

# CONSTRUCTION PLANS

## FOR

# STONECREST AT NORWOOD SUBDIVISION

### CHATHAM COUNTY, NORTH CAROLINA

MAY 26, 2017  
(REVISED AUGUST 14, 2017)

#### GENERAL CONSTRUCTION NOTES

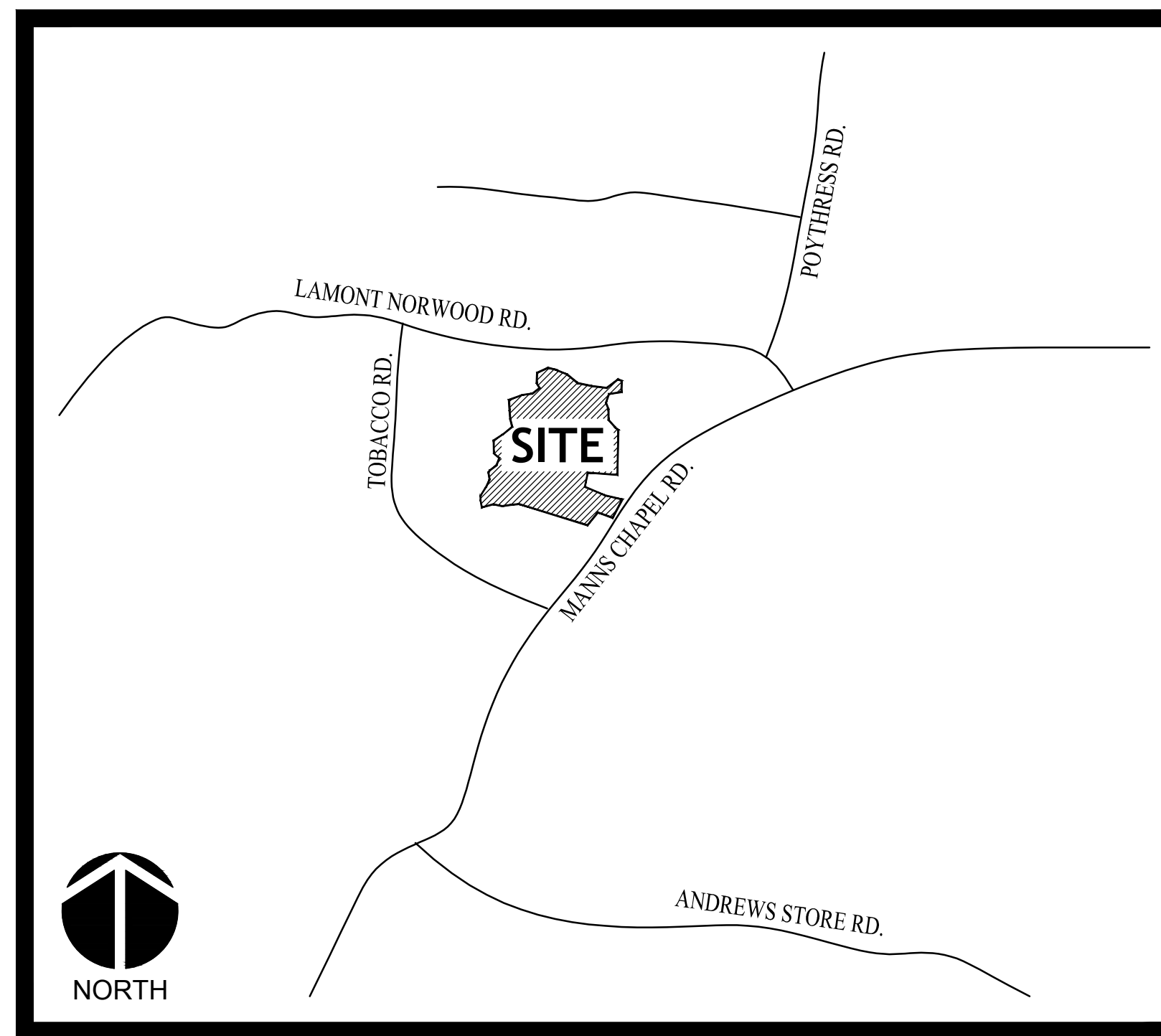
1. EXISTING UNDERGROUND STRUCTURES AND UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, PRIOR TO STARTING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-632-4949. THE CONTRACTOR SHALL CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
3. ALL WATER UTILITY CONSTRUCTION SHALL CONFORM TO THE CHATHAM COUNTY STANDARDS AND SPECIFICATIONS.
4. THE SUBJECT PROPERTY IS LOCATED IN A FLOOD HAZARD AREA PER FEMA FIRM PANEL 9755, MAP NUMBER 370299 J, DATED 02/02/07, & FEMA FIRM PANEL 9746, MAP NUMBER 370299 J, DATED 02/02/07.
5. ALL WATER MAINS SHALL HAVE A MINIMUM OF 3' OF COVER AS MEASURED FROM FINISHED GRADE AT THE LOCATION WHERE INSTALLED.
6. ALL WATER MAINS UNDER STORM DRAINAGE PIPING SHALL BE CONSTRUCTED WITH ONE (1) JOINT OF DUCTILE IRON PIPE CENTERED ON THE STORM PIPE CROSSING. ALL WATER AND STORM DRAINAGE CROSSINGS SHALL HAVE 18" MIN. SEPARATION.
7. INSTREAM WORK SHALL BE PROHIBITED FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO SPAWNING FISH.
8. TOPOGRAPHIC INFORMATION PROVIDED BY CE GROUP, INC. RALEIGH, NC. PROFILE DATA FROM FIELD SURVEY BACKGROUND TOPOGRAPHY FROM AERIAL MAPPING.
9. DISTURBANCE IS LIMITED TO NO MORE THAN 15 AC OF GRADUAL SLOPED LAND AT ANY ONE TIME (0 - 14.9% SLOPE).
10. DISTURBANCE IS LIMITED TO NO MORE THAN 10 AC OF MODERATELY SLOPED LAND AT ANY ONE TIME (15 - 24.9% SLOPE).

**Project Data:**  
 Zoned: R-1  
 AKPAR: 1693  
 PIN: 9756-00-81-5524  
 WS-IV; NSW  
 Total Parcel Acreage ± 106.96 Ac.  
 Length of Street: ± 4,700 LF

**Owner:**  
 Mary P. Norwood & Gail Felton  
 2603 Manns Chapel Road  
 Pittsboro, NC 27312

**Developer:**  
 Keith Brown  
 542 Finbar Drive  
 Cary, NC 27519  
 Phone 919.401.8782

**Engineer / Surveyor:**  
 CE Group, Inc  
 301 Glenwood Avenue, Suite 220  
 Raleigh, NC 27603  
 Phone: 919.367.8790  
 Contact: Mark Ashness, PE, ASLA, LEED AP  
 Email: mark@cegroupinc.com



**VICINITY MAP**  
NTS

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| NO. | REVISIONS                                  | DATE     |
|-----|--|----------|
| 2.  | REVISED PER EIC & STORM DRAINAGE COMMENTS. | 08/14/17 |
| 1.  | REVISED PER CHATHAM COUNTY EIC COMMENTS.   | 07/14/17 |

**CE GROUP**

301 GLENWOOD AVE. 220  
 RALEIGH, NC 27603  
 PHONE: 919-367-8790  
 FAX: 919-322-0032

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STONECREST AT NORWOOD SUBDIVISION  
 CONSTRUCTION DRAWINGS  
 COVER  
 CHATHAM COUNTY, NC

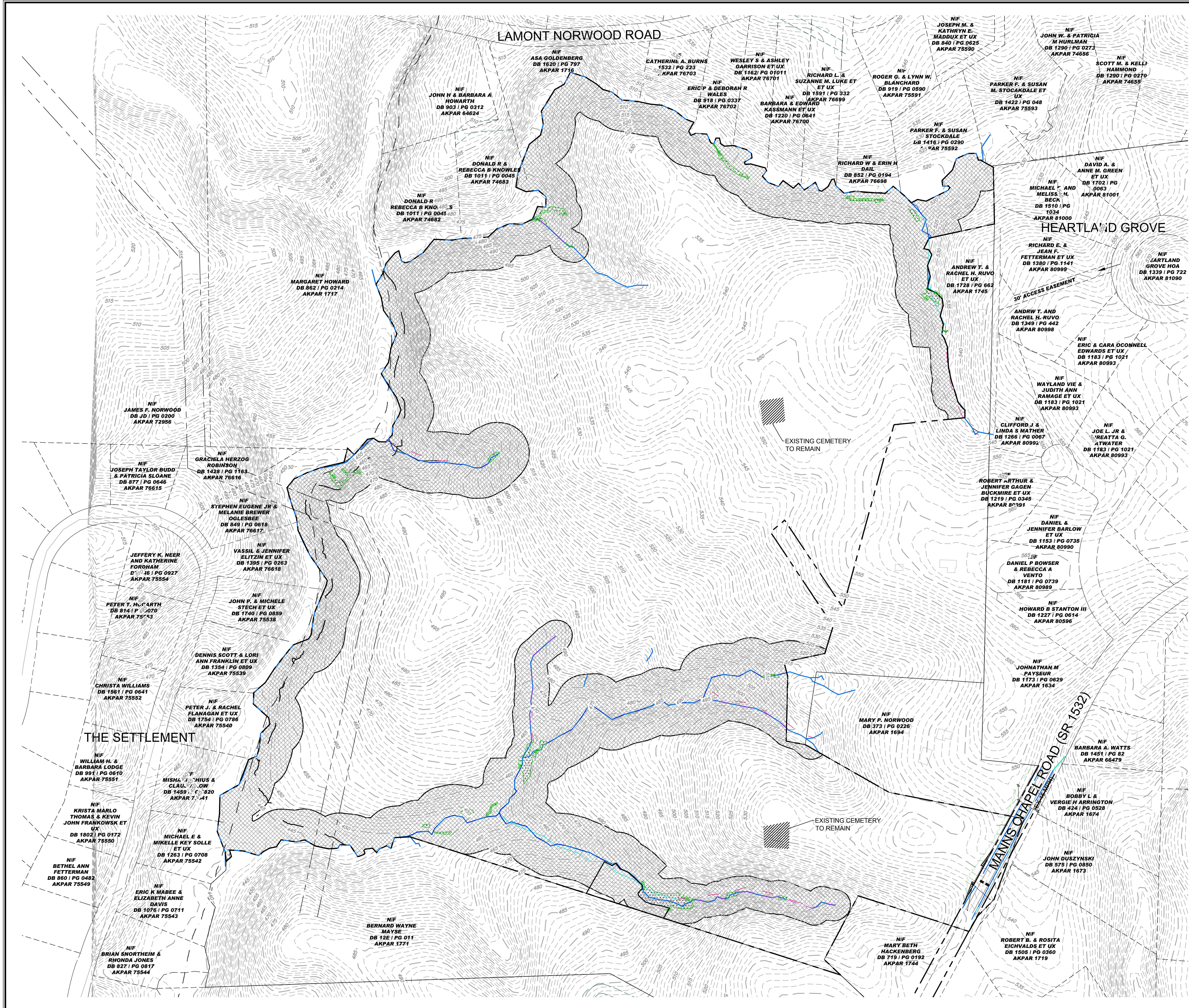


**STOP!**  
 BEFORE YOU DIG CALL  
 THE NC ONE CALL CENTER  
 1-800-632-4949  
 IT'S THE LAW!

**FINAL DESIGN**  
 NOT RELEASED  
 FOR CONSTRUCTION

|                     |               |
|---------------------|---------------|
| Date:               | May 2017      |
| Scale:              | N/A           |
| Drawn:              | JPD           |
| Checked:            | MFA           |
| Project No.:        | 127-209       |
| Computer Dwg. Name: | 127-209 cover |

Sheet No:  
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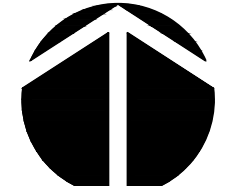
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**LEGEND**

|  |                              |
|--|------------------------------|
|  | FIREHYDRANT (FH)             |
|  | STREET SIGN                  |
|  | POWER POLE                   |
|  | RCP=REINFORCED CONCRETE PIPE |
|  | RW = RIGHT-OF-WAY            |
|  | TYP = TYPICAL                |
|  | LF = LINEAR FEET             |
|  | INV = INVERT                 |
|  | OHE = OVERHEAD ELECTRIC      |
|  | FES = FLARED END SECTION     |

**SITE BENCHMARK**  
 SURVEY DISK SET IN TOP OF CONCRETE MONUMENT (NH 22 AND A 1964)  
 ELEV. = 314.74 (NAVD 88)



150' 0 150' 300'  
 SCALE: 1" = 150'



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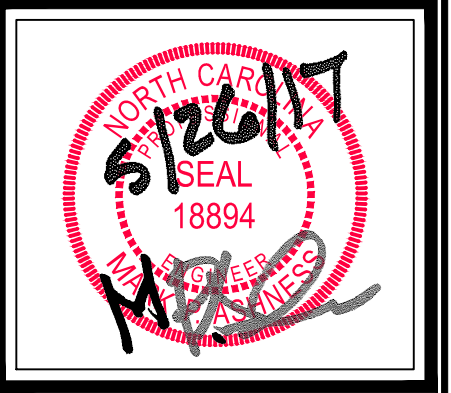
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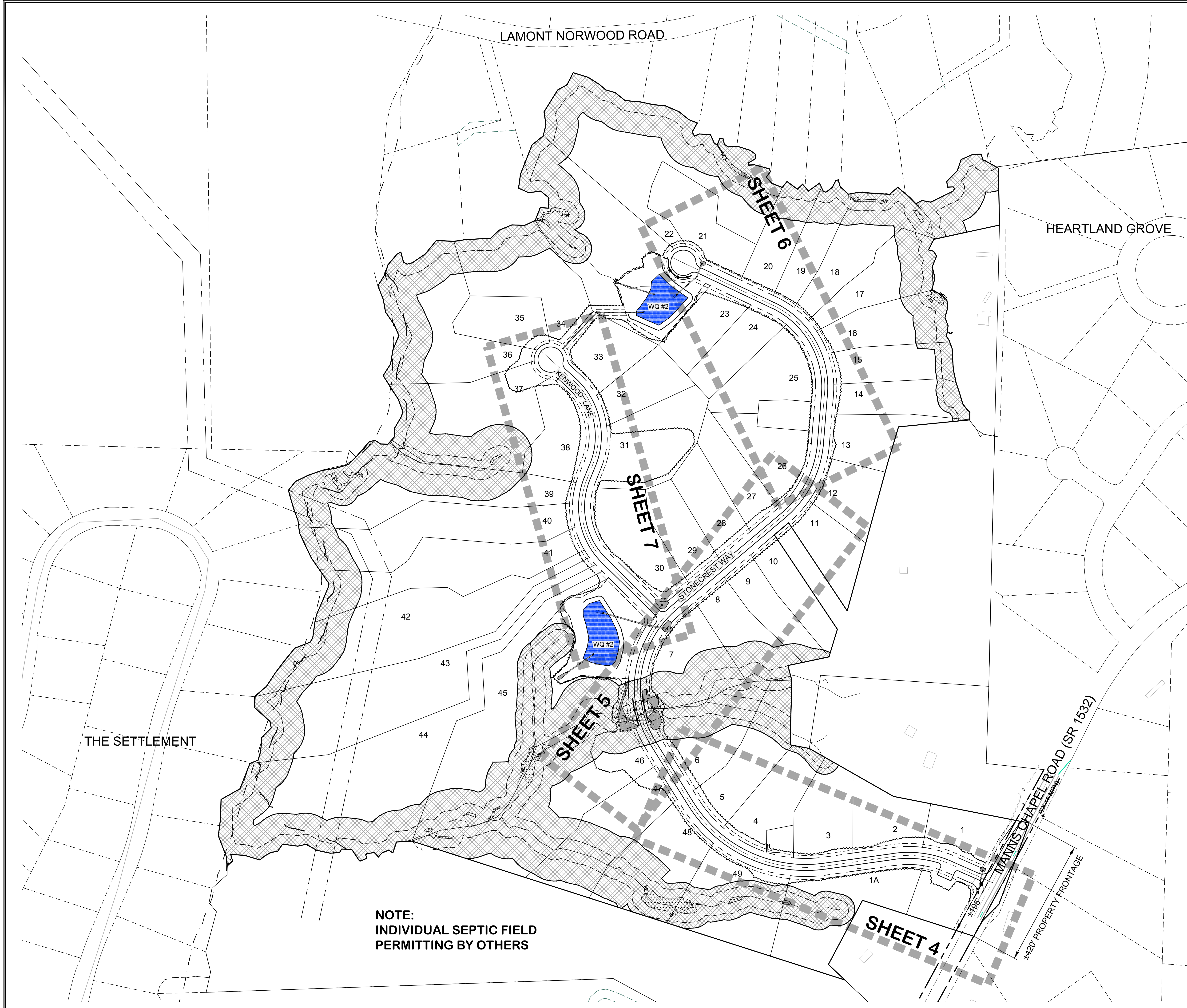
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STONECREST AT NORWOOD SUBDIVISION  
 CONSTRUCTION DRAWINGS  
 EX CONDITIONS - DEMO PLAN

CHATHAM COUNTY, NC

|                     |                             |
|---------------------|-----------------------------|
| Date:               | May 2017                    |
| Scale:              | 1" = 150'                   |
| Drawn:              | JPD                         |
| Checked:            | MFA                         |
| Project No.:        | 127-209                     |
| Computer Dwg. Name: | 127-209 existing conditions |
| Sheet No.:          | 2                           |
|                     | Of 25                       |



**NOTE:**  
INDIVIDUAL SEPTIC FIELD  
PERMITTING BY OTHERS

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  - NCDOT ASSUMES NO RESPONSIBILITY FOR OPERATION, MAINTENANCE OR LIABILITY OF THE STRUCTURAL STORMWATER BMP'S.

| NO. | REVISIONS                  | DATE     |
|-----|----------------------------|----------|
| 1.  | REVISED PER NCDOT COMMENTS | 08/21/17 |

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8/12/17

SEAL  
18894

STONECREST AT NORWOOD SUBDIVISION  
CONSTRUCTION DRAWINGS  
OVERALL SITE PLAN

CHATHAM COUNTY, NC

Date: May 2017  
Scale: 1" = 150'  
Drawn: JPD  
Checked: MPA  
Project No: 127-209  
Computer Dwg. Name: 127-209 overall site plan

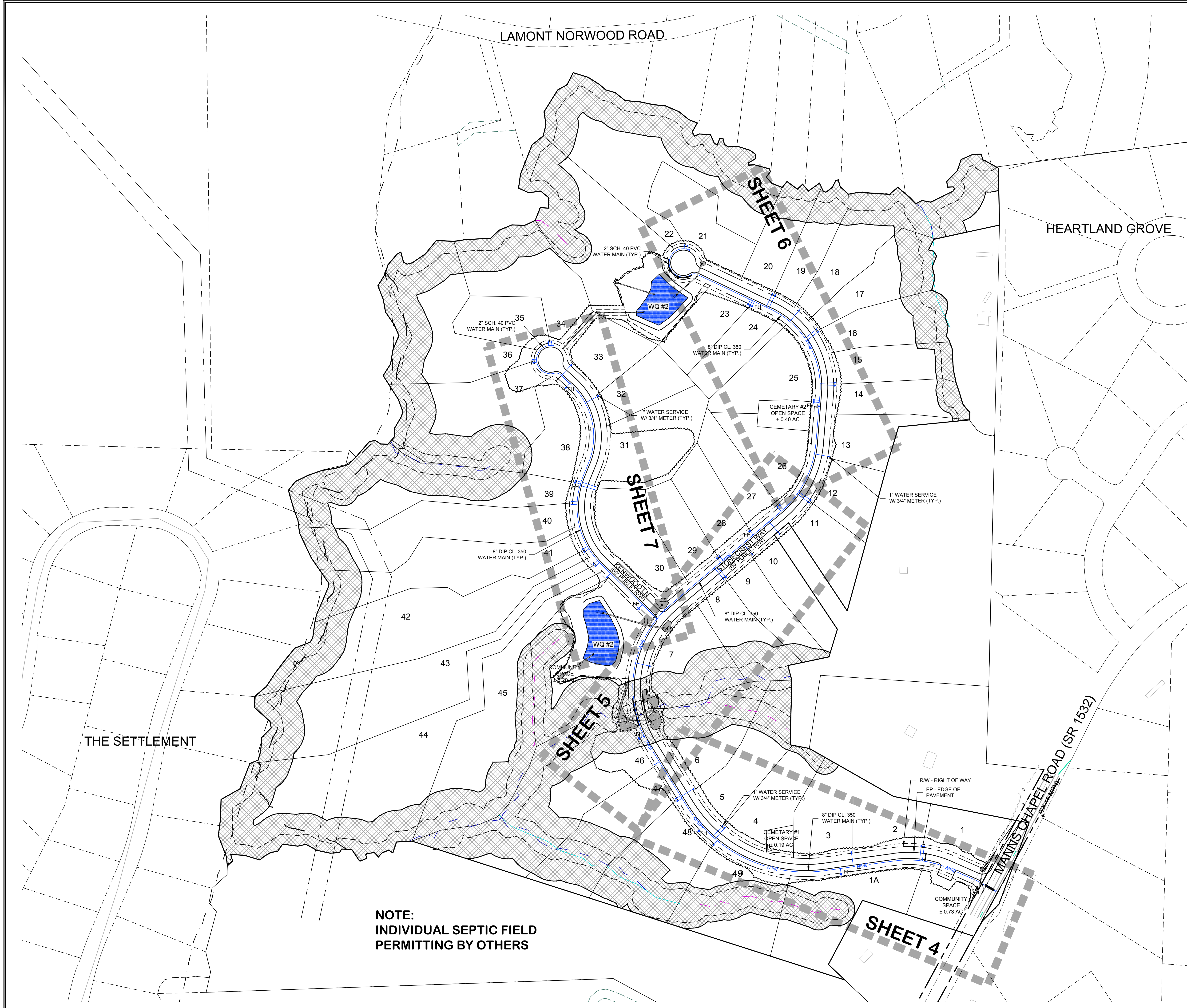
Sheet No: **3**  
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**NORTH**

SCALE: 1" = 150'

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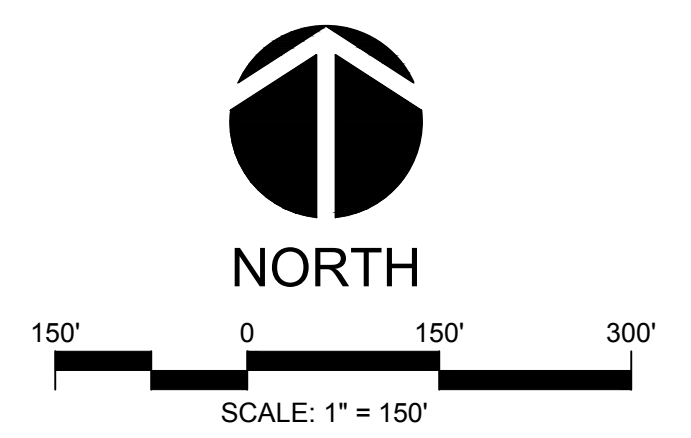
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 CONSTRUCTION DRAWINGS  
 OVERALL UTILITY PLAN  
 CHATHAM COUNTY, NC

Date: May 2017  
 Scale: 1" = 150'  
 Drawn: JPD  
 Checked: MPA  
 Project No. 127-209  
 Computer Dwg. Name 127-209 overall utility plan

Sheet No: 4  
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