# PHIER CREST

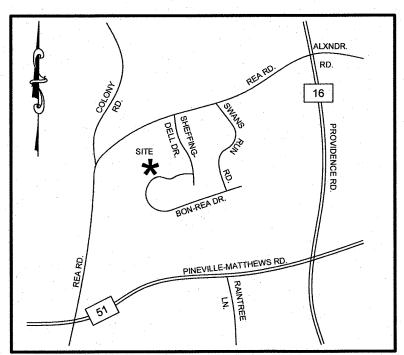
CHARLOTTE, NORTH CAROLINA

PREPARED FOR:

## PHIFER CREST, LLC

10801 Johnston Road, Sutie 127 Charlotte, NC 28226

March 28, 2014



VICINITY MAP - N.T.S.



R. Joe Harris & Associates, P.L.L.C.

Engineering • Land Surveying • Planning

PREPARED BY

1698 W. Hwy 160, Suite 130, Fort Mill, SC 29708 (803) 802-1799 Fax: (803) 802-0886 CHARLOTTE.

http://development.charmeck.org

## **ENGINEERING**

## **EROSION CONTROL**

DISTURBING ACTIVITY USING THE ONLINE FORM AT http://development.charmeck.org

### **URBAN FORESTRY**

**CDOT** 

PLAN SHEET INDEX:

COVER

SP-3

SP-4

SP-6

EC-1

EC-3

EC-4

EC-5

GP-1

GP-2

RP-1

FS-1

**COVER SHEET** 

PRELIMINARY PLAT

SITE PLAN DETAILS

SITE PLAN DETAILS

SIGHT DISTANCE PLAN SITE PLAN DETAILS

STREET TREE AND PLANTING PLAN

**EROSION CONTROL INITIAL PHASE** 

**EROSION CONTROL FINAL PHASE** 

GRADING AND STORM DRAINAGE PLAN

FLOOD STUDY CHANNEL CROSS SECTIONS

ROAD PLAN AND PROFILE, STORM DRAIN PROFILE

**EROSION CONTROL DETAILS** 

**EROSION CONTROL DETAILS** 

**EROSION CONTROL DETAILS** 

**BON REA RD. CROSS SECTIONS** 

FLOOD STUDY DRAINAGE AREA

STORM DRAINAGE AREA

#### APPROVED FOR CONSTRUCTION

By: Joshua Weaver 4-30-2014

## **APPROVED**

#### **APPROVED**

**APPROVED** 

**APPROVED** 

DATE

8/21/13 FIRST SUBMITAL

01/31/14 RESPONSE TO CITY COMMENTS 03/28/14 RESPONSE TO CITY COMMENTS

**ISSUED FOR** 

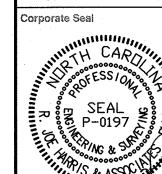


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seal and signature of the responsible registrant appears on the by the Owner, Owner's Agent or Contractor to the Authority having jurisdiction.



J. Woodruff Jr.

Engineer's Seal

Murphy P. Murphy B. Pridemore Print/Plot Date

March 28, 2014

PHIFER CREST, LLC 10801 JOHNSTON ROAD, SUITE 127

CHARLOTTE, NC 28226 P: (980) 406-3818

CHARLOTTE, NC

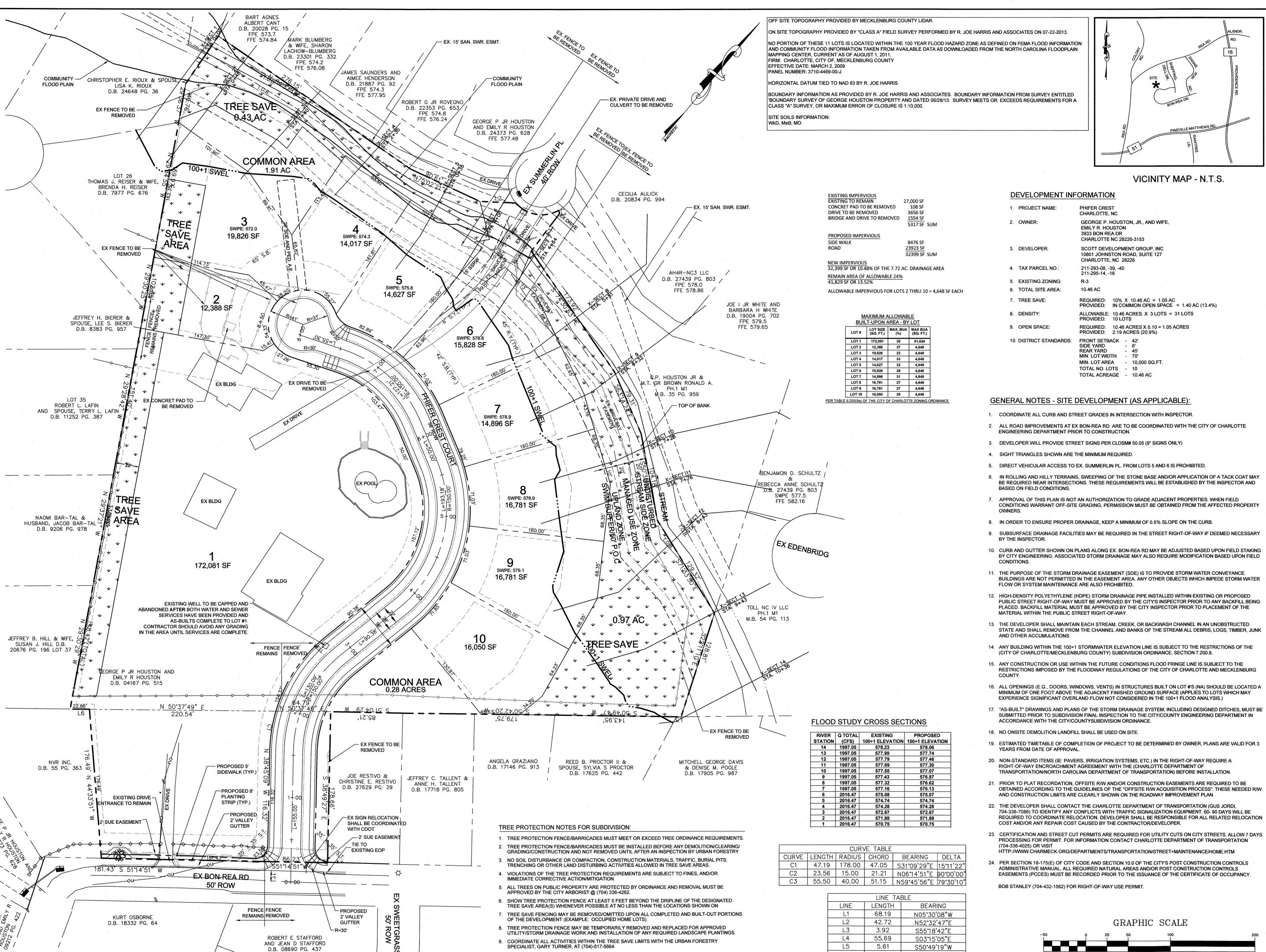
Phifer Crest

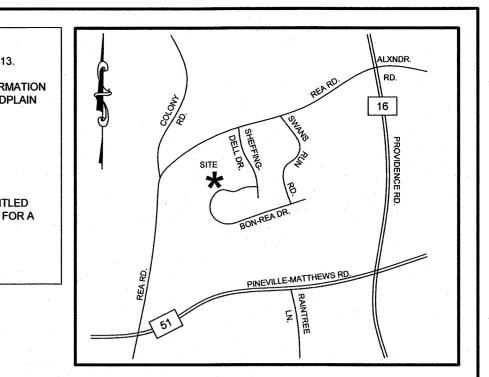
COVER SHEET

Drawing No.

DWG File Name: COVER 1816\_SITE

Drawing Title:





#### **VICINITY MAP - N.T.S.**

#### **DEVELOPMENT INFORMATION**

1	PROJECT NAME:	PHIFER	CREST	

CHARLOTTE, NC

GEORGE P. HOUSTON, JR., AND WIFE, **EMILY R. HOUSTON** 3933 BON REA DR

**CHARLOTTE NC 28226-3153** SCOTT DEVELOPMENT GROUP, INC

10801 JOHNSTON ROAD, SUITE 127 CHARLOTTE, NC 28226

4. TAX PARCEL NO.: 211-293-08, -39, -40 211-295-14, -16

10.46 AC

REQUIRED: 10% X 10.46 AC = 1.05 AC PROVIDED: IN COMMON OPEN SPACE = 1.40 AC (13.4%) ALLOWABLE: 10.46 ACRES X 3 LOTS = 31 LOTS

REQUIRED: 10.46 ACRES X 0.10 = 1.05 ACRES

PROVIDED: 2.19 ACRES (20.9%) FRONT SETBACK

SIDE YARD REAR YARD MIN. LOT WIDTH MIN. LOT AREA - 10,000 SQ.FT

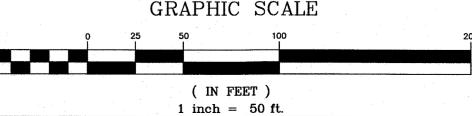
TOTAL NO. LOTS - 10 TOTAL ACREAGE - 10.46 AC

#### GENERAL NOTES - SITE DEVELOPMENT (AS APPLICABLE):

- 1. COORDINATE ALL CURB AND STREET GRADES IN INTERSECTION WITH INSPECTOR
- 2. ALL ROAD IMPROVEMENTS AT EX BON-REA RD ARE TO BE COORDINATED WITH THE CITY OF CHARLOTTE ENGINEERING DEPARTMENT PRIOR TO CONSTRUCTION.
- 3. DEVELOPER WILL PROVIDE STREET SIGNS PER CLDSM# 50.05 (9" SIGNS ONLY)
- 6. IN ROLLING AND HILLY TERRAINS, SWEEPING OF THE STONE BASE AND/OR APPLICATION OF A TACK COAT MAY BE REQUIRED NEAR INTERSECTIONS. THESE REQUIREMENTS WILL BE ESTABLISHED BY THE INSPECTOR AND
- 7. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY
- 8. IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.5% SLOPE ON THE CURB.
- 9. SUBSURFACE DRAINAGE FACILITIES MAY BE REQUIRED IN THE STREET RIGHT-OF-WAY IF DEEMED NECESSARY
- 10. CURB AND GUTTER SHOWN ON PLANS ALONG EX. BON-REA RD MAY BE ADJUSTED BASED UPON FIELD STAKING BY CITY ENGINEERING. ASSOCIATED STORM DRAINAGE MAY ALSO REQUIRE MODIFICATION BASED UPON FIELD
- 11. THE PURPOSE OF THE STORM DRAINAGE EASEMENT (SDE) IS TO PROVIDE STORM WATER CONVEYANCE. BUILDINGS ARE NOT PERMITTED IN THE EASEMENT AREA. ANY OTHER OBJECTS WHICH IMPEDE STORM WATER FLOW OR SYSTEM MAINTENANCE ARE ALSO PROHIBITED.
- 12. HIGH-DENSITY POLYETHYLENE (HDPE) STORM DRAINAGE PIPE INSTALLED WITHIN EXISTING OR PROPOSED PUBLIC STREET RIGHT-OF-WAY MUST BE APPROVED BY THE CITY'S INSPECTOR PRIOR TO ANY BACKFILL BEING PLACED. BACKFILL MATERIAL MUST BE APPROVED BY THE CITY INSPECTOR PRIOR TO PLACEMENT OF THE
- 13. THE DEVELOPER SHALL MAINTAIN EACH STREAM, CREEK, OR BACKWASH CHANNEL IN AN UNOBSTRUCTED STATE AND SHALL REMOVE FROM THE CHANNEL AND BANKS OF THE STREAM ALL DEBRIS, LOGS, TIMBER, JUNK
- 14. ANY BUILDING WITHIN THE 100+1 STORMWATER ELEVATION LINE IS SUBJECT TO THE RESTRICTIONS OF THE (CITY OF CHARLOTTE/MECKLENBURG COUNTY) SUBDIVISION ORDINANCE, SECTION 7.200.8.
- 15. ANY CONSTRUCTION OR USE WITHIN THE FUTURE CONDITIONS FLOOD FRINGE LINE IS SUBJECT TO THE
- RESTRICTIONS IMPOSED BY THE FLOODWAY REGULATIONS OF THE CITY OF CHARLOTTE AND MECKLENBURG
- 16. ALL OPENINGS (E.G., DOORS, WINDOWS, VENTS) IN STRUCTURES BUILT ON LOT #'S (NA) SHOULD BE LOCATED A MINIMUM OF ONE FOOT ABOVE THE ADJACENT FINISHED GROUND SURFACE (APPLIES TO LOTS WHICH MAY EXPERIENCE SIGNIFICANT OVERLAND FLOW NOT CONSIDERED IN THE 100+1 FLOOD ANALYSIS.)
- 17. "AS-BUILT" DRAWINGS AND PLANS OF THE STORM DRAINAGE SYSTEM, INCLUDING DESIGNED DITCHES, MUST BE SUBMITTED PRIOR TO SUBDIVISION FINAL INSPECTION TO THE CITY/COUNTY ENGINEERING DEPARTMENT IN ACCORDANCE WITH THE CITY/COUNTYSUBDIVISION ORDINANCE.
- 18. NO ONSITE DEMOLITION LANDFILL SHALL BE USED ON SITE.
- 19. ESTIMATED TIMETABLE OF COMPLETION OF PROJECT TO BE DETERMINED BY OWNER, PLANS ARE VALID FOR 3 YEARS FROM DATE OF APPROVAL
- 20. NON-STANDARD ITEMS (IE: PAVERS, IRRIGATION SYSTEMS, ETC.) IN THE RIGHT-OF-WAY REQUIRE A RIGHT-OF-WAY ENCROACHMENT AGREEMENT WITH THE (CHARLOTTE DEPARTMENT OF TRANSPORTATION/NORTH CAROLINA DEPARTMENT OF TRANSPORTATION) BEFORE INSTALLATION.
- AND CONSTRUCTION LIMITS ARE CLEARLY SHOWN ON THE ROADWAY IMPROVEMENT PLAN. 22. THE DEVELOPER SHALL CONTACT THE CHARLOTTE DEPARTMENT OF TRANSPORTATION (GUS JORDI,
- 704-336-7086) TO IDENTIFY ANY CONFLICTS WITH TRAFFIC SIGNALIZATION EQUIPMENT. 60-90 DAYS WILL BE REQUIRED TO COORDINATE RELOCATION. DEVELOPER SHALL BE RESPONSIBLE FOR ALL RELATED RELOCATION COST AND/OR ANY REPAIR COST CAUSED BY THE CONTRACTOR/DEVELOPER
- PROCESSING FOR PERMIT. FOR INFORMATION CONTACT CHARLOTTE DEPARTMENT OF TRANSPORTATION HTTP://WWW.CHARMECK.ORG/DEPARTMENTS/TRANSPORTATION/STREET+MAINTENANCE/HOME.HTM
- 24. PER SECTION 18-175(E) OF CITY CODE AND SECTION 10.0 OF THE CITY'S POST CONSTRUCTION CONTROLS ADMINISTRATIVE MANUAL, ALL REQUIRED NATURAL AREAS AND/OR POST CONSTRUCTION CONTROLS EASEMENTS (PCCES) MUST BE RECORDED PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.

BOB STANLEY (704-432-1562) FOR RIGHT-OF-WAY USE PERMIT.

22.86



DATE	ISSUED FOR	RE
8/21/13	FIRST SUBMITAL	C
01/31/14	RESPONSE TO CITY COMMENTS	1
03/28/14	RESPONSE TO CITY COMMENTS	2



Engineer:



R. Joe Harris & Associates, P.L.L.C

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This drawing shall not be used for construction purposes until the seal and signature of the responsible registrant appears on the by the Owner, Owner's Agent or Contractor to the Authority

having jurisdiction. Corporate Seal Engineer's Seal P-0197 036836

Project Manager	Drawn	
P. Murphy	J. Woodruff Jr.	
Department Manager	Checked	
B. Pridemore	P. Murphy	

March 28, 2014

PHIFER CREST, LLC 10801 JOHNSTON ROAD, SUITE 127 CHARLOTTE, NC 28226

P: (980) 406-3818

Print/Plot Date

CHARLOTTE, NC

Phifer Crest

Drawing Title:

PRELIMINARY PLAT

Drawing No.

DWG File Name: 1816 SITE

SP-1