



DPS/Engineering
Allan E. Schneck, P.E., Director

JRB
From: Jason Boughton, AC, Engineering Utilities Coordinator
To: Kristen Kapelanski, AICP, Manager of Planning
Date: August 24, 2017
Re: Silver Spoon, City File #14-016, Section 3
Response to Planning Commission Meeting on August 15, 2017

Engineering Services has the following response about the concerns from the residents and planning commissioners about Silver Spoon drainage and retaining wall near the south property line:

- 6780 Old Orion Court existing topology drops roughly 8 feet (north to south) from Maplehill Road to the south property line shared by 160 and 144 Ann Maria Drive. The existing drainage pattern currently affects both 160 and 144 Ann Maria Drive with runoff from 6780 Old Orion Court. The proposed redevelopment of 6780 Old Orion Court with an improved storm sewer management system, which includes pretreatment and underground detention, will outlet to the existing road ditch in the right-of-way of Old Orion Court. This proposed storm sewer management system will eliminate a sizable portion of runoff currently discharging to the said neighboring parcels to the south. The additional two catch basins being proposed at the east and west portion of the retaining wall will help capture even more of the storm drainage and outlet it to the existing road ditch. There will be a small portion of drainage that falls just south of the proposed retaining wall that will drain to the south, as it currently exists now. The overall impact of this redevelopment should improve the impact of storm drainage for the neighboring parcels to the south.
- The proposed retaining wall height is above 4 feet and will need to be reviewed by our consulting engineer for structural integrity at the construction-planning phase of the project. The proposed cross section being provided will need to take into account an impact from a vehicle trying to park in a parking space adjacent to the wall.

JB/bd

c: Allan E. Schneck, P.E., Director; DPS
Paul Davis, P.E., Deputy Director/City Engineer; DPS
Tracey Balint, P.E., Public Utilities Engineer; DPS
Paul Shumejko, P.E., PTOE, Transportation Engineer; DPS

Sheryl McIsaac, Office Coordinator; DPS
Sandi DiSipio; Planning & Development Dept.
File