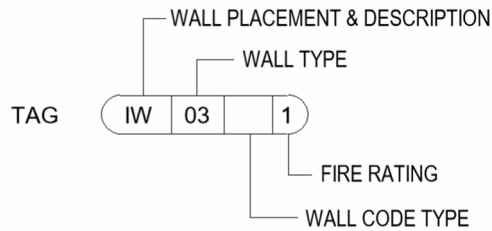# REVIT WALLS & WALL TAGS

NAME: IW_03_1 (1GB_6_1GB)
COMMENT: INT WD
ASSEMBLY: UL U305
DESCRIPTION: TYPICAL 2x6 INTERIOR WALL
1-HR RATED

PREFIXES

Wall types in ORB are generally divided in two types: Interior Walls (IW) and Exterior Walls (EW). There are two big exceptions: concrete walls (CW) and Concrete Unit Block walls (UW), which can be used without differentiation between interior and exterior applications. These four categories are represented by prefixes on the standard assemblies used in ORB as part of their naming convention.

WALLS APPLICATION CODE SUMMARY:

- EW - Exterior Wood Wall
- EM - Exterior Metal Wall
- IW - Interior Wood Wall
- IM - Interior Metal Wall
- CW - Concrete Wall
- UW - CMU Wall
- FW- Furring Wood Wall
- FM- Furring Metal Wall

REVIT WALLS & WALL TAGS

ASSEMBLIES NUMBER CODE

All the typical assemblies utilized at the office are given an **Wall Type Code**, which is also incorporated into the walls name. It's important that these numbers are never changed in order, as they correspond to a detail assembly and a wall assembly in Revit. The only acceptable deviation from this standard is replacing the assembly itself for an equivalent in use.

Wall Type Code (Parameter)

Typical assemblies in ORB are given a code number and is incorporated into the wall name. This number must never be changed because it also corresponds to the assembly number in our wall assembly sheets and details. Should you have a different assembly that is not present in our standards, you will need to contact management to determine the new number.

Example: A client ask that the corridor assembly is replaced by more cost-effective tested assembly. In this case you may alter the standard corridor assembly and detail to show the clients provided tested assembly.

However, it would not be appropriate to renumber, rename, or change the wall use in the project and assign it a new number, since the numbers on the walls are associated to a specific function in the project. In this case the corridor wall can only be replaced by another assembly intended to be used as a corridor wall. When adding a project specific wall coordinate with your BIM manager to find out what numbers are available or unused. This will help avoid incorrect cross referencing of assemblies.

WALL CODE

The wall code is set by an instance parameter that identifies what type of protection the construction is providing. These are set by the LIFE SAFETY – WALL RATING LEGEND PARAMETER in Revit, please refer to the Life Safety – Wall Codes manual for more in debt explanation of the protection types. This parameter is not part of the intrinsic wall naming convention but will show on wall tags in a project as it's set through.

REVIT WALLS & WALL TAGS

Wall Code Summary:

- SB - Smoke Barrier
- FP - Fire Partition
- FB - Fire Barrier
- FW- Fire Wall
- EX - Exterior Wall

FIRE RATING

The fire rating of a wall type is set by the Tested assembly that is representing. *This parameter is a Type Parameter, modifying it will result in all walls of the same name being affect by the change.* In Revit there will be walls of the same assembly number code but won't share the same rating. This indicates that the wall is of the same construction, but is not required to be rated, this in turn will result in the wall code to be different from one another.