

MATERIAL MANUFACTURER

PIPE	4-INCHES THRU 12-INCHES: PVC – AWWA C900-97, DR 18 DI – AWWA C151-02, PRESSURE CLASS 350 CEMENT MORTAR LINED 14-INCHES AND LARGER: PVC – AWWA C905-97, CAST-IRON-PIPE-EQUIPMENT OUTSIDE DIAMETER, PRESSURE RATING 165 PSI DI – AWWA C151-02, PRESSURE CLASS 150 OR GREATER, CEMENT MORTAR LINED
TUBING	AWWA C901-02, PE 3408, DR 9, PRESSURE CLASS 200 ¾-INCH THRU 1½-INCH NOMINAL SIZE, WITH STAINLESS STEEL INSERTS, ENRON OR ENDOT Endopure
GATE VALVES	2-INCHES AND SMALLER: MUELLER A-2360-8, OR AMERICAN AVK, THREADED ENDS 4-INCHES AND LARGER: MECHANICAL JOINT ENDS, AWWA C509-01, MUELLER A-2360 OR AMERICAN AVK, OR AWWA C515-01, AMERICAN FLOW CONTROL SERIES 2500
BUTTERFLY VALVES	LARGER THAN 12" AWWA C504, RESILIENT SEATED MUELLER LINESEAL 111 M.J. KENNEDY BFV, FIG. 30
VALVE BOXES	TYLER 461-S 18" – 24" TYLER 562-S 24" – 36"
CHECK VALVE	CAST IRON, RESILIENT SEAT, AWWA C508 AMERICAN FLOW 50SC MUELLER MA-2602-6-01-LW
FITTINGS	4-INCHES AND LARGER: AWWA C153-00 OR C110-03, MECHANICAL JOINT TYPE, CEMENT-MORTAR LINED
RESTRAINING DEVICES	PVC PIPE EBAA IRON MEGA-LUG 2000PV, 1600, 2800 FORD UNIFLANGE 1500, 1300, 1350, 1390 DUCTILE IRON EBAA IRON MEGA-LUG 1100, 1700, 1100SD FORD UNIFLANGE 1400
2" AIR RELEASE VALVE	APCO ARV, MODEL 200, VALMATIC, MODEL 45 CRISPIN, MODEL PL20 A.R.I. FLOW CONTROL
TAPPING VALVE	MUELLER T-2360 AMERICAN FLOW CONTROL SERIES 2500

CITY OF GROVELAND STANDARD DETAILS: RECLAIMED WATER



METZGER & WILLARD, INC.
Civil • Environmental Engineers • Surveyors
 8600 Hidden River Parkway, Suite 550
 Tampa, Florida 33637 (813) 977-6005

**APPROVED MATERIALS
 AND PRODUCTS**

DATE: JULY 7, 2008
 SCALE: N.T.S.

R-2A