TREE PRESERVATION, GRADING, & STORMWATER MANAGEMENT NOTES:

1. There are no endangered species or habitat basins. Classification C, Sw.
2. No Cemeteries were evidenced on the site.
3. Prior to any clearing, grading, or public utility easements, or vehicular movements within the tree protection fencing, all existing vegetation has been located and labeled.
4. Tree preservation, grading, and stormwater management is required to be completed prior to grading and utilities.
5. There are no restrictions on the use of the tree protection fencing.
6. The tree protection fencing is not to be opened or removed.
7. Creation of a development plan is the responsibility of the owner.
8. Tree preservation, grading, and stormwater management notes are to be completed prior to grading and utilities.

MANAGEMENT NOTES:

1. Site inventory notes:
   - All species are to be protected.
   - No endangered species or habitat basins.
   - No Cemeteries were evidenced on the site.
   - All existing vegetation has been located and labeled.
   - Tree preservation, grading, and stormwater management is required to be completed prior to grading and utilities.
   - Tree protection fencing is not to be opened or removed.
   - Creation of a development plan is the responsibility of the owner.
   - Tree preservation, grading, and stormwater management notes are to be completed prior to grading and utilities.

REVISED PER COUNTY EROSION COMMENTS 10/28/14
REVISED PER UTILITY AND GRADING CHANGES 11/18/14

THE SOLSTICE LOFTS
4810 Randal Parkway
Wilmington, North Carolina

JFC
AND WERE TAKEN FROM CAD CROSS UOA 12.
11.
6.
3.
G&I VI MILL CREEK LP

ALL SIDEWALKS SHALL BE 5-Feet IN WIDTH, UNLESS OTHERWISE NOTED.

REQUIRED BY THE CITY OF WILMINGTON LAND DEVELOPMENT CODE

ALL SIDEWALKS THAT ABUT PARKING SHALL BE TURNED DOWN AND BE 7-Feet IN WIDTH.

SPECIFICATIONS.

ALL REQUIRED IMPROVEMENTS SHALL CONFORM TO CITY OF WILMINGTON STANDARDS AND

ANY FREESTANDING SIGN(S) ON THE SITE SHALL BE MONUMENT STYLE WITH LANDSCAPING AROUND

DENOTES VAN ACCESSIBLE PARKING SPACE.

FILE PROVIDED BY THE NCDOT

IMPROVEMENTS SHOWN FOR

AND WERE TAKEN FROM CAD

RIGHT-OF-WAY

5

15.5'

15.5'

S. KERR AVENUE

N08°05'57"W

86.48'

119.36'

8.5'

27.34'

R15'

7' WALK

L=54.73'

8.5'

20'

163.10'

N77°45'42"E

127.14'

8.5'

8.5'

98.76'

R25'

R15'

AREA PROVIDED IS TOTAL TRACT AREA (242,629 SF)

MINUS COVERED SURFACES (124,440 SF),

AND FENCED BUFFERS (18,061 SF)

OPEN SPACE PROVIDED (POST R/W DEDICATION):

OPEN SPACE CALCULATIONS:

BIKE PARKING PROVIDED:

BIKE PARKING REQUIRED:

REQUIRED PARKING (QUAD UNITS):

PASSIVE REC. AREA PROVIDED:

PRESENTED TO: THE LOFTS AT RANDALL LLC

OWNER/DEVELOPER: THE LOFTS AT RANDALL LLC

PARCEL NUMBERS:

PROJECT: THE SOLSTICE LOFTS

ZONING: R-10

PHONE: 919-380-0446

CARY, NC 27513

PHONE: 919-552-4845

313711-67-6221.000

DB 5298, PG 1819

313711-77-1253.000

DB 4073, PG 784

4810 RANDALL PARKWAY

PROJECT NUMBER:

REVISED PER COUNTY EROSION COMMENTS 10/28/14

SITE LAYOUT

The Solstice Lofts

4810 Randall Parkway

Wilmington, North Carolina

PERMEABLE PAVEMENT

ACTIVITIES PROHIBITED:

RE-BEDDING
RE-SURFACING
STORAGE OF WOOD OR SOIL
STORAGE OF SAND PELLS
APPLICATION OF SALT OR DE-ICERS

TRAFFIC CONTROL NOTES

A UTILITY CUT PERMIT IS REQUIRED FOR EACH OPEN CUT OF A CITY STREET.

ALL PAVEMENT MARKINGS IN THE PUBLIC RIGHTS-OF-WAY AND FOR THE DRIVEWAY

TACTILE WARNING MATS TO BE INSTALLED AT ALL WHEELCHAIR RAMPS.

TRAFFIC CONTROL NOTES

CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC

ALL SIGNS SHALL BE MOUNTED WITH 5-FT MIN. VERTICAL CLEARANCE TO THE

BOTTOM OF THE SIGN ON 2-LB. GALV. STEEL U-CHANNEL POST SET IN 18-IN

PARKING SPACE

ACCESSIBLE PARKING

Bike Parking Provided:

Bike Parking Required:

Required Parking (Quad Units):

Passive Rec. Area Provided:

Presented To: The Lofts At Randall LLC

Owner/Developer: The Lofts At Randall LLC

Parcel Numbers:

Project: The Solstice Lofts

Zoning: R-10

Phone: 919-380-0446

Cary, NC 27513

Phone: 919-552-4845

313711-67-6221.000

DB 5298, PG 1819

313711-77-1253.000

DB 4073, PG 784

4810 Randall Parkway

CITY OF WILMINGTON LAND DEVELOPMENT CODE

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FILE PROVIDED BY THE NCDOT

IMPROVEMENTS SHOWN FOR

AND WERE TAKEN FROM CAD

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BIKE PARKING REQUIRED:

REQUIRED PARKING (QUAD UNITS):

PASSIVE REC. AREA PROVIDED:

PRESENTED TO: THE LOFTS AT RANDALL LLC

OWNER/DEVELOPER: THE LOFTS AT RANDALL LLC

PARCEL NUMBERS:

PROJECT: THE SOLSTICE LOFTS

ZONING: R-10

PHONE: 919-380-0446

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313711-67-6221.000

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4810 RANDALL PARKWAY

PROJECT NUMBER:

REVISED PER COUNTY EROSION COMMENTS 10/28/14

SITE LAYOUT

The Solstice Lofts

4810 Randall Parkway

Wilmington, North Carolina

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TACTILE WARNING MATS TO BE INSTALLED AT ALL WHEELCHAIR RAMPS.

TRAFFIC CONTROL NOTES

CONTACT TRAFFIC ENGINEERING AT 910-341-7888 TO ENSURE THAT ALL TRAFFIC

ALL SIGNS SHALL BE MOUNTED WITH 5-FT MIN. VERTICAL CLEARANCE TO THE
CONSTRUCTION SEQUENCE

1. UTILITY LOCATIONS ARE TO BE FOUND BY CALLING NC ONE CALL.

2. THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AS DIRECTED BY LOCAL AUTHORITIES OR ENGINEER. REFER TO PLAN SHEET 605 FOR ADDITIONAL INFORMATION.

3. TEMPORARY SILT FENCE SHALL BE INSTALLED FOR TEMPORARY STABILIZATION DURING THE 72-HOUR PERIOD FOLLOWING COMPLETION OF GRADING.

4. TEMPORARY 12" STRAW WATTLE CHECK Dams and all other measures shall be installed within 48 hours and remain in place throughout the duration of grading.

5. SLOPE & SURFACE STABILIZATION — ALL DEVELOPMENT SHALL BE IN ACCORDANCE WITH THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.

6. EASEMENT AS SHOWN ON SHEET 605.

7. TEMPORARY 12" STRAW WATTLE OUTLET PROTECTION, 4' L X 3' W X 12" T, SHALL BE INSTALLED FOR PERMANENT STABILIZATION ALONG DITCHES ON SHEET 605.

8. UTILITY LOCATIONS ARE TO BE FOUND BY CALLING NC ONE CALL.

9. ALL TEMPORARY MEASURES SHALL BE REMOVED AT THE END OF THE GRADING PERIOD.

10. Wattles shall be cleaned out immediately to remove sediment or obstructions from the flow area. Sediment shall be removed from behind the wattle when the height reaches half the wattle diameter.

11. Wattles shall be cleaned out immediately to remove sediment or obstructions from the flow area. Sediment shall be removed from behind the wattle when the height reaches half the wattle diameter.

GENERAL NOTES

1. MAINTAIN DEVICES AS NEEDED.

2. REFER TO PLAN SHEET 605 FOR ADDITIONAL INFORMATION.

3. TEMPORARY SILT FENCE OUTLET PROTECTION, 4' L X 3' W X 12" T, SHALL BE INSTALLED FOR PERMANENT STABILIZATION ALONG DITCHES ON SHEET 605.

4. REFER TO PLAN SHEET 605 FOR ADDITIONAL INFORMATION.

5. REFER TO PLAN SHEET 605 FOR ADDITIONAL INFORMATION.

6. REFER TO PLAN SHEET 605 FOR ADDITIONAL INFORMATION.

7. REFER TO PLAN SHEET 605 FOR ADDITIONAL INFORMATION.
1. Project shall comply with CFPUA Cross Connection Control Certification issued by Division of Water Quality Section of NCDENR.

2. There shall be a revised pressure zone (RPZ) backflow prevention device supplied to the City of Wilmington.

3. All water & sewer utilities to be installed per CFPUA Technical Specifications & Standards.

4. Telephone shall be installed underground.

5. Utility notes shall apply in advance for this service and must provide a Reduced Pressure Zone (RPZ) Backflow Prevention Device available to the site from Cape Fear Public Utility District.

6. Water & Sewer Services cannot be activated on new mains.

7. The contractor is responsible for the location and repair and replacement of any utilities, curbs, and gutters to aid in future location of facilities.

8. When PVC water mains and services are proposed, the plumbing contractor shall encase the pipe by bore and installation within a steel jack.

9. The process for telephone cable placement:
   - Bellsouth & Cable TV will then place their cable at 2’ deep.
   - Power will place their cable first - approx. 3’ deep.
   - Final grade will need to be established.

10. The process for telephone cable placement:
    - BELLSOUTH & CABLE TV WILL THEN PLACE THEIR CABLE AT 2’ DEEP.
    - POWER WILL PLACE THEIR CABLE FIRST - APPROX. 3’ DEEP.
    - FINAL GRADE WILL NEED TO BE ESTABLISHED.

11. The BellSouth contact is Steve Dayvault, Building Industry Consultant, at 910-392-8712. Contact him prior to lane closure with NCDOT, lane closure details.

12. Solid waste disposal to be provided by private contract.

13. The process for telephone cable placement:
    - BELLSOUTH & CABLE TV WILL THEN PLACE THEIR CABLE AT 2’ DEEP.
    - POWER WILL PLACE THEIR CABLE FIRST - APPROX. 3’ DEEP.
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14. The contractor is responsible for the location and repair and replacement of any utilities, curbs, and gutters to aid in future location of facilities.

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    - POWER WILL PLACE THEIR CABLE FIRST - APPROX. 3’ DEEP.
    - FINAL GRADE WILL NEED TO BE ESTABLISHED.

40. The process for telephone cable placement:
    - BELLSOUTH & CABLE TV WILL THEN PLACE THEIR CABLE AT 2’ DEEP.
    - POWER WILL PLACE THEIR CABLE FIRST - APPROX. 3’ DEEP.
    - FINAL GRADE WILL NEED TO BE ESTABLISHED.
ALL CONCRETE SHALL HAVE A 28-DAY FT O.C.E.W. MAX. OR AS INDICATED ON THE PLAN.

MIN REINFORCEMENT = 6x6-W2.9xW2.9

CONCRETE PAVEMENT DIMENSIONS

SLAB REINFORCING B

FINE AMOUNT AS SPECIFIED SHALL BE PER LATEST TYPICAL SEAT WALL COURSE (ABC)

AGGREGATE BASE

CONCRETE PAVEMENT NOT TO SCALE

TYPICAL EXPANSION JOINT

JOINT FILLER

JOINT SEALER

RADII & JOINT SEALER

GROOVE JOINT W/ 1/8" RAD.

3' DEEP CONC FOOTING

ANCHOR PIPE IN STEEL PIPE (MIRAFI 140N OR APPROVED EQUAL)

DRAIN OVER EACH PIPE END AS CONTRACTOR SHALL INSTALL A SOCK

4" WASHED NO. 57 STONE

CONCRETE FILL ROUND OFF TOP OF 4,000 PSI CONCRETE ABOVE

SCARIFIED IN-SITU 8" TOTAL

MAX SLOPE 1/4" PER FT.

THIS SHEET SECTION SEE DETAIL PERMEABLE CONCRETE WITH BITUMINOUS COATING.

POLE FOR ТРANSPORTABLE WATER-PUMP OR EQUIVALENT

FOOTING 3' DEEP CONC

A GROOVE JOINT 1" DEEP WITH 1/8" RADII SHALL BE REQUIRED ALL CONCRETE SHALL BE 4,000 P.S.I.4.

OTHERWISE. SEE SPECS FOR ADDITIONAL JOINT SPACING REQUIREMENTS.

CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS, AND ADJACENT TO ALL RIDID OBJECTS.

MINIMUM DEPTH OF 1-1/2" SHALL BE OBTAINED.

WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A TEMPLATES OR FORMED BY OTHER APPROCED METHODS.

SPACING MAY BE INCREASED TO 15' IF MACHINE IS USED.

NOTES:

CONTRACTOR SHALL INSTALL AGAINST DRIVEWAY APRON, CONCRETE SIDEWALKS PROVIDE TWO VERTICAL POSTS A

BAKED BLACK POLYVINYL FINISH. 180° BENDS AS NECESSARY PROVIDE VERTICAL BLOCKING THRUST

PRESSURE TREATED TO GROUND CONTACT QUALTIY.

GEOMEMBRANE BARRIER

PERMEABLE PAVEMENT SECTION SEE DETAIL IN CHAPTER 18 FOR PERMEABLE PAVEMENT AS REVISED OCTOBER 6, 2012.

THIS SHEET SECTION SEE DETAIL IN THE NC DIVISION OF WATER QUALITY BMP MANUAL, CONSTRUCTION STEPS 1 THROUGH 11,

A PRE-CONSTRCTION MEETING SHALL BE HELD ON SITE WITH ALL REQUIRED PARTIES

OF 1X4 AND FINISH GRADE.

1.) USE HOT DIPPED GALVANIZED RING SHANK NAILS TO FASTEN 1X4 VERTICALS

2.) PROVIDE MAX. GAP BETWEEN 1.) USE HOT DIPPED GALVANIZED RING SHANK NAILS TO FASTEN 1X4 VERTICALS

3.) PROVIDE 2" GAP BETWEEN BOTTOM TREATED PRESSURE

2.) PROVIDE MAX. GAP BETWEEN TOP CAP, FLUSH WITH TOP OF PAVEMENT GRADE.

4"2.) PROVIDE MAX. GAP BETWEEN

1.) USE HOT DIPPED GALVANIZED RING SHANK NAILS TO FASTEN 1X4 VERTICALS

4") PROVIDE MAX. GAP BETWEEN

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3. Immediately after installation, vegetate all disturbed areas with vegetation flushed with natural grade of the receiving channel. Top of rip rap at downstream end of apron shall be not less than 6" below drain line.

Notes:

- Not to scale

Permanent Seeding Schedule

- PERMANENT SEEDING SCHEDULE FROM NCDENR EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

Temporary Seeding Schedule

- TEMPORARY SEEDING SCHEDULE FROM NCDENR EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

Temporary Seeding Maintenance

- Temporary seeding maintenance shall begin on completion of permanent seeding and shall continue until permanent vegetation is established. Temporary seeding shall be maintained in a form that will not track mud or debris onto streets or property. Temporary seeding may be maintained indefinitely if permanent vegetation is not established.

Permanent Seeding Schedule

- Permanent seeding schedule shall be followed as directed by the engineer.

Temporary Seeding Schedule

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