

Judith Wiegand

From: Denunzio, Joel D., P.E. [Joel.Denunzio@VDOT.virginia.gov]
Sent: Tuesday, August 07, 2007 10:11 AM
To: Judith Wiegand
Subject: RE: Willow Glenn ZMA

As long as they can get adequate drainage design in there we can accept them.

Thanks,

Joel

Joel DeNunzio, P.E.
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From: Judith Wiegand [mailto:jwiegand@albemarle.org]
Sent: Tuesday, August 07, 2007 9:32 AM
To: Denunzio, Joel D., P.E.
Subject: RE: Willow Glenn ZMA

Thanks, Joel, for getting these comments back to me so quickly. One question: as shown on the application plan, would the state accept Roads C and D? These are the ones with all the driveways.

Judy

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From: Denunzio, Joel D., P.E. [mailto:Joel.Denunzio@VDOT.virginia.gov]
Sent: Tuesday, August 07, 2007 9:29 AM
To: Judith Wiegand
Subject: Willow Glenn ZMA

Willow Glenn ZMA

Judy,

I have reviewed the above plan and have the following comments:

- I checked the traffic volumes from the traffic study and analyzed left and right turn lanes at both of the

sites entrances. A taper is needed from Towncenter Drive into the site. Typically on an urban typical section tapers are not used and a turn lane would be used instead. Neither of the intersection left turn volumes warrants left turn lanes.

- The driveways along road "C" are so close to one another and consistent that it appears that any needed drainage structures will be very difficult to fit into the street.
- The driveway lengths for the units labeled "C" concern me because they look like there is only 18' to 20' of space between the garage and the sidewalk. The average car is 19' long. I would expect that the sidewalk will be ineffective because cars will be blocking it at many driveway locations. All units labeled "B" provide less space and this will also be a problem. I would recommend that alleys are considered for this development.
- The minimum width of an entrance on a state road is 12'. Units "A" that share a driveway are 10 feet wide.

If you have any questions, please feel free to contact me.

Thanks,

Joel

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