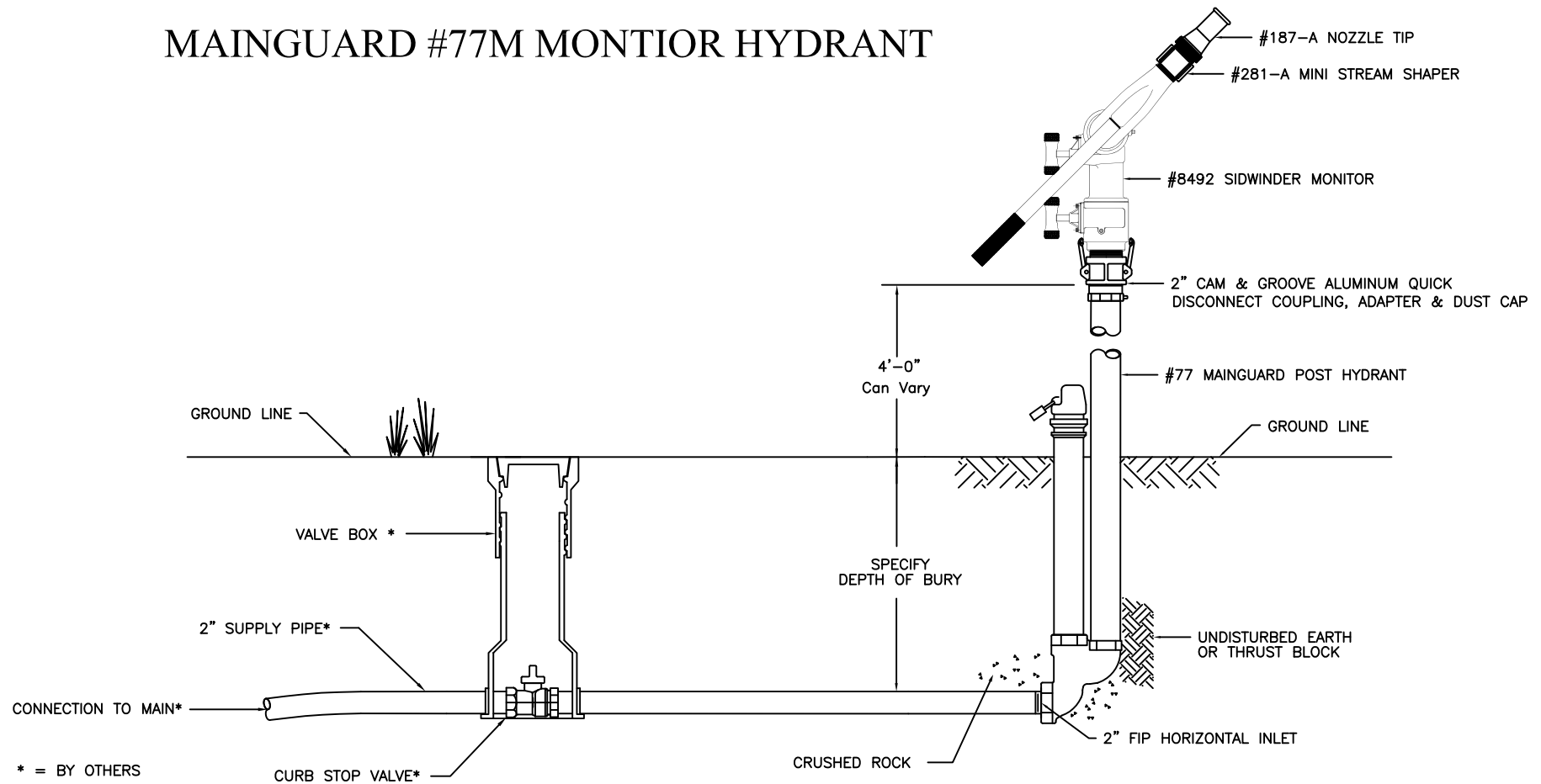


MAINGUARD #77M MONTIOR HYDRANT



#77M MONITOR HYDRANT ASSEMBLY SHALL INCLUDE A #77 MAINGUARD 2" POST HYDRANT AND A SIDEWINDER #8492 ELK-O-LITE MONITOR DESCRIBED AS FOLLOWS: THE MAINGUARD #77 POST HYDRANT SHALL BE NON-FREEZING, SELF DRAINING TYPE WITH A _____' DEPTH OF BURY. THE HYDRANT WILL BE FURNISHED WITH A 2" VERTICAL OR HORIZONTAL FIP INLET OR 2" MJ INLET, A NON-TURNING OPERATING ROD AND BE OPERATED WITH A 1-1/4" PENTAGON WRENCH. WHEN OPEN, THE VALVE SHALL BE 100% UNOBSTRUCTED AND DRAIN HOLE SHALL BE COVERED. THE OPERATING DRIVE MECHANISM SHALL BE OF BONZE-TO-BRONZE DESIGN AND BE SERVICEABLE FROM ABOVE GRADE WITH NO DIGGING. THE #8492 ELK-O-LITE SIDEWINDER MONITOR SHALL BE CONSTRUCTED FROM LIGHT WEIGHT CAST ALUMINUM WITH A FULLY VANED 2" WATERWAY PRODUCING A FRICTION LOSS FACCTOR OF 26 PSI AT 500 GPM; MONITOR SHALL BE CAPABLE OF 360 DEGREE HORIZONTAL ROTATION AND ALLOW FOR VERTICAL POSITIONING WITH STOP LOCATIONS AT 90 DEGREES ABOVE AND 45 DEGREE BELOW THE HORIZONTAL PLANE. THE OUTLET OF THE MONITOR SHALL INCLUDE A 1-1/2" #281-A MINI STREAM SHAPER AND A #187-A ALUMINUM NOZZLE TIP WITH A 1-1/2" FEMALE INLET AND A 15/16" FEMALE OUTLET, THE #77 MAINGUARD POST HYDRANT AND THE #8492 SIDEWINDER MONITOR SHALL HAVE A 2" ALUMINUM CAM AND GROOVE QUICK DISCONNECT COUPLER AND ADAPTER WITH DUST CAP AS MANUFACTURED BY KUPFERLE FOUNDRY CO., ST. LOUIS, MO. & ELKHART BRASS MFG CO., ELKHART, IN OR APPROVED EQUAL.

1	2-15-13	NOZZLE TIP OUTLET SIZE CHANGE-G.B.
NO	DATE	REVISION

DRAWN
G.B.
APPROVED
DATE
08-18-10
MAT'L

ECLIPSE
Since 1857

KUPFERLE FOUNDRY COMPANY

2511 NORTH 9TH STREET, ST. LOUIS, MO 63102
314-231-8738 800-231-3990 FAX 314-231-2820
<http://www.hydrants.com>

PART NO. #77M MAINGUARD MONITOR HYDRANT