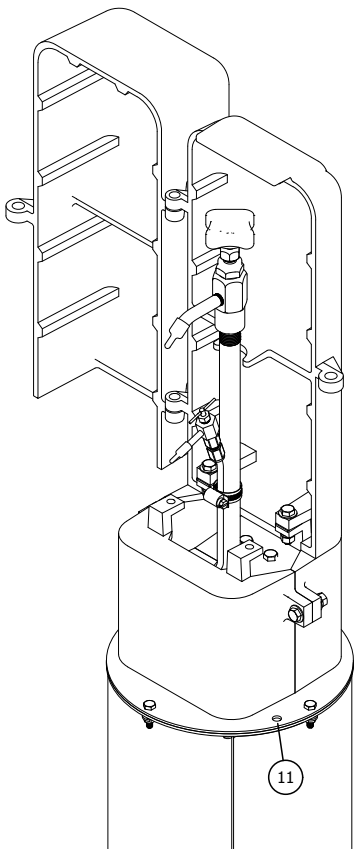
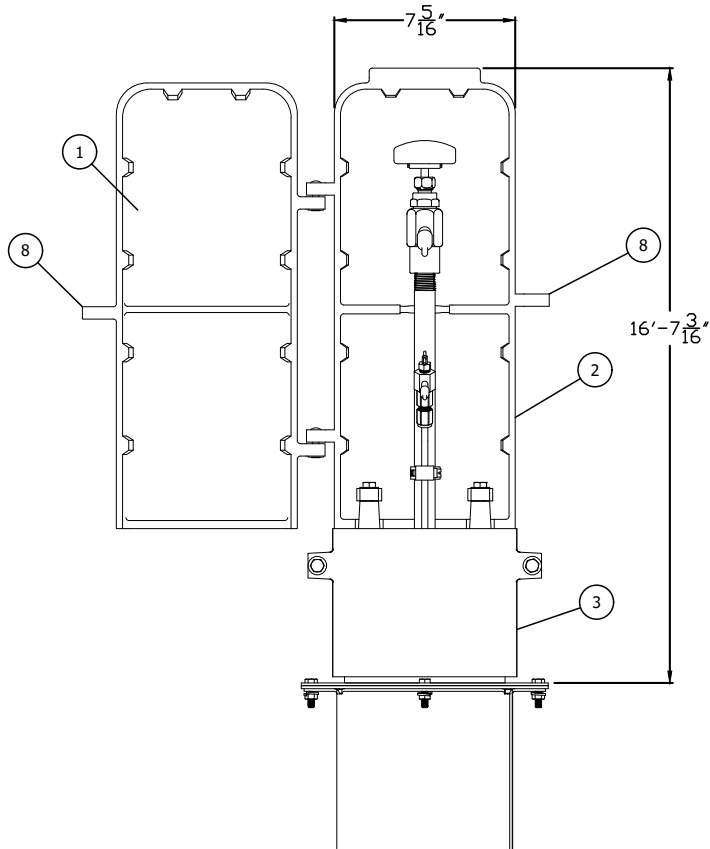


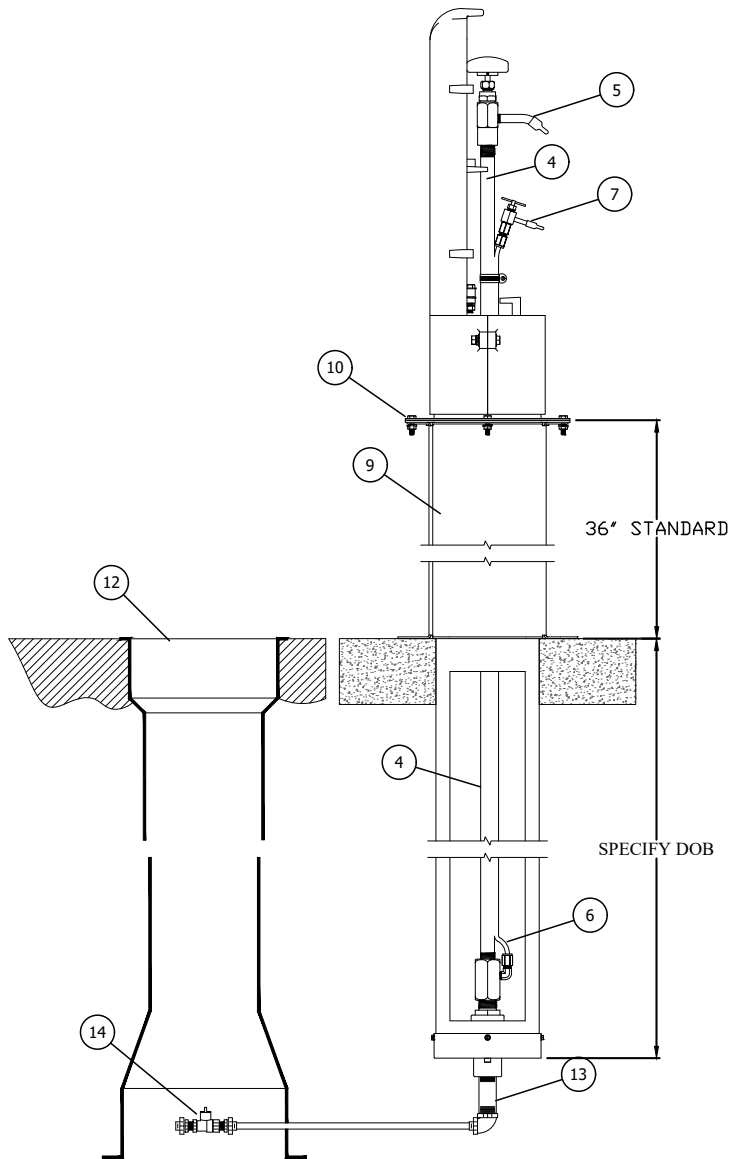
88-SS-R-PED REPAIRABLE SAMPLING STATION SPEC SHEET



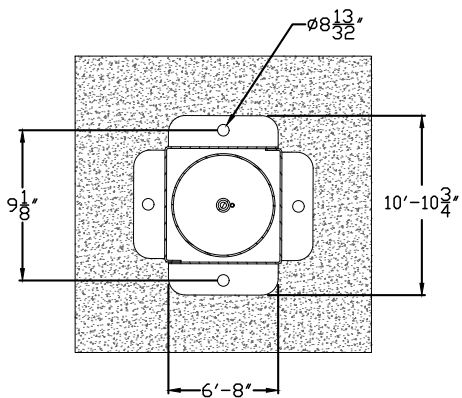
1 ISO VIEW
Scale: 1 1/2"=1'



2 FRONT VIEW
Scale: 1 1/2"=1'



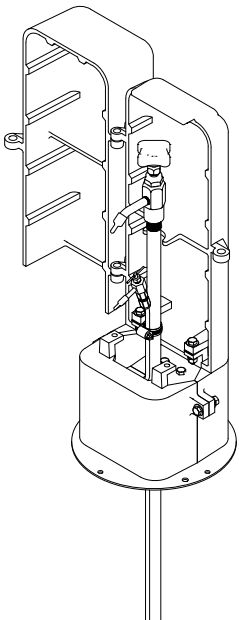
3 INSTALLATION CUT VIEW
Scale: 1"=1'



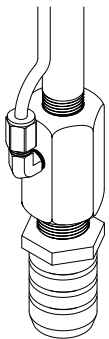
5 PEDESTAL FLANGE TOP VIEW
Scale: 1"=1'

ITEM	DESCRIPTION	NOTES
1	88 FRONT DOOR (COVER A)	
2	88 REAR DOOR (COVER B)	
3	88 BASE (COVER C)	2 PIECES
4	1/2" S.S. WATERWAY	
5	BLOW OFF NOZZLE	
6	1/4" S.S TUBING (EVACUATION LINE)	
7	SAMPLING BIBB	
8	LOCKING HOLE	
9	PEDESTAL	
10	BOLTS FOR STATION REMOVAL	4 BOLTS
11	SECURITY HOLE	
12	VALVE BOX	BY OTHERS
13	3/4" S.S. NIPPLE	BY OTHERS
14	CURB STOP BALL VALVE	BY OTHERS

GENERAL HYDRANT SPECIFICATIONS	
MAXIMUM OPERATING PRESSURE:	220 PSI
STATION MATERIALS:	303, 316, & 18-8 STAINLESS STEEL
ENCLOSURE MATERIAL:	CAST AL 319 ALUMINUM
ENCLOSURE COLOR:	GREEN (STANDARD)
SEAT/O-RING MATERIALS:	BUNA-N & SBR RUBBER
DEPTH OF BURY:	3' STANDARD, +6" INCREMENTS
WEIGHT:	TBD LBS
NSF/ANSI:	NSF 372
REGULATORY COMPLIANCE:	



4.1 REMOVAL (TOP SECTION) ISO
Scale: 1"=1'



4.2 REMOVAL (BOT. SECTION) ISO
Scale: 3"=1'

SAMPLING STATION shall be installed in the following location(s): _____

SAMPLING STATION SHALL BE ____' BURY, WITH A 3/4" FIP INLET AND 3/8" UNTHREADED BLOW OFF AND SAMPLING BIBB. STATION SHALL BE ENCLOSED IN A LOCKABLE POWDER COATED CAST ALUMINUM BOX WITH HINGED OPENING.

WHEN OPEN, THE STATION SHALL REQUIRE NO KEY FOR OPERATION, AND ALL WATER FLOW SHALL PASS THOUGH AN ALL STAINLESS STEEL WATERWAY. SEAT RUBBER AND ALL OPERATIONAL COMPONENTS SHALL BE SERVICABLE / REPLACEABLE FROM ABOVE GROUND WITH NO DIGGING OR EXCAVATION NEEDED.

A SECONDARY VALVE (STAINLESS STEEL PETCOCK) SHALL BE LOCATED ON THE EVACUATION LINE, INDEPENDENT OF THE SAMPLING BIBB AND WHEN OPEN SHALL ALLOW FOR EVACUATION OF ANY WATER REMAINING INSIDE THE STATION, VIA PUMP OR COMPRESSED AIR BLOW OFF, TO PREVENT FREEZING.

THE STATION UTILIZES A PISTON DESIGN TO ALLOW FOR THE ENTIRE STATION TO BE REMOVED IN CASE OF FREEZING IN EXTREME COLD CONDITIONS.

THE STATION SHALL BE MODEL #88-SS-R-PED AS MANUFACTURED BY KUPFERLE WATER SOLUTIONS, ST. LOUIS MO, OR APPROVED EQUAL.

NOTES	
A	IF THE COLOR SHALL BE ANY COLOR OTHER THAN GREEN, CHECK WITH THE MANUFACTURER FOR COLOR OPTIONS.
B	WHEN INSTALLED ON OR WITH CONCRETE, KUPFERLE RECOMMENDS THE USE OF A GASKET OR BARRIER BETWEEN THE ENCLOSURE AND THE CONCRETE SURFACE.
C	PROLONGED EXPOSURE TO STRONG CHLORIDES WHICH CAN BE PRESENT IN CONCRETE, CLEANING AGENTS, AND SOMETIMES EVEN POTABLE WATER CAN LEAD TO POSSIBLE ENCLOSURE CORROSION. REGULAR MAINTENANCE AND DRYING THE STATION AFTER USE ARE THE BEST METHODS FOR OPTIMAL STATION LONGEVITY.
D	IN CORROSIVE SOLIDS THE BURIED PIPE SHOULD BE PREPPED FOR ADDITIONAL RESISTANCE TO CORROSION. KUPFERLE RECOMMENDS SPRAYING ALL UNDERGROUND PIPING AND FITTINGS WITH BITUMINOUS SPRAY TAR, ALLOWING PROPER TIME TO DRY AND WRAPPING THE PARTS.

	INITIALS	DATE
DRAWN	KJW	7/6/20
APPROVED	DCL	7/23/20
MODIFIED	ADC	3/5/26
SHEET SIZE		SCALE
B (11x17)		VARIES



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