

Engineering Construction and Design Standards

Supplement # 6 Log - January 2022

| Section | Sub-Section | Name | Description |
|---------|-------------|---|--|
| 3.02 | A | Residential Cul-de-sac | Removed reference to Detail HS303 because it no longer exists |
| | E | Cul-de-sacs | Removed reference to Section 3.02 O "Phased Construction" because it no longer exists; Corrected the numbering in this section and in the Sub-Index |
| 6.01 | A | General | Added "General" Section |
| 6.02 | E | Fire Flow Requirements for Buildings #1 and #2 | Updated requirements and fire flow calculations for minimum fire-flow and flow duration for one, two-family dwellings, and other buildings. |
| 7.01 | A | General | Added "General" Section |
| 7.02 | A | General | Added "General" Section |
| 7.04 | C | Grease Inceptor | References Detail HS629, which is in the water detail section, but should be in sewer section. Renumbered Detail to HS725 and updated in this section. |
| 7.07 | I | Wet Well and Other Precast Structures | Added "or epoxy coating" to what wet wells and manholes should be coated with; Added "final submittal must be approved by Exc. Dir. Of Utilities and Infrastructure" |
| | S | Equipment Manufacturer List | Removed "Wet Well, Valve Vault & Manhole Epoxy Liner" under Equipment and removed SepctraShield, Tnemec under Manufacturer, under Table |
| 7.08 | N/A | Septic Systems | Removed Section from Table of Contents because it no longer exists |
| 11.00 | B | General | Updated NC Admin Code for all reclaimed water designs |
| 11.01 | A | Design, Installation | #3, Included the "Town" in addition to NCDEQ, to incorporate future changes to utility permits to being self-delegated |
| | A | Design, Relation to Potable Water Mains and Other Utilities | #4. a) Updated separation distances for reclaimed water distribution lines |
| | A | Design, Identification of Reclaimed Piping | #5, c) Updated to state that Tracer wire shall be installed on all reclaimed piping |

| Revised DETAILS | |
|-----------------|--|
| HS302 | Standard Residential Street Cross Sections |
| HS314 | Roundabout Hardscape Detail |
| HS316 | Vehicular Concrete Pavement Detail at Roundabout |
| HS343 | French Drain Under Asphalt Trail (New) |
| HS366 | Minimum Separation of Utilities and Other Features (New) |
| HS383 | Greenway Culvert Detail (New) |
| HS613 | Standard Hydrant Location |
| HS614 | Standard Hydrant Location (for parking lot) |
| HS622 | Standard Hydrant Installation |
| HS625 | Standard Detached FDC Connection |
| HS627 | Post Indicator Valve |
| HS705 | Combination Sewage Air Valve Manhole with Odor Scrubber |

| | |
|----------------|---|
| HS725 | Precast Grease Interceptor (Previous Detail HS629) |
| HS727 | Standard Combination Air Valve Manhole Offset From Sewer Force Main |
| HS1106 | Holly Springs Reclaimed Water Box and Lid (Renumbering to Section 11, was previously in Water section 6) |
| HS610 & HS1101 | Combination Air Valve Manhole for Reclaimed and Water Mains (Combined these 2 details; Will place them in both Detail Sections) |
| HS611 & HS1102 | Standard Combination Air Valve Manhole Offset From Main for Reclaimed and Water Mains (Combined these 2 details; Will place them in both Detail Sections) |