

STAFF REPORT



HENEGHAN AND ASSOCIATES, P.C.
CIVIL ENGINEERS • LAND SURVEYORS
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July 13, 2018

Ms. Christie Hull-Betalle
City of Arnold
2101 Jeffco Boulevard
Arnold, MO 63010

FYI

Re: Enclave at Strawberry Ridge

Dear Ms. Hull-Battale:

This letter is to inform you of the changes made to the approved set of Enclave at Strawberry Ridge Improvement Plans dated 04/18/2018.

1. During the exploration of the geogrid placement and the fill behind the retaining walls around the existing box culvert a decision was made to relocate bioretention basin further away from the wall to reduce water penetration potentially destabilizing the existing wall. A new suitable location for bioretention basin was selected on the east side of the Pomme Creek in the common ground of the existing Strawberry Ridge subdivision. The HOA of the Strawberry Ridge approved proposed location and construction of the bioretention basin in the common ground backing to the Pomme Creek. A reserve easement will be created for construction and future maintenance of the bioretention basin in the common ground of the Strawberry Ridge subdivision.
2. The proposed retaining wall at the back of the "hammer head" is eliminated due to unsuitable soil for support. Remediation of bearing soil and significant retaining wall cost associated with it prompted a redesign. By eliminating one unit on lot 4 we were able to bring hammer head further away from the property line and provide a stable 3:1 slope in lieu of the retaining wall.

Please let me know if you have any questions or need any further information regarding changes made to Improvement Plans.

Sincerely,

Igor Gusev
Project Engineer
Heneghan and Associates

NO RETAINING WALL
REDUCE FROM 13 TO 12 UNITS

□ 838 East McCord
Centralia, IL 62801
(P) 618-533-6525
(F) 618-533-6652

□ 310A Vision Drive
Columbia, IL 62236
(P) 618-281-8133
(F) 618-281-8290

□ 5213D Mae Drive
Godfrey, IL 62035
(P) 618-466-8076
(F) 618-466-8078

□ 1004 State Highway 16
Jerseyville, IL 62052
(P) 618-498-6418
(F) 618-498-6410

□ 1929 Richardson Road
Arnold, MO 63010
(P) 636-464-3610
(F) 636-464-2059