May 2, 2019

Ms. Brea Hopkins **Montgomery County** Department of Planning & GIS Services 755 Roanoke Street, Suite 2A Christiansburg, VA 24073

CHP Merrimac Rezoning, Parcels 012016, 012015, 025905, 025906, 025907 RE:

Comprehensive Plan Justification

Job No. 2914.0

Dear Ms. Hopkins:

On behalf of Community Housing Partners (CHP), Gay and Neel, Inc (GNI) would like to present the following Comprehensive Plan Justification, supplementing the rezoning package submitted to Montgomery County on May 1, 2019. As outlined by Montgomery County rezoning standards, there are seven specific bullet points to be expanded upon by the client with regards to a Comprehensive Plan Justification. They are presented as follows:

- 1. Compliance with required lot minimums, district minimums, and availability of water and sewer
 - As outlined in the Montgomery County Zoning Ordinance, the R-3 Compact development option holds the following subdivision requirements:

Minimum Lot Size: 5,000 square feet

80' (reduced to 60' with use of curb and gutter) Minimum Lot Width:

Front Yard Setback: 10' min. Side Yard Setback: 10' min. 25' min. Rear Yard Setback:

5 dwellings/gross acre Max Density:

25% minimum of gross parent parcel Open Space:

- o The layout provided with the rezoning application adheres to the requirements above. With regards to the availability of public water and sewer, an availability letter from Bob Fronk of MCPSA has been included with the rezoning package. Both public water and public sewer are available to the subject parcels.
- 2. Describe, in specific detail, how the rezoning or special use permit request fits with the land use policies included under the appropriate land use policy area. There are seven land use policy areas: Resource Stewardship (PLU 1.2), Rural (PLU 1.3), Rural Communities (PLU 1.4), Residential Transition (PLU 1.5), Villages (PLU 1.7), Village Expansion Areas (PLU 1.6), and Urban Expansion Areas (PLU 1.8). Each area has specific policies covering land uses, community design, and community facilities and utilities.
 - o The subject property is defined as Residential Transition, defined under PLU 1.5 of the Comprehensive Plan. With regard to the specifics outlined in question #2:

Land Use:

- Per section 1.5.1 (a), "The predominant and preferred land use in Residential Transition areas is residential". The proposed use of land associated with this rezoning is residential, meeting the overall intent of the land use.
- Per section 1.5.1 (b), development of new parcels and compatibility of adjacent development shall be evaluated on a case-by-case basis (note 21). While the proposed development does have a higher density than the adjacent land within Montgomery County, the subject parcel is immediately south of existing residential development located within the Town of Blacksburg, and has a great proximity to Prices Fork Road and Blacksburg High School.
- Per section 1.5.1 (c), "The County should evaluate portions of the Residential Transition areas that will have built out at development levels that are lower than what would be permitted by zoning to determine if there is any benefit to rezone these areas to be consistent with actual development". Given the challenging site topography of the subject parcel, development under a format less dense than R-3 Compact zoning requirements would be extremely difficult, and would force a developer's hand to produce high-end, high-price homes servicing a subset of the real estate market that appeals to investors and high-income families. We believe that the workforce-affordable model proposed by CHP is of substantial value to Montgomery County, and should therefore be given strong consideration.

Community Design:

- Per section 1.5.2 (a), "New development...shall not exceed 1 dwelling unit per acre, with the exception of developments served by both public water and sewer." At 52 lots across 24.37 AC, a density of 2.13 dwellings/acre is proposed. However, included with this rezoning package is an availability letter from MCPSA confirming the availability of both public water and sewer service.
- Per section 1.5.2 (b), "New development...should be clustered, or exhibit other conservation design principles to preserve on-site natural, cultural, historic, scenic, open space, or environmental resources." Under the R-3 Compact requirements, a minimum of 25% of the subject parcel shall be designated as open space. Included on the provided conceptual layout, my client anticipates greater than 30% open space, subject to final engineering, with a substantial portion of this 30% located within existing floodplain downstream from the proposed development. For this reason, we believe that we are meeting the intent of open space and preservation of environmental areas within the subject parcel.
- Per section 1.5.2 (c), "New development...should be designed to be compatible with existing neighborhoods and subdivisions." As outlined in the R-3 Compact requirements, and by VDOT SSAR design standards, pedestrian accommodations have been provided throughout the community, along with interconnection to adjacent parcels meeting

VDOT interconnectivity requirements. We believe that these components allow for easy future development on adjacent properties, and meet the intent of the County to provide pedestrian-friendly accommodations.

Community Facilities and Utilities:

- Per section 1.5.3 (a), "Future sewer and water service extensions...will be discouraged except to resolve existing public health threats or to interconnect existing individual systems or when provided by private developers." As included in the MCPSA public water and sewer availability letter, these services are readily available to the subject parcel, and any infrastructure improvements necessary to service the new development would be paid for by a private developer (CHP).
- Per section 1.5.3 (b), community facilities are discouraged. No community facilities are proposed at this time with this rezoning application.
- Section 1.5.3 (c) does not apply to this rezoning application. The only transportation improvements proposed with this development would be VDOT-compliant roads to provide homeowners access. These roads would be built to VDOT standards, and maintained by VDOT after construction.
- 3. If the proposed rezoning or special use permit requires the addition of a road, the proposal needs to address how the new transportation facilities fit with the transportation policies (specifically interconnectivity and subdivisions) included in the transportation chapter. (TRN 1.3, TRN 1.4)
 - o In accordance with both Montgomery County and VDOT design standards, the road network associated with this project shall meet requirements associated with VDOT SSAR design guidelines, and interconnectivity requirements. The proposed layout has been preliminarily reviewed by VDOT, and has been found to be generally approvable.
- 4. If the proposed rezoning or special use permit requires an E and S permit (land disturbance of more than 10,000 square feet) or with large areas of impervious surface (paved parking areas, etc.), the proposal will need to address groundwater, surface water, and stormwater runoff concerns included in the Environmental Resources Chapter. (ENV6.5, ENV5.6)
 - o In accordance with Montgomery County, DEQ, and VDOT standards, stormwater and surface water will be controlled and mitigated as necessary to meet necessary requirements. In general, stormwater quantity control will be addressed via adequate conveyance to the floodplain via storm sewer conduit and rip-rap lined channels. Stormwater quality would be addressed through the purchase of nutrient credits. The final design would be reviewed by both VDOT and Montgomery County. Regarding groundwater, public water and sewer connections shall be provided to all residential lots, so no impact to groundwater is anticipated. The site is also not located in a region that shows a substantial presence of karst. A USGS soils map has been included with the rezoning package, and hydrologic group "B" soils are predominantly present, which are generally considered as acceptable for backfilling and having low erosive properties.

- 5. If the proposed rezoning or special use permit is part of a subdivision request, the cover letter needs to address how the proposed subdivision will meet the policies outlined in the Housing Resources chapter. (HSG 1.1, HSG 1.3)
 - As outlined in HSG 1.1, affordable housing is of high importance to Montgomery County. My client would like to stress that this is also the goal of the proposed community, and of CHP. Housing demand, in particular single family detached, in Montgomery County continues to feel abnormally high pressure as compared to state and national averages. The growth of Virginia Tech and the Corporate Research Center are attracting high number of young professionals to the area. This demand growth has not been met with smart supply which has created an unhealthy homeownership market, particularly in the median income segment. CHP's proposed design would consider a mixed income development that allows for affordability in the absence of traditional housing subsidy. By creating a development that serves a broad income spectrum, CHP can provide affordable options through the mechanism of square footage, and lot position within the development to drive cost/price into an attainable range and providing economic diversity within the development. The target population served would be 80-140% of the Area Median Income (\$56,000-\$107,000), putting the attainable sales price range from \$200k-\$350k range. The target price range for this community is preliminarily targeting a \$215k-\$245k price point. Over the past five years, the trend to add inventory has been focused primarily on high end for sale and multifamily rental, leaving a gap in housing stock for median income families and pushing many into the rental market as home prices rise faster than their incomes. As this trend continues and expands, the importance of building new energy-efficient homes available in the \$215k-\$245k range has become more and more critical. This proposed development alongside Community Housing Partners would help to combat this need.
 - Regarding section HSG 1.3, the proposed development has been designed in a way to meet VDOT interconnectivity requirements, and promote pedestrian mobility throughout the community through a network of sidewalks.
- 6. Current & future educational facility and program needs in County resulting from proposed rezoning and/or special use permit.
 - Preliminary discussions with MCPS have also taken place and no immediate concern regarding student capacity was indicated, however we expect to continue this conversation.
- 7. The application must address the specific criteria for evaluating rezoning applications included in PLU 2.1, including location, public utilities, road access, public facilities and amenities, interparcel access, and buffers.
 - Location: The subject property is defined as "Residential Transition", which is characterized by lower-density residential uses, but permits the use of higher-density zoning classifications provided that it is serviced by public water and sewer. The attached availability letter from MCPSA confirms the availability of these utilities. Residential Transition areas have also been identified by Montgomery County as target growth areas, and the rezoning application from CHP would certainly allow for that growth to happen.
 - Public Utilities: A letter from MCPSA certifying the availability of public water and sewer has been included with this rezoning application.

- Road Access: VDOT-compliant road access has been provided, in addition to calculations proving that a turn lane and taper are not required along Merrimac Road. Sight distance has also been confirmed, and sight distance easement letters of intent signed by the adjacent homeowners have been included in the rezoning package.
- o <u>Public Facilities and Amenities</u>: Public facilities in the form of roads and sidewalks are proposed. No other amenities are proposed at this time.
- o <u>Interparcel Access</u>: Interconnectivity in accordance with Montgomery County and VDOT standards has been provided with the rezoning package.
- Pedestrian Access: A sidewalk network shall be provided throughout the community, with a portion or roadway having dual-sided sidewalk, and the majority of roadways having single-sided sidewalk. Refer to the road cross-section detail provided on the Conceptual Layout Exhibit in the rezoning package.
- Buffers: All surrounding properties are single-family detached or vacant/agricultural, therefore a Group 1 land use abutting a Group 1 land use does not require a buffer, in accordance with 10-43(c) of the Montgomery County Code.

Thank you for your time in reviewing this request. If you have any questions, please feel free to contact me.

Sincerely,

Gay and Neel, Inc.

Joshua M. MacDonald, P.E.

Project Manager

JMM/scw

May 1, 2019

Ms. Brea Hopkins
Montgomery County
Department of Planning & GIS Services
755 Roanoke Street, Suite 2A
Christiansburg, VA 24073

RE:

CHP Merrimac Rezoning, Parcels 012016, 012015, 025905, 025907

Job No. 2914.0

Dear Ms. Hopkins:

On behalf of Community Housing Partners (CHP), Gay and Neel, Inc (GNI) is excited to present to you a rezoning opportunity for 24.37 AC located within Montgomery County. The subject parcels are located off of Merrimac Road, just west of the VFD training grounds/old wastewater treatment plant. CHP has identified a growing need within Montgomery County to provide workforce-affordable housing, targeted at the median income, intended to allow the opportunity for home ownership to an underserved subset of the Montgomery County tax base. This development would convert 24.37 AC from an existing A-1 zoning to R-3 compact, and allow for the construction of 52 single-family detached homes. The target price range for these homes is tentatively set for \$215k-\$245k, and construction methodology would focus on energy efficiency, longevity of materials utilized, lower maintenance expectations, and aesthetic appeal. In an area where the housing market and entry-level home prices continues to grow, CHP has taken on the task of not maximizing profits with high-end high-price homes, but rather addressing the real concern of home affordability in Montgomery County. CHP looks to embody the altruism a community hopes for, and strives to allow Montgomery County to continue a track record of responsible growth.

As part of the rezoning process, Montgomery County has provided standard questions A-P that an applicant must detail. The specific questions and answers are as follows:

- a) Whether the proposed zoning district classification is consistent with the Comprehensive Plan. (Addressed under "3. Comprehensive Plan Justification")
 - The comprehensive plan has designated the subject parcel as "Residential Transition", detailed as low-density residential neighborhoods as the optimal use, but allowing for higher density residential neighborhoods provided that public water and sewer is available. Included as an attachment to this application is a public water and sewer availability letter from Bob Fronk of MCPSA certifying the availability of these utilities.

- b) Whether there are any changed or changing conditions in the area affected that make the proposed rezoning appropriate.
 - 1. The New River Valley is in desperate need of more workforce-affordable housing options, targeting the median income bracket. Over the past five years, the trend to add inventory has been focused primarily on high end for sale and multifamily rental, leaving a gap in housing stock for median income families and pushing many into the rental market as home prices rise faster than their incomes. As this trend continues and expands, the importance of building new energy-efficient homes available in the \$215k-\$245k range has become more and more critical. This proposed development alongside Community Housing Partners would help to combat this need.
- c) Whether the range of uses in the proposed zoning district classification are compatible with the uses permitted on other property in the immediate vicinity.
 - 1. The immediately surrounding areas are generally zoned A1, RR1, and PR (Town of Blacksburg), with portions of Merrimac Road to the east zoned R1. Blacksburg High School is also approximately a 2-mile drive from the entrance to the proposed CHP community.
- d) Whether adequate utility, sewer and water, transportation, school and other facilities exist or can be provided to serve the uses that would be permitted on the property if it were rezoned.
 - Both public water and sewer are available for the subject parcel. Included as an
 attachment to this application is a public water and sewer availability letter from Bob
 Fronk of MCPSA certifying the availability of these utilities. Regarding transportation,
 adequate cul-de-sac diameters have been provided throughout the community to ensure
 adequate space for bus turnarounds. Preliminary discussions with MCPS have also taken
 place and no immediate concern regarding student capacity was indicated, however we
 expect to continue this conversation.
- e) The effect of the proposed rezoning on the County's ground water supply.'
 - 1. This proposed development would be serviced by public water and sewer. No adverse impacts to groundwater is anticipated.
- f) The effect of uses allowed by the proposed rezoning on the structural capacity of the soils.
 - 1. USGS soil data has been included with this rezoning package, and predominantly hydrologic soil group "B" soils are present. This classification of soil is generally expected to be adequate for home construction, but will be further explored with a formal geotechnical report at the time of final engineering design.

- g) The impact that the uses that would be permitted if the property were rezoned will have upon the volume of vehicular and pedestrian traffic and traffic safety in the vicinity and whether the proposed rezoning uses sufficient measures to mitigate the impact of through construction traffic on existing neighborhoods and school areas.
 - 1. Vehicular traffic calculations have been included with the submittal package, and have demonstrated that a turn lane and/or taper are not required for the subject parcel with the proposed improvements. There are no existing pedestrian facilities along Merrimac Road, however the proposed CHP development would construction sidewalk as reflected in the typical detail included with this package (2-sided sidewalk on roads at or exceeding 400 VPD, and 1-sided sidewalk for roads less than 400 VPD). In general, adequate pedestrian facilities will be provided within the proposed community, and would allow for future development to potentially connect to them. Regarding construction traffic, there is substantial open space on the subject property to allow for equipment storage and parking during the construction process. Limited offsite construction traffic and impact is anticipated.
- h) Whether a reasonably viable economic use of the subject property exists under the current zoning.
 - 1. The current parcel is zoned A-1, and would require substantial roadway construction and grading activities just to get to the center of the subject parcel where adequate width is present to subdivide. Also, given that the area designated as "preserved open space" in the attached Preliminary Layout Exhibit" has a very steep grade, with a portion located in the floodplain, much of the subject parcel would not be reasonably further developed. For these reasons, we believe development under the A-1 zoning regulations would present a sizeable challenge to be economically viable.
- i) The effect of the proposed rezoning on environmentally sensitive land or natural features, wildlife habitat, vegetation, water quality and air quality.
 - All DEQ standards would be adhered to, including stormwater quality and quantity considerations. No presence of any gravesites, endangered species, wetlands or other sensitive features are anticipated to be disturbed with this project, and the existing floodplain on the subject parcel shall also not be disturbed.
- j) Whether the proposed rezoning encourages economic development activi ties in areas designated by the Comprehensive Plan and provides desirable employment and enlarges the tax base.
 - The proposed rezoning addresses the need for homes of median affordability. CHP has a strong track record of delivering workforce-affordable housing with a focus on quality construction, energy efficiency, and ease of maintenance. Given the proximity to Prices Fork Road and Blacksburg High School, we believe this proposed development would be of great value to the community, and help address the need for high quality and medianaffordable housing.

- k) Whether the proposed rezoning considers the needs of agriculture, industry, and businesses in future growth.
 - The proposed rezoning addresses the need for workforce-affordable housing, with a focus
 on quality construction, energy efficiency, and ease of maintenance. Allowing employees
 to live near where they work is an invaluable quality-of-life component that homes in the
 target price range would address for people who may not have ever had this opportunity.
- I) Whether the proposed rezoning considers the current and future requirements of the community as to land for various purposes as determined by population and economic studies.
 - 1. As the region continues to grow, housing must be a central piece to the region's growth strategy. Currently, the housing market in Montgomery county is at a sever deficit to its projected population growth and additional inventory must considered. The position of this land is ideal for rezoning to address the growing Blacksburg/Christiansburg population, with close access to Interstate 81 to reach throughout the NRV.
- m) Whether the proposed rezoning encourages the conservation of properties and their values and the encouragement of the most appropriate use of land throughout the County.
 - 1. A moderate density residential development that preserves substantial open space and provides median-affordable housing to Montgomery County residents would be of substantial value, and in accordance with the Comprehensive Plan.
- whether the proposed rezoning considers trends of growth or changes, employment, and economic factors, the need for housing, probable future economic and population growth of the county.
 - 1. Housing demand, in particular single family detached, in Montgomery County continues to feel abnormally high pressure as compared to state and national averages. The growth of Virginia Tech and the Corporate Research Center are attracting high number of young professionals to the area. This demand growth has not been met with smart supply which has created an unhealthy homeownership market, particularly in the median income segment. CHP's proposed design would consider a mixed income development that allows for affordability in the absence of traditional housing subsidy. By creating a development that serves a broad income spectrum, CHP can provide affordable options through the mechanism of square footage, and lot position within the development to drive cost/price into an attainable range and providing economic diversity within the development. The target population served would be 80-140% of the Area Median Income (\$56,000-\$107,000), putting the attainable sales price range from \$200k-\$350k range.

- o) The effect of the proposed rezoning on the provision of moderate housing by enhancing opportunities for all qualified residents of Montgomery County.
 - 1. Montgomery County current has a housing inventory challenge. By all accounts, a healthy market has 6 months of available inventory for sale. According to MLS data, the state average for the past 12 months is 5.9 months while Montgomery county has 3.7 months, and trending down. To address this, we have to consider adding additional inventory, but in an intentional manner. If we continue to add high end stock, median income families that cannot afford those homes will look to the rental market, increasing the demand for rentals and incentivize investors to purchase rental homes which will continue to drive up the price of "starter" homes in the market. This only way to combat this wedge is to push pressure out from the middle by creating median housing stock. This is CHP's plan for the proposed development. It's been our mission our mission for over 42 years to create healthy, sustainable, affordable housing and we will continue to pursue ventures that offer this opportunity for everyone.
- p) The effect of the rezoning on natural, scenic, archaeological, or historic features of significant importance.
 - 1. No adverse impacts to any natural, scenic, archaeological, or historical features are anticipated as part of this proposed rezoning.

In addition to the responses above, additional design criteria and guidance has been provided by other review entities within Montgomery County. The concerns and mitigation/responses are outlined as follows:

VDOT

a. Turn lane/taper analysis

 GNI has completed an analysis regarding the need for turn lanes and tapers, and are included as an attachment to the rezoning package. Our findings, confirmed with VDOT, find that no turn lanes or tapers are required to access the community.

b. Sight Distance at Merrimac Road Entrance

i. GNI has field-verified sight distance along Merrimac Road, and have determined that easements shall be required on the adjacent properties to clear brush and trees, along with cutting back of the steep bank adjacent to Merrimac. CHP has met with the adjacent property owners, and they intend to formally sign off on easements should the rezoning process be successful. Letters of intent for these easements have been included as attachments to the rezoning package.

c. Pedestrian Accommodations

i. Sidewalks have been outlined in the details provided on the conceptual layout exhibit, included as an attachment to the rezoning package. Roads with 400 VPD or greater have sidewalks on both sides, while roads with less than 400 VPD have sidewalks on one side of the road. We believe this meets the intent of pedestrian accommodations within the community.

d. On-street parking

i. On-street parking will not be permitted. Road widths have been design accordingly, with roadways with 400 VPD or greater at 24' wide, and roadways with less than 400 VPD at 18' wide.

e. Interconnectivity

i. As discussed with VDOT and found to be generally approvable, a point of interconnection has been provided and is reflected in the conceptual layout exhibit, included as an attachment to the rezoning package. The connection point extends to the west between lots 33 and 34, and meets the intent of VDOT interconnectivity standards.

f. Stormwater Management

i. While most of the site drains south to the existing floodplain, and is not expected to be a problem to handle stormwater conveyance, a portion of the roadway from approximately lots 1-6 will drain back towards Merrimac Road. Stormwater improvements shall be made in accordance with VDOT standards and specifications, which may include detention methods, runoff reduction, downstream channel analysis, downstream channel improvements, or a combination of these approaches. Final management methodologies shall be determined with final engineering and site plan preparation, however the applicant acknowledges that stormwater shall be controlled in a way that meets VDOT standards.

CHP and GNI are very excited about the opportunity, we believe this community would contribute to Montgomery County, and look forward to continued exploration of this plan.

Sincerely,

Gay and Neel, Inc.

Joshua M. MacDonald, P.E.

Project Manager

Enclosures

cc: Michael George, Community Housing Partners (via email)

JMM/kmt



MONTGOMERY COUNTY
PLANNING & GIS SERVICES

REZONING APPLICATION

(PACKET 2)



Rezoning Application Checklist

The applicant shall submit ten (10) copies of all required materials listed below for Rezoning, Conditional Rezoning, and Amendment to Proffers. Applications will **NOT** be accepted without the following attachments:

I	X	Completed Preliminary Review Meeting Application & Preliminary Review Meeting- Application Checklist Forms.
I	X	Application Form.
[X	Comprehensive Plan Justification.
I	X	Concept Development Plan.
[Voluntary Proffer Statement if Conditional Rezoning is requested.
[X	Filing Fee.
I	X	Digital Submission of Application and all exhibits.
[X	Ensure all applicable items identified in "Rezoning Requirements" (pg 3) are addressed in the application package (concept plan, justification statement, etc). It may be necessary to attach additional documentation.
		Elevations (appearance of buildings): Two (2) paper copies reduced to 8 ½" x 11" of proposed buildings
I	X	
	_	must be submitted in addition to an electronic copy in ".pdf" format.
		Documentation of Community Meeting . Community meetings can be held after submitting an application. County staff and the Planning Commissioner representing the magisterial district in which the project is located should be notified a least a week in advance of the meeting date.
[Proffers for Conditional Rezoning.
ı		Title Report . Title Reports must be recent (a maximum of six (6) months prior to filing the application.)
[The reports must be recent (a maximum of env (e) menute prior to mining the application.)
		Traffic Impact Analysis (TIA)- County : Based upon the proposed use and/or density a traffic impact analysis may be required.
I		Traffic Impact Analysis (TIA)- County: Based upon the proposed use and/or density a traffic impact

Additional Rezoning Requirements

The applicant for rezoning shall provide a statement of justification to address the following items in the application materials to demonstrate what impact the proposed request will have on the County's resources and how the request complies with Montgomery County's comprehensive plan.

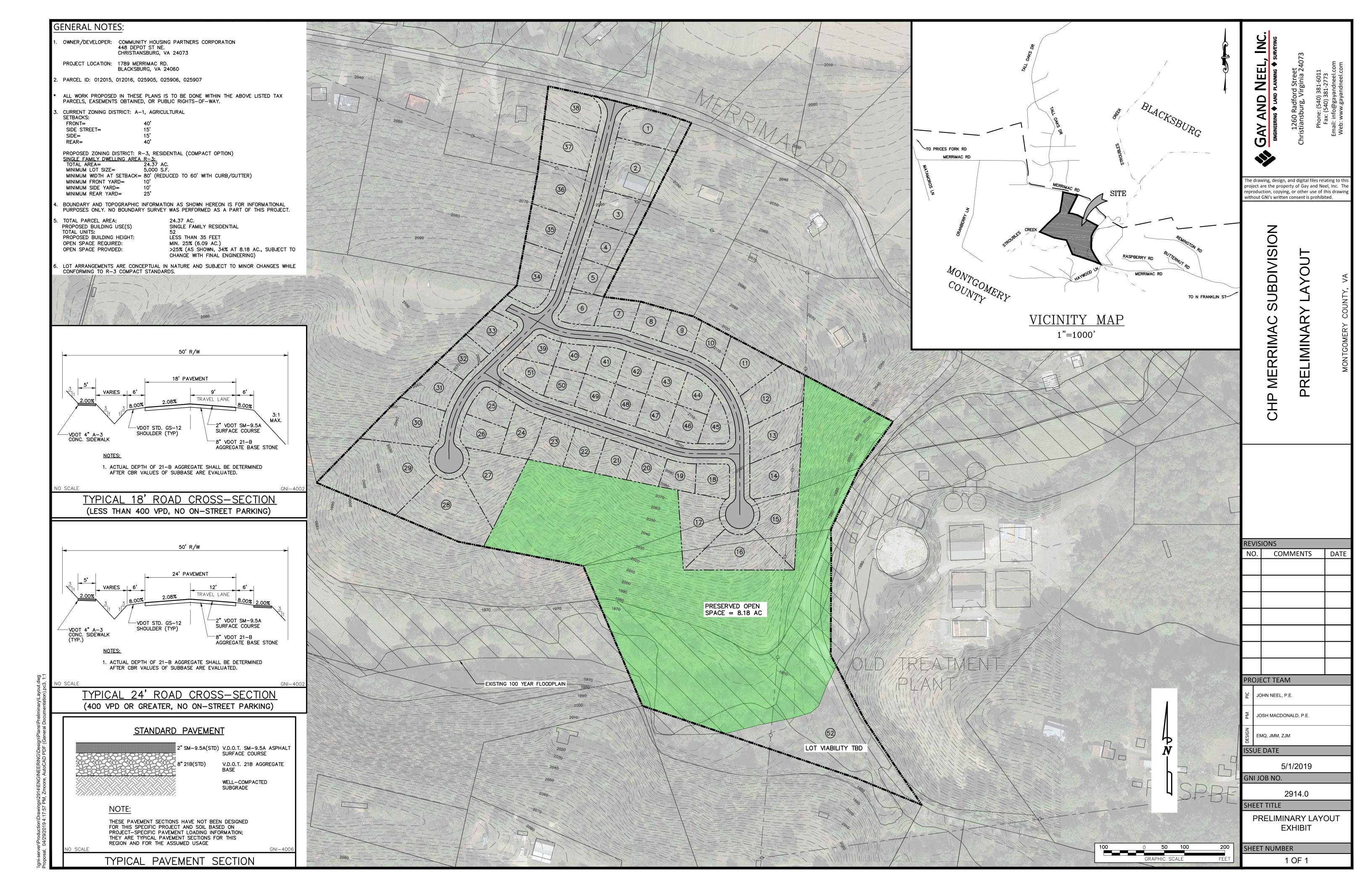
Section 10-54(1)(k)(4), Montgomery County Zoning Ordinance

- 4. Zoning Map Amendments. If the application is for a reclassification of property to a different zoning district classification on the Zoning Map, the applicant shall address all the following in its statement of justification or plat unless not applicable. The Planning Commission shall give reasonable consideration to the following matters:
 - a) Whether the proposed zoning district classification is consistent with the Comprehensive Plan. (Addressed under "3. Comprehensive Plan Justification")
 - b) Whether there are any changed or changing conditions in the area affected that make the proposed rezoning appropriate.
 - c) Whether the range of uses in the proposed zoning district classification are compatible with the uses permitted on other property in the immediate vicinity.
 - d) Whether adequate utility, sewer and water, transportation, school and other facilities exist or can be provided to serve the uses that would be permitted on the property if it were rezoned.
 - e) The effect of the proposed rezoning on the County's ground water supply.
 - f) The effect of uses allowed by the proposed rezoning on the structural capacity of the soils.
 - g) The impact that the uses that would be permitted if the property were rezoned will have upon the volume of vehicular and pedestrian traffic and traffic safety in the vicinity and whether the proposed rezoning uses sufficient measures to mitigate the impact of through construction traffic on existing neighborhoods and school areas.
 - h) Whether a reasonably viable economic use of the subject property exists under the current zoning.
 - i) The effect of the proposed rezoning on environmentally sensitive land or natural features, wildlife habitat, vegetation, water quality and air quality.
 - j) Whether the proposed rezoning encourages economic development activities in areas designated by the Comprehensive Plan and provides desirable employment and enlarges the tax base.
 - k) Whether the proposed rezoning considers the needs of agriculture, industry, and businesses in future growth.
 - I) Whether the proposed rezoning considers the current and future requirements of the community as to land for various purposes as determined by population and economic studies.
 - m) Whether the proposed rezoning encourages the conservation of properties and their values and the encouragement of the most appropriate use of land throughout the County.
 - n) Whether the proposed rezoning considers trends of growth or changes, employment, and economic factors, the need for housing, probable future economic and population growth of the county.
 - o) The effect of the proposed rezoning on the provision of moderate housing by enhancing opportunities for all qualified residents of Montgomery County.
 - p) The effect of the rezoning on natural, scenic, archaeological, or historic features of significant importance.



Rezoning Application Form
Rezoning, Conditional Zoning, Proffer Amendment
Montgomery County, Virginia
755 Roanoke St. Suite 2A, Christiansburg, VA 24073;
540-394-2148; mcplan@montgomerycountyva.gov

Application Request: (Plea							
Owner of Record (attach sepa Community Housing Partners	rate page for add'l owners):	nal owners, please attach additional sheets) Address: 448 Depot Street NE, Christiansburg, VA 24073					
Telephone: 540-382-2002	Fax: 540-382-1935	Email: mgeorge@chpc2.org					
Applicant Name: Owner Community Housing Partners	Contract Purchaser/Lessee	Address: 448 Depot Street NE, Christiansburg, VA 24073					
Telephone: 540-382-2002	Fax: 540-382-1935	Email: mgeorge@chpc2.org					
Representative Name and Col Josh MacDonald, Gay and Ne		Address: 1260 Radford Street, Christia	nsburg, VA 24073				
Telephone: 540-381-6011	Fax: 540-381-2773	Email: jmacdonald@gayandneel.com	<u>n</u>				
Property Description:							
Location or Address: (Describ 1789 Merrimac Road, Blacksb		ection)					
Parcel ID Number(s): 012016, 012015, 025905, 025	906, 025907	Acreage: 24.37	Existing Zoning: A-1				
Comprehensive Plan Designa Residential Transition	tion:	Existing Use: Single Family Home					
Description of Request: (P	lease provide additional informat	tion on attached sheet if necessary)				
Proposed Zoning (Include Acr R-3 Compact, 24.37 AC							
Proposed Use: Single Family Residential		•					
is accurate and true to the b	est of my knowledge. In a County and State of Virgin	addition, I hereby grant pern	rovided (maps or other information) hission to the agents and rty for the purposes of processing				
Owner 1 Signature			Date				
Owner 2 Signature (for add)	l owners please attach sepa	arate sheet)	Date 4/30/19				
Applicant Signature			Date /				
Representative/Agent Signa	nture		Date				





MONTGOMERY COUNTY PUBLIC SERVICE AUTHORITY

Government Center Suite 2I 755 Roanoke Street Christiansburg, VA 24073-3185

March 2, 2019

M. Todd King, Chairman Darrell O. Sheppard, Vice-Chair Mary W. Biggs, Secretary-Treasurer Sara R. Bohn, Member April N. DeMotts, Member Steve R. Fijalkowski, Member Christopher A. Tuck, Member

Robert C. Fronk, PE PSA Director

Mr. Josh MacDonald, PE

Via Email: Jmacdonald@gayandneel.com

RE: Availability No. 19-09

Merrimac Road

Parcel ID 012015, 012016, 025905,

025906 & 025907

Tax Map No. 053-12, 053-12A,

053-A 17, 17A & 17C

Water/Sewer

Dear Mr. MacDonald:

Public water and sanitary sewer may be made available to this proposed residential subdivision along Merrimac Road, Parcel ID 012015, 012016, 025905, 025906 & 025907.

Public water service would require an eight-inch water main extension to a point adjacent to all lots of this proposed subdivision from the 12" water main located along the opposite side of Merrimac Road adjacent to the subject property. The as-built plans for the 12" water main indicate an eight-inch water main was installed under Merrimac Road to the property of Parcel ID 025907. The hydraulic grade line of this water system is approximately 2284 feet MSL. The facility fee would be \$2,500.00, the connection fee would reduce to the meter cost of \$225.00 for total connection fee of \$2,725.00 per residential unit.

Sanitary sewer service would require a public sewer extension to a point adjacent to all lots of this proposed development from the BVPI Sanitation Authority sewer interceptor along the southern side of Stroubles Creek in the property of Parcel ID 025907. Due to terrain, it is uncertain if a gravity sewer main extension would serve all areas of this proposed development. If gravity sewer service is not available to all proposed lots, a public sewer force main with private individual pumps for each property may be required. The facility fee would be \$3,000.00 per residential unit.

Conditions for connection to the BVPI Sanitation Authority sewer interceptor would be identified during the plan review process. All identified conditions and costs for a connection to the BVPISA sewer would be the responsibility of the property owner.

Page Two Mr. Josh MacDonald, PE March 2, 2019

The water and sewer facilities must be designed to PSA standards by an engineer and approved by the PSA prior to construction. The owner would be required to obtain public easements for all portions of the water and sewer line extensions in private property. The owner would be responsible for the cost of the water and sewer line extensions, BVPI Sanitation Authority sewer connection, any necessary water system appurtenances, public easements, highway permits, and any other associated requirements. These designs should be incorporated into the site development plans for this development and submitted to the PSA for review. Payment of the water and sewer facility fees for all units of the development would be required prior to approval of the site plan.

This letter and stated fees are only valid to March 1, 2020.

Please be advised that all PSA water and sewer systems have a fixed number of available connections. Water and sewer capacity is reserved by payment of facility fees, provided service is currently available to the subject property. Please be advised that water and sewer fees would be charged for each residential unit such that a duplex would be considered as two residential units.

Also be advised that this development must also meet all Montgomery County Planning and Zoning Department requirements. The availability of water and sanitary sewer facilities does not by itself authorize the development of this property.

If you have questions or need additional clarification on the above information, please contact me at 381-1997.

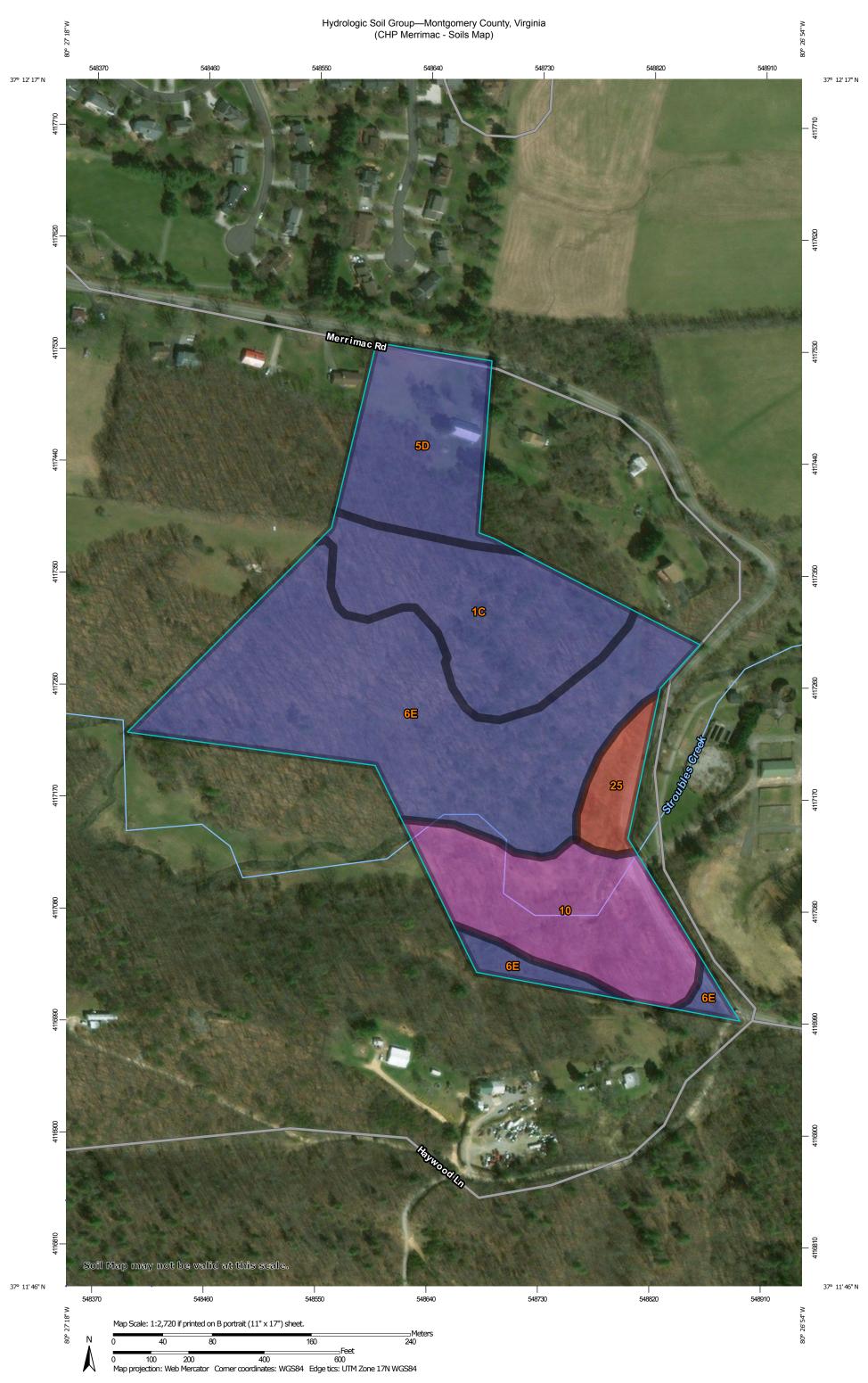
Sincerely,

Robert C. Fronk, PE

Meltell

PSA Director

cc: Montgomery Co. Planning Dept.



MAP LEGEND MAP INFORMATION The soil surveys that comprise your AOI were mapped at Area of Interest (AOI) С 1:15.800. Area of Interest (AOI) C/D Soils Warning: Soil Map may not be valid at this scale. D **Soil Rating Polygons** Enlargement of maps beyond the scale of mapping can cause Not rated or not available Α misunderstanding of the detail of mapping and accuracy of soil **Water Features** line placement. The maps do not show the small areas of A/D Streams and Canals contrasting soils that could have been shown at a more detailed В Transportation B/D Rails ---Please rely on the bar scale on each map sheet for map measurements. Interstate Highways C/D Source of Map: Natural Resources Conservation Service **US Routes** Web Soil Survey URL: D Major Roads Coordinate System: Web Mercator (EPSG:3857) Not rated or not available -Local Roads Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts Soil Rating Lines Background distance and area. A projection that preserves area, such as the Aerial Photography Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. B/D Soil Survey Area: Montgomery County, Virginia Survey Area Data: Version 11, Aug 28, 2018 C/D Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. D Not rated or not available Date(s) aerial images were photographed: Oct 22, 2012—Feb 5, 2017 **Soil Rating Points** The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background A/D imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. B/D

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
1C	Berks-Clymer complex, 7 to 15 percent slopes	В	5.3	19.4%
5D	Berks-Weikert complex, 15 to 25 percent slopes	В	3.9	14.2%
6E	Berks and Weikert soils, 25 to 65 percent slopes	В	12.3	44.7%
10	Craigsville soils	A	4.8	17.7%
25	McGary and Purdy soils	D	1.1	4.0%
Totals for Area of Intere	st		27.4	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

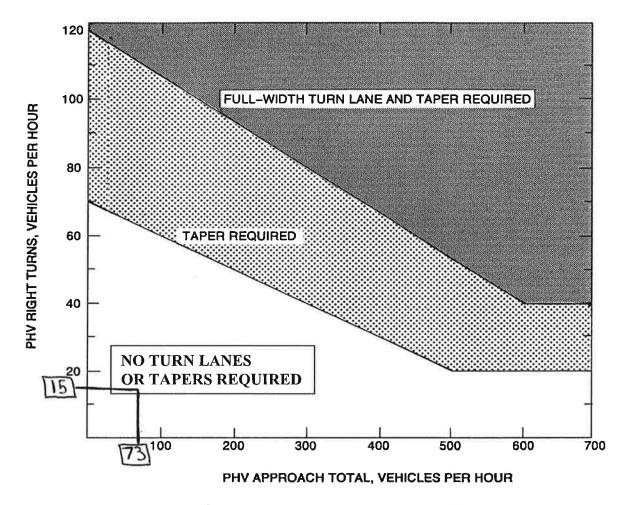
Component Percent Cutoff: None Specified

Tie-break Rule: Higher



GAY AND NEEL, INC.	(110	C 11
ENGINEERING LANDSCAPE ARCHITECTURE SURVEYING 540.381.6011 www.gayandneel.com	Job Name CHP	Suppliesion
gayananconco	Job No. 2914	Time
Second Of Communication Titles 1	By BAP	
Record Of Communication Turn Lane Analysis	Sheet No.	Of
Merrimac Rd: Reminaton RD Pr	irec Fack RD	
28.35.31.35.35.31.3	15531.01.15	
	***************************************	••••••
GOLI :TOAA		
DIR. Factor: 0.574		
K Factor: 0.113	•••••	

Single Family Detached Housing - Pe	ak Enters	
1 (=1-(an)(1-(EN)+0-3)		
$L_{\lambda}(T) = (.94)(L_{\lambda}(50)) + 0.34$ $L_{\lambda}(T) = 4.0173$		
LNC1) - 7.0113		
$(e^{4.0173}) = 7 = 55.5$	E ~ E(
	77 ~ 20	
(56) (.64 Enter) = 36 Trip		
7	2	······
TTE Trip Generation Man	nia n 1	
10th Edition, Volume 2	Part 1. Use 21	n Pare
		-
Left Tura Analysis:	-	***************************************
VPH Opposing Volume - (1200) (1-0.5	14)(0.113)= 59	8 Trips Free!
Left Turn Analysis: VPH Opposing Volume - (1200) (1-0.57) VPH Advancing Volume - (1200) (0.57) Edwancing Volume is Vehicles Heading To Peak Enters: 36 Trips	4)(0.113) = 7	8 Tries Exist
Eldvansing Volume is Vehicles Heading To	words Prices Fr	ork RD.
~ \	Total	Opposing: 58+15
Peak Enters: 36 Trips Peak Left Turn Enters (57.4%) Peak Right Turn Enters (42.6%)		<u>73</u>
Leak Fett Inco Futers 131.4%	1 = d lotal	Advancing: 78+21
real 12 Day 1 Jack FULLS (14.6%)	2 12	- 49
% Vehicles Making Left Turn Into S 21 Trips / (78+21) = 21.2%	7) N 0	
Right Toro Analysis:	***************************************	
VPH Advancing Volume = 58 Trick +	-15 = 73	
Right Thron Analysis: VPH Advancing Volume = 58 Trips + *Advancing Volume is Vehicles Heading Towar Peak Right Thron Enters (Li Reminton RD	
Peak Right Inca Enters (42.6%) : 15	



Appropriate Radius required at all Intersections and Entrances (Commercial or Private).

LEGEND

PHV - Peak Hour Volume (also Design Hourly Volume equivalent)

Adjustment for Right Turns

For posted speeds at or under 45 mph, PHV right turns > 40, and PHV total < 300.

Adjusted right turns = PHV Right Turns - 20

If PHV is not known use formula: PHV = ADT x K x D

K = the percent of AADT occurring in the peak hour

D = the percent of traffic in the peak direction of flow

Note: An average of 11% for K x D will suffice.

When right turn facilities are warranted, see Figure 3-1 for design criteria.

FIGURE 3-26 WARRANTS FOR RIGHT TURN TREATMENT (2-LANE HIGHWAY)

^{*} Rev. 1/15

WARRANT FOR LEFT-TURN STORAGE LANES ON TWO-LANE HIGHWAY

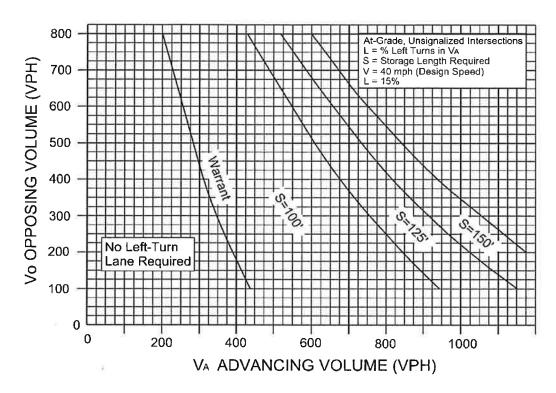


FIGURE 3-7

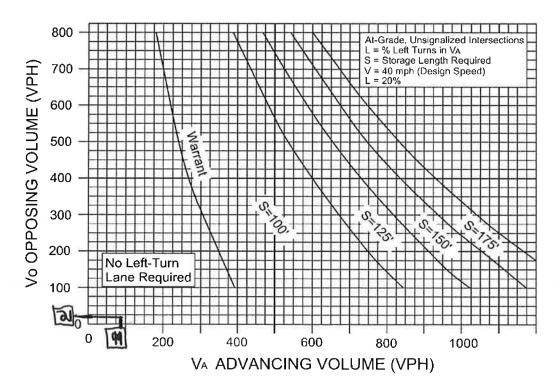


FIGURE 3-8

Virginia Department of Transportation Traffic Engineering Division 2017 Annual Average Daily Traffic Volume Estimates By Section of Route Montgomery Maintenance Area

					IVIOITE	gomerv	Maniten	ance A	ea							
Route	Length	AA	QA	4Tire	Bus		Trı 3+Axle			QC	K Fact	QK or	Dir Factor	AAWDT	QW	Year
Montgomery County																
(655) Mt Zion Rd	2.18	480	L	98%	1%	60-781 1%	Lick Run 0%	Rd 0%	0%	С	 0.12	14	0.587	500	G	2017
(655) WIL ZIOH NO	2.10	40U	۳	30 /6	1 /0		Brooksfield		0 76		ار ا	. 1	0.567	300	G	2017
		Free					Buckshot I									
(655) Glade Road	1.46	990	G	98%	1%	1%	0%	0%	0%	F	0.12	!1	0.587	1000	G	2017
		To	1	-	_	Mead	owbrook I	Or								
	0.40	N trees	پ			60-625	Big Falls	Rd			٠,			NIA		00/00/004
656 Estates Dr	0.13	45 ***	R				ıl-de-Sac				\neg^{NA}	`		NA		03/29/2013
		From						2250			=					
(657) Merrimac Rd	0.74	3000	R			00-75	3 Huff La	ie			$ _{NA}$			NA		04/18/2013
007)		To.				60.000	Tr. L.	0.1			_					
(657) Merrimac Rd	1.13	1200	N			00-808	Hightop	Kd			0.11	3	0.574	NA		04/18/2013
(637)						60.220					-		0.07			0 11 10/2011
(657) Merrimac Rd	2.47	1200	R			60-770	Remingtor	Rd			0.11	3	0.574	NA		04/18/2013
(657) 1	,	Te	ı.			60-685 W	, rices Fo	rk Rd			<u> </u>	•	0.011			0 1/ 10/2011
		Free					rices Fo									
(657) Walnut Spring Rd	1.10	480	R								_NA			NA		04/18/2013
		To .					ead End									
(Manadau On ali Dal	0.07	From	<u> </u>	070/			60-600 Tyl		00/		<u>ب</u>		0.07	0000	_	0047
(658) Meadow Creek Rd	0.27	3200	G	97%	1%	1%	0%	0%	0%	F	0.10	19	0.67	3300	G	2017
<u> </u>		To Feren		070/	1-1		27 Barn R			_				0.100		
(658) Meadow Creek Rd	0.85	3200	G	97%	1%	1%	0%	0%	0%	F	0.10	19	0.680	3400	G	2017
<u> </u>		Tie From					7 Currin R									
(658) Meadow Creek Rd	2.04	3200	G	97%	1%	1%	0%	0%	0%	F	0.10)7	0.669	3400	G	2017
<u> </u>		Ter From				60-693	Childress				\supset					
(658) Meadow Creek Rd	0.41	3000	G	97%	1%	1%	0%	0%	0%	С	0.11	1	0.624	3200	G	2017
		To.					Riner Rd									
Violegra Switch Dd	1.00	C 4 O	Ļ_		SF	E 114 W,	eppers Fe	rry Blvd						NIA		05/00/004/
659 Vickers Switch Rd	1.98	840	R		51	9 114 F	eppers Fe	rry Rivd			\neg NA	`		NA		05/02/2013
		Fecen					277									
(660) Crab Mill Rd	1.70	290	R			00-719	Switchbacl	c rea			ل NA			NA		04/23/2013
(000)		Tw		60	-661 Ch	risman Mi	II Rd; WC	L Christia	ınsburg							
		Feren			-	SWCL	Christians	ourg								
(661) Silver Lake Rd	0.98	460	R					wast.			-NA			NA		04/23/2013
\subseteq		Yes					hrisman M									
(661) Chrisman Mill Rd	0.10	310	<u> </u>			60-662 5	Silver Lake	: Rd			 			NA		04/23/2013
(661) Chrisman Mill Rd	0.10	310	R									•		IVA		04/23/2013
Chrisman Mill Dd	0.05	Form				0.10	MN 60-66	2					0.000	NIA		00/05/004/
661) Chrisman Mill Rd	0.95	190	R	_		WCL Chr	istiansburg	ı: Gun			0.13	13	0.682	NA		02/05/2016
	0.34	Firm	60			; NCL Ch		rg: Gap								
(661) Chrisman Mill Rd		750	R								NA			NA		04/23/2013
\smile		Ter					Dominion				7				_	
661 Dominion Dr	0.26	1200	R			60-760 CI	hrisman M	ıll Rd			 NA			NA		04/23/2013
(661) Dominion Dr	0.20	1200	<u> </u>			SR 114 e	ppers Ferr	v Blvd				•		IVA		04/20/2010
		Finan					hristiansb									
	0.70	270	R				- 111 JAN1 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							NA		04/23/2013
662) Silver Lake Rd		Tn				US 111	E, Radford									
662) Silver Lake Rd		To														
	0.50	From					W, Radford	1 St			٠,,			N.C.		04/00/00:
662) Silver Lake Rd 662) Silver Lake Rd	0.50	380	R		60-661	US 11 \			, D,I					NA		04/23/2013
	0.50	380	R		60-661	US 11 \Chrisman	Mill Rd; S	ilver Lake	: Rd		NA			NA		04/23/2013
	0.50	380	R	98%	60-661 0%	US 11 \Chrisman		ilver Lake	: Rd 0%	С	NA NA 0.12	-	0.519	NA 1700		2017

Single-Family Detached Housing

(210)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,

PM Peak Hour of Generator

Setting/Location: General Urban/Suburban

Number of Studies: 165

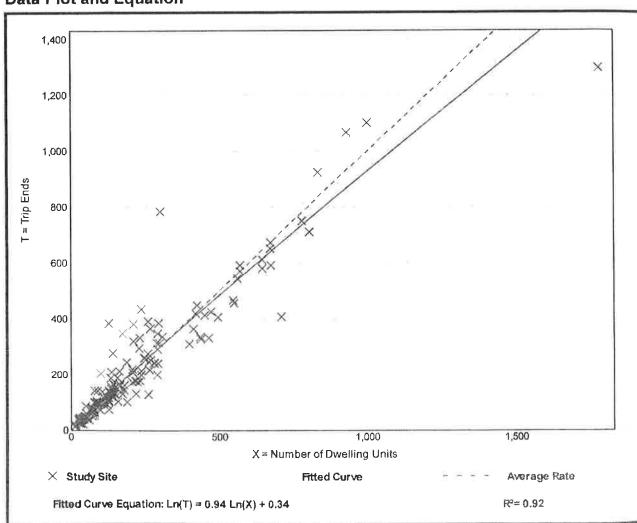
Avg. Num. of Dwelling Units: 217

Directional Distribution: 64% entering, 36% exiting

Vehicle Trip Generation per Dwelling Unit

Standard Deviation Range of Rates Average Rate 0.49 - 2.980.31 1.00

Data Plot and Equation





Single-Family Detached Housing (210)

Vehicle Trip Ends vs: Dwelling Units

On a: Weekday,

AM Peak Hour of Generator

Setting/Location: General Urban/Suburban

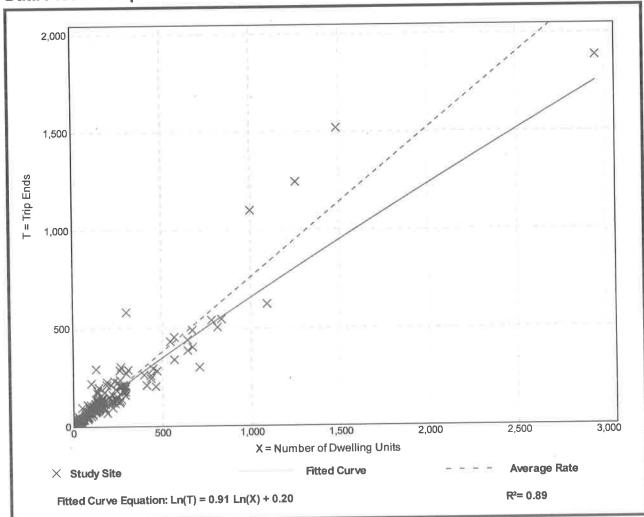
Number of Studies: 157 Avg. Num. of Dwelling Units: 231

Directional Distribution: 26% entering, 74% exiting

Vehicle Trip Generation per Dwelling Unit

Average Rate	Range of Rates	Standard Deviation		
0.76	0.36 - 2.27	0.26		

Data Plot and Equation







Memorandum of Agreement

Between the Parties:

Peggy Matusevich, owner of 1771 Merrimac and Community Housing Partners Corporation (CHP)

All parties hearby agree to the following:

In exchange for the easment shown on the attached sight distance exhibit

CHP offers: Tree clearing along the front
Property line of 1771 Mesvinge, And tree Within 18 of the front proporty line that Peggs Matusovich designates by marking
within 15 of the front property lind that Pegas
Matusavich designates by mark new
CHP offers & from the second of 18,000 (1)
- Letter Housell 1
CHP agrees: If any action by VOOT or CHP should
sorving the house at 1771 Merrimac CHP
sorving the house at 1771 Mercinae (40
Shall bear the full cost of repair.
CHP ofters: First right of return, for I limited time, to be
1 the ford doubles lot on that land complete
of free.
Michael E. George 2/1/19 Peggy Mathosey, ch 2-1-1
Michael E. George Till Teggy Wolfing with Jalan

Project Manager

Principal Broker, CHP Realty

REALTOR®, Licensed in Virginia

Peggy Matusevich, property

owner, 1771 Merrimac Rd. Blacksburg VA 24060

We are an equal housing opportunity provider. We do not discriminate on the basis of race, color, sex, national origin, religion, disability or familial status (having children under age 18). We do not interfere, threaten, or coerce persons in the exercise of their fair housing rights. We do not retaliate against persons who have asserted their rights or persons who have assisted someone in asserting their rights.



Memorandum of Agreement

Between the Parties:

Lana K. Juarez, owner of 1815 Merrimac and Community Housing Partners Corporation, and Connie B. Maduse with (John L)
All parties hearby agree to the following:

CHP to pay for a survey of 1815 Merrianse
and the parcel adjaining to the West belonging
and the parcel adjoining to the West belonging to C. Matusevichs' to secure both the VOOT consument
and adjust the line between the 2 store parcell
to include the drivening for 1815 on its property.
This adjustment to take the minimum amount possible from C. Mahravich's parcel.
Possible from C. Mahravidis parcel.
98
All new surveys to be signed by all relevent parties prior to recording in the courthouse. LHP to pay all expenses associated with this agreement
parties prior to recording in the courthouse.
(HP to my 211 expenses associated with this 20 months
All parties to be given copied of the new survey.
CHP to hire an approisant o detamine value of both 1835 and 1815 Marrina, and the land value of the adjuted area.
both 1835 and 1815 Marringe, and the land value of
the adjusted area.
Att to set 211de 2 12nd/caping bulget of 12,500 to restore 1815 Mentinge from any landrige 166 2600 to 1815 with the VOOT Estement.
1) 2.500 to cellare 1815 Mendidae from any landere
I'm allalited will the 1/00t Elden and
10) 05100100 07, 7 1 1100 000 0000
Michael E. George Connic Maturala K. Juarez, property/owner,
William Vanco Viville
Michael E. George Comic Maturalahl ara K Juarez property owner
Project Manager Dwne of: 1815 Merrimac Rd Blackshurg VA
Principal Broker CHP Realty 425 March 1015 Well Illiack Rule Diacksburg VA
REALTOR®, Licensed in Virginia
We are an equal housing opportunity provider. We do not discriminate on the basis of race, color, sex, national
we are an equal housing apportantly provider, we do not discriminate on the basis of face, color, sex, national

origin, religion, disability or familial status (having children under age 18). We do not interfere, threaten, or coerce persons in the exercise of their fair housing rights. We do not retaliate against persons who have asserted their rights or persons who have assisted someone in asserting their rights.

0





Cedar Hill Blacksburg

Approximate price \$220,000





Cedar Hill Blacksburg

Approximate price \$220,000



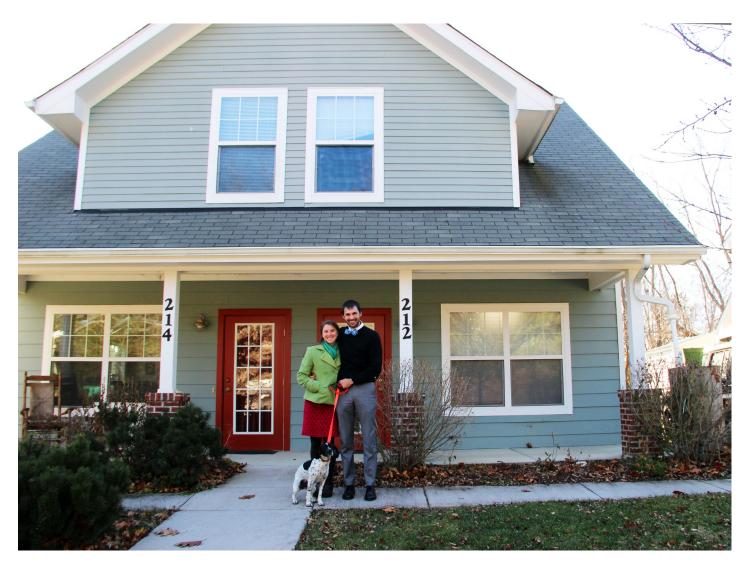


Bixby Court, Blacksburg (upper photo).

Approximate price \$190,000

Norwood St. Christiansburg (lower photo)

Approximate price \$240,000



Prospect St. Blacksburg









