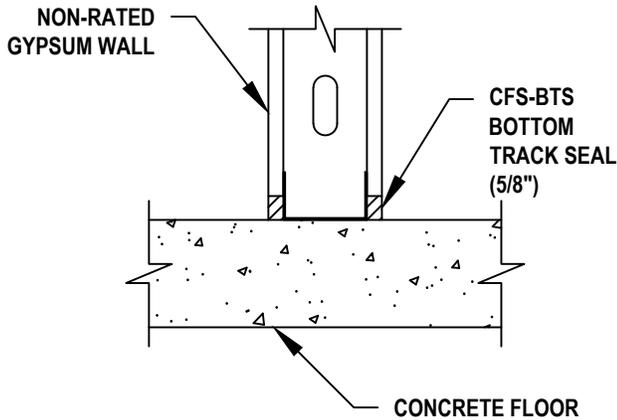


# JOINT SYSTEM DETAIL FOR NON FIRE-RATED SMOKE PARTITIONS (EXAMPLES)

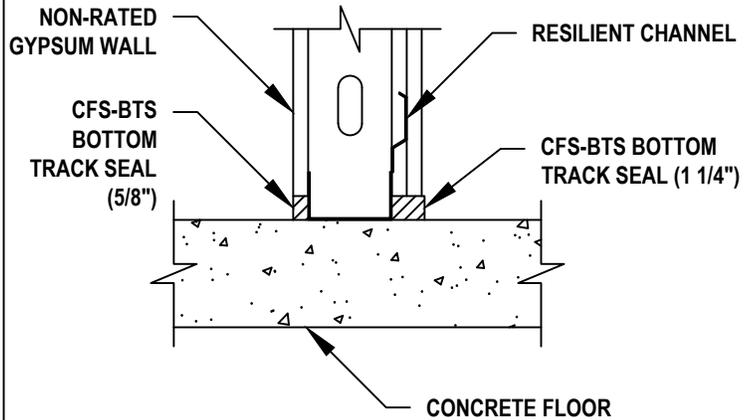
HILTI CFS-BTS BOTTOM TRACK SEAL ADHERED TO STEEL RUNNER(S) PRIOR TO INSTALLATION OF GYPSUM IN ACCORDANCE WITH THE ACCOMPANYING INSTALLATION INSTRUCTIONS.

J-CFS-BTS BOTTOM TRACK SEAL-1a-090823

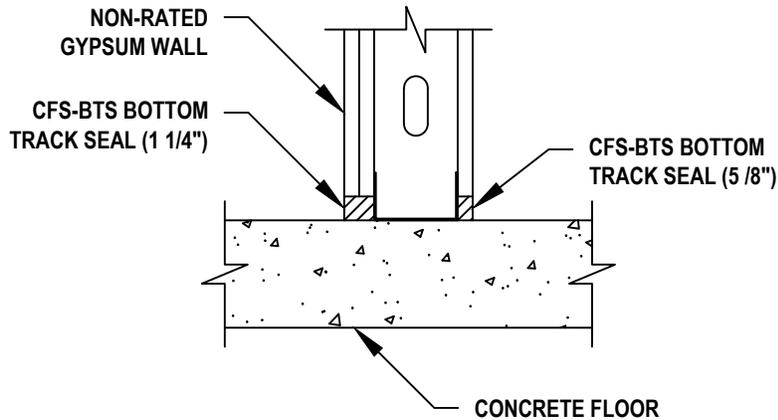
## STANDARD GYPSUM PARTITION



## RESILIENT CHANNEL PARTITION



## UNBALANCED GYPSUM PARTITION



### LIMITATIONS :

- HILTI CFS-BTS BOTTOM TRACK SEAL MAY BE INSTALLED WHERE IT IS NECESSARY TO RESTRICT SMOKE MIGRATION THROUGH NON FIRE-RATED ASSEMBLIES.
- APPLICATIONS SHOWN ABOVE DO NOT DEPICT ALL REQUIREMENTS FOR RATED WALL ASSEMBLIES. FOR RATED WALL ASSEMBLIES, THE APPROPRIATE UL/cUL LISTED SYSTEM MUST BE FOLLOWED.
- REFER TO PRODUCT LITERATURE FOR COMPLETE DETAILS ON INSTALLATION, SUITABLE APPLICATIONS, AND LIMITATIONS.
- FOR APPLICATIONS THAT DO NOT MEET THE CONDITIONS ABOVE, CONTACT HILTI TECHNICAL SUPPORT.
- THESE DETAILS REPRESENT GENERAL INSTALLATION GUIDELINES TO SATISFY SMOKE PARTITION SEALING REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (2009, 2012, 2015, 2018, OR 2021). OBTAIN AUTHORITY HAVING JURISDICTION APPROVAL PRIOR TO INSTALLATION.
- NOMINAL JOINT WIDTH RANGE = 1/4" TO 3/4."
- AT FIELD SPLICE LOCATIONS, MINIMUM 1/2" COMPRESSION SHALL BE MAINTAINED BY COMPRESSING EACH SIDE EVENLY.



HILTI, Inc.  
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Sheet	1 of 1
Scale	7/64" = 1"
Date	Sep. 08, 2023

Drawing No.

J-CFS-BTS-1a

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