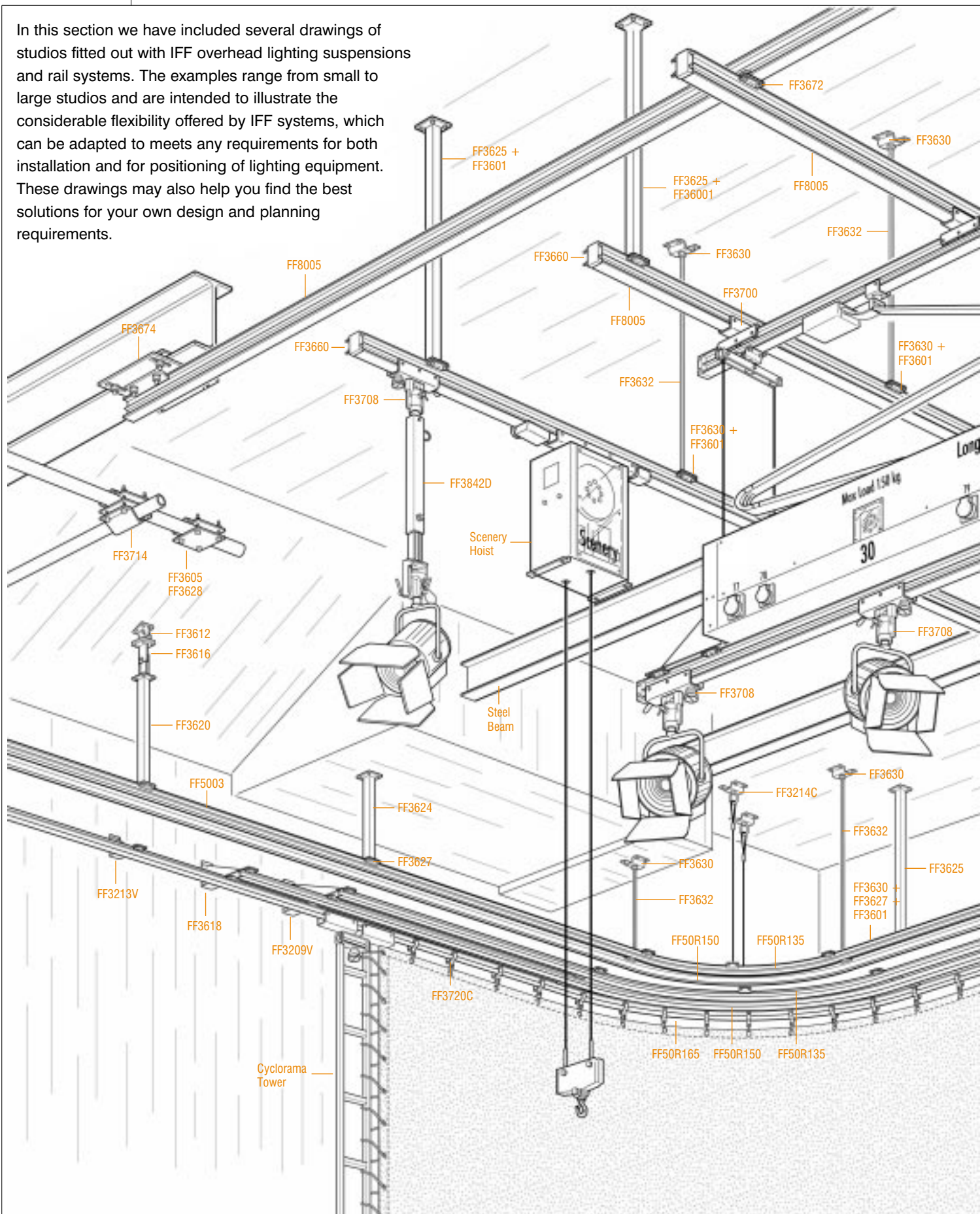
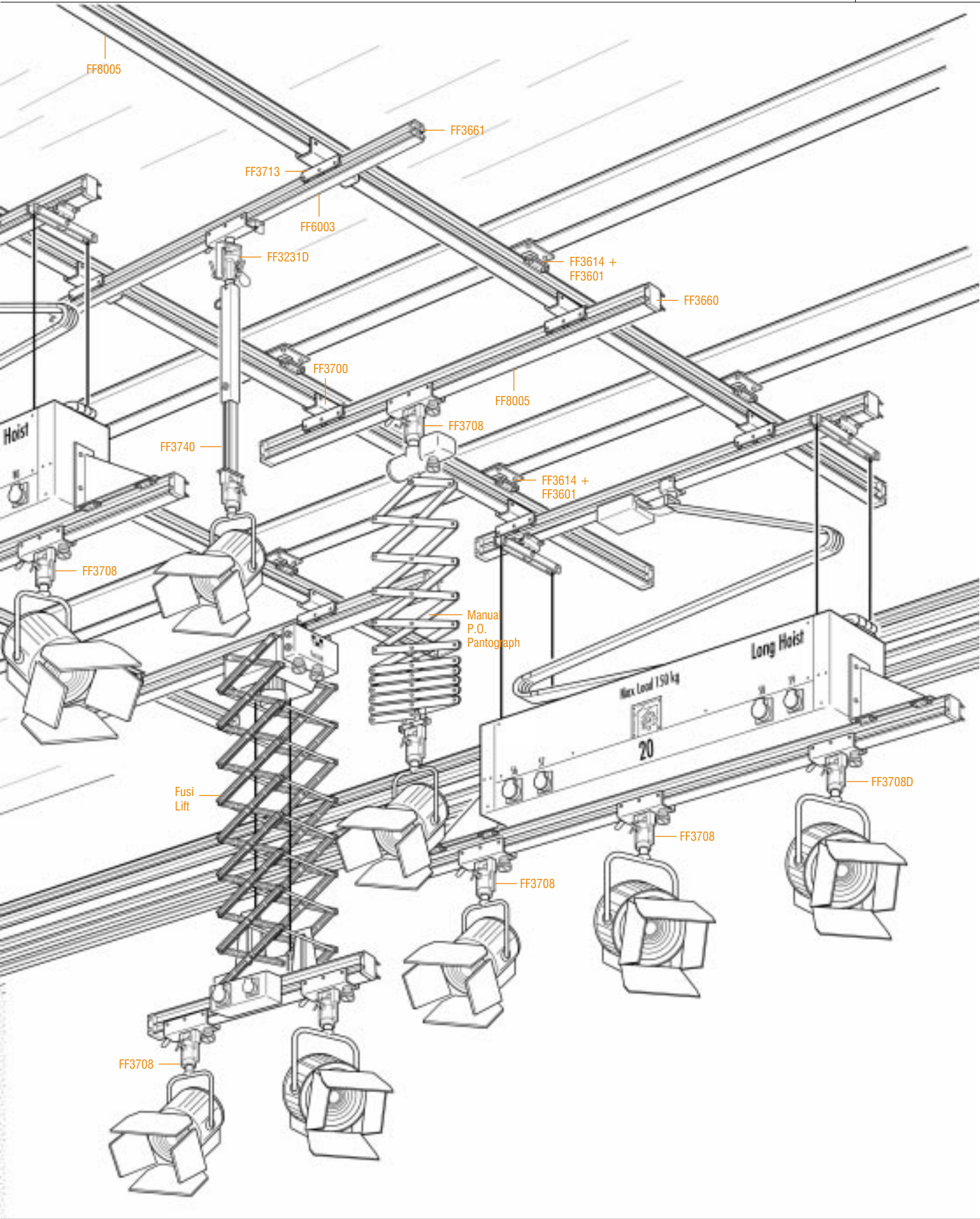


In this section we have included several drawings of studios fitted out with IFF overhead lighting suspensions and rail systems. The examples range from small to large studios and are intended to illustrate the considerable flexibility offered by IFF systems, which can be adapted to meet any requirements for both installation and for positioning of lighting equipment. These drawings may also help you find the best solutions for your own design and planning requirements.





## Studio 5x7

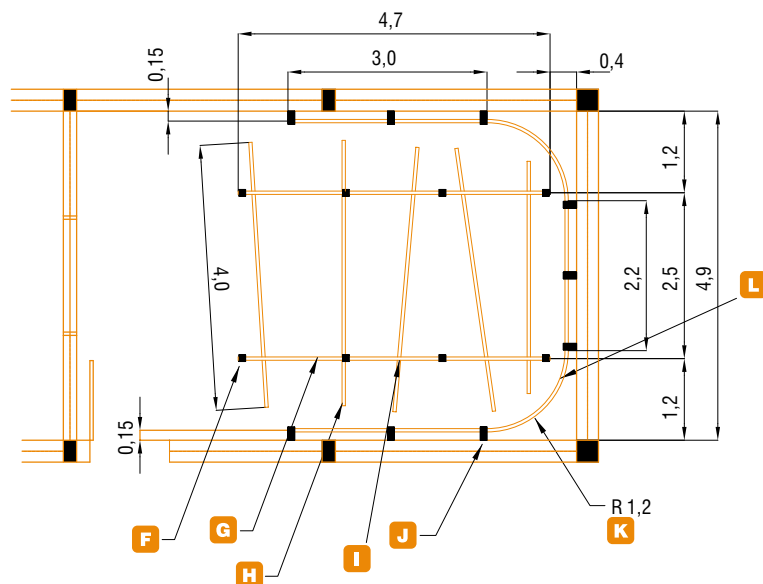
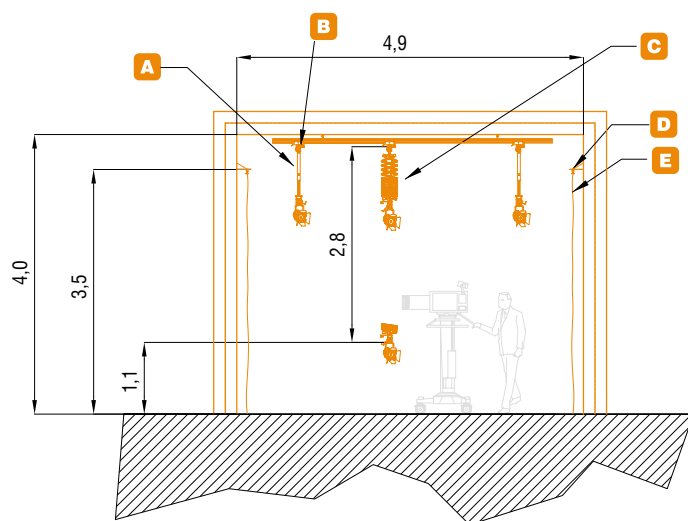
### Studio 5x7

Small 35sqm studio with cyclorama on 3 sides. A moving rail system provides complete coverage of the studio and at the same time offers flexibility in the set up of the lights.

The low ceiling allows the use of manual suspensions.

#### Legend

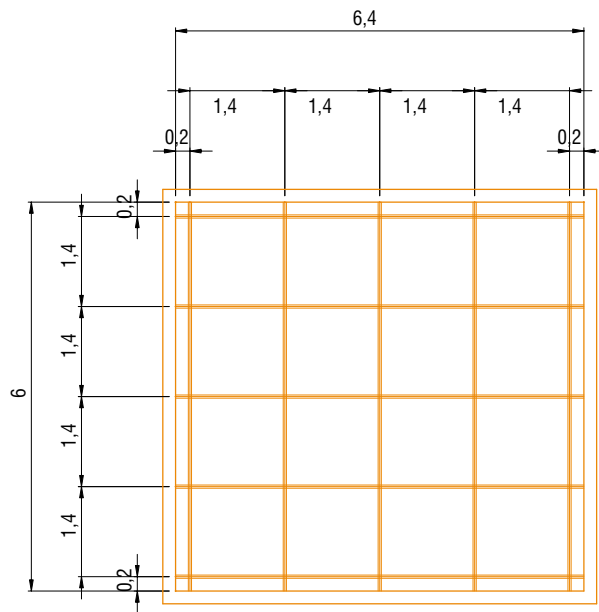
- A** Drop arm
- B** Sliding Carriage with brakes and Bushing
- C** Manual pantograph, Spring or Pole operated
- D** Wall bracket for Cyclorama Rails
- E** Cyclorama Curtain
- F** Ceiling bracket for fixed rails
- G** Fixed rails
- H** Moving Rails
- I** Double carriage
- J** Wall bracket for Cyclorama Rails
- K** Curved Rail For Cyclorama
- L** Cyclorama rail



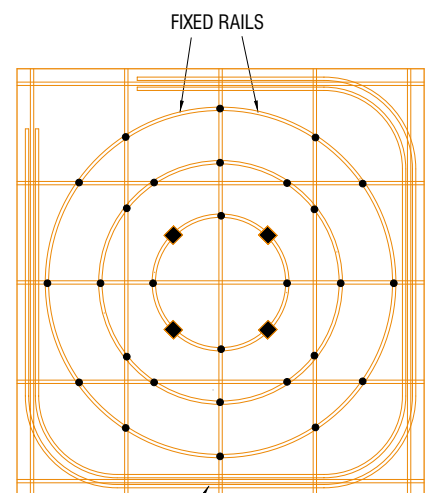
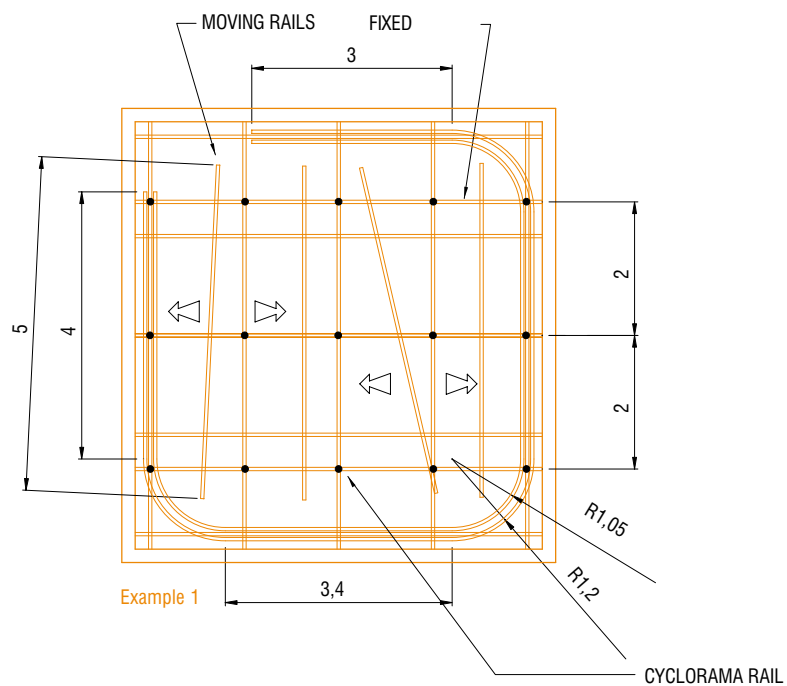
## Studio 6x6

### Studio 6x6

The two examples below demonstrate how flexible our rail system is. There are no limits to the ways our components can be combined to create all kinds of shapes and satisfy all customer needs.



Pipe Grid



Example 2

## Studio 6x8

### Studio 6x8

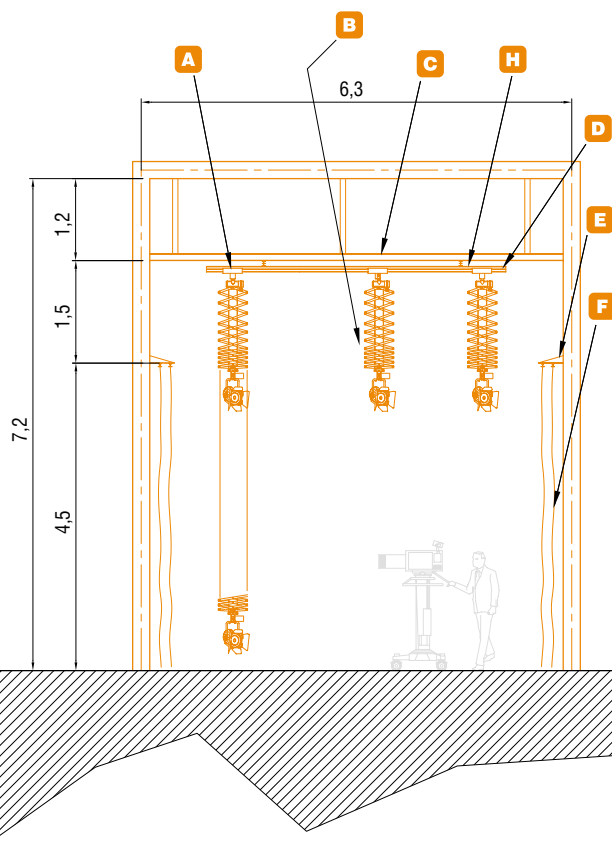
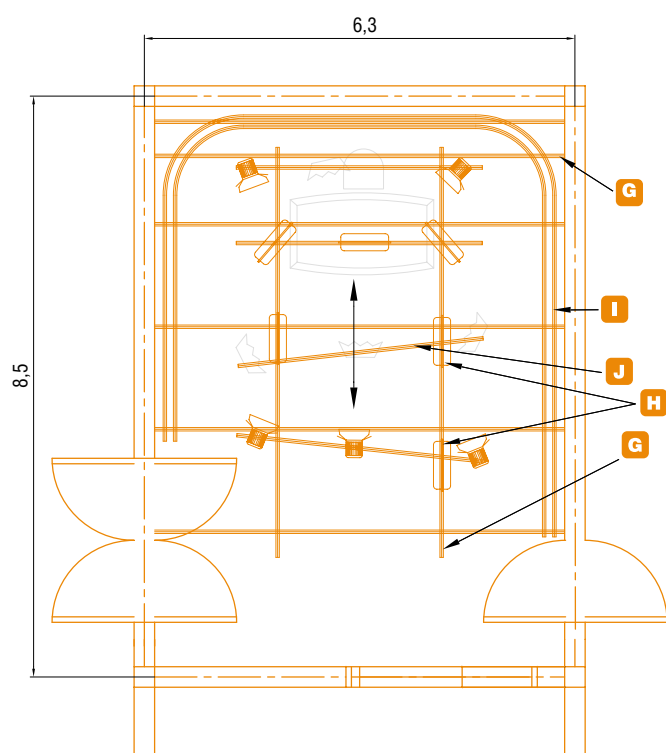
Small studio of 48sqm for News shows.

Cyclorama on 3 sides plus a moving rail system to provide complete coverage of the studio and flexibility in the set up of the lights.

The low ceiling allows the use manual suspensions.

#### Legend

- A** Sliding Carriage with brakes and Bushing
- B** Manual pantograph, Spring or Pole operated
- C** Fixed rails
- D** Moving Rails
- E** Wall bracket for Cyclorama Rails
- F** Cyclorama Curtain
- G** Fixed rails
- H** Double carriage
- I** Cyclorama rail
- J** Moving Rails





## Studio 10x10

### Studio 10x10

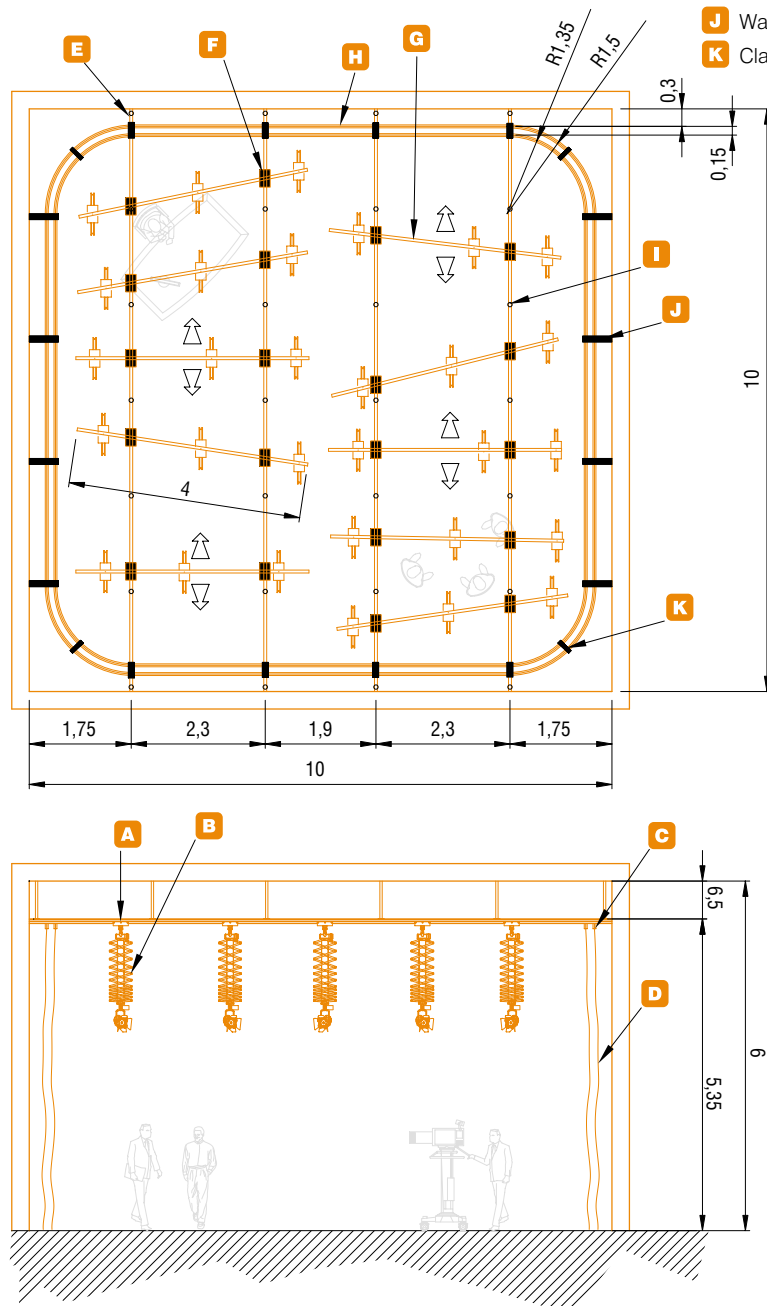
Medium-sized 100sqm studio for News and interviews.

A double cyclorama track runs around the entire perimeter of the studio and a moving rail system divided between two parallel rows provides complete coverage of the studio allowing two small separate sets to be created.

The low ceiling allows the use of manual suspensions.

#### Legend

- A** Sliding Carriage with brakes and Bushing
- B** Manual pantograph, Spring or Pole operated
- C** Cyclorama Rails
- D** Cyclorama Curtain
- E** Fixed rails
- F** Double carriage
- G** Moving Rails
- H** Cyclorama rail
- I** Ceiling Bracket to hold the fixed rails
- J** Wall bracket for cyclorama rails
- K** Clamp to hold the curves from the ceiling using steel wire



## Studio 15x13

### Studio 15x13

Medium-sized 195sqm multipurpose studio.

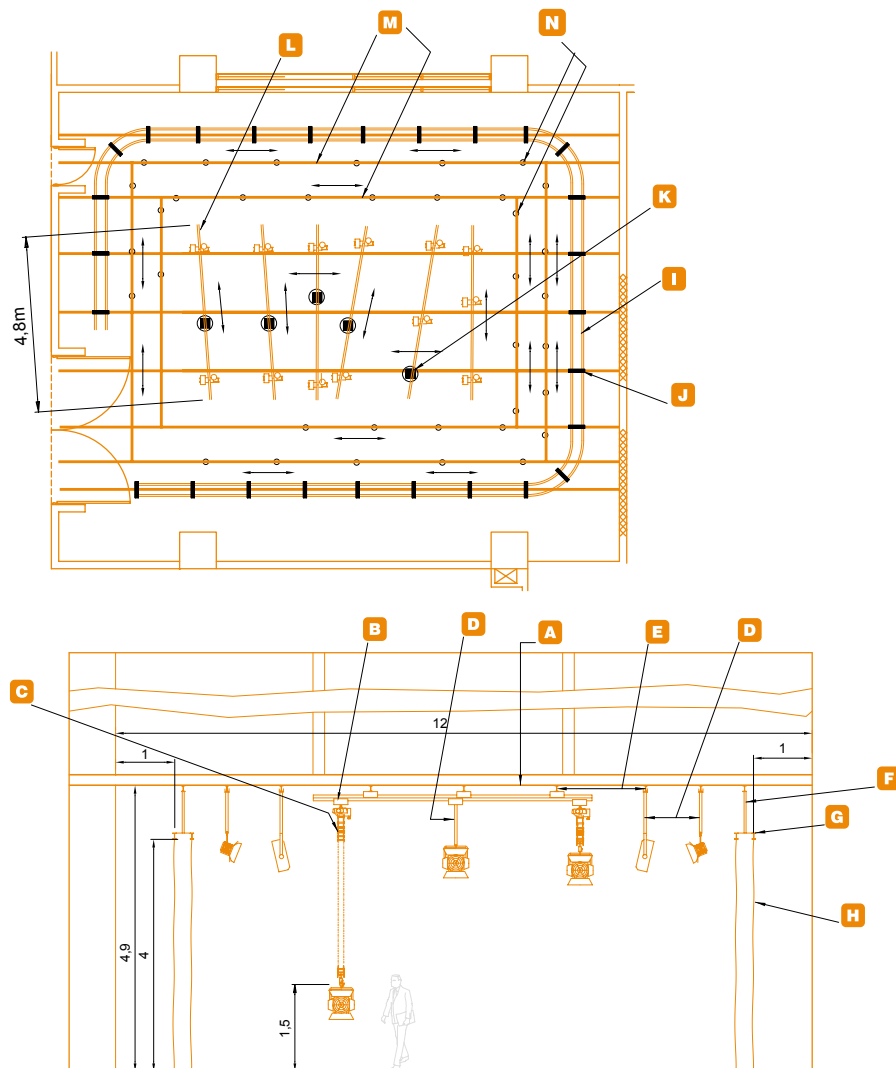
In this case we lowered the ceiling creating a grid of steel beams at 5mt from the roof. The position of the beams was decided by the IFF project department in order to grant proper support to the rail system. A double cyclorama track runs around almost the entire perimeter of the studio.

Cyclorama and back lights are mounted on sliding carriages that run along fixed rails parallel to cyclorama curtains.

Production lights are mounted on carriages on moving rails providing complete coverage of the studio with extreme flexibility.

#### Legend

- A** Fixed steel beam
- B** Sliding Carriage with brakes and Bushing
- C** Manual pantograph pole operated
- D** Telescopic Drop Arm
- E** Fixed IFF rail
- F** Fixed bracket to lower the cyclorama rails
- G** Cyclorama Rails
- H** Cyclorama Curtain
- I** Cyclorama rails
- J** Bracket to connect Steel beam to Cyclorama Rail
- K** Trackable Drop Arm
- L** Moving Rails
- M** Sliding carriages for cyclorama and back light
- N** Ceiling Bracket to hold the fixed rails







## Studio 15x18

## Studio 15x18

Medium multipurpose studio measuring 270sqm.

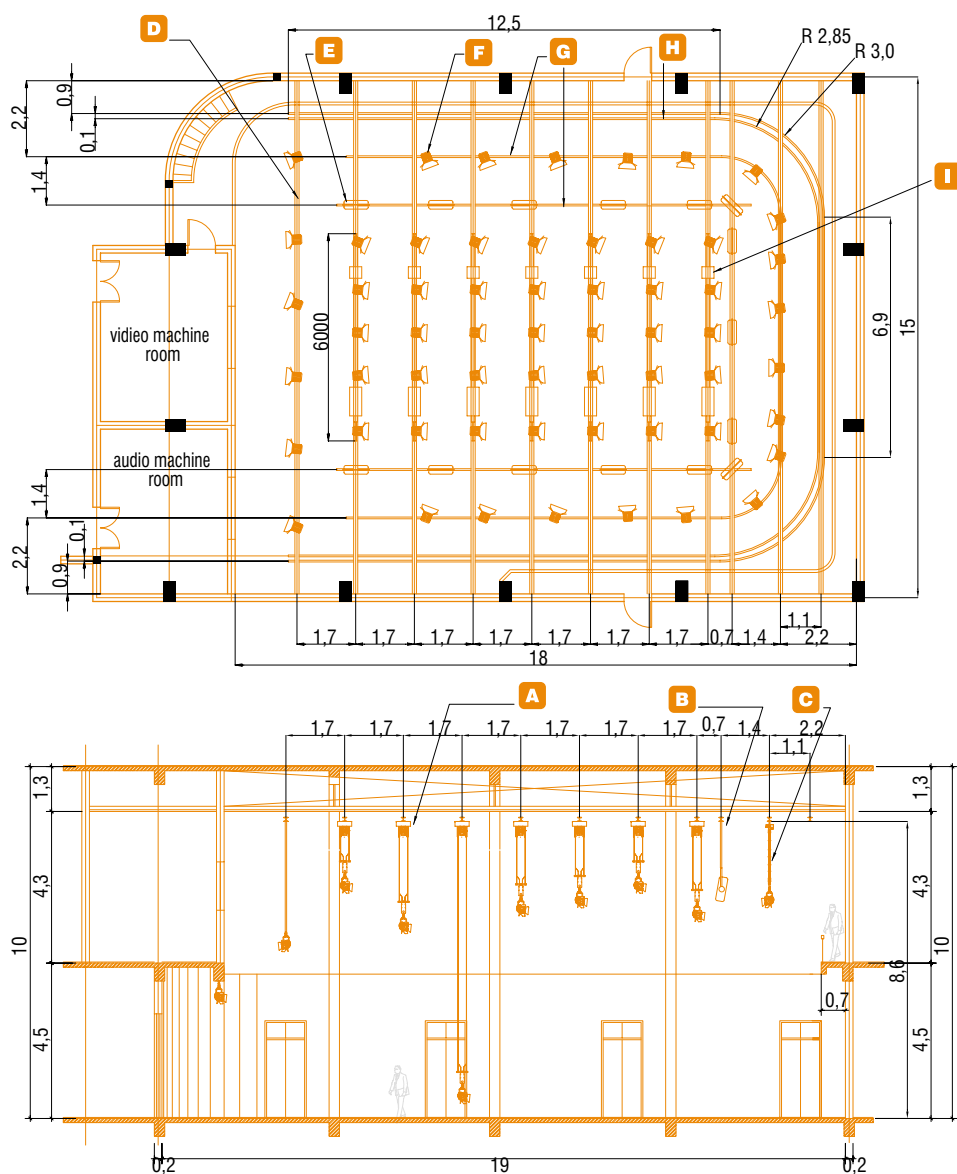
A double cyclorama track covers 3 side of the studio. Back lights are mounted on manual pole-operated pantographs on IFF rail type 80 that follow the cyclorama rail shape.

Cyclorama lights are mounted on telescopic drop arms.

All production lights are mounted on 6m barrel Combi Hoists.

### Legend

- A** Combi hoist 6m barrel 7m travel
- B** Telescopic Drop arm
- C** Manual pole-operated pantograph
- D** Steel Beam
- E** Cyclorama lights on telescopic drop arms
- F** Backlights on manual pole-operated pantographs
- G** IFF rail type 80
- H** Cyclorama rails
- I** Combi Hoists



## Studio 25x25

### Studio 25x25

Large 625sqm studio for multipurpose use with audience.

A double cyclorama track covers 3 side of the studio and is mounted under the catwalk.

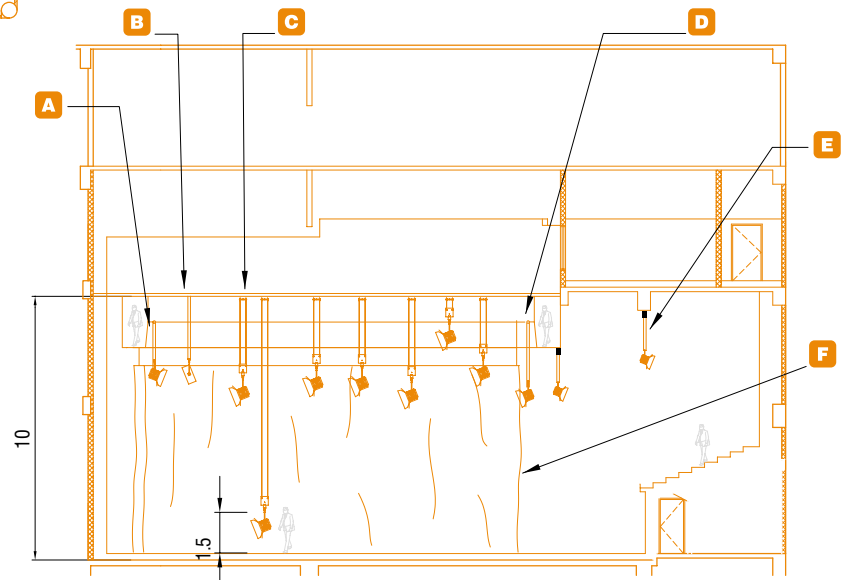
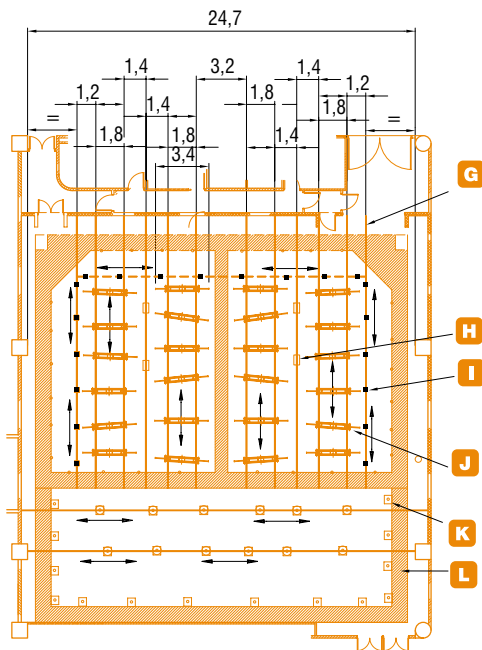
Back lights are mounted on telescopic drop arms while Cyclorama lights are mounted on manual pole-operated pantographs that can move along IFF rails.

The production area is covered by 24 trackable hoists with 4m barrel and by 4 scenery hoists for heavy scenario management.

The audience area is lit by 12 trackable telescopic drop arms and 14 fixed telescopic drop arms mounted above the catwalk.

#### Legend

- A** Telescopic Drop arm
- B** Telescopic Drop arm
- C** Trackable hoist 4 m barrel
- D** Telescopic Drop arm
- E** Telescopic Drop arm
- F** Cyclorama
- G** Steel IPE 100 Beam
- H** Scenery Hoist
- I** Telescopic drop arm for Cyclorama lights
- J** Trackable hoist
- K** Telescopic drop arm for audience lights
- L** Catwalk



## Studio 30x36

### Studio 30x36

Large multipurpose studio measuring 1080sqm .

A double cyclorama track runs around the entire perimeter of the studio.

Back lights are mounted on trackable long hoists while Cyclorama lights are mounted on combi hoist with 6m barrel .

Production area is covered by 40 trackable long hoists with 4,5m barrel and by 9 scenery hoists for heavy scenario management.

#### Legend

- A** Cyclorama Rail
- B** Trackable Long Hoist for back lights
- C** Combi hoist for Cyclorama lights
- D** Trackable Long Hoist for production lights
- E** Cyclorama Rail
- F** Brackets to hold cyclorama rail
- G** IFF rail type 80
- H** Trackable long hoist for back lights
- I** Combi hoist
- J** Trackable production hoist
- K** Scenery hoist
- L** IFF rail type 80

