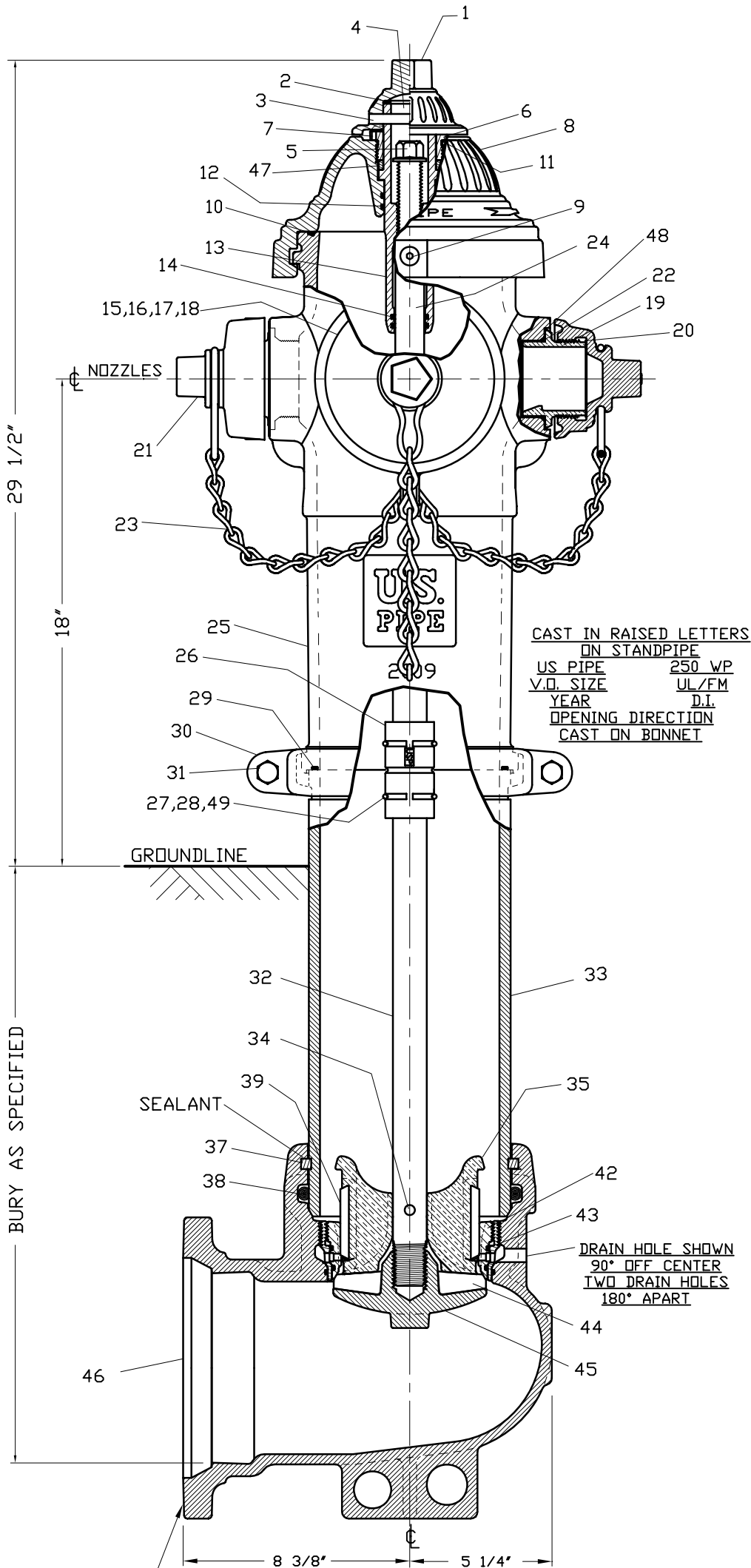
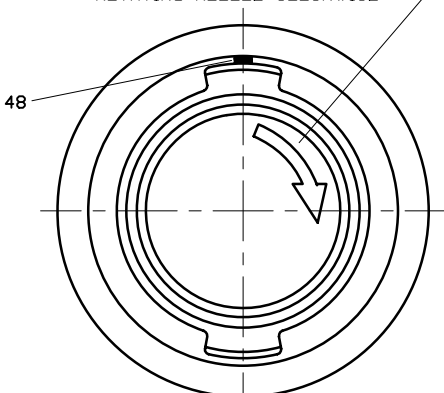




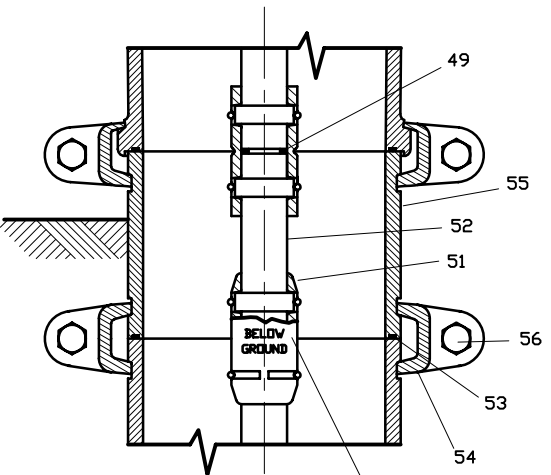
CAST IN RAISED LETTERS
ON STANDPIPE
US PIPE 250 WP
V.O. SIZE UL/FM
YEAR D.I.
OPENING DIRECTION
CAST ON BONNET

6" MJ INLET PER
ANSI/AWWA C111/A21.11

REMOVE NOZZLE FROM UPPER BY
REMOVING NOZZLE LOCK(48) AND
ROTATING NOZZLE CLOCKWISE



NOZZLE LOCK DETAIL



DETAIL OF
HYDRANT EXTENSION

ITEM NO.	NAME OF PART	QTY REQ'D	MATERIAL	SPECIFICATION
1	OPERATING NUT	1	DUCTILE IRON	ASTM A536
2	OPERATING NUT SEAL	1	RUBBER	BUNA N 70 DURO
3	OPERATING NUT LOCKING PIN	1	STEEL	RUST PROOFED
4	LUBRICANT (IN CHAMBER)	1	DIANA 2100	FORSYTHE
5	TRAVEL STOP NUT	1	STEEL	ASTM A307 GR.B
6	HOLD DOWN NUT	1	BRONZE	ASTM B584 C8345
7	HOLD DOWN NUT SCREW	1	STEEL	ASTM A574
8	BONNET<SPECIFY DIRECTION>	1	DUCTILE IRON	ASTM A536
9	BONNET LOCKING SCREW	1	STAINLESS STEEL	TYPE 18-8
10	BONNET SEAL	1	RUBBER	BUNA N 70 DURO
11	O-RING	1	RUBBER	BUNA N 70 DURO
12	BONNET-REVOLVING NUT "O" RINGS	2	RUBBER	BUNA N 70 DURO
13	REVOLVING NUT<SPECIFY DIRECTION>	1	BRONZE	ASTM B584 C8345
14	INNER REVOLVING NUT "O" RINGS	2	RUBBER	BUNA N 70 DURO
15	PUMPER NOZZLE	1	BRONZE	ASTM B584 ALLOY 844
16	PUMPER NOZZLE CAP GASKET	1	RUBBER	D-2000 NEOPRENE
17	PUMPER NOZZLE CAP	1	CAST IRON	A-126 CLASS B
18	PUMPER NOZZLE O-RING	1	RUBBER	D-2000 BUNA N
19	HOSE NOZZLE	2	BRONZE	B-584 ALLOY 844
20	HOSE NOZZLE CAP GASKET	2	RUBBER	D-2000 NEOPRENE
21	HOSE NOZZLE CAP	2	CAST IRON	A-126 CLASS B
22	HOSE NOZZLE O-RING	2	RUBBER	D-2000 BUNA N
23	CHAIN ASSEMBLY	1	STEEL	RUST PROOFED
24	ROD UPPER, <SPECIFY DIRECTION> INCLUDING, SHEATH W/UL "O" RING	1	STAINLESS STEEL	TYPE 410
25	STANDPIPE UPPER <SPECIFY V.O.>	1	DUCTILE IRON	ASTM A536
26	ROD COUPLING <FRANGIBLE>	1	CAST IRON	ASTM A126 CL.B
27	COUPLING RETAINING RINGS	2	STAINLESS STEEL	TYPE 18-8
28	ROD COUPLING PINS	2	STAINLESS STEEL	ASTM A276 (431)
29	STANDPIPE COUPLING SEAL	1	RUBBER	BUNA N 70 DURO
30	SP. COUPLING HALVES <FRANGIBLE>	2	CAST IRON	ASTM A126 CL.B
31	STANDPIPE COUPLING BOLT & NUT	2	STAINLESS STEEL	TYPE 304
32	VALVE ROD LOWER <SPECIFY BURY>	1	STAINLESS STEEL	TYPE 410
33	STANDPIPE LOWER <SPECIFY BURY>	1	DUCTILE IRON	ASTM A536
34	TOP PLATE PIN - SHEAR PROOF	1	STEEL	RUST PROOFED
35	VALVE TOP PLATE <SPECIFY V.O.>	1	MANG. BRONZE	ASTM B584 C865
37	ELBOW LOCKING KEY	4	STAINLESS STEEL	TYPE 304
38	"O"-RING GASKET	1	RUBBER	BUNA N 70 DURO
39	DRAIN VALVE FACING	2	RUBBER	URETHANE
42	SEAT RING <SPECIFY V.O.>	1	BRONZE	ASTM B584 C8345
43	SEAT RING O-RING	2	RUBBER	BUNA N 70 DURO
44	MAIN VALVE	1	RUBBER	BUNA S 90 DURO
45	VALVE BOTTOM PLATE	1	DUCTILE IRON	ASTM A536
46	ELBOW,INCLUDING	1	DUCTILE IRON	ASTM A536
	SUB-SEAT	1	BRONZE	ASTM B584 C8345
	DRAIN HOLE LINER	2	COPPER	ASTM B75
47	ANTI FRICTION BEARING	1	DELTRIN 500	DUPONT
48	NOZZLE LOCK	3	STAINLESS STEEL	A-276 305 OR 410
49	DAMPENER	1	RUBBER	BUNA N 70 DURO

ITEM NO.	EXTENSION KIT PARTS	QTY REQ'D	MATERIAL	SPECIFICATION
49	DAMPER	1	RUBBER	DUNA N 70 DURO
51	EXTENSION ROD CPLG. ASS'Y <NON-FRANG.>	1	DUCTILE IRON	ASTM A536
52	ROD EXTENSION <SPECIFY LENGTH>	1	STAINLESS STEEL	TYPE 410
53	EXTENSION COUPLING GASKET	1	RUBBER	BUNA N
54	STP. COUPLING HALF <NON-FRANG.>	2	DUCTILE IRON	ASTM A536
55	STP. EXTENSION <SPECIFY LENGTH>	1	DUCTILE IRON	ASTM A536
56	EXTENSION COUPLING BOLT & NUT	2	STN. STEEL	TYPE 304

SAFETY REPAIR KIT (4000001719)
INCLUDES PART NO'S. 26,27,28,29,30&31

OPTIONS	STANDARD	REQUIRED
VALVE OPENING	4 1/2" OR 5 1/4"	
OPEN DIRECTION	OPEN LEFT<CCW>	
NUT SIZE	AWWA PENT. 1 1/2"P TO F	
HOSE NOZZLE	2-2 1/2"I.D., N.S.T.	
PUMPER NOZZLE	1-4 1/2"I.D., N.S.T.	
NOZZLE CHAINS	OPTIONAL	
BURY	IN 6" INCREMENTS	
INLET JOINT	MJ	

CONFIGURATION SHOWN: 2 HOSE-1 PUMPER
OUTLETS AVAILABLE: 1 PUMPER, 2 PUMPER @ 90°,
2 HOSE, & 1 HOSE-1 PUMPER
NOZZLE ID'S AVAILABLE: 2 1/2", 3", 3 1/2", 3 3/4",
4", 4 1/4", 4 1/2" & 5"
ELBOW INLETS AVAILABLE: 6" MJ LUG, 6" TYTON LUG,
4" & 6" CLASS 125 FLG. & 4" MJ LUG
UL/FM LISTED

OPTION 611
TYPE 410 STAINLESS STEEL UPPER & LOWER STEM

DRAWN KMF	DATE 8/3/10	UNITED STATES PIPE AND FOUNDRY CO. CHATTANOOGA VALVE & FITTINGS VALVE & HYDRANT DEPARTMENT CHATTANOOGA, TENNESSEE 37408
CHECKED	DATE	
APPROVED	DATE	
REVISION DATE		
		"METROPOLITAN"™ 250 HYDRANT 4 1/2" & 5 1/4" V.O. PER AWWA C502 250WP-500TEST MET 250-M94
M94 STANDARD SUBMITTAL W/ OPT. 611		DWG. NO. FH-294

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