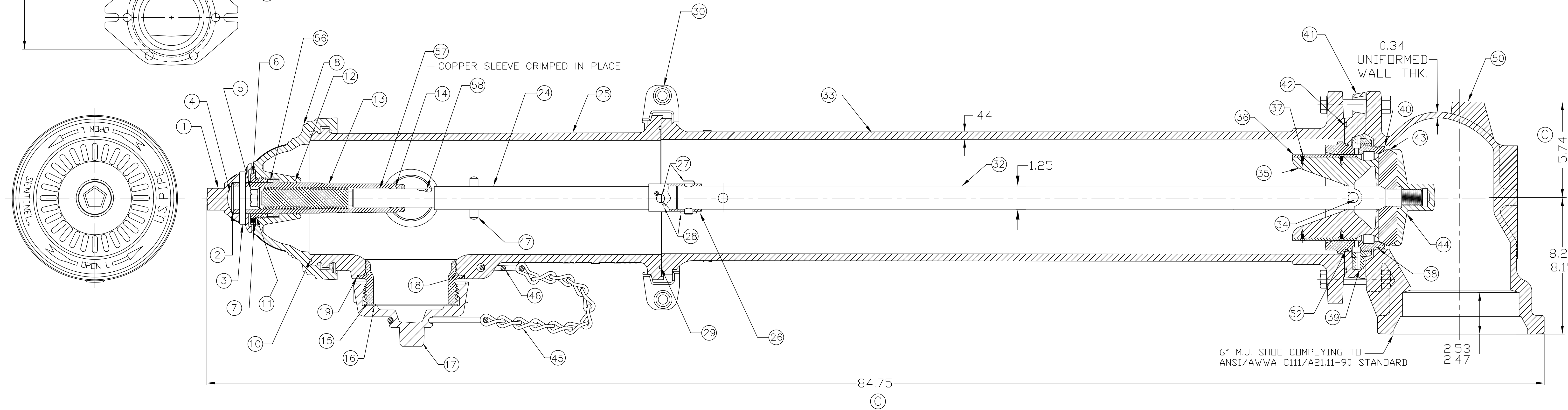
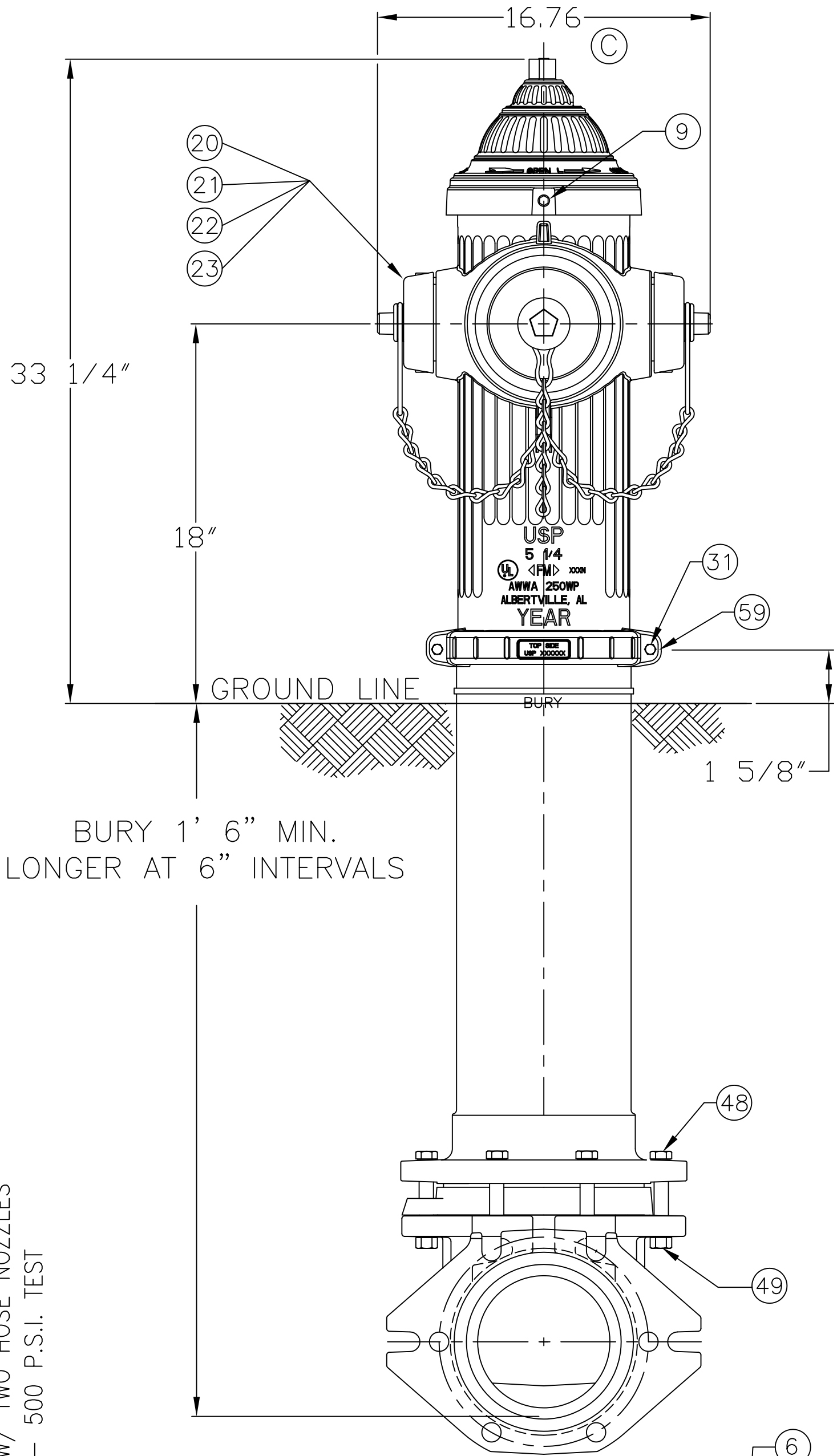


A451-4 1 1/2" & A453-5 1 1/4" SENTINEL "250" W/ TWO HOSE NOZZLES
& ONE PUMPER NOZZLE - 250 P.S.I. W.P.- 500 P.S.I. TEST

DWG. FH 173



PARTS LIST					
ITEM	DESCRIPTION	REQ'D	MATERIAL	A.S.T.M.	
1	OPERATING NUT	1	DUCTILE IRON	A-536	
2	OPERATING NUT SEAL	1	RUBBER		BUNA N 70 DURO
3	OPERATING NUT LOCKING PIN	1	STEEL		
4	LUBRICANT (IN CHAMBER)	1	DIANA 2100		FORSYTHE
5	TRAVEL NUT STOP	1	STEEL	A-307	GRADE B
6	HOLD DOWN NUT	1	BRONZE	A-584	C8345
7	HOLD DOWN NUT SCREW	1	STEEL	A-574	
8	BONNET	1	DUCTILE IRON	A-536	
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	1	BISMUTH BRASS	A-584	C89833
14	INNER REVOLVING NUT "O" RINGS	2	RUBBER		BUNA N 70 DURO
15	PUMPER NOZZLE	1	BISMUTH BRASS	B-584	C89833
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 70 DURO
19	NOZZLE LOCK	3	STAINLESS STEEL	A-276	305 OR 410
20	HOSE NOZZLE	2	BISMUTH BRASS	B-584	C89833
21	HOSE NOZZLE CAP GASKET	2	RUBBER	D-2000	NEOPRENE

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

ITEM	DESCRIPTION	REQ'D	MATERIAL	A.S.T.M.	
22	HOSE NOZZLE "O" RING	2	RUBBER	D-2000	BUNA N 70 DURO
23	HOSE NOZZLE CAP	2	CAST IRON	A-126	CLASS B
24	ROD UPPER	1	HOT ROLLED STEEL		
25	STANDPIPE UPPER	1	DUCTILE IRON	A-536	
26	ROD COUPLING (FRANGIBLE)	1	STAINLESS STEEL	A-890	1.5% SILICON MAX.
27	COTTER PIN	2	STAINLESS STEEL	A-276	302
28	CLEVIS PIN	2	STAINLESS STEEL	A-276	305
29	STANDPIPE COUPLING SEAL	1	RUBBER		BUNA N 70 DURO
30	SP.COUPLING HALVES	2	CAST IRON	A-126	CLASS B
31	STANDPIPE COUPLING BOLTS	2	STAINLESS STEEL	A-194	316
32	VALVE ROD LOWER	1	HOT ROLLED STEEL		
33	STANDPIPE LOWER	1	CAST IRON	A-126	CLASS B
34	TOP PLATE PIN-SHEAR PROOF	1	STAINLESS STEEL	A-276	302
35	UPPER VALVE PLATE	1	BISMUTH BRASS	B-584	C89833
36	DRAIN VALVE FACING	2	H.D. POLYETHYLENE		LS 5660-00
37	DRAIN VALVE FACING SCREW	4	STAINLESS STEEL	A-276	302
38	BOTTOM SEAT "O" RING	1	RUBBER	D-2000	BUNA N 70 DURO
39	DRAIN RING	1	BRONZE	B-584	ALLOY 844
40	SEAT RING	1	BISMUTH BRASS	B-584	C89833
41	DRAIN RING HOUSING	1	CAST IRON	A-126	CLASS B
42	DRAIN RING HOUSING O-RING	1	RUBBER	D-2000	BUNA N 70 DURO
43	MAIN VALVE	1	RUBBER	D-2000	NATURAL

ITEM	DESCRIPTION	REQ'D	MATERIAL	A.S.T.M.	
44	LOWER VALVE PLATE	1	CAST IRON	A-126	CLASS B
45	CAP CHAINS	3	STEEL		ELECTRO GALV.
46	CHAIN HOOK	1	STEEL		ELECTRO GALV.
47	UPPER STEM PIN	1	STAINLESS STEEL	A-276	302
48	HEX BOLT	6	STEEL	J429	GRADE 2
49	HEX NUT	6	STEEL	A563	GRADE B
50	SHOE	1	DUCTILE IRON	A-536	65-45-12
* 51	PIPE GLAND	1	CAST IRON	A-126	CLASS B
52	TOP SEAT O-RING	1	RUBBER	D-2000	BUNA N 70 DURO
* 53	MECH. JOINT GASKET	1	RUBBER	D-2000	R-42
* 54	T-HEAD BOLT	6	STEEL	A-242	TYPE 1
* 55	HEX NUT	6	STEEL	A-242	TYPE 1
56	ANTI-FRICTION BEARING	1	DELIN 500		DUPONT
57	SLEEVE	1	COPPER	B-75	ALLOY 122
58	STEM O-RING	1	RUBBER	D-2000	BUNA N
59	STANDPIPE COUPLING NUTS	2	STAINLESS STEEL	A-193	316

* NOT SHOWN

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

© NOTE:

- HYDRANTS ARE SHIPPED 9 TO A BUNDLE WITH TIMBERS
ON THE BOTTOM AND BETWEEN THE FIRST AND SECOND ROWS.
- TOTAL WEIGHT IS APPROXIMATELY 4,000 LBS.
- FREIGHT IS ALLOWED ON SHIPMENTS WITH IN THE CONTINENTAL USA.

DWG.

E	REVISE TITLEBLOCK		ANC		6-27-16
D	REVISE MATERIAL ON ITEMS# 13,15,20,35,40		ANC		11-7-13
C	ADD SHIPPING DIM. & INFO		ANC		3-13-09
B	REVISED ITEM # 59		ANC		11-4-08
A	REVISED ITEM # 4 & 31		ANC		7-28-08
REV.	DESCRIPTION	REF.	DRFT'R	CHK'R	APP DATE

A/C (MILLIMETER)		TOLERANCES - MACHINING		THIRD ANGLE PROJECTION	
INCH		UNLESS OTHERWISE NOTED			
INITIAL RELEASE		BREAK EDGES		FINISH SURFACES	
DRFT'R		MACH. .006/.016		125	
CHK'R		FRACTIONS		DECIMALS	
APP		±1/64		2 PL ±.025	
E.O. NUMBER		ANGLES		3 PL ±.005	
		SEE TABLE			
MATERIAL		VALVE & HYDRANT		REVISION	
DESCR.		4 1/2" & 5 1/4" SENTINEL "250" W/ TWO HOSE NOZZLES		E	
		ONE PUMPER NOZZLE		NUMBER	
				FH 173	
				SHEET 1 OF 1	