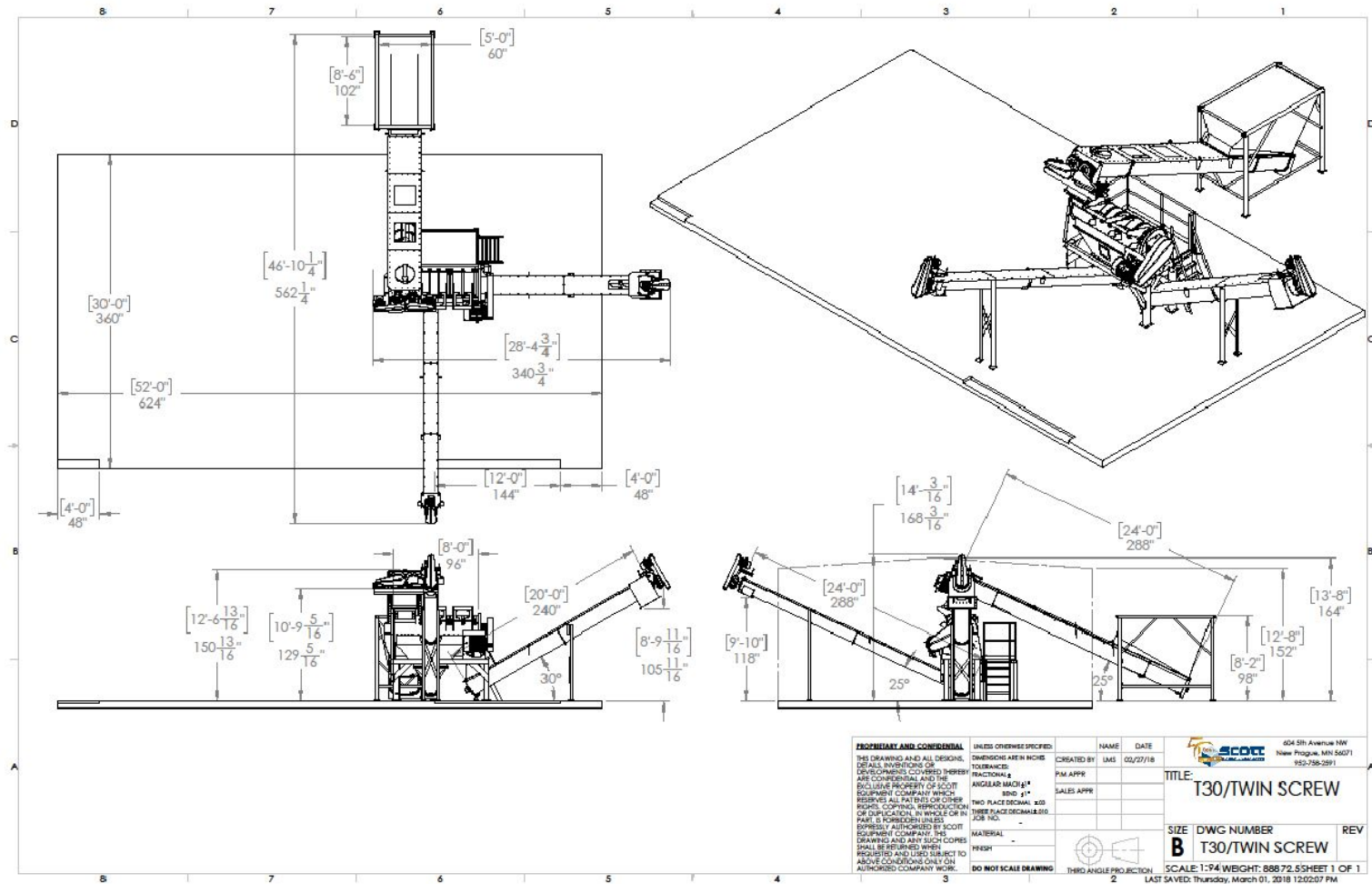
- **Source-Separated Green Waste & Wood Waste**
 - ✓ Status quo, chip & grind for Mulch production
- **Source-Separated Ag Waste Collection**
 - ✓ Industrial collection of packaged ag produce
- **Mixed Organics Recycling**
 - ✓ Utilizes existing residential and commercial yard waste carts/dumpsters for food scrap collection
- **Clean Fiber/Organics Recovery System**

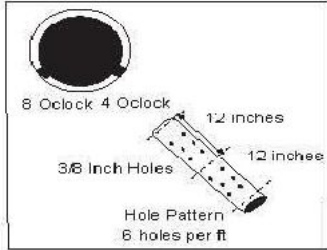


Expanded Organics Processing

- **Chip & Grind:** Source-separated landscape green waste & clean wood waste, addition of 1-2 satellite C&G facilities
- **De-packaging System:** Source-separated Ag waste collection, recovery & processing
- **Compost: EASP** Mixed organics (commingled residential & commercial yardwaste, food scraps, and de-packaged Ag waste)



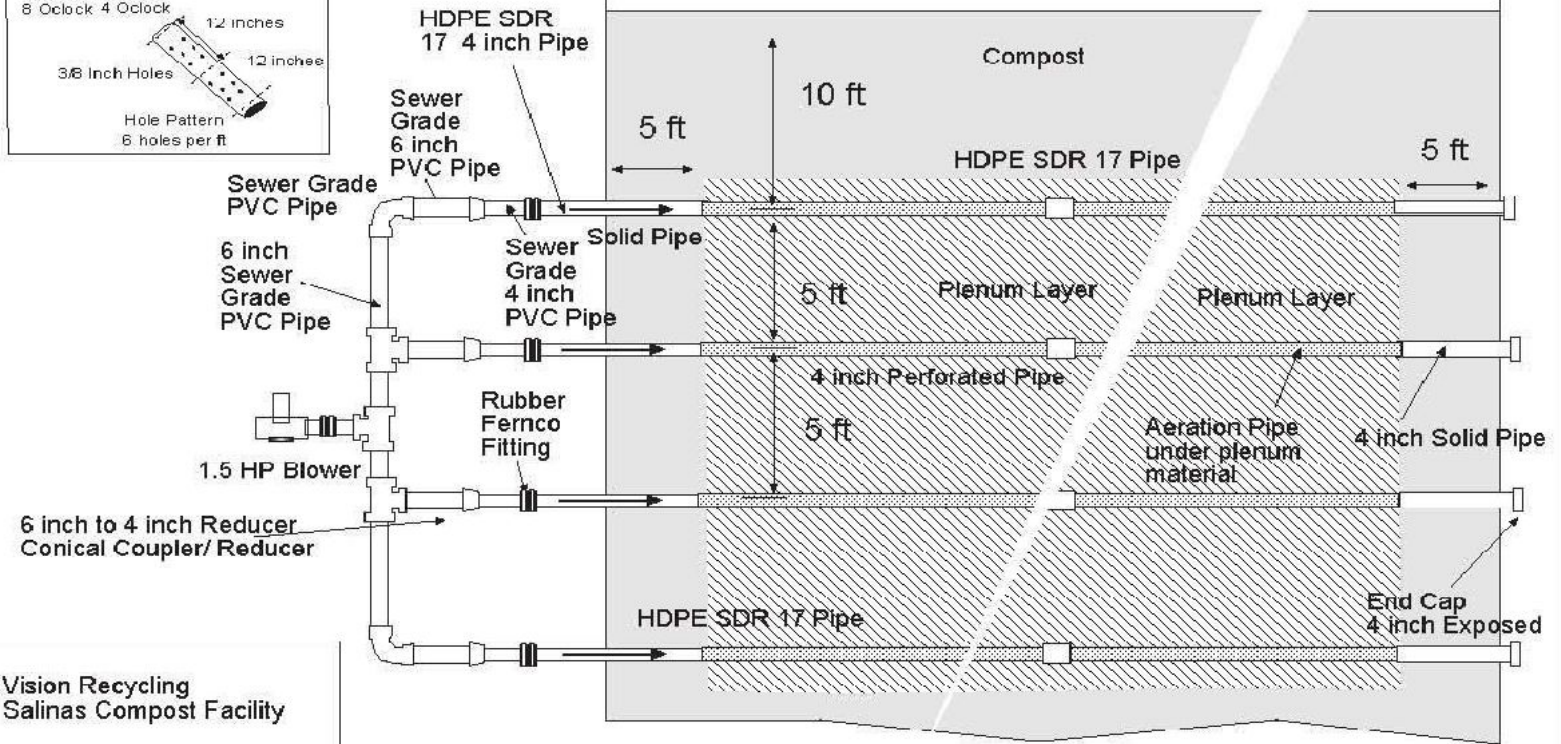




Preliminary Concept

90 ft

Not to Scale



Vision Recycling
Salinas Compost Facility

O₂Compost
Compost Systems & Training

Reviewed: Peter Moon P.E.
VisionEASPApril25_13

Date: 4/26/13
Harold Ruppert

Extended Aerated Static Pile
Pipe Detail

Drawing No: 4/4



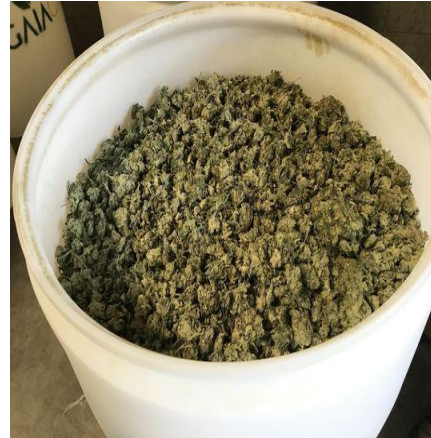
Additional Waste Streams

➤ Cannabis Waste

10-20,000 tons per year?

10,000,000+ sf of grow
space approved

Multiple waste streams



➤ Cull Waste from Ag Industry

Potentially 100,000 -150,000+ tons per year



Other Considerations

- **Additional Outreach & Education**
(labels, brochures, new waste stream generators, Ag campaigns, etc.)
- **Additional Program and Infrastructure Collection needs**
(franchised haulers, specialty haulers, specialized cannabis waste processing requirements, etc.)



COMMENTS or QUESTIONS?

