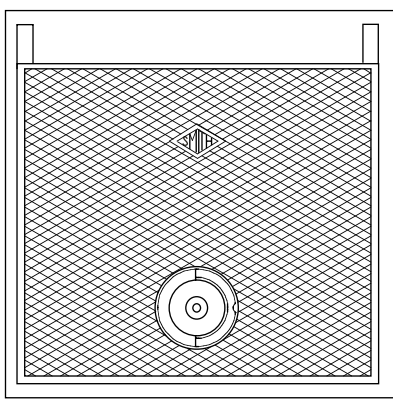
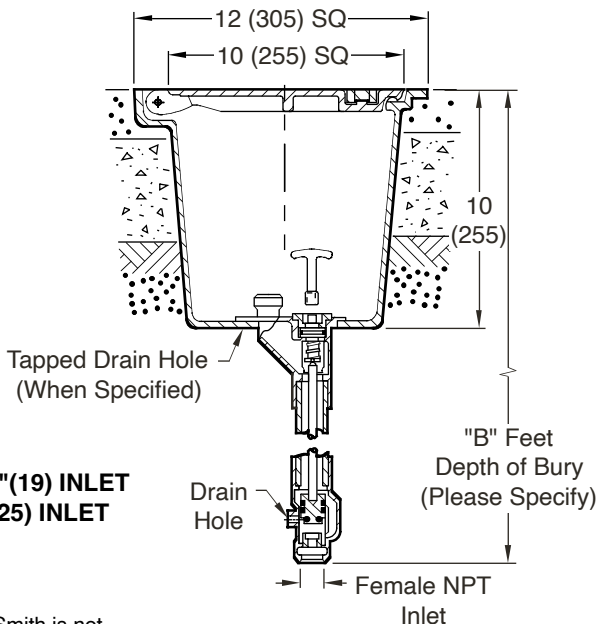


R	   				LOCATION 	
	NON-FREEZE GROUND HYDRANT BOX TYPE HYDRANT WITH DUCTILE IRON COVER					
FIGURE NUMBER 5950, 5951	DRAWING NUMBER S5950	SIZE A	SCALE: NONE	DATE: 12-8-86	APPROVED BY: TD	WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA
						
				TOP VIEW		
				☐ Fig. 5950 . . . 3/4"(19) INLET ☐ Fig. 5951 . . . 1"(25) INLET		
						
				B(Depth of Bury) = 02(610), 03(915), 04(1220), 05(1525), 06(1830), 07(2135) or 08(2438) Feet		
NOTE: 1. Addition of vacuum breaker will not allow draining of the casing. Smith is not responsible for any casings that burst or related incidents if the hydrant is supplied with a vacuum breaker. 2. All Jay R. Smith hydrants are manufactured with "NO-LEAD" brazing rings and USDA approved lubricants. 3. The AB100, AB1953, California Lead Law, and NSF/ANSI Standard 61 - Drinking Water System Components are not applicable to Jay R. Smith hydrants as they do not convey/dispense water for human consumption through drinking or cooking. 4. Dimensions shown in parentheses are in millimeters. 5. When installed in parking decks, garages or similar applications subjected to vehicle traffic, hydrant shall be located in a non-traffic location. 6. FOR IRRIGATION PURPOSES ONLY.						
REGULARLY FURNISHED: Bronze Hydrant with Bronze Casing. "T" Handle Key and Cast Iron Box with Ductile Iron Cover with Lifting Device.				VARIATIONS: ☐ 1"(25) Hose Connection Adaptor -HC1 ☐ 1/8"(3) NPT Drain Hole in Box -N ☐ 1/8"(3) NPT Drain Hole in Valve Housing -NV ☐ "Water" Cast on Cover -W		
				OPTIONAL MATERIALS: ☐ Nickel Bronze Top -NB ☐ Polished Bronze Top -PB ☐ Rough Bronze Top -RB		
TECHNICAL DATA						
Non-Freeze Ground Hydrants are supplied with a special valve housing which prevents freezing of hydrant during non-use periods. The valve housing must be installed below the frost line which prevails for the area of installation. The valve housing has a drain hole which drains the casing during non-use periods. Since water from the drain hole is normally allowed to drain into the ground, the valve housing should be set in a bed of gravel. Water drained from the casing can then seep into the ground. Some locations which require Non-Freeze Ground Hydrants cannot tolerate water draining from the drain hole. Examples are parking garages, plazas and roof decks used for recreational purposes. Often in these types of applications the valve housing will protrude into a finished area which is not subject to freezing temperatures. To eliminate the problem of water drainage in this type of installation, Smith can supply a tapped drain hole in the hydrant box and a tapped drain hole in the valve housing. Through these tapped drain holes, water accumulation in the box and the water from the valve housing drain hole can be piped to a suitable drain.						
R Q P N	8-4-23 3-22-23 2-5-13 2-27-12	Removed Function Revised Note 3 Revised Notes Rev. Function, Reg. Furn., Note	HS KK TBW TBW	CL JT CL AM	WEIGHT POUNDS	VOLUME CUBIC FEET
REV.	DATE	DESCRIPTION	BY	CKD. BY	FIGURE NUMBER 5950, 5951	



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

A	JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com MEMBER OF: MEMBER OF: MEMBER OF:					LOCATION 																																																				
	PARTS LIST WITH MAINTENANCE INSTRUCTIONS																																																									
5950, 5951-BS	DRAWING NUMBER S5950BS SIZE A SCALE: NONE DATE: 1-23-85 APPROVED BY: TD CHECKED BY: TD DRAWN BY: VGD					WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA																																																				
	Rod Assembly (For Replacement Specify Exact Length)																																																									
	● These parts are accessible from face of hydrant by removing face nut. △ These replacement parts available in HPRK-41. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left; padding: 5px;">REPLACEMENT PARTS LIST-SPECIFY FIGURE NO. WHEN ORDERING</th> </tr> <tr> <th style="width: 5%;">No.</th> <th style="width: 65%;">DESCRIPTION</th> <th style="width: 5%;">No.</th> <th style="width: 20%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>1</td><td>Head/Casing Assembly</td><td>8</td><td>Operating Screw</td></tr> <tr><td>1a</td><td>Head</td><td>9</td><td>Operating Screw "O" Ring</td></tr> <tr><td>1b</td><td>Casey</td><td>10</td><td>Operating Rod Assembly</td></tr> <tr><td>1c</td><td>Valve Housing</td><td>10a</td><td>Coupling</td></tr> <tr><td>2</td><td>Lifting Device</td><td>10b</td><td>Rod</td></tr> <tr><td>3</td><td>Key</td><td>10c</td><td>Plunger</td></tr> <tr><td>4</td><td>Cover</td><td>13</td><td>Removable Seat</td></tr> <tr><td>5</td><td>Hydrant Cover Hinge Pins(2)</td><td>17</td><td>Plunger "O" Ring</td></tr> <tr><td>6</td><td>Box</td><td>18</td><td>Plunger "O" Ring</td></tr> <tr><td>7</td><td>Face Nut</td><td></td><td></td></tr> </tbody> </table>										REPLACEMENT PARTS LIST-SPECIFY FIGURE NO. WHEN ORDERING				No.	DESCRIPTION	No.	DESCRIPTION	1	Head/Casing Assembly	8	Operating Screw	1a	Head	9	Operating Screw "O" Ring	1b	Casey	10	Operating Rod Assembly	1c	Valve Housing	10a	Coupling	2	Lifting Device	10b	Rod	3	Key	10c	Plunger	4	Cover	13	Removable Seat	5	Hydrant Cover Hinge Pins(2)	17	Plunger "O" Ring	6	Box	18	Plunger "O" Ring	7	Face Nut		
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