The objective

Achieve sustainability by reducing labor and resources for waste collection, and disposal while increasing recycling and decreasing our carbon footprint as we develop awareness throughout our island community.
UH RECYCLES

THE GOALS

• Reduce waste collection costs by 50%
• Reduce waste disposal by 30%
• Reduce carbon emissions by 52%
• Increase recycling 50%
• Develop University awareness and behavioral attitude
• Increase revenue from recycling commodities
UH RECYCLES

THE ACTION ITEMS

• Bring all waste collection under one department head
• Reduce labor and automate where possible
• Replace existing rear load system with centralized compaction system
• Expand recycling to service all buildings
• Develop a single stream recycling disposal system
Proposed site
Solid Waste Handling Solutions: Equipment

Uniform waste collection equipment for maximum handling efficiency and cost effectiveness

Cardboard
Trash
Toter pickup
Trash room carts
Mini Transfer Station

NOTES:
1. (2) COMPACTOR MODELS: SSC9860-2-6
2. (1) COMPACTOR SET UP (SN07129829): WM GREEN
3. (1) COMPACTOR SET UP (SN07129830): CONTAINER BLUE
4. 480 VOLTAGE 3 PHASE
5. (2) 30 HP POWER UNITS WITH COVERS
6. PRESSURE GUAGE ON POWER UNIT
7. (2) DUMPER MODEL HP-6000
8. (2) #11 GAUGE LEFT HAND HOPPERS
9. (2) CONTAINERS - MODEL C-2242RTXHD SSC 42 YARD WITH SPECIAL UNDERSTRUCTURE INSTRUCTIONS - SEE BID SPECIFICATIONS - STANDARD CABLE AND AMPLIROLL
10. (2) CONTAINER GUIDE ISLANDS - 6” TALL
11. PRESSURES SET AT 1500 PSI NEAR FULL, 1750 PSI FULL, 2000 PSI AT BOOST
12. (17) ENTRAINABLE CARS BY SEBRIGHT - (7) PAINTED WM GREEN AND (10) PAINTED CONTAINER BLUE - SEE JOB #5164 FOR CART DETAILS

ELECTRIC GATE OPERATOR TO ACTUATE LID