



Richard A. Alaimo Association of Engineers

200 High Street, Mt. Holly, New Jersey 08060 Tel: 609-267-8310 Fax: 609-267-7452

March 30, 2022

Mr. Thomas Boyd
Construction Code Official
Southampton Township
5 Retreat Road
Southampton, NJ 08088-3591

RE: Southampton Township
140 Landing Street
Block 903, Lot 9
Grading/Drainage Plan Review
Southampton Township ID: 22-903-9G
Our File No. C-0583-0000-043

Dear Mr. Boyd:

We have received and reviewed the following plan for the referenced project, which was prepared by Brian S. Peterman, PE:

Sheet	Title	Date / Revised
1	Plot Plan/Grading Plan, 140 Landing Street	January 18, 2022/March 17, 2022

Based on our review of the submitted plan, we offer the following comments:

1. Since a basement is proposed, there must be a minimum of two feet (2') separation from the basement slab grade and the estimated seasonal high water table (ESHWT). The well application approved by the Burlington County Health Department, dated March 23, 2022, shows that the soil boring logs for TP#1 and TP#2 have less than a two foot (2') separation from the basement slab to the ESHWT. Since there is less than a two foot (2') separation; provide a ground water control system; waterproofing on the basement floors and slab or raise the basement floor elevation by at least 0.17 feet.
2. All down spouts must discharge to splash blocks with positive flow away from the building.

- Consulting Engineers -

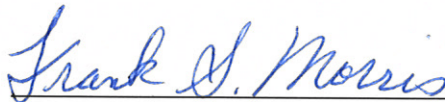
Civil • Structural • Mechanical • Electrical • Environmental • Planners

3. The approved Burlington County Health Department septic design dated March 21, 2022, for this project, shows a conventional system with the grading plan consistent with the referenced grading plan.
4. The noted plan shows more than ¼ acre impervious coverage. Therefore, the applicant has to meet the New Jersey Department of Environmental (NJDEP) stormwater regulations. Also, show the area for disturbance.
5. Provide details of the service walk and driveway.
6. The attached detail shall be followed for the driveway apron construction.
7. Since there is more than 5,000 square foot disturbance, approval from the Burlington County Soil Conservation District is required.
8. Submit four (4) signed and sealed, full size drawings for review and approval.

Should you have any questions or require additional information, please contact our office.

Very truly yours,

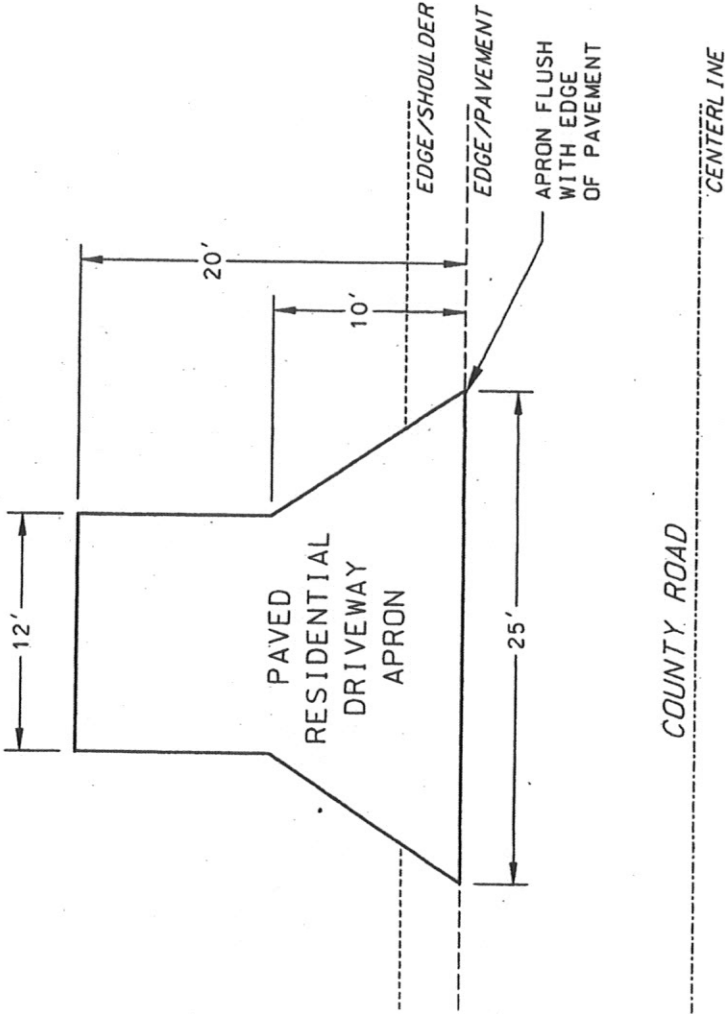
RICHARD A. ALAIMO
ASSOCIATION OF ENGINEERS



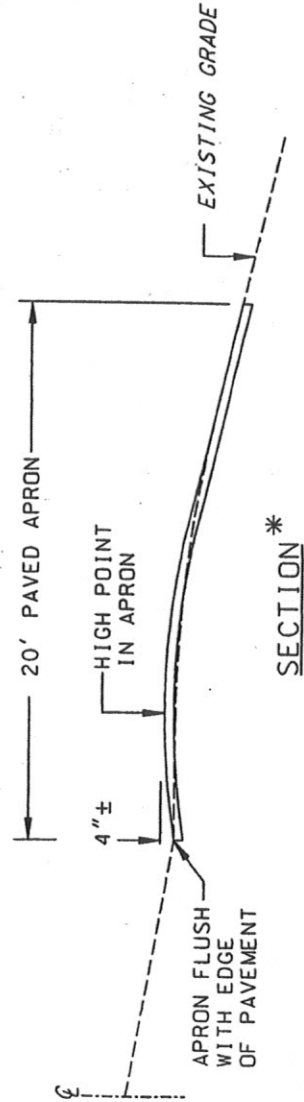
Frank S. Morris, PE, CES, CPWM
Senior Associate *FSM*

FSM/kem
Enclosure

- c: Denise Schmied, Zoning Officer, Southampton Township
Michele M. Gittinger, Planning Board Secretary, Southampton Township
Brian S. Peterman, PE, Peterman • Maxcy Associates, LLC (189 S. Lakeview Drive,
Suite 101, Gibbsboro, NJ 08026)
Michael & Debbie Tippin (341 Red Lion Road, Southampton, NJ 08088)



PLAN



* THIS SECTION SPECIFICALLY APPLIES TO PROPERTIES THAT ARE SITUATED AT, OR BELOW THE EXISTING GRADE OF THE COUNTY ROAD. THE APRON SHALL BE CONSTRUCTED SO THAT A RIDGE (HIGH POINT) IS CREATED, WHICH IS ABOUT 4" ABOVE THE EDGE OF PAVEMENT, THAT WILL PREVENT RUNOFF FROM THE COUNTY ROAD FROM FLOWING INTO THE DRIVEWAY.

- 2" NJDOT MIX I-5 (ASPHALT PAVING)
- 6" D.G.A. (CRUSHED STONE)
- OR-
- 6" CLASS B CONCRETE WITH 6"x6"x6/6 WWF

DRIVEWAY APRON PAVING SECTION

GENERAL NOTES:

- 1.) DO NOT INTERFERE WITH THE EXISTING DRAINAGE ALONG THE COUNTY ROAD BY PAVING HIGHER THAN THE EDGE OF PAVEMENT OR STONE SHOULDER. DRIVEWAY APRONS SHALL BE PAVED FLUSH WITH THE EDGE OF PAVEMENT
- 2.) THE FIRST 20 FT. OF ALL RESIDENTIAL DRIVEWAYS SHALL BE PAVED AS SHOWN IN THIS FIGURE.
- 3.) THE DIMENSIONS SHOWN FOR THE PAVED DRIVEWAY APRON ARE MINIMUM DIMENSIONS.
- 4.) A WIDER DRIVEWAY APRON WILL BE REQUIRED ON HIGH VOLUME COUNTY ROADS, AS DETERMINED BY THE OFFICE OF THE COUNTY ENGINEER.
- 5.) RESIDENTIAL DRIVEWAY APRONS SHALL BE PAVED PRIOR TO RECEIPT OF A CERTIFICATE OF OCCUPANCY.
- 6.) OWNER/APPLICANTS ARE RESPONSIBLE TO INSURE NEW APRONS ARE PROPERLY CONSTRUCTED SO AS TO KEEP RUNOFF FROM THE COUNTY ROAD FROM FLOWING INTO THEIR DRIVEWAY.

No.	REVISION	DATE	BY	CHK'D
RESIDENTIAL PAVED DRIVEWAY				
DRAWN BY		J.E.W.		DATE
DESIGNED BY		J.E.W.		7/10/96
CHECKED BY		R.T.J.		SCALE
				N.T.S.
				FIGURE No.
				53
BURLINGTON CO. ENGINEER'S OFFICE P. O. BOX 6000 MT. HOLLY, N.J. 08060				
JOSEPH G. CARUSO COUNTY ENGINEER PROFESSIONAL ENGINEER N.J. LIC. No. 23819				
<i>Joseph G. Caruso</i> DATE				8.8.96