

Head of Wall Fire Joint
Bulletins will address:

I - What is a "Head of Wall" fire joint & why do we need it.

II - Types of UL Assemblies.

III - How to read a Head of Wall & what to look for – Typical Wall & Shaft Wall.

IV - Engineering Judgments and 3rd Party Verification – How to read an EJ.

V - Deflection calculations & Compression limitations

VI - Mineral Wool Installation

VII - Concerns with the different types of fire stopping materials – Spray, Sealant, Mechanical



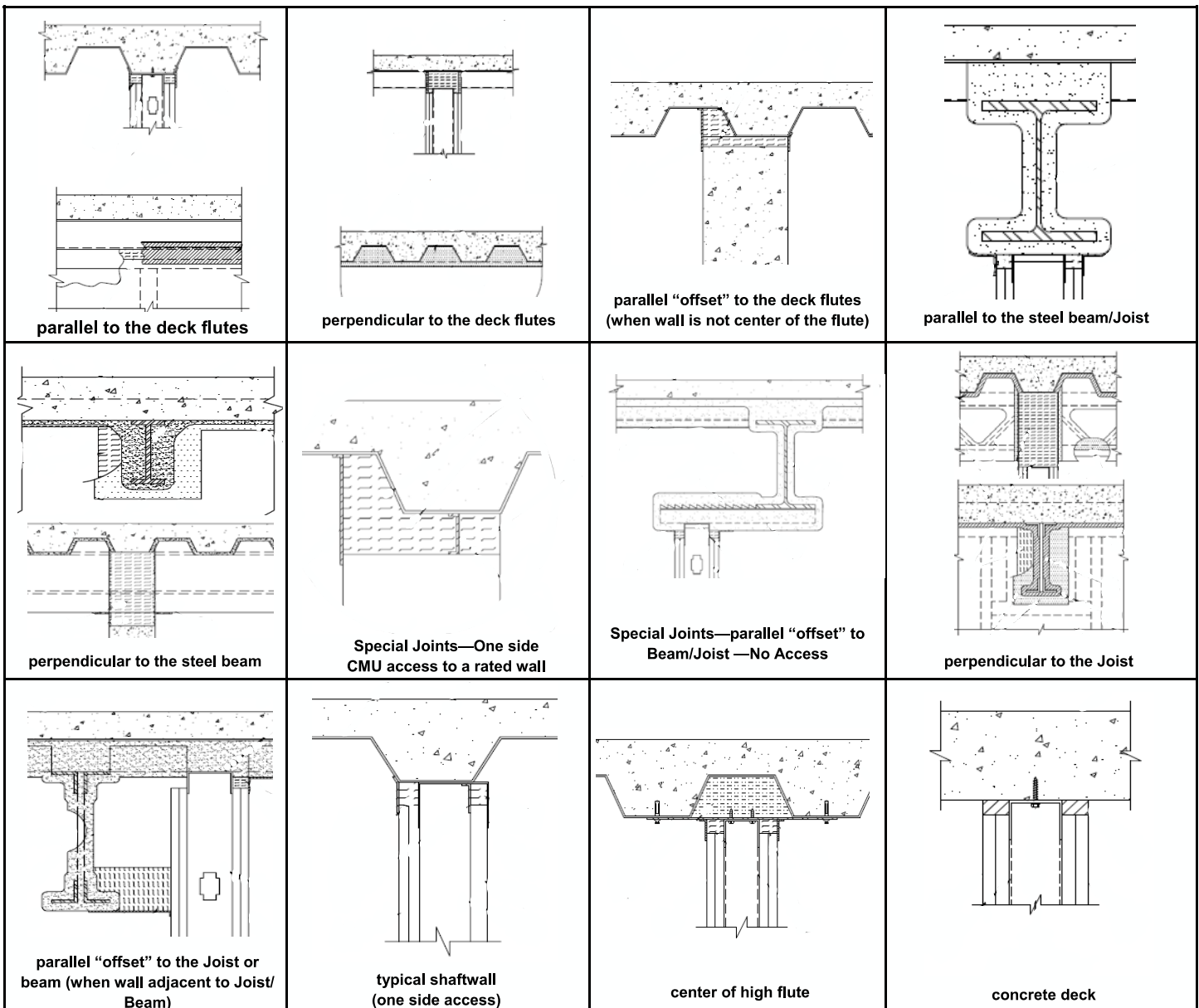
The last bulletin discussed the reasons behind the requirement for a head-of-wall fire joint. This bulletin will discuss the different types of joints needed for wall system(s). As you know, each one of our buildings is the first time the building has been constructed...so each wall condition has its own unique details that must be tested for compliance with this type of dynamic joint. Most fire stopping companies have tested each wall type with these different types of conditions and we should make sure that each condition is properly submitted. The following bulletin will briefly describe the most common types of conditions.

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- Head-of-Wall fire joints are needed for each wall type and head condition. Each condition needs a tested joint system which identifies each condition and installation instructions.
- Different wall types include a typical rated partition, shaft partition, and CMU wall. Each one of these partitions will have different head-of-wall construction joints, depending on the construction of the floor or wall.

The following is a list of different head-of-wall construction joints that could be needed for each partition type (your project & partition type will vary):

(Note that these examples are from UL Assemblies and are only a representative diagram of the UL Assembly types—each wall type (drywall, shaftwall, & CMU) are similar)



The next technical Bulletin will discuss how to read a UL tested Head-of-wall assembly and what to specifically review.