

NEW



MainGuard #66 Sampling Station

- Designed for freezing climates
- All surgical stainless steel water way and parts
- All Aluminum lockable secure enclosure
- Covering lid and side shields for protection when taking samples
- Blow-Off 7/16" compression-type valve
- Hydraulic cylinder style 1/4" petcock and evacuation tube to prevent valve/pipe freezing
- Vinyl outlet caps to keep out contaminants
- No drain valve to prevent cross-contamination
- All maintenance parts readily available
- Easy to install (see spec sheet on back)
- Options:
 - Evacuation Hand Pump
 - Bolted ground line flange
 - Powder-Coated paint



Protective Outlet Caps



Evacuation Drain /
Threadless Nozzle



Quality Samples



Evacuation Pump
(sold separately)



Powder-Coated Option



Bolted Flange Option



2511 North 9th Street
St. Louis, MO 63102

800-231-3990

www.hydrants.com

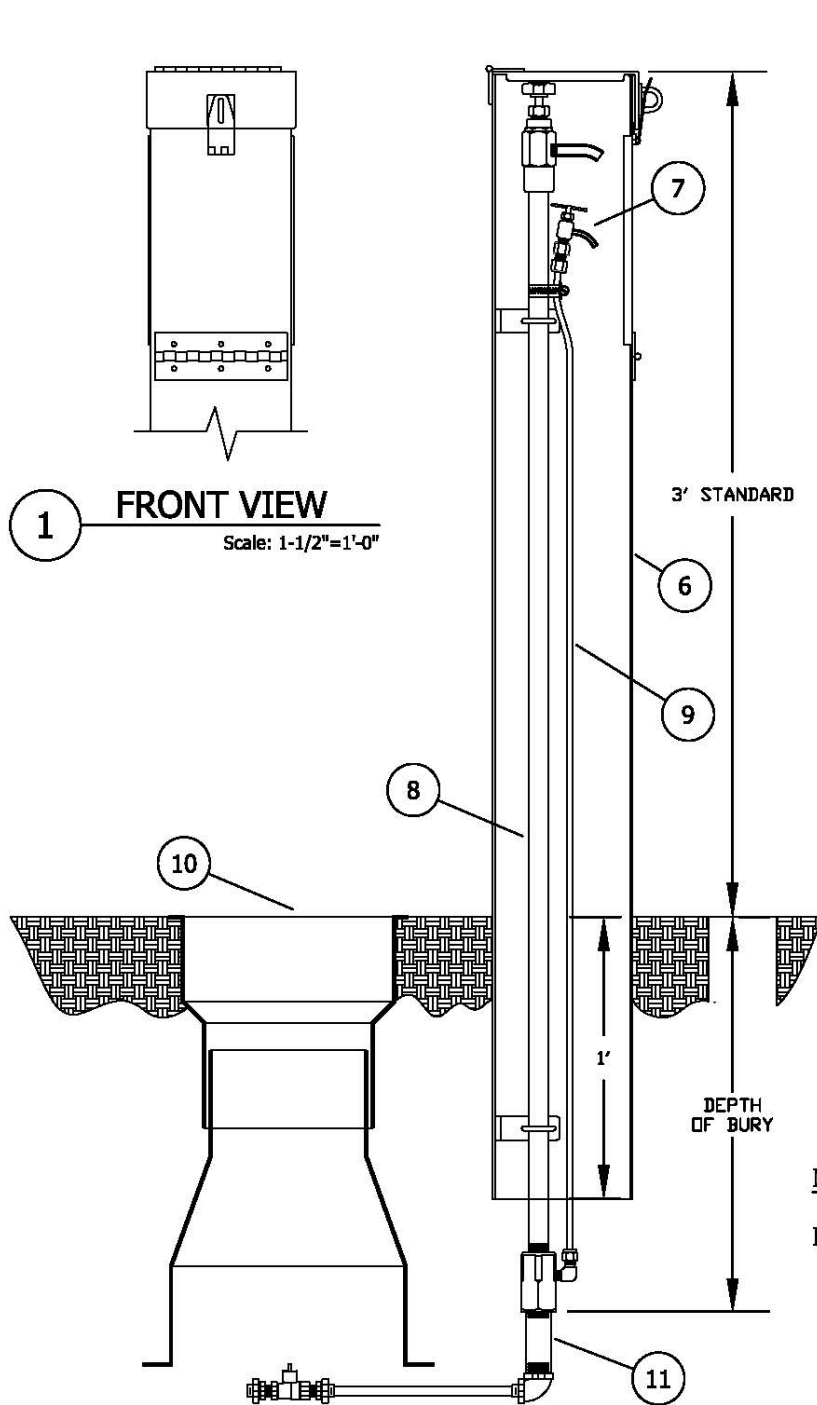
info@hydrants.com

MAINGUARD™



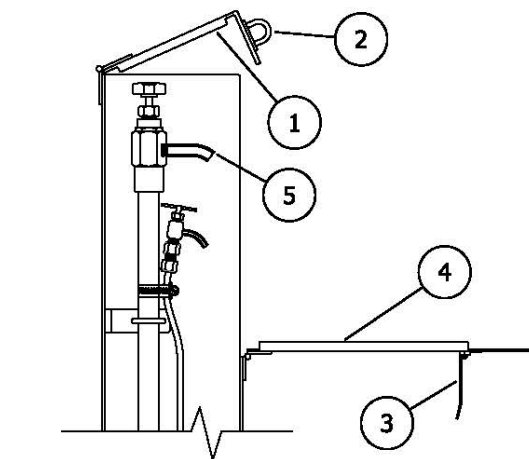
Distributed by:

#66 SAMPLING STATION SPEC SHEET



FRONT VIEW

Scale: 1-1/2"=1'-0"



SAMPLING STATION SHALL BE ____' BURY, WITH A 3/4" FIP INLET, AND 7/16" UNTHREADED BLOW OFF AND SAMPLING BIBB.

STATION SHALL BE ENCLOSED IN A LOCKABLE, NON-REMOVABLE 6" SQUARE ALUMINUM BOX WITH HINGED OPENINGS.

WHEN OPEN, THE STATION SHALL REQUIRE NO KEY FOR OPERATION, AND ALL WATER FLOW SHALL PASS THRU AN ALL STAINLESS STEEL WATERWAY.

ALL WORKING PARTS SHALL BE OF STAINLESS STEEL AND SERVICABLE FROM ABOVE GROUND WITH NO DIGGING OR REPLACEMENT NEEDED.

A STAINLESS STEEL PET COCK WILL BE LOCATED BELOW THE SAMPLING BIBB TO ALLOW PUMPING OF ANY WATER REMAINING INSIDE THE STATION TO INSURE NON-FREEZING.

THE STATION SHALL BE MODEL #66 AS MANUFACTURED BY THE KUPFERLE FOUNDRY, ST. LOUIS MO. 63102 OR APPROVED EQUAL.

NOTES:

IN SOME CONDITIONS CORROSION OF STAINLESS STEEL CAN OCCUR (EXPOSURE TO SALT WATER, DIRECT EXPOSURE TO STRONG CHLORIDES, ETC.). PROPER MAINTENANCE OF THE EXPOSED STAINLESS STEEL PARTS USING PROPER STAINLESS STEEL CLEANING AGENTS WILL INCREASE THE LIFESPAN OF THE HYDRANT. IF DESIRED, KUPFERLE CAN ALSO OFFER AN ADDITIONAL PASSIVATION PROCESS FOR ADDITIONAL CORROSION PROTECTION.

#66 SAMPLING STATION TO BE INSTALLED AT THE FOLLOWING LOCATIONS:

ITEM	ITEM / DESCRIPTION	NOTES
1	TOP ACCESS DOOR	
2	PADLOCK EYE	
3	PADLOCK HASP	
4	FRONT ACCESS DOOR	
5	BLOW OFF & SAMPLING BIBB	
6	6" ALUMINUM SQUARE BOX	
7	PET COCK	
8	1/2" S.S. WATERWAY	
9	1/4" S.S. TUBING	
10	VALVE BOX	BY OTHERS
11	3/4" S.S. NIPPLE	BY OTHERS

DD/MM/YY	ISSUED FOR REFERENCE	
DATE	STATUS / REVISION	#66 SAMPLING STATION

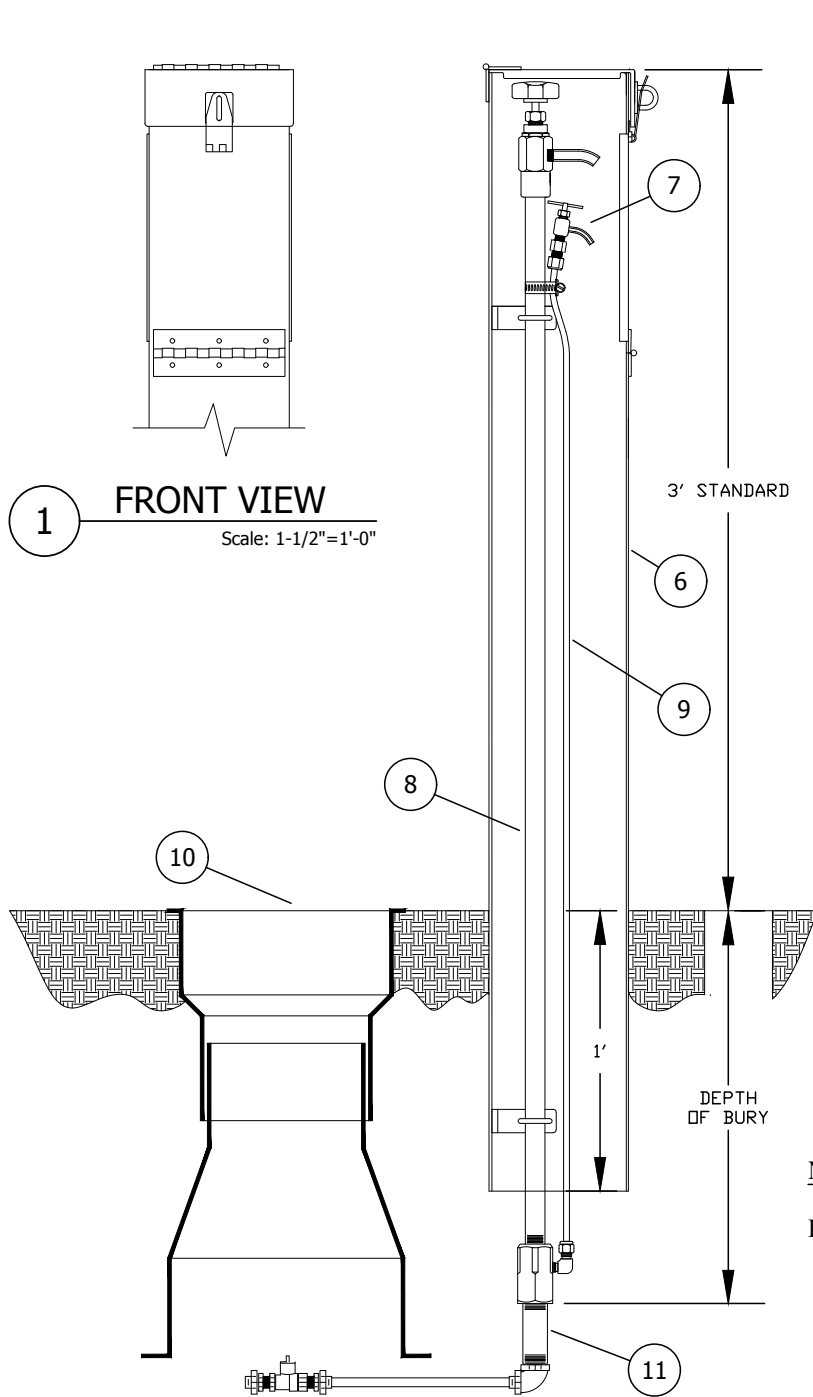
DRAWN DCL
APPROVED DCL
DATE 8/29/13
SCALE 1-1/2"=1'

Since 1857

KUPFERLE FOUNDRY COMPANY

2511 NORTH 9TH STREET, ST. LOUIS, MO 63102
314-231-8738 800-231-3990 FAX 314-231-2820
<http://www.hydrants.com>

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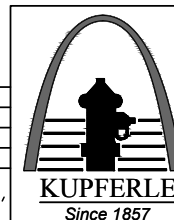
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DD/MM/YY	ISSUED FOR REFERENCE
DATE	STATUS / REVISION

#66 SAMPLING STATION

	INITIALS	DATE
DRAWN	DCL	8/29/13
APPROVED	DCL	8/29/13
MODIFIED		

SCALE
1-1/2"=1'



2511 NORTH 9TH STREET
ST. LOUIS, MO 63102
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SHEET 1 OF 1

#66 CUT SHEET

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	NOTES
1	65.500 in	1/2SSP	1/2" S.S. PIPE	B,C
2	5.500 in	1ALB1	SHELF ALUMINUM SPACER (THIN)	
3	5.500 in	1ALB2	SHELF ALUMINUM SPACER (THICK)	
4	66.500 in	3/8SSR	3/8" S.S. OPERATING ROD	B,C
5	4	345-N	S.S. NUT FOR U-BOLT	
6	2.000 in	4 ALUM ANGLE	MOUNTING BRACKET	
7	1	66S01	PETCOCK BODY	P
8	1	66S02	PETCOCK NUT	P
9	1	66S03	PETCOCK PLUNGER	P
10	1	66S04	HANDLE PIN	P
11	1	66S05	PETCOCK NOZZLE	P
12	1	66S06	NOZZLE (3/8")	
13	1	66S07	O-RING (PACKING NUT)	
14	1	66S08	O-RING (PETCOCK PACKING NUT)	P
15	1	66S09	O-RING (STEM)	
16	1	66S10	O-RING (PETCOCK STEM)	P
17	1	66S13	STEM (WARM CLIMATE)	
18	1	66S14	HANDLE/KNOB PIN	C
19	1	66S15	PACKING NUT	
20	1	66S16	HEADSTOCK TOP NUT	
21	4	66S17	FOAM STRIP	
22	9	66S18	SHORT AL RIVET	
23	4	66S19	MOUNTING BRACKET RIVET	
24	2	66S20	S.S. U-BOLT FOR 1/2" PIPE	
25	2	66S21	HINGE 6in PREDRILLED	
26	1	66S22	PETCOCK CAP	C/P
27	1	66S23	ENCLOSURE LID	R
28	1	66S24	ENCLOSURE DOOR	R
29	1	66S25	VALVE (COLD CLIMATE)	C
30	1	66S26	PLUNGER (COLD CLIMATE)	
31	1	66S27-TF	SEAT WASHER	C
32	1	66S28-20	PLUNGER SCREW	C
33	2	66S30	SPRING PIN	
34	1	66S31	HEADSTOCK (COLD CLIMATE)	
35	1	66S33	S.S. ADAPTER (1/4" COMP. x 1/8" FIP)	C
36	1	66S34	S.S. HOSE CLAMP	
37	1	66S37	PADLOCK HASP	
38	1	66S38	PADLOCK EYE	
39	1	66S42	HANDLE	C
41	3	66S63	ENCLOSURE SHELF RIVET	
42	7	66S90	HASP AND STRIKE PLATE RIVET	
43	48.000 in	6ALSQ	6" ALUMINUM ENCLOSURE	R
44	61.012 in	88-7-SS	1/4" S.S. TUBING	B,C
45	1	88-8-SS	1/4" COMP. x 1/8" MIP S.S. 90° ELBOW	C
46	1	94-K	PLASTIC NOZZLE CAP	
47	2	9458	S.S. LOCKWASHER FOR U-BOLT	

OPTIONAL PARTS LIST

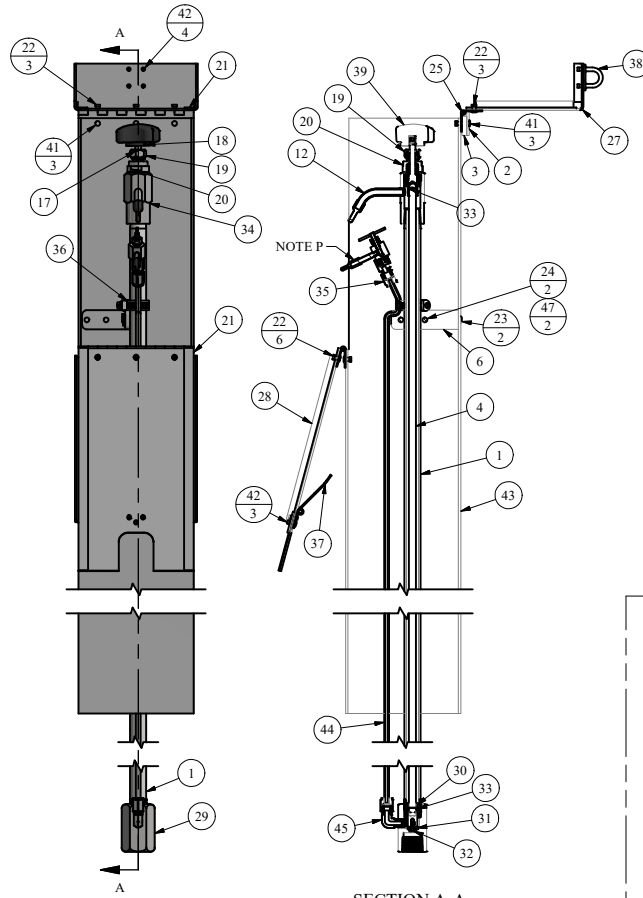
48	0	1 1/2AA	FLANGE FEET (3 RIVETS PER FOOT)	A,R
31	1	66S27-TF	SEAT WASHER	C
32	1	66S28-20	PLUNGER SCREW	C

REPAIR KITS

PART NUMBER	DESCRIPTION	PARTS INCLUDED
X66-CC SCREW	COLD CLIMATE TOP SCREW ASSEMBLY	66S42 KNOB (1), 66S14 ROD PIN (1), 66S32 STEM (1), 66S15 PACKING NUT (1), 66S07 NUT O-RING (1), 66S16 TOP NUT (1), 66S09 STEM O-RING (1), 66S30 SPRING PIN (1)
X66-CHHEADSTOCK	HEADSTOCK ASSEMBLY COMPLETE	66S31 HEADSTOCK (1), 66S06 NOZZLE (1), 94-K CAP (1)
X66-DOOR	#66 ENCLOSURE DOOR COMPLETE	66S24 DOOR (1), 66S37 HASP (1), 66S90 HASP RIVET (3), 66S21 HINGE (.5), 66S18 HINGE RIVET (6)
X66-HOUSING	#66 ENCLOSURE COMPLETE (NOTE R)	66S23 LID (1), 66S37 HASP (1), 66S24 DOOR (1), 66S38 PADLOCK EYE (1), 66S21 HINGE (0.94 FEET), 66S18 SHORT RIVET (9), 4 ALUM ANGLE (0.2 FEET), 66S19 LONG RIVET (4), 66S17 TRIM (3 FEET), 6ALSQ ENCLOSURE (4 FEET), 1ALB1 SPACER (THIN) (0.42 FEET), 1ALB2 SPACER (THICK) (0.42 FEET), 66S63 SHELF RIVET (3), 66S90 HASP RIVET (7)
X66-LID	#66 ENCLOSURE LID COMPLETE	66S23 LID (1), 66S38 PADLOCK EYE (1), 66S21 HINGE (.5), 66S18 HINGE RIVET (3), 66S63 SHELF RIVET (3), 66S90 HASP RIVET (4)
X66-PETCOCK	STAINLESS STEEL PETCOCK ASSEMBLY	66S01 BODY (1), 66S08 NUT O-RING (1), 66S02 NUT (1), 66S03 PLUNGER (1), 66S10 PLUNGER O-RING (1), 66S04 ROD PIN (1), 66S05 NOZZLE (1), 66S22 CAP (1)
X66-PLUNGER	#66 PLUNGER ASSEMBLY	66S26 PLUNGER (1), 66S27-TF SEAT RUBBER (1), 66S28-20 PLUNGER SCREW (1), 66S30 SPRING PIN (1)
X66RK	66 REPAIR KIT	66S27-TF SEAT RUBBER (1), 66S28-20 SCREW (1)

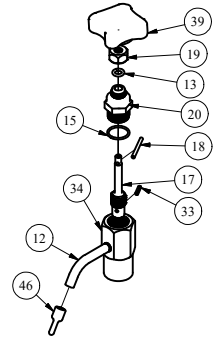
OPTIONAL REPAIR KITS

X66-HOUSING-BF	ENLOCUSRE w/ BOLTED FLANGE COMPLETE (NOTE R)	66S23 LID (1), 66S37 HASP (1), 66S24 DOOR (1), 66S38 PADLOCK EYE (1), 66S21 HINGE (0.94 FEET), 66S18 SHORT RIVET (9), 4 ALUM ANGLE (0.2 FEET), 66S19 LONG RIVET (4), 66S17 TRIM (3 FEET), 6ALSQ ENCLOSURE (4 FEET), 1 1/2AA BOLTED FEET (2 FEET), 1ALB1 SPACER (THIN) (0.42 FEET), 1ALB2 SPACER(THICK) (0.42 FEET), 66S63 SHELF RIVET (3), 66S90 HASP RIVET (7)
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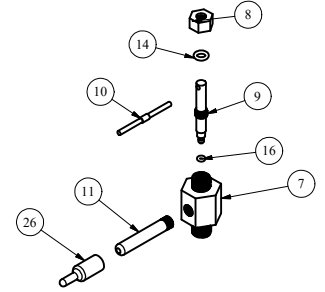


SECTION A-A
CENTER SECTION VIEW

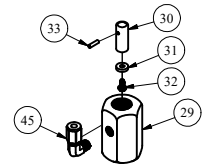
HEADSTOCK ASSEMBLY



PETCOCK ASSEMBLY



INLET ASSEMBLY



NOTE	DESCRIPTION
A	NOT SHOWN
B	PIPE LENGTH DEPENDENT ON DEPTH OF BURY
C	SOLD AS REPLACEMENT PART
P	SEE PETCOCK ASSEMBLY FOR PARTS INFORMATION
Q	REPLACEMENT NOZZLE REQUIRES BENDING IN THE FIELD AFTER INSTALLATION
R	POWDER COATING OPTIONS AVAILABLE

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DRAWN	SMS	10/6/2017
CHECKED	DCL	11/27/2017
MODIFIED	ADC	5/9/2023

SIZE	SCALE
C	1 / 5

DWG NAME/PART NUMBER
#66
FILE PATH
G:\ENGINEERING\Mechanical\66\66# Cut_Rev 2.dwg



SHEET
1 OF 1
REV
2.1