



CITY OF BURLINGTON

ENGINEERING DEPARTMENT

425 S Lexington Ave.
Burlington, NC 27215

Memorandum

21 October 2005

JAMES M. LAURITSEN, P.E.
DIRECTOR OF DEVELOPMENT &
TECHNICAL SERVICES

Revise the November 2004, Engineering Specifications and Standard Details as follows:

- ➔ Page 10, paragraph METER SETTERS AND ACCESSORIES, D., 1.
Change: Custom setter H-1423 by Mueller;
To: Custom setter B-1423 by Mueller

- ➔ Page 26, paragraph EXCAVATION AND PREPARATION OF TRENCH
At the bottom of the page add the following paragraph: “In all cases where rock is encountered, the trenches will be backfilled to a depth of one foot (1’) over the top of the pipe with crushed stone and properly compacted. The trench shall then be brought back to grade with suitable material and properly compacted”.

- ➔ Page 38, paragraph TESTING OF WATER LINES (DISINFECTION)
Delete the first sentence “All water mains shall be disinfected by the contractor in accordance with AWWA C651.”
In place of the first sentence Add “All water mains and service lines up to and including the meter setters shall be disinfected by the contractor in accordance with AWWA C651.”

- ➔ Page 74, paragraph CONCRETE CURB AND CURB AND GUTTER
After the first subparagraph Add “All intersection curb radii shall have depressed curb for wheelchair ramp(s) as indicated or directed by the Engineer.”

- ➔ DELETE the following Details:
 - SC-10; 3/4” RESIDENTIAL WATER CONNECTION WITH CURB & GUTTER
 - SC-11; 3/4” RESIDENTIAL WATER CONNECTION WITHOUT CURB & GUTTER
 - SC-20; 1”, 1-1/2” and 2” METER BOX
 - SC-22; 1-1/2” & 2” WATER CONNECTION
 - SC-25; 4” WATER CONNECTION (SHEET 1 OF 2)
 - SC-26; 4” WATER CONNECTION (SHEET 2 OF 2)
 - SC-27; MFMII-MVR METER AND VAULT DETAIL W/ BYPASS FOR 6” WATER CONNECTION (SHEET 1 OF 3)
 - SC-28; MFMII-MVR METER AND VAULT DETAIL W/ BYPASS FOR 6” WATER CONNECTION (SHEET 2 OF 3)
 - SC-29; MFMII-MVR METER AND VAULT DETAIL W/ BYPASS FOR 6” WATER CONNECTION (SHEET 3 OF 3)
 - SC-30; MFMII-MVR METER AND VAULT DETAIL W/ BYPASS FOR 8” WATER CONNECTION (SHEET 1 OF 3)

- SC-31; MFMII-MVR METER AND VAULT DETAIL W/ BYPASS FOR 8" WATER CONNECTION (SHEET 2 OF 3)
- SC-32; MFMII-MVR METER AND VAULT DETAIL W/ BYPASS FOR 8" WATER CONNECTION (SHEET 3 OF 3)
- SC-41; 1-1/2" & 2" BELOW GRADE BACKFLOW AND METER ASSEMBLY
- SC-44; 4" BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 1 OF 2)
- SC-45; 4" BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 2 OF 2)
- SC-46; 6-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 1 OF 3)
- SC-47; 6-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 2 OF 3)
- SC-48; 6-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 3 OF 3)
- SC-49; 8-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 1 OF 3)
- SC-50; 8-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 2 OF 3)
- SC-51; 8-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 3 OF 3)
- SD-2; STANDARD BRICK CURB INLET
- R-4; STANDARD WHEELCHAIR RAMP
- R-5; STANDARD WHEELCHAIR RAMP

➔ ADD the following Attached New and Revised Details:

- SC-9; DUAL SERVICE TO ACCOMMODATE DOMESTIC AND IRRIGATION METERS
- SC-10; 1" AND 3/4" WATER SERVICE WITH CURB & GUTTER
- SC-11; 1" AND 3/4" WATER SERVICE WITHOUT CURB & GUTTER
- SC-20; 1-1/2" and 2" METER BOX
- SC-22; 1-1/2" & 2" WATER CONNECTION
- SC-25; 4" WATER CONNECTION (SHEET 1 OF 2)
- SC-26; 4" WATER CONNECTION (SHEET 2 OF 2)
- SC-27; METER AND VAULT DETAIL W/ BYPASS FOR 6" AND 8" WATER CONNECTION (SHEET 1 OF 2)
- SC-28; METER AND VAULT DETAIL W/ BYPASS FOR 6" AND 8" WATER CONNECTION (SHEET 2 OF 2)
- SC-44; 4" BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 1 OF 2)
- SC-45; 4" BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 2 OF 2)
- SC-46; 6 AND 8-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 1 OF 2)
- SC-47; 6 AND 8-INCH BELOW GRADE BACKFLOW AND METER ASSEMBLY (SHEET 2 OF 2)
- SD-2; STANDARD BRICK CURB INLET
- R-4; STANDARD WHEELCHAIR RAMP
- R-5; STANDARD WHEELCHAIR RAMP