APPROVED UTILITY PRODUCTS LIST

DATE: 5-25-2011 @ 3:33 PM

I. BALL VALVES, CORPORATIONS, RESETTERS, UNIONS (FLARE)

AWWA C-800/red brass – 85% copper, 5% tin, 5% lead, 5% zinc
(Ball valves have 360° rotation with locking wing nut.)
Acceptable brands are:

A. Ford
B. Mueller
C. A.Y. McDonald Mfg Co.

I-I. BALL VALVES, CORPORATIONS, RESETTERS, UNIONS (COMPRESSION)

AWWA C-800/red brass – 85% copper, 5% tin, 5% lead, 5% zinc
(Ball valves have 360° rotation with locking wing nut.)
Acceptable brands are:

A. Ford (Q-NUT)
B. Mueller (CTS-110)
C. A.Y. McDonald Mfg Co. (T-NUT)

II. BRASS BUSHINGS, NIPPLES, PLUGS, TEES

Domestic or Import
Acceptable brands are:

A. Merit Brass
B. Grinnell
C. Preferred Pipe
D. Lee

III. BRASS GATE VALVES

Domestic/Imports
Acceptable brands are:

A. Grinnell
B. Crane
C. Milwaukee
D. Hammond
E. Nibco
F. Matco-Norca

IV. COPPER FITTINGS

Domestic only
Acceptable brands are:

A. Mueller Brass
B. Grinnell
C. Nibco

V. COPPER TUBING

Type "K" soft copper – for water services ¾" to 1"
Type "L" hard copper – for 1 ½" and 2" copper
Domestic only
Acceptable brands are:

A. Mueller
B. Wolverine
C. Cambridge Lee – Halstead, Reading
D. Cerro

V-I. POLY TUBING SDR-9 200 PSI CTS 1" AND ¾"

Acceptable brands are:

A. Endotrace

VI. GALVANIZED FITTINGS

Domestic or import
Acceptable brands are:

A. Grinnell
B. Southern Nipple
C. Union

VII. DUCTILE IRON PIPE

150 lbs Test, Class 51
Domestic only
Acceptable brands are:

A. U.S. Pipe
B. Griffin
C. American Cast Iron Pipe Co.

VIII. DUCTILE IRON RETAINER GLANDS

Acceptable brands are:

A. Tyler Pipe
B. U. S. Pipe
C. Sigma

IX. CAST IRON FITTINGS

Acceptable brands are:

A. Class 350 Short body D.I.
    1. Tyler Pipe
    2. Sigma
    3. American Cast Iron Pipe Co.
    4. Serampore
    5. Star pipe

X. CAST IRON VALVES

AWWA C-509 R/S "550 Coated Epoxy"
Domestic only
Acceptable brands are:

A. Mueller
B. American flow control / American Darling
C. M & H
D. Clow R/S

XI. CAST IRON TAPPING VALVES

AWWA C-509 R/S
Domestic only
Acceptable brands are:

A. American flow control / American Darling
B. Mueller
C. M & H
D. Clow R/S

XII. CAST IRON TAPPING SLEEVE

Acceptable brands are:

A. Mueller
B. Clow
C. M & H
D. Waterous

XIII. TAPPING SLEEVE

Epoxy coated, stainless steel nuts and bolts or all stainless steel.
Acceptable brands are:

A. Smith Blair
B. JCM
C. Ford
D. Romac

XIV. FITTINGS FOR SCHEDULE 40 PVC

Acceptable brands are:

A. Spears
B. Lasco
C. Nibco

XV. FITTINGS FOR DR 26 " Sewer Fittings"

Acceptable brands are:

A. Multi-fitting
B. Plastic Trends
C. Vassallo

XVI. VALVE BOXES AND LIDS

Plastic

Acceptable brands are:

A. Ameter

XVII. PLUGS

Plastic

Acceptable brands are:

A. Vassallo

XVIII. REPAIR CLAMPS

Stainless steel bolts

Acceptable brands are:

A. Smith Blair
B. Ford
C. Romac

XIX. REDI CLAMPS, BELL JOINT LEAK CLAMPS, BOLTED CAST COUPLINGSTRANSITION COUPLINGS, CUT IN REPAIR COUPLINGS

Acceptable brands are:

A. Smith Blair
B. Ford
C. Romac

XX. SERVICE SADDLES

A. 2" TO 4" – 315 single strap

Acceptable brands are:

1. Smith Blair
2. Ford
3. Romac

B. 6" TO 12" – 317 double strap with npt tap

Acceptable brands are:

1. Smith Blair
2. Ford
3. Romac

XXI. COMPRESSION COUPLINGS 525

Acceptable brands are:

A. Smith Blair
B. JCM
C. Romac

XXII. CLAY SEWER PIPE AND FITTINGS

-for repairs only -

Acceptable brands are:

A. Mission Clay Products

XXIII. SEWER DONUT

Acceptable brands are:

A. Fernco
B. DFW
C. Flow
D. Indiana Seal

XXIV. BANDED ADAPTOR FOR SEWER PIPE

Acceptable brands are:

A. Fernco
B. Flow
C. DFW
D. Indiana Seal

XXV. CAST IRON SOIL PIPE AND FITTINGS

Acceptable brands are:

A. Tyler Pipe

XXVI. 24" 300 POUND CAST IRON – MANHOLE RINGS/LIDS, MANHOLE EXTENSIONS, 339 CLEANOUTS AND LIDS, EXTENSIONS

Acceptable brands are:

A. Bass/Hayes
B. Serampore

XXVI-I. 30" 175 AND 210 POUND CAST IRON – MANHOLE RINGS/LIDS AND EXTENSION

Acceptable brands are:

A. Star
B. Sigma
C. East Jordan Iron Works / B&H; V1420/1480

XXVII. MANHOLE INSERTS

Acceptable brands are:

A. L. F. Product
B. Enviroquip corp.

XXVIII. MANHOLE CONES & RISERS – CONCRETE

Acceptable brands are:

A. Hanson
B. Tyler Products

XXIX. STORM SEWER RING AND LID
24" 226 RING AND 226-L LID
Acceptable brands are:

A. Bass/Hayes
B. East Jordan Iron Works

XXX. METER BOXES AND COVERS
Acceptable brands are:

A. For cleanout /sewer tap: NDS part number D1200-CI and DFW #1200TT-CI.
B. For water tap: NDS: part number D15AMR2-OLLOC with a mouse hole on each end. DFW: part number 16AMRBLOC with a mouse hole on each end.
C. For driveways: 1" and 5/8" x ¾" water meters use a CDR System Corp. WA22-1118-12 TR with one 2" touch read hole and 2ea. 2-1/2" x 4" mouse hole centered each end or equal. For 1-1/2" & 2" water meters use a CDR system Corp. WA22-1730-12TR or a WA22-1730-18TR with one 2" touch read hole and 2ea. 2-1/2" x 4" mouse hole centered each end or equal. For driveways with cleanouts /sewer taps: Use a CDR System Corp. WA24-132412 or equal.

XXXI. VALVE STAND AND LID
Acceptable brands are:

A. Bass/Hayes
B. Sigma
C. Serampore
D. Star Pipe Products

XXXII. TRANSITION GASKETS
Acceptable brands are:

A. Tyler Pipe
B. Kennedy
C. Gates Rubber Co.

XXXIII. PORTLAND CEMENT – 94 lb sack
Acceptable brands are:

A. TXI
B. Texas LeHigh
C. Ideal

XXXIV. MASONRY CEMENT
Acceptable brands are:

A. TXI
B. Texas LeHigh
C. Ideal

XXXV. READY TO USE CONCRETE MIX

Acceptable brands are:

A. Sakrete
B. Quickrete
C. Easy-Mix

XXXVI. HYDRANTS

Open counter-clockwise; AWWA C-502, 4-1/2" pumper nozzle, painted yellow.
Acceptable brands are:

A. Mueller – A – 423
B. American Darling B84Btc
C. Clow- Medallion

XXXVII PLASTIC WATER PIPE DR 18 C-900 OR CERTA-LOK C-900

Acceptable brands are:

A. Certainteed
B. Napco
C. JM / PWEagle
D. Diamond Pipe Co.
E. Pipelife Jet Stream, Inc.

PLASTIC WATER PIPE UPONOR AWWA C909 (Ultra Blue)
SDR 26 minimum
Acceptable brands are:

A. JM / PWEagle

XXXVIII. PLASTIC HEAVY WALL SEWER PIPE SDR 26

No SDR 35
Acceptable brands are:

A. Certainteed
B. Napco
C. JM / PWEagle
D. Pipelife Jet Stream, Inc.
E. Diamond Pipe Co.
F. Hawk Pipe Co.
G. SIP

XXXIX. VAULTS

Acceptable brands are:

A. CDR