



# McCourtney Road Transfer Station Improvement Project

Board of Supervisors Meeting  
December 14, 2021

# Overview

- Background, Challenges and Purpose of the Project
- Proposed Improvements
- Project Benefits
- Schedule
- Funding
- Questions and Discussion

# Background

- **1994** Transfer station built
- **2012** WM Franchise Agreement
  - WM commits to \$5.6 million to Improvements
  - Remainder County's Share
- **2013** BOS chooses MRTS improvements over relocation
- **2014** AB1826 mandatory organics (commercial)
- **2015-2016** conceptual design report(HDR)
- **2016** SB1383 mandatory organics (residential)
- **2016** Recycling markets crash/China bans
- **2017-2019** amendment to WM Franchise Agreement
  - 2017 Hired R3 Consulting to assist with WM Negotiation
  - MRTS project
  - Legislative updates
- **2019** Awarded Contract to HDR to begin design
- **2020** Design, Environmental Review and Public Outreach
- **2021** BOS Adopts Initial Study/Mitigated Negative Declaration

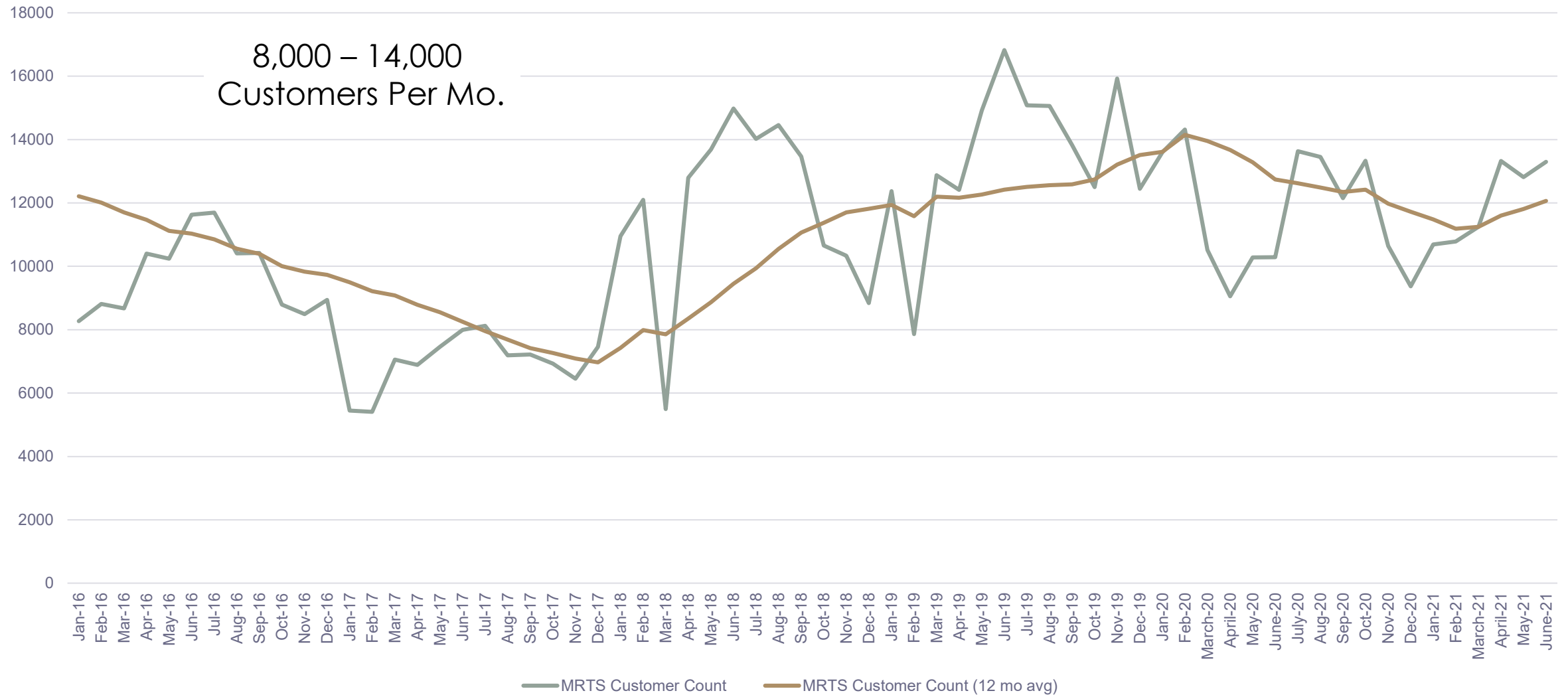
# Background (Cont.)

- Public Outreach
  - Project website ([mccourtneytransferstation.com](http://mccourtneytransferstation.com))
  - County website ([mynevadacounty.com](http://mynevadacounty.com))
  - Nevada County News (Press Releases)
  - Social Media Posts
  - The Union and KNCO
  - Hosted two virtual community workshops
    - September 9 and 29, 2020
    - More than 300 Residents were sent postcards
    - Meetings were recorded and put on website
  - Presented at the Solid and Hazardous Waste Commission October 2020, provided updates April and October 2021
  - Presented IS/MND at the BOS March 2021
  - December BOS Meeting (Today)

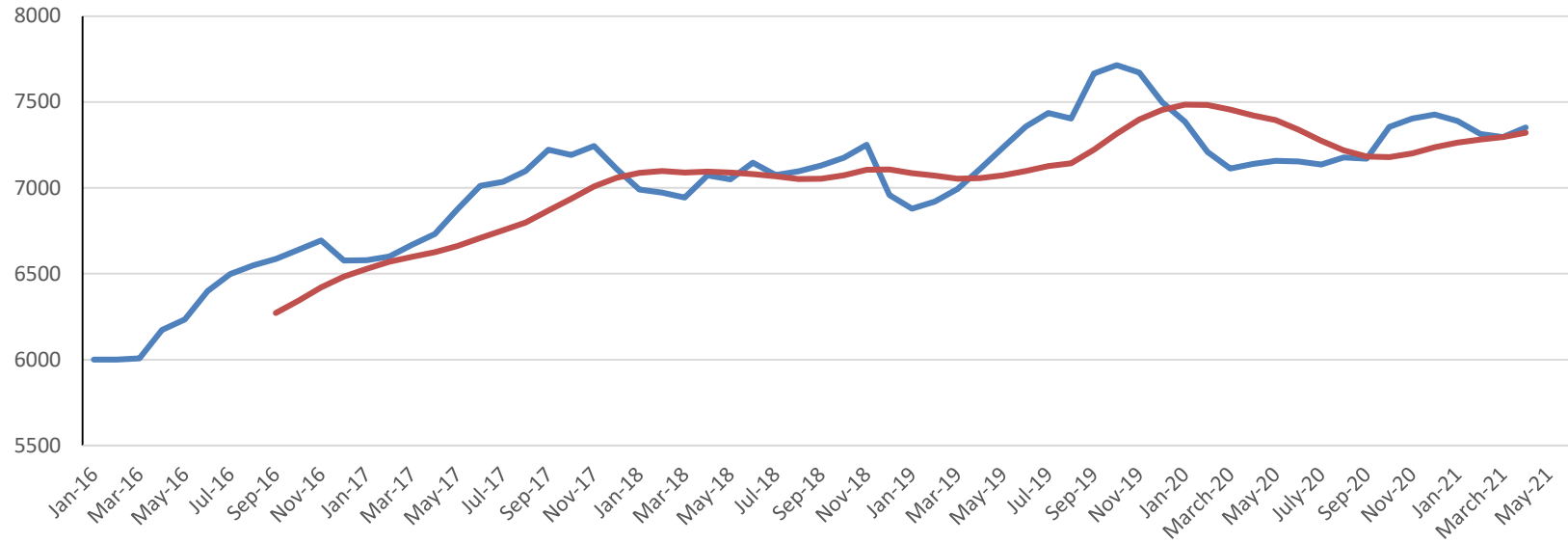
# Background (Cont.)

- Existing Operation (2021 Average)
  - The MRTS is the Hub for Western Nevada Co. (receives all material from NSJ and Washington)
  - **25,000** Curbside Customers
  - **12,000** Customers Use the Facility Per Mo.
    - 1,300 Recycle Center Customers Per Mo.
    - 1,000 HHW Customers Per Mo.
  - **7,430** Tons of Material Per Mo. (23% Increase over 2016)
    - 4,600 Tons of MSW
    - 1,100 Tons of Recycling
    - 30 Tons HHW
    - 1,100 Tons of Green Waste
    - 600 Tons of C&D

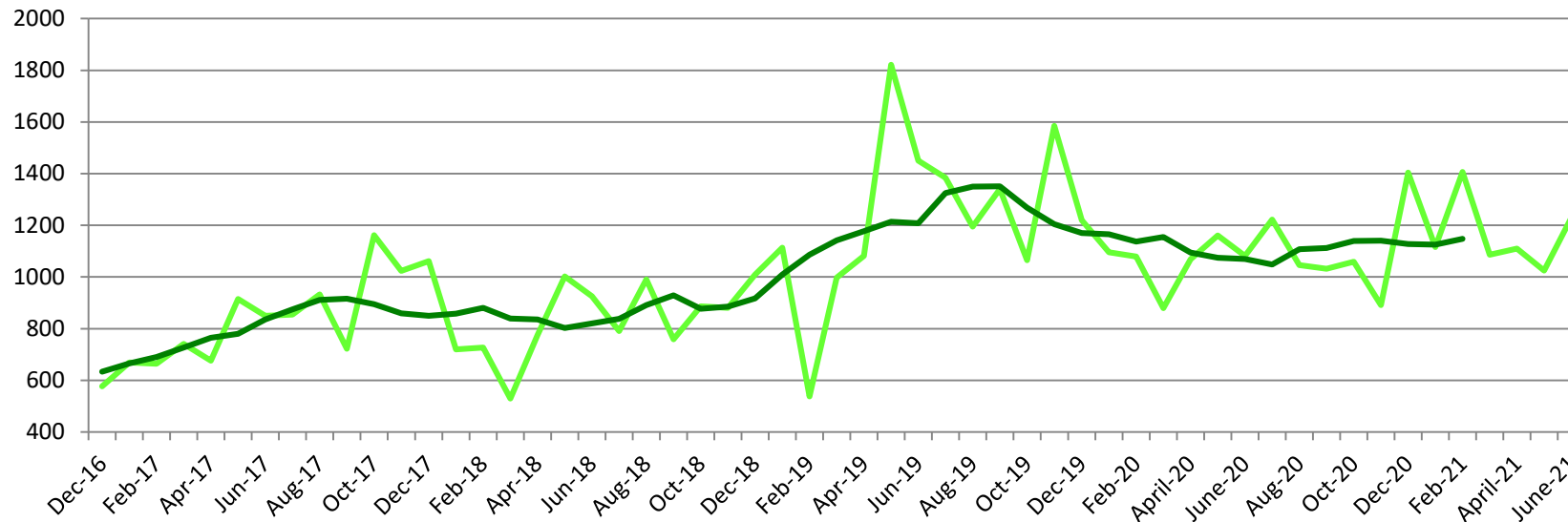
# Customers (Per Month Avg.)



# MRTS Material Volume (Per Month Avg.)



6,000 – 7,400 Tons Average  
23% Increase



600 – 1,200 tons Average  
100% Increase

# Project Challenges

- Limited available footprint for improvements
- Regulatory oversight by CalRecycle and the Regional Water Quality Control Board
  - CEQA, Operations Permit, Building Permits, etc.
- Legislative mandates
  - AB 1826 & SB 1383
  - Diversion goals
- Continued operation during construction
  - Project phasing
- Budget
- Project must meet our known & unknown needs for next 30 years



**Aerial of Existing Conditions**

An aerial photograph of a large facility, possibly a school or industrial site. A large white building with a flat roof is highlighted with a red outline. To the right of this building are two rectangular ponds. Further right is a large parking lot with several vehicles. The surrounding area includes roads, trees, and other smaller buildings. A green banner with white text is at the bottom.

# Aerial of Existing Conditions









**Aerial of Existing Conditions**

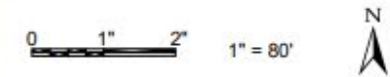


**Aerial of Existing Conditions**

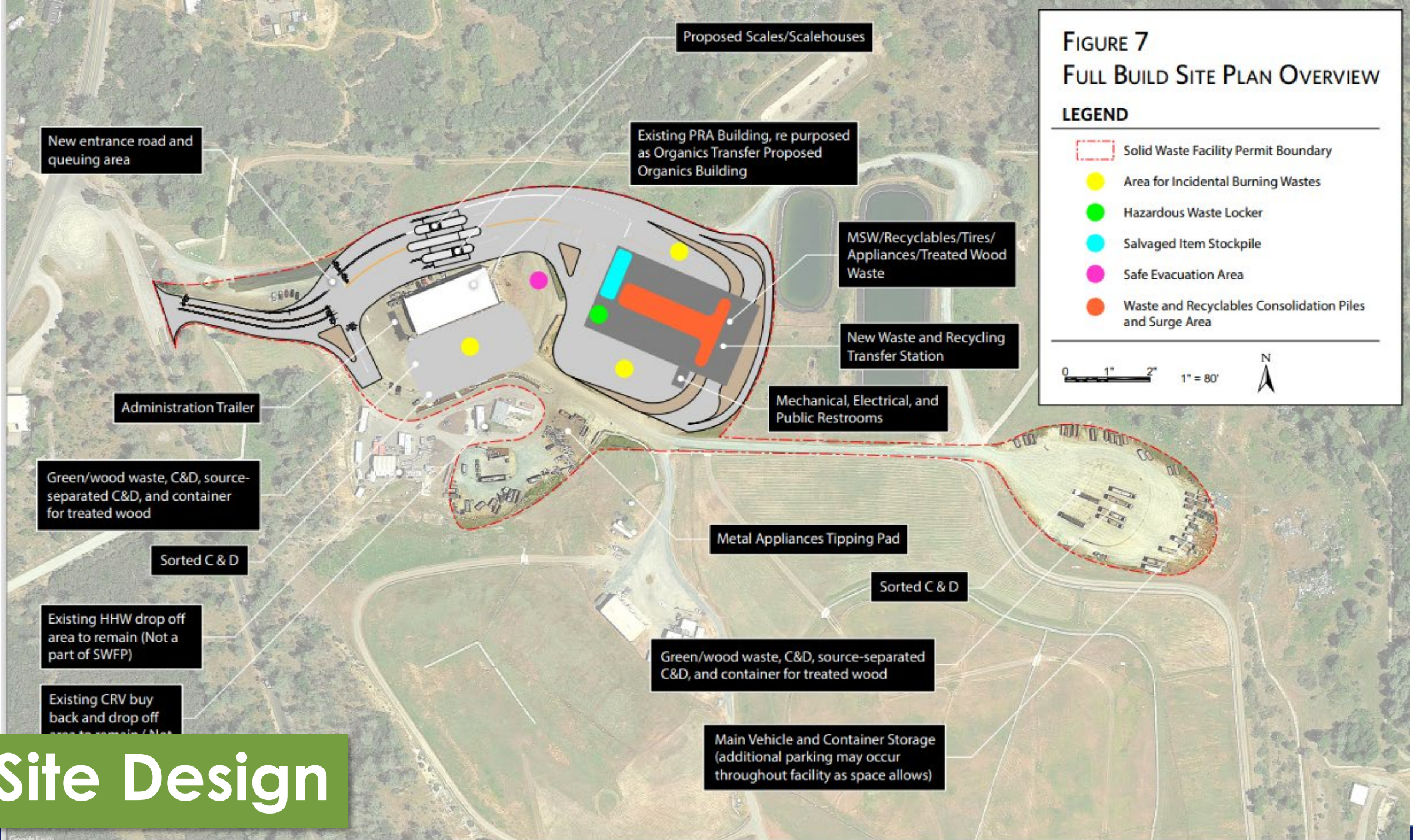
**FIGURE 7**  
**FULL BUILD SITE PLAN OVERVIEW**

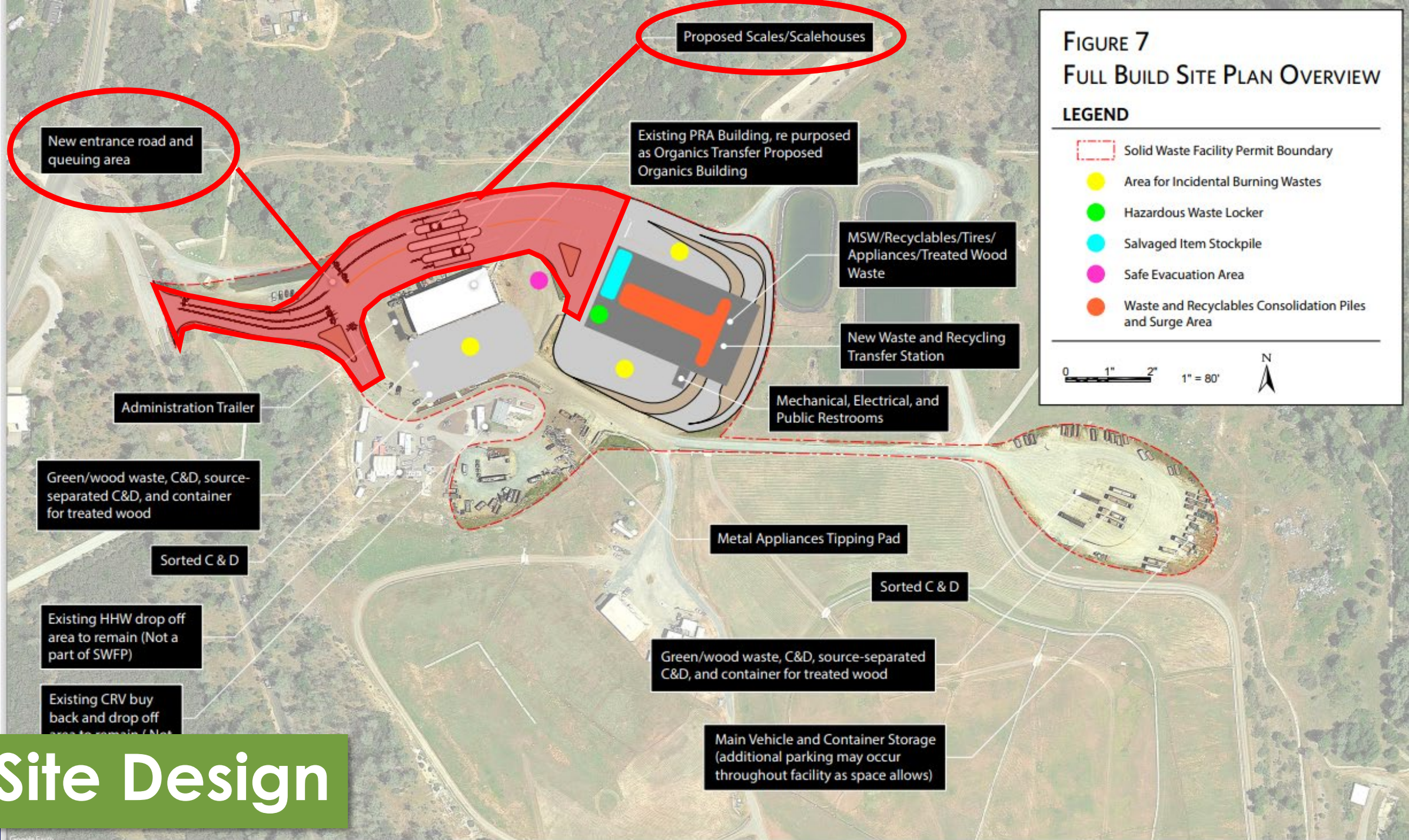
**LEGEND**

-  Solid Waste Facility Permit Boundary
-  Area for Incidental Burning Wastes
-  Hazardous Waste Locker
-  Salvaged Item Stockpile
-  Safe Evacuation Area
-  Waste and Recyclables Consolidation Piles and Surge Area




**Site Design**





**FIGURE 7**  
**FULL BUILD SITE PLAN OVERVIEW**

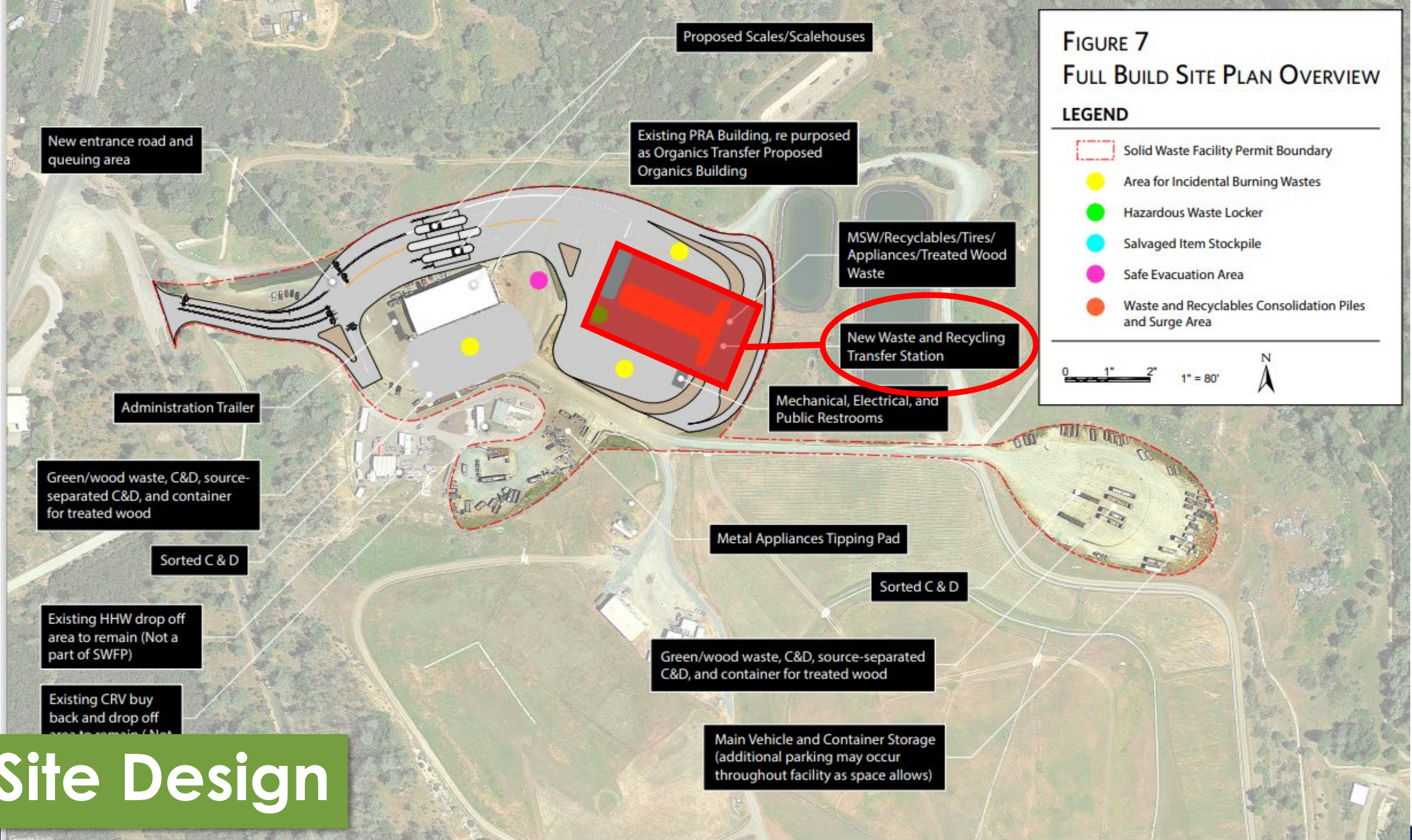
**LEGEND**

-  Solid Waste Facility Permit Boundary
-  Area for Incidental Burning Wastes
-  Hazardous Waste Locker
-  Salvaged Item Stockpile
-  Safe Evacuation Area
-  Waste and Recyclables Consolidation Piles and Surge Area

0 1" 2" 1" = 80'



**Site Design**

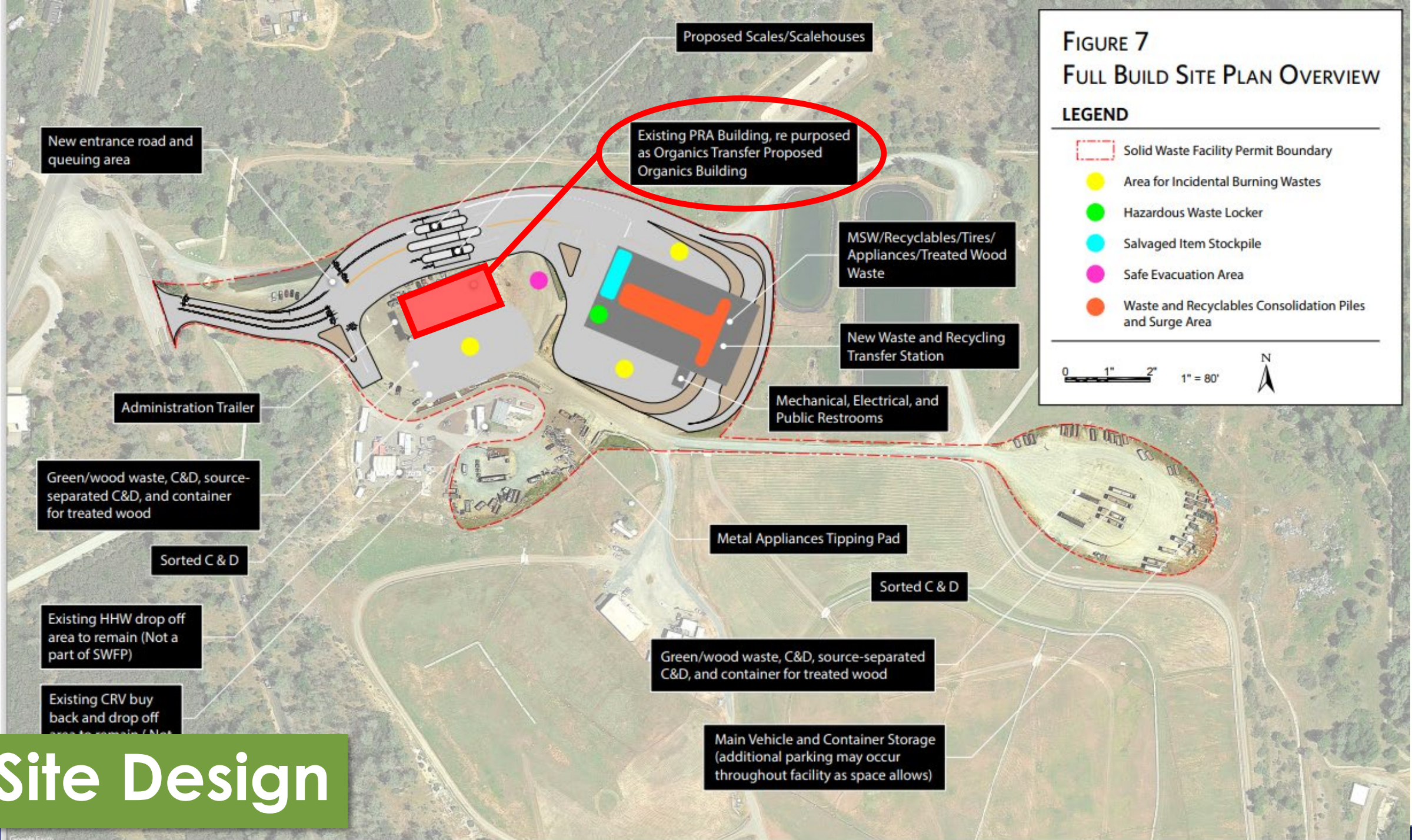


**FIGURE 7**  
**FULL BUILD SITE PLAN OVERVIEW**

**LEGEND**

- Solid Waste Facility Permit Boundary
- Area for Incidental Burning Wastes
- Hazardous Waste Locker
- Salvaged Item Stockpile
- Safe Evacuation Area
- Waste and Recyclables Consolidation Piles and Surge Area

0 1" 2" 1" = 80'

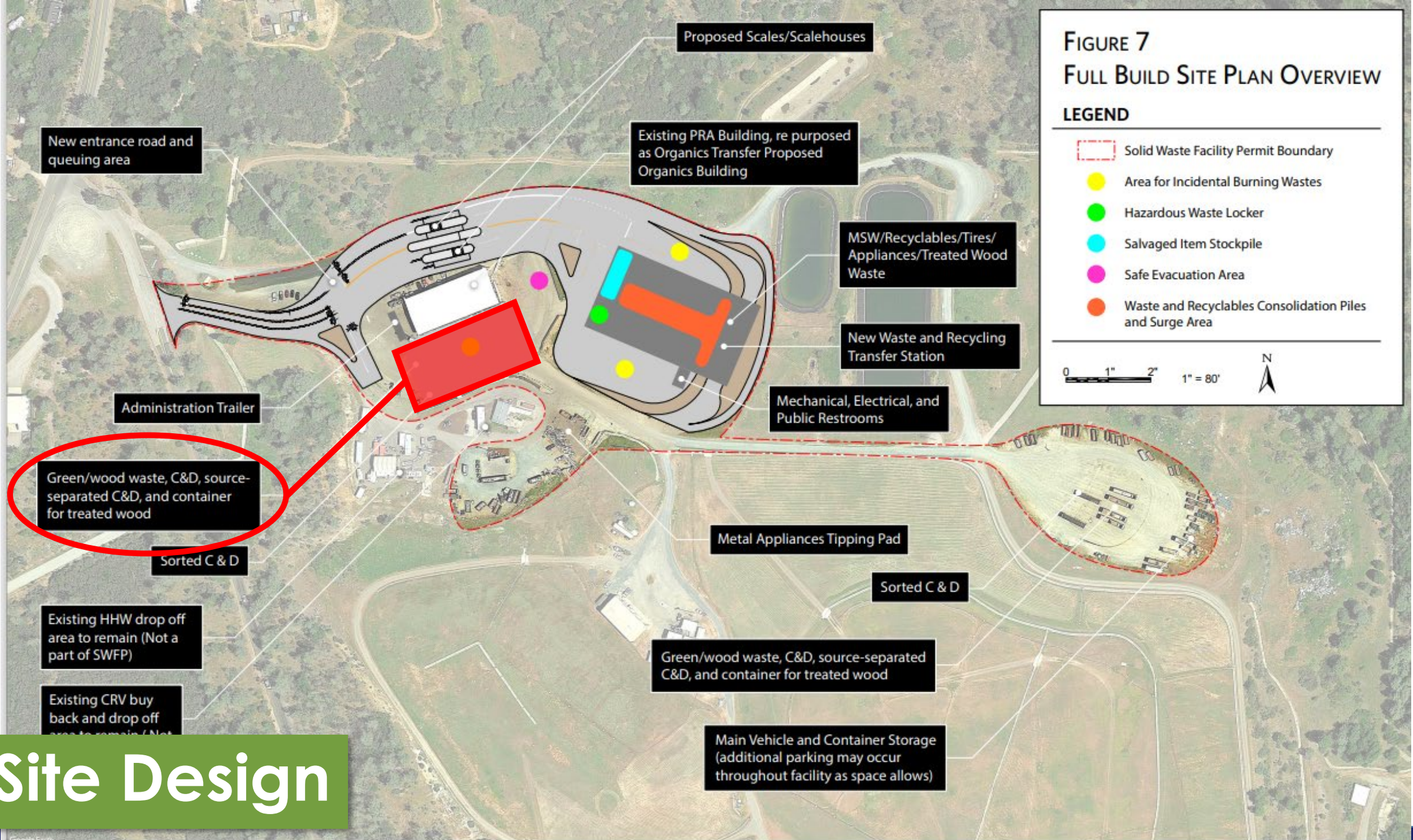
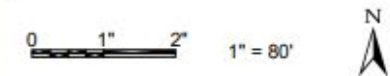


**Site Design**

**FIGURE 7**  
**FULL BUILD SITE PLAN OVERVIEW**

**LEGEND**

-  Solid Waste Facility Permit Boundary
-  Area for Incidental Burning Wastes
-  Hazardous Waste Locker
-  Salvaged Item Stockpile
-  Safe Evacuation Area
-  Waste and Recyclables Consolidation Piles and Surge Area

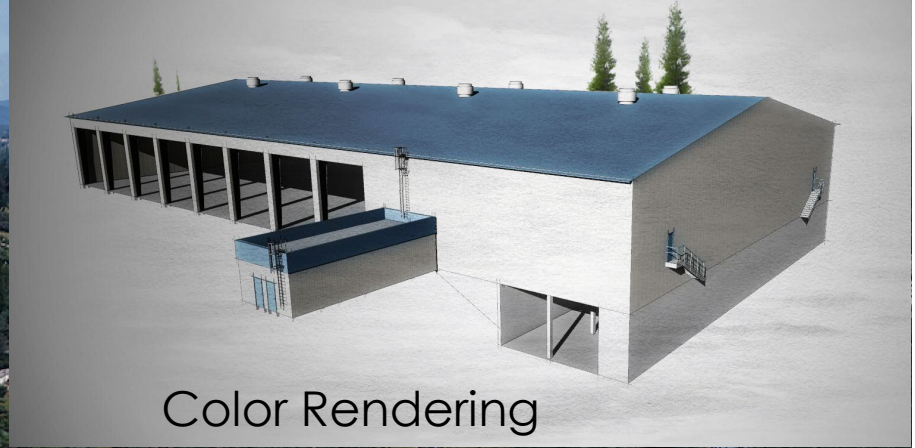


**Site Design**



This aerial photograph shows a waste management facility situated in a valley. A large, irregular pile of debris and trash is visible in the lower right quadrant. To its left is a large, white, rectangular building, likely a processing or storage structure. The facility is surrounded by a network of roads and parking areas. In the background, there are rolling hills covered in dense evergreen forests. A small pond is visible on the right side of the image. The overall scene depicts a large-scale industrial or construction site in a natural setting.

# Current Northwest View

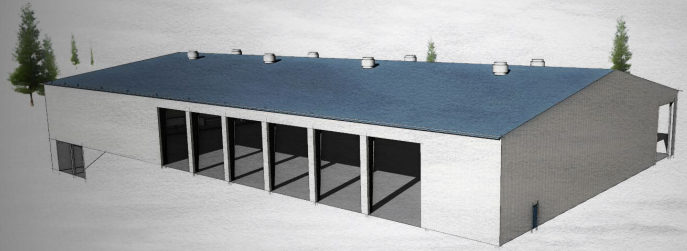


Color Rendering

Current Northwest View

An aerial photograph showing a large industrial or construction site. The site is situated in a valley, surrounded by dense green forest on the hillsides. In the center, there is a large, rectangular building with a white roof. To the left of this building, there is a large pile of debris or rubble. Several smaller buildings and structures are scattered throughout the site. A road or path winds through the site, and a body of water is visible in the bottom left corner. The overall scene suggests a large-scale project, possibly a construction or industrial development.

Current Southwest View



Color Rendering



Current Southwest View

# Project Benefits



Quick and easy site access through new plaza facility entrance



Improved areas for unloading green waste, yard waste and construction and demolition materials



Plenty of unloading bays, indoor operation, and better operational efficiencies



Repurposing existing PRA to function as a food waste diversion facility to comply with new state regulations



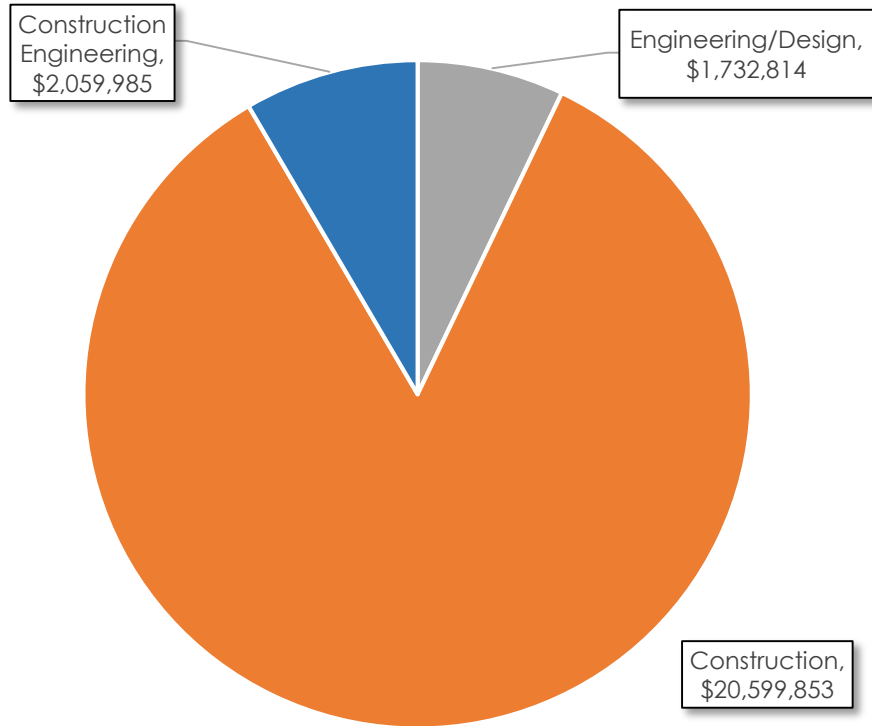
Improved access to household hazard waste and recycling facilities

# Project Schedule:

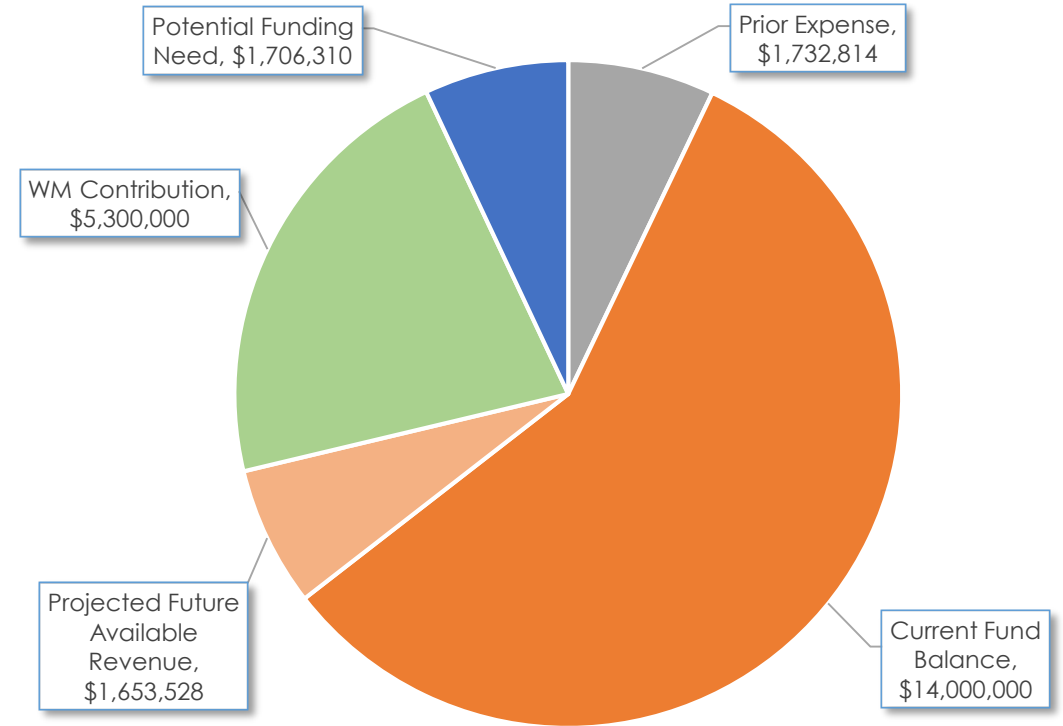
- Complete Design and Permitting **November 2021**
- Board Accepts Plans and Specs and Auth to Advertise Construction **December 2021**
- Board Award Construction and CE Contracts **Spring 2022**
- Begin Construction **Spring 2022**
- Complete Construction **Fall 2023**

# Funding

## MRTS PROJECT BUDGET ESTIMATE



## MRTS PROJECT FUNDING



# Staff Recommendations

- Accept the bidding documents, plans and specifications for the McCourtney Road Transfer Station Improvement Project and grant the Public Works Director the authorization to incorporate any final changes into the bid documents before advertising for bids; and
- Authorize the Purchasing Agent to advertise for bids in accordance with applicable regulations with the bid opening date to be set by the Director of Public Works.
- This project will come back to the Board for Authorization to Award in the Spring.

# Questions and Discussion