

## **2.0 LOCKSETS – 11-LINE**

- A. All cylindrical lever locks shall be manufactured by SARGENT Manufacturing Co., New Haven, CT.
- B. Locksets shall be able to withstand 3000 inch pounds of torque applied to the locked lever without gaining access.
- C. Locksets shall be cycle tested per ANSI A156.2-2003, to eight million cycles without any visible lever sag.
- D. Locks required for fire doors shall be listed by Underwriters Laboratories for ratings of A label (3 hours) and less, for doors up to 4'0" (1.2m) x 10'0" (3m) and pairs of doors 8'0" (2.4m) x 10'0" (3m) (with 41-prefix).
- E. Locksets shall be able to fit a standard 2-1/8 inch (55 mm) bore without the use of thru-bolts. Standard rose size shall be 2-3/4 inches (70 mm) in diameter.
- F. Lockset levers shall be made of solid material with no plastic fillers.
- G. Latchbolt head shall be one piece stainless steel.
- H. Latchbolt assemblies shall be encased within the lockbody.
- I. Cylinders: Sargent Signature Series 6-pin cylinders with patented key control.
- J. Locks shall have 2-3/4 inches (70 mm) backset, standard.
- K. Strikes: Provide wrought boxes and strikes with proper lip length to protect trim but not to project more than 1/8 inch beyond trim, frame or inactive leaf. Where required, provide open back strike to allow practical and secure operation.
- L. Locksets shall have a ten year limited warranty.