

# ESER 1 Bond:

Neighborhood Fire Stations

Fire Station #16 Concept

## Civic Design Presentation

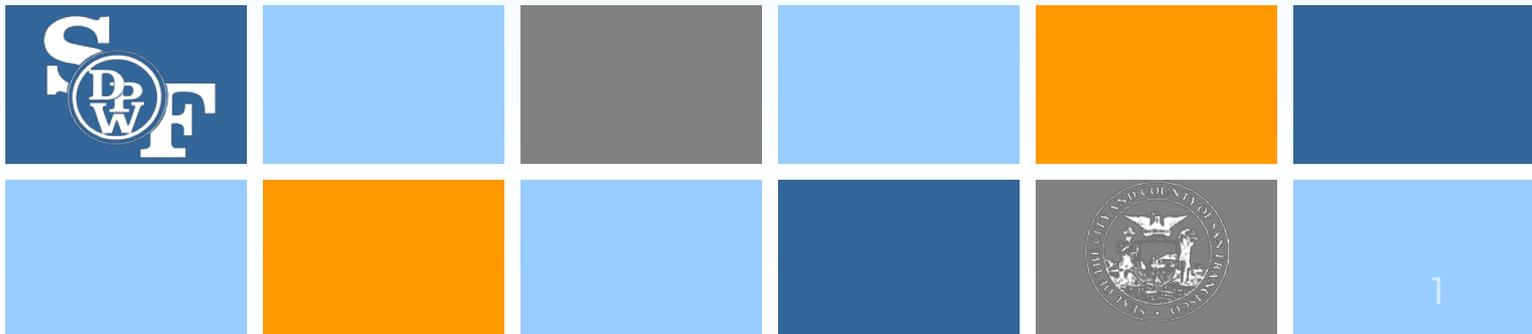
October 15, 2012

### Agenda:

- Program Overview
- Informational Presentation



**EARTHQUAKE SAFETY AND EMERGENCY RESPONSE BOND**



# Earthquake Safety & Emergency Response (ESER 1) Bond



Earthquake Safety & Emergency Response Bond

## **\$412.3M General Obligation Bond Authorized in June 2010 with approval by 79.4% of voters**

- Total budget for Neighborhood Fire Stations Portfolio: \$73.2M
- 3 Project Types: Focused Scope, Comprehensive, Seismic
- Fire Station #16 is a Seismic Project
- Fire Station #16 Total Project Budget: \$8.4M

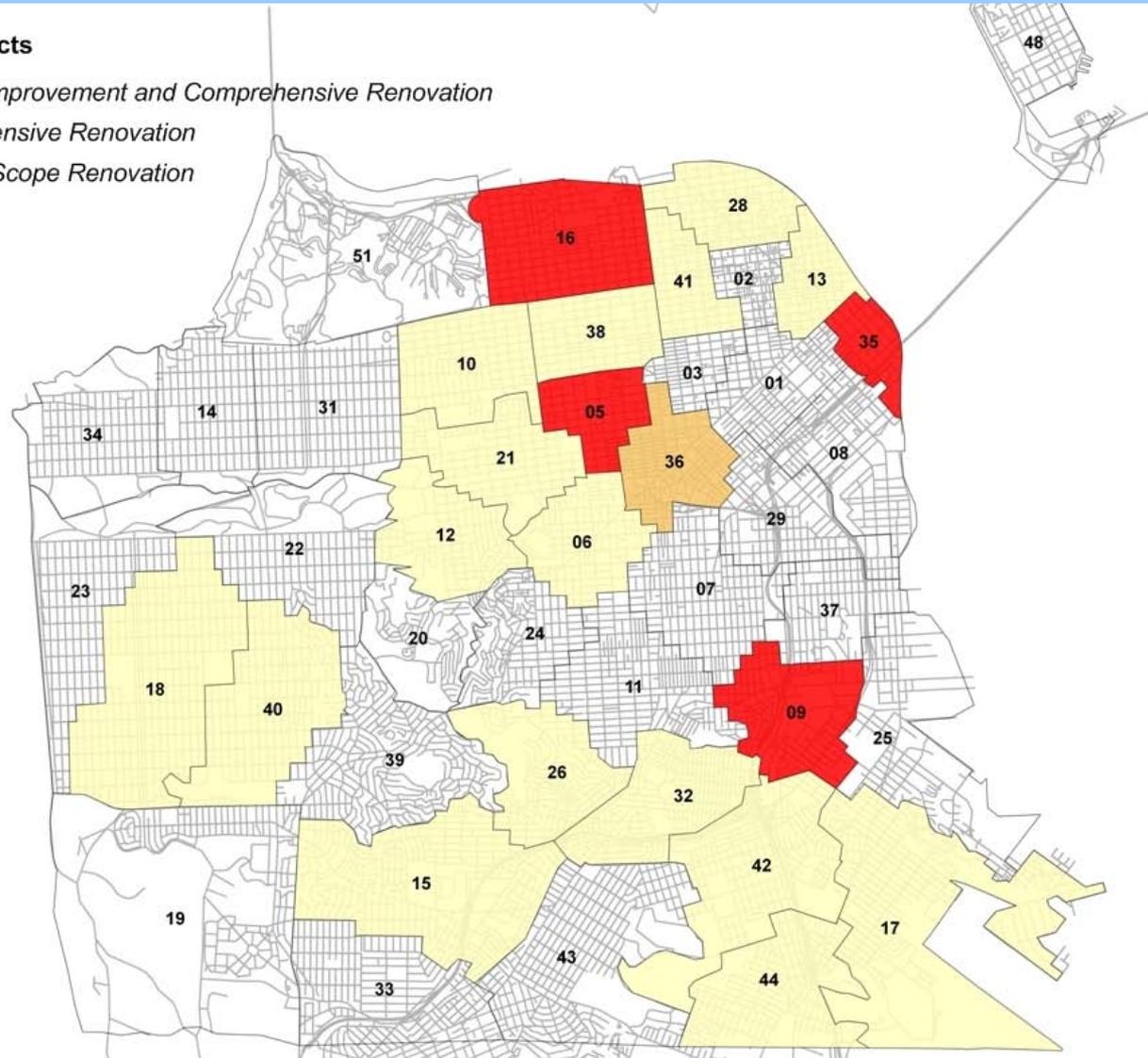
# ESER 1 Neighborhood Fire Stations Project Locations



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## Fire Station Projects

-  *Seismic Improvement and Comprehensive Renovation*
-  *Comprehensive Renovation*
-  *Focused Scope Renovation*



# ESER 1 Neighborhood Fire Stations Station #16 Efforts to Date



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## Fire Station #16 Reconstruction

- Pre-Design Assessment
- Historic Evaluation
- City Planning Status
- SFAC Public Art Program Status
- Community Outreach



# ESER 1 Neighborhood Fire Stations Station #16 Informational Presentation



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## General Description

- Fire Station No. 16 was built in 1938, located in District 2, on Greenwich Street between Steiner & Fillmore Streets
- The existing two story building currently accommodates two Apparatus Bays
- The proposed design will accommodate two Apparatus Bays for three fire trucks and 2 shifts of 8 firefighters with support services and sleeping quarters

# ESER 1 Neighborhood Fire Stations Station #16 Project Location



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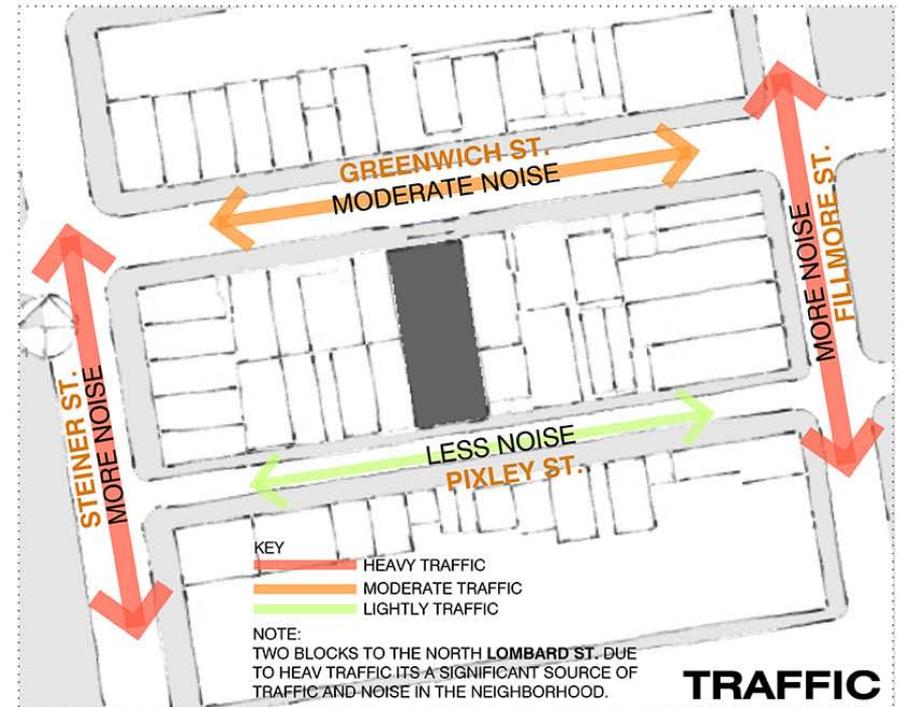
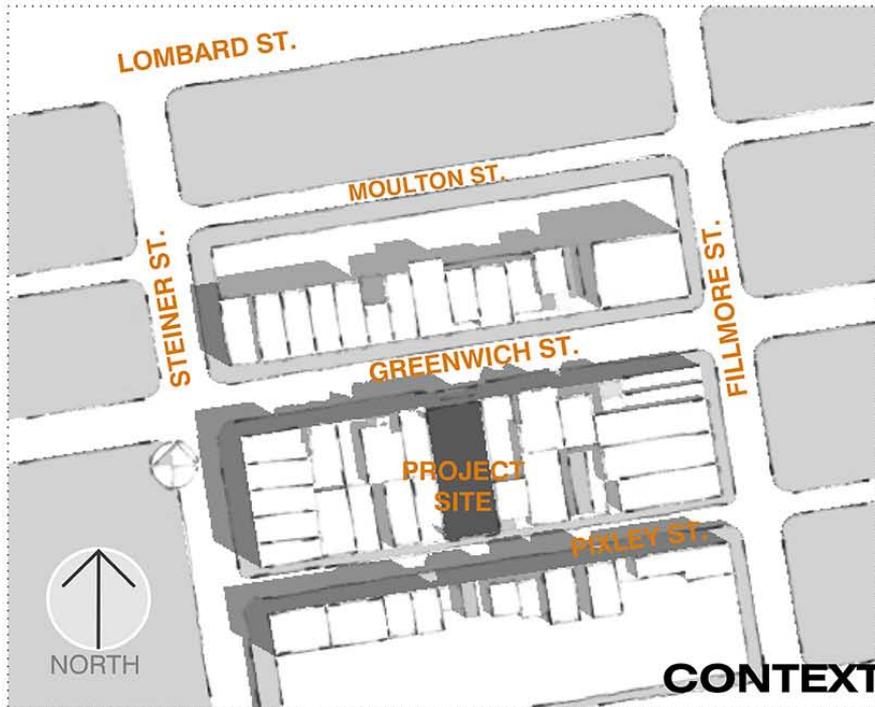


# ESER 1 Neighborhood Fire Stations Station #16 Site Analysis



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## Neighborhood Context

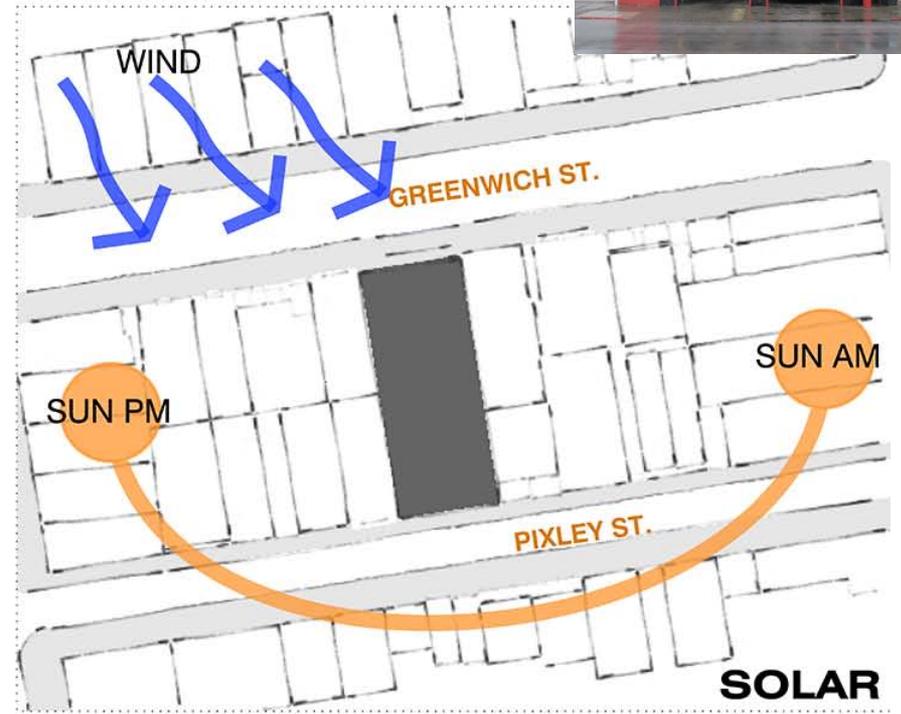
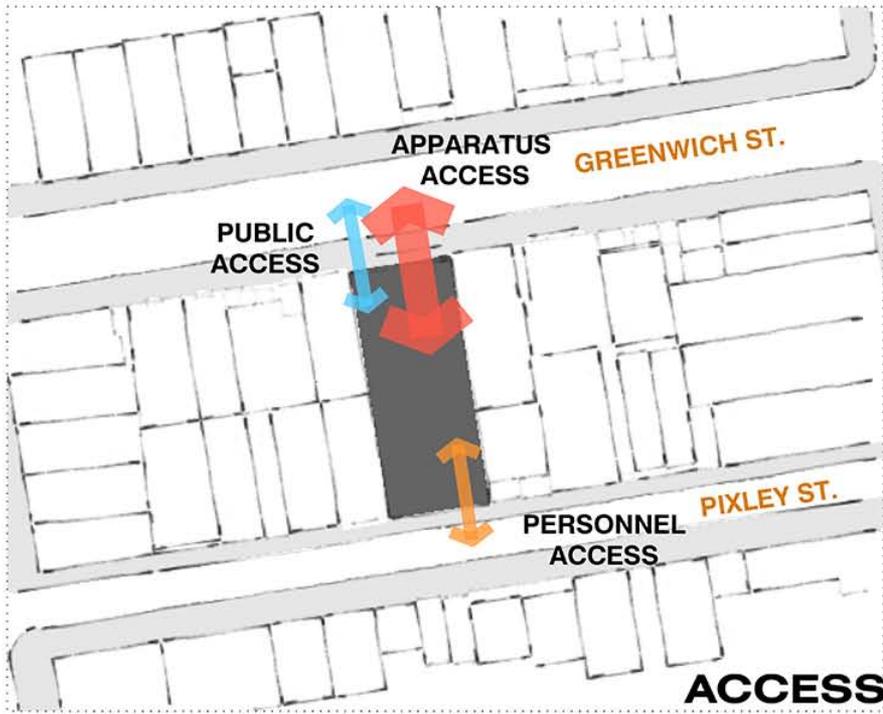


# ESER 1 Neighborhood Fire Stations Station #16 Site Analysis



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## Neighborhood Context



# ESER 1 Neighborhood Fire Stations Station #16 Site Analysis



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## Neighborhood Context



ADJACENT NEIGHBORHOOD TO THE EAST



ADJACENT NEIGHBORHOOD TO THE WEST



ADJACENT NEIGHBORHOOD TO THE EAST



ADJACENT NEIGHBORHOOD TO THE WEST

# ESER 1 Neighborhood Fire Stations Station #16 Site Analysis



Earthquake Safety & Emergency Response Bond

## Neighborhood Context



**ACROSS THE STREET TO THE WEST**



**ACROSS THE STREET TO THE EAST**

# ESER 1 Neighborhood Fire Stations Station #16 Site Analysis



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## Neighborhood Context



# ESER 1 Neighborhood Fire Stations Station #16 Concept Presentation



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## Program Elements:

- First floor: Apparatus Bay & Support Services, Dining and Kitchen
- Mezzanine Storage
- Second floor: Sleeping quarters, Bedrooms, Bathrooms, Exercise and Day room, Laundry and Support areas
- Utility spaces: Mechanical room, Telecom & Electrical rooms
- Roof spaces: Mechanical equipment and Emergency generator

# ESER 1 Neighborhood Fire Stations Station #16 Informational Presentation



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## Project Information:

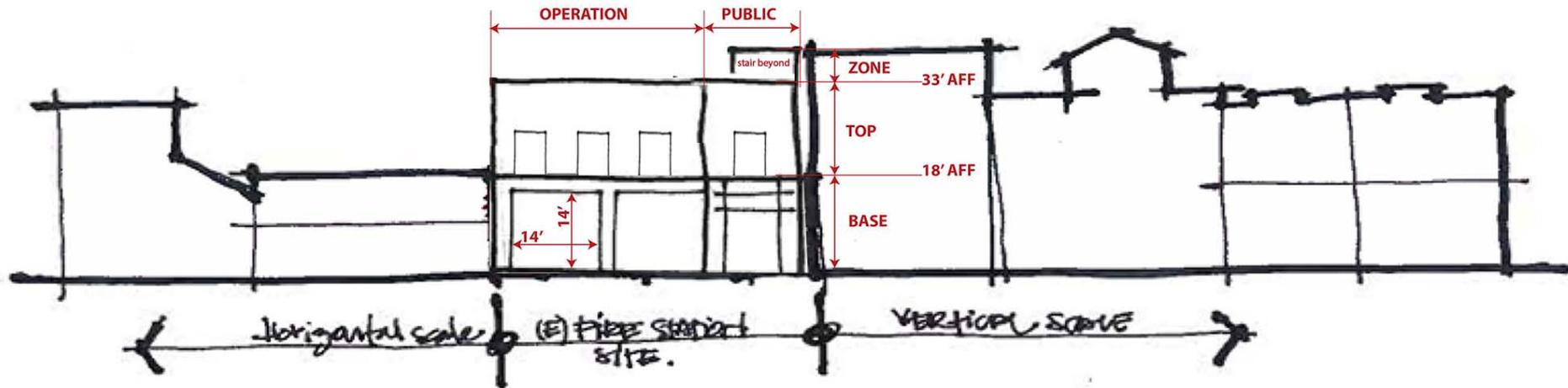
Address:	2251 Greenwich St. San Francisco, CA 94123
Block/ lot:	0515/ 031
Occupancy:	b
Zoning:	p (public)
Type of construction:	i-b
Height & bulk district:	40-x
Proposed building height:	33 ft
Set back:	not required.
Occupant load:	8 per shift
F.A.R.:	N/a
Lot width:	48 ft
Lot length:	120 ft
Lot area:	5,758 feet
Level 1 floor area:	5,730 sf.
Level 2 floor area:	4,668 sf.
Total building area:	10,398 sf.

# ESER 1 Neighborhood Fire Stations Station #16 Design Analysis



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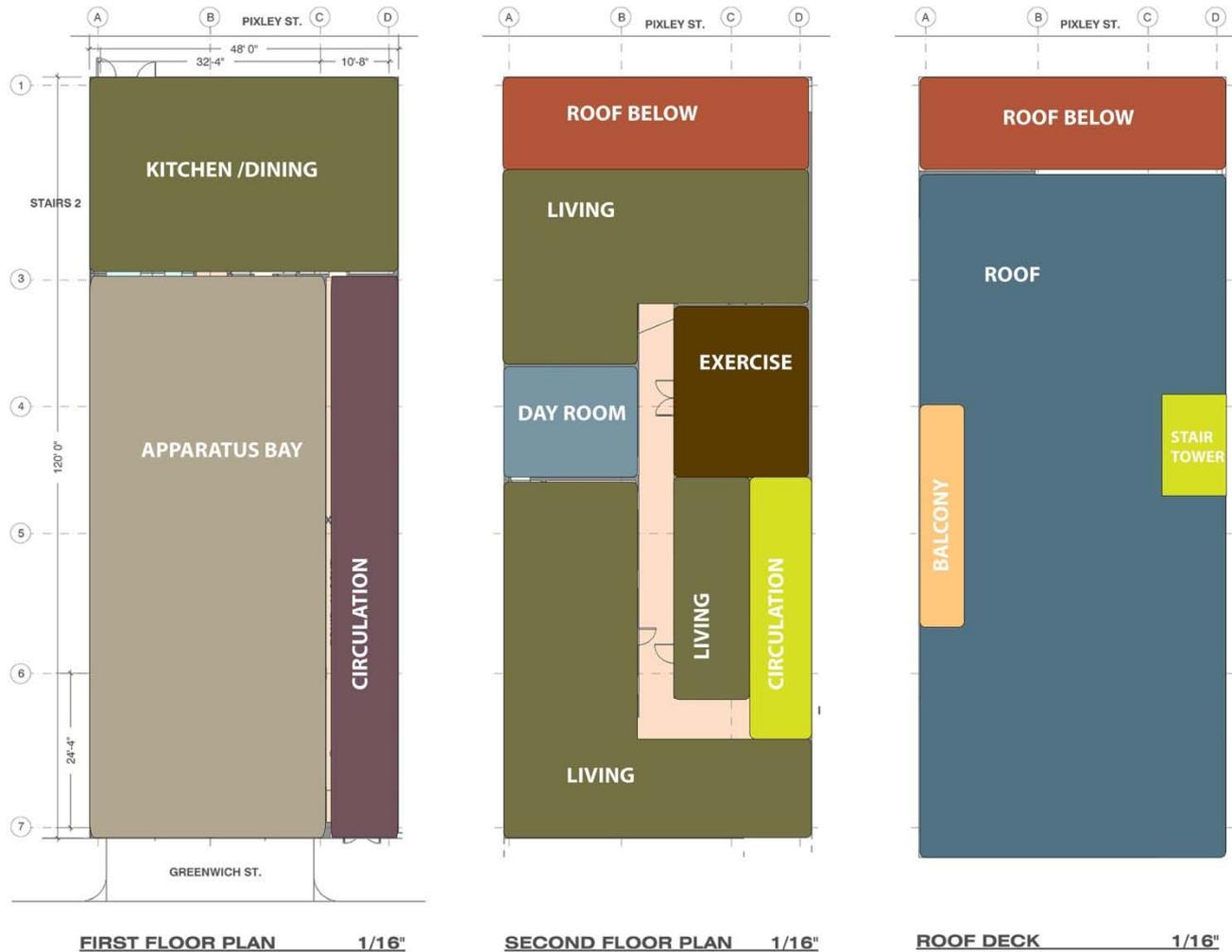
- Height
- Bulk
- Mass
- Fenestration / rhythm
- Materiality



# ESER 1 Neighborhood Fire Stations Station #16 Bubble Diagram



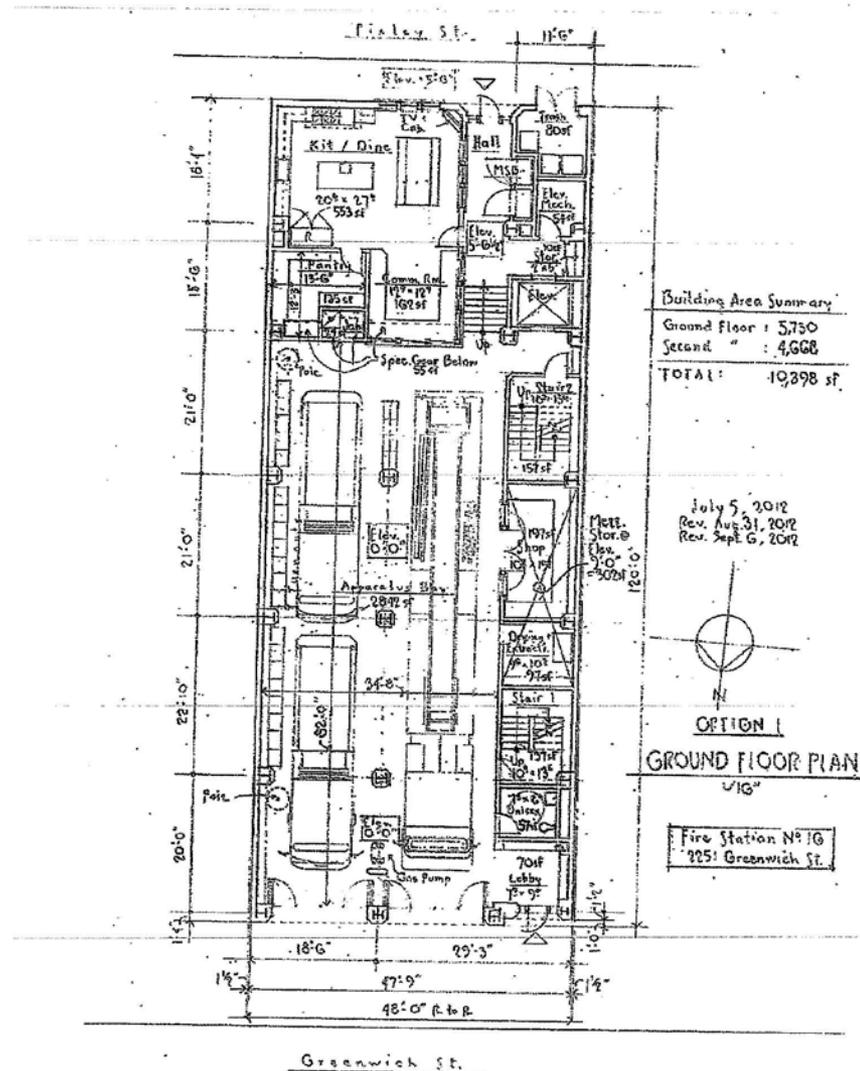
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# ESER 1 Neighborhood Fire Stations Station #16 First Floor Plan



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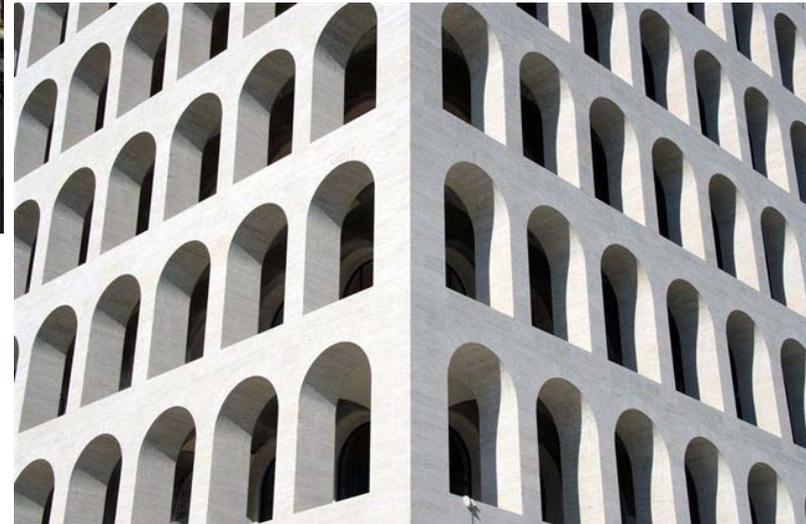
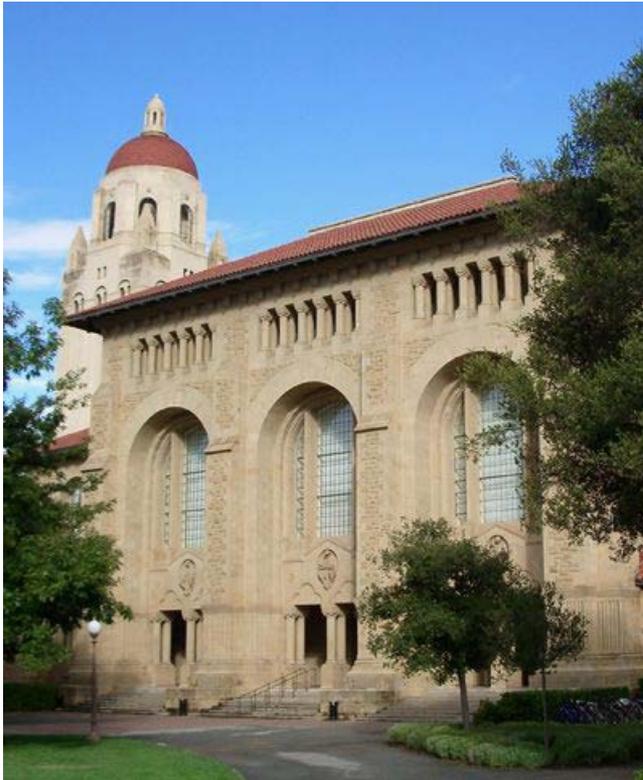




# ESER 1 Neighborhood Fire Stations Station #16 Design Inspirations

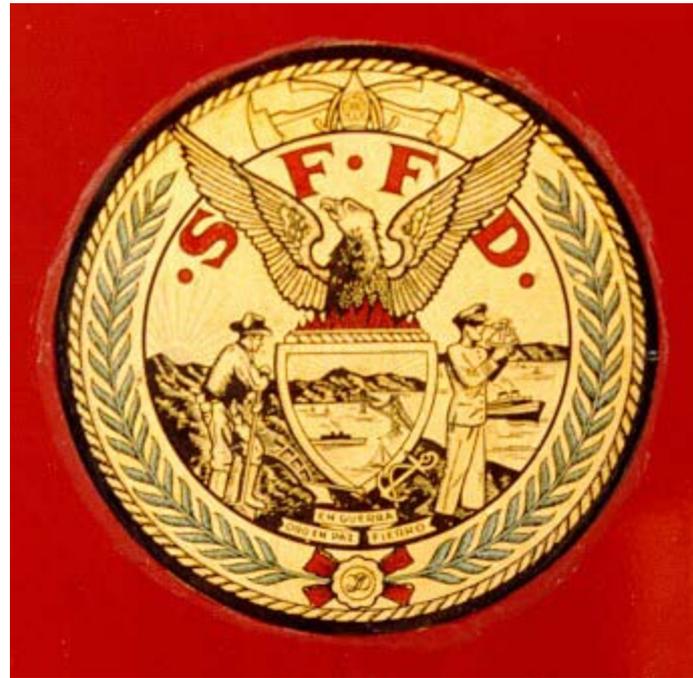


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## Questions – Discussion

[www.sfearthquakesafety.org](http://www.sfearthquakesafety.org)



# ESER 1 Neighborhood Fire Stations Station #16 Informational Presentation



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# ESER 1 Neighborhood Fire Stations Summary Project Schedule



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Activity ID	Activity Name	Original Duration	Start	Finish	2012												2013				2014				2015				2016				2017				2018		
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
<b>ESER 1 NFS Master Schedule - Modified (4/11/...</b>					1531	10/17/11 A	11/13/17																																
<b>Project Milestones</b>					0	2/29/12 A	2/29/12 A																																
A1035	DPW Presentation to SFFD	0		2/29/12 A	◆ DPW: Presentation to SFFD, 2/29/12 A																																		
<b>Focused Scope Projects</b>					685	10/17/11 A	8/15/14																																
Roofs		214	10/17/11 A	10/25/12	[Gantt bar]																																		
Exterior Envelope		202	11/21/11 A	11/8/12	[Gantt bar]																																		
Showers		373	11/28/11 A	8/14/13	[Gantt bar]																																		
Mechanical		179	4/4/12	12/10/12	[Gantt bar]																																		
Generator Replacement (Design Build)		637	2/1/12 A	8/15/14	[Gantt bar]																																		
<b>Station Closures</b>					1483	3/1/12 A	11/13/17																																
<b>Station Closures Summary</b>					1257	1/18/13	11/13/17																																
A34250	Station 44 - Closure	165	1/18/13	9/5/13	→ 9/5/13, Station 44 - Closure																																		
A34240	Station 36 - Closure	327	5/1/13	7/31/14	→ 7/31/14, Station 36 - Closure																																		
A34220	Station 16 - Closure	404	7/4/14	1/20/16	→ 1/20/16, Station 16 - Closure																																		
A34230	Station 5 - Closure	468	1/28/16	11/13/17	→ 11/13/17, Station 5 - Closure																																		
<b>Comprehensive Repair (Station 36)</b>					626	3/1/12 A	7/31/14																																
<b>Preconstruction</b>					389	3/1/12 A	9/3/13																																
<b>Construction</b>					327	5/1/13	7/31/14																																
<b>Station 44 - Focused Scope</b>					391	3/1/12 A	9/5/13																																
<b>Preconstruction</b>					221	3/1/12 A	1/10/13																																
<b>Construction</b>					170	1/11/13	9/5/13																																
<b>Comprehensive &amp; Seismic Repair (Stations 5/16)</b>					1483	3/1/12 A	11/13/17																																
<b>Station 5</b>					1483	3/1/12 A	11/13/17																																
<b>Preconstruction</b>					1015	3/1/12 A	1/27/16																																
<b>Construction</b>					473	1/21/16	11/13/17																																
<b>Station 16</b>					1010	3/1/12 A	1/20/16																																
<b>Preconstruction</b>					665	3/1/12 A	9/24/14																																
<b>Construction</b>					409	6/27/14	1/20/16																																
<b>New Projects</b>					1448	3/1/12 A	10/20/17																																
<b>Fireboat Station</b>					1448	4/4/12	10/20/17																																
<b>Preconstruction</b>					900	4/4/12	9/15/15																																
<b>Construction</b>					548	9/16/15	10/20/17																																
<b>Logistics Center</b>					803	3/1/12 A	8/27/15																																
<b>Analysis</b>					803	3/1/12 A	8/27/15																																