



COMMAND STAFF

ADAM LOESER, Fire Chief

August 3, 2020

Re: Goodman Development

Heather,

Per our discussions, the Fullerton Fire Department is submitting the following information to be included in the development agreement discussions related to the upcoming Goodman development project. The current property was initially developed in 1956, providing 1.2 million square feet of mixed use space. Fullerton Fire Station 3 was opened and staffed accordingly in 1958, and is located approximately 2 blocks to the north of the property. Engine 3 deployment is 4 personnel on a type-1 pumper.

We understand the new development to include 1.6 million square feet of commercial space, primarily occupied by 1.45 million square feet of industrial buildings. All structures are anticipated to be 45-55 feet in height with potential for fire flow requirements in excess of 4,000 gallons per minute (GPM) per 2019 California Fire Code, Appendix B, Table BB105.1. This calculation includes fire sprinkler accommodation as applied by our department Fire Plans Analyst.

The Fullerton Fire Department holds a "Class 3" rating from the Insurance Services Office (ISO). The ISO remains the forefront determinant of a fire departments comprehensive ability to provide fire protection in the jurisdiction it serves. As a result of a Fire Department's elevated ranking within the ISO schedule, residential and commercial insurance premiums are reduced significantly. The ISO, and professional fire departments alike, utilize standards set forth by the National Fire Protection Association (NFPA) for professional criteria and guidance developed through technical committee study and governing body direction. NFPA 1710 sets the standard for "Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments". Based on NFPA 1710, ISO Section 540 requires any response area in excess of 5 buildings over 35 feet high and/or a potential for fire flow in excess of 3500 GPM to have a "ladder truck company". Station 3 will need to replace its type-1 pumper with a ladder truck to properly address both issues within this new development.

In addition, NFPA 1710 and Orange County Fire Service Annex procedure requires a "full alarm assignment", defined as 2 Chief Officers, 4 pumpers and 2 ladder truck companies, to be on scene of a working structure within 8 minutes, 90% of the time. The single ladder truck company in Fullerton is currently located in the northwest area of the city, rendering it incapable of providing appropriate ladder truck service to this new development. Even with mutual aid from surrounding agencies, it would be difficult to meet this level of ladder truck response. However, by implementing a "quint-style" ladder truck company, this requirement can be met, while still providing pumper capability to the jurisdiction. A quint-style ladder truck is a combination apparatus which provides the majority of the equipment, hose and capacity of a type-1 pumper while also providing the high access reach of an aerial ladder.

It is for the reasons listed above that the Fullerton Fire Department require the developer of the Goodman Project to provide a quint-style ladder truck apparatus and corresponding station 3 modifications to appropriately house the larger apparatus (also required by ISO rating). We anticipate the cost of providing the apparatus and modifications to station 3 to be approximately \$2 million.

Respectfully,


Chris Nigg, M.S.
Deputy Fire Chief & Fire Marshal
Fullerton & Brea Fire Departments