## Mitchell Traffic Engineering LLC

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January 24, 2022

Mr. John Finguerra Evergreen Walk LLC 1109 Rose Lane Virginia Beach VA 23451

RE: Evergreen Walk

**Modification to the General Plan of Development** 

Unit 7C Residential Traffic Impact Statement

Dear Mr. Finguerra:

We have prepared this Traffic Impact Statement to address the change in traffic generation and the impact of this change that will result from a proposed modification to the existing approved General Plan of Development for the above referenced project.

As noted in the land use table on the General Plan, the previously approved development consists of the following land uses:

**Existing Approved Land Uses** 

Retail 600,480 SF Office 230,440 SF Indoor Recreation 45,000 SF

 Hotel
 108 Rooms (72,000 SF)

 Residential
 200 Units (246,550 SF)

 Institutional
 400 Units (480,000 SF)

This proposed modification will make the following changes to the approved land uses:

- Eliminate 30,950 SF of office use and 70 parking spaces from the General Plan
- Remove all Retail (9,209 SF and 46 parking spaces) from Unit 7C
- Place 9,209 SF Retail and 46 parking spaces on Unit 8
- Add 165 units of residential apartments on Unit 7C with 313 parking spaces

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Table 1, attached, summarizes the existing approved General Plan, the proposed changes, and the final development that will result from this change.

This letter addresses the change in traffic that is anticipated as a result of the proposed General Plan modification, which eliminates 30,950 SF of office use and adds 165 residential dwelling units.

Using the *Trip Generation* data base, published by *the Institute of Transportation Engineers (ITE)* with supplements through 2020, the traffic generated by the eliminated office use and the replacement residential use were calculated, with the results summarized in Table 2. Note that the computation of the traffic for the office is based on "Medical Office", to be consistent with the actual development already found throughout the site.

Table 2 shows that this land use change is projected to reduce daily traffic by approximately 200 generated vehicles. During the morning and afternoon commuter peak hours, and the Saturday mid-day shopping peak hour generated traffic will be reduced by between 25 and 35 vehicles per hour.

It is therefore our conclusion that the proposed modification to the General Plan will result in a reduction of overall site generated traffic and will have no negative impact on the safe traffic operations in the area.

We will be happy to respond to any comments or questions from the Town staff or Commission regarding this traffic statement.

Very truly yours,

MITCHELL TRAFFIC ENGINEERING LLC

Stephen F. Mitchell, PE

Table 1 **Land Use Summary** 

## Revised December 9, 2022 for Residential Square Footage

|                                | · · · · · · · · · · · · · · · · · · ·          |           |         |         |                             |         |                                       |           |         |  |
|--------------------------------|--|-----------|---------|---------|-----------------------------|---------|---------------------------------------|-----------|---------|--|
|                                | Existing General Plan (as Previously Approved) |           |         |         | sed General<br>Modification | Plan    | Total New General Plan<br>Development |           |         |  |
|                                | Square   | #Units/   | Parking | Square  | #Units/                     | Parking | Square                                | #Units/   | Parking |  |
| Land Use                       | Footage  | Rooms     | Spaces  | Footage | Rooms                       | Spaces  | Footage                               | Rooms     | Spaces  |  |
| Retail                         | Tootage  | 11001113  | Jopaces | 1001050 | 1.001113                    | Spaces  | Tootage                               | 1.001113  | Spaces  |  |
| The Shops at Evergreen Walk    | 284,750  |           | 1,709   |         |                             |         | 284,750                               |           | 1,709   |  |
| The Shops at Evergreen Walk    | 90,250   |           | 542     |         |                             |         | 90,250                                |           | 542     |  |
| Wright Property (Unit 5)       | 50,000   |           | 250     |         |                             |         | 50,000                                |           | 250     |  |
| Unit 7C                        | 9,209  |           | 46      | -9,209  |                             | -46     | 0                                     |           | 0       |  |
| Unit 7F                        | 5,000  |           | 25      | -9,209  |                             | -40     | 5,000                                 |           | 25      |  |
| Unit 8                         | 0  |           | 0       | 10.200  |                             | +46     |                                       |           | 46      |  |
| Unit 12/13                     | 161,271  |           | 674     | +9,209  |                             | +40     | 9,209<br>161,271                      |           | 674     |  |
| •                              | ,  |           |         |         |                             |         |                                       |           | -       |  |
| Total Retail                   | 600,480  |           | 3,246   |         |                             |         | 600,480                               |           | 3,246   |  |
| Office.                        |  |           |         |         |                             |         |                                       |           |         |  |
| Office                         | 2.070  |           | 20      |         |                             |         | 2.070                                 |           | 20      |  |
| The Shops at Evergreen Walk    | 3,870  |           | 20      |         |                             |         | 3,870                                 |           | 20      |  |
| ECHN Medical Center            | 39,820   |           | 200     |         |                             |         | 39,820                                |           | 200     |  |
| Office - South I & II          | 58,800   |           | 296     |         |                             |         | 58,800                                |           | 296     |  |
| Unit 14                        | 15,000   |           | 61      |         |                             |         | 15,000                                |           | 61      |  |
| 7E & 7D                        | 12,000   |           | 59      |         |                             |         | 12,000                                |           | 59      |  |
| Unit 7C                        | 30,950   |           | 70      | -30,950 |                             | -70     | 0                                     |           | 0       |  |
| Wright Property (Unit 5)       | 60,000   |           | 290     |         |                             |         | 60,000                                |           | 290     |  |
| Total Office                   | 220,440  |           | 996     |         |                             |         | 189,490                               |           | 926     |  |
|                                | 40.000   |           | 40      |         |                             |         | 10.000                                |           | 40      |  |
| Daycare                        | 10,000   |           | 40      |         |                             |         | 10,000                                |           | 40      |  |
| Recreation                     |  |           |         |         |                             |         |                                       |           |         |  |
| L.A. Fitness at Evergreen Walk | 45,000   |           | 310     |         |                             |         | 45,000                                |           | 310     |  |
| Hotel                          |  |           |         |         |                             |         |                                       |           |         |  |
| Hotel - North & South          | 72,000   | 108 Rooms | 116     |         |                             |         | 72,000                                | 108 Rooms | 116     |  |
| Residential                    |  |           | İ       |         |                             |         | -                                     |           |         |  |
| The Residences at Town Square  | 246,550  | 200 Units | 350     |         |                             |         | 246,550                               | 200 Units | 350     |  |
| Unit 7C                        | 0  | 0         | 0       | 216,337 | +165 Units                  | +313    | 216,337                               | 165 Units | 313     |  |
| Total Residential              | 246,550  | 200 Units | 350     | ,       |                             |         | 462,887                               | 365 Units | 663     |  |
|                                | •  |           |         |         |                             |         | •                                     |           |         |  |
| Institutional                  |  |           |         |         |                             |         |                                       |           |         |  |
| Unit 8 - Independent Living    | 180,000  | 140 Units | 155     |         |                             |         | 180,000                               | 140 Units | 155     |  |
| Unit 16 - Assisted Living      | 115,000  | 120 Units | 84      |         |                             |         | 115,000                               | 120 Units | 84      |  |
| Unit 3/4 - Independent Living  | 185,000  | 140 Units | 163     |         |                             |         | 185,000                               | 140 Units | 163     |  |
| Total Institutional            | 480,000  | 400 Units | 402     |         |                             |         | 480,000                               | 400 Units | 402     |  |
|                                | ,  |           |         |         |                             |         | ,                                     |           |         |  |
| 1                              |  | ·         |         |         |                             |         |                                       | -         |         |  |

Table 2 **Trip Generation Summary** 

| Use         | Size               | Daily Traffic |      |       | AM Peak Hour |      |       | PM Peak Hour |      |       | Sat Peak Hour |      |       |
|-------------|--------------------|---------------|------|-------|--------------|------|-------|--------------|------|-------|---------------|------|-------|
|             |                    | Enter         | Exit | Total | Enter        | Exit | Total | Enter        | Exit | Total | Enter         | Exit | Total |
| Office      | 30,950 SF          | 550           | 550  | 1100  | 67           | 19   | 86    | 30           | 77   | 107   | 58            | 44   | 102   |
| Residential | 165 Dwelling Units | 449           | 449  | 898   | 15           | 44   | 59    | 44           | 29   | 73    | 37            | 39   | 76    |
| Change      | in Generation      | -101          | -101 | -202  | -52          | 25   | -27   | 14           | -48  | -34   | -21           | -5   | -26   |

Note: A negative number represents a reduction in generated traffic.