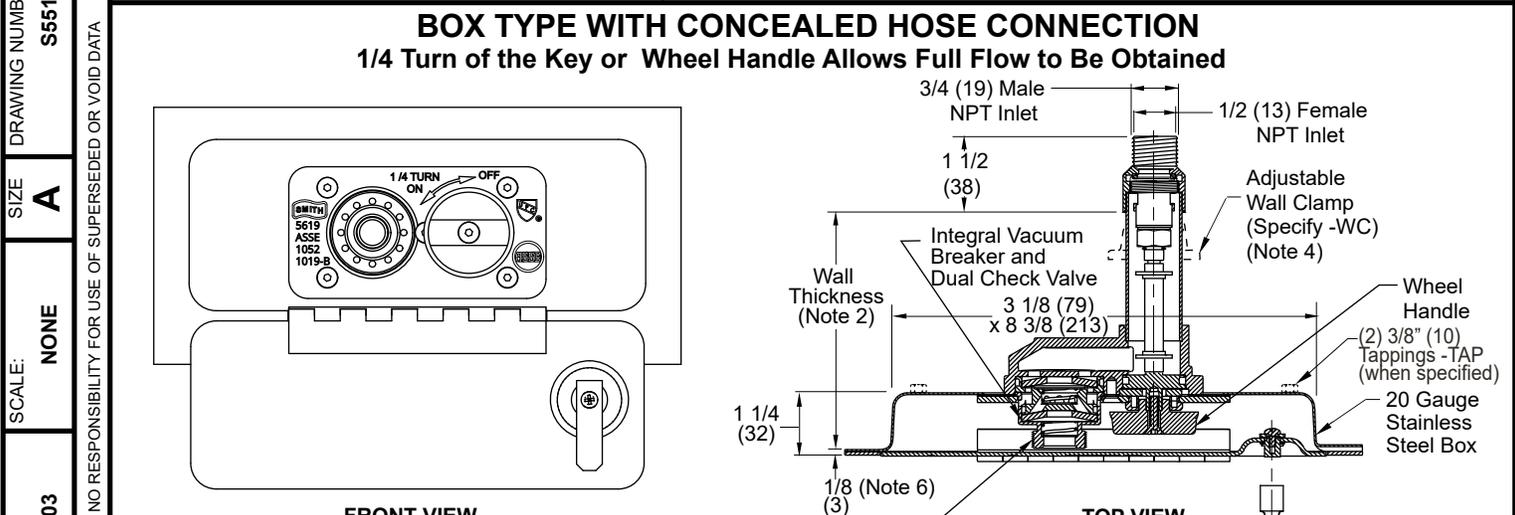


GUARDIAN DUAL CHECK®
1/4 TURN NON-FREEZE WALL HYDRANT WITH AUTOMATIC DRAINING INTEGRAL VACUUM BREAKER, DUAL CHECK VALVE AND STAINLESS STEEL BOX
BOX TYPE WITH CONCEALED HOSE CONNECTION
1/4 Turn of the Key or Wheel Handle Allows Full Flow to Be Obtained

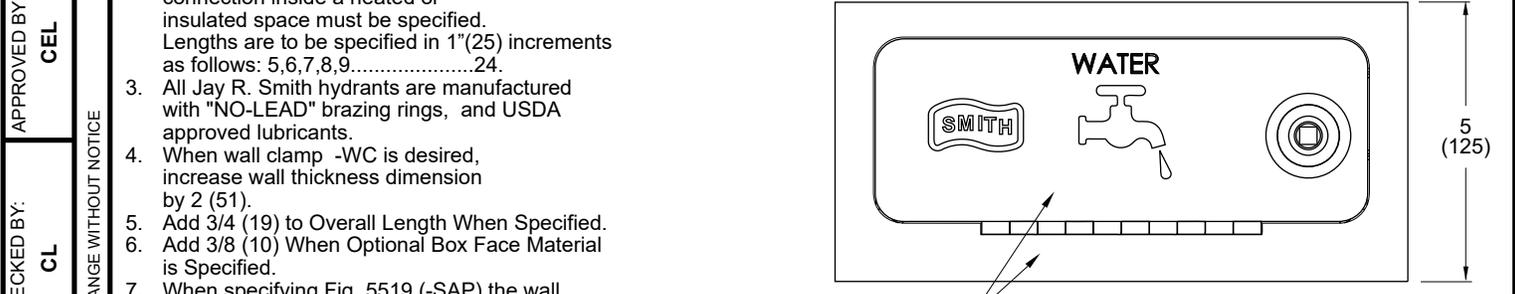


FRONT VIEW with COVER OPEN

NOTES:

1. Recommended wall opening 3 3/16 (83) x 8 1/2 (215).
2. For non-freeze protection, a wall thickness which locates the inlet connection inside a heated or insulated space must be specified. Lengths are to be specified in 1"(25) increments as follows: 5,6,7,8,9.....24.
3. All Jay R. Smith hydrants are manufactured with "NO-LEAD" brazing rings, and USDA approved lubricants.
4. When wall clamp -WC is desired, increase wall thickness dimension by 2 (51).
5. Add 3/4 (19) to Overall Length When Specified.
6. Add 3/8 (10) When Optional Box Face Material is Specified.
7. When specifying Fig. 5519 (-SAP) the wall thickness shall be 3 (76).
8. Dimensions shown in parentheses are in millimeters.
9. 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.
10. **FOR IRRIGATION PURPOSES ONLY.**
11. Temperature Range: 33.0°F to 140.0°F (0.6°C to 60.0°C).
12. This ASSE 1019 device shall not be subjected to more than twelve (12) hours of continuous water pressure.

A small amount of water seepage may occur from the vacuum breaker and operating screw upon initial opening and closing of the hydrant. This is normal operation.



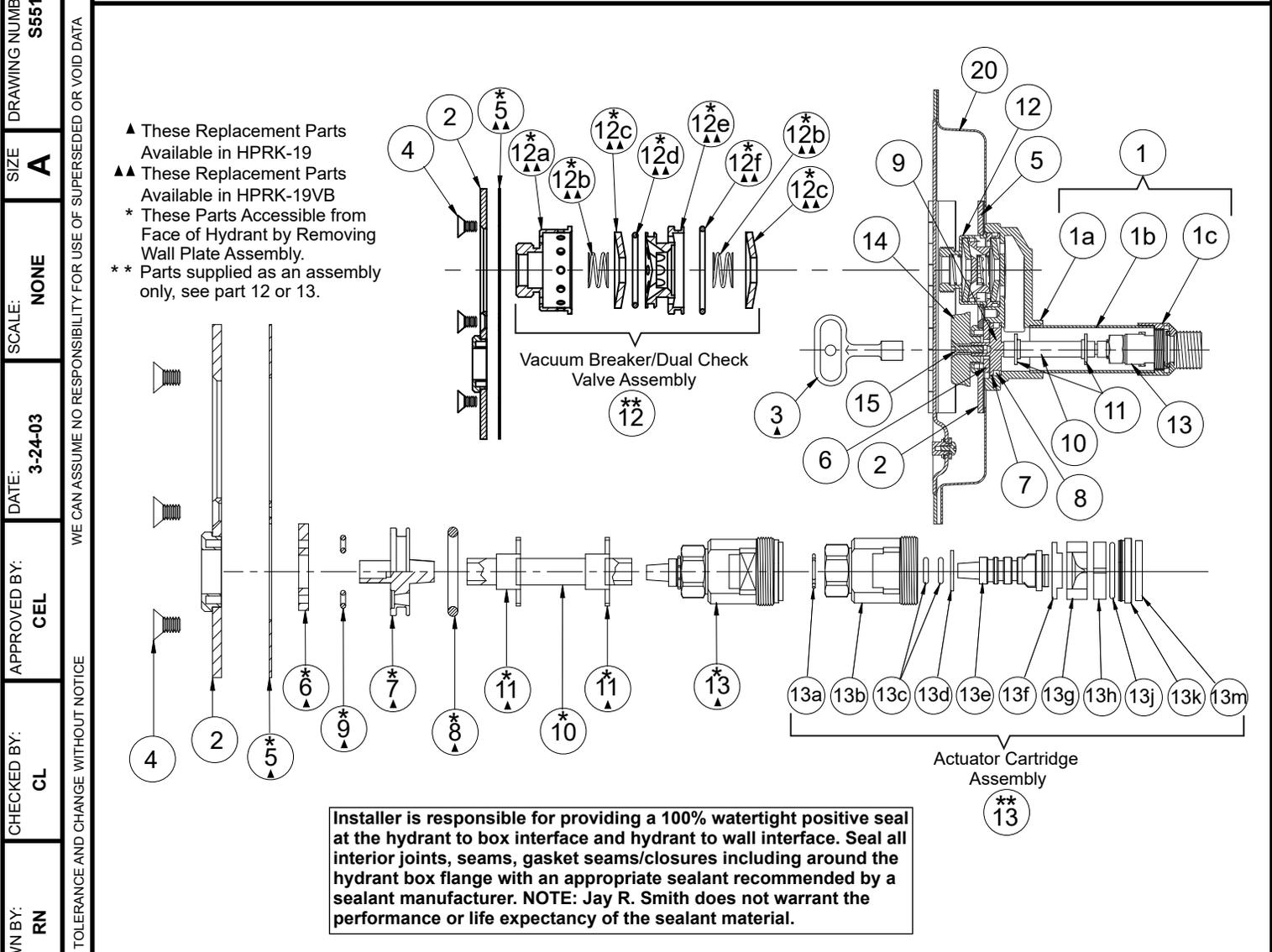
INSTALLER IS RESPONSIBLE FOR PROVIDING A 100% WATERTIGHT POSITIVE SEAL at the hydrant to box interface and hydrant to wall interface. Seal all interior joints, seams, gasket seams/closures including around the hydrant box flange with an appropriate sealant recommended by a sealant manufacturer. NOTE: Jay R. Smith does not warrant the performance or life expectancy of the sealant material.

Meets ANSI A112.21.3M Specifications
 Complies w/ ASSE 1019-B,1052 and 1053.
 IAPMO Listed- File #2749

- REGULARLY FURNISHED:**
 Bronze Quarter Turn Non-Freeze Automatic Draining Hydrant with Stainless Steel Face, Hose Connection, Integral Vacuum Breaker and Dual Check Valve, "T" Handle Key, Wheel Handle and Stainless Steel Box with Full 180° Cover Opening.
- VARIATIONS:**
- Adjustable Wall Clamp -WC (Note 4)
 - 1 (25) Hose Connection -HC1
 - 1 (25) Male NPT Inlet Connection -IC1 (Note 5)
 - Mild Climate -SAP (Note 7)
 - Cylinder Lock -CL
 - (2) 3/8"(10) Tappings -TAP
- OPTIONAL MATERIALS:**
- Polished Bronze Box Face -PB
 - Nickel Bronze Box Face -NB
 - Rough Bronze Box Face -RB
 - Chrome Plated Box Face -CP
- Patent No. US 6,752,167

FIGURE NUMBER	Q	1-31-25	Revised Notes Added®	HS	BW	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
	P	6-4-24		HS	CL			
	N	3-20-24	Revised Notes	HS	CL			5519
REV.	DATE	DESCRIPTION	BY	CKD. BY				

GUARDIAN DUAL® CHECK HYDRANT PARTS LIST



Installer is responsible for providing a 100% watertight positive seal at the hydrant to box interface and hydrant to wall interface. Seal all interior joints, seams, gasket seams/closures including around the hydrant box flange with an appropriate sealant recommended by a sealant manufacturer. NOTE: Jay R. Smith does not warrant the performance or life expectancy of the sealant material.

HYDRANT PARTS LIST							
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Casing Assembly	7	Moveable Operator Piece	12d	**Small O-Ring	13f	**Nylon Thrust Washer
1a	Head	8	Moveable Operator O-Ring	12e	**Flow Diverter	13g	**Rotating Ceramic Disc
1b	Casing	9	Drain Hole Seal (2)	12f	**Large O-Ring	13h	**Fixed Ceramic Disc
1c	Valve Housing	10	Operator Rod	13	Actuator Cartridge Assembly	13j	**O-Ring
2	Wall Plate Assembly	11	Operator Rod Guides (2)	13a	**Retaining Ring	13k	**O-Ring Gasket Retainer
3	Key	12	Vacuum Breaker/Dual Check Valve Assembly	13b	**Valve Body	13m	**Rubber Seal
4	Wall Plate Securing Screw (5)	12a	**Vacuum Breaker Housing	13c	**Actuator O-Ring (2)	14	Wheel Handle
5	Wall Plate Gasket	12b	**Spring (2)	13d	**Nylon Thrust Spacer	15	Wheel Handle Screw
6	Stationary Operator Piece	12c	**Cone Washer (2)	13e	**Valve Actuator	20	Box Assembly

5519BS

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

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

DATE: 3-24-03

SCALE: NONE

SIZE: A

DRAWING NUMBER: S5519BS

FIGURE NUMBER: B

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
	6-4-24 7-20-16	Added @ Added Note	HS TBW	BW BW			5519BS