LIFE SAFETY WALL CODES

*SET THE CORRESPONDING FIRE PROTECTION ON THE *LIFE SAFETY – WALL RATING LEGEND PARAMETER* TO AUTOMATICALY FILL THE PARAMETERS AND TABLES THAT REPRESENT THE CORRECT PROTECTION TYPE.

WALL CODES

1 HOUR PARTITIONS

- **UNIT 1-HR FIRE PARTITION - CORRIDOR WALL PER IBC 708**
  - Select a wall that contains "Corridor" in its name.
  - In the interior links fill set the *Type Code* parameter to **"FP "**
  - Color Magenta

- **UNIT 1-HR FIRE PARTITION - SEPARATION WALL PER IBC 420.2**
  - Select a wall that contains "Unit Separation" in its name.
  - In the interior links set the parameter *Type Code* to **"FP"**
  - Color RGB 255-128-064

- **UNIT 1-HR FIRE PARTITION - INTERIOR BEARING WALL PER IBC 601**
  - Select the IW_03_1 wall type.
  - Set the *Type Code* parameter to **"FP"**
  - Set the *Comments* parameter to **"BEARING"**
  - Color RGB 106-109-234
  - For walls that are bearing on 3rd floor also
  - Mark - 3RD

SET OUT CONSTRUCTION

- **SET OUT CONSTRUCTION**
  - Use an Interior Metal wall (Prefixed as IM-)
  - Set the instance parameter *Comments* to **"Set Out"**
  - Wall rating is 0 // Non-Rated wall
  - Color Green

LIFE SAFETY WALL CODES

*SET THE CORRESPONDING FIRE PROTECTION ON THE *LIFE SAFETY – WALL RATING LEGEND PARAMETER* TO AUTOMATICALY FILL THE PARAMETERS AND TABLES THAT REPRESENT THE CORRECT PROTECTION TYPE.
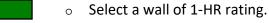
FIRE PARTITIONS

- **COMMONS FIRE PARTITION - 1-HR PER IBC 420.2 / 708**
  - For the commons walls around storage or similar that need to be rated partitions make walls 1-HR.
    - Set the *Comments* parameter to **"Commons FP"**
    - Color Yellow
  - For the garage walls in TH units choose a 1-HR wall.
    - Set the *Comments* parameter to **"Garage FP"**
    - Change filter in the template to read **"Garage FP"**
  - Set the *Type Code* parameter to **"FP"**

FIRE BARRIERS

- **COMMONS FIRE BARRIER - 1-HR PER IBC 707**
  - Use a proper Revit wall for the location it's being used.
  - 1-HR Rated wall
  - Set the instance parameter *Type Code* to **"FB "**
  - Color RGB 255-128-192

- **COMMONS FIRE BARRIER - 1-HR PER IBC 707**

  TRASH ROOM, OCCUPANCY SEPARATION

  - Select a wall of 1-HR rating.
  - Set the *Comments* parameter to **"Commons FB"**
  - Set the *Type Code* parameter to "**FB"**
  - Color RGB 0-128-0

LIFE SAFETY WALL CODES

*SET THE CORRESPONDING FIRE PROTECTION ON THE *LIFE SAFETY – WALL RATING LEGEND PARAMETER* TO AUTOMATICALY FILL THE PARAMETERS AND TABLES THAT REPRESENT THE CORRECT PROTECTION TYPE.

- **COMMONS FIRE BARRIER - 2-HR PER IBC 707 (STAIRS, ELEVATORS, SHAFTS, TRASH TERMINATION)**
  - Set the Type Code instance parameter to **"FB"**
  - CMU or Concrete Walls to be 2-HR rating
  - For **Stud walls** holding shaft set the *Comments parameter* **"Shaft"**
  - Color Red

- **COMMONS FIRE BARRIER - 3-HR PER IBC 707 (VERTICAL PODIUM STEP)**
  - Select a 3-HR rated wall type.
  - Set the Type Code parameter to **"FB"**
  - Color RGB 160-119-63

- **COMMONS SMOKE BARRIER - 1-HR PER IBC 709**
  - Use a proper Revit wall for the location it's being used.
  - 1-HR Rated wall
  - Set the instance parameter *Type Code* to **"SB"**
  - Color RGB 241-183-046

FIRE WALLS

- **COMMONS FIRE WALL - 2-HR PER 706 (FOR SHAFT WALLS)**
  - Do a Fill Region called "2-HR Fire Wall"
  - Solid Fill
  - Color light grey RGB 150-150-150

- **COMMONS FIRE WALL - 2-HR PER 706**
  - Select a 2-HR rated wall type.
  - Set the *Type Code* parameter to **"FW"**
  - Color light grey RGB 150-150-150

LIFE SAFETY WALL CODES

*SET THE CORRESPONDING FIRE PROTECTION ON THE *LIFE SAFETY – WALL RATING LEGEND PARAMETER* TO AUTOMATICALY FILL THE PARAMETERS AND TABLES THAT REPRESENT THE CORRECT PROTECTION TYPE.

- **COMMONS FIRE WALL - 3-HR PER 706**
  - o Do a Fill Region called "3-HR Fire Wall"
  - o Solid Fill
  - o Color Black

EXTERIOR WALLS

- **EXTERIOR WALL - 1-HR PER IBC 601**
  - o Set the *Type Code* parameter to **"EX"**
  - o Color RGB 022-220-231

- **EXTERIOR WALL - 2-HR PER IBC 601**
  - o Set the *Type Code* parameter to **"EX"**
  - o Color RGB 154-048-099

- **GARAGE WRAP PROJECT EXTERIOR WALL - 1-HR AND 2-HR PER 601 & 705.3**
  - o Select a 2-HR rated wall type for the garage side.
    - ▪ Set the Type Code Parameter to "EX"
    - ▪ Set the Comments Parameter to "Wrap Project"
  - o Select a 1-HR rated wall type for the Main Building side.
    - ▪ Set the Type Code Parameter to "EX"
    - ▪ Set the Comments Parameter to "Wrap Project"