

DAILY REPORT NO: 013

Site Visit: June 29, 2012 (9:30am to 11:15am)

Weather: Partly cloudy, Temperature: (83 Fahrenheit) °C, Humidity: High % at 9:45am o'clock**Attendees:**

SHUHAB (Owner)	Barbara Malpica
Dellwood Construction (General Contractor)	Richie and Vernon
644 Riverside Drive Tenant Association	Bill Landis

Employees at the site:**Persons 5** 3 Carpenters/ Plumbers/ 2 Laborers**Survey Areas:** Units 7G1, 4G, 4G1, 2G1

The purpose of this visit was to survey the G line units in relation to how the utility lines, which need to be replaced, affect the E line units. In addition I was able to have a discussion with the contractor and Barbara Malpica (SHUHAB) about the appropriate and necessary steps to take to conduct work with minimizing the length of displacement of residents.

Performance level:

(See photos)

Inadequacies (general):

(See photos)

Unit 7G1: The waste line in question shared with the E line only affects the rear most bathroom in this unit. Upon demolition of the kitchen and bathrooms the intricate networks of plumbing lines have been exposed. They illustrate lines replaced and tied to older lines most likely based upon breaks manifesting leaks. The line carrying waste from the kitchen appears to be inadequate in size based upon current building code.

Unit 4G and Unit 4G1: The pipes in these units illustrate similar issues as noted in unit 7G1. Demolition in 4G's bathroom illustrates the adjoining E waste line and E unit exposed piping to the tub and sink.

Unit 2G1: This unit is configured differently and does not adjoin with the E's waste line. However the other issues as illustrated in unit 7G1 exist.

Overall it appears that a substantial amount of work replacing the waste lines and tying to these lines is in order, based upon the need to update to code and the effect to the E line. Upon surveying the exposed lines it also confirms why there was a considerable amount of leaking presumably based upon the inadequate size of the drain ties. If financially feasible the bathrooms in the G line, which are tied to the E line, should be redesigned, reconfigured and a new line installed. This should be conceivable considering it has been done before based upon my discussion with the general contractor.

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In consideration of the timeliness of work it is unlikely the affected residents from the E line could relocate, thus allowing work to continue. Therefore the most effective scenario would be for the contractor to mobilize his plumbing subcontractor or in house plumbing workers to expedite work so that the effect on the occupied E line would be minimized. Consequently demolition in the remaining units needs to occur before that plan of action is solidified. Subsequently upon my visit several units on the G line were still occupied. It is imperative that these units be vacated as soon as possible. Per my discussion with SHUHAB and the general contractor a deadline maybe enacted to shut water for this line so that a thorough inspection and plan of action can be formulated.

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Inadequacies: Exposed waste line unit 7G bathroom. Shared line with E line unit.



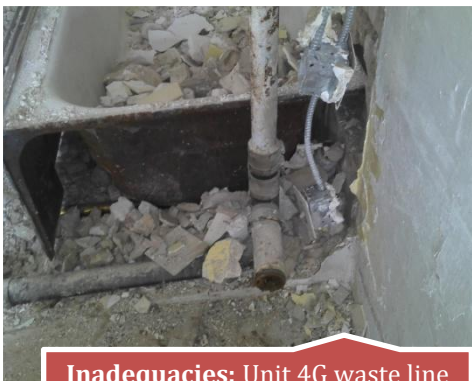
Inadequacies: Kitchen waste line. Smaller than what is required by code. this line should be replaced



Inadequacies: Severely limited capacity waste line from kitchen



Inadequacies: Waste line ties to main line.



Inadequacies: Unit 4G waste line connection from kitchen and bathroom tub. Size of line is inadequate.



Inadequacies: Unit 4G exposed waste line, shared with E line. Exposed bathroom plumbing E line.

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Inadequacies: Unit G41, kitchen waste pipe.
Smaller than code requirement.



Inadequacies: Waste line tie.