

Banner Hanging Guide

Inside the exhibition building

EH 98-106



Objective :

1

To control and inspect banners hanging within the exhibition building to ensure compliance with regulations and safety principles.

2

To be used as a guideline for event organizers or contractors to plan production and correctly prepare equipment for hanging banners under the installation

3

To reduce the problem of banner swinging caused by hanging the banner incorrectly and in an inappropriate position.

Requirements for hanging banner signs inside the exhibition building

5. Before installation or after demolition, The organizer and/or contractor of the organizer must participate in the inspection. Receive and deliver the Catwalk area together with the event venue in the event that damage is detected on the walkway floor, walkway railing, or hanging structure. After demolition, the organizer must pay damages at the rate specified by BITEC's Building and Grounds Department.
6. Hanging of signs is permitted only in designated hanging areas. And the installation method must be safe. If the organizer installs outside of the designated location without permission, it will be dismantled immediately, and the organizer will be responsible for the cost of such dismantling.
7. The catwalk area is allowed to be used only for preparing to install or temporarily place some equipment related to hanging or installing signs during installation. Various equipment must be brought down from the catwalk immediately after the sign installation is completed to prevent accidents during the show day. Do not place things. Equipment must not be left in the catwalk area.
8. After demolition, organizer or contractor Materials must be stored in cleaning equipment and returned to the area in good condition. Do not throw away scrap materials. or garbage is strictly prohibited in the area. If BITEC detects any remaining materials or equipment, the organizer or contractor must be responsible for collecting them properly. If you do not proceed as notified, BITEC will store it, and the organizer will be responsible for the cost of such storage.

Regulations for hanging the banners inside exhibition buildings.

1. Organizer or contractor Must request permission to hang banners. I am ready to send a plan showing details for hanging, including weight, position, number of turning points, hanging methods, and riding equipment or other components of the sign, to BITEC for inspection and consideration before installation at least 15 days before the installation date.
2. BITEC will notify you of the inspection results or confirmation within 24 hours (3 days) from the date you receive the sign design with complete details.
3. BITEC reserves the right to cancel or move the banner installation location. Advertising media without permission Or notifying in advance if it is found that the sign design or the specified site for installing the banner does not meet the requirements.
4. Before entering the area, The organizer or contractor must be inspected by the building and premises department of BITEC. First, You must present your name and name to exchange the card at the Buildings and Grounds Department. (PROP) If they have yet to receive permission from BITEC, Organizers or contractors will be able to enter the area. To hang banner signs.

Details of hanging banners inside the exhibition building

1. Hang the sign with a strong nylon rope. Supports weight well by using a cloth to keep the hanging point where you want to tie the rope. To prevent friction and prevent damage to the structure. Do not use the string that is damaged, torn, or has joints.
2. Hang the Banner by holding the top at 3 points to reduce swinging and solve the problem of wrinkled flags.
3. Weight the Banner by stringing a galvanized steel pipe (Galvanized Steel Pipe) size from 1 ½" and up, inserting it under the bottom of the Banner (Galvanized pipe, plumbing grade Schedule 40, weights 4 kg/m when stringing a 3 x 6 banner. m. will weight approximately 12 kg on the banner).
4. Hang the sign diagonally. Diagonally outward: To reduce the sway of the banner because if it is hung upright, a wind blowing will cause it to sway back and forth in a pendulum-like manner.
5. To prevent hanging signs from obscuring the Beam Smoke Detector line of the fire protection system. Each building has a Beam Smoke Detector positioned at a different height from the floor level of the exhibition building. The banner hanging on each building must be consistent with the building's height.

Regulations for hanging banners inside exhibition buildings

9. For safety and protection of damaged areas. Misuse of space, Including reducing problems after installing the sign. Organizer or contractor: You should strictly follow the following rules or prohibitions.

- 1) Workers must dress tightly. Wear a seat belt. Wear a safety helmet, and do not wear sandals while working
- 2) Workers must not be intoxicated or have a fever
- 3) Workers must maintain cleanliness. And consider safety, be careful, careful, and check for neatness and strength after installing or hanging banners.
- 4) Only hang the banner in the structure or hanging point designated by BITEC. Do not tie, fasten, or link the banner to other equipment or systems.
- 5) Avoid tying to catwalk railings, which need to be stronger.
- 6) Avoid hanging around the air conditioner head. To prevent the banner from swinging or causing damage to various equipment.
- 7) Avoid hanging or tying signs. Near the area of lamps, signal boxes, CCTV cameras, and all types of equipment.
- 8) Do not hang signs in a location that obscures emergency exit signs, safety signs and signs for various facilities.
- 9) Do not hang signs to obscure the Beam Smoke Detector (fire protection system).
- 10) All types of food and drinks are prohibited from being eaten on the catwalk.
- 11) Remember to place things. Never leave scraps or trash in the area.

Details of hanging banners inside the exhibition building

1) EH98-100 Beam Smoke Detector is at an altitude of +15.00 meters from ground level.

- The banner should be hung so that the top level of the sign is at least 1.00 meters below the status of the Beam Smoke Detector.
- Banners should be hung at the lowest level. At least 8.00 meters above ground level, and the top level of the banner must not be higher than 14.00 meters from ground level.
- Because EH100 has a higher height from the floor to the hanging point than other buildings. Hanging the banner at a distance of 1 catwalk will create a slight angle. Therefore, the weight cannot be distributed enough to resist the force of the wind. In practice, the horizontal hanging distance should be increased from 1 catwalk distance to 2 - 3 catwalk distances or a distance of 9 - 18 meters horizontally to increase the oblique angle.
- The maximum size of the banner vertically should not exceed 6.00 meters.

2) EH101-104 Beam Smoke Detector line is at an altitude of +13.00 meters from ground level.

- The banner should be hung so that the top level of the sign is at least 1.00 meters below the status of the Beam Smoke Detector.
- Banners should be hung at the lowest level. At least 7 meters above ground level, the banner's top level must not be higher than 12.00 meters from ground level.
- The maximum vertical banner size should not exceed 5.50 meters.

Details of hanging banners inside the exhibition building

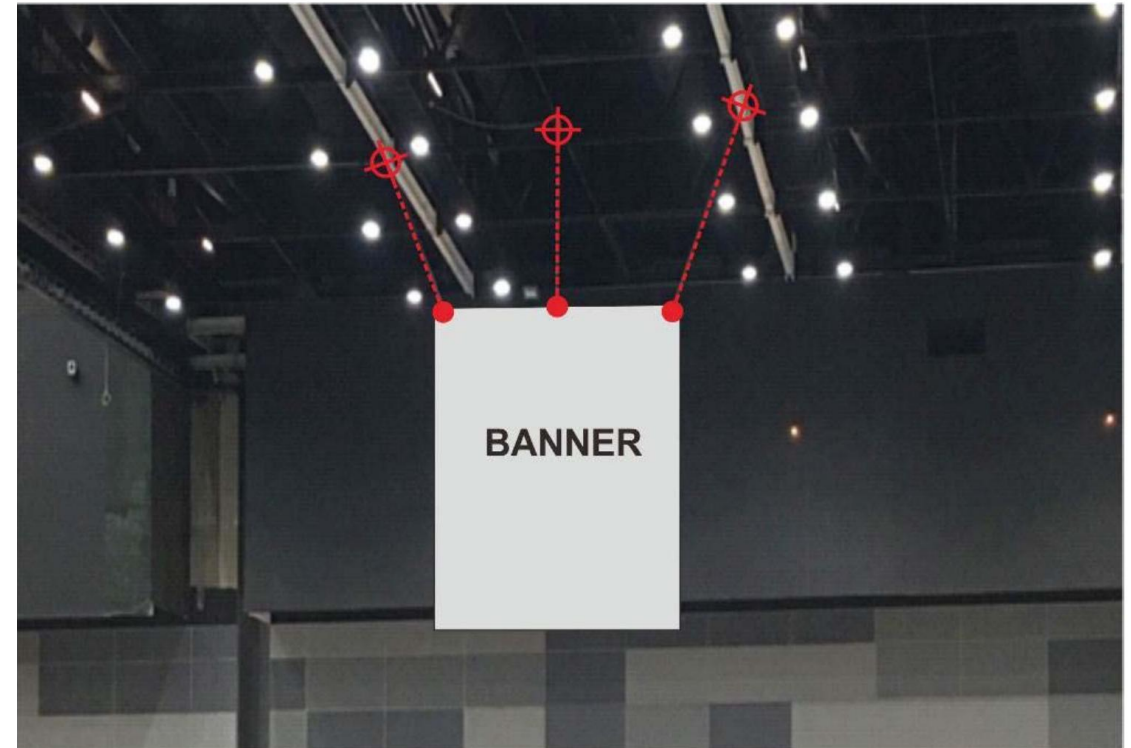
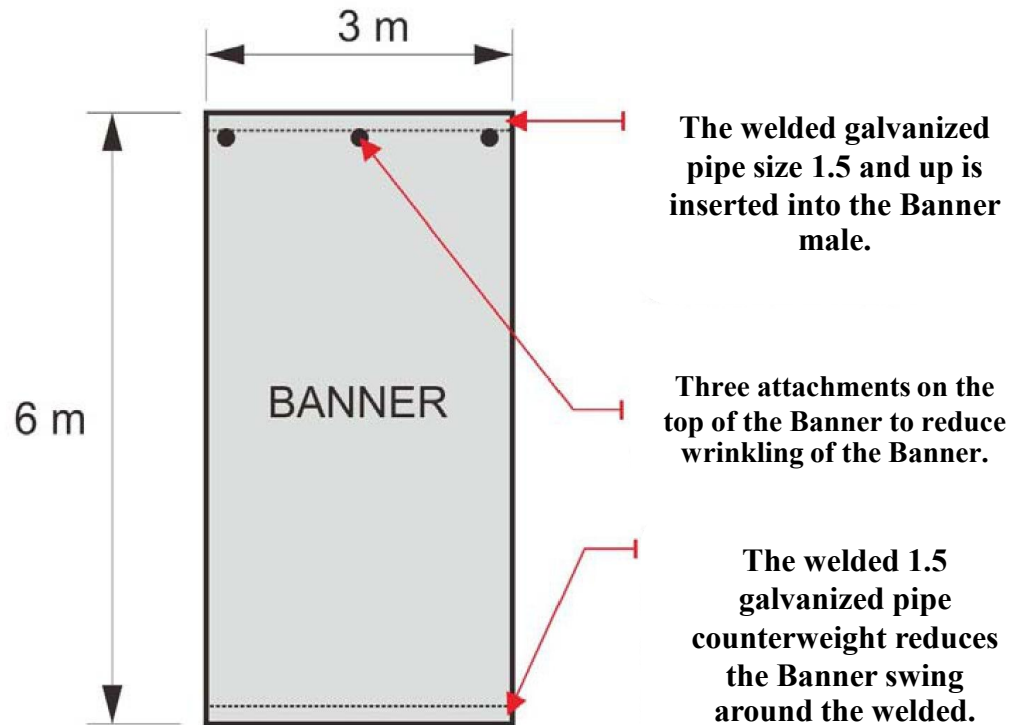
3) EH105 Beam Smoke Detector is at an altitude of +9.50 meters from ground level.

- The banner should be hung so that the top level of the sign is at least 1.00 meters below the status of the Beam Smoke Detector.
- Banners should be hung at the lowest level. At least 6.00 meters above ground level, and the top level of the banner must not be higher than 8.50 meters from ground level.
- The maximum size of the banner vertically should not exceed 2.50 metres.

4) EH106 Beam Smoke Detector is at an altitude of +10.50 meters from ground level.

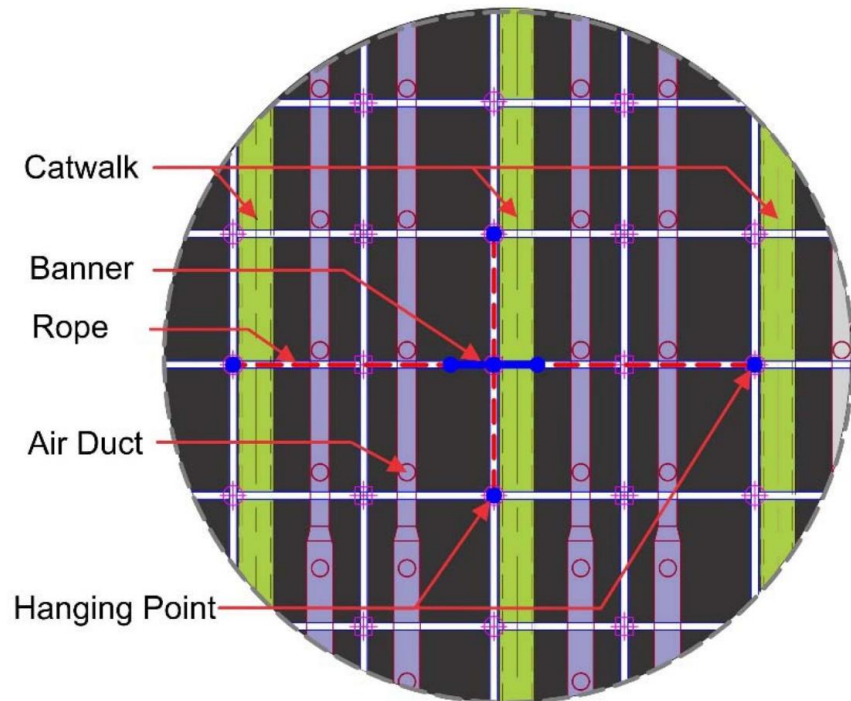
- The banner should be hung so that the top level of the sign is at least 1.00 meters below the status of the Beam Smoke Detector.
- Banners should be hung at the lowest level. At least 6.00 meters above ground level, and the top level of the banner must not be higher than 9.50 meters from ground level.
- The maximum vertical banner size should not exceed 3.50 meters.

Sample image showing details of a 3x6 meter banner.

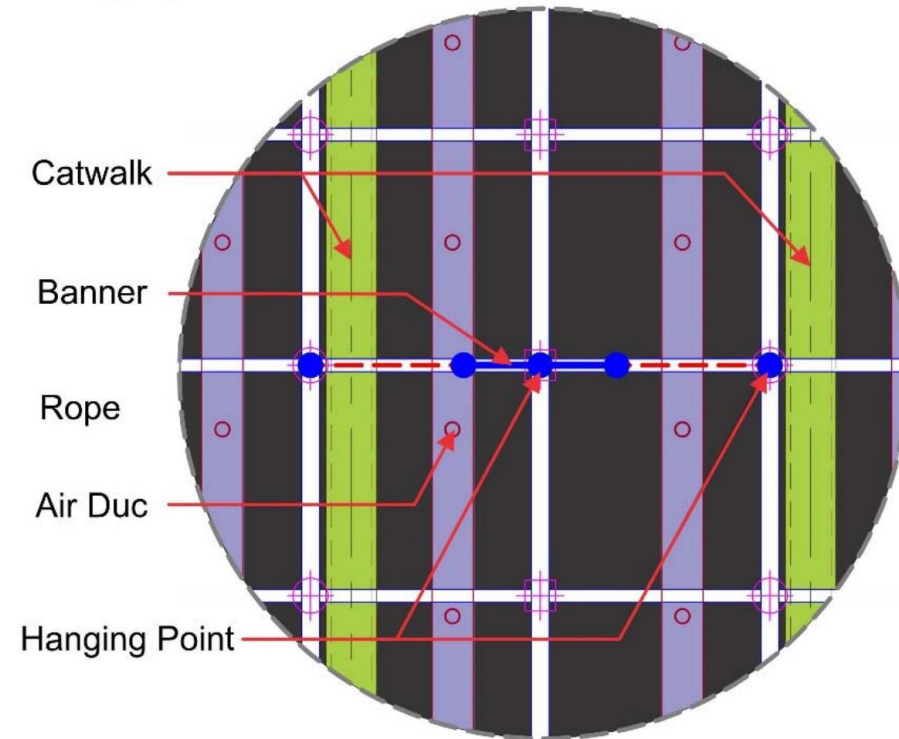


The diagram shows the details of determining the hanging point for a 3x6 meter banner.

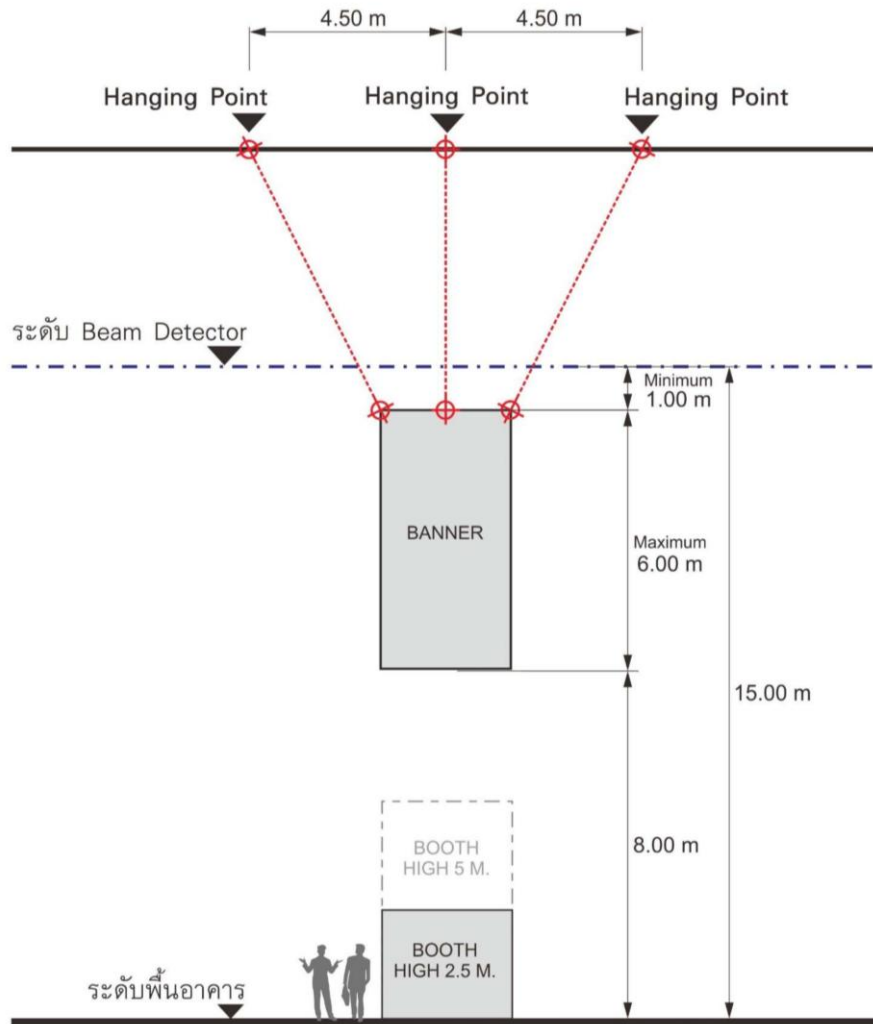
Hanging Banner Detail : EH100



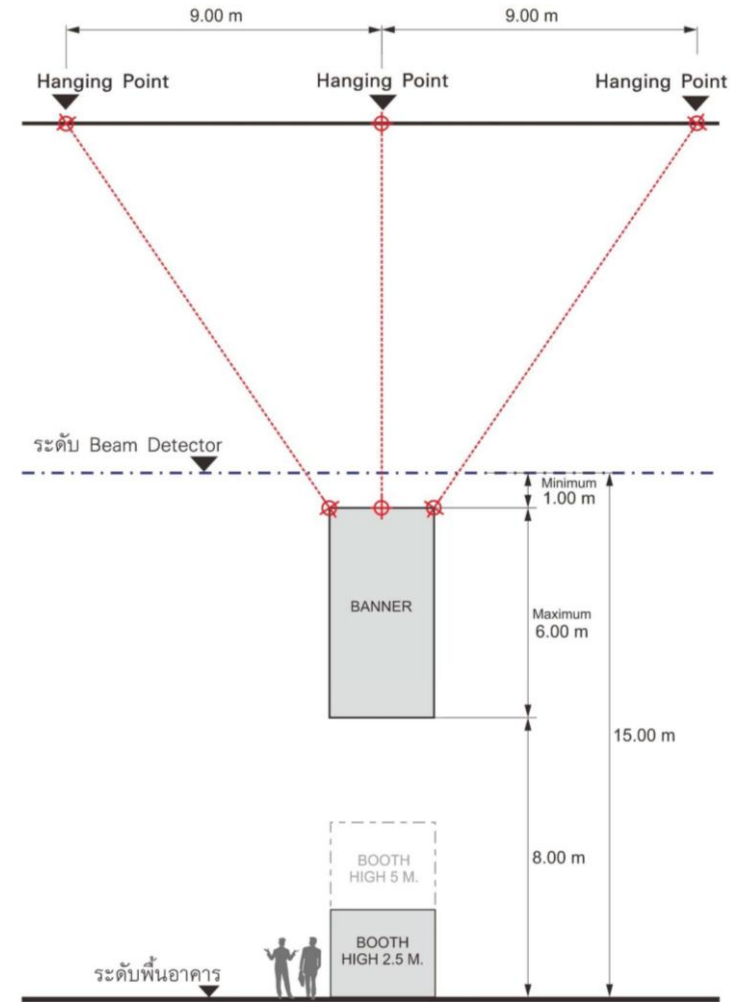
Hanging Banner Detail : EH98-99



Detailed drawing for hanging banners inside the building EH98-99

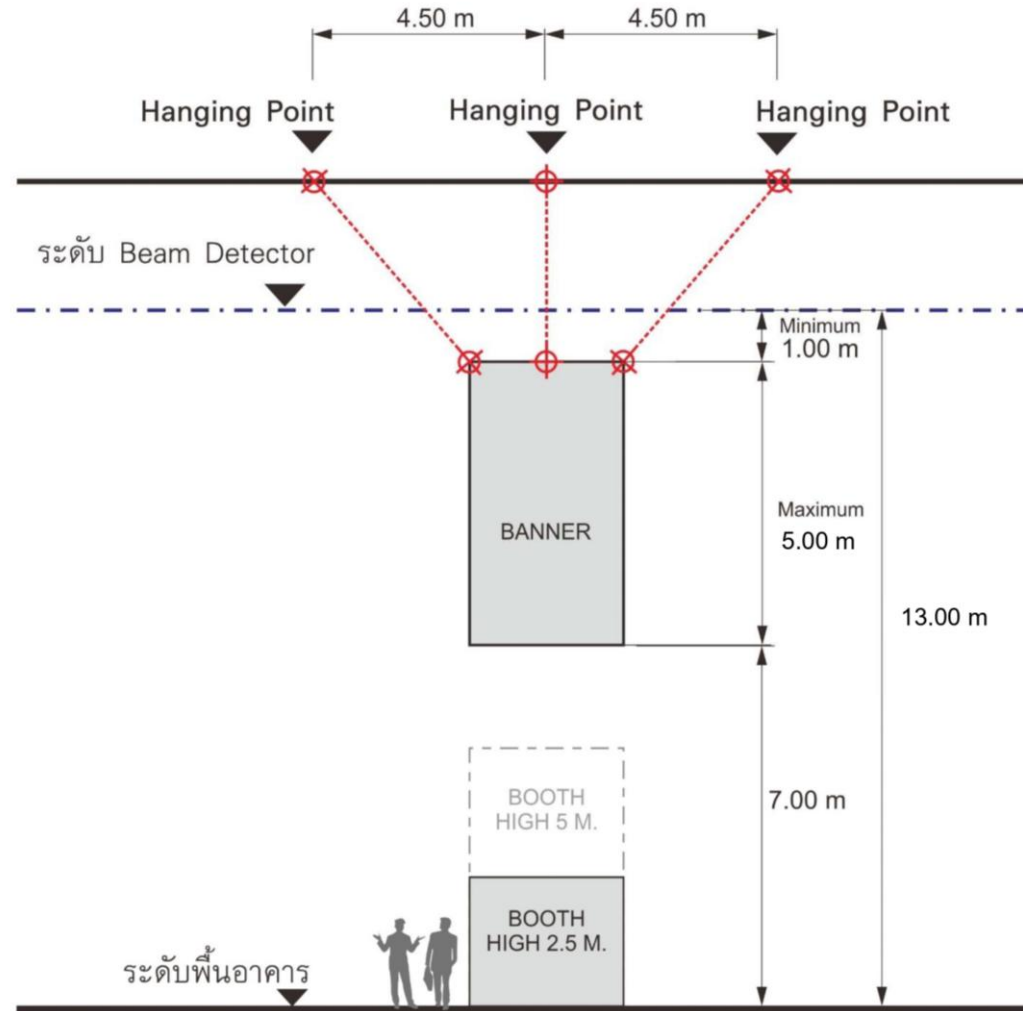


Detailed drawing for hanging banners inside the building EH100



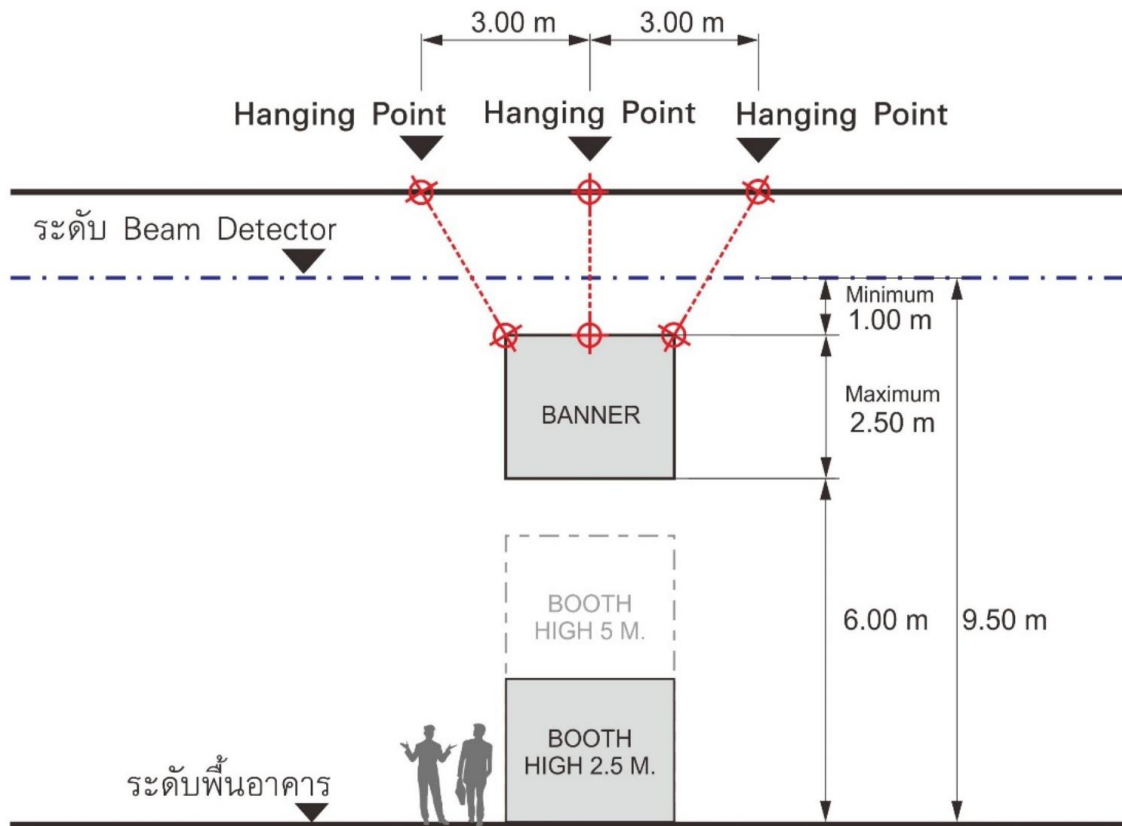
Detailed model for hanging banner signs

Inside EH101-104

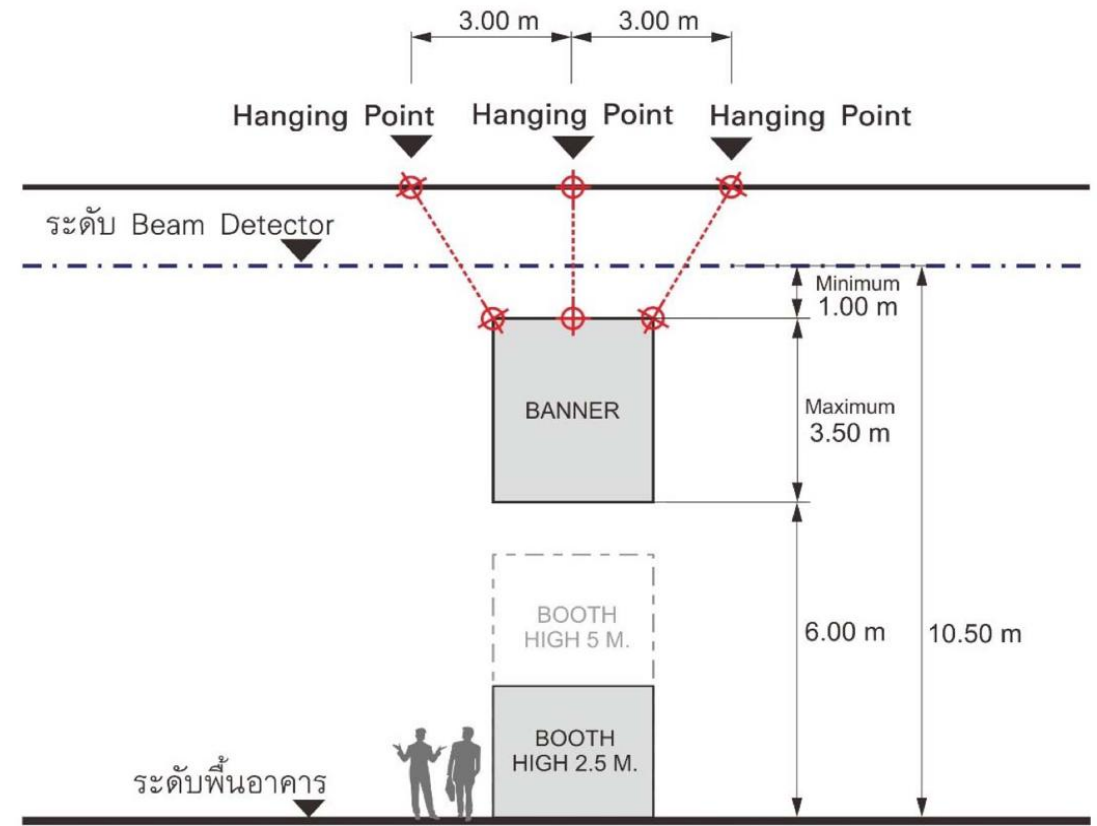


Detailed model for hanging banner signs

Inside EH105



Inside EH106



A cutout showing the hanging of a banner inside the EH98-99 building.

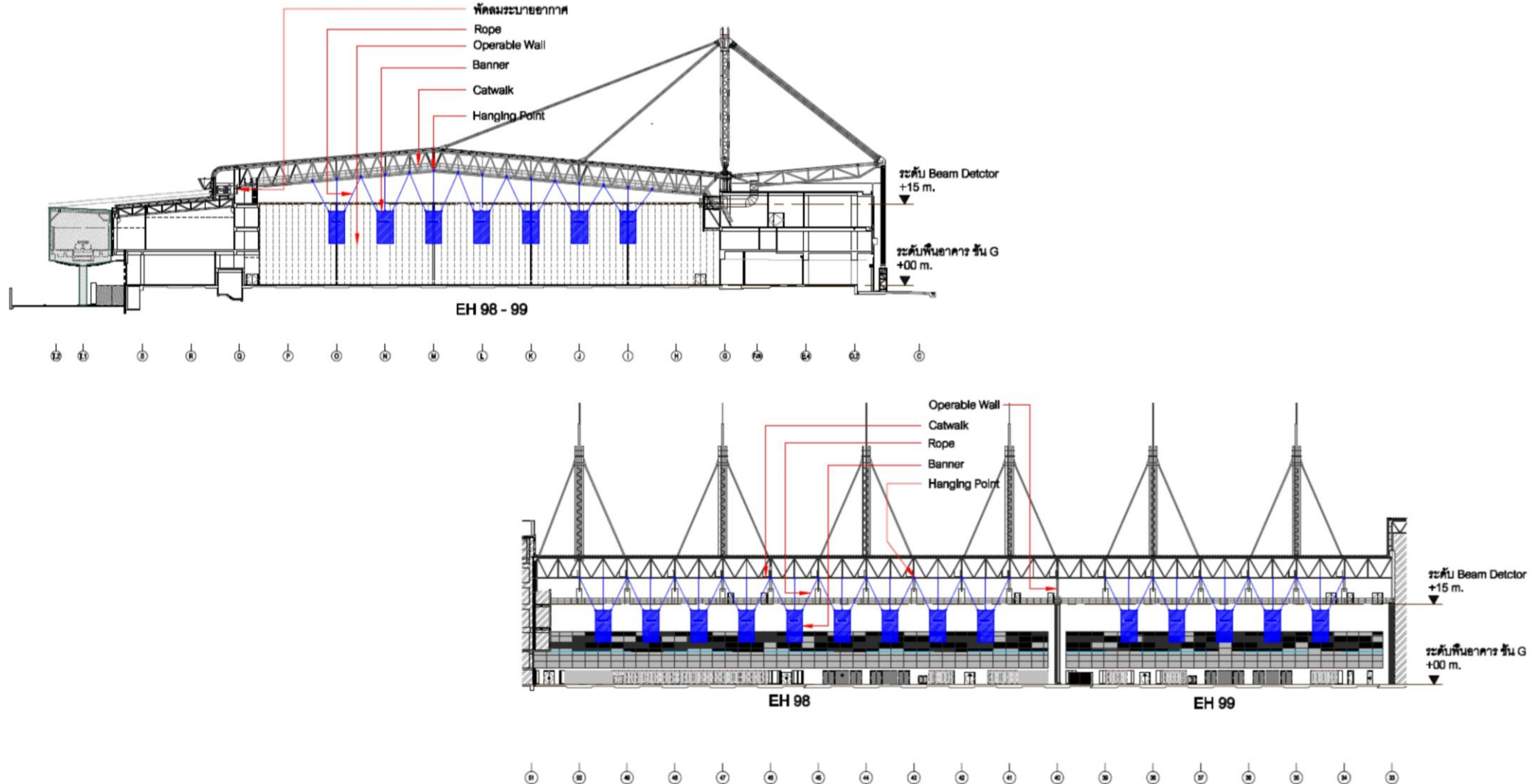


Diagram showing the EH100 banner hanging location

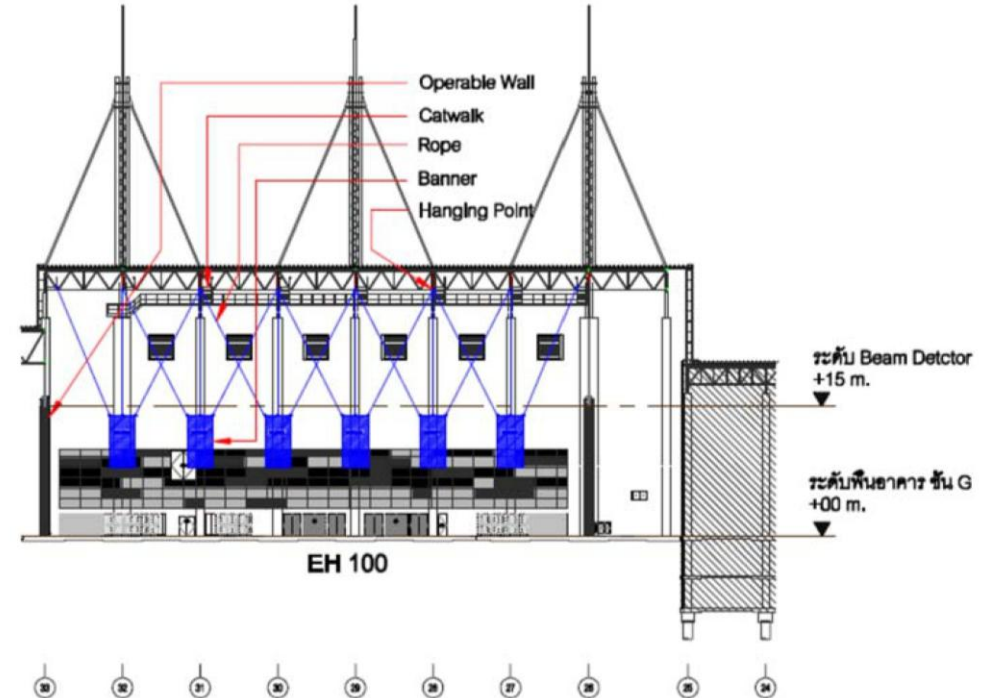
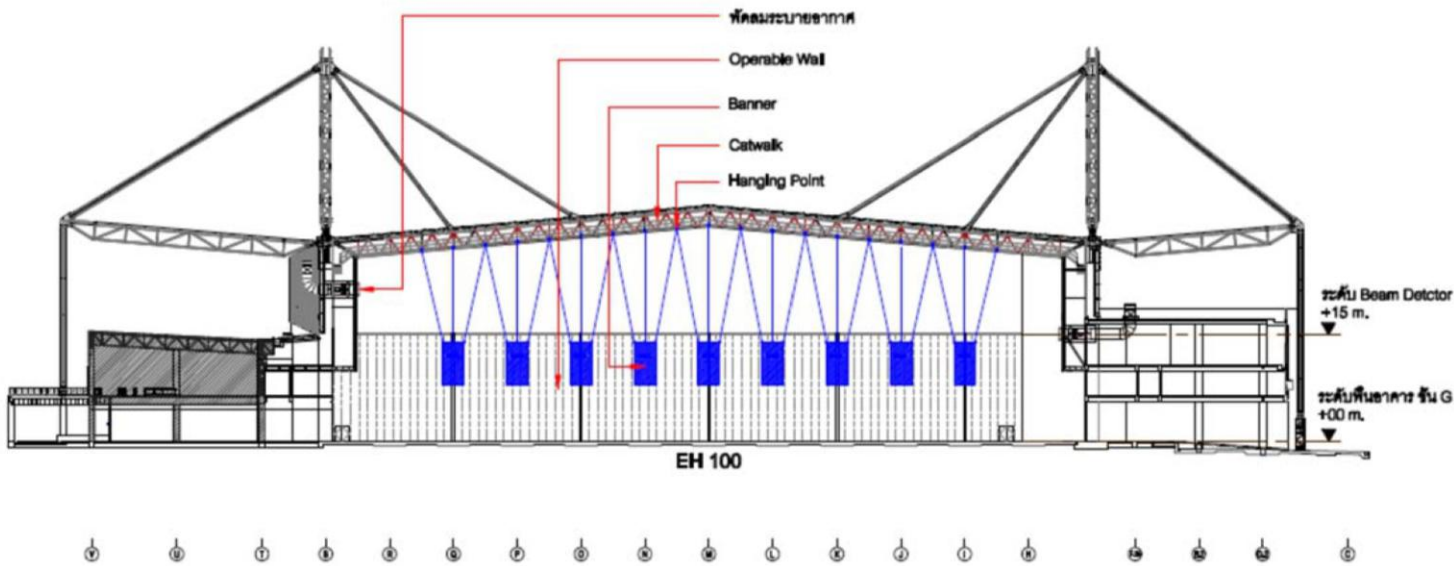
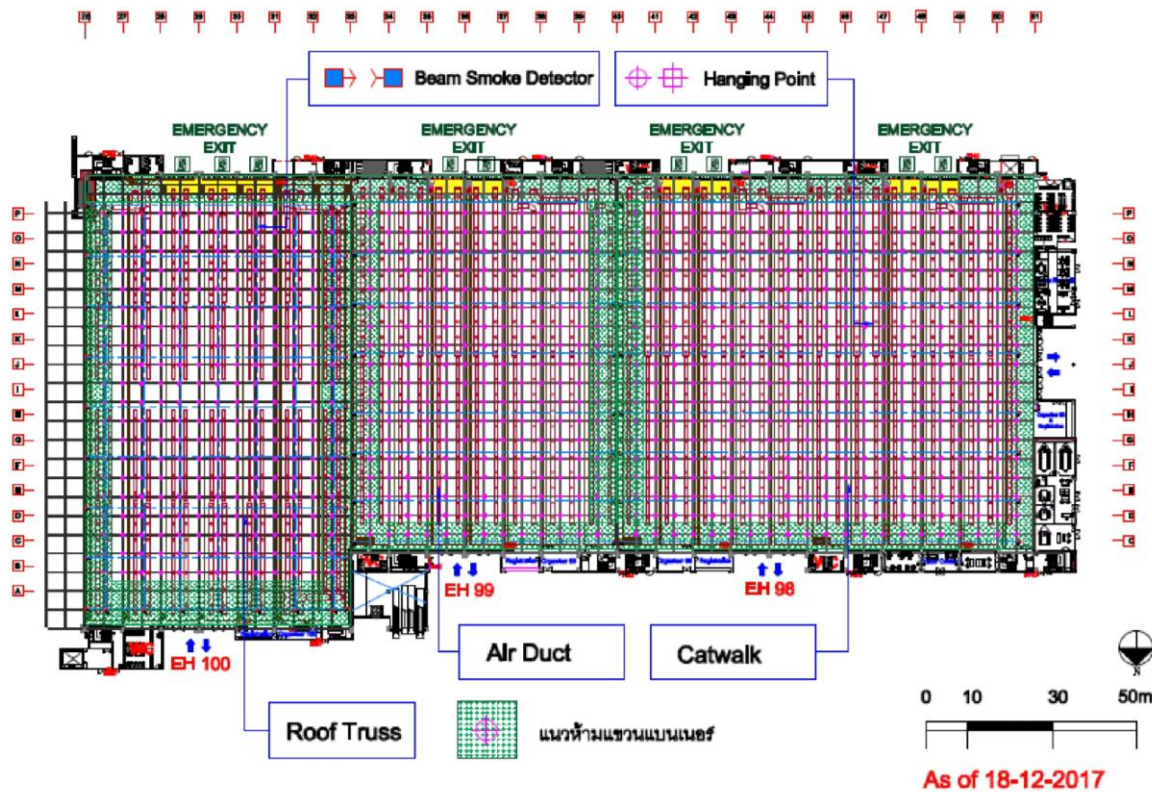


DIAGRAM SHOWING THE LOCATION OF THE BANNER HANGING POINT EH98-100

EH98-100 : HANGING FLOOR PLAN



Note:

1) Hall EH98–100 Beam Smoke Detector line is at an altitude of +15.00 meters from ground level.

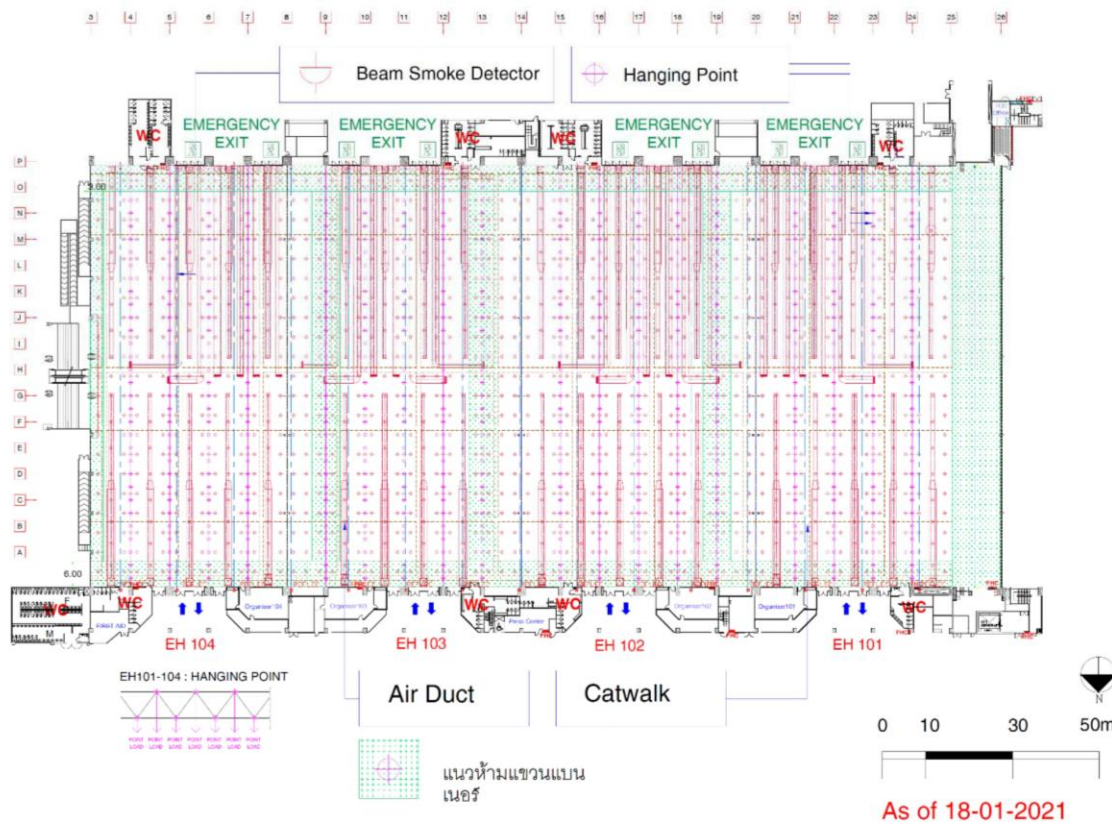
- The banner should be hung so that the top level of the sign is at least 1.00 meters below the status of the Beam Smoke Detector.

- Banners should be hung at the lowest level. At least 8.00 meters above ground level and the top level of the banner. Must not be higher than 14.00 meters from floor level.

- Because EH100 has a higher height from the floor to the hanging point than other buildings. Hanging banners one block apart from the catwalk will create a slight angle. Therefore, the weight cannot be distributed to resist. The wind power is sufficient. In practice, the horizontal hanging distance should be increased from 1 catwalk distance to 2-3 catwalk distances, or 9-18 meters. In the horizontal direction, the oblique angle will be increased.

DIAGRAM SHOWING BANNER HANGING LOCATIONS EH101-104

EH101-104 :
HANGING FLOOR PLAN

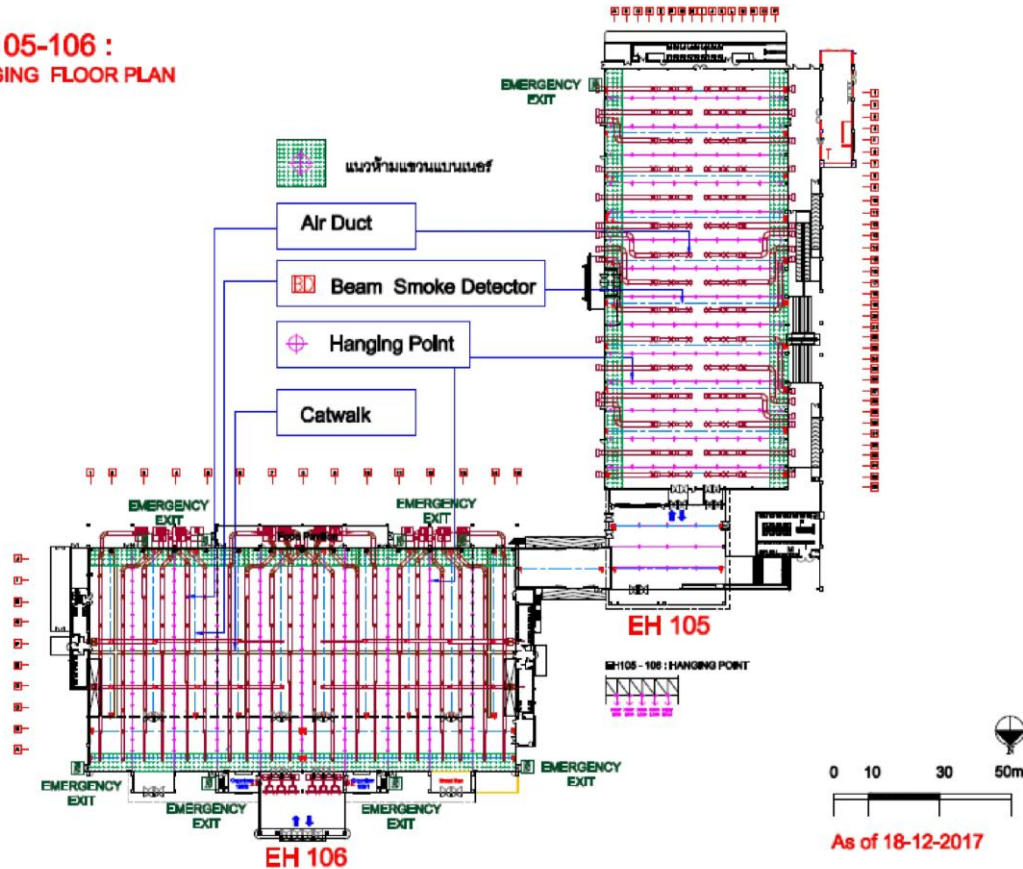


Note

- 1) Hall EH101-104 Beam Smoke Detector line is at an altitude of +13.00 meters from ground level.
 - The banner should be hung so that the top level of the sign is below the status of the Beam Smoke Detector. At least 1.00 meters
 - Banners should be hung at the lowest level. At least 7 meters above ground level and the top level of the banner. It must not be higher than 12.00 meters from the floor level.

DIAGRAM SHOWING BANNER HANGING LOCATIONS EH105-106

**EH105-106 :
HANGING FLOOR PLAN**



Note:

1) Hall EH105 Beam Smoke Detector line is at an altitude of +9.50 meters from ground level.

- Hang the banner so that the top level of the sign is below the level of the Beam Smoke Detector. At least 1.00 meters

- Banners should be hung so that the lowest level is at least 6.00 meters above ground level, and the top level of the banner must not be higher than 8.50 meters from ground level.

2) Hall EH106 Beam Smoke Detector line is at an altitude of +10.50 meters from ground level.

- The banner should be hung so that the top level of the sign is at least 1.00 meters below the level of the Beam Smoke Detector.

- Banners should be hung so that the lowest level is at least 6.00 meters above the ground level and the highest level. Banners must not be higher than 9.50 meters from ground level.