



*Note: Staff reports can be accessed at [www.mncppc.org/pgco/planning/plan.htm](http://www.mncppc.org/pgco/planning/plan.htm).*

## Preliminary Plan 4-04039

Application	General Data
<b>Project Name:</b> <b>KUMBAR'S ADDITION TO SUITLAND</b>  <b>Location:</b> West side of Swann Road, approximately 300 feet south of its intersection with Mathilda Lane.  <b>Applicant/Address:</b> Kumbar, William J. 3802 East View Terrace Bowie, Maryland 20716-3205	Date Accepted: 04/27/04
	Planning Board Action Limit: 10/14/04
	Plan Acreage: 2.2
	Zone: R-55
	Lots: 9
	Election District: 06
	Planning Area: 75A
	Tier: Developed
	Council District: 07
	Municipality: N/A
200-Scale Base Map: 205SE05	

Purpose of Application	Notice Dates
RESIDENTIAL SUBDIVISION	Adjoining Property Owners Previous Parties of Record Registered Associations: (CB-58-2003)
	Sign(s) Posted on Site: 08/30/04

Staff Recommendation		Staff Reviewer: Tom Lockard	
APPROVAL	APPROVAL WITH CONDITIONS	DISAPPROVAL	DISCUSSION
	X		

THE MARYLAND-NATIONAL CAPITAL  
PARK AND PLANNING COMMISSION

PRINCE GEORGE'S COUNTY PLANNING BOARD

STAFF REPORT

SUBJECT: Preliminary Subdivision Plat 4-04039  
Kumbar's Addition to Suitland, Lots 1-9

OVERVIEW

The site contains approximately 2.2 acres of R-55-zoned land. It is a single deed parcel (P.95). The applicant is proposing to subdivide the site into nine lots. There is an existing dwelling unit on the property that is to be removed. Access to seven of the proposed lots would be from a new road, Kumbar Way, off Swann Road. The remaining two lots would access Swann Road.

SETTING

The site is located on the west side of Swann Road, approximately 300 feet south of its intersection with Mathilda Lane. The northern half of the site is wooded, while the southern half is developed with an abandoned single-family residence and several small outbuildings. All of the existing buildings are to be removed. The surrounding properties are zoned R-55 and are developed with single-family residences.

FINDINGS AND REASONS FOR STAFF RECOMMENDATION

1. **Development Data Summary**—The following information relates to the subject preliminary plan application and the proposed development.

	<b>EXISTING</b>	<b>PROPOSED</b>
Zone	R-55	R-55
Uses	Single-Family Residence	Single-Family Residences
Acreage	2.2	2.2
Lots	0	9
Parcels	1	0
Single-Family Residences	1 (to be razed)	9

2. **Environmental**—The site is characterized by terrain sloping gradually toward the west and draining into unnamed tributaries of the Henson Creek watershed in the Potomac River basin. There are no streams, Waters of the U.S., 100-year floodplain, or Marlboro clays found to occur on the site. The subject property is characterized with highly erodible soils that could impact the development of the site due to possible wetlands on site, of which verification from the U.S. Army Corps of Engineers is still pending. Swann Road is a collector roadway generally not regulated for noise. The soils found to occur on the site, according to the Prince George's County Soil Survey, are Beltsville, Croom, and Matapeake. These soil types generally exhibit slight to moderate limitations to development due to perched water table, impeded drainage, and steep slopes. There

are no rare, threatened, or endangered species located in the vicinity of this property based on information provided by the Maryland Department of Natural Resources, Natural Heritage Program. There are no designated scenic and historic roads adjacent to this property. This property is located in the Developed Tier as delineated on the approved General Plan.

### **Tree Conservation**

A forest stand delineation (FSD) has been submitted for this proposal and was thought to require revisions to comply with the Woodland Conservation Ordinance. However, a field visit conducted by staff on June 11, 2004, confirms that the delineation and relevant information as provided were correct and generally found to address the requirements for detailed FSD and tree conservation plan.

This property is subject to the provisions of the Prince George's County Woodland Conservation Ordinance because the gross tract is in excess of 40,000 square feet in size and it contains more than 10,000 square feet of existing woodland. A Type I Tree The Conservation Plan, TCPI/43/04, has been reviewed and was found to conform to the requirements of the Woodland Conservation Ordinance. The minimum woodland conservation requirement for the site is 0.44 acre. An additional 0.55 acre is required due to the removal of woodlands under the current proposal for a total woodland conservation requirement of 0.99 acre. The plan shows the requirement being met with 0.99 acre of off-site mitigation.

### **Noise**

Noise is not a major consideration in the review because Swann Road is a collector roadway and not generally regulated for noise. Suitland Parkway is an arterial roadway and a noise generator that is located approximately 200 feet south of the subject property; however, noise is not an issue at this time due to the distance. No additional information is required with regards to noise impacts at this time.

### **Water and Sewer Categories:**

The property is in water category W-3 and sewer category S-3 according to water and sewer maps obtained from the Department of Environmental Resources dated June 2003.

3. **Community Planning**—The property is in Planning Area 72/Suitland Community. The 2002 General Plan places the property in the Developed Tier. The vision for the Developed Tier is a network of sustainable, transit-supporting, mixed-use, pedestrian-oriented, medium- to high-density neighborhoods. This application is not inconsistent with the 2002 General Plan Development Pattern policies for the Developed Tier. The 1985 approved Suitland-District Heights and Vicinity Master Plan recommends suburban residential densities for single-family residences. This application conforms to the master plan recommendation.
4. **Parks and Recreation**—In accordance with Section 24-134 of the Subdivision Regulations, the Park Planning and Development Division recommends that the applicant pay a fee-in-lieu of parkland dedication because the land available for dedication is unsuitable due to its size and location. The proposed preliminary plan is consistent with the land use recommendations of the master plan and General Plan.
5. **Trails**—There are no master plan trails issues identified in the 1985 approved Suitland-District Heights and Vicinity Master Plan or the countywide trails plan. A standard sidewalk is

recommended along both sides of Kumbar Way and the site's frontage along Swann Road, per the concurrence of Department of Public Works & Transportation.

6. **Transportation**—The applicant has not prepared a traffic impact study. It was not required by the transportation staff based on the proposed use of the site. Based on the nine single-family units, the proposed development would generate 7 AM and 8 PM peak-hour vehicle trips as determined using the *Guidelines for the Analysis of the Traffic Impact of Development Proposals* (revised September 2002).

The site is within the Developed Tier, as defined in the General Plan for Prince George's County. As such, the subject property is evaluated according to the following standards:

**Links and signalized intersections:** Level-of-Service (LOS) E, with signalized intersections operating at a critical lane volume (CLV) of 1,600 or better.

**Unsignalized intersections:** The *Highway Capacity Manual* procedure for unsignalized intersections is not a true test of adequacy but rather an indicator that further operational studies need to be conducted. Vehicle delay in any movement exceeding 50.0 seconds is deemed to be an unacceptable operating condition at unsignalized intersections. In response to such a finding, the Planning Board has generally recommended that the applicant provide a traffic signal warrant study and install the signal (or other less costly warranted traffic controls) if deemed warranted by the appropriate operating agency.

### Staff Comments

As a result of field surveys by the transportation staff, the intersection of Meadowview Drive and Suitland Road, and not MD 458 and Swann Road as suggested at the time of initial view, is deemed to be the critical intersection for this site. The traffic generated by the proposed preliminary plan would impact the intersection of Meadowview Drive and Suitland Road, which is not signalized. The critical intersection is not programmed for improvement with 100 percent construction funding in the current Prince George's County FY 2005-2010 Capital Improvements Program.

The applicant submitted a traffic count for the intersection of Meadowview Drive and Suitland Road. The traffic count was taken during July 2004. During the AM peak hour there is currently a delay of 10.4 seconds and during the PM peak hour 16.5 seconds, based on the submitted traffic count. With background development, which includes annual growth and a seasonal adjustment for the traffic count, the AM peak-hour delay becomes 11.0 seconds and the PM peak-hour delay becomes 19.0 seconds. Site traffic generates negligible amounts of delay—AM peak-hour delay of 11.5 seconds and PM peak-hour delay of 19.7 seconds. Therefore, under existing and future traffic, the critical intersection would operate acceptably under the Planning Board's guidelines.

The site would be accessed by Swann Road with a 60-foot right-of-way. Appropriate dedication is shown on the site plan. A new subdivision road, Kumbar Way, will access Swann Road. Several lots appear to have driveway access to Swann Road; this is acceptable. Kumbar Way is shown with a possible future connection to adjacent properties; this is a preferable option. The site is not within or adjacent to any master plan transportation facilities.

### Transportation Finding

Based on the preceding findings, the Transportation Planning Section finds that adequate transportation facilities would exist to serve the proposed subdivision as required under Section

24-124 of the Prince George's County Code. No transportation-related conditions are recommended at this time.

7. **Schools**—The Historic Preservation and Public Facilities Planning Section has reviewed this subdivision plan for adequacy of school facilities in accordance with Section 24-122.02 of the Subdivision Regulations and CB-30-2003 and CR-23-2003 and concluded the following:

**Finding**

Impact on Affected Public School Clusters

Affected School Clusters #	Elementary School Cluster 7	Middle School Cluster 4	High School Cluster 4
Dwelling Units	9 sfd	9 sfd	9 sfd
Pupil Yield Factor	0.24	0.06	0.12
Subdivision Enrollment	2.16	0.54	1.08
Actual Enrollment	36,236	11,113	16,710
Completion Enrollment	209.04	52.26	95.81
Cumulative Enrollment	293.28	73.32	146.64
Total Enrollment	36,740.48	11,239.12	16,953.53
State-Rated Capacity	38,817	10,375	14,191
Percent Capacity	94.65	108.33	119.47

Source: Prince George's County Planning Department, M-NCPPC, December 2003

These figures are correct on the day the referral memo was written. They are subject to change under the provisions of CB-30-2003 and CR-23-2003. Other projects that are approved prior to the public hearing on this project will cause changes to these figures. The numbers shown in the resolution will be the ones that apply to this project.

County Council bill CB-31-2003 establishes a school facilities surcharge in the amount of: \$7,000 per dwelling if a building is located between I- 495 and the District of Columbia; \$7,000 per dwelling if the building is included within a basic plan or conceptual site plan that abuts an existing or planned mass transit rail station site operated by the Washington Metropolitan Area Transit Authority; or \$12,000 per dwelling for all other buildings.

The school surcharge may be used for the construction of additional or expanded school facilities and renovations to existing school buildings or other systemic changes.

The Historic Preservation and Public Facilities Planning Section staff finds that this project meets the adequate public facilities policies for school facilities contained in Section 24-122.02, CB-30-2003 and CB-31-2003 and CR-23-2003.

8. **Fire and Rescue**—The Historic Preservation and Public Facilities Planning Section has reviewed this subdivision plan for adequacy of public facilities and concluded the following.

The existing fire engine service at Silver Hill Fire Station, Company 29, located at 3900 Silver Hill Road has a service travel time of 3.11 minutes, which is within the 5.25-minute travel time guideline.

The existing ambulance service at Silver Hill Fire Station, Company 29, located at 3900 Silver Hill Road has a service travel time of 3.11 minutes, which is within the 6.25-minute travel time guideline.

The existing paramedic service at Silver Hill Fire Station, Company 29, located at 3900 Silver Hill Road has a service travel time of 3.11 minutes, which is within the 7.25-minute travel time guideline.

The proposed subdivision will be within the adequate coverage area of the nearest existing fire/rescue facilities for fire engine, ambulance and paramedic service.

The above findings are in conformance with the standards and guidelines contained in the *Approved Public Safety Master Plan (1990)* and the *Guidelines for the Analysis of Development Impact on Fire and Rescue Facilities*.

9. **Police Facilities**—The proposed development is within the service area for Police District III-Landover. The Planning Board’s current test for police adequacy is based on a standard for square footage in police stations relative to the number of sworn duty staff assigned. The standard is 115 square feet per officer. As of 1/2/04, the county had 823 sworn staff and a total of 101,303 square feet of station space. Based on available space, there is the capacity for an additional 57 sworn personnel. This police facility will adequately serve the population generated by the proposed subdivision.
10. **Health Department**—The Health Department reviewed the application and had the following comment to offer:
  - “1. A raze permit must be obtained through the Department of Environmental Resources prior to the removal of any existing buildings. Any hazardous materials located in any structures on site must be removed and properly stored or discarded prior to the structures being razed.
  - “2. Any abandoned well found within the confines of the property must be backfilled and sealed in accordance with COMAR 26.04.04 by a licensed well driller or witnessed by a representative of the Health Department.
  - “3. The abandoned septic tank found within the confines of the property must be pumped out by a licensed scavenger and either removed prior to grading or backfilled in place as part of the grading permit.”
11. **Stormwater Management**—The applicant has not yet received stormwater concept approval from the Department of Environmental Resources. A copy of the concept approval letter is necessary prior to signature approval of the preliminary plan.
12. **Cemeteries**—There are no known cemeteries on the subject property.
13. **Public Utility Easement**—The preliminary plan shows a ten-foot-wide public utility easement adjacent to both Kumbar Way and Swann Road.

## RECOMMENDATION

APPROVAL, subject to the following conditions:

1. The following note shall be placed on the final plat of subdivision:

“Development is subject to restrictions shown on the approved Type I Tree Conservation Plan (TCPI/49/04), or as modified by the Type II Tree Conservation Plan, and precludes any disturbance or installation of any structure within specific areas. Failure to comply will mean a violation of an approved Tree Conservation Plan and will make the owner subject to mitigation under the Woodland Conservation/Tree Preservation Policy.”
2. Prior to the issuance of permits, a Type II tree conservation plan shall be approved.
3. A raze permit shall be obtained through the Department of Environmental Resources prior to the removal of any existing buildings. Any hazardous materials located in any structures on site shall be removed and properly stored or discarded prior to the structures being razed.
4. Any abandoned well found within the confines of the property shall be backfilled and sealed in accordance with COMAR 26.04.04 by a licensed well driller or witnessed by a representative of the Health Department.
5. Any abandoned septic tank found within the confines of the property must be pumped out by a licensed scavenger and either removed prior to grading or backfilled in place as part of the grading permit.
6. A stormwater management concept plan shall be approved and the approval number and date shall be added to the preliminary plan prior to signature approval.
7. Standard sidewalks shall be provided along the frontage of Swann Road and along both sides of Kumbar Way, per the concurrence of Department of Public Works & Transportation.

STAFF RECOMMENDS APPROVAL OF THE TYPE I TREE CONSERVATION PLAN, TCPI/43/04.