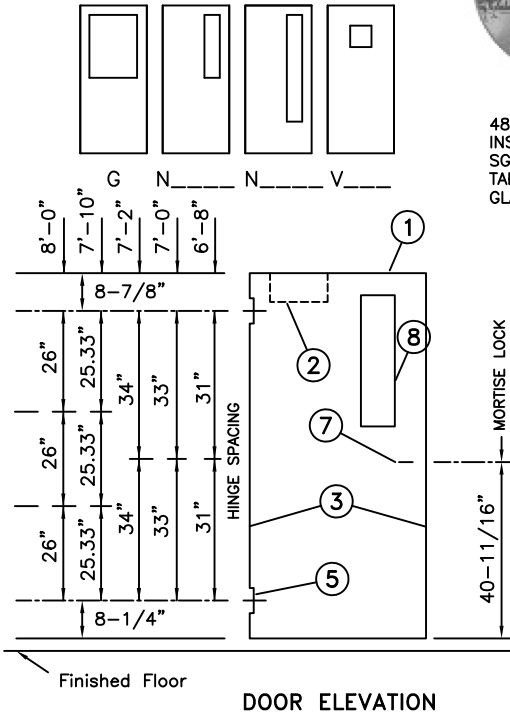
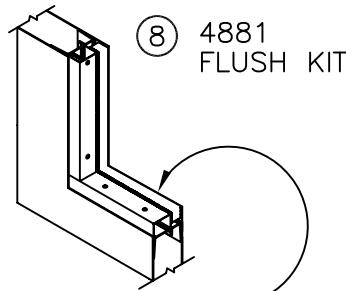


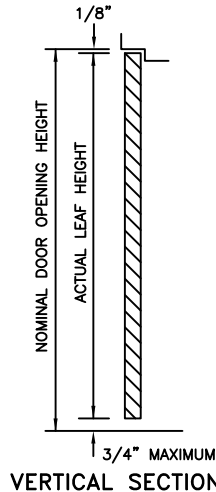
DOOR DESIGNS



4881 FLUSH LIGHT KIT IS FACTORY INSTALLED WITH NON-FIRE RATED SG5™ GLASS, TREMCO 440 GLAZING TAPE & DOW CORNING 995 SILICONE GLAZING COMPOUND.

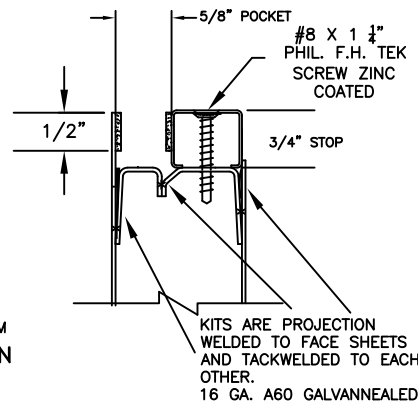


DOOR ELEVATION



VERTICAL SECTION

FIELD APPLIED CAULK IS RECOMMENDED ON THIS SEAM TO IMPROVE ESTHETICS AND RESIST WATER INTRUSION.



SARGENT MORTISE LOCK PREPARATIONS
 8224, 8225, 8226, 8227, 8235, 8239, 8240, 8241, 8243, 8245, 8246, 8247, 8248, 8249, 8250, 8251, 8252, 8266, 8268

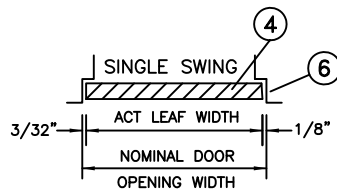
***CORBIN RUSSWIN MORTISE LOCK PREPARATIONS**
 ML2020, ML2022, ML2024, ML2029, ML2030, ML2048, ML2065, ML2067, ML2072, ML2073, ML2075, ML2082, ML2092

***YALE MORTISE LOCK PREPARATIONS**
 SL8802, SL8811, SL8812, SL8817, SL8818, SL8822, SL8823, SL8827, SL8830, SL8831, SL8832, SL8840, SL8847, SL8860, SL8861

*EQUIVALENT HARDWARE NOT TESTED

FIRE DOORS:
 N/A IN THIS DESIGN & CONSTRUCTION

COLD ROLLED STEEL IS STANDARD
 GALVANNEALED AND GALVANIZED STEEL ARE OPTIONAL



HORIZONTAL SECTIONS

1-3/4" LEGION (LP) 16 GAUGE ATTACK RESISTANT DOOR

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)



ASSA ABLOY

DRAWN BY _____ DATE _____
 CHK'D BY _____ DATE _____

SHT _____ CONTRACT NO. _____
 OF _____

ISSUE DATE _____ REVISIONS _____ BY _____

FOR HAND & SWING

SEE DOOR SCHEDULE



THERMAL INSULATION VALUE

SCHOOL GUARD GLASS

ATTACK RESISTANT TEST DATA

CORE CALCULATED (ASTM C518)

R = 6.08 U = 0.16

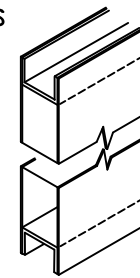
SG5™ COMPLIES WITH UL 972, ASTM C1036, C1172 & AMSI Z97.1

PASSED 3RD PARTY TESTING AT H.P. WHITE LABORATORY INC. TESTED TO 50010 CERTIFICATION STANDARDS FOR REINFORCING AND TESTING OF STANDARD WOOD AND HOLLOW METAL DOORS, FRAMES, GLASS AND HARDWARE FOR (4) MINUTE ATTACK.

1 END CHANNELS

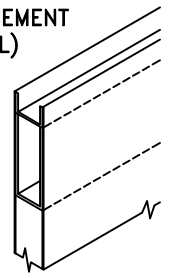
INVERTED TOP AND BOTTOM

18 GAGE FLUSH TOP & BOTTOM CAPS OPTIONAL



2 CLOSER REINFORCEMENT (OPTIONAL)

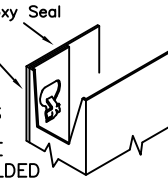
14 GAGE STEEL CHANNEL 20"



3 VERTICAL EDGES

Hairline Seam Epoxy Seal
 MECHANICALLY INTERLOCKED HEMMED EDGES

ALSO AVAILABLE SEAMLESS (WELDED OR BODY FILLER)

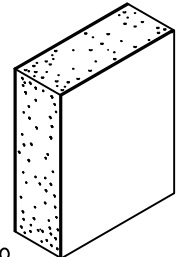


4 CORE

1 LB DENSITY POLYSTYRENE CORE

BONDED TO INSIDE OF BOTH FACE SHEETS

CONFORMS TO ASTM C578, TYPE 1

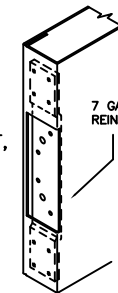


5 HINGE PREPARATION

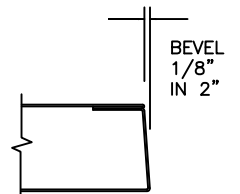
4-1/2 OR 5 IN. HIGH, STANDARD OR HEAVY WEIGHT, FULL MORTISE HINGES

ANSI A156.7 TEMPLATE

HANDED



6 LOCK EDGE



LOCK PREPARATION GOV. 86, ANSI/BHMA A115.1 MORTISE TYPE

(LM2)

NOTE: EITHER OF THE LOCK REINFORCEMENTS/GUARDS SHOWN MAY BE INSTALLED WITH 8200 SERIES MORTISE LOCK WITH LATCH BOLT, DEAD BOLT & LS ESCUTCHEON

