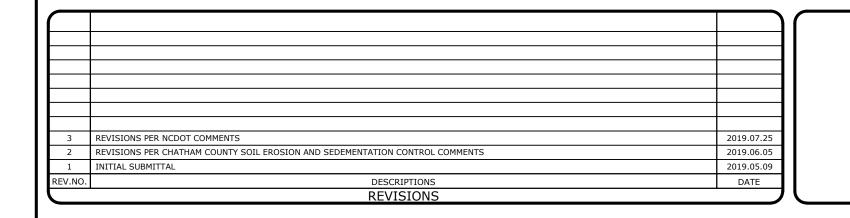


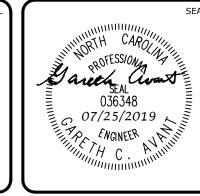
| STORM DRAINAGE S | TRUCTURE TABLE |  |  |  |  |
|------------------|----------------|--|--|--|--|
| STRUCTURE NAME   | RIM ELEVATION  |  |  |  |  |
| CI-14-05         | 462.57         |  |  |  |  |
| CI-14-08         | 462.58         |  |  |  |  |
| CI-14-14         | 464.99         |  |  |  |  |
| CI-14-15         | 464.99         |  |  |  |  |
| CI-14-21         | 424.89         |  |  |  |  |
| CI-14-22         | 424.70         |  |  |  |  |
| CI-14-23         | 432.94         |  |  |  |  |
| CI-14-24         | 440.99         |  |  |  |  |
| CI-14-25         | 440.99         |  |  |  |  |
| DBL CI-14-06     | 460.00         |  |  |  |  |
| DBL CI-14-07     | 460.00         |  |  |  |  |
| DBL CI-14-17     | 462.09         |  |  |  |  |
| DBL CI-14-20     | 419.59         |  |  |  |  |
| DI-14-03         | 460.41         |  |  |  |  |
| DI-14-04         | 464.68         |  |  |  |  |
| DI-14-09         | 462.41         |  |  |  |  |
| DI-14-10         | 462.88         |  |  |  |  |
| DI-14-12         | 464.14         |  |  |  |  |
| DI-14-13         | 465.03         |  |  |  |  |
| DI-14-26         | 441.65         |  |  |  |  |
|                  | •              |  |  |  |  |

| STORM DRAINAGE S | TRUCTURE TABLE |  |  |  |  |
|------------------|----------------|--|--|--|--|
| STRUCTURE NAME   | RIM ELEVATION  |  |  |  |  |
| DI-14-27         | 440.79         |  |  |  |  |
| DI-14-28         | 445.00         |  |  |  |  |
| DI-14-29         | 450.00         |  |  |  |  |
| DI-14-30         | 460.00         |  |  |  |  |
| HW-14-01         | 447.24         |  |  |  |  |
| HW-14-11         | 444.44         |  |  |  |  |
| HW-14-18         | 411.75         |  |  |  |  |
| HW-14-25         | 444.56         |  |  |  |  |
| HW-14-26         | 446.79         |  |  |  |  |
| SDMH-14-02       | 453.89         |  |  |  |  |
| SDMH-14-19       | 422.00         |  |  |  |  |

|                       | STORM                   | / DRAIN            | AGE SUMM             | ary tai          | BLE              |                |       |
|-----------------------|-------------------------|--------------------|----------------------|------------------|------------------|----------------|-------|
| UPSTREAM<br>STRUCTURE | DOWNSTREAM<br>STRUCTURE | UPSTREAM<br>INVERT | DOWNSTREAM<br>INVERT | PIPE<br>DIAMETER | PIPE<br>MATERIAL | LENGTH<br>(ft) | SLOPE |
| CI-14-05              | DI-14-04                | 454.4              | 454.2                | 18"              | RCP              | 37.8           | 0.50% |
| CI-14-08              | CI-14-05                | 457.6              | 457.4                | 15"              | RCP              | 24.5           | 0.50% |
| CI-14-14              | DI-14-13                | 454.4              | 454.3                | 15"              | RCP              | 15.8           | 0.50% |
| CI-14-15              | CI-14-14                | 454.6              | 454.5                | 15"              | RCP              | 24.5           | 0.50% |
| CI-14-21              | SDMH-14-19              | 419.1              | 417.5                | 18"              | RCP              | 52.9           | 3.04% |
| CI-14-22              | CI-14-21                | 419.3              | 419.2                | 15"              | RCP              | 27.7           | 0.50% |
| CI-14-23              | CI-14-21                | 427.6              | 419.2                | 24"              | RCP              | 112.6          | 7.44% |
| CI-14-24              | CI-14-23                | 434.5              | 427.7                | 24"              | RCP              | 110.2          | 6.16% |
| CI-14-25              | CI-14-24                | 434.7              | 434.6                | 24"              | RCP              | 24.5           | 0.50% |
| DBL CI-14-06          | CI-14-05                | 455.0              | 454.5                | 18"              | RCP              | 118.7          | 0.50% |
| DBL CI-14-07          | DBL CI-14-06            | 455.2              | 455.0                | 18"              | RCP              | 24.5           | 0.50% |
| DBL CI-14-17          | CI-14-15                | 455.6              | 454.9                | 15"              | RCP              | 137.0          | 0.50% |
| DBL CI-14-20          | SDMH-14-19              | 414.2              | 412.0                | 15"              | RCP              | 62.0           | 3.58% |
| DI-14-03              | SDMH-14-02              | 452.1              | 448.1                | 18"              | RCP              | 80.4           | 5.00% |
| DI-14-04              | DI-14-03                | 454.1              | 452.2                | 18"              | RCP              | 94.5           | 2.00% |
| DI-14-09              | CI-14-08                | 457.7              | 457.7                | 15"              | RCP              | 15.7           | 0.50% |
| DI-14-10              | DI-14-09                | 458.3              | 457.8                | 15"              | RCP              | 88.3           | 0.50% |
| DI-14-12              | HW-14-11                | 449.9              | 442.0                | 15"              | RCP              | 113.0          | 7.00% |
| DI-14-13              | DI-14-12                | 454.2              | 453.8                | 15"              | RCP              | 87.0           | 0.50% |
| DI-14-26              | CI-14-25                | 434.9              | 434.8                | 18"              | RCP              | 15.8           | 0.50% |

| STORM DRAINAGE SUMMARY TABLE |                         |                    |                      |                  |                  |                |        |
|------------------------------|-------------------------|--------------------|----------------------|------------------|------------------|----------------|--------|
| UPSTREAM<br>STRUCTURE        | DOWNSTREAM<br>STRUCTURE | UPSTREAM<br>INVERT | DOWNSTREAM<br>INVERT | PIPE<br>DIAMETER | PIPE<br>MATERIAL | LENGTH<br>(ft) | SLOPE  |
| DI-14-27                     | DI-14-26                | 435.4              | 435.0                | 18"              | RCP              | 92.0           | 0.50%  |
| DI-14-28                     | DI-14-27                | 440.4              | 435.5                | 15"              | RCP              | 96.9           | 5.02%  |
| DI-14-29                     | DI-14-28                | 445.4              | 440.5                | 15"              | RCP              | 112.0          | 4.37%  |
| DI-14-30                     | DI-14-29                | 455.4              | 445.5                | 15"              | RCP              | 192.8          | 5.14%  |
| HW-14-26                     | HW-14-25                | 444.8              | 441.8                | 42"              | RCP              | 105.9          | 2.74%  |
| SDMH-14-02                   | HW-14-01                | 448.0              | 444.5                | 18"              | RCP              | 30.6           | 11.32% |
| SDMH-14-19                   | HW-14-18                | 411.9              | 408.5                | 24"              | RCP              | 65.6           | 5.21%  |
|                              |                         |                    |                      |                  |                  |                |        |











BRIAR CHAPEL PHASE 14 CHATHAM COUNTY, NORTH CAROLINA

DATE: MAY 9, 2019
MCE PROJ. # 02735-0239
DRAWN DCR
DESIGNED DCR
CHECKED GCA PROJ. MGR.

SCALE HORIZONTAL: AS NOTED VERTICAL:

STORM DRAIN TABLES

FINAL DRAWINGS
RELEASED FOR CONSTRUCTION

DCR DCR GCA CHS