

FIRE HYDRANT (5 ¼" BARREL)

MANUFACTURER	MODEL #
AMERICAN AVK CO.	SERIES #2780
AMERICAN DARLING	5 ¼" B-84-B5
CLOW	MEDALLION #F-2545 SS
EJ GROUP, INC.	WATERMASTER 5 ¼" #5CD250
KENNEDY	GUARDIAN K81-D
MUELLER	A423 SUPER CENTURION 250

AIR RELEASE VALVES

MANUFACTURER	MODEL #
VENT-O-MAT	RBX 2521

GATE VALVES AND TAPPING VALVES – RESILIENT SEATED (AWWA C509 AND C515) 24" OR SMALLER (VALVE WEDGE TO BE COMPLETE ENCLOSED WITH EPDM RUBBER)

MANUFACTURER	MODEL #
AMERICAN AVK CO.	SERIES 3, 18, 25, 45, 55, & 66
AMERICAN FLOW CONTROL	SERIES 2500
CLOW	MODEL 2638 AND 2639
KENNEDY	C509, C515
MUELLER	A-2360, A-2361, T-2360 & T-2361



STANDARD CONSTRUCTION DETAIL
POTABLE WATER APPROVED
PRODUCTS

REV. 12/18

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DETAIL REF:
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WATER SERVICE MATERIALS

DUCTILE IRON

MATERIAL	ASTM A536 MINIMUM GRADE 70-50-5 IN ACCORDANCE WITH AWWA C153 (ANSI A21.53)
PRESSURE	CLASS 350 IN ACCORDANCE WITH AWWA C153 (ANSI A21.53) 350 PSI WATER WORKING PRESSURE
TESTING	IN ACCORDANCE WITH AWWA C153 (ANSI A21.53) THREE TIMES WATER WORKING PRESSURE (350 PSI) BODY CAPABLE OF WITHSTANDING HYDROSTATIC TEST OF 1050 PSI
FLOW	IE EQUAL TO ID OF CLASS 50/51 DUCTILE IRON PIPE, THUS ALLOWING THE FULL FLOW FEATURE
LAYING LENGTH	SHORT BODY (COMPACT)
CEMENT LINING	IN ACCORDANCE WITH AWWA C104 (ANSI A21.4)
MECHANICAL JOINTS	IN ACCORDANCE WITH AWWA C111 (ANSI A21.11)
GASKETS	SBR IN ACCORDANCE WITH AWWA C111 (ANSI A21.11)
TEE HEAD BOLTS	COR-TEN IN ACCORDANCE WITH AWWA C111 (ANSI A21.11)
ACCEPTABLE MANUFACTURERS	TYLER, CLOW, GRIFFIN, U.S. PIPE, UNION FOUNDRY, AMERICAN CAST IRON, OR APPROVED EQUALS

POLYETHYLENE TUBING – (BLUE WITH UV PROTECTION (SDR-9) 1" & 2" ONLY)

MANUFACTURER	MODEL #
ENDOT ENDOPURE	ENDOTRACE W/#10 COPPERHEAD TRACER WIRE



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CORPORATION STOP 1"

MANUFACTURER	MODEL #
FORD	F-1100-4

CURB STOP – STRAIGHT BALL METER VALVE W/ BARREL LOCKS

MANUFACTURER	MODEL #
FORD	B-94-324W (SINGLE SERVICE) B-91-223W (DOUBLE SERVICE)

"U" BRANCH (1" X ¾")

MANUFACTURER	MODEL #
FORD	U-48-43-6.5

JOINTS RESTRAINED – PVC AND DIP

MANUFACTURER	MODEL #
EBBA IRON INC.	SERIES 1100/1500/1600 2000/2500/2800
SIGMA	ONE-LOCK SLD; ONE-LOCK SLC; PV-LOK FOR PVC
SMITH-BLAIR	CAM-LOCK (111 & 120) ; BELL-LOCK (115 & 165)
STAR PIPE	STARGRIP SERIES 1000/1100/1200 3000/ 4000



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DETAIL REF:
W-3.2