



SITE DATA:

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| PROPERTY OWNER | ESSEX FIVE LLC |
| PROJECT ADDRESS | 5723 MARKET ST. |
| PROJECT NUMBER | R05009-004-026-000 |
| AREA NOT IN A FEMA 100-YEAR FLOOD ZONE | |
| ZONING DISTRICT | RB-REGIONAL BUSINESS |
| DISTURBED AREA | 2.0 Ac. x 15 = 30 Trees 2" Cal. Req'd & Prov'd |
| SETBACKS REQUIRED | FRONT: 25' REAR: 15' SIDE: 0' |

| | |
|--------------------------------------|---------------------------------------|
| PROPOSED BUILDING SETBACKS | FRONT: 110' REAR: 11' SIDE: 55' |
| TRACT AREA | 77,347 SF (1.78 AC) |
| BUILDING USE | AUTOMOBILE DEALER |
| PROPOSED BUILDING AREA (GROSS) | 7,120 SF |
| BUILDING LOT COVERAGE (3,560/77,347) | 9.2%/% |
| NUMBER OF UNITS | 1 |
| NUMBER OF BUILDINGS | 1 |
| BUILDING HEIGHT | 27' |
| NUMBER OF STORIES | 1 |

EXISTING IMPERVIOUS AREAS:

| | |
|--------------------------|-------------|
| EXISTING BUILDING | 0 SF |
| EXISTING CONCRETE | 0 SF |
| EXISTING CRUSHED STONE | 0 SF |
| EXISTING ASPHALT | 0 SF |
| EXISTING IMPERVIOUS AREA | 0 SF (0%/%) |

PROPOSED IMPERVIOUS AREAS:

| | |
|-----------------------------|---------------------|
| PROPOSED BUILDING FOOTPRINT | 7,120 SF |
| PROPOSED ASPHALT | 45,560 SF |
| PROPOSED SIDEWALK | 235 SF |
| EXISTING IMPERVIOUS | 0 SF |
| TOTAL IMPERVIOUS AREA | 52,915 SF (68.4%/%) |

PARKING REQUIRED: (AUTOMOBILE DEALERS)

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|-------------------------------|----|
| MAXIMUM: NONE | - |
| MINIMUM: 1/500 SF (7,120/500) | 14 |
| TOTAL PARKING PROVIDED: | 92 |

CAMA LAND USE:

| | |
|-------|--|
| URBAN | |
|-------|--|

PUBLIC WATER AND SEWER BY CFPWA

| | |
|---------------------------------------|---------|
| EXISTING WATER FLOW: | 0 GPD |
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| PROPOSED WATER FLOW: | 939 GPD |
| (120 GPD/1000 SF x 7,120 SF x 110%/%) | |
| PROPOSED SEWER FLOW: | 854 GPD |
| (120 GPD/1000 SF x 7,120 SF) | |

HANDICAP SPACES REQUIRED

| | |
|---------------------------------|-------------------|
| (1.25 SPACES= 1 HANDICAP SPACE) | PROPOSED |
| 87 SPACES/25=1 | 4 HANDICAP SPACES |

BICYCLE PARKING REQUIRED (87 SPACES)

| | |
|-----------------|--|
| 5 BICYCLE PARKS | |
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S. College Rd. Primary Streetyard:
 165 x 25'w = 4125sf Req'd. landscape
 3 understory trees per 600sf = 7 trees
 6 shrubs per 600sf = 41 shrubs

A rain/freeze sensor shall be used if there is an irrigation system.
 USING THE CREATIVE STANDARD OF THE CODE 50% OF THE STREETYARDS SHALL BE PLANTED AS CALLED OUT.

PROPOSED IMPERVIOUS AREA 45,560 SF x 20% shading req'd. = 9,112 sf
 PARKING / DRIVEWAYS 50% Shading prov'd.

LEGEND

| COMMON NAME | SIZE | QTY | |
|-----------------------|--------|-----|--------|
| SHRUB, BROADLEAF | | | |
| Boxwood, Wintergreen | 3 GAL. | 60 | 3' Ht. |
| Holly, Needlepoint | 7 GAL. | 27 | |
| Azalea Fashion | 3 GAL. | 27 | |
| Miscanthus Sinensis | 3 GAL. | 14 | |
| Knockout Rose | 3 GAL. | 15 | |
| Yew, Upright Japanese | 7 GAL. | 16 | 3' Ht. |
| Drift Rose, White | 3 GAL. | 15 | |

| SHRUB, EVERGREEN CONIFER | SIZE | QTY | |
|--------------------------|----------|-----|--|
| Juniper, Parsoni | 3 GAL. | 29 | |
| TREE, DECIDUOUS | | | |
| Crape Myrtle Tuscarora | 25" CAL. | 5 | |
| Hornbeam, European | 25" CAL. | 13 | |
| Oak, Sawtooth | 25" CAL. | 7 | |

Foundation Planting:

North side: 36'L x 12.5'Ht. x .12 = 54sf
 114sf Provided

East side: 74'L x 12.5'Ht. x .12 = 111sf
 180sf Provided

West side: 70'L x 12.5'Ht. x .12 = 105sf
 153sf Provided

South side: 83'L x 12.5'Ht. x .12 = 125sf
 162sf Provided

The areas within the triangular sight distance shall be maintained free of all obstructions between 30' and 10'.

PLEASE TO ANY CLEARING, GRADING OR CONSTRUCTION ACTIVITY, TREE PROTECTION SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE PROJECT. NO CONSTRUCTION MATERIALS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCE.

All planted and retained living material required to meet the provisions of the City of Wilmington Land Development Code, shall be perpetually protected and maintained to professionally accepted standards by joint and several responsibility of the owner, tenant and respective agents of the property on which the material is located.

STORMWATER MANAGEMENT PLAN APPROVED CITY OF WILMINGTON ENGINEERING DEPARTMENT DATE PERMIT # SIGNED

Approved Construction Plan Name Date Planning Traffic Fire

Revision #:
 Date: 3/29/2016

Scale:
 1" = 30'

Landscape Plan:
 Matthews Motors

JIM@FREEMANLANDSCAPE.COM 910-796-1166
 Landscape Design by: James Freeman - NCLC# 71
 Freeman Landscape, Inc.