

NEW AND IMPROVED MAINGUARD HYDRANTS!

New Design and Standard Features Combine to Deliver the **BEST VALUE** for You!

- *Now Celebrating Over
140 Years in Business!*

- **LOCKING COVER**
Always Furnished,
Never an Option.

- **IRON NOZZLE CAP**
Always Furnished, Never
an Option!

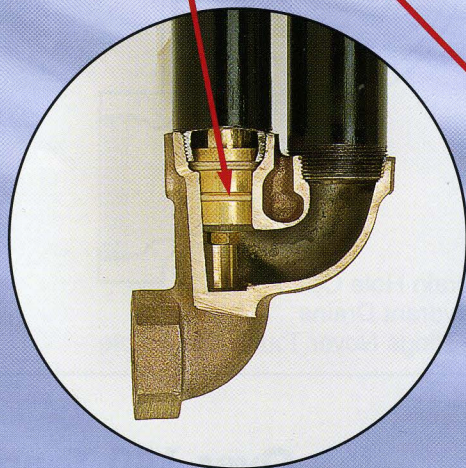
- **TRAFFIC BREAKAWAY**
Always Furnished,
Never an Option.

- **NEW! PLUNGER DESIGN**
Double Urethane O-Rings
Allow Throttling of Valve
with Minimal Water Loss
through Drain.

- No Special Operating
Wrench Required.

- **FULL FLOW**
100% Hollow Flow Pipe
Assures Scouring Power!

- **NEW! "FULL FLOW" VALVE**
New Extra-Wide Waterway
Delivers Maximum Flow.
Ask for Test Results.



MainGuard



THE KUPFERLE FOUNDRY COMPANY

813 HEMPSTEAD STREET / ST. LOUIS, MISSOURI 63102
314-231-8738 FAX# 314-231-2820
<http://www.hydrants.com>



**Call Toll Free
1-888-HYDRANT**

The MainGuard hydrant is built better than any other hydrant in its class.

The features available on this model include:

- **2½" NST Nozzle.** Also available in any smaller size.
- **Traffic Break-away.** The MainGuard is designed to break easily at ground level.
- **Security.** A locking cover prevents water theft and protects MainGuard from the elements.
- **Easy Repair.** You'll never need a shovel to repair the MainGuard. Remove two bolts and you can take the inner workings out for easy repair and replacement.
- **Brass Working Parts.** All the moving parts are enclosed and made from high quality brass for greater durability and wear.
- **Full Draining Capabilities.** The MainGuard drains to prevent freezing after flushing.
- **2" FIP Inlet.** Inlet can come in from the side, or from the bottom. (As shown).
- **Underground Model Available.** The #78 MainGuard blow-off hydrant can be placed in a meter box if an underground installation is desired.

MainGuard hydrants are recommended for water main flushing purposes only. Please see our Eclipse line of hydrants for all other applications.



Model #78



Model #77

1-800-231-3990



MainGuard



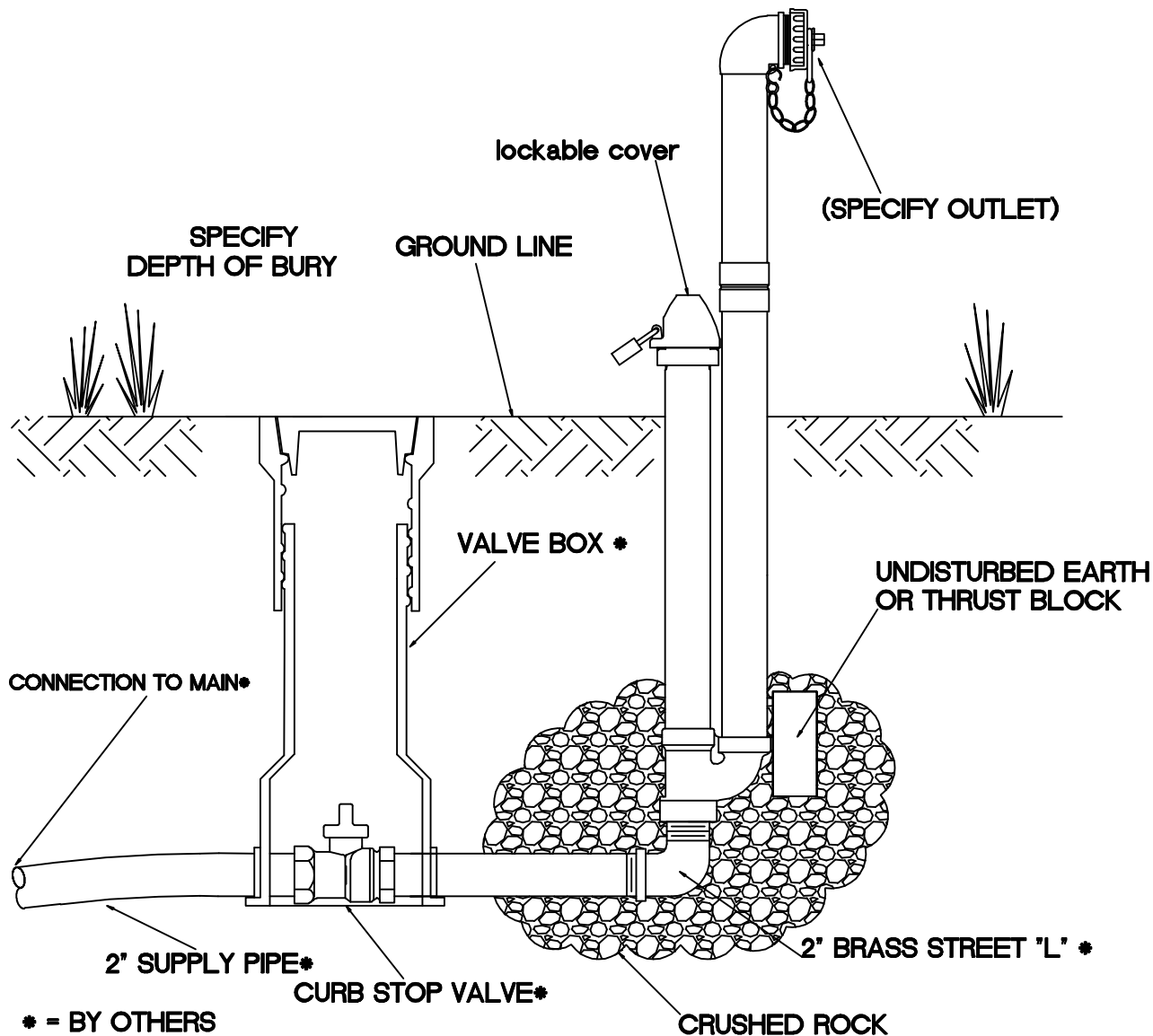
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Flushing and Sampling Systems

At the end of the main - it's MainGuard

MAINGUARD # 77 BLOW-OFF HYDRANT



Post Hydrant shall be non-freezing, self draining type with a _____' bury. These hydrants will be furnished with a 2" FIP horizontal, vertical or 2" MJ inlet. A non-turning operating rod and shall open left. Bronze operating mechanism and aluminum plunger design, and be servicable from above grade with no digging. The outlet shall also be bronze and be 2½" NST or smaller. Hydrants shall be lockable to prevent unauthorized use as manufactured by Kupferle Foundry Co. St. Louis Mo. or approved equal.

Inlet Pressure (psi)	Flow Rate (gpm)
75	675
100	742
125	800
150	856

DRAWN
F.M.
APPROVED

DATE
1-10-13
MAT'L

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ECLIPSE
Since 1887

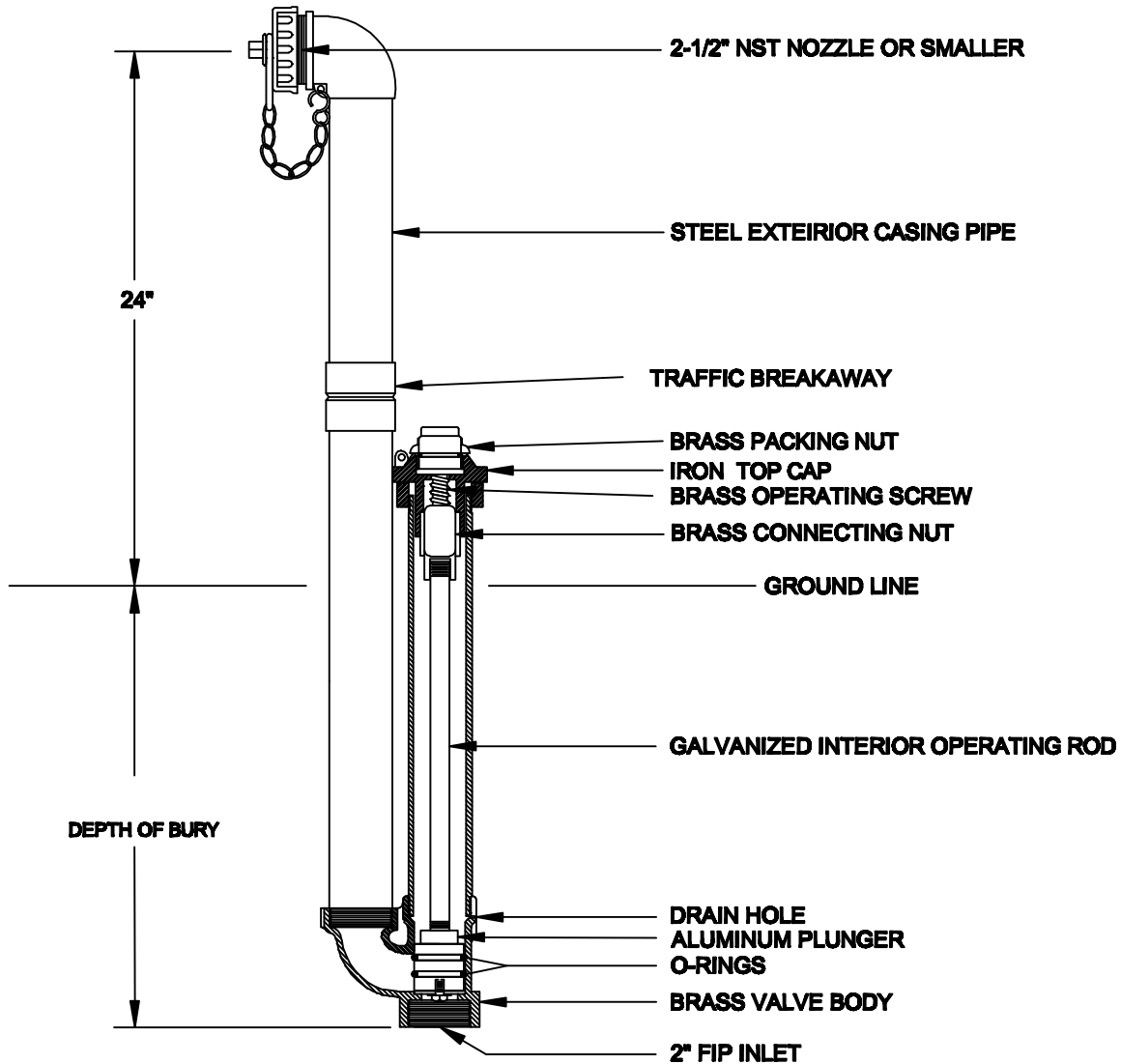


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2511 NORTH 9TH STREET, ST. LOUIS, MO 63102
314-231-8738 800-231-3000 FAX 314-231-2820
<http://www.hydrants.com>

DATE	REVISION	PART NO. #77 MAINGUARD POST HYDRANT	SHEET 1 OF 1
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#77 MAINGUARD POST HYDRANT



Inlet Pressure (psi)	Flow Rate (gpm)
75	360
100	435
125	488
150	527

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