

1. BUILDING OUTLINE FOR REFERENCE ONLY. SEE ARCHITECTURAL SHEETS.

1"=10'

10' 5' 0 10' 20'

**GRAPHIC SCALES**

| STORM DRAIN STRUCTURE TABLE                                               |                      |                                      |                                   | STORM DRAIN STRUCTURE TABLE (CONTINUED) |                                                       |                          |                                   |
|---------------------------------------------------------------------------|----------------------|--------------------------------------|-----------------------------------|-----------------------------------------|-------------------------------------------------------|--------------------------|-----------------------------------|
| ID                                                                        | STRUCTURE TYPE       | COVER / GRATE                        | DETAIL LOCATION (BASIS OF DESIGN) | ID                                      | STRUCTURE TYPE                                        | COVER / GRATE            | DETAIL LOCATION (BASIS OF DESIGN) |
| SD B1                                                                     | VDOT MH-2            | STANDARD FRAME AND COVER             | VDOT ROAD AND BRIDGE STANDARDS    | SD D2                                   | 30" PVC DRAIN BASIN W/ 30"x12" CAP-STYLE REDUCER TOP  | 12" DOME GRATE           | SHEET C-503 (NYLOPLAST)           |
| SD B2                                                                     | CLEANOUT             | SOLID COVER                          | SHEET C-503                       | SD D3                                   | 30" PVC DRAIN BASE W/ 30" x 12" CAP-STYLE REDUCER TOP | 12" DOME GRATE           | SHEET C-503 (NYLOPLAST)           |
| SD C3                                                                     | VDOT MH-2            | STANDARD FRAME AND COVER             | VDOT ROAD AND BRIDGE STANDARDS    | SD D4                                   | CURVED TRENCH DRAIN                                   | ADA HEEL-PROOF           |                                   |
| SD C4                                                                     | VDOT DI-2B, L=4'     | HS-20 TRAFFIC-RATED                  | VDOT ROAD AND BRIDGE STANDARDS    | SD D5                                   | 12" PVC INLINE DRAIN                                  | 12" STANDARD GRATE       | SHEET C-503 (NYLOPLAST)           |
| SD C5                                                                     | VDOT DI-2B, L=8'     | HS-20 TRAFFIC-RATED                  | VDOT ROAD AND BRIDGE STANDARDS    | CO D6                                   | CLEANOUT                                              | SOLID COVER              | SHEET C-503                       |
| SD C6                                                                     | VDOT DI-2B, L=8'     | HS-20 TRAFFIC-RATED                  | VDOT ROAD AND BRIDGE STANDARDS    | SD D7                                   | TRENCH DRAIN                                          | ADA HEEL-PROOF           |                                   |
| SD C8                                                                     | TRENCH DRAIN         | ADA HEEL-PROOF                       |                                   | SD D8                                   | TRENCH DRAIN                                          | ADA HEEL-PROOF           |                                   |
| SD C9                                                                     | 12" PVC DRAIN BASIN  | 12" STANDARD GRATE                   | SHEET C-503 (NYLOPLAST)           | SD E2                                   | VDOT DI-1                                             | STANDARD FRAME AND GRATE | VDOT ROAD AND BRIDGE STANDARDS    |
| SD C10                                                                    | CURVED TRENCH DRAIN  | ADA HEEL-PROOF                       |                                   | SD E3                                   | 15" PVC DRAIN BASIN                                   | 15" STANDARD GRATE       | SHEET C-503 (NYLOPLAST)           |
| CO C11                                                                    | CLEANOUT             | SCORRATED SOLID COVER, NICKEL BRONZE | SHEET C-503                       | SD E4                                   | 12" PVC DRAIN BASIN                                   | 12" STANDARD GRATE       | SHEET C-503 (NYLOPLAST)           |
| SD C12                                                                    | 12" PVC INLINE DRAIN | 12" DOME GRATE                       | SHEET C-503 (NYLOPLAST)           | SD E5                                   | TRENCH DRAIN                                          | STANDARD, DUCTILE IRON   |                                   |
| SD C13                                                                    | 8" PVC INLINE DRAIN  | 8" STANDARD GRATE                    | SHEET C-503 (NYLOPLAST)           | SD E8                                   | TRENCH DRAIN                                          | ADA HEEL-PROOF           |                                   |
| CO C14                                                                    | CLEANOUT             | SOLID COVER                          | SHEET C-503                       | SD F3                                   | TRENCH DRAIN                                          | ADA HEEL-PROOF           |                                   |
| SD C15                                                                    | VDOT MH-2            | HS-20 FRAME AND COVER                | VDOT ROAD AND BRIDGE STANDARDS    | SD F4                                   | 12" PVC INLINE DRAIN                                  | 12" STANDARD GRATE       | SHEET C-503 (NYLOPLAST)           |
| SD C16                                                                    | 12" PVC DRAIN BASIN  | 12" STANDARD GRATE                   | SHEET C-503 (NYLOPLAST)           | SD F5                                   | VDOT DI-1                                             | STANDARD FRAME AND GRATE | VDOT ROAD AND BRIDGE STANDARDS    |
| <b>NOTES:</b>                                                             |                      |                                      |                                   | CO F6                                   | CLEANOUT                                              | SOLID COVER              | SHEET C-503                       |
| 1. GRATES AND COVERS ARE RATED FOR HS-10 LOADING, UNLESS NOTED OTHERWISE. |                      |                                      |                                   | SD F7                                   | TRENCH DRAIN                                          | ADA HEEL-PROOF           |                                   |
| 2. SEE PROFILES FOR TOP AND INVERT ELEVATIONS.                            |                      |                                      |                                   | SD F8                                   | TRENCH DRAIN                                          | ADA HEEL-PROOF           |                                   |
| 3. PROVIDE VDOT I&I FOR VDOT STANDARD STRUCTURES.                         |                      |                                      |                                   |                                         |                                                       |                          |                                   |
| SUMPS ARE NOT USED FOR STORM DRAIN STRUCTURES UNLESS NOTED OTHERWISE.     |                      |                                      |                                   |                                         |                                                       |                          |                                   |

**NOTES:**

1. GRATES AND COVERS ARE RATED FOR HS-10 LOADING, UNLESS NOTED OTHERWISE.
2. SEE PROFILES FOR TOP AND INVERT ELEVATIONS.
3. PROVIDE VDOT IS-1 FOR VDOT STANDARD STRUCTURES.
4. SUMPS ARE NOT USED FOR STORM DRAIN STRUCTURES, UNLESS NOTED OTHERWISE.