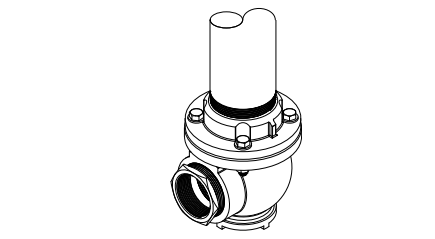
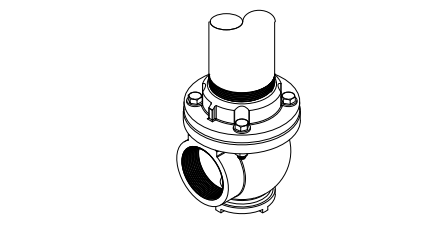


# #2 ECLIPSE POST HYDRANT SPEC SHEET

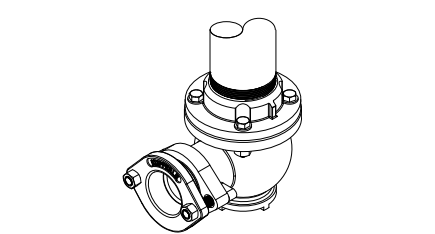
GENERAL HYDRANT SPECIFICATIONS	
MAXIMUM OPERATING PRESSURE:	150 PSI
INLET MATERIALS:	CAST IRON, BUNA-N, C89833 BRASS
TOP STOCK MATERIAL:	CAST IRON
ENCLOSURE COLOR:	RED TOP & BLACK INLET
CONTINUOUSLY WETTED MATERIALS:	CAST/GREY IRON, 303 S.S., 18-8 S.S., EPDM, SBR RUBBER, C89833 BRASS, AND NITRILE
DEPTH OF BURY:	3' STANDARD
WEIGHT:	~110 LBS STANDARD



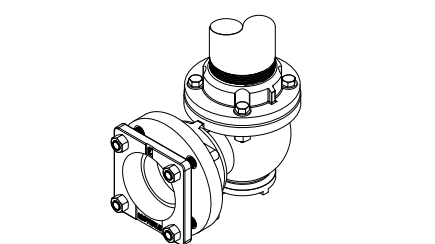
**A** 2-1/2" FIP INLET  
Scale: 1"=1'



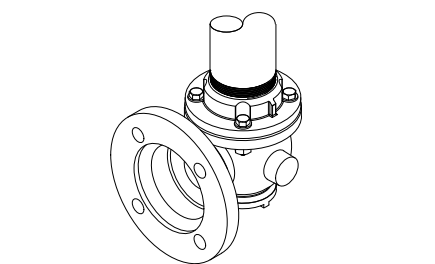
**B** 3" FIP INLET  
Scale: 1"=1'



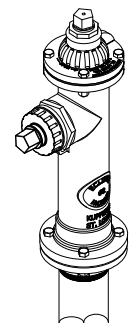
**C** 2" MJ INLET  
Scale: 1"=1'



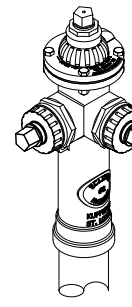
**D** 3" MJ INLET  
Scale: 1"=1'



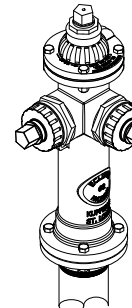
**E** 4" MJ INLET  
Scale: 1"=1'



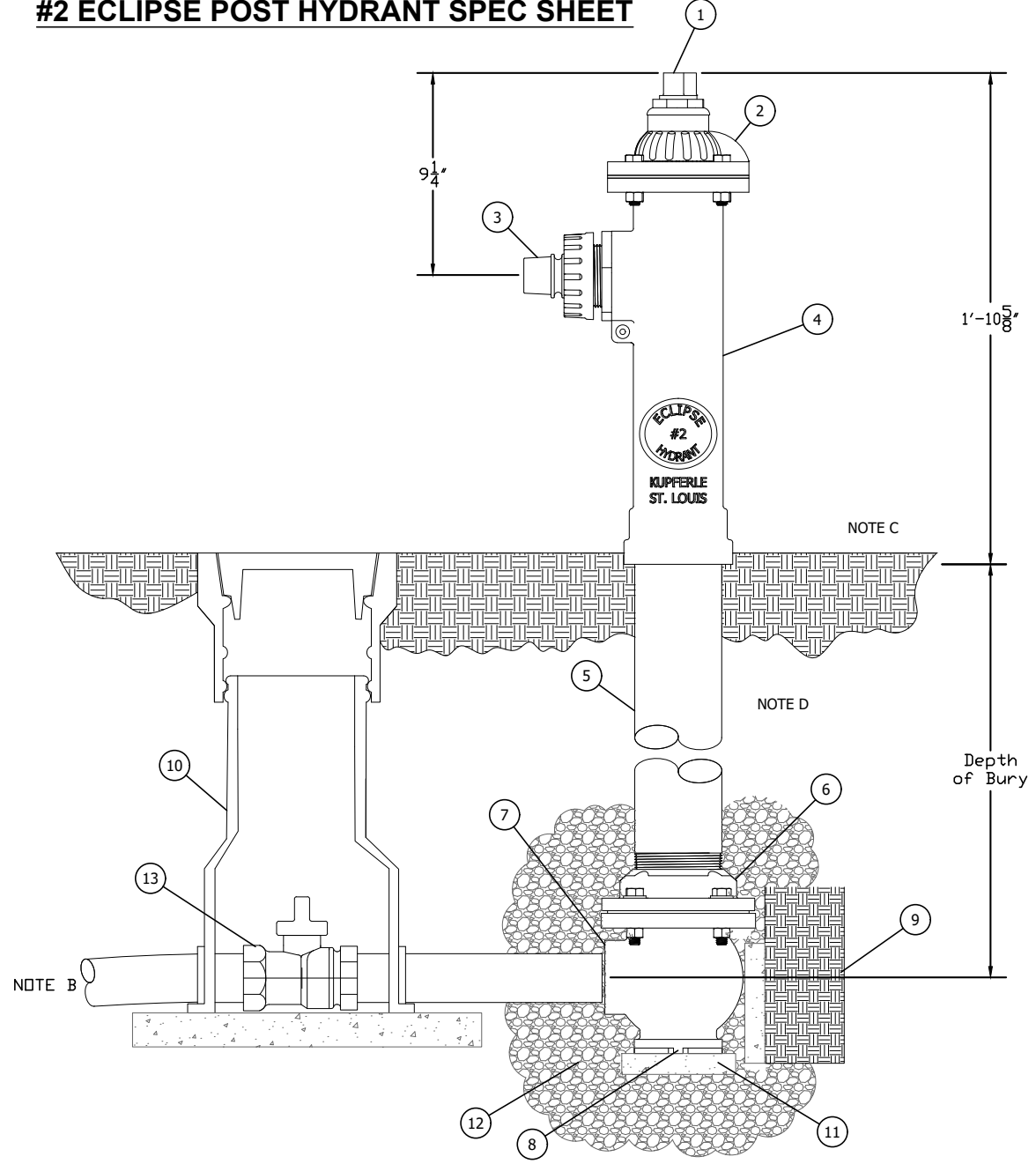
**F** 1 NOZZLE BOLTED FLANGE TOP STOCK  
Scale: 3/4"=1'



**G** 2 NOZZLE TOP STOCK  
Scale: 3/4"=1'



**H** 2 NOZZLE BOLTED FLANGE TOP STOCK  
Scale: 3/4"=1'



**1** #2 STANDARD INSTALL VIEW  
Scale: 3"=1'

Eclipse Product Ordering Guide																	
MODEL#	2	-	1.0	-	A	-	A	-	A	-	X	-	X	-	X	-	X
SUBSECTION	1	2	3	4	5	6	7	8	9	10							
SUBSECTION DESCRIPTION	MODEL #	OPTIONS	DESCRIPTIONS														
MODEL	1	2	Post Hydrant														
DEPTH OF BURY	2	0.0	X.X = FEET DEPTH OF BURY. ENTER # IN FEET AND INCLUDE INCHES. ROUND TO NEAREST 0.5 FEET ( MUST BE > 1.0 )														
INLET OPTIONS	3	A	2" FIP INLET														
		B	2.5" FIP INLET														
		C	3" FIP INLET														
		D	2" MJ INLET														
		E	3" MJ INLET														
		F	4" MJ INLET														
TOP STOCK OPTIONS	4	A	SINGLE NOZZLE														
		B	SINGLE NOZZLE BOLTED FLANGE														
		C	TWO NOZZLE														
		D	TWO NOZZLE BOLTED FLANGE														
OUTLET OPTIONS	5	A	2-1/2" MNST BRASS NOZZLE														
		B	1/1/2" MNST BRASS NOZZLE														
		C	1-1/2" MNPS (STRAIGHT) BRASS NOZZLE														
		D	1/1/2" MNPT (TAPERED) BRASS NOZZLE														
		E	2" MNST BRASS NOZZLE														
		F	2" MNPS (STRAIGHT) BRASS NOZZLE														
		G	2" MNPT (TAPERED) BRASS NOZZLE														
		H	2-1/2" MNPS (STRAIGHT) BRASS NOZZLE														
		I	2-1/2" MNPT (TAPERED) BRASS NOZZLE														
		J	2" FNPS CAST IRON NOZZLE														
OPERATING ROD MATERIAL	6	X	CALL FOR CUSTOM														
		A	GALVANIZED PIPE														
		B	SOLID STEEL ROD														
		C	S.S. PIPE														
VANDAL-PROOF OPTIONS	7	D	BRASS PIPE														
		X	NONE														
		A	VANDAL-PROOF TOP SCREW														
		B	VANDAL-PROOF SIDE CAP														
VANDAL-PROOF OPTIONS	8	C	VANDAL-PROOF TOP SCREW AND SIDE CAP														
		X	NONE														
HANDWHEEL	9	A	VANDAL-PROOF WRENCH														
		X	NONE														
LOCKING WRENCH	10	A	HANDWHEEL														
		X	NONE														
		A	LOCKING WRENCH														

ITEM	DESCRIPTION	NOTES
1	OPERATING SCREW	
2	TOP CAP	
3	SIDE CAP	
4	TOP STOCK	
5	3-1/2" FBE COATED STEEL PIPE	
6	COUPLING	
7	INLET VALVE BODY	
8	DRAIN HOLE	
9	UNDISTURBED EARTH	BY OTHERS
10	VALVE BOX	BY OTHERS
11	THRUST BLOCKS	BY OTHERS
12	CRUSHED ROCK	BY OTHERS
13	HYDRANT SHUT-OFF VALVE	BY OTHERS

Eclipse Post Hydrant shall be installed in the following location(s): \_\_\_\_\_

#2 Eclipse post hydrant shall be self-draining, non-freezing, compression type with 2-3/16" main valve opening. Inlet connection shall be 2" FIP standard. Outlet shall be 2-1/2" NST standard. Standard depth of bury is 3'. All water flow shall pass through a 3-1/2" FBE coated steel pipe and cast iron top stock water way. All working parts shall be serviceable from above ground with no digging or replacement needed. Hydrant shall be set in 4 cubic feet of crushed stone to allow for proper drainage of hydrant. Recommendation of the AWWA should be followed when installing the hydrant.

Unit model # shall be 2-X.X-X-X-X-X-X-X-X-X as specified in the product ordering guide as manufactured by Kupferle Foundry Company, St. Louis MO, or approved equal.

NOTES	
A	PIPING BY OTHERS
B	FLUSH LINE BEFORE INSTALLATION OF THE HYDRANT
C	GROUND LINE MAY VARY
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	SMS	10/03/18
APPROVED	XXX	XXX
SHEET	SIZE	SCALE
B (11x17)		VARIES

2511 NORTH 9TH STREET  
ST. LOUIS, MO 63102  
1-800-231-3990  
FAX 314-231-2820  
www.kupferle.com  
Since 1857