

CITY OF ALBANY
CONSTRUCTION SPECIFICATIONS AND STANDARD DRAWINGS
Summary of Changes – Effective July 30, 2019

DIVISION 1 – GENERAL REQUIREMENTS

No changes were made to this division.

DIVISION 2 – GENERAL TECHNICAL REQUIREMENTS

- **Section 205.02.01A HOT MIX ASPHALT**

Delete paragraphs in this section and replace with the following incorporating warm mix asphalt:

205.02.01A HOT AND WARM MIX ASPHALT

For hot mix asphalt concrete applications, use asphalt cement as specified below:

Collector and Arterial Wearing Course (top 2-inches).

PG 70-22 is required if reclaimed asphalt binder content is less than 25 percent.

PG 64-22 is required if reclaimed asphalt binder content is between 25 and 35 percent.

All other applications:

PG 64-22 is required if reclaimed asphalt binder content is less than 25 percent.

PG 58-28 is required if reclaimed asphalt binder content is between 25 and 35 percent.

The reclaimed asphalt binder content shall not exceed 35% for any application.

- **Section 205.02.02A APPLICATIONS**

Delete Level 3 HMAC from first paragraph.

- **Section 208.02.01 HOT MIX ASPHALT CONCRETE**

Delete paragraphs in this section and replace with the following incorporating warm mix asphalt:

208.02.01 HOT AND WARM MIX ASPHALT CONCRETE

Hot and warm mix asphalt concrete shall conform to requirements Section 205 CONCRETE, ASPHALT, AND AGGREGATE MATERIALS.

- **Standard Drawing 209 Typical Street Name Sign**

Added Note 7 specifying street type abbreviation for Avenue shall be AVE.

DIVISION 3 – STREETS

No changes were made to this division.

DIVISION 4 – SANITARY SEWERS AND STORM DRAINS

- **Section 401.02.13B DEFLECTION TEST FOR PVC PIPE**

The following was added to the end of the second paragraph:

...as calculated per the methodology described in ASTM D3034/ASTM F679.

- **Section 402.01.04 MANHOLES**

Deleted sentence requiring manholes be supplied with steps from second paragraph.

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- **Section 402.01.04A CONES AND FLAT SLAB MANHOLE TOPS**
Paragraphs in this section were revised to require concentric cones regardless of manhole type or depth.
- **Section 402.01.04B MANHOLE BASES**
Deleted sentence “Steps installed in base sections shall be located 180° from the manhole outlet”.
- **Section 402.01.04E MANHOLE FRAME AND COVER ASSEMBLIES**
Revised first paragraph to call out correct detail number and title for lock-down manhole lid.

Manholes requiring a lock-down lid will conform to the requirements of Standard Detail No. 405 “WATERTIGHT MANHOLE FRAME AND COVER”.

- **Section 402.01.04F STEP ASSEMBLIES**
Deleted this section in its entirety.
- **Section 402.02.02B PIPE CONNECTIONS TO NEW MANHOLES**
Revised paragraph to clarify that flexible pipe to manhole connectors are required for all pipes, not just sanitary sewer.

Openings for pipe connections shall be core-drilled and shall be fitted with flexible, manhole to pipe connectors. Pipe connections to manholes shall be water tight.

- **402.02.02D ADJUSTMENT OF MANHOLES TO GRADE**
Deleted sentence “The top step assembly shall be removed if found to be less than 16 inches from finish grade.” from the first paragraph
- **Standard Drawing 401 STANDARD PRECAST MANHOLE**
Removed notes requiring step. Added Note 5. NO INTERIOR GROUTING IS ALLOWED. Revised drawing and Note 1 to require concentric cones.
- **Standard Drawing 402 SHALLOW PRECAST MANHOLE DETAIL**
Removed note specifying “STEP ASSEMBLIES SHALL NOT BE INSTALLED IN MANHOLES WHERE INSIDE HEIGHT IS LESS THAN 5’.” Added Note 4. NO INTERIOR GROUTING IS ALLOWED.
- **Standard Drawing 403 STANDARD DROP MANHOLE**
Added Note 5. NO INTERIOR GROUTING SHALL BE ALLOWED. Revised drawing to depict manhole with concentric cone.
- **Standard Drawing 405 WATERTIGHT MANHOLE FRAME & COVER**
Updated detail to show new City Logo.
- **Standard Drawing 406 TAMPERPROOF MANHOLE FRAME & COVER**
Updated detail to show new City Logo.
- **Standard Drawing 407 STANDARD MANHOLE FRAME & COVER**
Updated detail to show new City Logo.
- **Standard Drawing 409 STANDARD MANHOLE FRAME & COVER**

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Updated detail to show new City Logo; Revised drawing to depict manhole with concentric cone. Modified Note 3 and drawing to specify use of a 4' Diameter Circular pavement cut to complete the manhole adjustment; Added Note 5. NO INTERIOR GROUTING SHALL BE ALLOWED.

- **Standard Drawing 416 STANDARD SANITARY SEWER/STORMDRAIN 24" MINI-MANHOLE MAINLINE CLEANOUT DETAIL**
Deleted mainline cleanout drawing specifying a wastewater access chamber and replaced with new drawing specifying a mini-manhole.

DIVISION 5 – WATER

- **Section 501.01.01A DUCTILE IRON PIPE JOINTS - MECHANICAL JOINTS**
Added the following sentence to the third paragraph requiring bolts be provided with factory applied coating.

Bolts shall be provided with factory applied coating for corrosion protection.

- **Section 501.01.01A DUCTILE IRON PIPE JOINTS - MECHANICAL JOINTS - RETAINER GLANDS**
Added the following sentence to the first paragraph requiring retainer glands be epoxy coated:

Retainer glands shall be epoxy coated.

Added the following to the list of approved retainer glands:

Romagrip Romabond w/R-Blue B&N as manufactured by Romac Industries, Inc.

- **Section 501.01.04A DUCTILE AND CAST IRON FITTINGS**
Added the following to the Acceptable ductile and cast iron fittings, couplers, and adapters list:

Star Pipe Products

- **Section 501.01.08 CATHOTIC PROTECTION**
Revised the second paragraph to specify new model of anode.

Cathodic protection shall be FARWEST UltraMag High Potential 17D3 with the standard, 10-foot #12thhn solid wire as manufactured by Farwest Corrosion Control Company or approved equal.

- **Section 502.01.01 RESILIENT-SEATED, IRON BODY GATE VALVES**
Added the following to the Acceptable resilient-seated gate valves list:

American "Resilient Wedge".

- **Section 502.01.02 BUTTERFLY VALVES**
Added the following to the acceptable butterfly valves list:

Val-Matic

- **Section 503.01.01 FIRE HYDRANTS**
Added the following to the Acceptable fire hydrants list:

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American Flow Control Darling and American Flow Control Waterous-Pacer.

- **Section 504.01.04 SERVICE SADDLES**

Modified first two paragraphs in this section to require bronze saddles, when specified. No changes were made to approved model numbers.

Bronze service saddles (bronze double straps, bronze bodied) will be required for 1-inch service taps on four-inch ductile iron pipe; for all service taps on steel, cast iron pipe, and AC Pipe; and for service taps greater than 1-inch regardless of pipe type.

Service saddles, when required, shall be bronze service saddles (bronze double straps, bronze bodied). Model numbers for bronze saddles are:

- **Section 504.01.05 METERS**

Deleted “and adapters” from first sentence.

- **Standard Drawing 507 ¾” AND 1” WATER SERVICES**

Modified Note 6 to require bronze bodied saddles with bronze straps when service saddles are required.

6. SERVICE SADDLES, WHEN REQUIRED, SHALL BE BRONZE (BRONZE DOUBLE STRAPS AND BRONZE BODIED) PER SECTION 504.01.04 .

- **Standard Drawing 508 1 ½” AND 2” WATER SERVICES**

Modified Note 6 to require bronze bodied saddles with bronze straps.

6. BRONZE SERVICE SADDLES (BRONZE DOUBLE STRAPS AND BRONZE BODIED) ARE REQUIRED FOR ALL SERVICE TAPS GREATER THAN 1” PER SECTION 504.01.04.

- **Standard Drawing 510 WATER METER VAULTS**

Deleted column specifying Meter Model Type.

Changed temp spool length from 18” to 32” for 3-inch meter.

Modified Note 1 to specify the City will provide temporary spools.

Modified Note 3 to delete “WHEN THE TEMPORARY SPOOL IS REMOVED FOR A 3” METER, 4” × 3” REDUCERS SHALL BE INSTALLED.”

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DIVISION 6 – POST-CONSTRUCTION STORMWATER QUALITY FACILITIES

- **Section 604.01.01 JUTE MATTING - MATERIALS**
Revised first paragraph to incorporate required testing procedures for jute matting and deleted table of average roll properties.
- **Section 604.02.01 STRAW MATTING - MATERIALS**
Revised first paragraph to incorporate required testing procedures for straw matting and deleted table of average roll properties.
- **Standard Drawing 604A STREETSIDE PLANTERS PLAN VIEW**
Modified drawing to note “SPLASH PAD” instead of “4” SPLASH PAD”.
- **Standard Drawing 612 TYPICAL STREETSIDE CURB NOTCH PAVER SPLASH PAD**
Modified drawing to specify a concrete paver stone splash pad.
- **Standard Drawing 613 CURB EXTENSION INLET**
Modified drawing to note “SPLASH PAD” instead of “4” SPLASH PAD”.
- **Standard Drawing 614 STREETSIDE GRATED INLET**
Modified drawing to note “SPLASH PAD” instead of “4” SPLASH PAD”.
- **Standard Drawing 615 CURB INLET SEDIMENT COLLECTOR WITH PLANTER**
Modified drawing to note “SPLASH PAD” instead of “4” SPLASH PAD”.
- **Standard Drawing 616A CATCH BASIN SEDIMENT COLLECTOR WITH PLANTER**
Modified drawing to note “SPLASH PAD” instead of “4” SPLASH PAD”.
- **Standard Drawing 616B CATCH BASIN SEDIMENT COLLECTOR WITH SWALE**
Modified drawing to note “SPLASH PAD” instead of “4” SPLASH PAD”.
- **Standard Drawing 621 PRETREATMENT MANHOLE**
Added new detail.