

1/4 AC. LAND OF GREENS OF ROCK HILL, LLC DEED BK-7503 PG-93 PLAT 64-1533 PG-8 USE: VACANT ZONING: PO-VEC

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POST-DEVELOPED DRAINAGE  
POND 1=43.24 AC.  
(INCLUDES FUTURE EXPANSION)  
(INCLUDES OFF-SITE DRAINAGE)  
IMPERVIOUS = 28.28 AC.  
OPEN SPACE = 14.96 AC.  
TIME OF CONCENTRATION = 5 MIN.

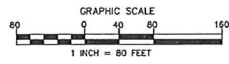
POST-DEVELOPED DRAINAGE  
TOTAL AREA=68.25 AC.  
(INCLUDES FUTURE EXPANSION)  
IMPERVIOUS = 40.28 AC.  
OPEN SPACE = 27.97 AC.  
TIME OF CONCENTRATION = 5 MIN.

POST-DEVELOPED DRAINAGE  
POND 2=14.41 AC.  
IMPERVIOUS = 12.00 AC.  
OPEN SPACE = 2.41 AC.  
TIME OF CONCENTRATION = 5 MIN.

BYPASS AREA=10.60 AC.  
ALL OPEN SPACE  
TIME OF CONCENTRATION = 5 MIN.

FRONTAGE ROAD 66' RIGHT OF WAY  
PLAT 64-1533 PG-8  
INTERSTATE 77  
R/W VARIES

NOTE:  
STORMWATER MITIGATION MEASURES WILL  
BE CERTIFIED BY THE DESIGN ENGINEER.



| NO. | BY           | DATE | REVISION                |
|-----|--------------|------|-------------------------|
| 1   | FEB/20/12/13 |      | PER CITY COMMENTS       |
| 2   | CEN/24/26/13 |      | FOR FULL SUBMITTAL      |
| 4   | FEB/18/02/13 |      | PER CITY COMMENTS       |
| 5   | FEB/19/13/13 |      | PER CONTRACTOR COMMENTS |
| 6   | FEB/19/17/13 |      | CONSTRUCTION DRAWINGS   |

PROJECT: PROJECT GEKKO  
998 PARAGON WAY  
ROCK HILL, SOUTH CAROLINA

POSTDEVELOPED AREA

NO. 13000-FB-013 Date: 08/21/13  
**ISAACS**  
 DR. ENGINEERING DESIGN & CONSTRUCTION

8720 RED OAK BOULEVARD, SUITE 420  
CHARLOTTE, N.C. 28217  
PHONE (704) 527-3440 FAX (704) 527-8335

DA2.0



OWNER OF  
GREENS OF ROCK HILL, LLC  
PROJECT  
DEED BK-1503 PG-59  
PLAT BK-1177 PG-1  
TAX PARCEL #050701132  
USE: WOOD  
ZONED: PG-VEC

PRE-DEVELOPED DRAINAGE  
AREA- 68.25 AC.  
(INCLUDES OFFSITE)  
SITE IS COMPLETELY WOODED  
SOILS ON-SITE:  
50% WILKES (C)  
AND 50% CECIL (B)

PREDEVELOPED  
100 LF. OF SHEET  
FLOW AT 1.50%

PREDEVELOPED  
1454 LF. OF  
SHEET FLOW AT  
0.00%

OWNER OF  
RIVERVIEW WOODS TRUST  
DEED BK-1503 PG-59  
PLAT BK-1177 PG-1  
TAX PARCEL #050701132  
USE: WOOD  
ZONED: PG-VEC

OWNER OF  
GREENS OF ROCK HILL, LLC  
PROJECT  
DEED BK-1503 PG-59  
PLAT BK-1177 PG-1  
TAX PARCEL #050701132  
USE: WOOD  
ZONED: PG-VEC

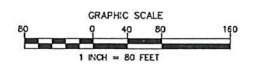
OWNER OF  
ONE & 20' 100x40  
DEED BK-8249 PG-179  
PLAT BK-77 PG-105  
TAX PARCEL #61020107  
USE: RESIDENTIAL  
ZONING: DISTRICT COUNTY VILLAGE (D)

FRONTAGE ROAD 66' RIGHT OF WAY  
PLAT REC-77/PD-109

INTERSTATE 77  
R/W VARES

POINT OF  
ANALYSIS  
CITY OF ROCK HILL  
TOWN COUNTY

NOTE:  
STORMWATER MITIGATION MEASURES WILL  
BE CERTIFIED BY THE DESIGN ENGINEER.



| NO. | BY  | DATE     | REVISION                |
|-----|-----|----------|-------------------------|
| 1   | FEL | 08/12/13 | PER CITY COMMENTS       |
| 2   | CRS | 09/25/13 | FOR FINAL SUBMITTAL     |
| 4   | FEL | 09/02/13 | PER CITY COMMENTS       |
| 5   | FEL | 09/13/13 | PER CONTRACTOR COMMENTS |
| 6   | FEL | 09/17/13 | CONSTRUCTION DRAWINGS   |

PROJECT  
**PROJECT GEKKO**  
996 PARAGON WAY  
ROCK HILL, SOUTH CAROLINA

**PREDEVELOPED AREA**

THE ISAACS GROUP, P.C.  
CIVIL ENGINEERING DESIGN AND LAND SURVEYING  
8720 RED OAK BOULEVARD, SUITE 420  
CHARLOTTE, N.C. 28217  
PHONE (704) 527-3440 FAX (704) 527-8335

Project No. 10125-2944x Date: 05/01/13  
Project Egr: BTJ  
Drawn By: FEL  
Scale: 1"=80'

**DA1.0**