

NON-FREEZE GROUND HYDRANTS

3/4" (19) or 1" (25) CONNECTIONS FLUSH MOUNTED BOX HYDRANT WITH LOCKING COVER

	Fig. 5830.....3/4"(19)	}	Inlet and Hose Connection
	Fig. 5831.....1"(25)		

STANDARD FEATURES

Fig. 5830 or 5831 box hydrant provides water access that is inconspicuous and unobtrusive. The top of the unit is installed flush with the surrounding surface and all working parts are located below grade. The hydrant may be installed in pavement, sod or concrete. The unit is furnished with a hinged, locking lid, which is opened for access to the hose outlet and closed when not in use. A loose key serves to lock and unlock the lid and to operate the hydrant. To provide freeze resistant functionality, the valve is located underground at the specified depth of bury. The hydrant box and lid are iron castings and the bottom connection, valve and hose outlet are solid-brass castings. Field-serviceable parts are easily accessible.

SUGGESTED SPECIFICATIONS

Hydrant shall be Jay R. Smith Fig. 5830 or 5831 freeze resistant box hydrant. Unit is to be installed with top of unit flush with surrounding surface and shall be furnished with hinged, locking lid. Valve shall be located underground at specified depth of bury to ensure freeze resistant capability.

Hydrant box and lid shall be fabricated of heavy-duty, grey iron castings. Box and lid shall be finished with a heavy coat of oil-base black enamel.

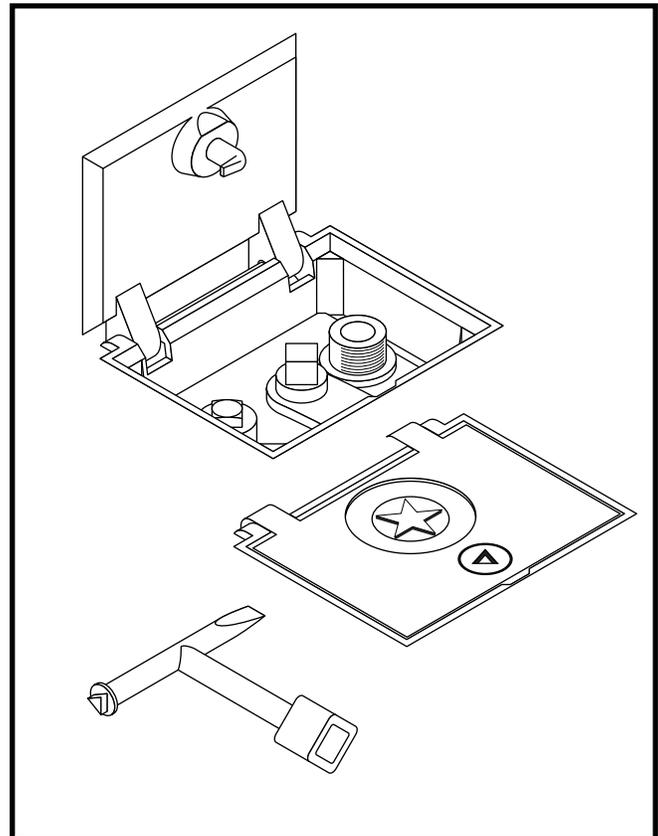
Valve, stirrup and hose outlet shall be fabricated of solid-brass castings. All solid-brass castings shall conform to ASTM standards B61 and B62. Lead-free castings are used in all waterways.

Outer casing (2" (50) pipe) and internal water supply line shall be fabricated of steel pipe.

Cast-aluminum key shall be furnished loose. Key shall be used to lock and unlock lid and to operate hydrant.

Unit shall be furnished with 3/4" (19) or 1" (25) union water supply connection.

Contractor shall ensure that hydrant is installed properly.



DEPTH OF BURY (additional costs may be incurred)

	2 feet (610)		5 feet (1525)
	3 feet (915)		6 feet (1830)
	4 feet (1220)		

NOTES: 1. FOR IRRIGATION PURPOSES ONLY.
2. Dimensions shown in Parentheses are in millimeters.

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DRAWING NUMBER	s5830, 5831	SCALE:	NONE	DATE:	01/05/11	APPROVED BY:	CL	CHECKED BY:	CL	DRAWN BY:	JJ
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FIGURE NUMBER	5830, 5831	REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
									5830, 5831

NON-FREEZE GROUND HYDRANTS

B DRAWING NUMBER **5830, 5831BS** SIZE **A** SCALE: **NONE** DATE: **01/06/11** APPROVED BY: **CL** CHECKED BY: **CL** DRAWN BY: **JJ** **5830, 5831BS**

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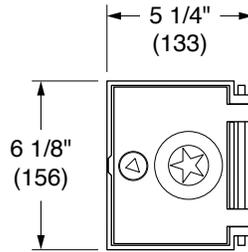


Fig. 5830

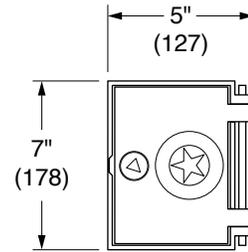
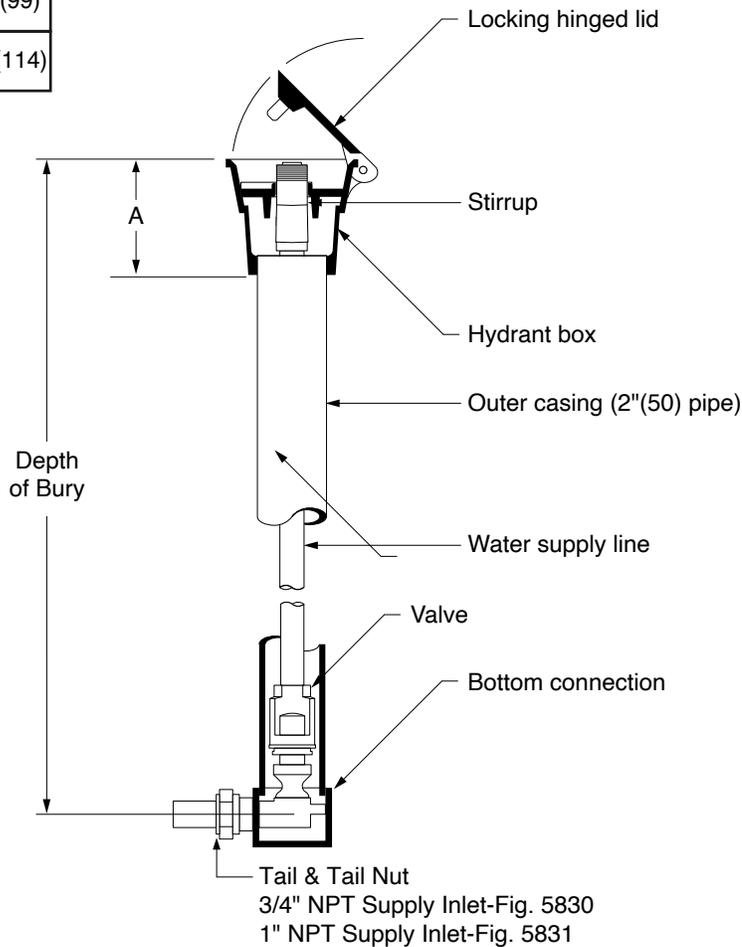


Fig. 5831

Figure Number	A
5830	3 7/8" (99)
5831	4 1/2" (114)



NOTE: Dimensions shown in Parentheses are in millimeters.

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
B	5-31-23	Revised Drawing	HS	CL			5830, 5831BS
A	5-26-11	Revised Drawing	TBW	CL			