Section J: Service Boxes Effective Date: 01-01-2025

- J 1 Meter Box (5/8" & 1") Single Service Non-Traffic Areas
- J 2 Meter Box (5/8") Dual Service Non-Traffic Areas
- J 3 Meter Box (5/8" & 1") Single Service Traffic Rated
- J 4 Meter Box (5/8") Dual Service Traffic Rated
- J 5 Meter Box (1 1/2", & 2") Single Service Traffic and Non-Traffic Rated
- J 6 Lid Details (5/8" & 1") Single Service Non-Traffic Areas
- J 7 Lid Details (5/8") Dual Service Non-Traffic Areas
- J 8 Lid Details (5/8" & 1") Single Service Traffic Rated
- J 9 Lid Details (5/8") Dual Service Traffic Rated
- J 10 Lid Details (1-1/2" & 2") Single Service Traffic and Non-Traffic Rated



J 1 – METER BOX (5/8" & 1") SINGLE SERVICE NON-TRAFFIC AREAS:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

5/8" & 1" water meter box shall meet or exceed the performance specifications of:

- Boxes and Lids shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a High-Density Polyethylene material.
- Box shall be compatible with Lid from Material Specification J 6.

APPLICATIONS & APPLICATION REQUIREMENTS:

- Acceptable in incidental traffic and non-traffic applications .
- 5/8" & 1" Single Service metered services.
- Box shall be black in color.
- See Material Specification J 6 for lid details.



MANUFACTURER:

- NDS D1200-BO
- DFW DFW1200TT-12-BODY
- Carson 1015-12

RESTRICTIONS:

- 5/8" & 1" single Service
- · Acceptable in non-traffic applications only



J 2 - METER BOX (5/8") DUAL SERVICE NON-TRAFFIC AREAS:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

- 5/8" water meter box dual service meter box, shall meet or exceed the performance specifications of:
- Boxes and Lids shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a High-Density Polyethylene material.
- Box shall be compatible with Lid from Material Specification J 7.

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APPLICATIONS & APPLICATION REQUIREMENTS:

- Acceptable in non-traffic applications only.
- 5/8" Dual Service metered services.
- · Box shall be black in color.
- See Material Specification J 7 for lid details.



MANUFACTURER:

- NDS D1500-DU B/O
- Carson 1220-12

RESTRICTIONS:

- 5/8" Dual Service
- · Acceptable in non-traffic applications only



J 3 – METER BOX (5/8" & 1") SINGLE SERVICE TRAFFIC RATED:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

5/8" & 1" water meter box shall meet or exceed the performance specifications of:

- Boxes and Lids shall be designed and tested to meet ASTM A48, Class 30B and ANSI/SCTE 77 Tier 15 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a Polyolefin material.
- Box shall be compatible with Lid from Material Specification J 8.

APPLICATIONS & APPLICATION REQUIREMENTS:

- 5/8" & 1" Single Service metered services.
- · Box shall be black in color.
- See Material Specification J 8 for lid details.



MANUFACTURER:

- TriCast 1118-12 Flare Wall Poly-Fibre H20
- DFW DFW37C-12-1MA
- SIGMA RMB111812 NSW-W
- Brooke Products No.37 MB (See Restrictions)

RESTRICTIONS:

- 5/8" & 1" Single Service
- Acceptable only in occasional, non-deliberate traffic applications.
- Not acceptable in deliberate heavy vehicular traffic applications when AASHTO H-20 load rating is required.
- Brooke Products No. 37 MB to be used for LPS box only



J 4 – Meter Box (5/8") Dual Service Traffic Rated:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

5/8" Dual traffic rated water meter box shall meet or exceed the performance specifications of:

- Boxes and Lids shall be designed and tested to meet ASTM A48, Class 30B and ANSI/SCTE 77 Tier 15 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a Polyolefinmaterial.
- Box shall be compatible with Lid from Material Specification J 9.

APPLICATIONS & APPLICATION REQUIREMENTS:

- 5/8" Dual Service metered services.
- Box shall be black in color.
- See Material Specification J 9 for lid details.



MANUFACTURER:

- SIGMA RMB141612NSW3M
- SIGMA RMB171814NSW3M
- DFW-38C-14-BODY
- DFW39C-12-BODY

RESTRICTIONS:

- 5/8" Dual Service
- Acceptable only in occasional non-deliberate traffic applications.
- Not acceptable in deliberate heavy traffic applications when ASHTO H-20 is required.



J 5 – METER BOX (1-1/2" & 2") SINGLE SERVICE TRAFFIC AND NON-TRAFFIC RATED:

Effective Date: <u>01-01-2025</u>

SPECIFICATION/ MATERIAL:

1-1/2" & 2" water meter box 1730-18 BCF-XL, shall meet or exceed the performance specifications of:

- Boxes and Lids shall be designed and tested to meet ASTM A48, Class 30B and ANSI/SCTE 77 Tier 15 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a Polyolefinmaterial.
- Box shall be compatible with Lid from Material Specification J 10.

APPLICATIONS & APPLICATION REQUIREMENTS:

- 1-1/2" & 2" Single Service metered services.
- · Box shall be black in color.
- See Material Specification J 10 for lid details.



MANUFACTURER:

- DFW DFW1730CH-18-BODY
- TriCast OC-1730-18 BCF H20-Black Meter Box
- SIGMA RMB1730-SWM-W

RESTRICTIONS:

- 1-1/2" & 2" Single Service
- Acceptable in non-traffic and occasional traffic applications
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.



J 6 – LID DETAILS (5/8" & 1") SINGLE SERVICE NON-TRAFFIC AREAS:

Effective Date: <u>01-01-2025</u>

SPECIFICATION/ MATERIAL:

5/8" & 1" water meter Lid Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Lid shall be made of a High-DensityPolyethylene material.
- Lid shall be compatible with Box from Material Specification J 1.

APPLICATIONS & APPLICATION REQUIREMENTS:

- · Acceptable in non-traffic applications only.
- 5/8" & 1" Single Service metered services.
- · Lid shall be black in color.
- See Material Specification J 1 for box details.
- The lid shall have an under-mount system to hold antenna / ERT.
- A ferrous material shall be molded within the lid for locating purposes.



MANUFACTURER:

- NDS D12-BAMRL
- DFW DFW36M-1A-LID
- TriCast MSTRICAST-10-15-BR-R

RESTRICTIONS:

- 5/8" & 1" Single Service
- · Acceptable in non-traffic applications only



J 7 – LID DETAILS (5/8") DUAL SERVICE NON-TRAFFIC AREAS:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

5/8" & 1" water meter Lid Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Lid shall be made of a High-DensityPolyethylene material.
- Lid shall be compatible with Box from Material Specification J 2.

APPLICATIONS & APPLICATION REQUIREMENTS:

- 5/8" Dual Service metered services.
- Lid shall be black in color.
- See Material Specification J 2 for box details.
- The lid shall have an under-mount system to hold antenna / ERT.
- A ferrous material shall be molded within the lid for locating purposes.



MANUFACTURER:

- DFW- DFW39M-1MA-LID
- NDS D15-BAMRL
- TriCast MSTRICAST-1220-2B

RESTRICTIONS:

- 5/8" Dual Service
- Acceptable in non-traffic applications only



J 8 – LID DETAILS (5/8" & 1") SINGLE SERVICE TRAFFIC RATED:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

5/8" & 1" water meter Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTMA48, Class 30B and ANSI Tier 15 load rating standards and have labeling to indicate this loading
- · Lid shall be made of a Polyolefinmaterial.
- Lid shall be compatible with Box from Material Specification J 3.

APPLICATIONS & APPLICATION REQUIREMENTS:

- 5/8" & 1" Single Service metered services.
- Lid shall be black in color.
- See Material Specification J 3 for box details.
- The lid shall have an under-mount system to hold antenna / ERT.
- A ferrous material shall be molded within the lid for locating purposes.



MANUFACTURER:

- TriCast 1118 H20 Poly-Fibre Meter Lid
- Sigma N1118BLKWAT-UM
- DFW DFW37C-1A-LID
- SIP Industries No. 2926 (See Restrictions)

RESTRICTIONS:

- 5/8" & 1" Single Service
- Acceptable only in occasional non-deliberate traffic applications.
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.
- SIP Industries No. 2926 to be used for LPS only and is to be marked "SEWER"



J 9 – LID DETAILS (5/8") DUAL SERVICE TRAFFIC RATED:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

5/8" & 1" water meter Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTMA48, Class 30B and ANSI Tier 15 load rating standards and have labeling to indicate this loading
- Lid shall be made of a Polyolefin material.
- Lid shall be compatible with Box from Material Specification J 4.

APPLICATIONS & APPLICATION REQUIREMENTS:

- 5/8" Dual Service metered services.
- See Material Specification J 4 for box details.
- The lid shall have an under-mount system to hold antenna / ERT.
- A ferrous material shall be molded within the lid for locating purposes.



MANUFACTURER:

- SIGMA 718BLKWAT-2UM
- SIGMA N1416BLKWAT-2UM
- DFW- DFW38C-1MA-LID
- DFW-DFW39C-1A-LID

RESTRICTIONS:

- (5/8") Dual Service
- Acceptable only in occasional non-deliberate traffic applications.
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.



J 10 – LID DETAILS (1-1/2" & 2") SINGLE SERVICE TRAFFIC AND NON-TRAFFIC RATED:

Effective Date: 01-01-2025

SPECIFICATION/ MATERIAL:

1-1/2" & 2" water meter FL369P Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTMA48, Class 30B and ANSI Tier 15 load rating standards and have labeling to indicate this loading
- Lid shall be made of a Polyolefin material.
- Lid shall be compatible with Box from Material Specification J 5.

APPLICATIONS & APPLICATION REQUIREMENTS:

- 1-1/2" & 2" Single Service metered services.
- See Material Specification J 5 for box details.
- The lid shall have an under-mount system to hold antenna / ERT.
- A ferrous material shall be molded within the lid for locating purposes.



Manufacturer:

- DFW DFW1730C-1MA-LID
- Oldcastle FL36 (17X30) LID
- SIGMA N1730BLKWAT LID

RESTRICTIONS:

- (1-1/2" & 2") Single Service
- Acceptable in non-traffic and occasional nondeliberate traffic applications.
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.

