



File w/ Subdivision
Form

DANIEL P. MCCOY
COUNTY EXECUTIVE

COUNTY OF ALBANY
DEPARTMENT OF PUBLIC WORKS
HIGHWAY ENGINEERING DIVISION
449 NEW SALEM ROAD
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DARRELL R. DUNCAN
COMMISSIONER

DANIEL MIRABILE
DEPUTY COMMISSIONER

Mr. Greg Meyer
O. J. Meyer and Son,
4 Vly Road,
Albany NY 12205

RE: Dutchman Acres development
Subdivision plans
County Routes 201 and 202
Guilderland

Dear Mr. Meyer:

We have reviewed the plans dated February 7, 2012. Our comments are listed below. Once comments related to stormwater/SWPPP items and items within the right of way are addressed, we should be ready to start the highway work permit process. Comments on other items, such as pedestrian bridge design, are intended as a courtesy to you and the town, to help achieve a successful project.

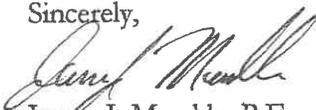
Drawing Comments

- | | | |
|---|-----|---|
| 2 | 2A. | Will the paths be open to the public? If so, should a connection be made across the ditch to the CR 201 shoulder, at the west end of the property? This will allow for people who wish to continue walking towards or from Route 146, and provide another emergency service access to the path. |
| 4 | 4A. | The grass swales draining the north property line drain towards Utility Easement 5, but the outlet is not clear. Also, the plans show that the catch basin at the south end of Nielsen Road will be removed. Please clarify the drainage paths. |
| | 4B. | Will the access roads be paved or aggregate? If aggregate is used, the concrete walkway from Nielsen Road should be continuous with the walkway leading to School Road. |
| 5 | 5A. | To ensure roadway clear zone safety, provide cross sections of the proposed swale adjacent to Depot Road. Will it use the Type "A" channel detail from sheet 14? |
| 6 | 6A. | We suggest a walkway from the cul-de-sac to the CR 202 crosswalk, to avoid formation of a worn path. |

- 6B. The handicapped ramp detail on sheet 16 won't work on the east side of School Road. Use a Type 10 ramp from NYSDOT Standard Sheet 608-01
- 9 9A. Provide plans and profile for the proposed waterline extension along CR 201.
9B. Will there be gas service? National Grid will get their own permit, but it should be shown on the plans.
- 13 13A. Provide a specification number for the "NYSDOT Type 4 gravel" to be used with the geoblock. The manufacturer's literature recommends a mixture of crushed stone and topsoil for this layer.
- 14 14A. Detail 4/2: Note 3 specifies bicycle safe grates, but the grate shown is not bicycle-safe.
14B. On the channel crossing deck detail, ADA regulations require the deck to extend 1 ft past the face of rail. Alternately, a lower rail could be provided to prevent feet, cane tips and the small wheels on a wheelchair from slipping under the rail and off the edge of the deck.
14C. The deck should have cross slope for drainage.
- 16 16A. In the intersection plan, show a sawcut between the edge of pavement and the shoulder, with tack coat applied to the vertical surface.
16B. Change the stop line width on the typical stop sign and stop bar location detail from 12" to 18", to comply with Sheet 18 and NYSDOT Standard Sheet 685-01.
16C. Stop signs should be located at or near the stop line. The 50 ft maximum distance is meant for very wide intersections, or other locations where a stop sign at the stop line would be difficult to see.
- 18 18A. Add the street name sign (D3-1) to the sign table.
18B. Update the table and notes to reflect the adoption of the 2009 National MUTCD and NYS Supplement.
18C. The code for a stop sign is R1-1, not R4-5C. The no parking sign code is R7-1, not R7-100.
18D. Specify "Type L" or "Type LC" crosswalks, as defined on NYSDOT Standard Sheet 685-01, sheet 2.
- 20 20A. The NYSDOT standard sheet duplicated here has been superseded. The new version can be found at
https://www.dot.ny.gov/main/business-center/engineering/cadd-info/drawings/standard-sheets-us-repository/619-20_010710.pdf
Also, the tables cited in the standard sheet should be included.
20B. While building the curb ramp on the east side of School Road, provisions must be made to keep an accessible path open.

If you have any questions or comments, please call me at 655-7928 or email me at jmearkle@albanycounty.com.

Sincerely,



James J. Mearkle, P.E.
Traffic Engineer

cc: Don Cropsy, Jr., Chief Building/Zoning Inspector, Guilderland