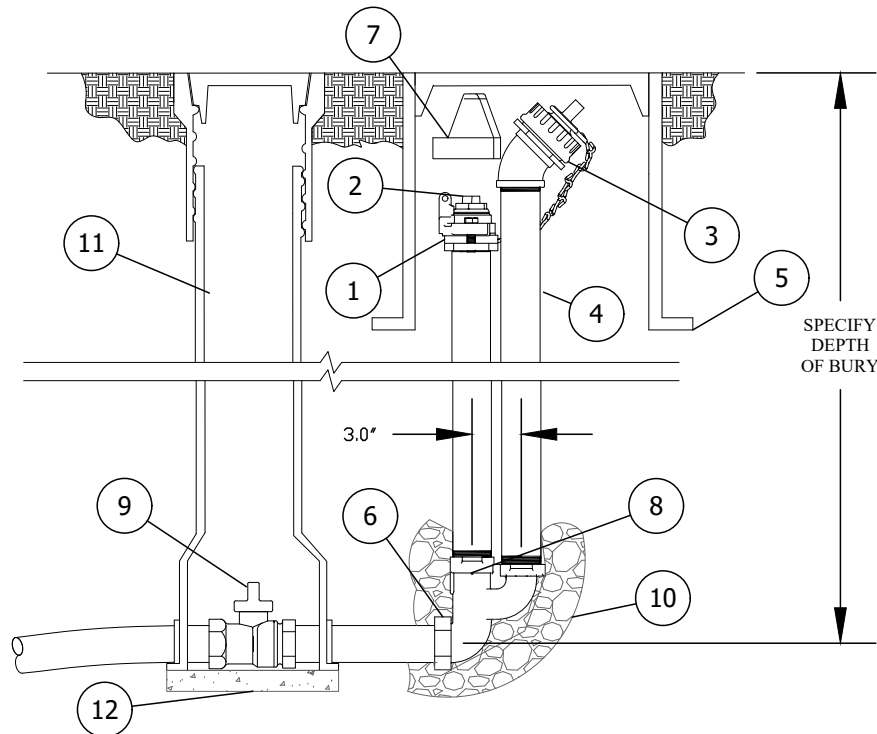


MAINGUARD #78 HORIZONTAL INLET

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" HORIZONTAL INLET CONNECTION, A NON-TURNING OPERATING ROD AND SHALL OPEN TO THE LEFT. OUTLET SHALL BE 2-1/2" NST WITH CAP AND BE HOUSED IN A STANDARD METER BOX WITH A MINIMUM OPENING OF 10".

ALL WATER FLOW SHALL PASS THRU A 2" STEEL PIPE, BRASS ELBOW AND BRASS CONNECTION 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.

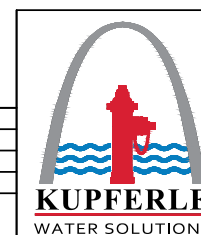
ITEM	ITEM / DESCRIPTION	NOTES
1	TOP CAP	
2	SLOTTED OPERATING NUT	
3	2-1/2" NST OUTLET	SHOWN WITH CAP
4	2" STEEL PIPE	
5	STANDARD METER BOX	
6	INLET VALVE BODY	
7	LOCKING COVER	
8	DRAIN HOLE	
9	HYDRANT SHUT-OFF VALVE	BY OTHERS
10	CRUSHED ROCK	BY OTHERS
11	VALVE BOX	BY OTHERS
12	SOLID CONCRETE BLOCK	BY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

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

12/07/22	NEW RELEASE
DATE	STATUS / REVISION

#78 (HORIZONTAL INLET) SPEC SHEET

	INITIALS	DATE
DRAWN	ADC	12/07/22
APPROVED	KJW	12/07/22
MODIFIED	ADC	03/04/26
	SCALE	
	1"=1'-0"	



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