

REV.	DESCRIPTION	REF.	DRFT'N	CHK'N	APP.	DATE
M	ADD ALTERNATE STANDARDS TO ITEMS# 1, 4, 14, 18, 36, 38, 39. CHANGE "NITRILE" TO "NATURAL" ON ITEM# 45	E04618-5	ANC	JBC	JBC	10-14-20
L	REVISE MATERIAL ON ITEMS# 6, 17, 21, 24, 32, 40, 42, 44; REMOVE O-RING GROOVE FROM LOWER BARREL BACK TO UPPER BARREL	E04443	ANC	JBC	JBC	3-25-19
K	REVISED FOR 2019 STYLE, REVISE & ADD ALTERNATE MATERIAL	E04227	JMH	CJD	CJD	4-19-18
J	ADD ALTERNATE ASTM COLUMN, REVISE ITEMS# 9, 26, 46, 48, 52, 56		ANC	CJD	CJD	9-6-16
H	REVISE MATERIAL ON ITEMS# 1, 4, 38		JBC	CJD	CJD	8/7/14
G	REVISE MATERIAL ON ITEMS# 14, 18, 36, 39		ANC			10-31-13
F	CREATE DRAWING FROM PRO-E		JBC			5-21-13

PARTS LIST						
ITEM	DESCRIPTION	REQ'D	MATERIAL	A.S.T.M.	CURRENT MATERIAL DESCRIPTION	ALTERNATE STANDARD
1	OPERATING NUT	1	BRONZE	B-62	ALLOY C83600	B584 C87850 OR C87600
2	WIPER RING	1	RUBBER	D-2000	EPDM	
3	HOLD DOWN NUT O-RING	1	RUBBER	D-2000	BUNA N	
4	HOLD DOWN NUT	1	BRONZE	B-62	ALLOY C83600	B584 C87850 OR C87600
5	BONNET O-RING	1	RUBBER	D-2000	BUNA N	
6	ANTI-FRICTION WASHER	1	CELCON	B-16	ALLOY 360	
7	OIL FILLER PLUG	1	BRASS	A-126	ALLOY 360	
8	BONNET	1	CAST IRON	A-126	CLASS B	
9	BONNET HEX CAP SCREW	8	STEEL	SAE J429	GR5 GALVANIZED	
10	TOP UPPER BARREL O-RING	1	RUBBER	D-2000	BUNA N	
11	UPPER STEM	1	CARBON STEEL	A-576	GR 1144T	
12	STEM O-RING	1	RUBBER	D-2000	BUNA N	
13	NOZZLE LOCK	3	STAINLESS STEEL	A-276	305 OR 410	
14	PUMPER NOZZLE	1	BRASS	B-584	ALLOY C89833	B584 C87850 OR C87600
15	PUMPER NOZZLE CAP GASKET	1	RUBBER	D-2000	NEOPRENE	
16	PUMPER NOZZLE O-RING	1	RUBBER	D-2000	BUNA N	
17	PUMPER NOZZLE CAP	1	CAST IRON	A-126	CLASS B	
18	HOSE NOZZLE	2	BRASS	B-584	ALLOY C89833	B584 C87850 OR C87600
19	HOSE NOZZLE CAP GASKET	2	RUBBER	D-2000	NEOPRENE	
20	HOSE NOZZLE O-RING	2	RUBBER	D-2000	BUNA N	
21	HOSE NOZZLE CAP	2	CAST IRON	A-126	CLASS B	
22	CAP CHAIN	3	STEEL		ELECTRO GALV.	
23	CHAIN HOOK	1	STEEL		ELECTRO GALV.	
24	UPPER BARREL	1	CAST IRON	A-126	CLASS B	
25	TRAFFIC STEM COUPLING	1	STAINLESS STEEL	A-890	1.5% SILICON MAX.	
26	TRAFFIC FLANGE HEX CAP SCREW	8	STEEL	SAE J429	GR5 GALVANIZED	
27	TRAFFIC FLANGE O-RING	1	RUBBER	D-2000	BUNA N	
28	TRAFFIC FLANGE	2	CAST IRON	A-126	CLASS B	
29	REUSABLE COTTOR PIN	2	STAINLESS STEEL		18-8	
30	CLEVIS PIN	2	STAINLESS STEEL	A-276	300 SERIES	
31	LOWER STEM	1	CARBON STEEL	A-576	GRADE 1144T	

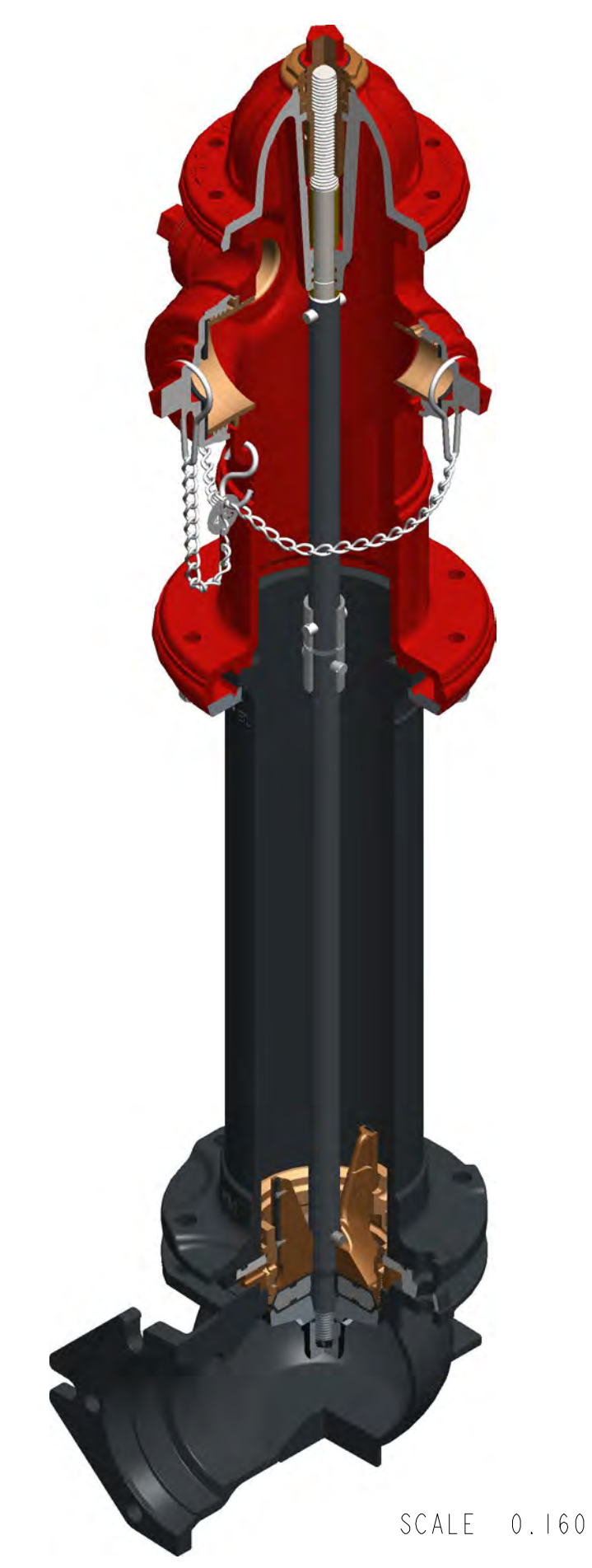
SEE CAT. RECORD FOR RESPECTIVE PARTS OR SUB. ASS'YS

NOTE: SIZE AND STYLE OF OPERATING NUT, SHOE SIZE, AND THREADING OF NOZZLES IS PER CUSTOMER SPECS.

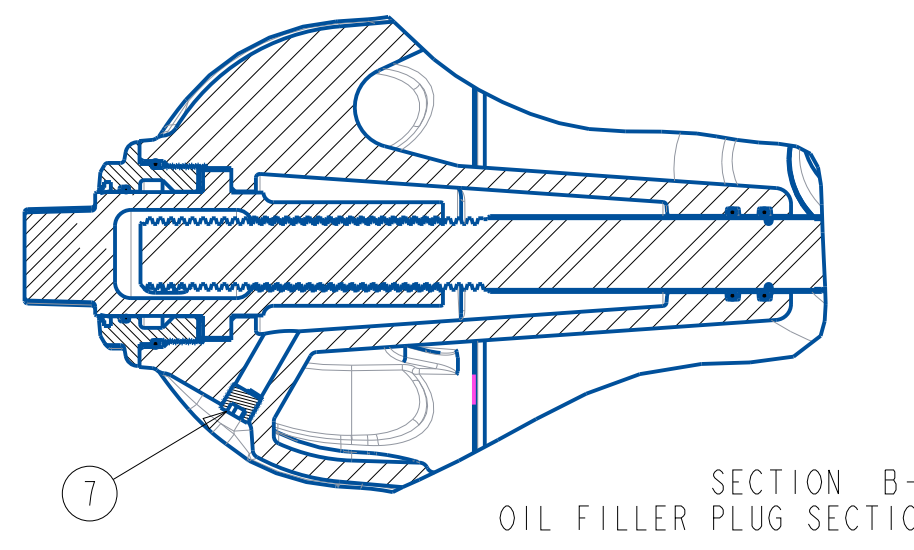
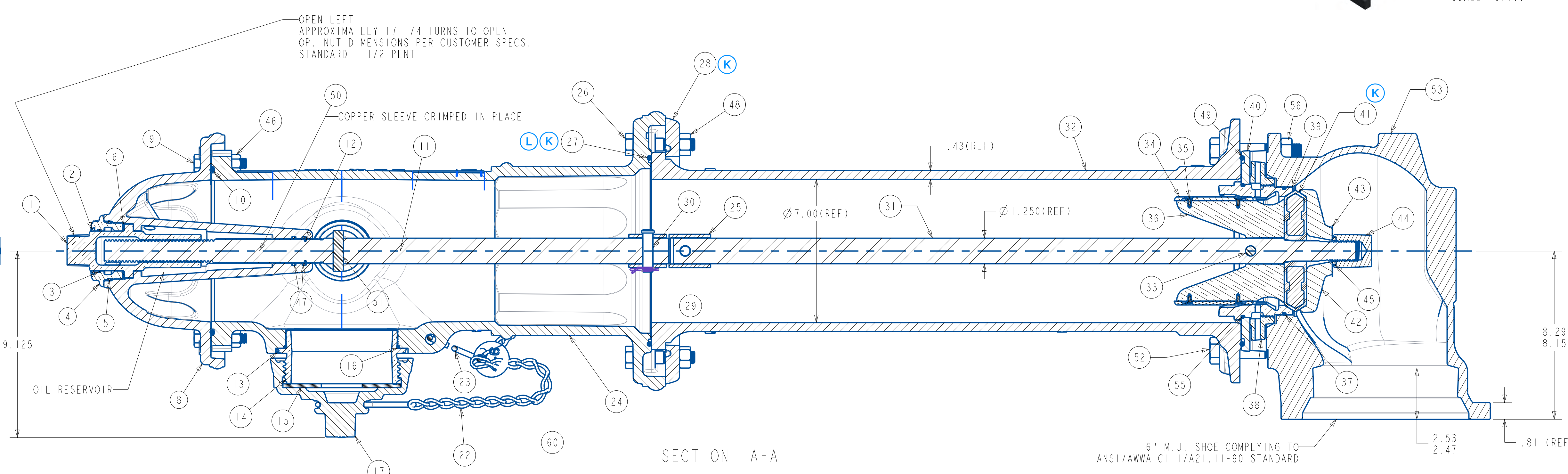
ITEM	DESCRIPTION	REQ'D	MATERIAL	A.S.T.M.	CURRENT MATERIAL DESCRIPTION	ALTERNATE STANDARD
32	LOWER BARREL	1	CAST IRON	A-126	CLASS B	
33	STEM PIN	1	STAINLESS STEEL	A-276	300 SERIES	
34	DRAIN VALVE FACING	2	H.D. POLYETHYLENE		LS 5660-00	
35	DRAIN VALVE FACING SCREW	4	STAINLESS STEEL	A-276	300 SERIES	
36	UPPER VALVE PLATE	1	BRASS	B-584	ALLOY C89833	B584 C87850 OR C87600
37	BOTTOM SEAT O-RING	1	RUBBER	D-2000	BUNA N	
38	DRAIN RING	1	BRONZE	B-62	ALLOY C83600	B584 C87850 OR C87600
39	SEAT RING	1	BRASS	B-584	ALLOY C89833	B584 C87850 OR C87600
40	DRAIN RING HOUSING	1	CAST IRON	A-126	CLASS B	
41	ENCAPSULATED MAIN VALVE	1	RUBBER	D-2000	NATURAL	
42	LOWER VALVE PLATE	1	CAST IRON	A-126	CLASS B	
43	LOCK WASHER	1	STAINLESS STEEL	A-276	304	
44	VALVE NUT	1	CAST IRON	A-126	CLASS B	
45	VALVE NUT SEAL	1	RUBBER		NATURAL	
46	BONNET HEX NUT	8	STEEL	SAE J995	GR8 GALVANIZED	
47	STEM O-RING	2	RUBBER	D-2000	BUNA N	
48	TRAFFIC FLANGE HEX NUT	8	STEEL	SAE J995	GR5 GALVANIZED	
49	DRAIN RING HOUSING O-RING	1	RUBBER	D-2000	BUNA N	
50	SLEEVE	1	COPPER	B-75	ALLOY 122	
51	UPPER STEM PIN	1	STAINLESS STEEL	A-276	303	
52	SHOE HEX CAP SCREW	6	STEEL	SAE J429	GR5 GALVANIZED	
53	SHOE	1	DUCTILE IRON	A-536	GR 65-45-12	GR 70-50-05
54	PIPE GLAND	1	CAST IRON	A-126	CLASS B	
55	TOP SEAT O-RING	1	RUBBER	D-2000	BUNA N	
56	SHOE HEX NUT	6	STEEL	SAE J995	GR5 GALVANIZED	
57	MECH. JOINT GASKET	1	RUBBER	D-2000	NATURAL	
58	T-HEAD BOLT 3/4x3.50	6	STEEL	A-242	TYPE I	A-588
59	HEX NUT 3/4"	6	STEEL	A-242	TYPE I	A-588
60	BURY TAG	1	STAINLESS STEEL	A-240	304	

* NOT SHOWN

(L) NOTE 1: ALL DIMENSIONS SHOWN ARE REFERENCE.



SCALE 0.160



NOZZLE INFORMATION
 1-PUMPER NOZZLE
 (4-1/2" NST)
 2-HOSE NOZZLES
 (2-1/2" NST)

DRFT'N	JBC	5-21-13
CHK'N	CJD	5-21-13
APP.	CJD	5-21-13
E.O. NUMBER	E04227	

TOLERANCES - MACHINING UNLESS OTHERWISE NOTED	THIRD ANGLE PROJECTION
BREAK EDGES	PURCH.
FINISH SURFACES	FINISH
FRACTIONS 2 PL ± 0.025	REF. NO.
DECIMALS 3 PL ± 0.010	SCALE
ANGLES ±	01333
	STK. NO.

MUELLER

DESCR: 4 1/2" A421HP & 5 1/4" A423HP SUPER CENTURION W/ TWO HOSE NOZZLES & ONE PUMPER NOZZLE 2019 STYLE

REV. M

DATE 5-21-13

NO. 84

SHEET 1 OF 1

DWG. No. FH-84 4 1/2" A421HP & 5 1/4" A423HP SUPER CENTURION W/TWO HOSE NOZZLES & ONE PUMPER NOZZLE - 350 P.S.I. W.P. - 700 P.S.I. TEST, 2019 STYLE