City of Seattle Neighborhood Fire Station 9

MITHŪN

Committee on Built Environment Review - Construction Documents July 27, 2011

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Fire Station 9

3829 Linden Avenue N

Located along Linden Ave N. between N. 38th Street and 39th Street, in Fremont

Station type - Neighborhood I (the smallest of all stations)

Replacement station - The existing station is in poor condition due to its age. Replacement would be more cost-effective than remodel.

Station 9 will be rebuilt on the site of existing station and expanded from 5,700 sf to approx. 8,700 sf.

Station 9 will continue to provide compressed air fill service for the North end. It will also continue to house one engine company.

An interim facility will be provided in different location during construction.

Sustainability goal - LEED silver or higher.

Peter Reiquam is the artist.

Currently, at Construction Document Phase.

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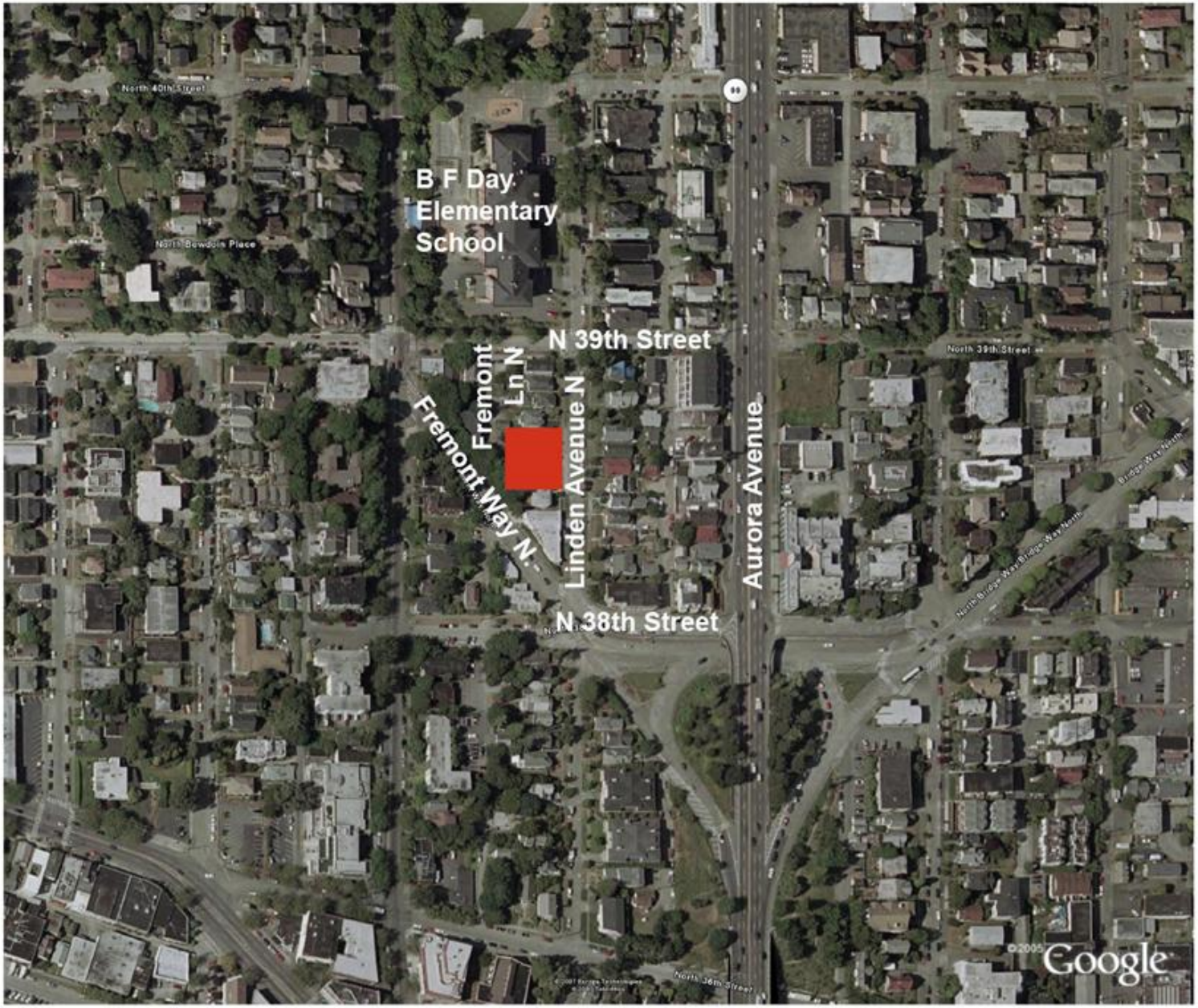

North

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Site Location

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looking west to Fire Station 9 site & adjacent buildings

looking east along Fremont Way N.

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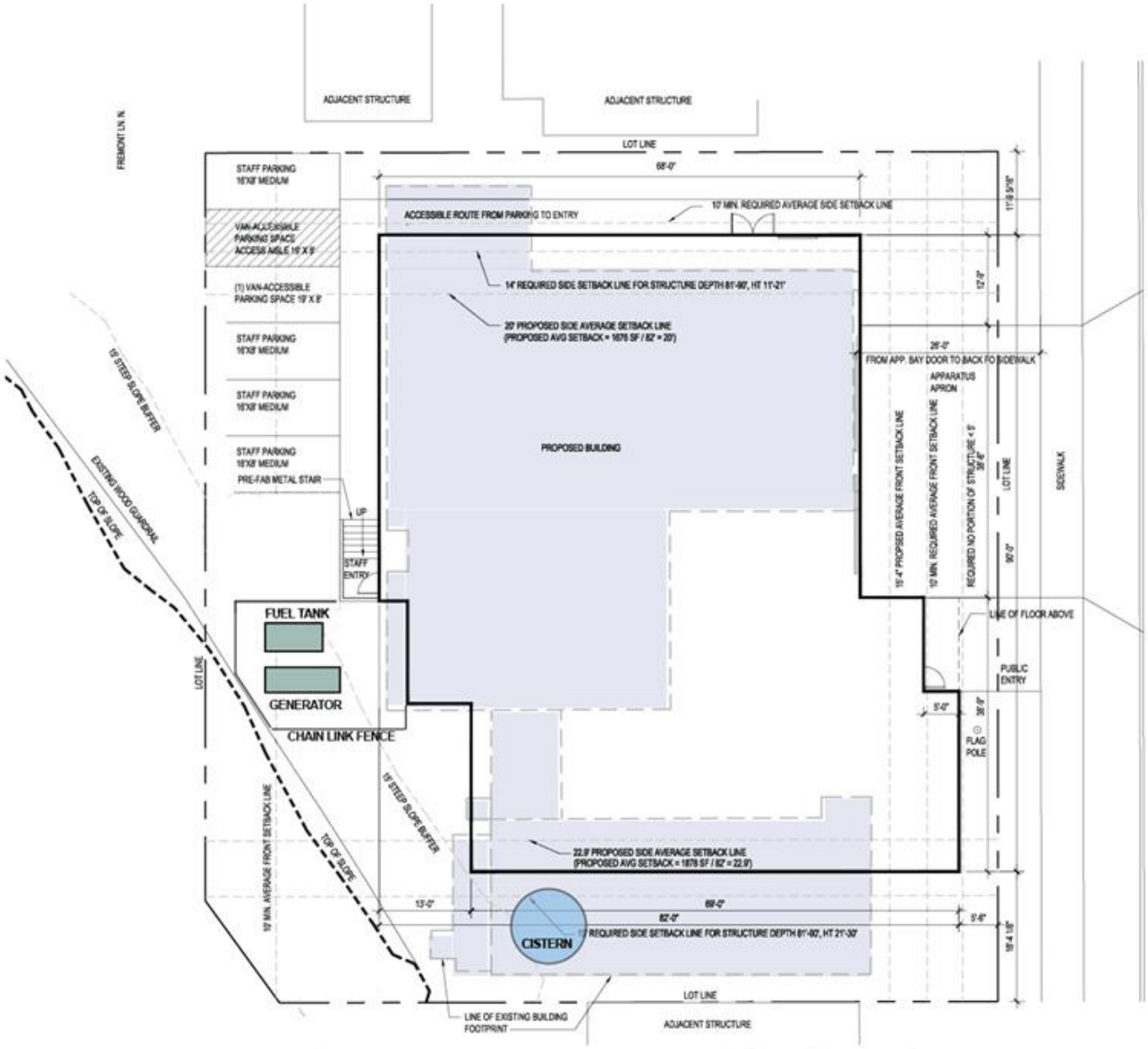

CITY OF SEATTLE FIRE STATION 9 | **Site Plan**

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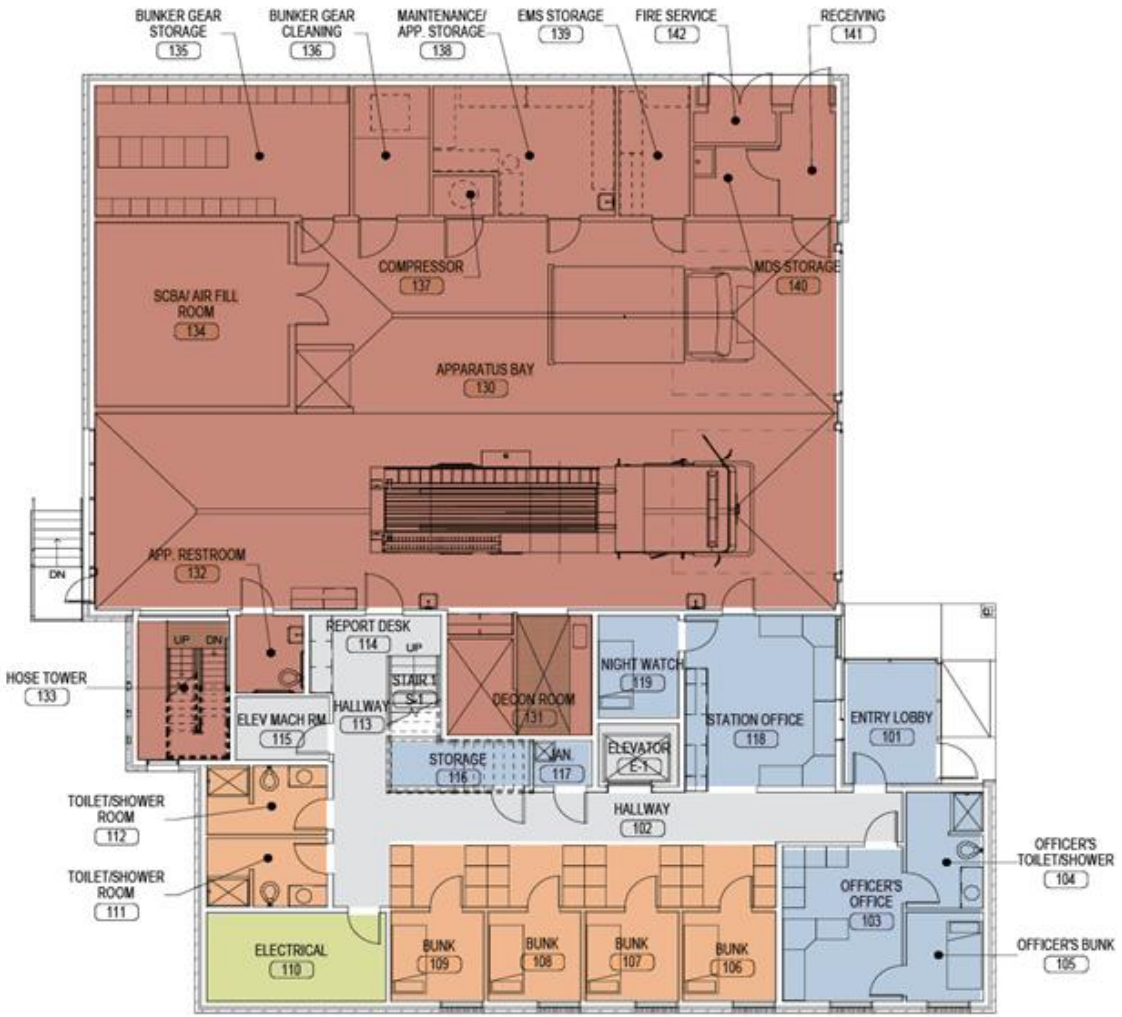

Response to program

Compact building footprint

All operation support spaces are accessed directly from Apparatus Bay.

All sleep rooms are located on 1st floor for quick response time.

Rest of crew spaces & outdoor beanery area are located on 2nd floor to take advantage of city view & stay away from traffic noise from Fremont Way N.

Extra wide "L" shaped open stair is designed for quick response time with visual connection & min. turns.

Public Lobby & Physical Training are more visible while the rest spaces are more private.

OPERATION ADMINISTRATION CREW AREA EQUIPMENT CIRCULATION

North

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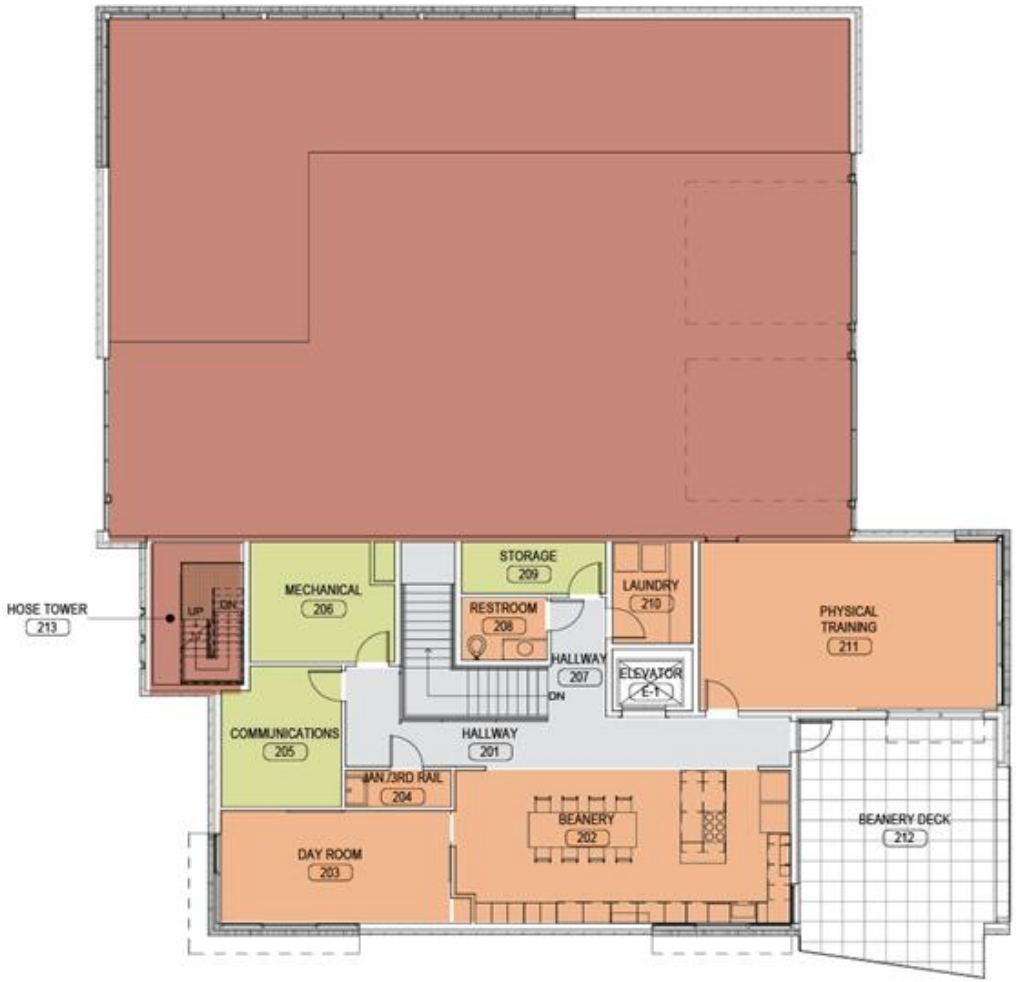

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OPERATION ADMINISTRATION CREW AREA EQUIPMENT CIRCULATION

North

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East Elevation

West Elevation

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South Elevation

North Elevation

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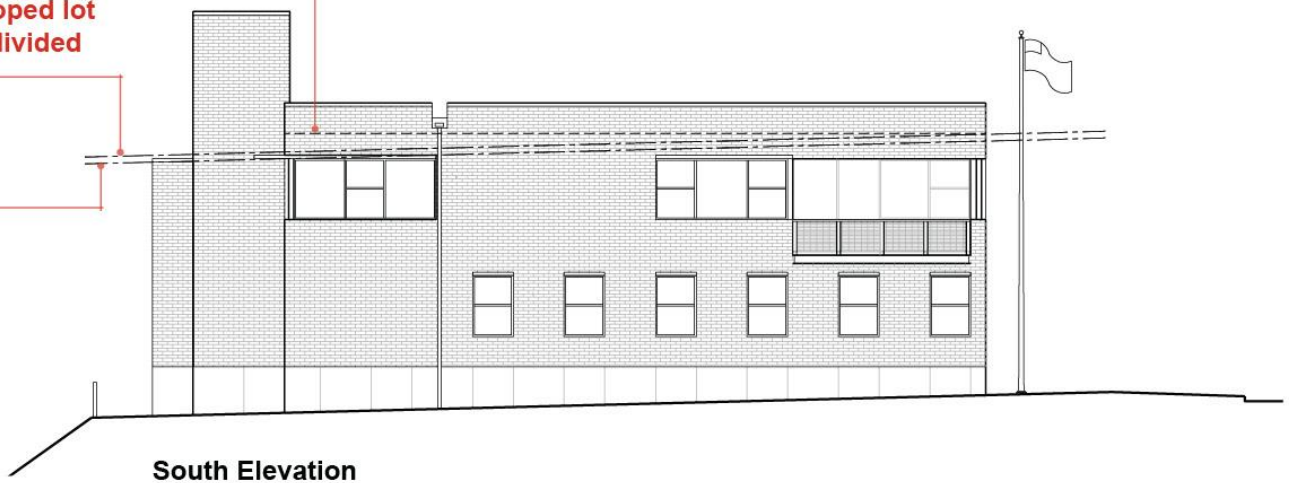
Top of proposed roof structure

Additional height on sloped lot (percent of slope - 4% divided by 6 = 4/6 = 8")

L1 zone max. building height limit 25'



South Elevation

Top of proposed roof structure

Additional height on sloped lot (percent of slope - 5% divided by 6 = 5/6 = 10")

L1 zone max. building height limit 25'

West Elevation

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4 - 1 - 2 - 8 Fremont Ave N & N 43rd St

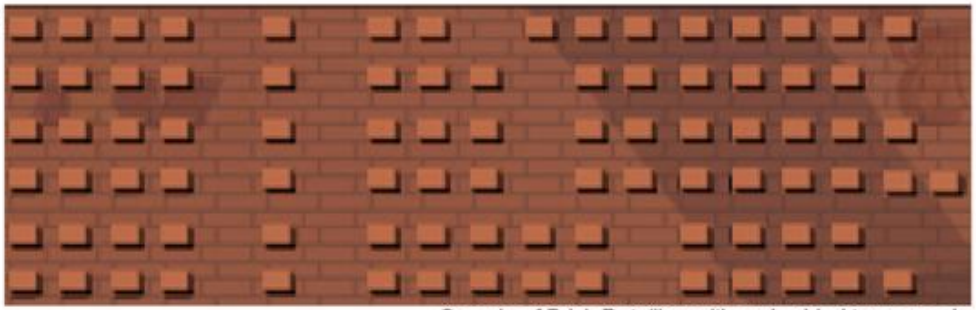
4 - 1 - 3 - 6 Francis Ave N & N 43rd St

4 - 1 - 3 - 7 Phinney Ave N & N 45th St

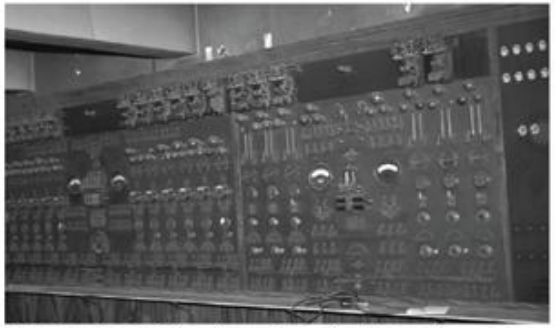
4 - 1 - 3 - 8 Linden Ave N & N 39th St

4 - 1 - 5 - 4 6th Ave NW & Leary Way NW

4 - 1 - 5 - 5 Leary Way NW & NW 44th St



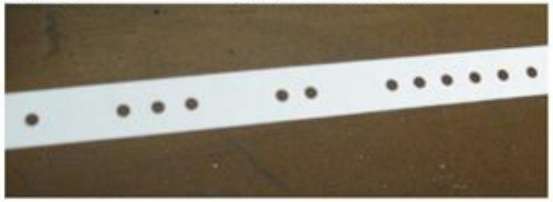
Sample of Brick Detailing with embedded tapper code



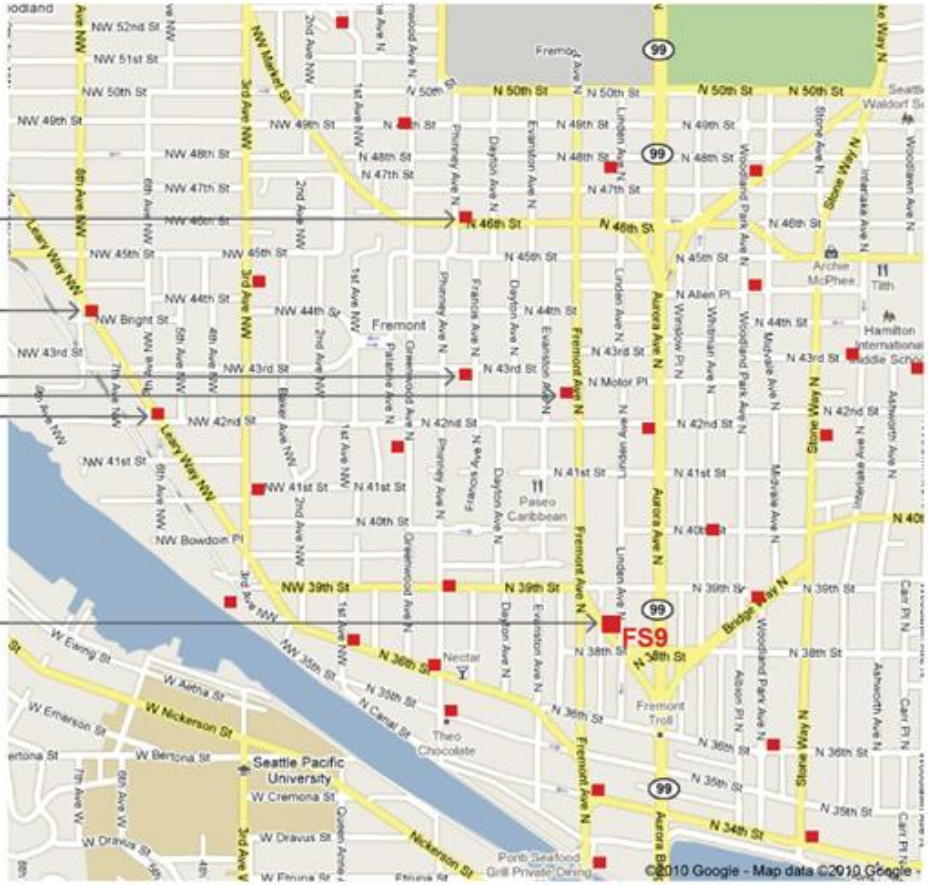
Historic photo of the Alarm Box Circuit Board

Pull Box

Address card catalog



Tapper Code "1-3-2-6" punched on reel tape



Map of Pull Boxes locations in Fire Station 9 service area

CITY OF SEATTLE FIRE STATION 9 | **Tapper Code Brick Details**

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Development Standard	Required	Proposed	Modification
SMC 23.45.009 Structure Height	25 feet height limit for flat roofs, with an additional 10 feet in height allowed for stair penthouses	28 feet at the top of the flat roof and 39 feet at the top of the stair penthouse.	3 feet additional height to the top of the roof; 4 feet additional height for the stair penthouse
SMC 23.45.009 Height for flag pole	Freestanding flagpoles... are exempt from height controls...provided they are no closer to any lot line than 50 percent of their height above existing grade.	The proposed 45 foot flag pole would need to be 22 ½ feet from any property line.	Allow the proposed 45 foot tall flag pole to be 1 foot 10 inches from the front property line.
SMC 23.45.570D Structure Width	45 feet without modulation or landscape option 75 feet with modulation or landscape option	91 feet 8 inches, meeting modulation option	16 feet 8 inches over maximum allowed structure width
SMC 23.45.570E Structure Depth	65% of lot depth, or 72 feet 8 inches	75% of lot depth, or 84 feet 4 inches	10%, or 11 feet 8 inches
SMC 23.45.570F1 Front Setback	19 feet 6 inches	12 feet 5 inches	7 foot 1 inch reduction
SMC 23.45.570F3 Side Setback	No features of an Institution allowed in a side setback	Allow cisterns for rainwater collection in a side setback	Waiver