



2017 Bicycle/Pedestrian Master Plan Update

Council Infrastructure Committee

Presentation

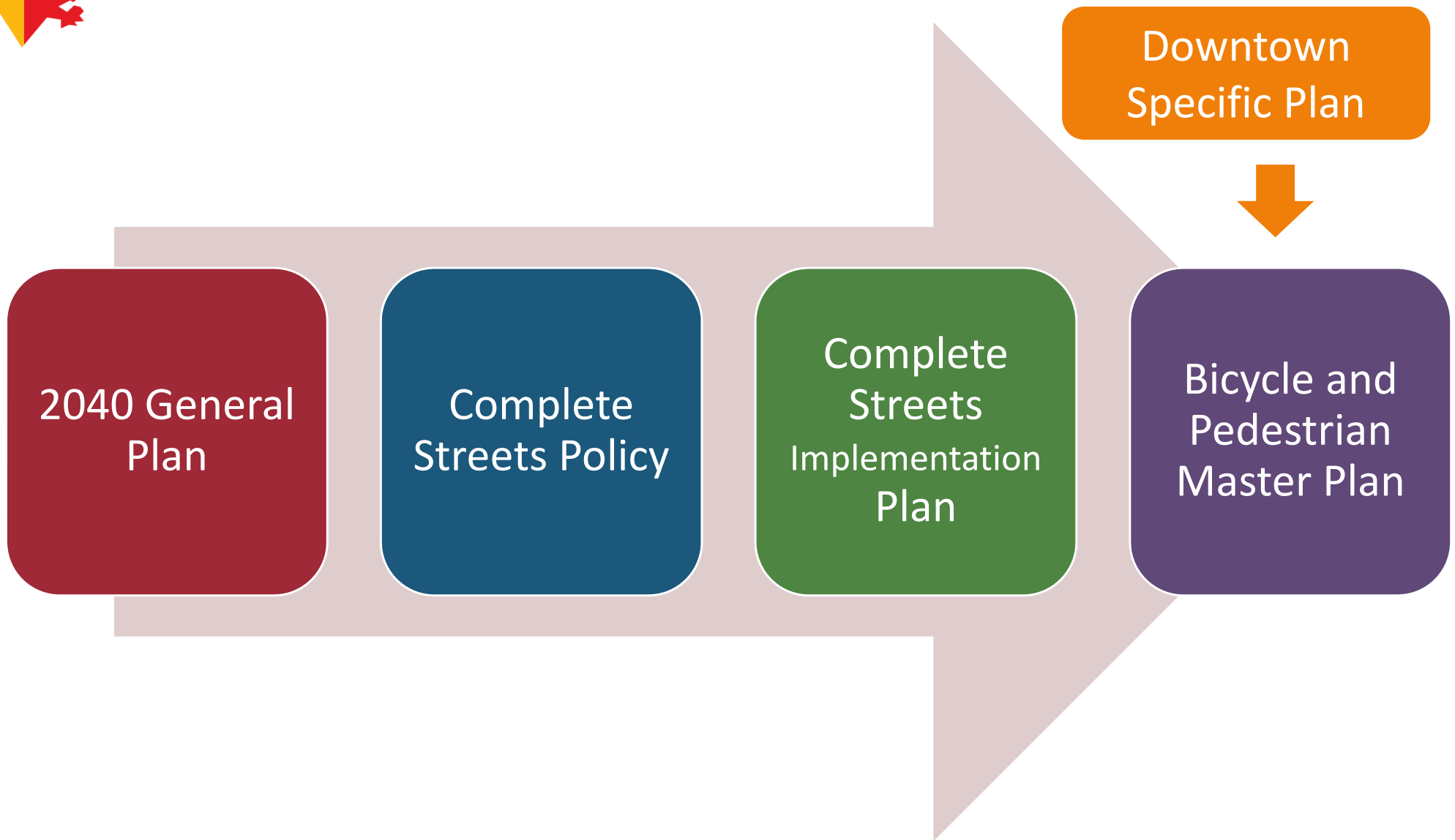
10.25.2017

Fred Kelley

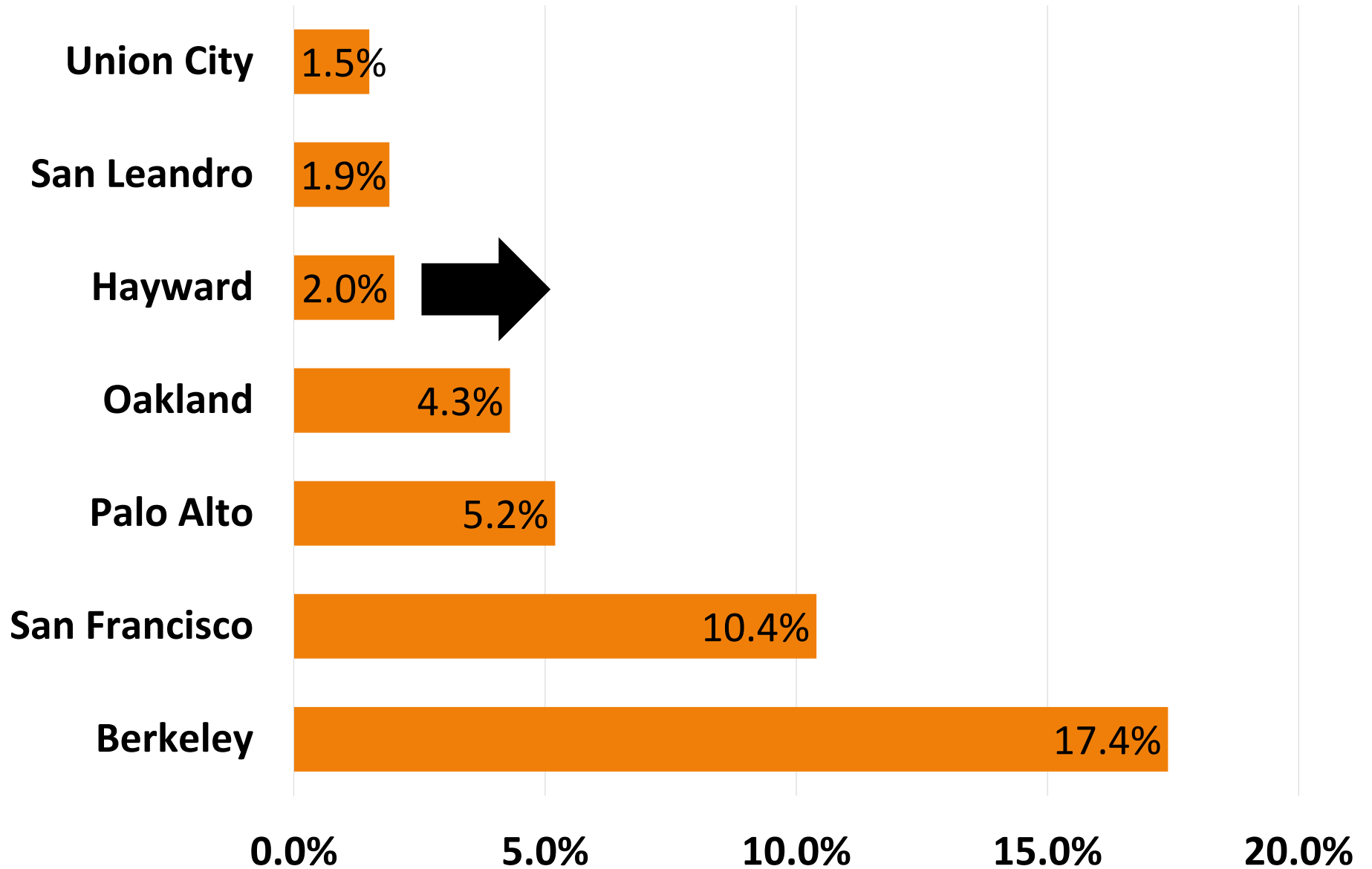
Transportation Manager

PUBLIC WORKS

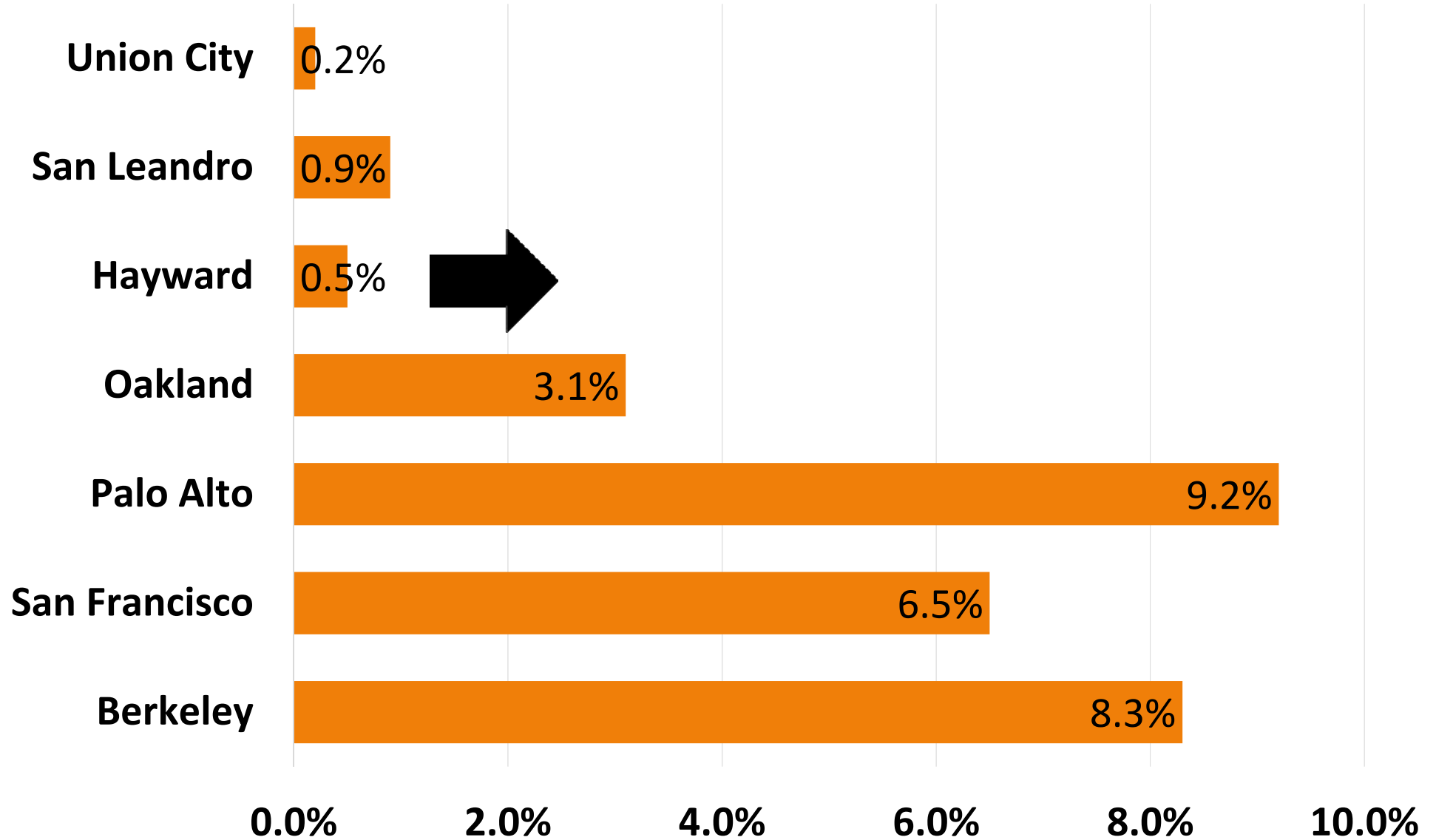
Plans and Policies



Percentage Walk to Work



Percentage Bike to Work





Bike Facilities Classification



Class I Bike Path



Class II Bike Lanes



Class III Bike Route

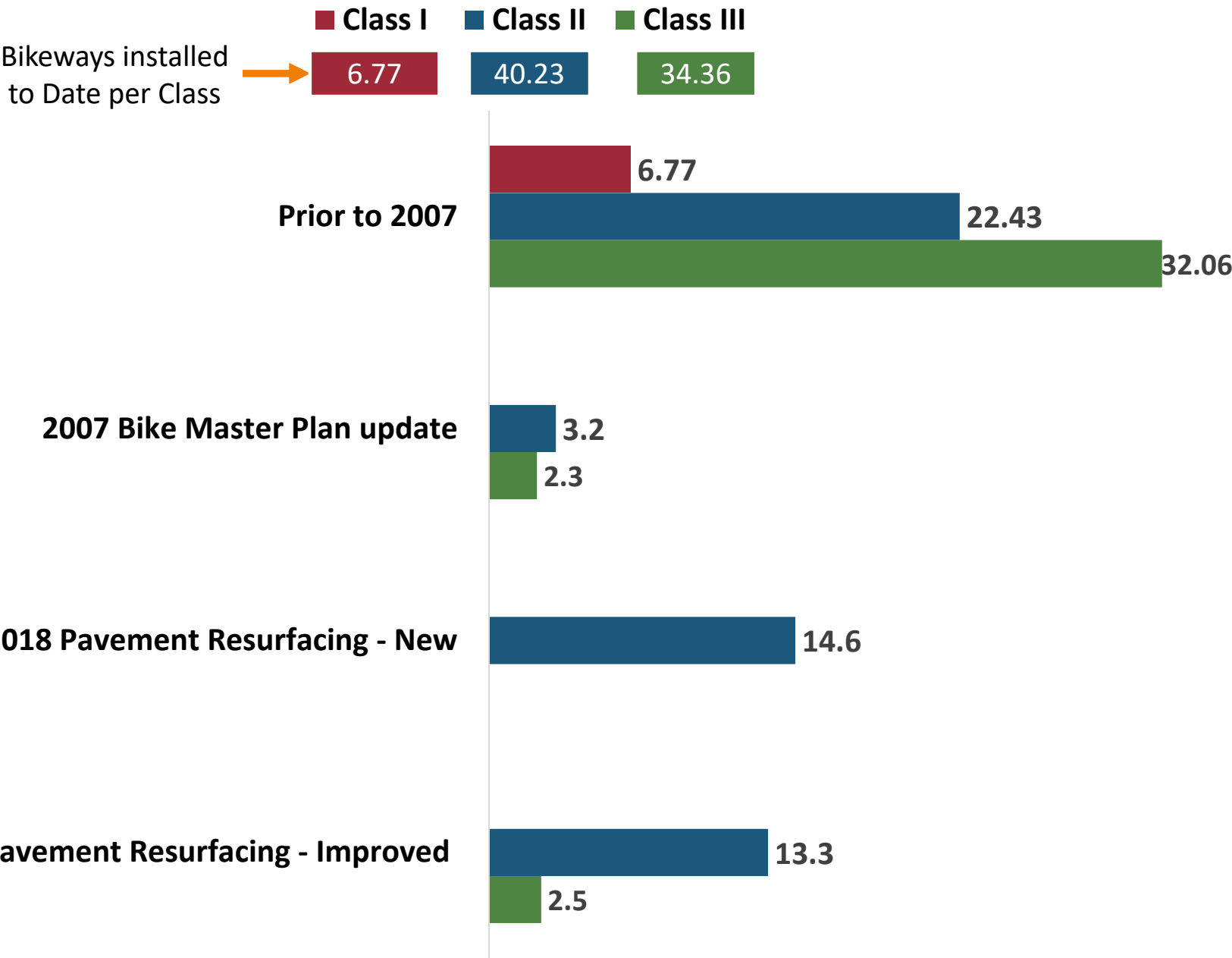


Class IV Protected
Bike Lane – On Street



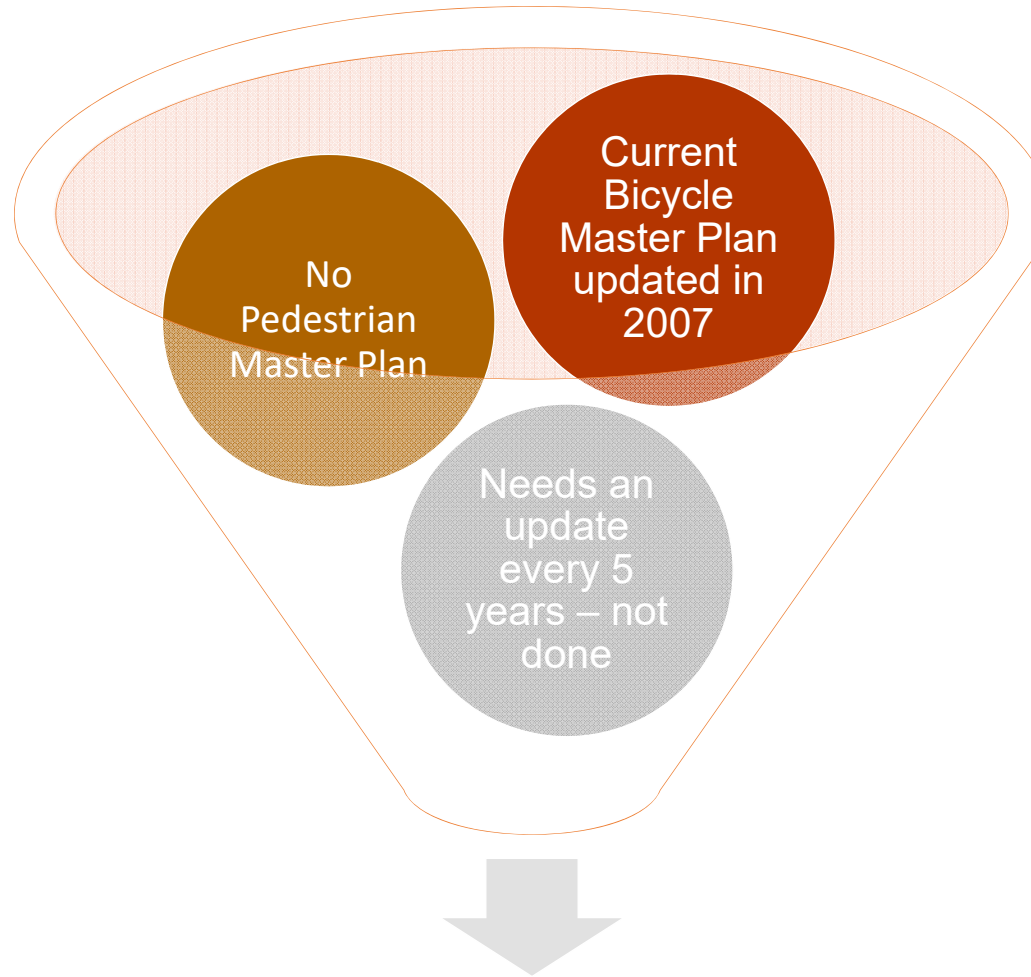
Bikeways Installed To Date

(in miles)





Why a Master Plan?



Update 2007 Bicycle Master Plan
& create a Pedestrian Master Plan



Why Master Plan?

| | | |
|---|--|---|
|  |  |  |
| <p>Bike improvements identified in 2007 have been completed.</p> | <p>Coordinate pedestrian infrastructure programs</p> | <p>Identify future facilities and prepare a comprehensive plan</p> |



Proposals sent to three leading transportation consulting firms

Kittelson & Associates Inc

- Hayward General Plan
- Hayward Downtown Specific Plan
- Alameda County Bicycle and Pedestrian Plan
- Alameda County Active Transportation Plan
- Oakland Pedestrian Master Plan



Project Goals & Objectives

Develop
accessible,
safe &
convenient
environment



Incorporate
community
input



Integrate
latest
advancements
and best
practices

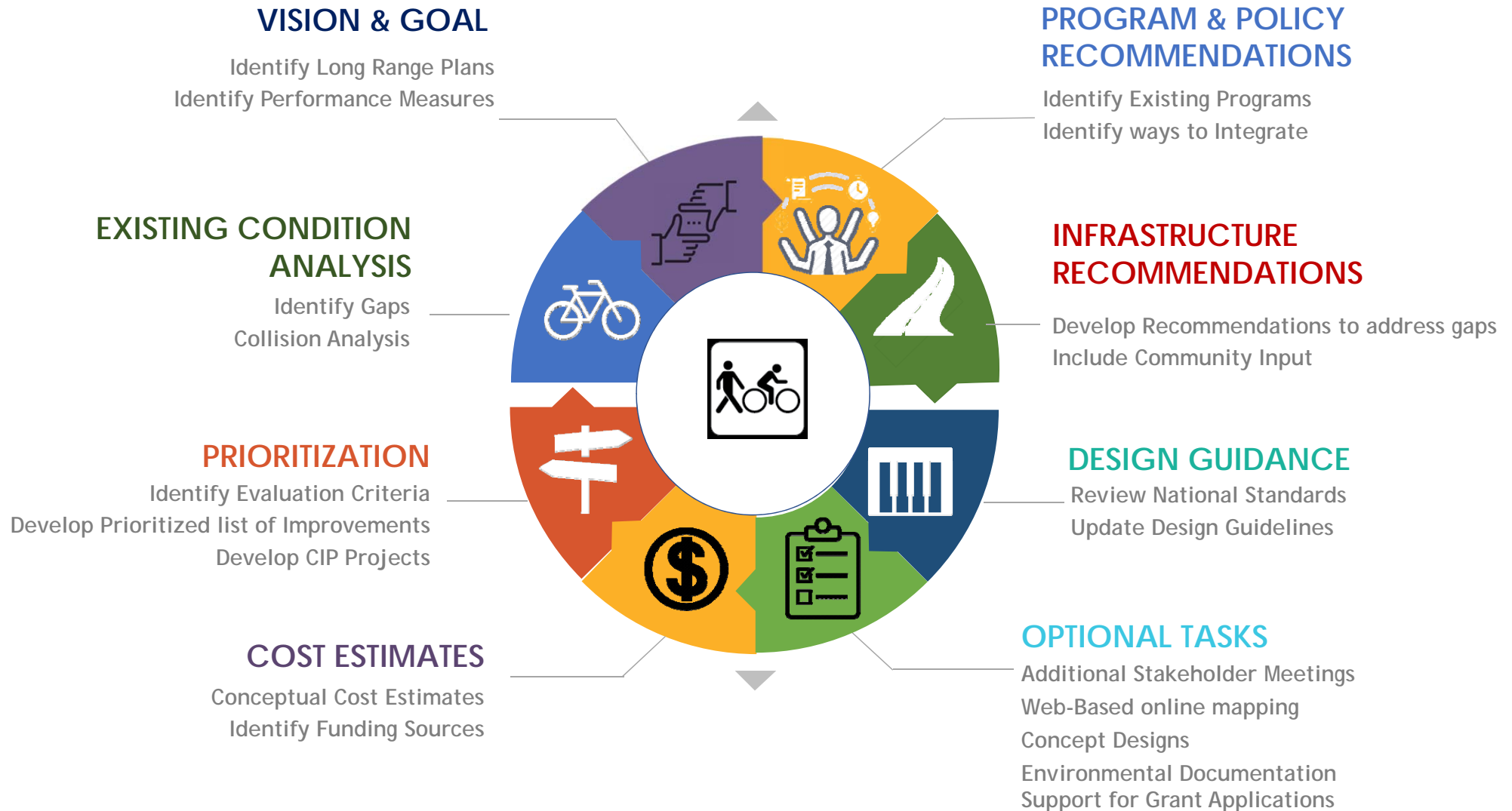


Better
positioned for
Grant Funding





Scope of Work





Public Engagement

Project Media Strategy

- Project Website
- Identify Stake holders
- Social Media Presence

Work Shops/Open Houses

- 5 in person meetings/work shops
- Special Meetings (optional)
- Road Shows (optional)
- Walking/Biking Tours (optional) for non-advocacy group & elected officials

Interactive Web Map (optional)

- Enables public to comment on specific location & areas
- Communicate Key Constraints to Public
- Educate Public on Key Trade-offs



Bike Toolbox



Signal Detection



Bike Box



Striping Improvements



Signage Improvements



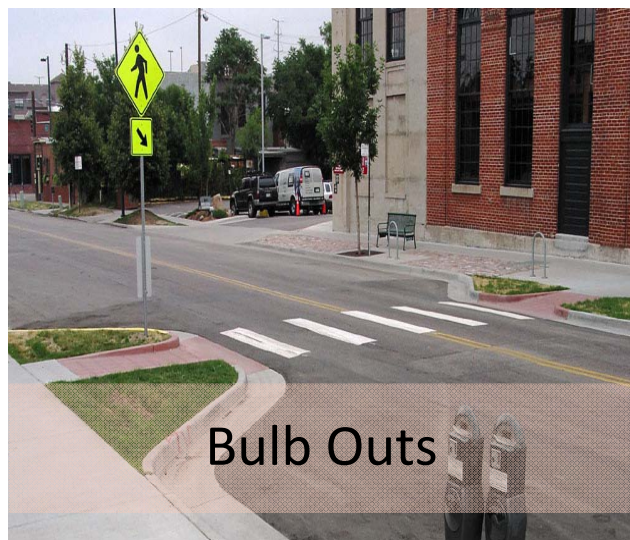
Bike Parking



Enhanced Bike Lanes



Pedestrian Toolbox



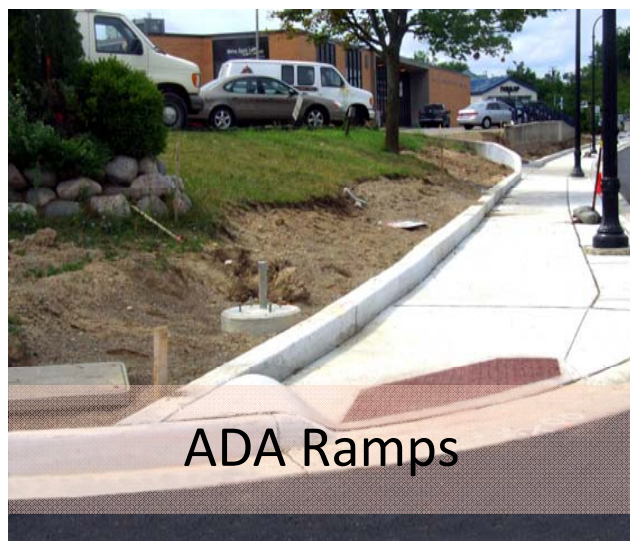
Bulb Outs



Median Refuge Island



Street Trees/Parking



ADA Ramps



High Visibility Crosswalks



Rapid Flashing Beacon



Next Steps

- City Council Approval – Dec 2017
- Begin Study – Early 2018
- Draft Study presentation to CIC - Summer 2019





Feedback/Comments



Fire Station 6 & Fire Training Center Improvement Project

Update

Presentation
October 25, 2017

Morad Fakhrai, Director of Public Works



Project Background

- June 2014 Voters approved Measure C
- October 2014 Facility Needs Assessment Report completed
- May 2015 Started design
- March 2016 Renovate vs construct new FS 6
- October 2016 Update to City Council
- September 2017 Completed design development phase for FS6 & FTC

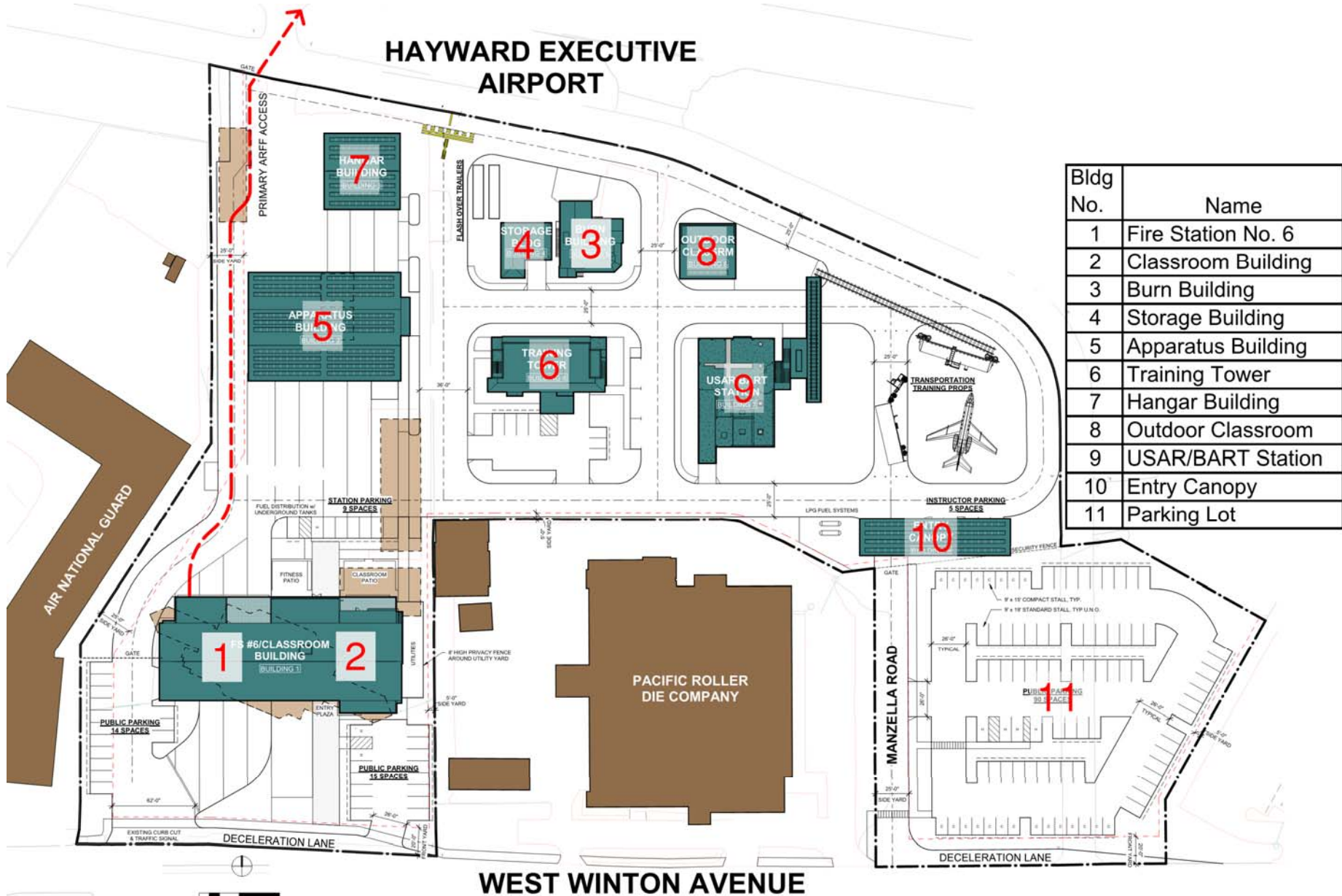
Existing Fire Station 6



Existing Fire Training Center



Fire Station 6 & Fire Training Center



| Bldg No. | Name |
|----------|--------------------|
| 1 | Fire Station No. 6 |
| 2 | Classroom Building |
| 3 | Burn Building |
| 4 | Storage Building |
| 5 | Apparatus Building |
| 6 | Training Tower |
| 7 | Hangar Building |
| 8 | Outdoor Classroom |
| 9 | USAR/BART Station |
| 10 | Entry Canopy |
| 11 | Parking Lot |

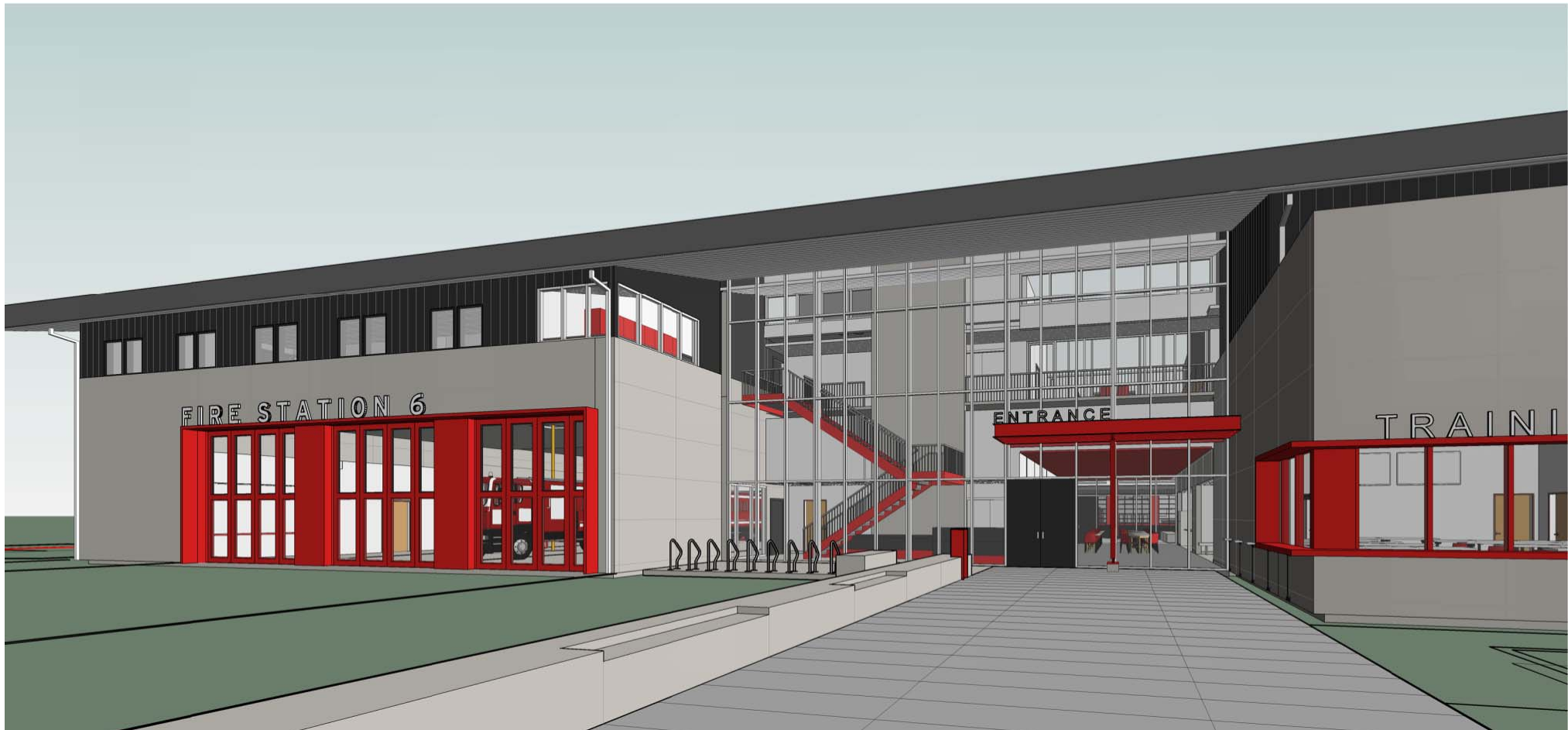
Fire Station 6 & Fire Training Center



Fire Station 6 & Fire Training Center Improvement Project

October 25, 2017

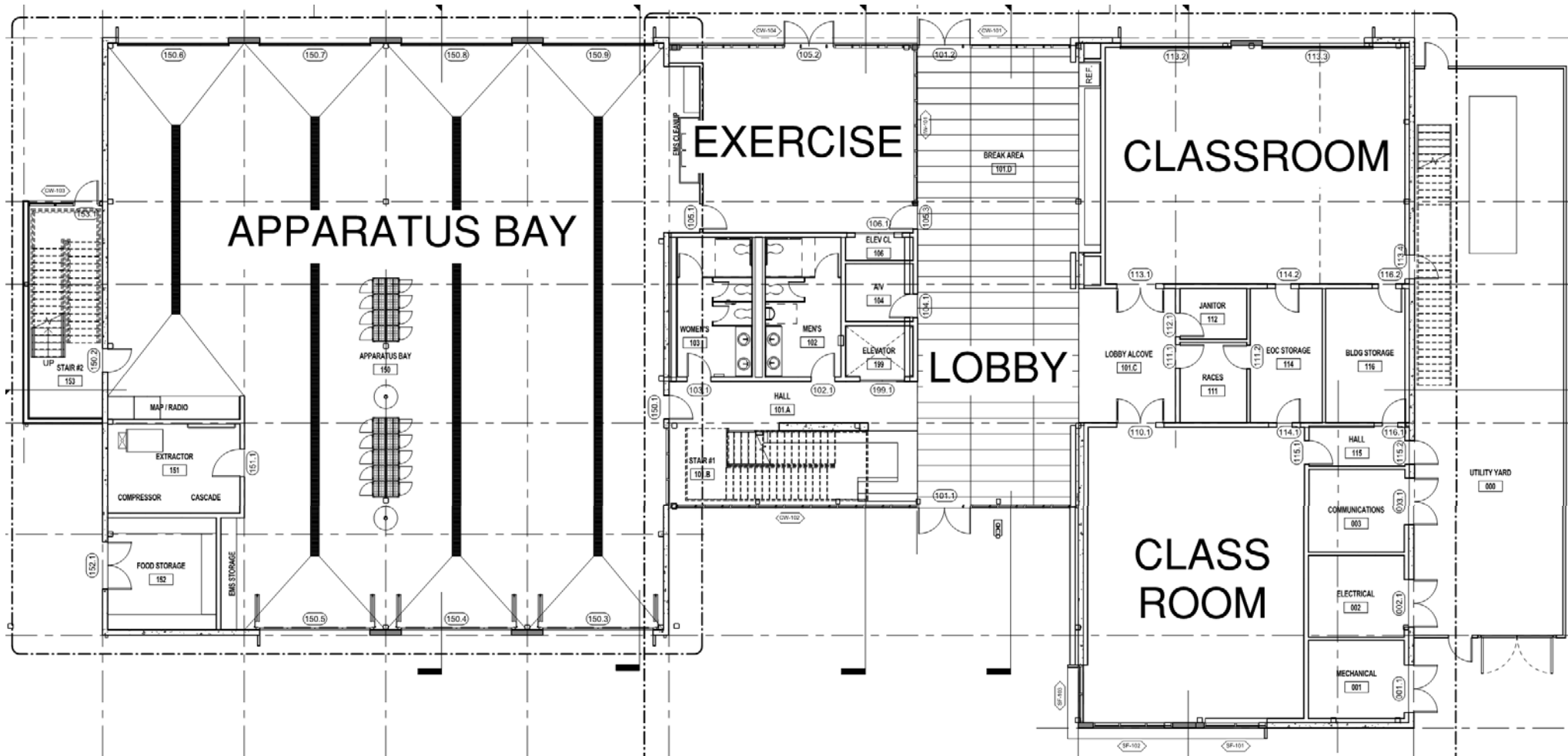
New Fire Station 6 & Classroom



Fire Station 6 & Fire Training Center Improvement Project
October 25, 2017



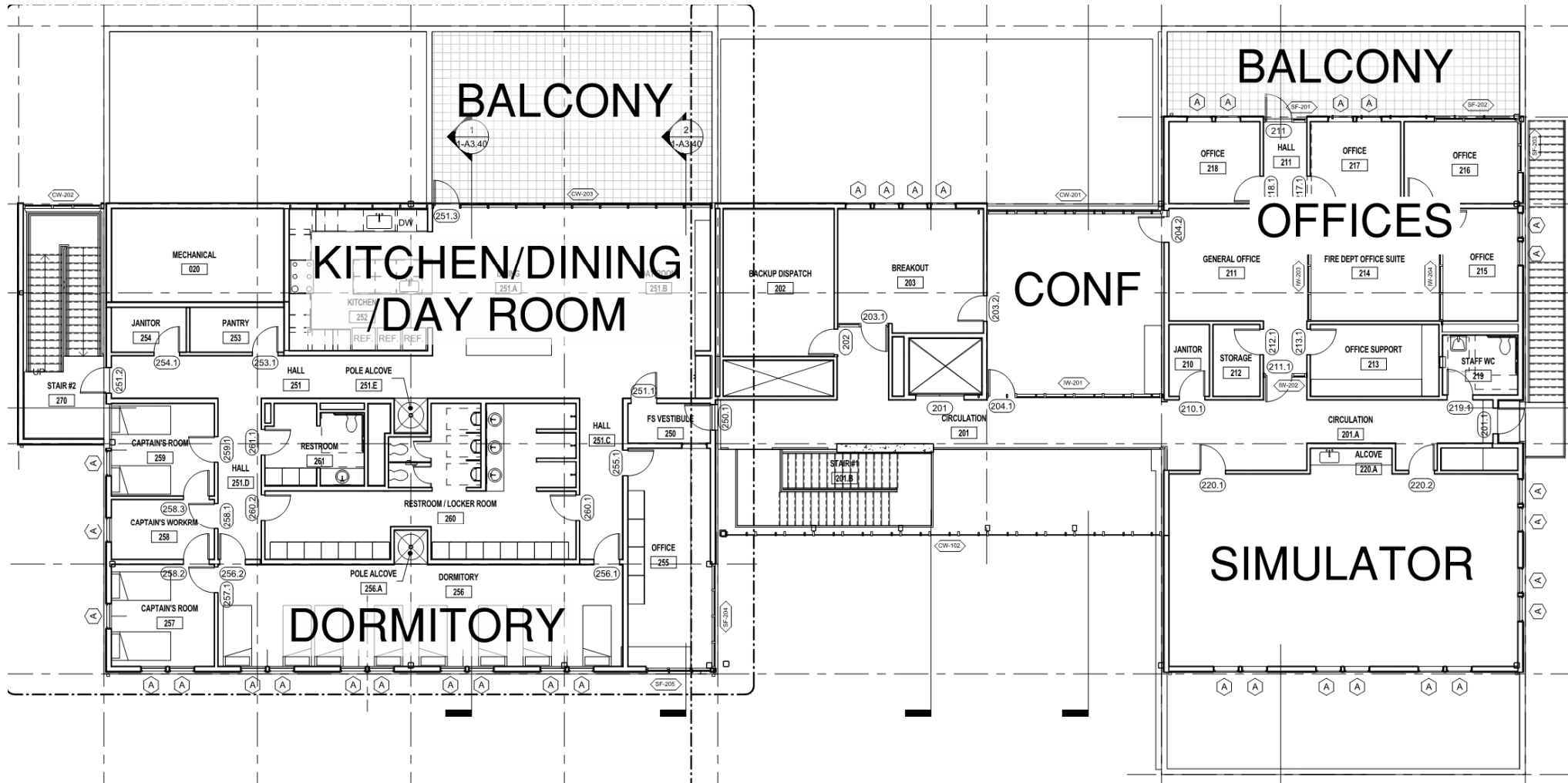
New Fire Station 6 & Classroom First Level



Fire Station 6 & Fire Training Center Improvement Project

October 25, 2017

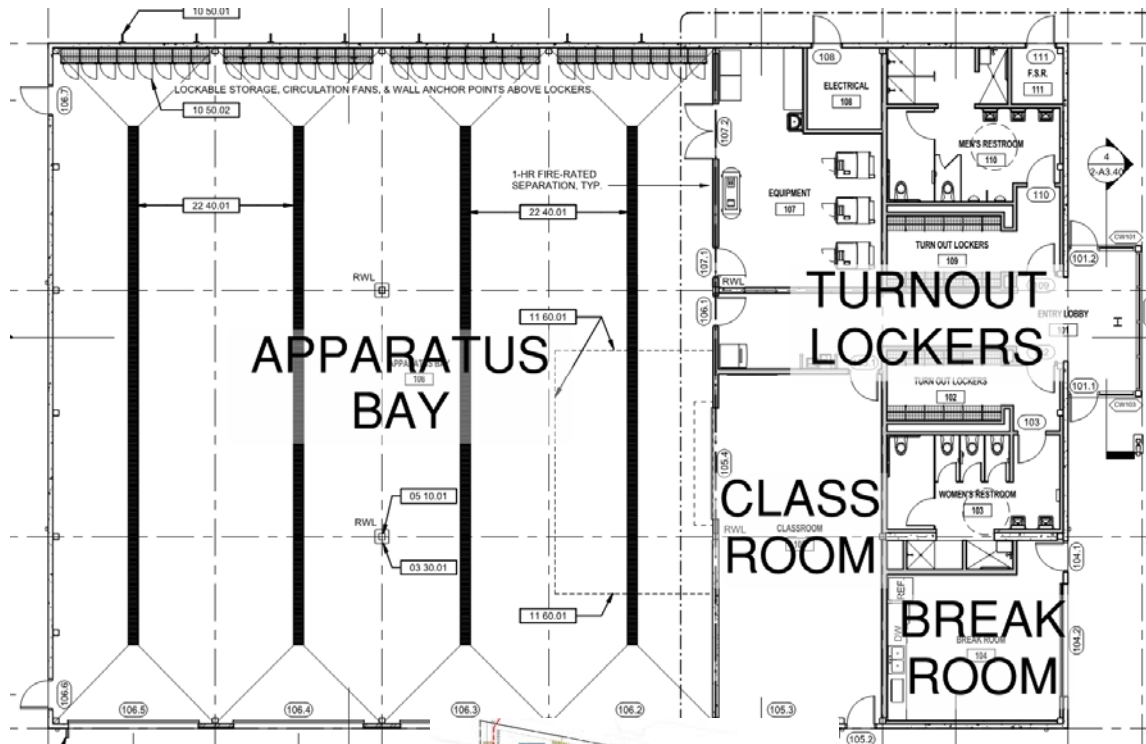
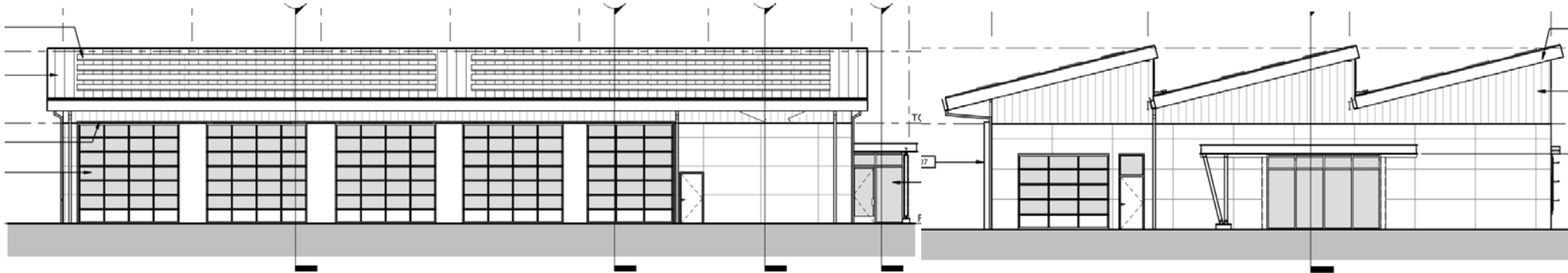
New Fire Station 6 & Classroom Second Level



Fire Station 6 & Fire Training Center Improvement Project

October 25, 2017

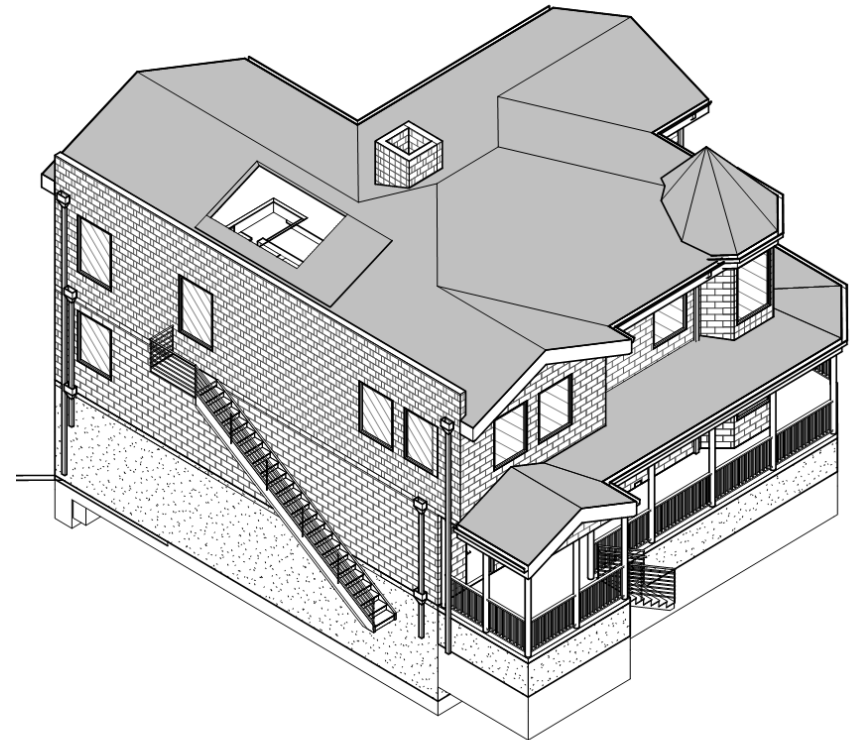
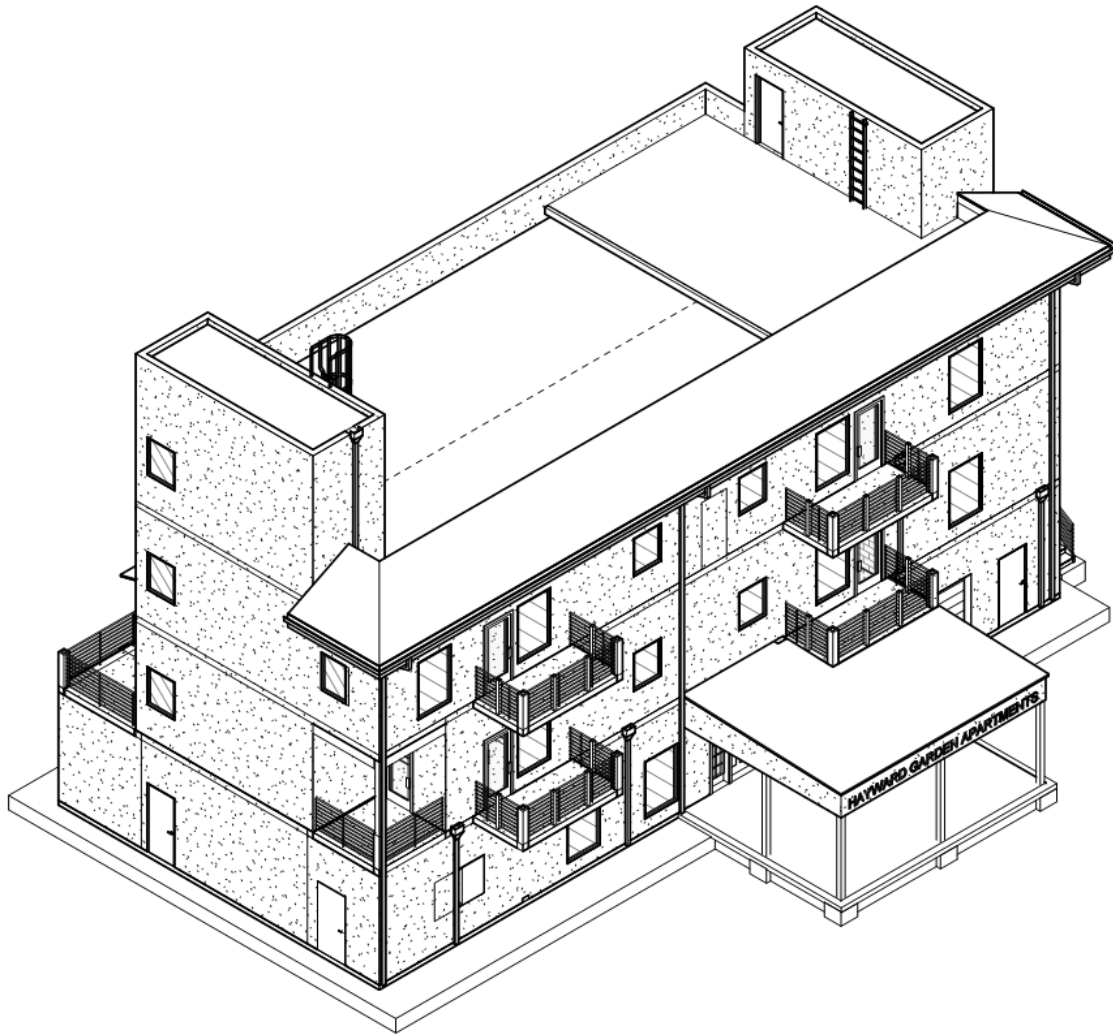
Apparatus Building



Fire Station 6 & Fire Training Center Improvement Project

October 25, 2017

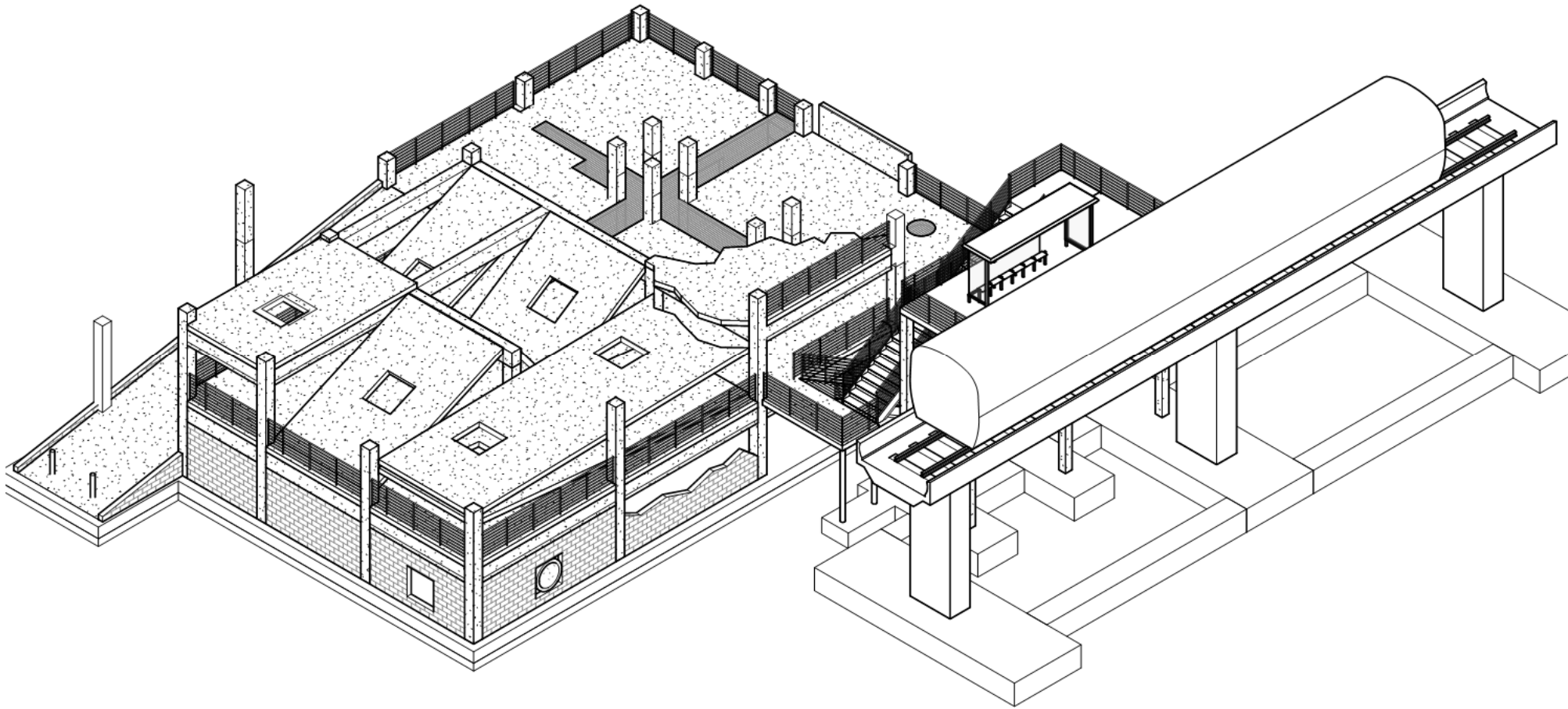
Training Tower and Burn Building



Fire Station 6 & Fire Training Center Improvement Project

October 25, 2017

USAR/BART Training Structure

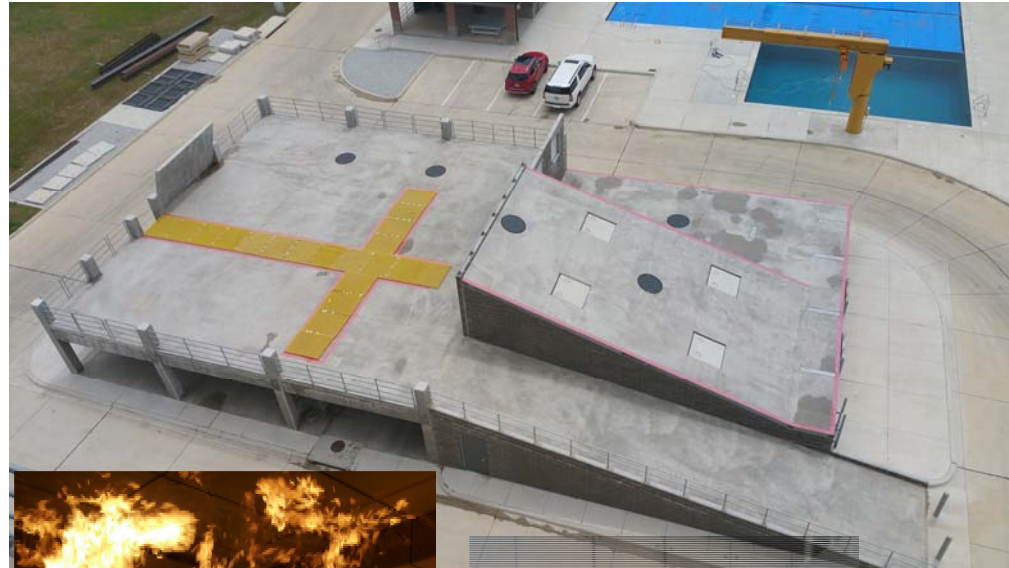


Fire Station 6 & Fire Training Center Improvement Project
October 25, 2017

Fort Worth Public Safety Complex



8 Story Training Tower



USAR
Structure



Props for
live training

Fire Station 6 & Fire Training Center Improvement Project

October 25, 2017

Project Cost

| Fire Station 6 & Fire Training Center | Current Cost Estimate |
|--|------------------------------|
| Construction – Base Project | \$46,800,000 |
| Construction Contingency | \$3,240,000 |
| Design | \$4,200,000 |
| Construction Administration | \$3,150,000 |
| Temporary Housing | \$500,000 |
| FF & E | \$1,250,000 |
| Fire Station 6 & FTC Project Total | \$59,140,000 |

Adopted FY18 CIP Measure C Fund - \$56,780,000

- **Measure C - \$30,280,000**
- **Chabot College – potential \$20,000,000**
- **Other Sources - \$6,500,000**

Shortfall - \$2,360,000

Schedule

- Complete Design June 2018
- Approval of Plans & Specs July 2018
- Receive Bids August 2018
- Award of Contract September 2018
- Begin Work October 2018
- Complete Work December 2019

Fire Station 6 & Fire Training Center

Questions ?

Fire Station 6 & Fire Training Center Improvement Project

Update

**Presentation
October 25, 2017**

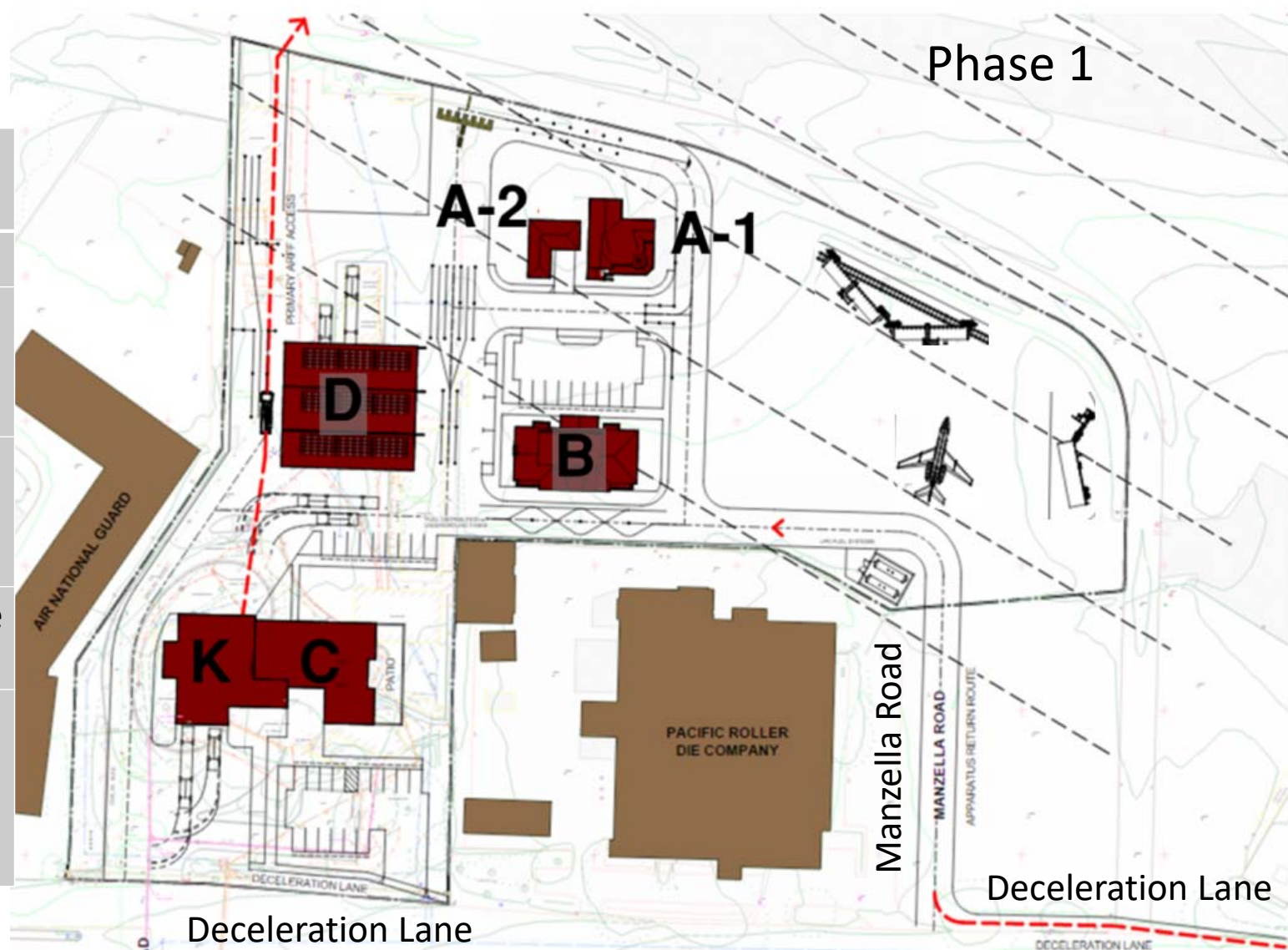
Morad Fakhrai, Director of Public Works

Fire Station 6 & Fire Training Center



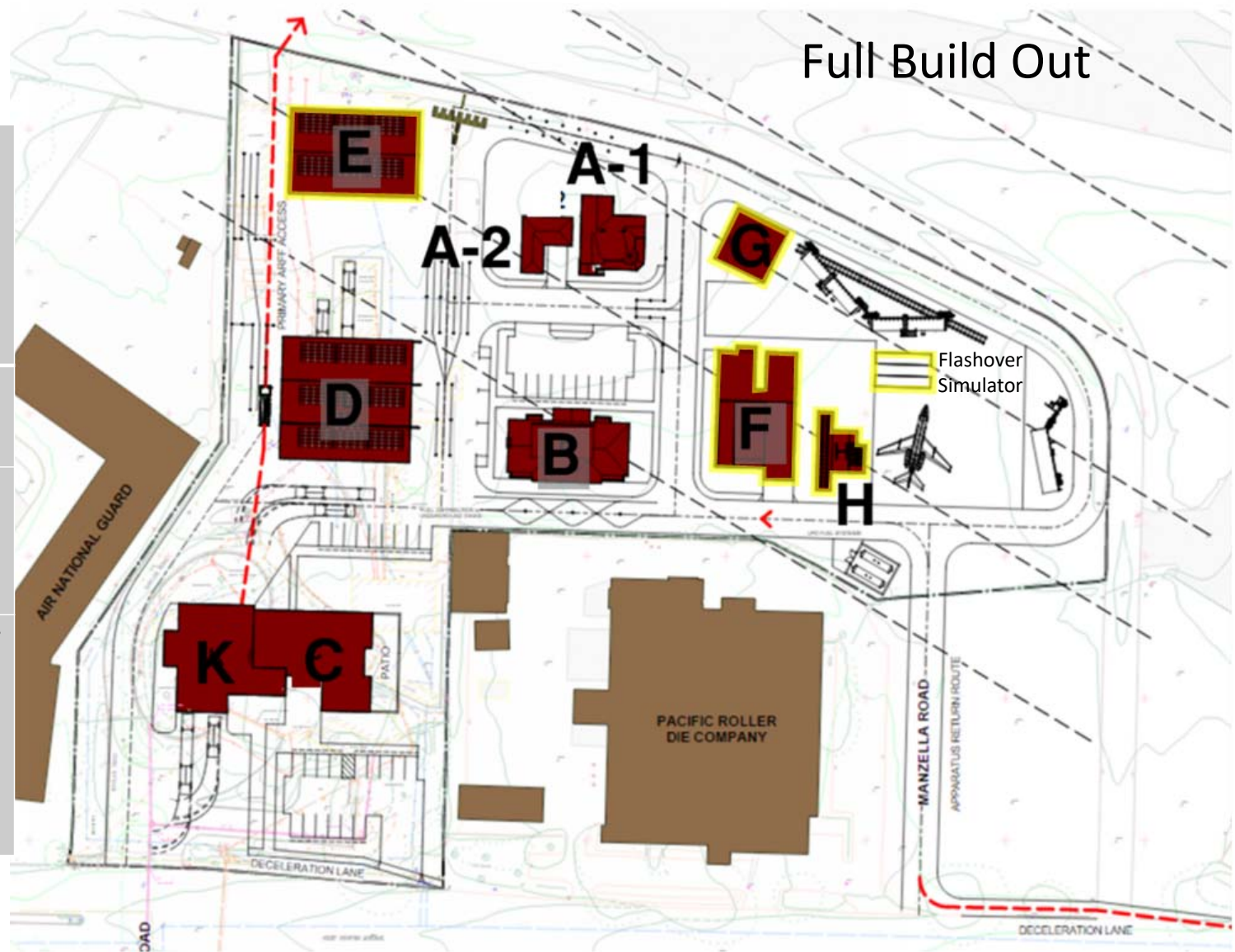
Fire Station 6 & Fire Training Center

| | |
|-----|--|
| K | Fire Station 6 |
| C | Classroom |
| B | 4-Story burn building |
| A-1 | 2-story burn building |
| A-2 | Supply storage building |
| D | Apparatus storage and service building |



Fire Station 6 & Fire Training Center

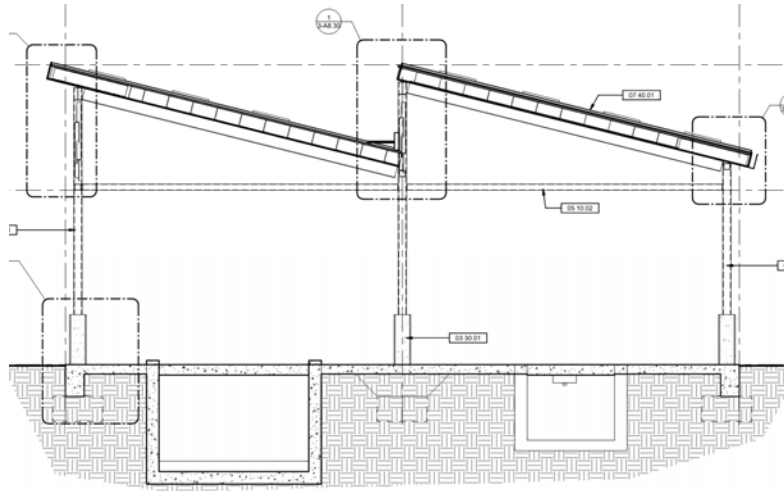
| | |
|---|--|
| E | Aviation hanger training structure |
| F | USAR Structure |
| G | Outdoor Classroom |
| H | Elevated BART station training structure |



Fire Station 6 & Fire Training Center Improvement Project

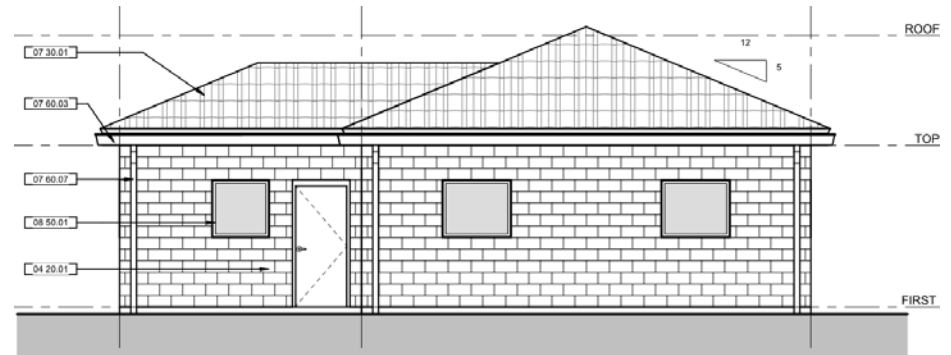
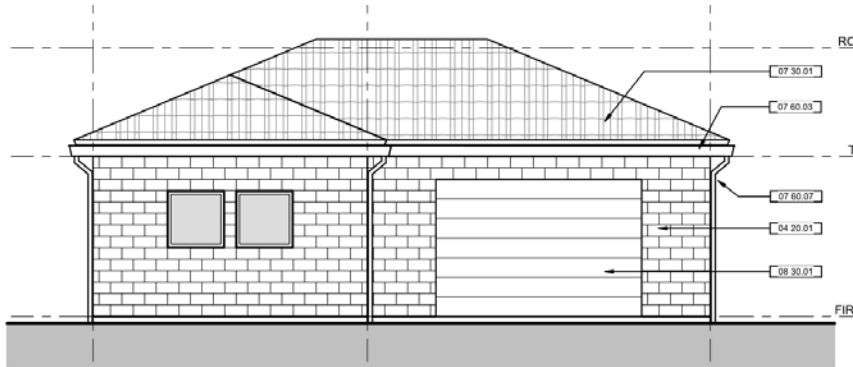
October 25, 2017

Hangar Building



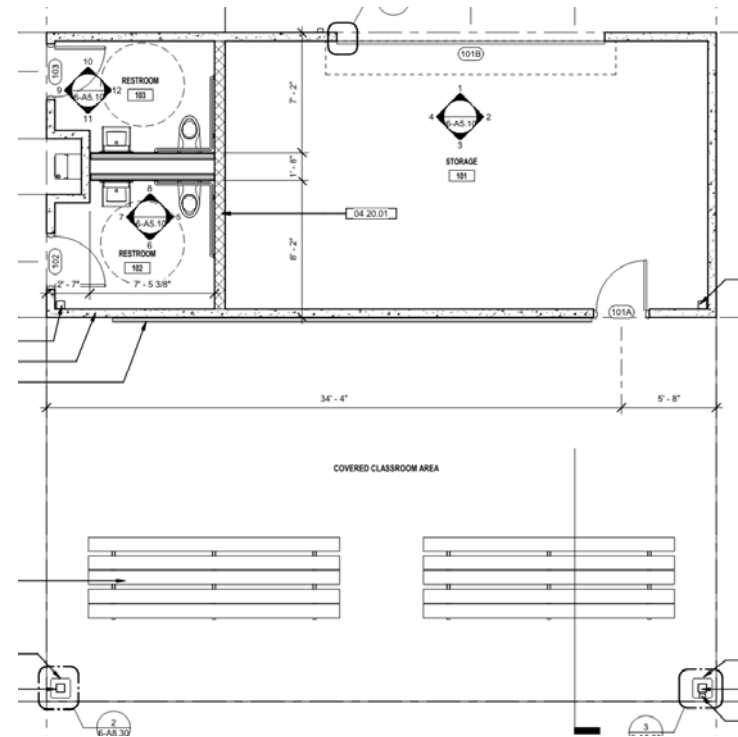
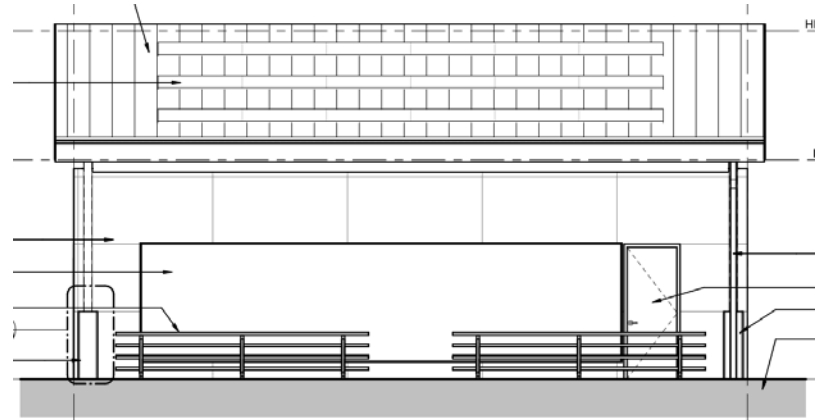
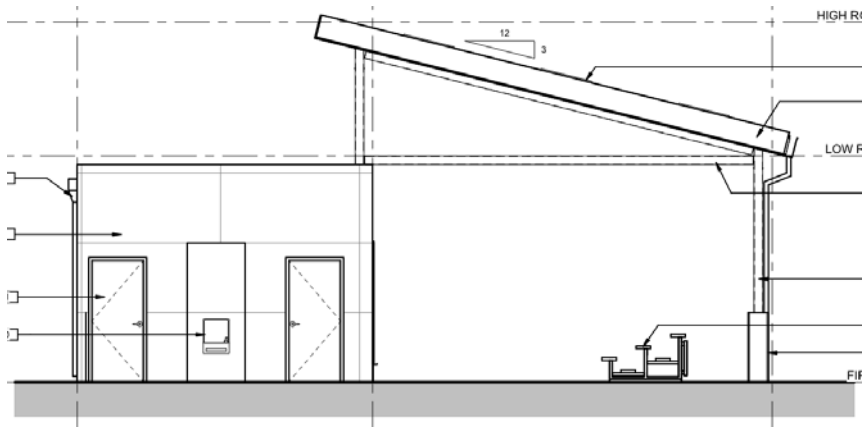
Fire Station 6 & Fire Training Center Improvement Project
October 25, 2017

Storage Building



Fire Station 6 & Fire Training Center Improvement Project
October 25, 2017

Outdoor Classroom



Fire Station 6 & Fire Training Center Improvement Project
October 25, 2017

Parking Lot, Entry Canopy & Outdoor Props

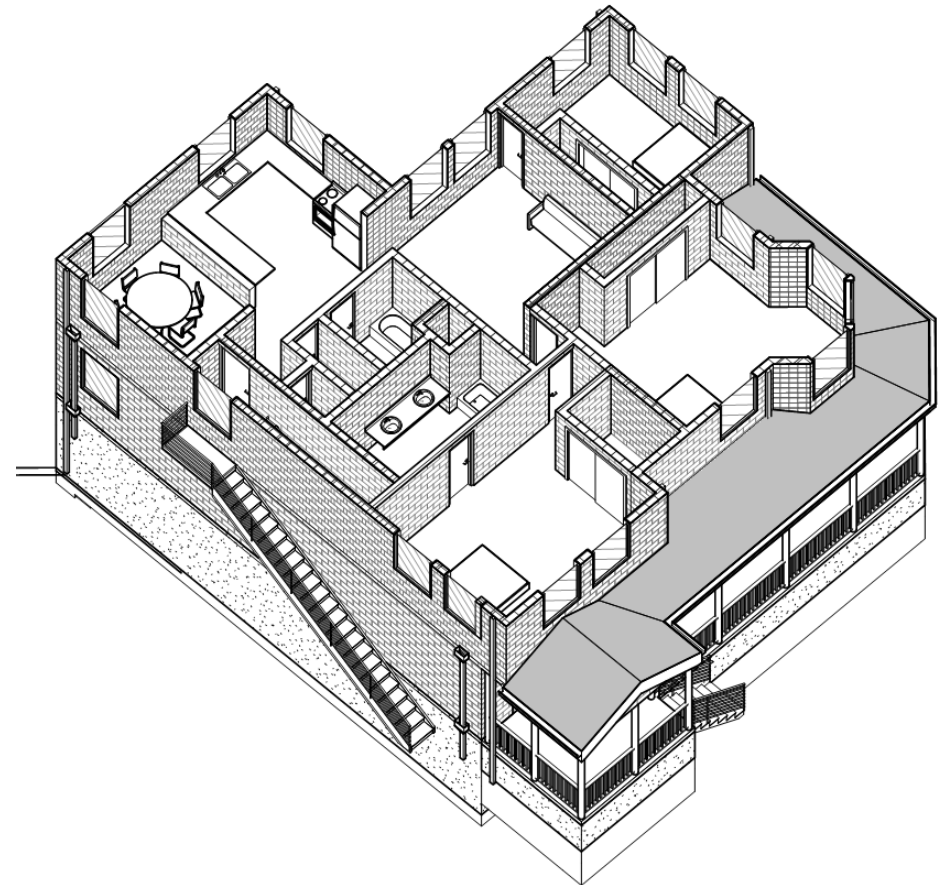
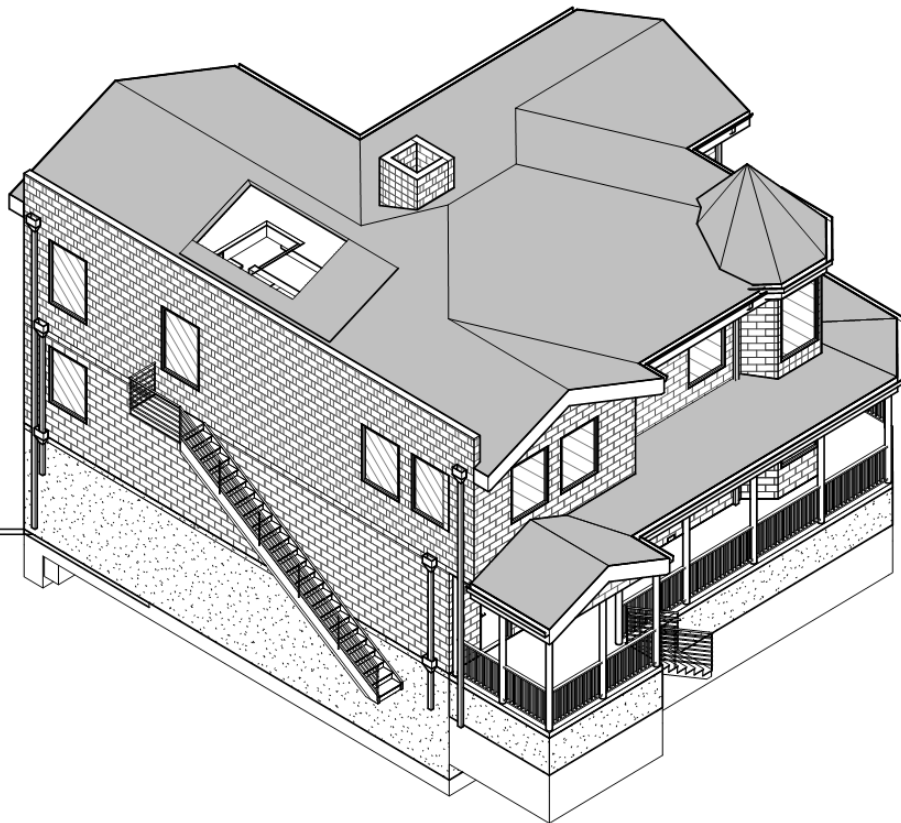


Fire Station 6 & Fire Training Center Improvement Project
October 25, 2017

Steel Sections from World Trade Center



Burn Building



Fire Station 6 & Fire Training Center Improvement Project
October 25, 2017