



**MAPS 3 Transit/Modern Streetcar  
S&MF Final Plans**

May 2016

**JACOBS®**

# Storage and Maintenance Facility Final Plans Presentation

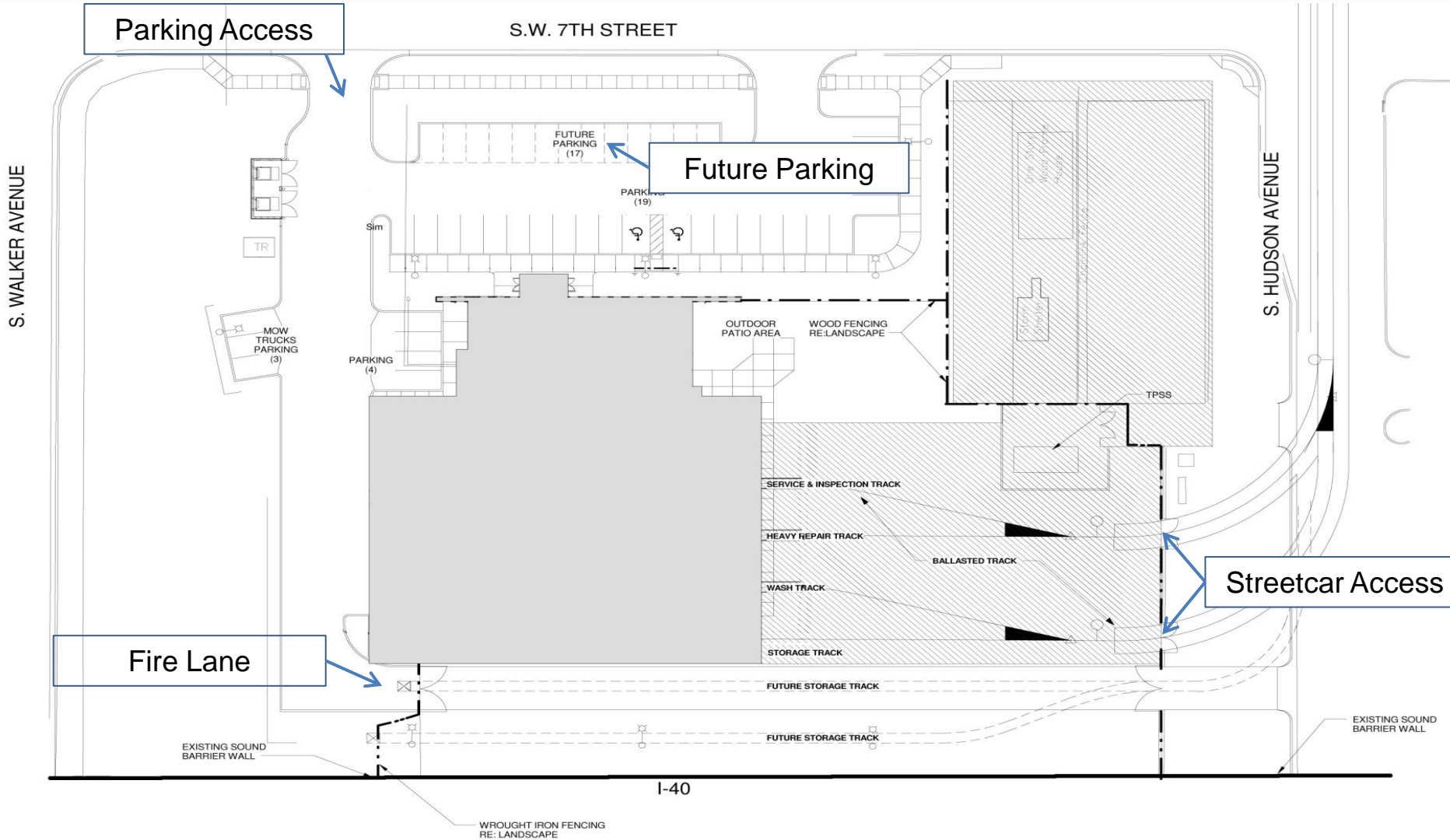


# Storage and Maintenance Facility Program



- 2.7 Acre Site at the corner of 7<sup>th</sup> Street and Hudson Avenue
- Parking for 23 Employees and Visitors
- Parking for 3 “Maintenance Of Way” Vehicles
- 22,400 Square Foot Building including the exterior wash bay
- Building designed for future onsite wheel truing
- Storage for 6 streetcars, 5 undercover (with Bid Alternate)
- Site, Building and Track expandable for 12 Future Streetcars and Staff
- On-Site Storage for System Materials – Overhead Contact System Parts
- Waste Handling and Recycling

# Storage and Maintenance Facility Overall Site Plan



# Storage and Maintenance Facility Floor Plan

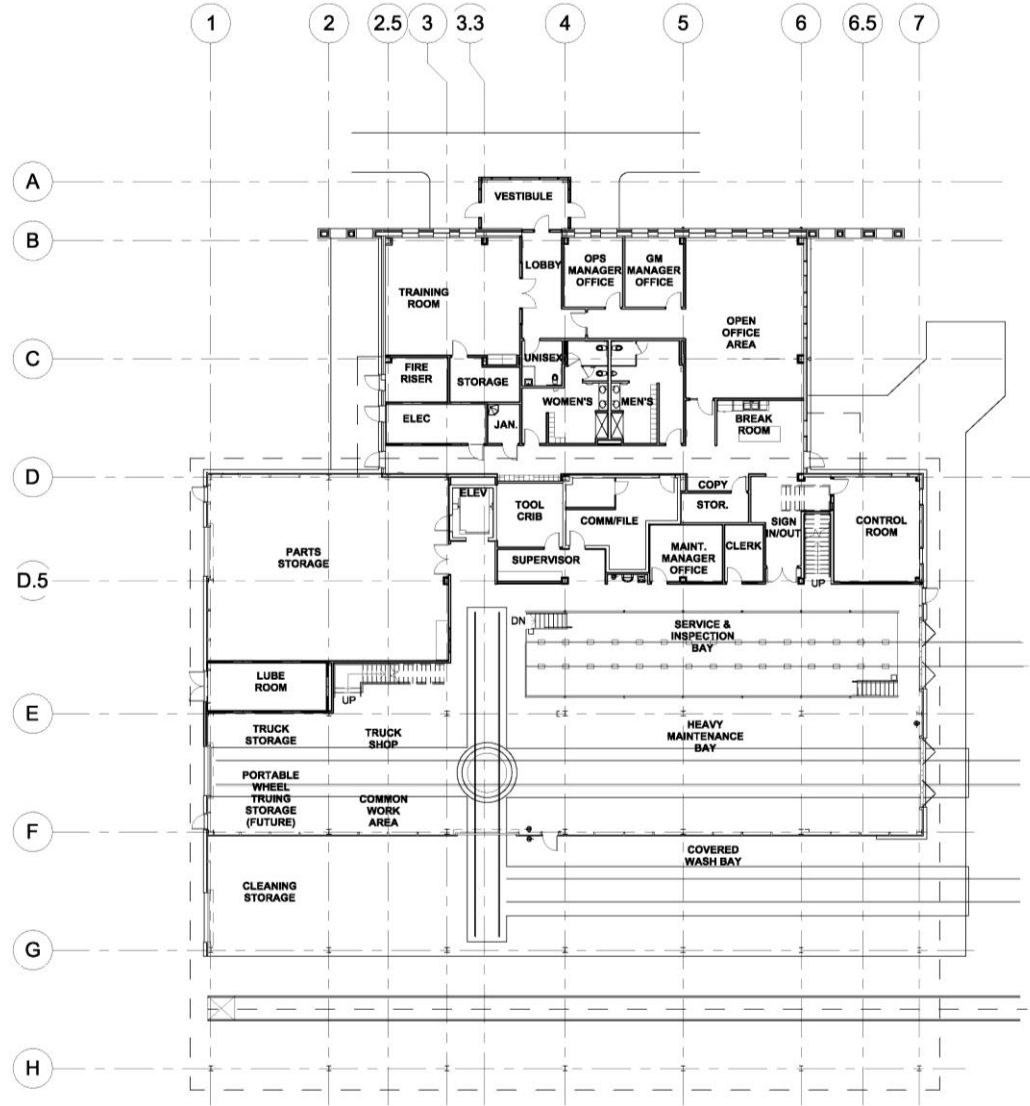
## First Floor

### – 5,450 –Square-Foot Administration Area

- 1,500 SF Office Area
- 750 SF Training Room
- 700 SF Shared Restrooms
- 2,500 SF Break Room / Misc.

### – 14,200-Square-Foot Maintenance Area

- 1,850 SF Parts Storage
- 2,600 SF Service/Inspection Bay
- 2,400 SF Heavy Maintenance Bay
- 2,300 SF Covered Wash Way
- 2,300 SF Ballasted Storage Bay
- 2750 SF Shops / Misc.



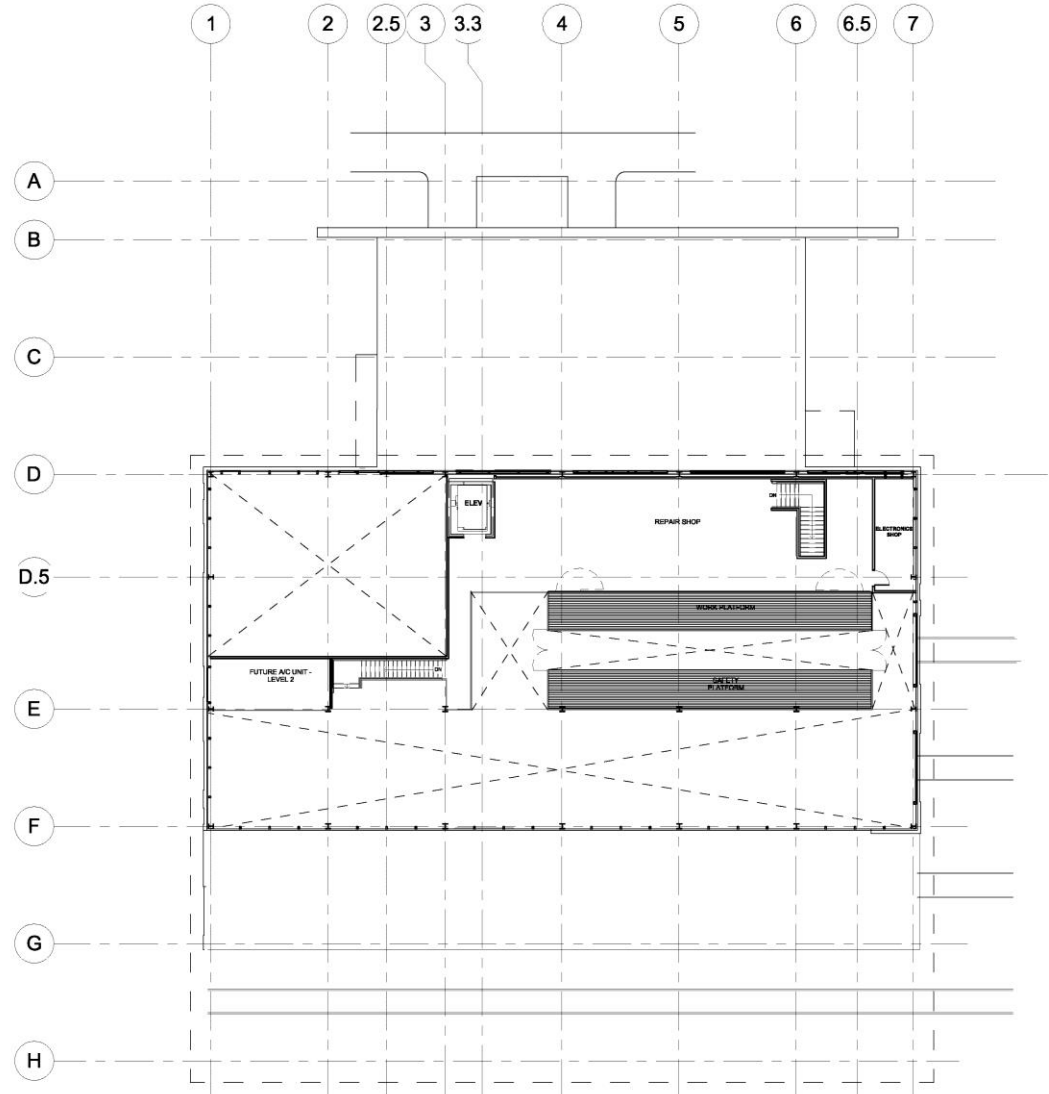
# Storage and Maintenance Facility

## Floor Plan

### Second Floor

#### – 3,300-Square-Foot Shops

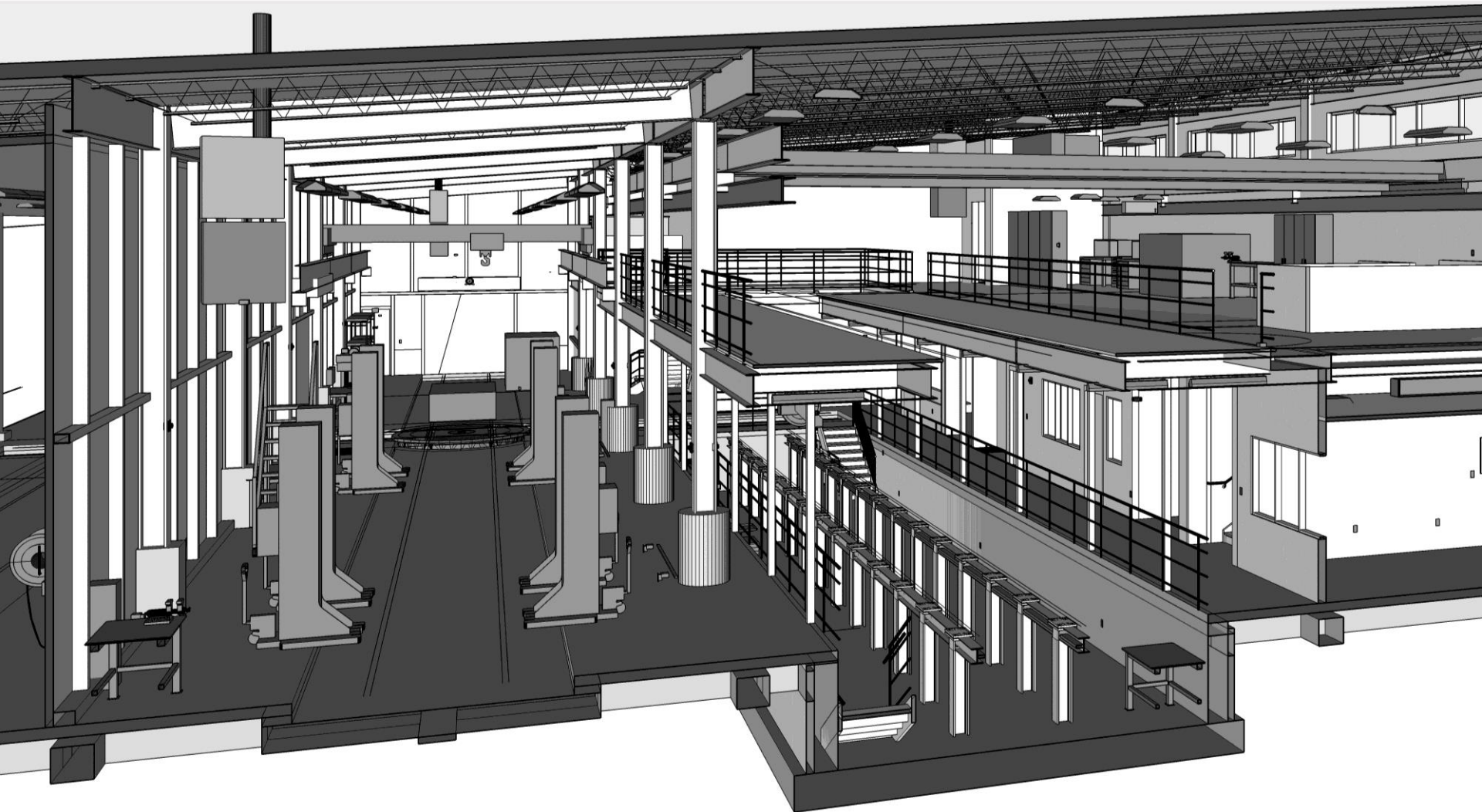
- 250 SF Electronic Shop
- 1,950 SF Open Repair Shop
- 550 SF Work Platform
- 550 SF Safety Platform



# Storage and Maintenance Facility Cross Section



# Storage and Maintenance Facility Cross Section





# Storage and Maintenance Facility

## Bid Alternates



- Alternate 1: Clerestory Pop-up with Windows
  - Two 575 SF Clerestory Pop-ups that will allow southern light into the Maintenance Bays
  - Estimated Value = **\$125,000**
- Alternate 2: Streetcar Storage Track Roof Extension
  - 3500 SF extension of the south building roof to cover the storage track
  - This extension will allow 2 Streetcars to be stored undercover
  - Estimated Value = **\$175,000**
- Alternate 3: Direct/Indirect HVAC in Maintenance Shops
  - Addition of one evaporative Air Handling Unit in Shops
  - Estimated Value = **\$225,000**

# Storage and Maintenance Facility Project Budget



Construction Budget \$4,500,000

## Estimated Construction Cost

- Building \$4,200,000
- Site \$1,100,000
- FF&E Allowance \$75,000

**Total Base Bid: \$5,375,000**

- Bid Alternates
  - 1 – Popup Windows \$125,000
  - 2 – Storage Track Roof \$175,000
  - 3 – HVAC in Shops \$225,000
- **Total Bid with Alternates: \$5,900,000**

# Storage and Maintenance Facility Schedule Overview



Milestone	Date
MAPS 3 Modern Streetcar/Transit Subcommittee authorize bid documents	May 25
MAPS 3 Citizens Advisory Board authorize bid documents	May 26
City Council authorization	May 31
Advertise Bid	June 1
Open Bids	July 6
MAPS 3 Modern Streetcar/Transit Subcommittee approval	July 27
MAPS 3 Citizens Advisory Board approval	July 28
City Council approval	August 2
Construction NTP	August 3
Construction	August 2016 – August 2017

# Storage and Maintenance Facility Questions

