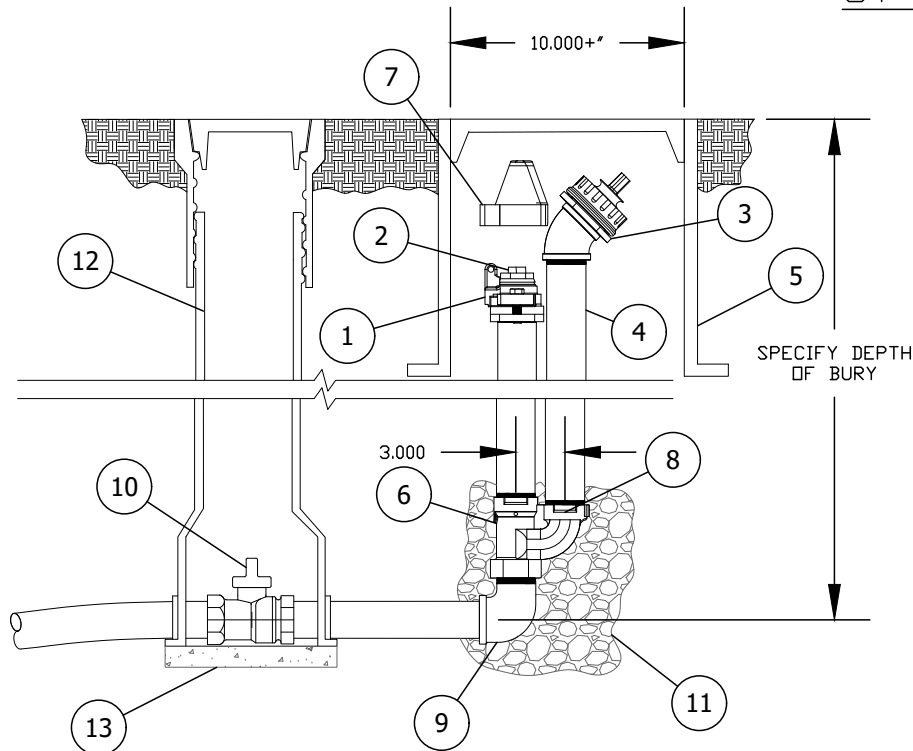


MAINGUARD #78

2" BELOW GRADE BLOW-OFF

SPEC SHEET

GENERAL HYDRANT SPECIFICATIONS	
MAXIMUM OPERATING PRESSURE:	220 PSI
NSF/ANSI:	NSF 372
REGULATORY COMPLIANCE:	



MAINGUARD #78 BELOW GRADE BLOW-OFF HYDRANT SHALL BE SELF-DRAINING, NON-FREEZING TYPE WITH A _____' DEPTH OF BURY. HYDRANT SHALL BE FURNISHED WITH A 2" VERTICAL OR HORIZONTAL INLET CONNECTION, A NON-TURNING OPERATING ROD AND SHALL OPEN TO THE LEFT. OUTLET SHALL BE 2" MIP WITH PLUG AND BE HOUSED IN A STANDARD METER BOX WITH A MINIMUM OPENING OF 10".

ALL WATER FLOW SHALL PASS THRU A 2" STEEL PIPE AND CAST IRON TOP STOCK WATERWAY. THE OPERATING DRIVE MECHANISM SHALL RAISE AND LOWER A PLUNGER TO CONTROL THE FLOW OF WATER AND SHALL BE SERVICEABLE FROM ABOVE GROUND WITH NO DIGGING OR REPLACEMENT NEEDED. SAID OPERATING DRIVE SHALL OPERATE WITH A STANDARD UNIVERSAL SLOTTED VALVE WRENCH. WHEN OPEN THE FLOW OF WATER SHALL BE UNOBSTRUCTED AND THE DRAIN HOLE SHALL BE COVERED.

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.

THE MAINGUARD #78 BELOW GRADE BLOW-OFF HYDRANT AS MANUFACTURED BY KUPFERLE WATER SOLUTIONS, ST. LOUIS MO. OR APPROVED EQUAL.

NOTES:

THE #78 HYDRANT

OUTLET SHALL BE: _____

MAINGUARD #78 MANUAL BLOW-OFF HYDRANT SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:

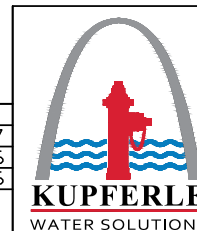
ITEM	ITEM / DESCRIPTION	NOTES
1	TOP CAP	
2	SLOTTED OPERATING NUT	
3	2" MIP OUTLET	SHOWN WITH CAP
4	2" STEEL PIPE	
5	STANDARD METER BOX	
6	INLET VALVE BODY	
7	LOCKING COVER	
8	DRAIN HOLE	
9	90° STREET ELBOW	BY OTHERS
10	HYDRANT SHUT-OFF VALVE	BY OTHERS
11	CRUSHED ROCK	BY OTHERS
12	VALVE BOX	BY OTHERS
13	SOLID CONCRETE BLOCK	BY OTHERS

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

#78 MAINGUARD (VERTICAL INLET) SPEC SHEET

	INITIALS	DATE
DRAWN	SMS	06/27/17
APPROVED	DCL	03/05/26
MODIFIED	ADC	03/05/26

SCALE
1"=1'-0"



1291 N HIGHWAY DR
ST. LOUIS, MO 63026
1-800-231-3990
FAX 314-231-2820
www.hydrants.com

SHEET 1 OF 1