NOTE
DETAIL BASED UPON DESIGN LOGIC OF THERMALSAFE ASTM E119
90 MINUTE RATING. PROJECT SPECIFIC APPROVAL MAY BE REQUIRED.

THERMALSAFE
COMMERCIAL & INDUSTRIAL

CEILING / HIGH WALL DETAIL

1/2" DIAMETER HANGER ROD @ 5'-0" O.C. MAX.
(NOT BY METL-SPAN)

1" FIBERGLASS INSULATION SLEEVE OPTIONAL
(NOT BY METL-SPAN)

SILICONE SEALANT [7101SWH]

1/4-14x 7/8" HWH
TYPE I SELF DRILLING SCREW @ 8" O.C. [4A]

1/2" WEAHER & NUT
(NOT BY METL-SPAN)

TURN BUCKLE
(NOT BY METL-SPAN)

SILICONE SEALANT
UNDER WASHER [7101SWH]

SILICONE SEALANT IN TOP PANEL JOINT [7101SWH]

MINIMUM 6" THICK THERMAL SAFE CEILING PANELS

CEILING TRIM

5/8" MAX JOINT SPACE

SUPPORT ANGLE
(3' x 3 1/2" x 12 GAUGE MINIMUM GALVANIZED
(OR TO BE DESIGNED TO MEET CEILING LOADS)

#12x 1" HWH TYPE III
@ 12" O.C. [17]

#12x 1" HWH TYPE III
@ 12" O.C. [17]

FILLER INSULATION
(6 PCF X 1 1/2" THICK MIN. CERAMIC FIBER)
(NOT BY METL-SPAN)

FIRE RESISTANCE RATED WALL
(THERMALSAFE WALL PANEL SHOWN)

1/2" DIA. CARRIAGE BOLT
THROUGH FIELD DRILLED
HOLE IN PANEL AND SUPPORT ANGLE
(NOT BY METL-SPAN)

SILICONE SEALANT
(IF REQUIRED IN BOTTOM PANEL JOINT)

FASTEN PANEL JOINT
WITH 1/8" DIAMETER RIVETS @ 36" O.C.

SEALANT TAPE [7300BGR] (IF REQUIRED)

1/4-14x 7/8" HWH
TYPE I SELF DRILLING SCREW @ 8" O.C. [4A]

SEALANT TAPE [7300BGR] (IF REQUIRED)

12'-0" MAXIMUM TO NEXT CEILING SUPPORT

CEILING TRIM

1/4-14x 7/8" HWH
TYPE I SELF DRILLING SCREW @ 8" O.C. [4A]

SEALANT TAPE [7300BGR] (IF REQUIRED)

TSW-CG-02
DATE: 06-08-2017