

Memorandum



Date: December 1, 2005
To: Nicholas D. Nitti, DIC Coordinator
Department of Planning & Zoning
From: Jacqueline De Diego, Planning Section Supervisor
Miami-Dade Fire Rescue Department
Subject: DIC # 05-274
Century Business Park, LLC

SERVICE IMPACT/DEMAND

- (A) Based on development information, this project is expected to generate approximately 136 fires and rescue calls annually.
- (B) A suspected fire within this project would be designated as a building dispatch assignment. Such an assignment requires three (3) suppressions or engines, telesqurts or tankers, one (1) aerial, one (1) rescue and an accompanying command vehicle. This assignment requires 20 firefighters and officers.
- (C) The desired travel time to such a project is five (5) minutes for the first-in unit
- (D) Required fire flow for this project is 2,000 gpm with hydrant spacing no further than every 300 feet. Proper main extensions can be provided by Miami-Dade Water & Sewer Department. Generally, for this type of development 14-16 inch mains are required.

The Fire Rescue Department's Fire and Water Engineering Bureau, 11805 SW 26th Street, (786) 315-2771 makes final determination regarding exact size and looping of water mains, and the number and placement of hydrants.
- (E) Fire Rescue impact fees fund primary and supportive facility and equipment needs generated by any additional impact. The project's proportionate share of impact fees will be assessed at time of building permit.

EXISTING SERVICES

- A) The stations responding to a fire alarm will be:

<u>Station</u>	<u>Address</u>	<u>Equipment</u>	<u>Staff</u>	<u>Response Time</u>
36	10001 Hammocks Blvd., Hammocks	Advance Life Support 50' Squrt, Rescue	4 3	2-3 min.
56	16250 SW 72nd St., West Sunset	Advanced Life Support Pumper Hazardous Materials	4	6-8 min.
57	8501 SW 127 th Ave., West Kendall	Rescue	3	10-12 min.
43	13390 SW 152 St. Richmond	Advanced Life Support Technical Recover Team 50' Squrt, Rescue	4 3	10-12 min.

AAA

- B) The following first-response units/stations show a potential unavailability rate in excess of 20% during peak call hours for the previous calendar year:

<u>Units/Stations</u>	<u>Potential Unavailability During Peak Hours</u>
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N/A

- C) Increased response times may result because of congestion on the following roadways:

SW 157 Ave.

PLANNED SERVICE EXPANSIONS

The following stations/units are planned in the vicinity of this project:

<u>Station/Unit</u>	<u>Address</u>	<u>Est. Completion Date</u>	<u>Response Time</u>	<u>Cost</u>
Eureka (71)	Vicinity of SW 184 St & 157 Ave.	2009	8-9 min.	\$2.2 million

Funding source is primarily: fire rescue impact fees.

SITE PLAN REVIEW:

Fire Water & Engineering has reviewed and approved the proffered plan dated 9-6-05. Any future substantial change to this plan must also be reviewed and approved by Fire Water & Engineering.

Please contact Carlos Heredia, Principal Planner, at 786-331-4544, if you need any further information.

CH:jce

cc: Carlos Heredia, Principal Planner

Attachment