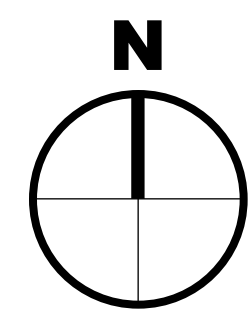


show us where you live?



**show us
where you live**
please put a dot on
your home



aerial map



City of Vancouver - Firehall No. 5 - Public Presentation - Schematic Design

johnston davidson architecture + planning inc. suite 203 - 128 west pender street, vancouver, bc v6b 1r8 t. 604.684.3338 f. 604.684.3600 www.jdarch.ca

TEMPORARY FIREHALL

I go to the west park :

Monday	am
	mid
	pm
Tuesday	am
	mid
	pm
Wednesday	am
	mid
	pm
Thursday	am
	mid
	pm
Friday	am
	mid
	pm
Saturday	am
	mid
	pm
Sunday	am
	mid
	pm

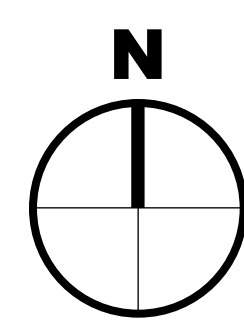


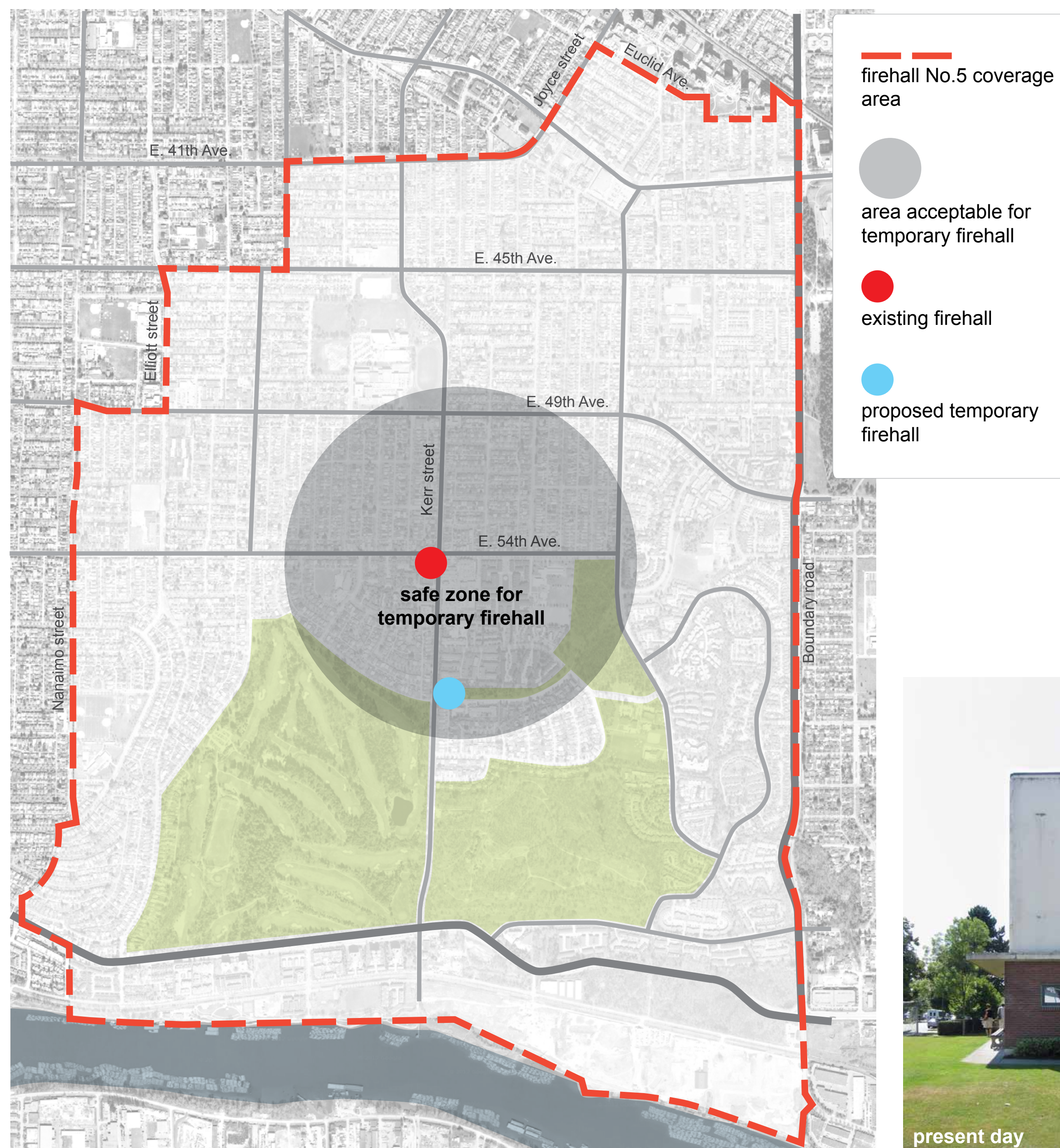
I go to the east park :

Monday	am
	mid
	pm
Tuesday	am
	mid
	pm
Wednesday	am
	mid
	pm
Thursday	am
	mid
	pm
Friday	am
	mid
	pm
Saturday	am
	mid
	pm
Sunday	am
	mid
	pm

help us to get to know you

- How does it work :**
- Use blue dot for east and yellow dot for west.
 - Put the dots on the week schedule according to your weekly use.
 - Fill out notes for how you use the park: jog, walk, dog walk, shortcut, hangout, etc





temporary firehall No.5

Why do we need a temporary firehall?

- The current firehall No.5 needs to be replaced, while that happens a temporary firehall for the crews and equipment needs to be provided.

Why here?

- The locations we are considering are within the central zone of Fire District 5. It is important to be in this zone so that quick response to all parts of the district is maintained.

How long?

- It is expected that the reconstruction will take about one year, the deconstruction of the existing firehall will take 1-2 months. During this time the temporary firehall will be operating. Additionally there will be time to set up the hall, and time to remove the hall and restore the landscape.
- Return park to original condition immediately after it is vacated.

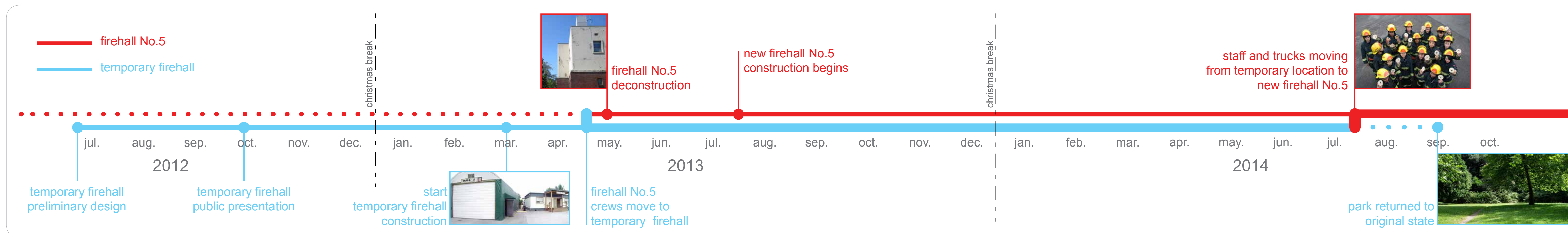
new firehall No.5

Why do we need to replace firehall No.5?

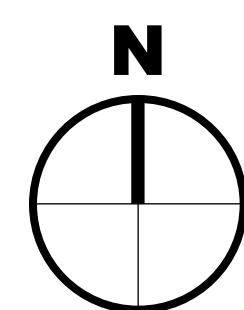
- The seismic resistance of the structure is well below current standards - a strong earthquake could make the building unusable.
- The firetrucks are larger and heavier - larger truck bays are needed.
- The driveway is too short: pedestrians are diverted onto 54th (with safety cones) when the truck is parked outside – this must happen daily as checks on the equipment need to be done outside
- The community is growing - an additional ladder truck and extra crew will be needed in a few years as the East Fraser Lands are constructed.
- The accommodation needs to keep up with changing standards - more space for larger trucks, for staff training, keeping fit and a mask repair workshop that will maintain all self-contained breathing apparatus for the entire department.
- Space is needed for staff training and for public courses provided by the fire department in CPR, first aid training and blood pressure clinics.

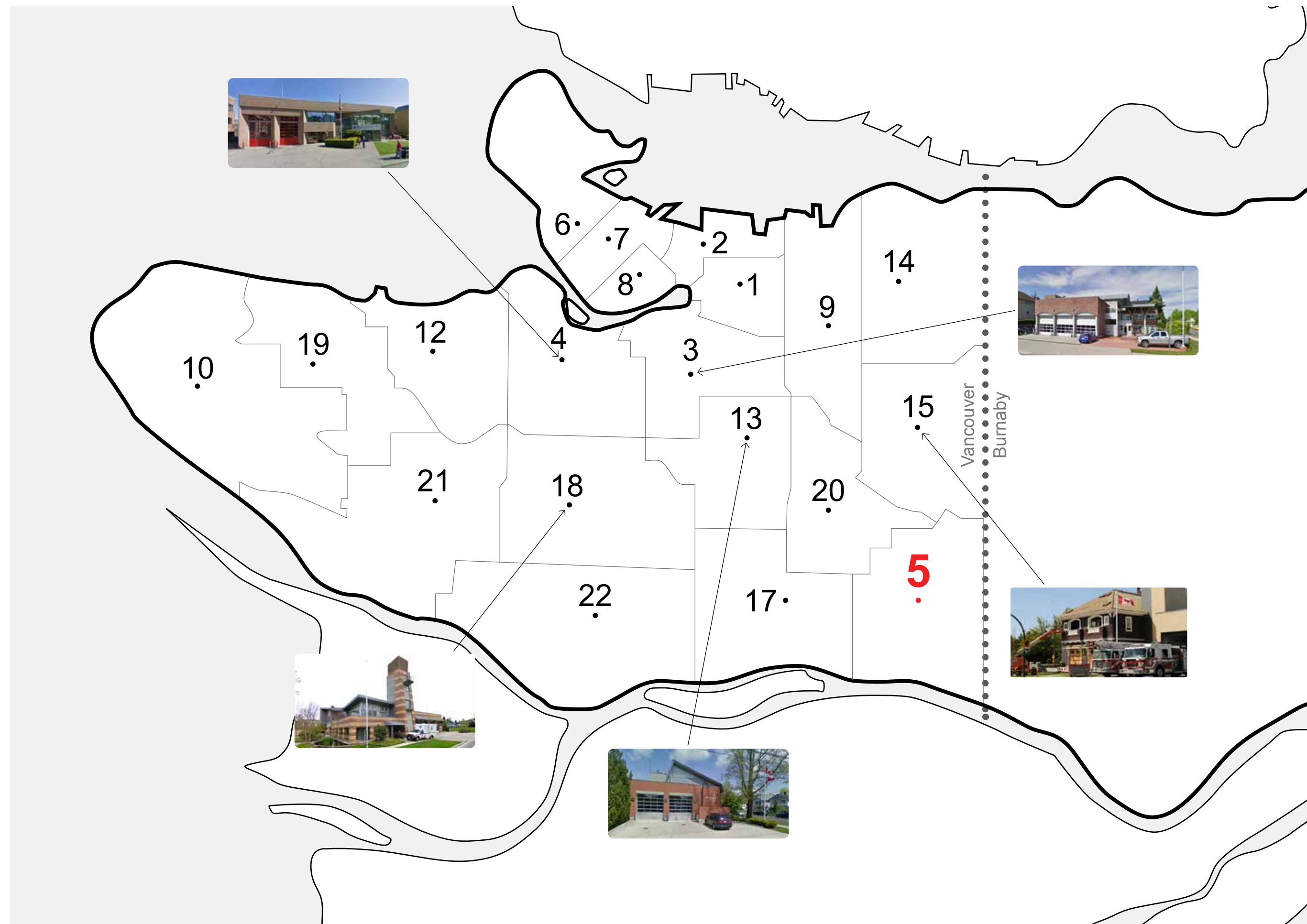
where

change as part of firehall No.5 history



when and how long





Vancouver firehall location

Vancouver Firehalls

- No. 1 / Strathcona / 900 Heatley Avenue (Headquarters)
- No. 2 / Downtown Eastside / 199 Main Street
- No. 3 / Mount Pleasant / 2801 Quebec Street
- No. 4 / Fairview / 1475 West 10th Avenue
- No. 5 / Champlain / 3090 East 54th Avenue (1952)**
- No. 6 / West End / 1001 Nicola Street
- No. 7 / Downtown / 1090 Haro Street
- No. 8 / Yaletown / 895 Hamilton Street
- No. 9 / Grandview Woodland / 1805 Victoria Drive
- No. 10 / University / 2992 Wesbrook Mall
- No. 12 / Kitsilano / 2460 Balaclava Street
- No. 13 / Riley Park / 4013 Prince Albert
- No. 14 / Hastings Sunrise / 2804 Venables Street
- No. 15 / Renfrew / 3003 East 22nd Avenue
- No. 17 / Fraserview / 7070 Knight Street
- No. 18 / Shaughnessy / 1375 West 38th Avenue
- No. 19 / West Point Grey / 4396 West 12th Avenue
- No. 20 / Victoria / 5402 Victoria Drive
- No. 21 / Kerrisdale / 5425 Carnarvon Street
- No. 22 / Marpole / 1005 West 59th Avenue

vancouver fire and rescue services information

established in 1886

more than 800 people working at 22 firehalls, the training centre and headquarters

10 firehalls... only 4 are less than 15 years old

firehall No.5 statistics

- 4.4** calls a day
- 1000** medical responses
- 200** fire alarm activated
- 150** motor vehicle incidents
- 85** public service
- 75** fires with damage
- 30** false alarms
- +/- 1600** total responses a year
- 30** border coverage
- 15** public hazard
- 10** hazardous materials

In a 24 hour period, call volume is at its lowest between 11:00pm at night and slowly decreasing until increasing after 5:00am peaking at approximately 1:00pm, followed by a slight drop before reaching a second peak between 9:00pm and 11:00pm before returning to it's typical low period.

firehall No.5 trucks



engine / pump

This equipment has larger high volume pumps and water tanks for structure, rubbish, wildlands interface and car fires; emergency medical response; emergency response for motor vehicle accidents - auto extraction tools; low level hazardous responses; public service calls; equipment transportation - hose, ground ladders, ventilation equipment, auxiliary power supplies; premise inspections.



quint / ladder truck

This vehicle addresses structure, car and rubbish fires - (smaller pumps and water tanks than engines) - aerial rescue operations, elevated water streams for exposures and fire suppression, salvage and overhaul public service calls, emergency motor vehicle accidents - auto extraction, equipment transportation - hose, salvage equipment, auxiliary power supplies, and ventilation fans.



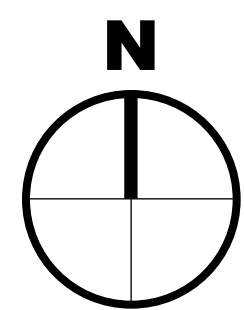
wildland

Off-road vehicle for wildland interface fires - water tank, foam and forestry hose; medical cross over - carries medical supplies and equipment.

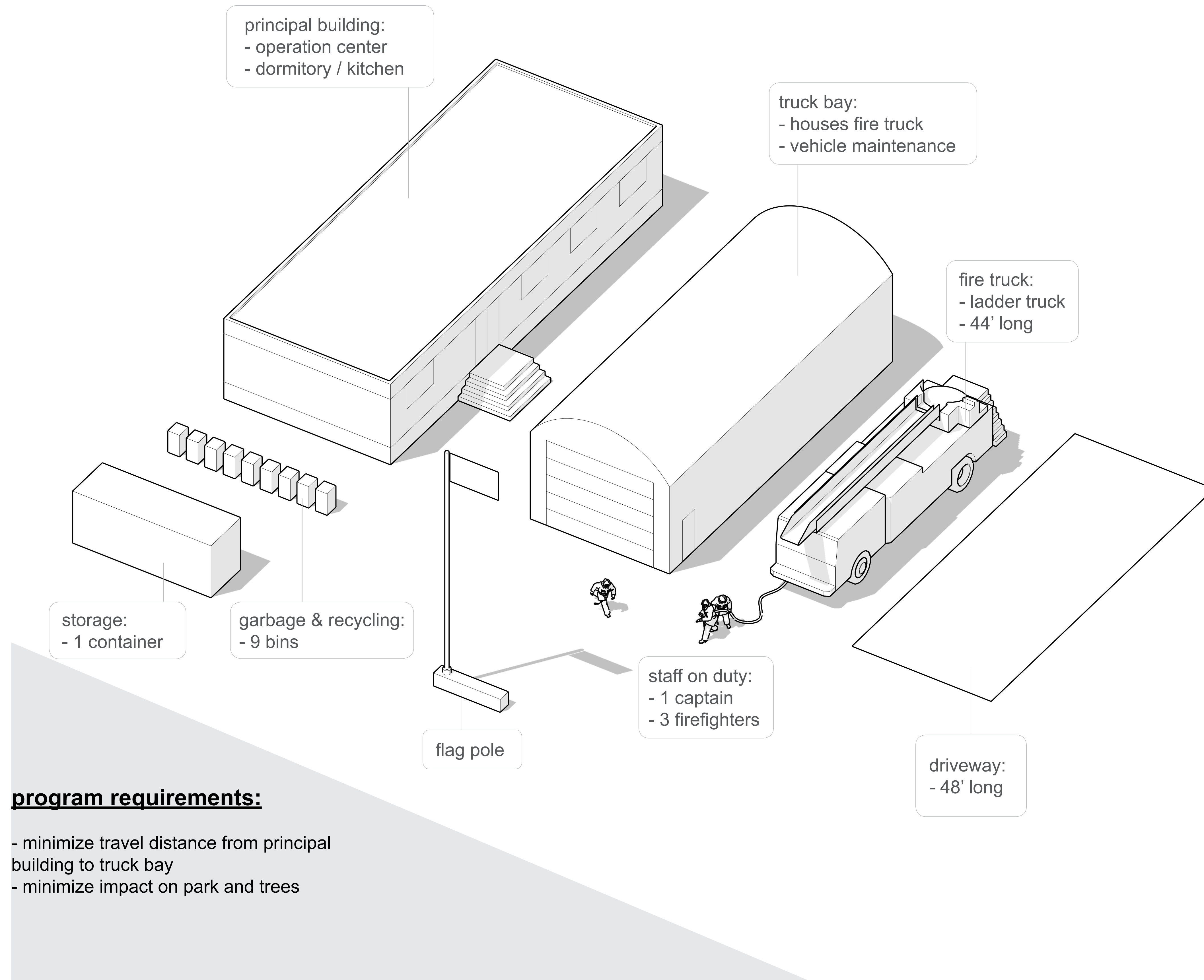


firehall No. 5 fact

You can see that the unit takes up the length of the ramp requiring pedestrians to walk out onto the road to get around the truck. The parking area beside the hall is on a steep grade what isn't good for checking the truck over (pretrips). This particular unit was struck once when a cube van hit the tip of the Ladder in front of the firehall.



temporary firehall No.5 components



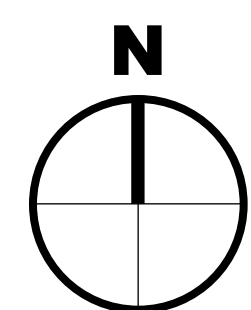
principal building



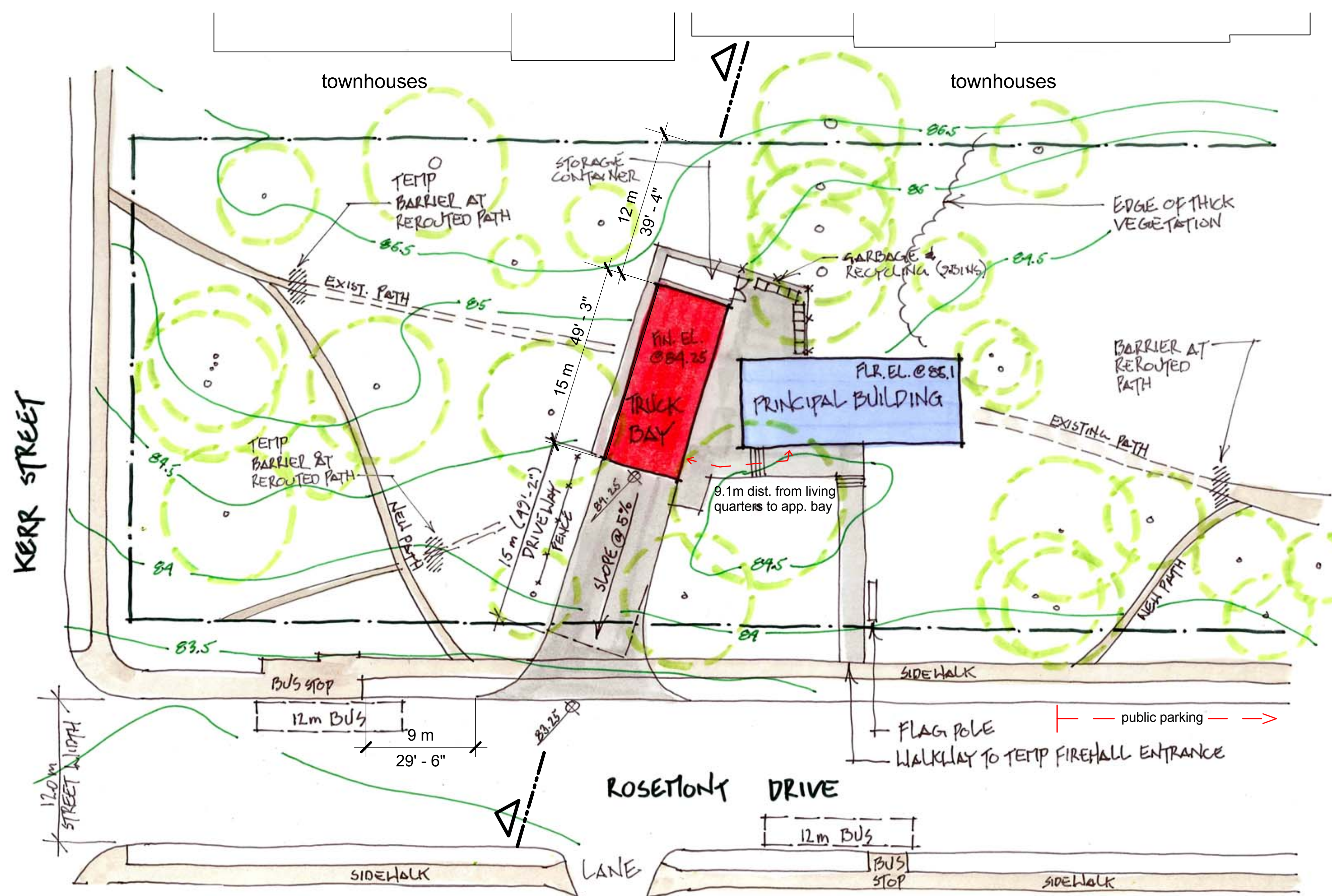
truck bay



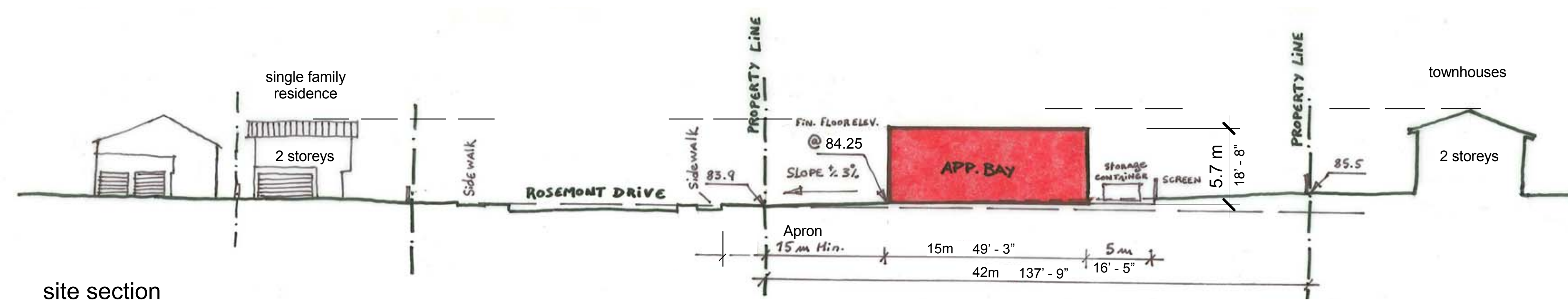
Expected pattern of response for temporary firehall based on actual calls. Majority of trips north on Kerr street.



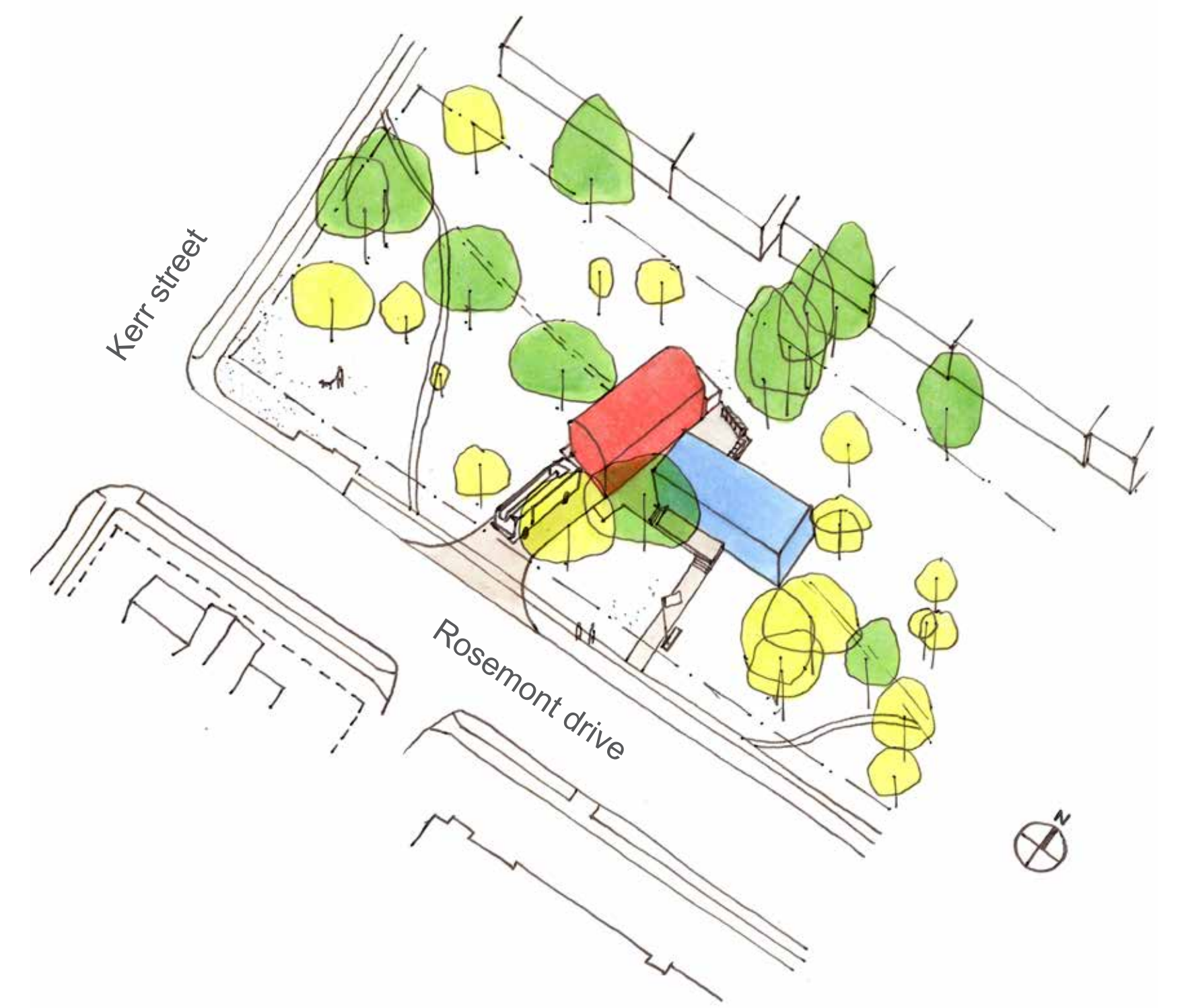
option A east site



site plan sketch



site section



perspective sketch

VFRS comments

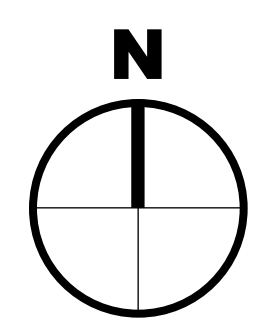
- Meets all operational needs for a temporary firehall.
- As soon as vacated the temporary firehall it will immediately be removed and the park will be restored.

Pros - Community

- All existing park trees remain; some lower limbs will need pruning.
- Few residences impacted by headlights (note that overnight calls are less common in this fire district).

Cons - Community

- Temporary Firehall interrupts existing paths.
- Some exhaust fan noise behind the Truck Bay will be heard by residents behind the firehall - this is exhaust equipment that runs for 3-5 minutes after the firetruck leaves.
- Some noise: twice a day, at the start of each shift, when the firetruck is driven onto the driveway and the equipment is checked through - approx 15 minutes.
- Sirens average 4-5 times a day.
- One boulevard tree will be removed temporarily to a nursery and replanted once the firehall is removed.
- Two residences will see headlights (note that overnight calls are less common in this fire district).



option B

east site

VFRS comments

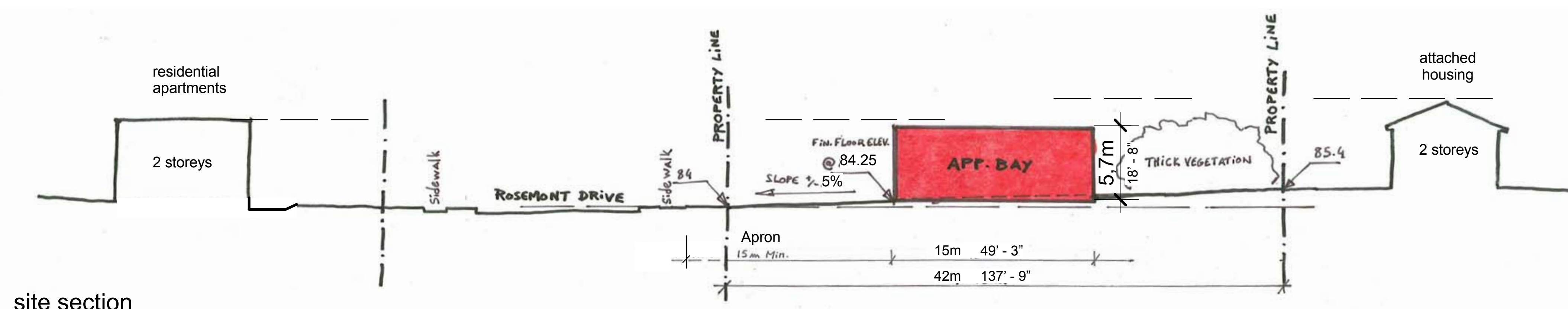
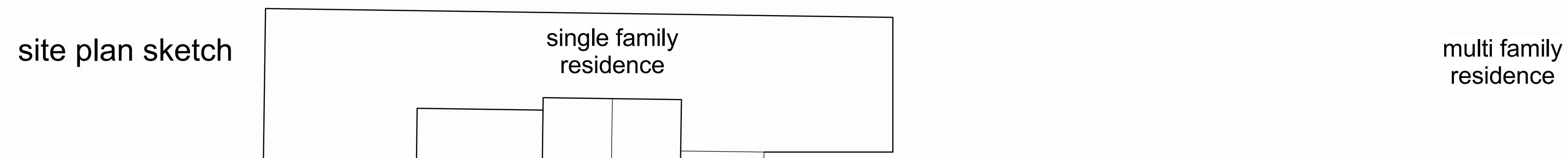
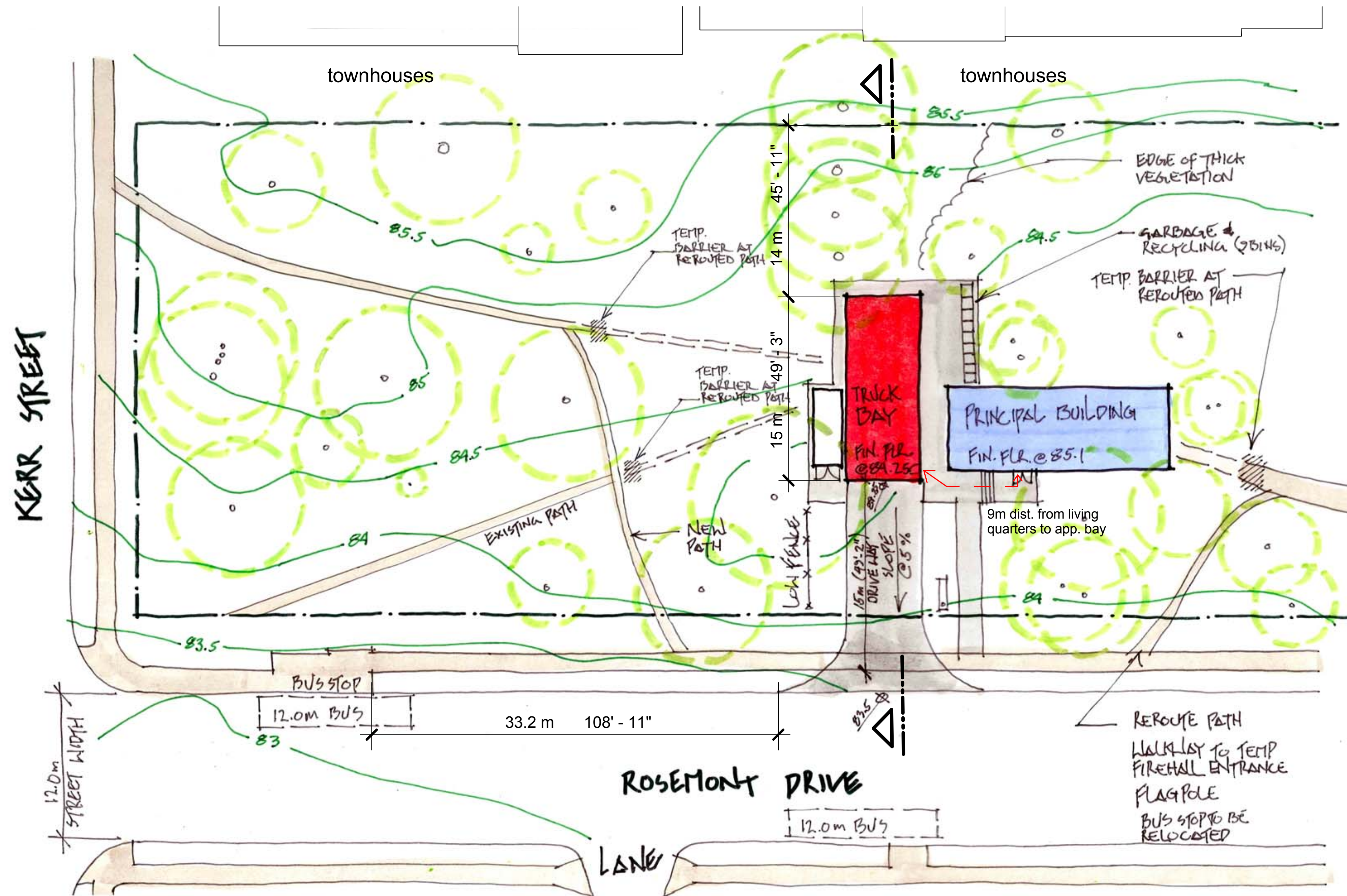
- Meets all operational needs for a temporary firehall.
- As soon as vacated the temporary firehall it will immediately be removed and the park will be restored.

Pros - Community

- No park trees will be removed; some lower limbs will need pruning.

Cons - Community

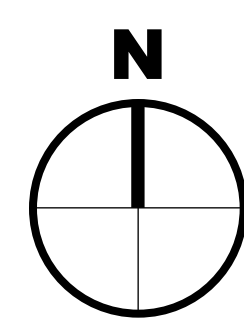
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- Some noise: twice a day, at the start of each shift, when the firetruck is driven onto the driveway and the equipment is checked through - approx 15 minutes.
- Sirens average 4-5 times a day.
- One boulevard tree will be removed temporarily to a nursery and replanted once the firehall is removed.
- Seniors' residence will see headlights (note that overnight calls are less common in this fire district).
- The bus stop on the south side of Rosemont will need to be relocated temporarily.



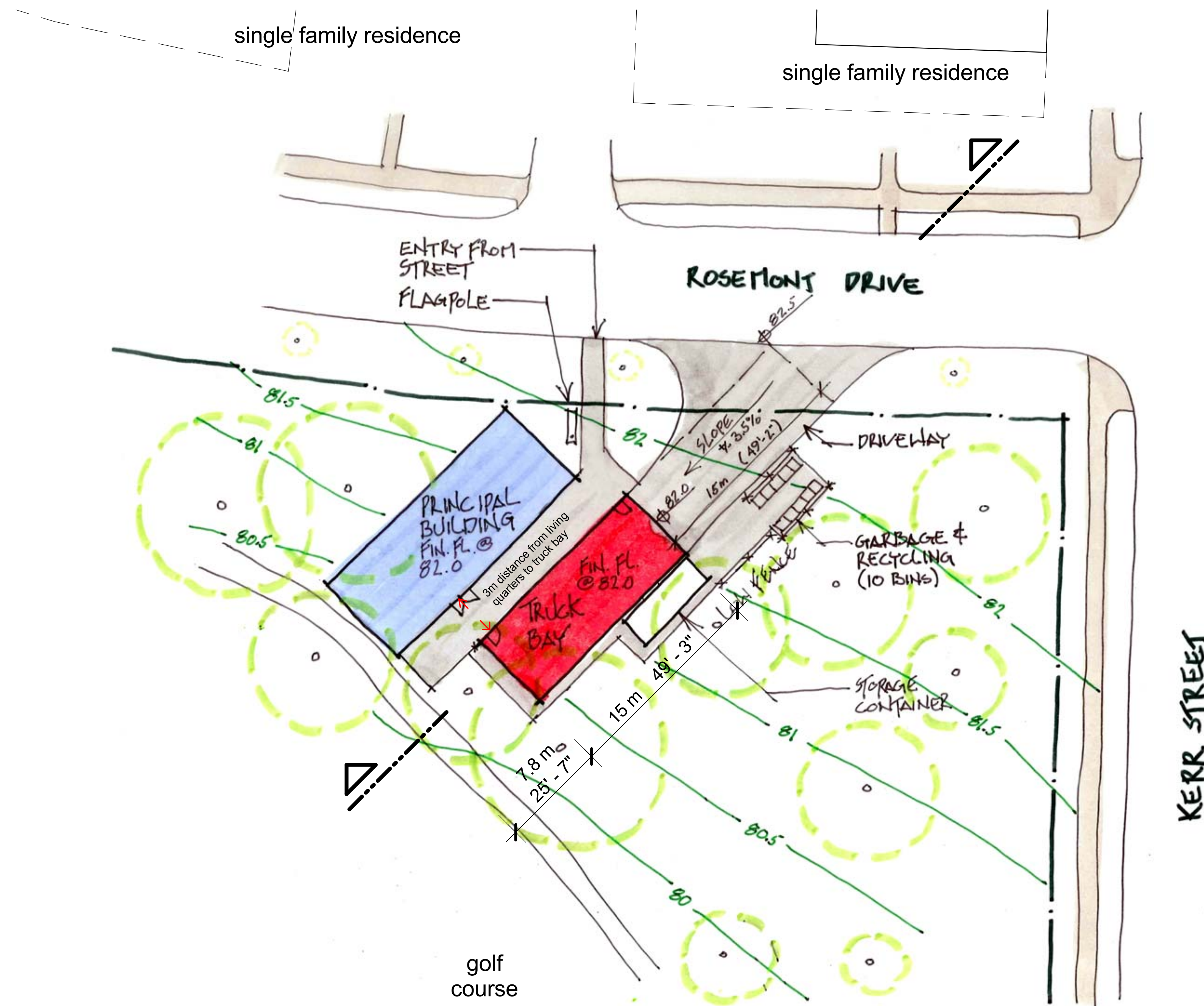
site section



perspective sketch



option C west site



site plan sketch

VFRS comments

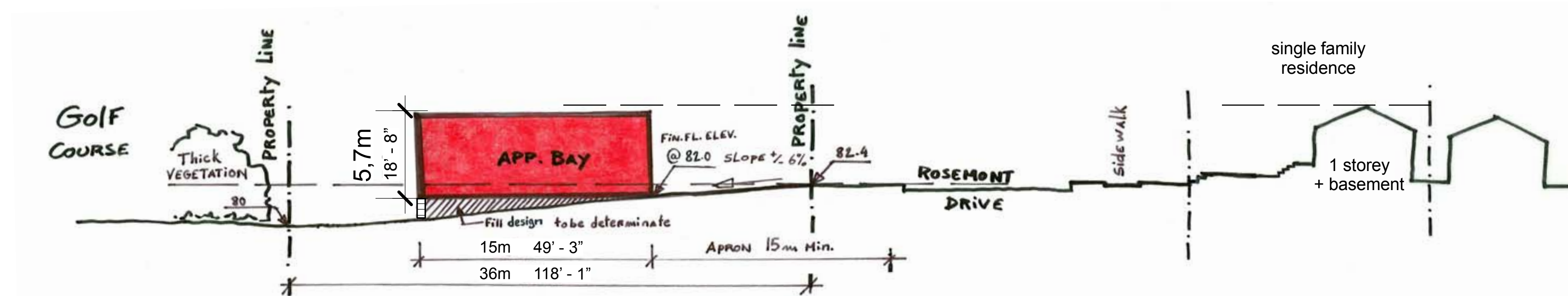
- Meets all operational needs for a temporary firehall.
- This option has the shortest distance from building to garage, and no steps - this will give the best response time.
- Fewest residents would be impacted by noise from firehall activities.
- As soon as vacated the temporary firehall it will immediately be removed and the park will be restored.

Pros - Community

- All existing park trees remain; some lower limbs will need pruning.
- Dog park remains available.
- Path around golf course remains available.

Cons - Community

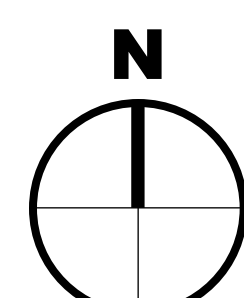
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- Sirens average 4-5 times a day.
- One boulevard tree will be removed temporarily to a nursery and replanted once the firehall is removed.
- Two residences will see headlights (note that overnight calls are uncommon in this fire district).



site section

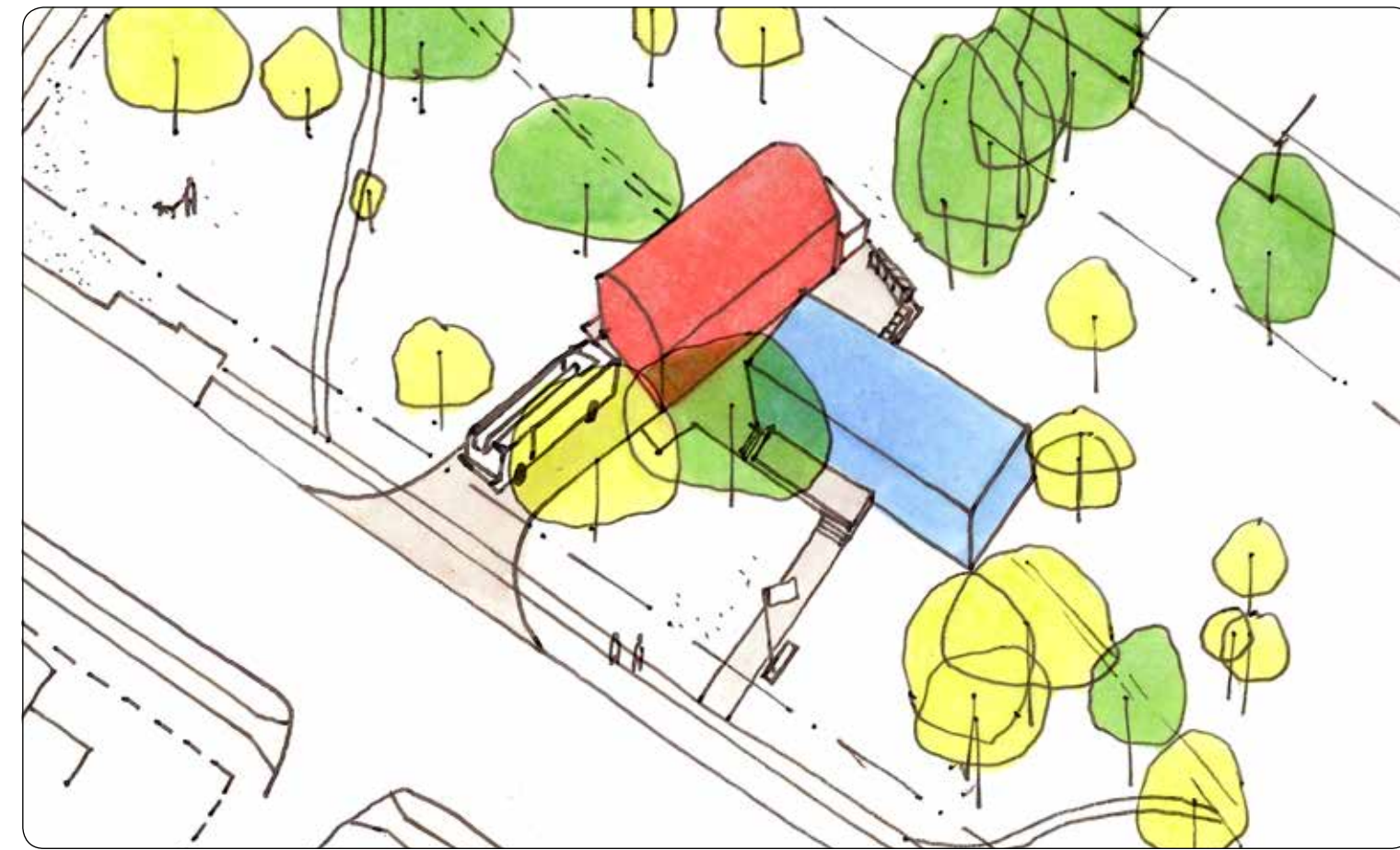


perspective sketch



option A

east site

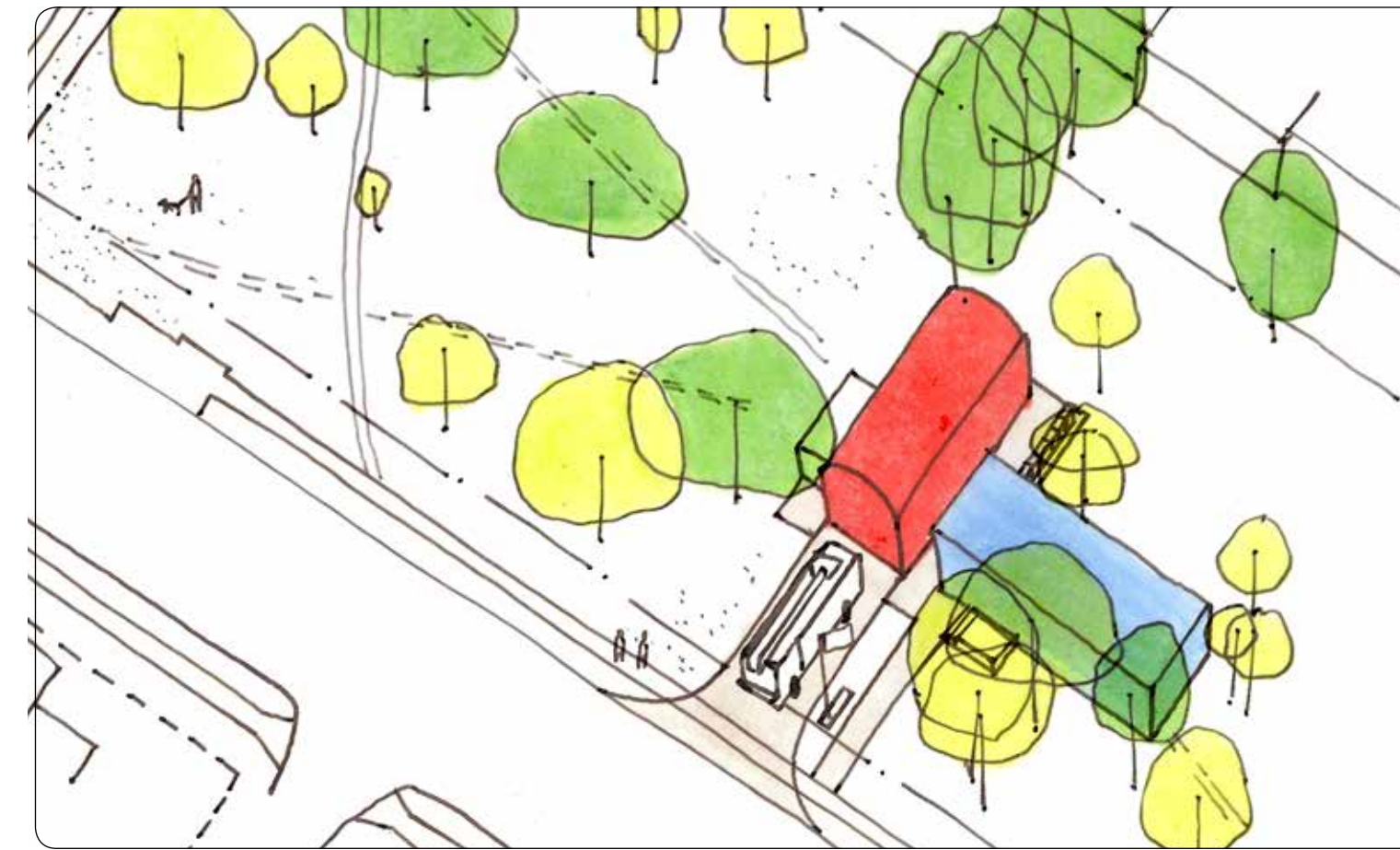


VOTE for A - place a dot

comments

option B

east site



VOTE for B - place a dot

comments

option C

west site



VOTE for C - place a dot

comments

VOTE

for your preference

How does it work :

- To give us an idea about which solution would work the best for you within your community, please peel off a sticky dot and place it on the board in the frame matching your preferred solution.
- Feel free to take a sticky note to leave a comment.

