Signage Reference Manual for

Operational / Statutory Signage

at Escalator / Travelator

Land Transport Authority

Content

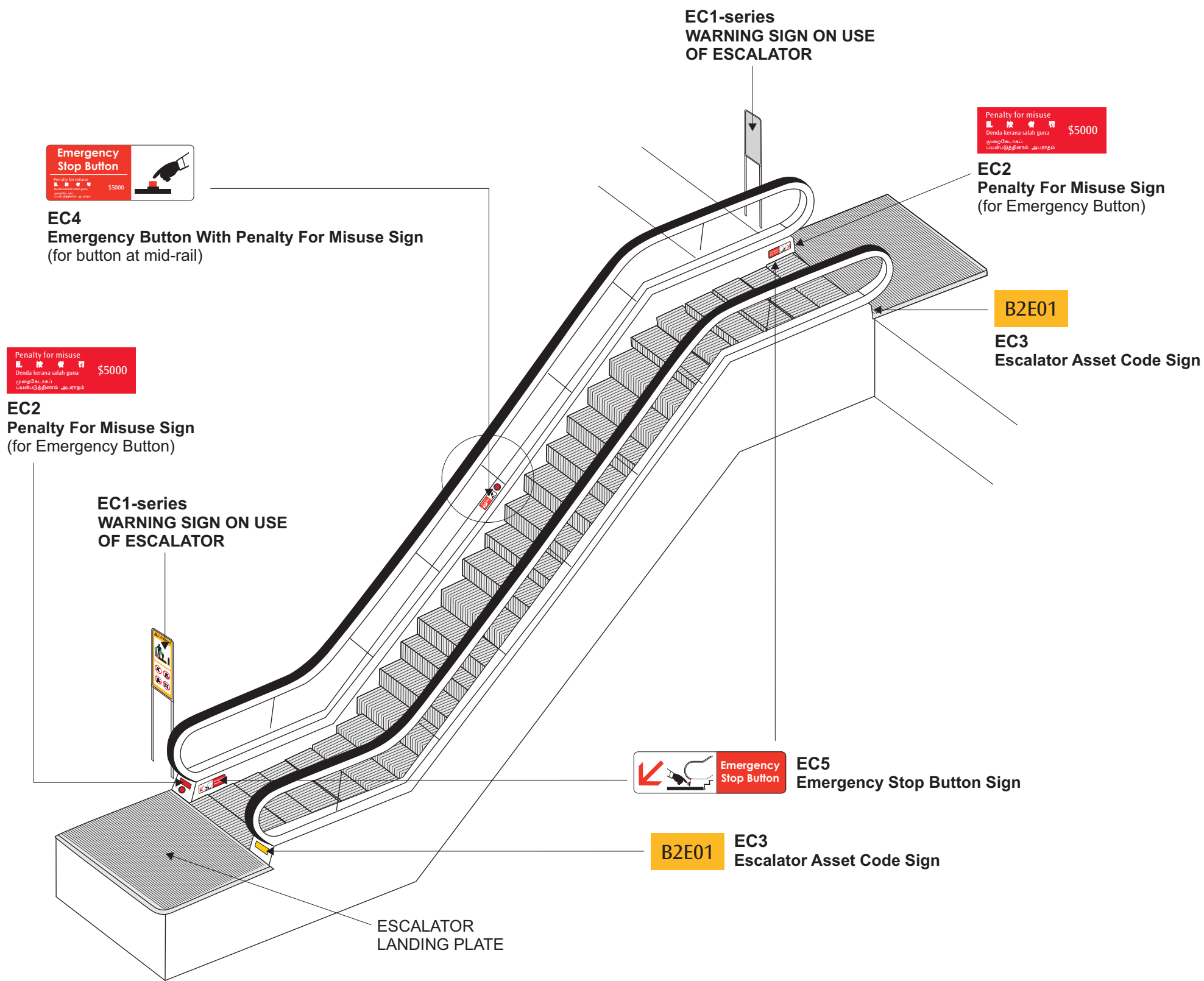This reference does not purport to list all signage / notices / warnings that are required by regulatory codes or operational / maintenance requirements.

The contractor / professional engineer shall ensure that all other signage/notices/warnings required by regulatory codes that are not listed in this reference are complied fully in the provision of the escalator/s or travelator/s (with respect to their operation).

Escalator / Travelator Signs - EC series

EC1-series
**WARNING SIGN ON USE
OF ESCALATOR**

Penalty for misuse 罰 $5000

**EC2
Penalty For Misuse Sign**
(for Emergency Button)

**Emergency
Stop Button**
$5000

**EC4
Emergency Button With Penalty For Misuse Sign**
(for button at mid-rail)

B2E01

**EC3
Escalator Asset Code Sign**

Penalty for misuse
Denda kerana salah guna $5000

**EC2
Penalty For Misuse Sign**
(for Emergency Button)

EC1-series
**WARNING SIGN ON USE
OF ESCALATOR**

**Emergency
Stop Button**

**EC5
Emergency Stop Button Sign**

B2E01

**EC3
Escalator Asset Code Sign**

ESCALATOR
LANDING PLATE

INDICATIVE LOCATIONS OF ESCALATOR SIGNS

Escalator / Travelator Warning Sign - Sign Code: EC-series

The following signs shall be provided at or around the escalator/travelator:

Warnings on the use of the Escalator/Travelator
Sign Code: EC1, EC1(V), EC1(V-S), EC1(H) and EC1(B)

Penalty for Misuse (of the Emergency Button)
Sign Code: EC2
Escalator/Travelator Asset Code
Sign Code: EC3

Emergency Button with Penalty for Misuse (at mid-rail)
Sign Code: EC4

Emergency Button (at top & bottom rail)
Sign Code: EC5

NOTE:

These signs are provided by the escalator/travelator contractor, and coordinated by the respective Mechanical and Electrical (M&E) management teams.
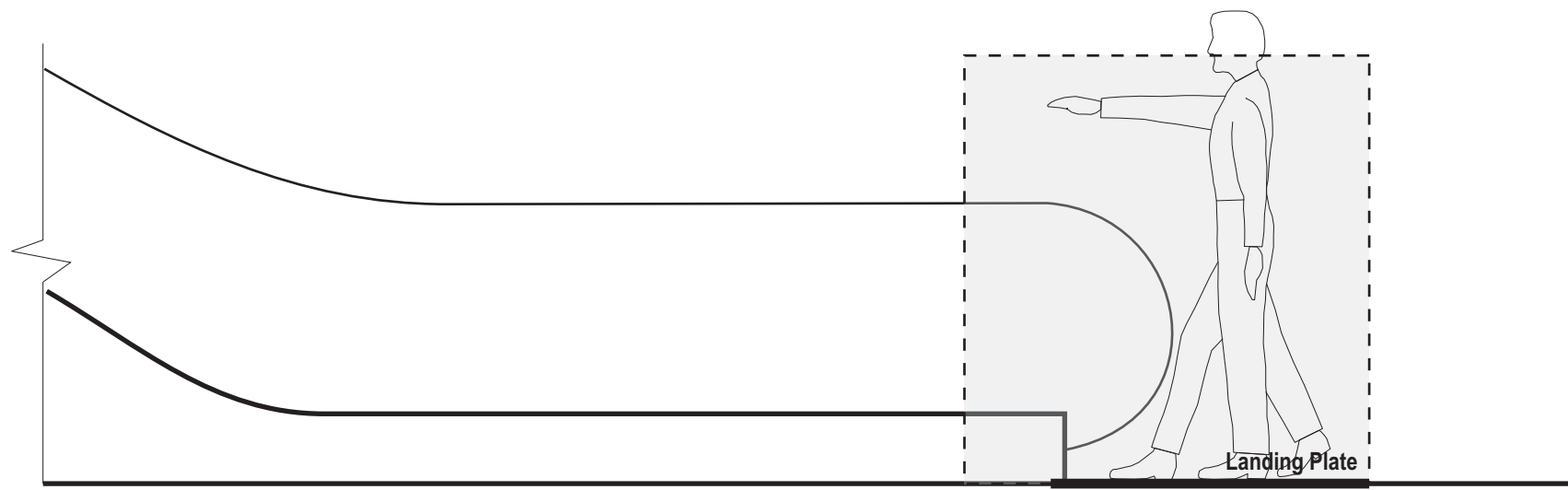
This reference does not purport to list all signage/notices/warnings that are required by regulatory codes or maintenance requirements.

The contractor/professional engineer shall ensure that all other signage/notices/warnings required by regulatory codes that are not listed in this reference are complied fully in the provision of the escalator/s or travelator/s (with respect to their operation).
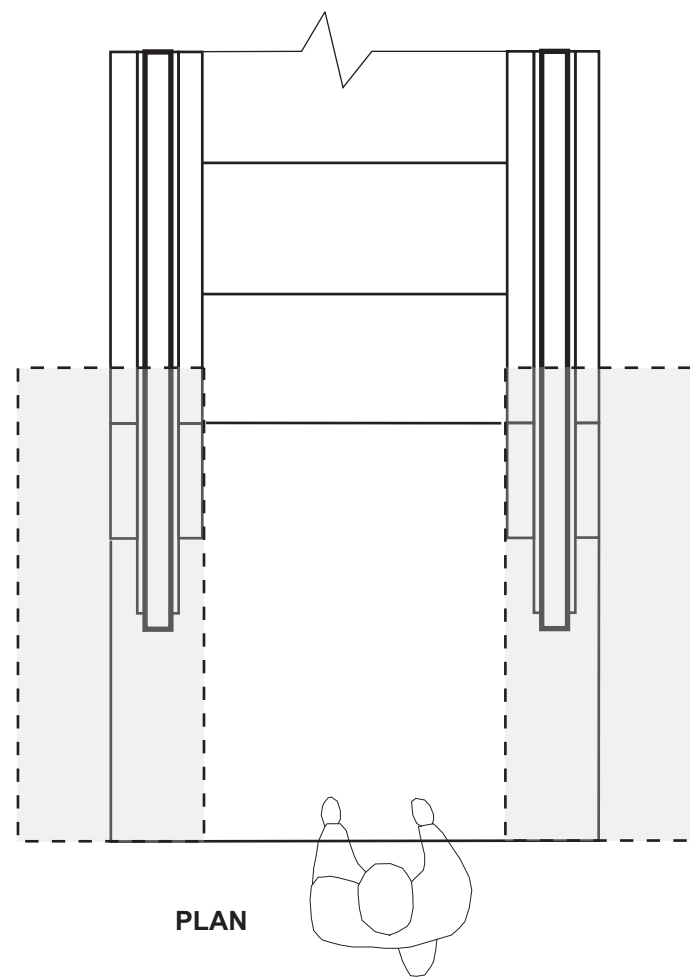
Escalator / Travelator Warning Sign Allocation Area

SIDE ELEVATION

NOTE:
Area within dotted lines denote
zones for location of Escalator Warning signs

Landing Plate

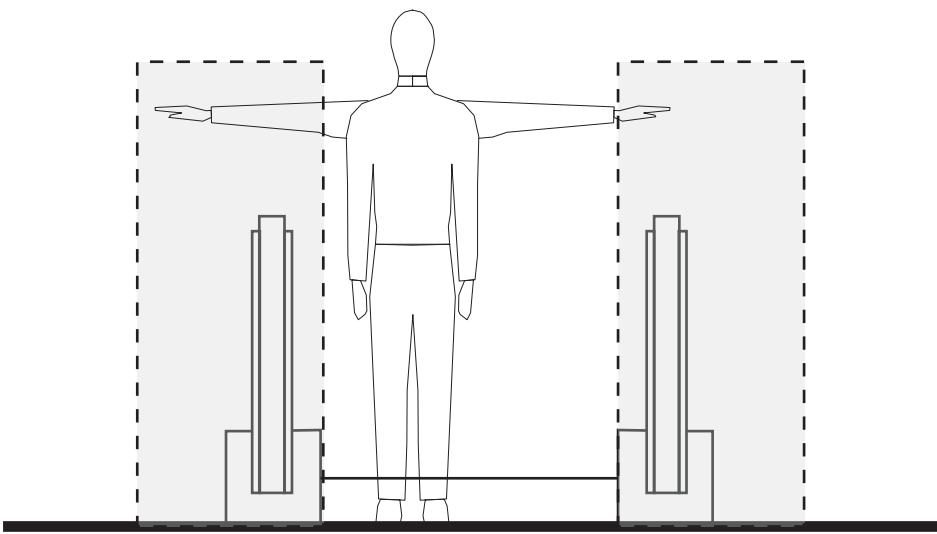**PLAN**

FRONT ELEVATION

Location and Application

For these signs to be effective, they have to be positioned in a way that commuters can view them as they step onto the escalator landing plate
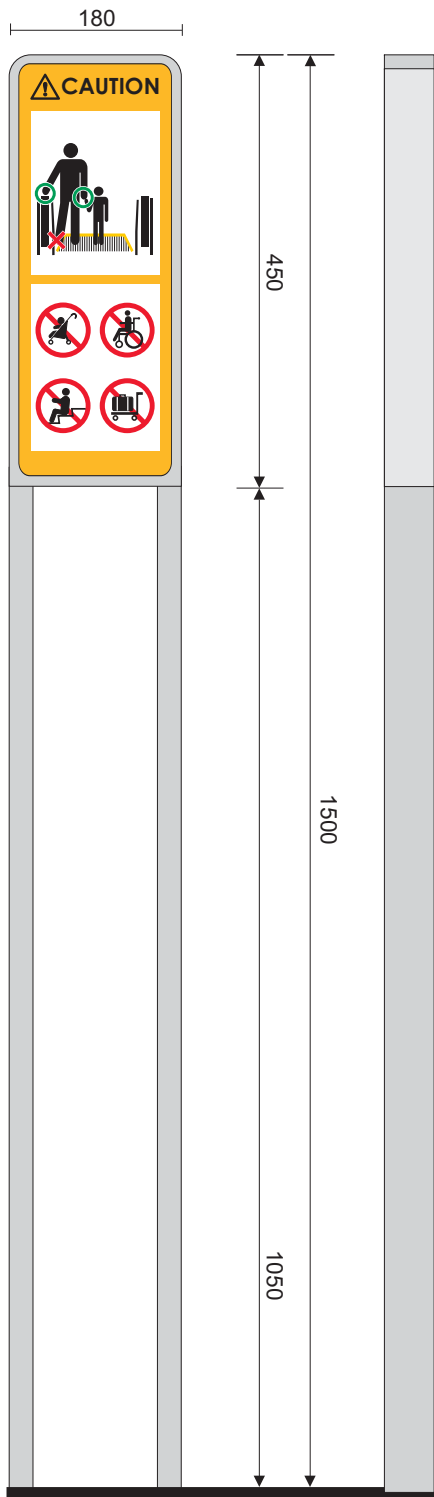
Escalator / Travelator Warning Sign - EC series

180

450

1500

1050

EC1
Escalator Warning Sign
Floor Mounted Sign

180

450

EC1(V)
Escalator Warning Sign
Surface-Mounted (Wall)
Material:
Printed Vinyl on Alumimium Plate

160

430
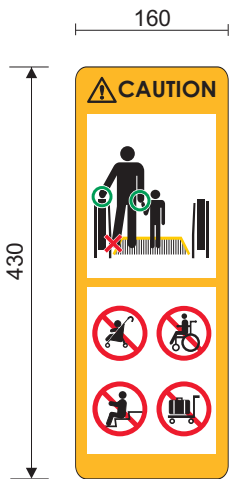
EC1(V-S)
Escalator Warning Sign
Surface-Mounted (Wall) - for glass surfaces only
Material: Printed Vinyl Sticker

380

280

EC1(H)
Escalator Warning Sign
Surface-Mounted on Low Parapet Wall
Material:
Printed Vinyl on Alumimium Plate

360

260

EC1(B)
Escalator Warning Sign
Surface-Mounted on Escalator Baluster
Material: Printed Vinyl Sticker

Escalator / Travelator Warning Sign - Sign Code: EC series

This sign is displayed as a warning on the safe use of the escalator and travelator.

Location, Material and Construction

This sign is displayed at or around Escalators / Travelators.

Sign Code: EC1 -
Vertical version; Floor-Mounted
- The basic floor-mounted version, which should be the most widely used.

Sign Code: EC1(V) -
Vertical version; Surface-Mounted
- The surface-mounted version with an aluminium backing. The graphics in the vertical format is similar to EC1.

Sign Code: EC1(V-S) -
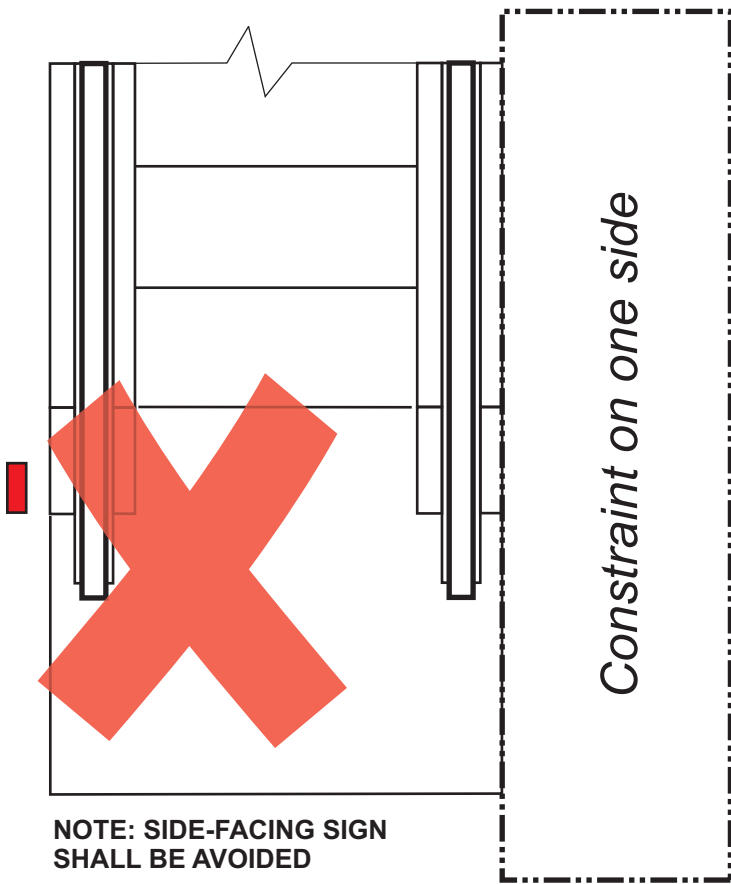**Vertical version; Vinyl Sticker - Surface-Mounted on glass**
- The printed vinyl sticker pasted directly on glass surfaces. The graphics in the vertical format is similar to EC1.

Sign Code: EC1(H) -
Horizontal version; Surface-Mounted
- The surface-mounted version with an aluminium backing. The graphics is in the horizontal format.

Sign Code: EC1(B) -
Horizontal version; Surface-Mounted on Baluster
The printed vinyl sticker pasted directly on the baluster surface. The graphics is in the horizontal format similar to EC1(H).
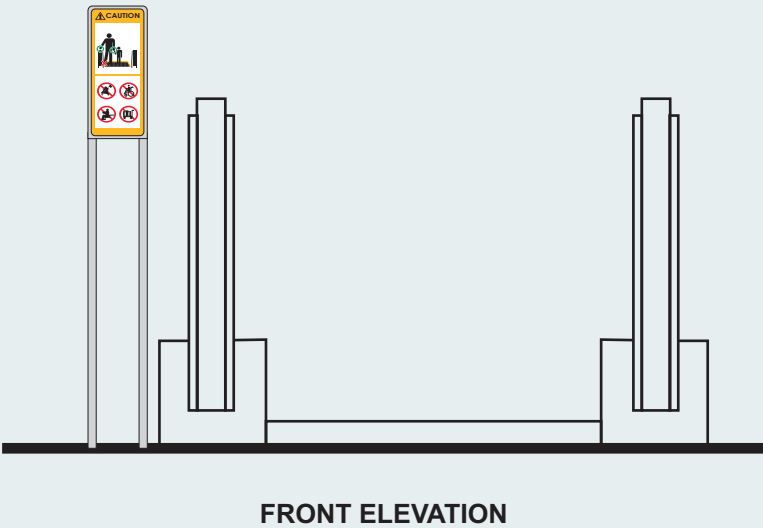
Illustrations -
Always use the master softcopy for reference.

PLAN

WARNING SIGN

Constraint on one side

NOTE: SIDE-FACING SIGN SHALL BE AVOIDED

Constraint on one side

FRONT ELEVATION

Scenario:
At leaset one side of the escalator is free of constraints

Position:
Floor-mounted, facing traffic (on the side free of constraints)

Remarks:
This option being the preferred application, shall be considered as first priority. However, circulation space shall not be unduly impeded.
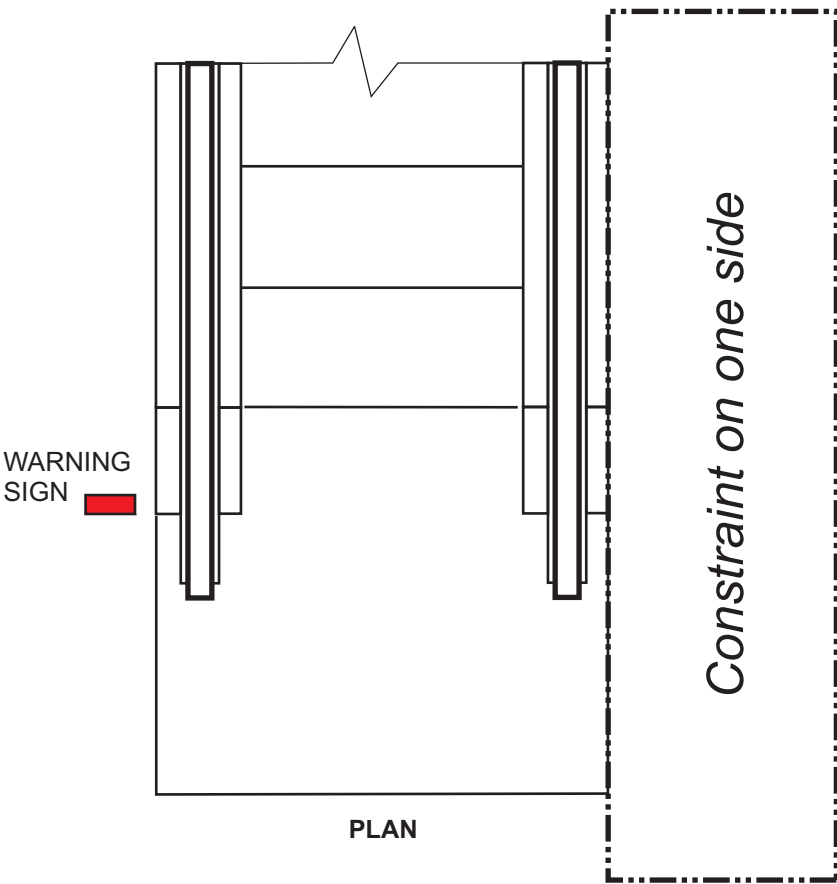
Location and Application

Sign EC1:
Sign EC1 (the floor-mounted version) affords the best visibility of all the types. Unless there are design constraints, the use of this version shall be given the first priority (over the other types).

They shall be positioned to face on-coming commuter traffic (as they step onto the escalator).
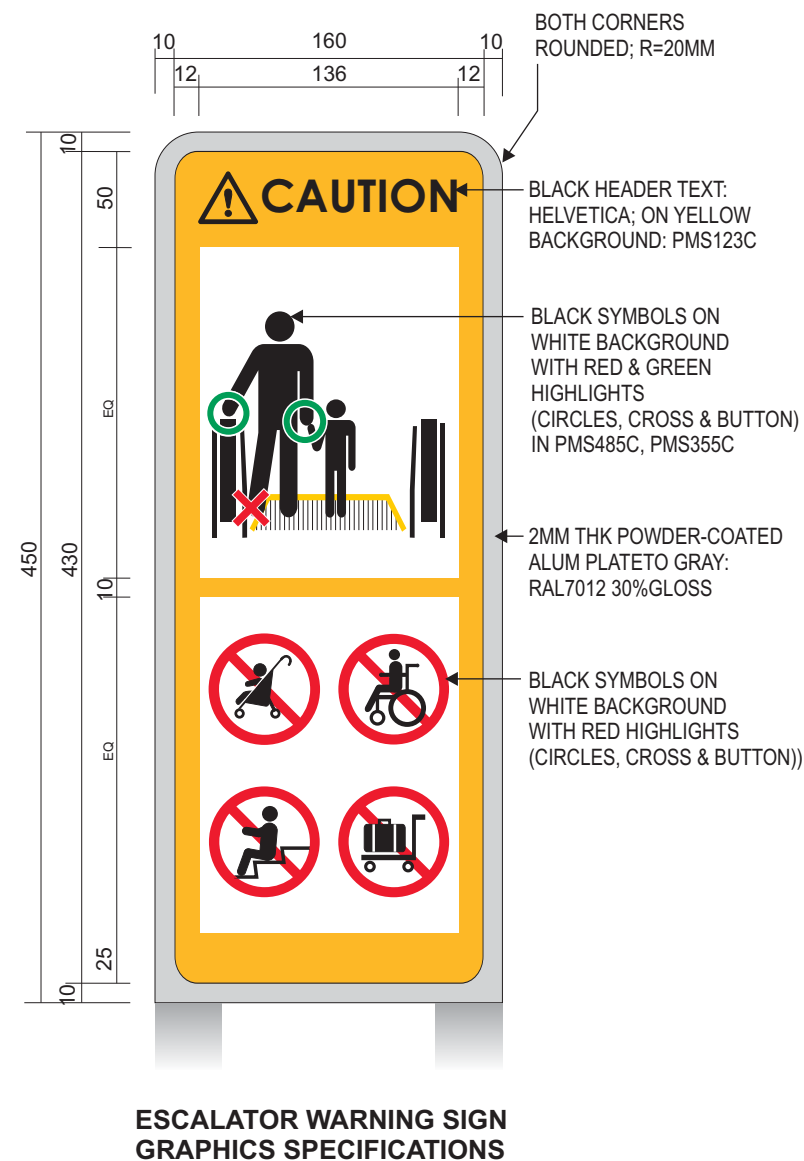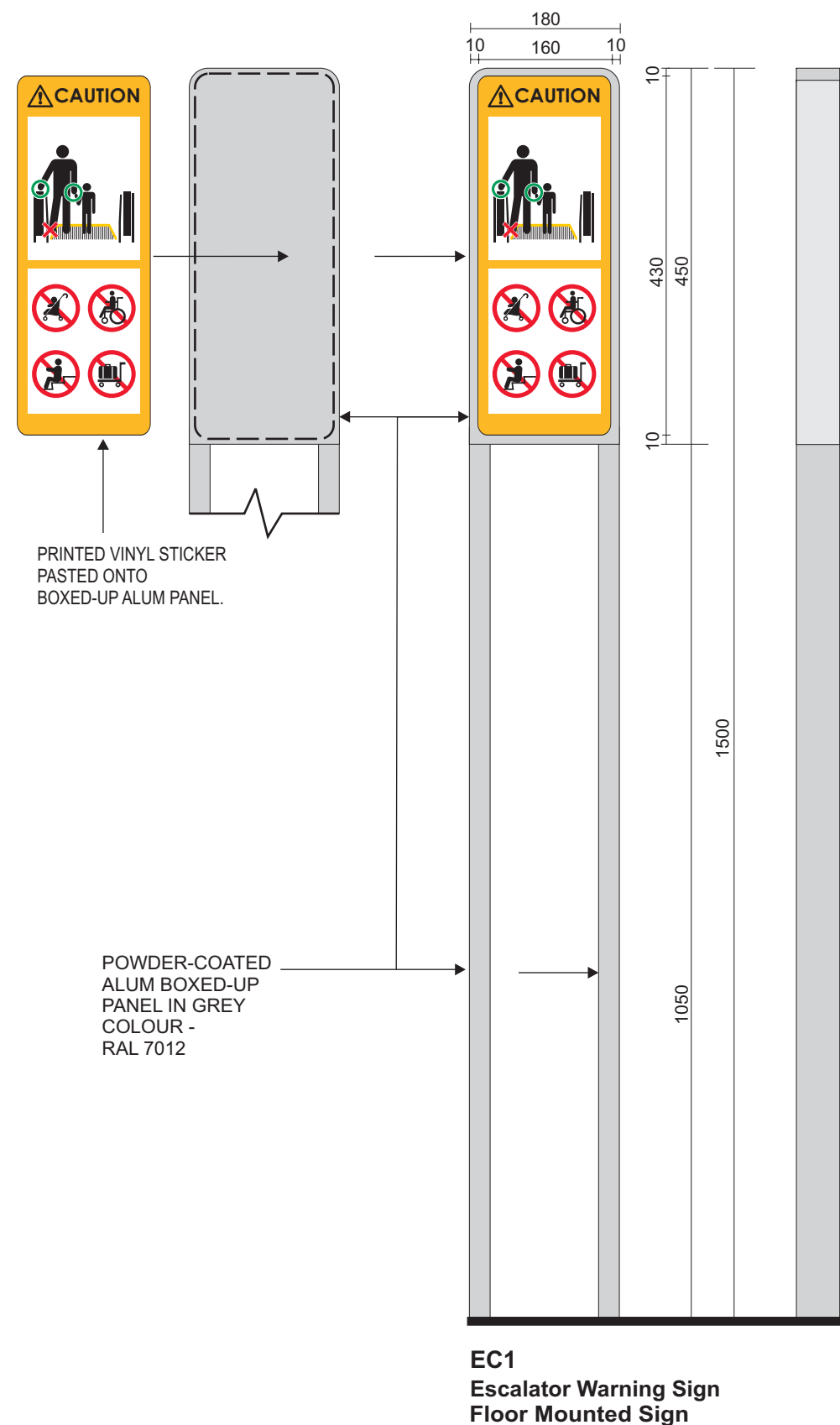
Escalator / Travelator Warning Sign - EC1

180
10 160 10

10
430 450
10

1500

1050

PRINTED VINYL STICKER
PASTED ONTO
BOXED-UP ALUM PANEL.

POWDER-COATED
ALUM BOXED-UP
PANEL IN GREY
COLOUR -
RAL 7012

EC1
Escalator Warning Sign
Floor Mounted Sign

10 160 10
12 136 12

10
50
EQ
450 430
10
EQ
25
10

BOTH CORNERS
ROUNDED; R=20MM

BLACK HEADER TEXT:
HELVETICA; ON YELLOW
BACKGROUND: PMS123C

BLACK SYMBOLS ON
WHITE BACKGROUND
WITH RED & GREEN
HIGHLIGHTS
(CIRCLES, CROSS & BUTTON)
IN PMS485C, PMS355C

2MM THK POWDER-COATED
ALUM PLATETO GRAY:
RAL7012 30%GLOSS

BLACK SYMBOLS ON
WHITE BACKGROUND
WITH RED HIGHLIGHTS
(CIRCLES, CROSS & BUTTON))

ESCALATOR WARNING SIGN
GRAPHICS SPECIFICATIONS

Escalator / Travelator Warning Sign - Sign Code: EC1

This sign is the basic floor-mounted version

Location and Application

- To be positioned beside the escalator, facing on-coming commuter traffic.
- See other specific sections on application

Material and Construction

Sign-face Panel:
- UV-resistant digitally-printed graphics on vinyl sticker with matt overlaminate, pasted onto the boxed-up panel.

Signbox & Mounting:
- Boxed-up aluminium panel complete with supports; powder-coated to gray: RAL7012

Artwork and Graphics
- See illustration
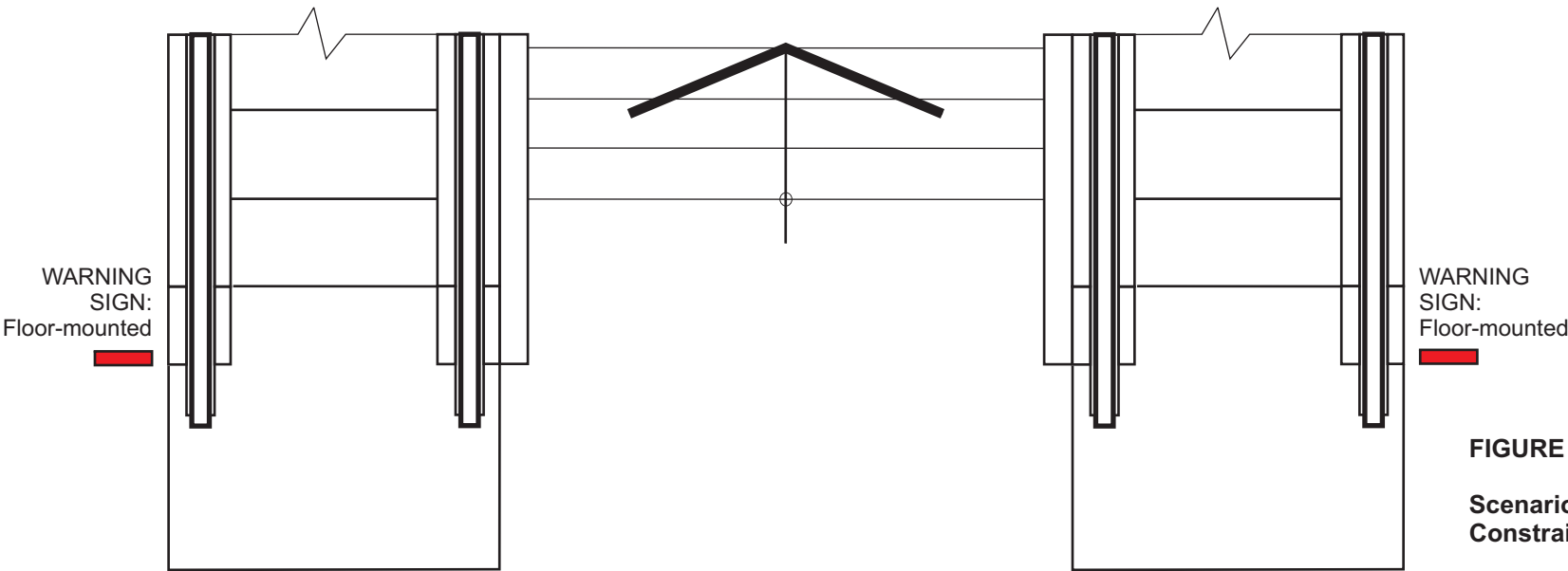- Always use the master softcopy for reference

WARNING
SIGN:
Floor-mounted

WARNING
SIGN:
Floor-mounted

FIGURE 1: SAMPLE APPLICATION

Scenario:
Constraint on one side of escalator (staircase)

Mounting:
Floor-mounted, facing traffic
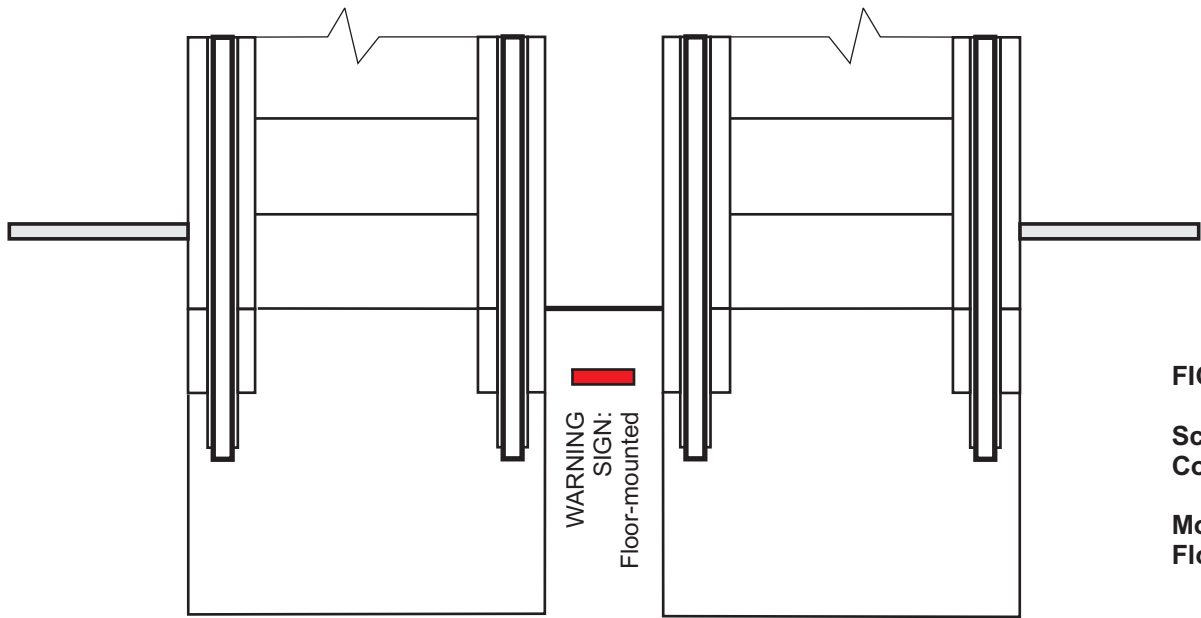
WARNING
SIGN:
Floor-mounted

FIGURE 2: SAMPLE APPLICATION

Scenario:
Constraint on one side of escalator (staircase)

Mounting:
Floor-mounted, facing traffic

Location and Application
Sign Code: EC1

Figure 1
This is a typical application of sign EC1. One side of each of the escalators is free to place EC1, whilst the design constraint (the staircase) is one the other side.

Figure 2
Where there is sufficient space in between a pair of escalators, 1 set of sign EC1 may be signed to serve both escalators. Proximity and sign-lines must be satisfied.
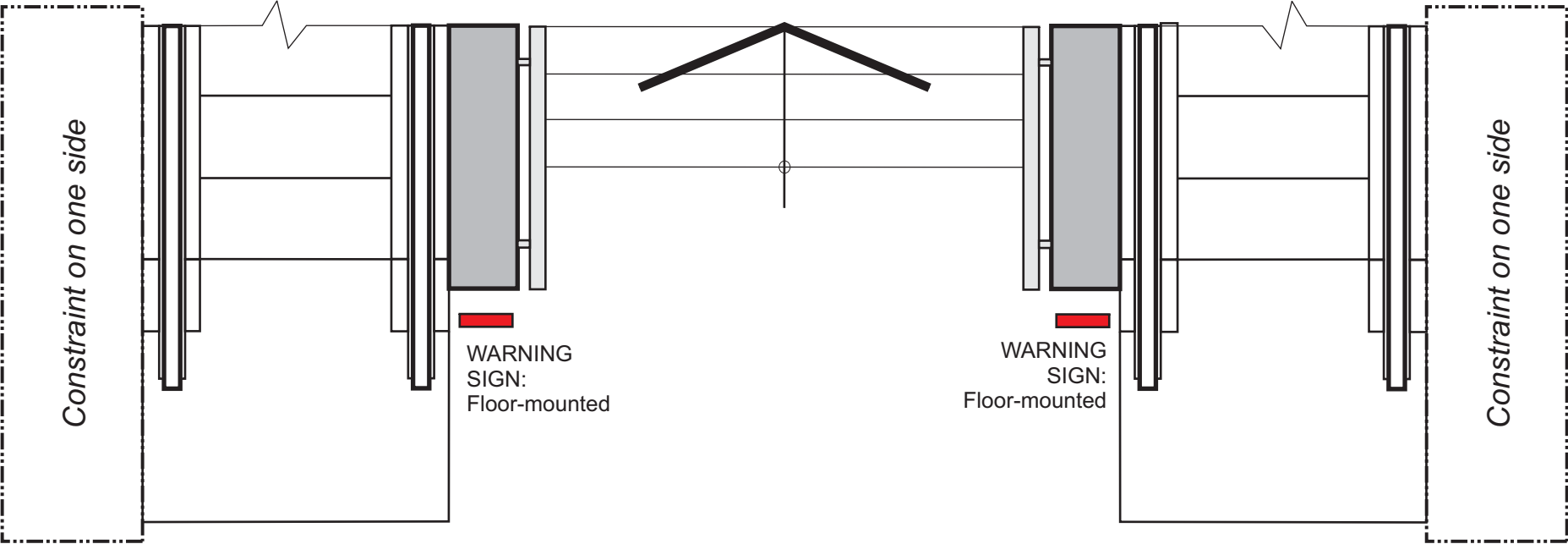
Constraint on one side

WARNING SIGN: Floor-mounted

WARNING SIGN: Floor-mounted

Constraint on one side

FIGURE 1: SAMPLE APPLICATION

**Scenario:
Sufficiently wide parapet wall**

**Mounting:
Floor-mounted, facing traffic**

WARNING SIGN: Surface-mounted

WARNING SIGN: Balustrade Surface-mounted
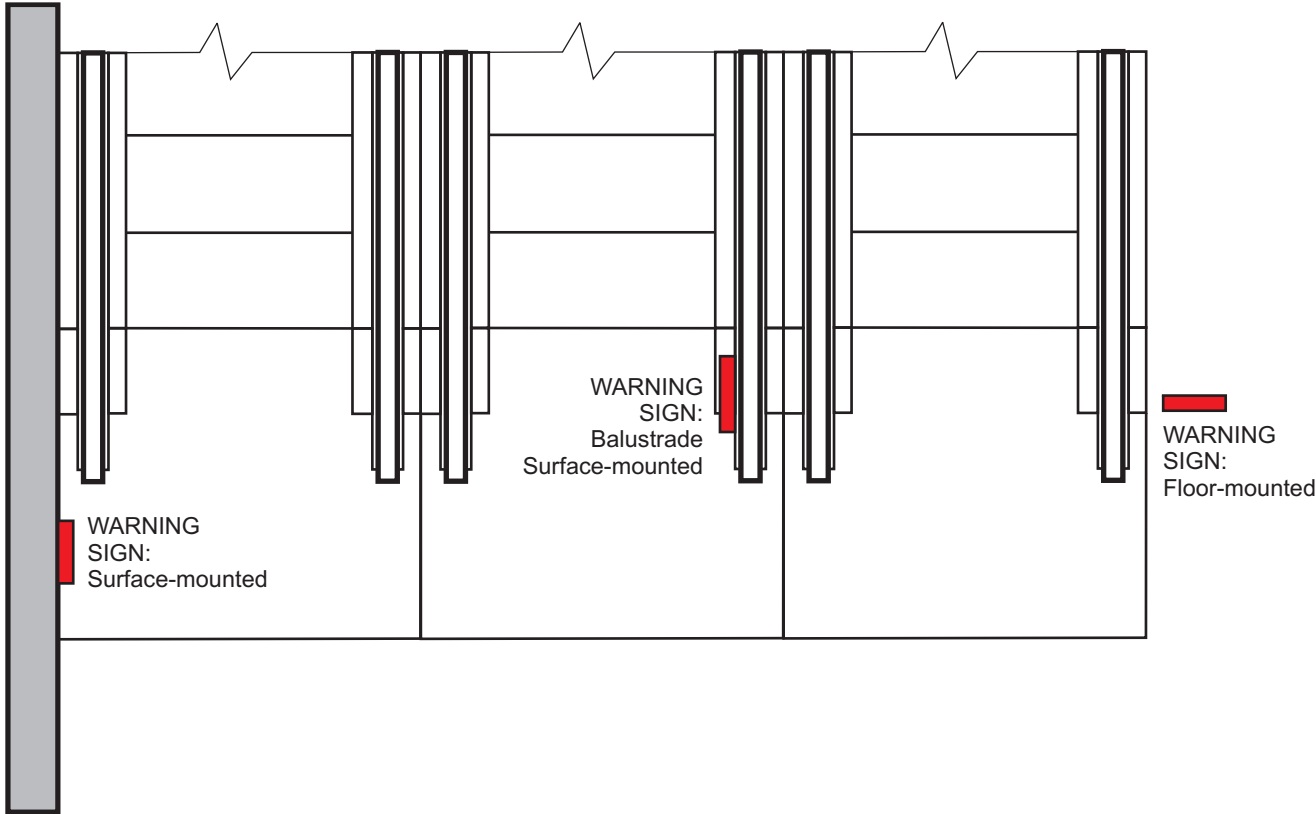
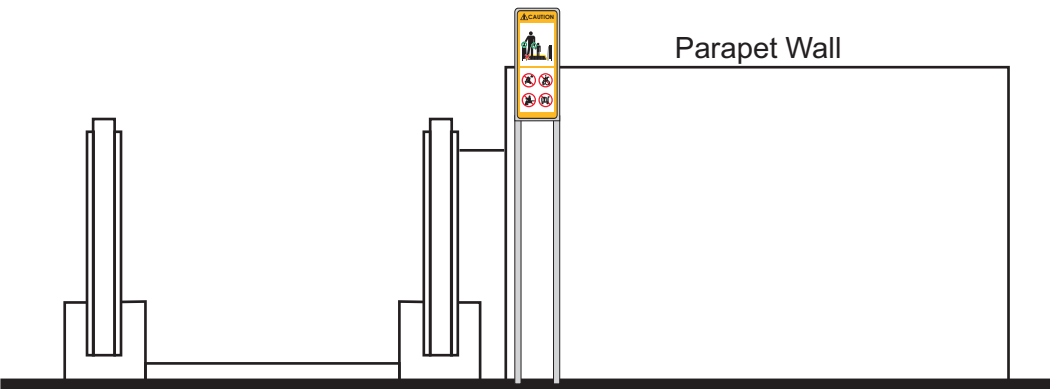WARNING SIGN: Floor-mounted

FIGURE 2: SAMPLE APPLICATION

**Scenario:
A bank of escalators**

**Mounting:
Combinations according to constraints**

Location and Application

Figure 1
Inspite of the staircase on one side of each of the escalators, the extra wide parapet wall allows a floor-mounted sign EC1 to be located front-facing.
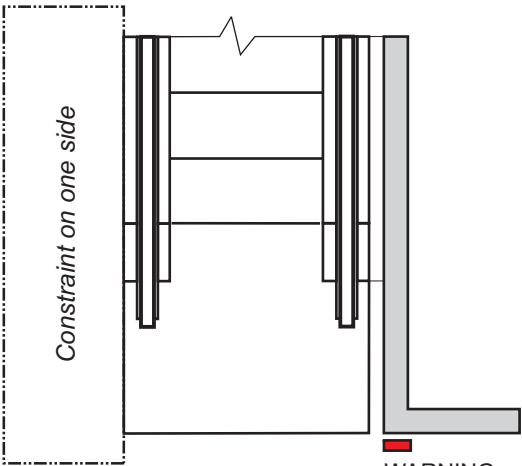
Figure 2
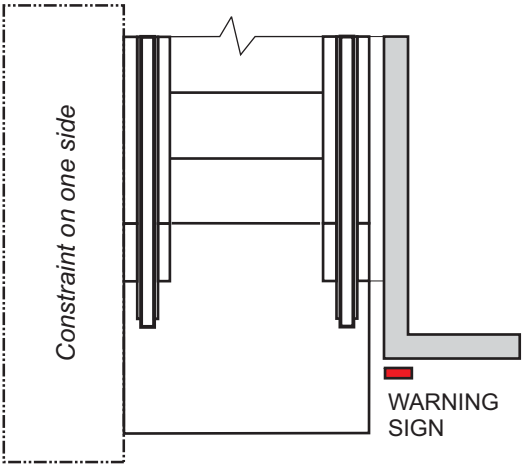Where there is a series of escalators, sign EC1(B) is assigned to the intermediate escalator/s.

Parapet Wall

FRONT ELEVATION

Scenario:
Constraints on one side, whilst the other side is abutting a low parapet wall.

Position:
Floor-mounted.
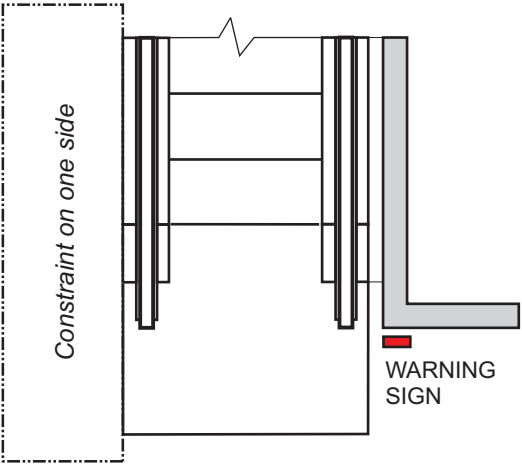
Constraint on one side

WARNING
SIGN

PLAN

Constraint on one side

WARNING
SIGN

PLAN

Constraint on one side

WARNING
SIGN

PLAN

SIDE ELEVATION

Constraint on one side
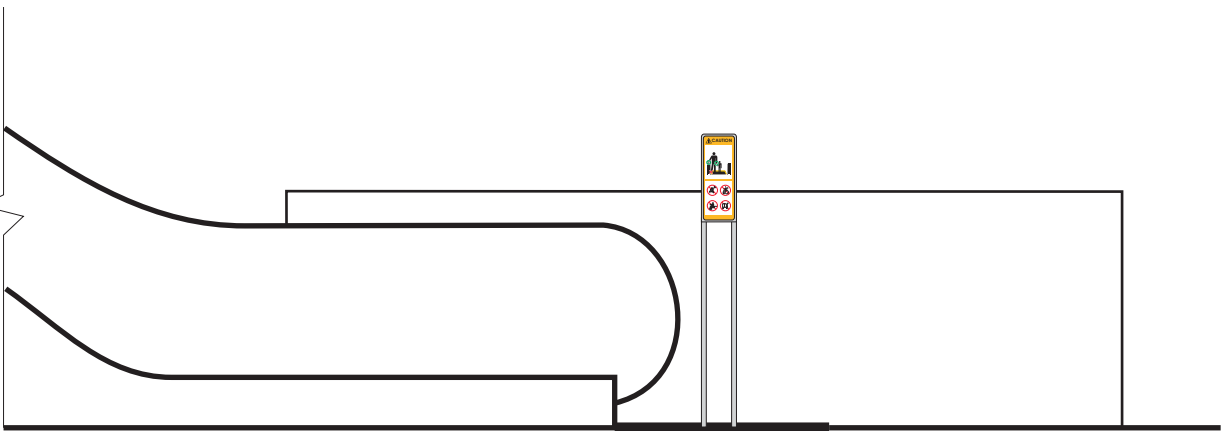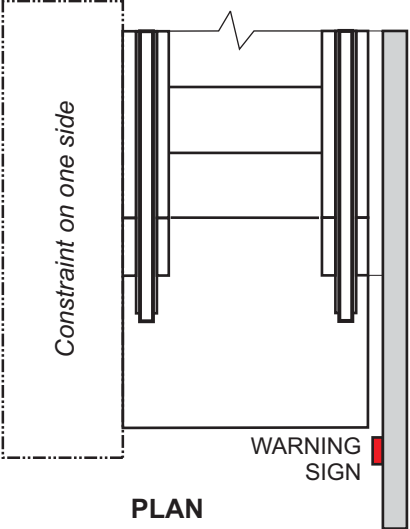
WARNING
SIGN

PLAN

Location and Application
Sign Code: EC1

Sign EC1: Floor-mounted
The situation presents a low parapet wall next to the escalator which can still afford to apply sign EC1 (in front of the parapet wall).

Note: Signage graphics are for illustration only - subject to change; to obtain templates from LTA-Architecture-Signage

Escalator / Travelator Warning Wall Sign - EC1(V)

BLACK HEADER TEXT:
HELVETICA; ON YELLOW
BACKGROUND: PMS123C

2MM THK POWDER-COATED ALUM PLATE
TO GRAY: RAL7012

BLACK SYMBOLS ON
WHITE BACKGROUND
WITH RED & GREEN HIGHLIGHTS
(CIRCLES, CROSS & BUTTON)
IN PMS485C, PMS355C

BLACK SYMBOLS ON
WHITE BACKGROUND
WITH RED HIGHLIGHTS
(CIRCLES, CROSS & BUTTON))

EC1(V)
Escalator Warning Sign
Surface Mounted (Wall)
Material: Printed vinyl on Aluminium backing

EC1(V-S)
Escalator Warning Sign
Surface Mounted
(for application on smooth glass surface only)
Material: Printed Vinyl Sticker

Escalator / Travelator Warning Sign -
Sign Code: EC1(V)
Sign Code: EC1(V-S)

This sign is the basic surface-mounted version with graphics in a vertical format, similar to Sign EC1.

Sign Code: EC1(V)
Material and Construction

Sign-face Panel:
• UV-resistant digitally-printed graphics on vinyl sticker with matt overlaminate, pasted onto 2mm thick powder-coated aluminium; gray-RAL7012
Mounting:
• Surface-mounted with industrial-strength double-sided adhesive tape.

Artwork and Graphics
• See illustration
• Always use the master softcopy for reference

Sign Code: EC1(V) (Note: for smooth glass surface only)

Material and Construction

Sign-face :
• UV-resistant digitally-printed graphics on vinyl sticker with matt overlaminate
Mounting:
• Pasted directly onto smooth glass surface.

Artwork and Graphics
• See illustration
• Always use the master softcopy for reference

Scenario:
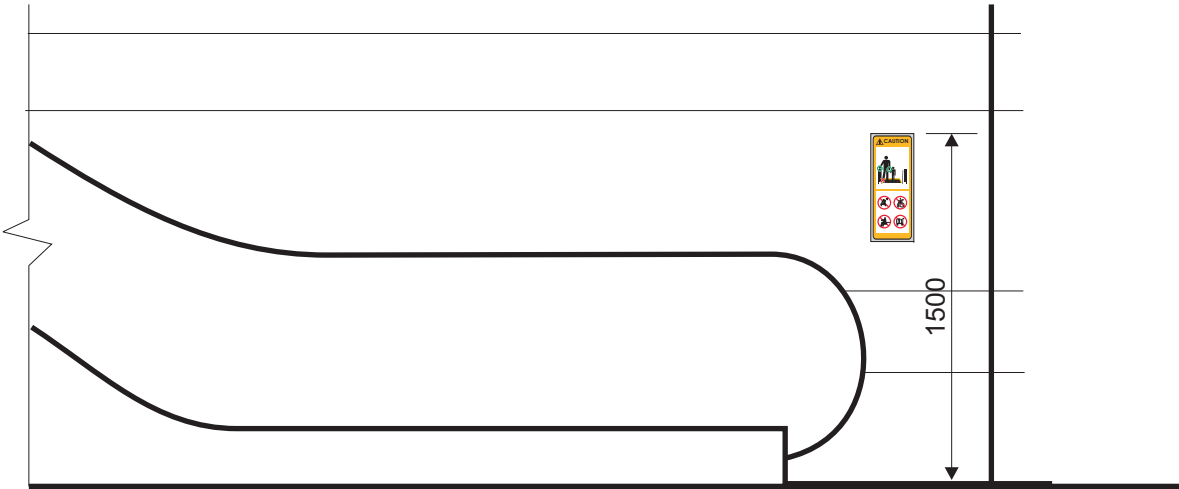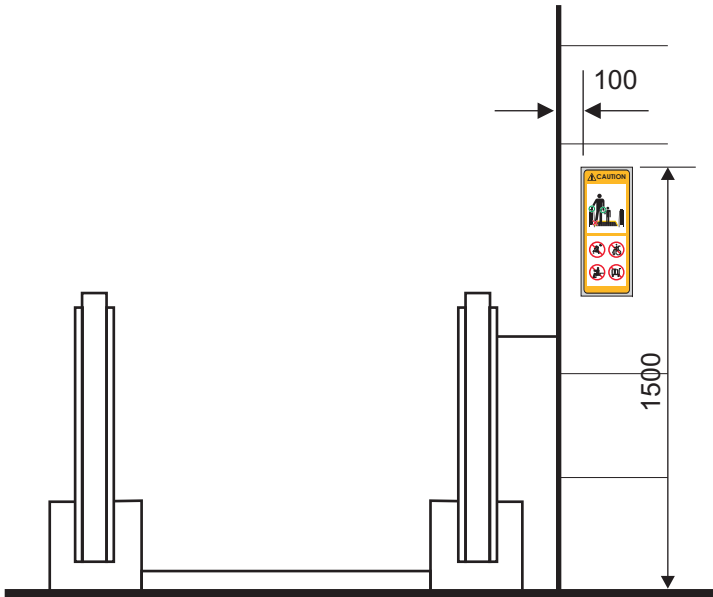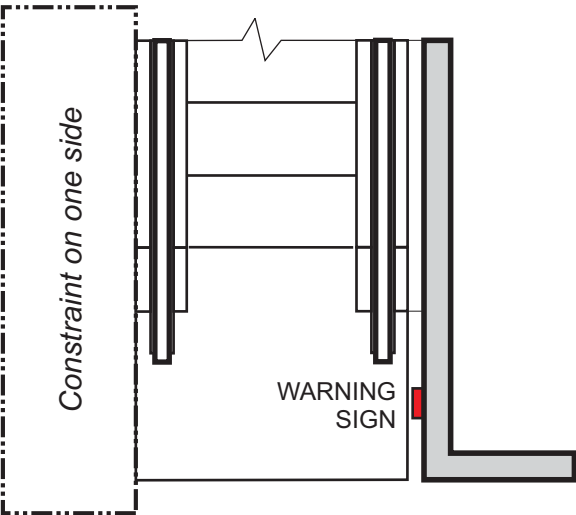**Constraints on one side, whilst the other side is abutting a full height wall (with a return)**

Position:
Surface/Wall-mounted;
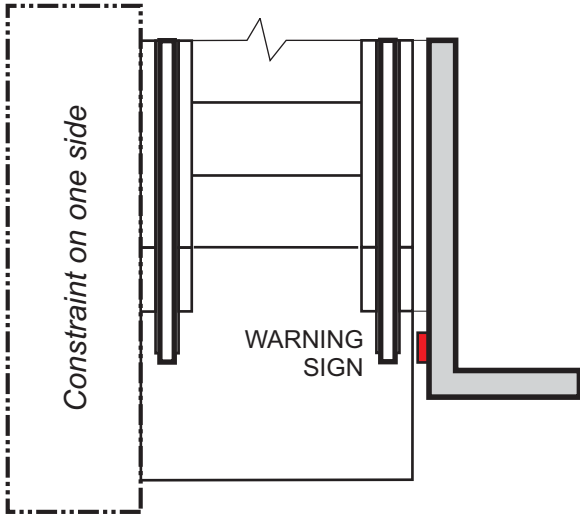**Escalator landing plate as reference**
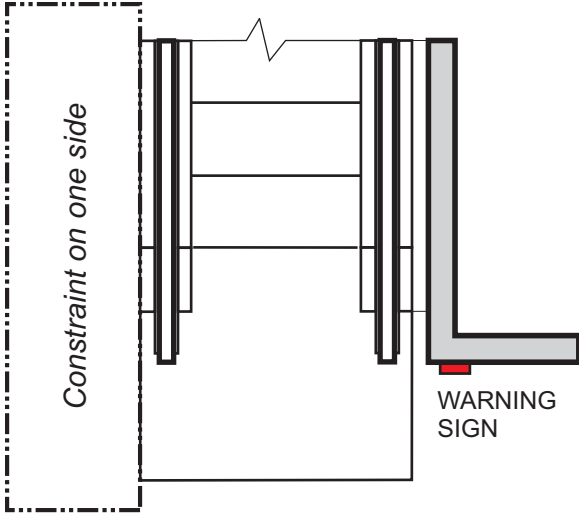
Location and Application
Sign Code: EC1(V)

Sign EC1(V) - Surface-mounted
The use of this version assumes that there are design constraints limiting the application of sign EC1 (the floor-mounted type).

The situation presents a wall (with a return) next to the escalator on which sign EC1(V) is assigned.

1500

SIDE ELEVATION

100

1500

FRONT ELEVATION

Constraint on one side

WARNING
SIGN

PLAN

Constraint on one side

WARNING
SIGN

PLAN

Constraint on one side

WARNING
SIGN

PLAN

Note: Signage graphics are for illustration only - subject to change; to obtain templates from LTA-Architecture-Signage

Scenario:
Where wall is of transparent glass

1500

SIDE ELEVATION

Constraint on one side
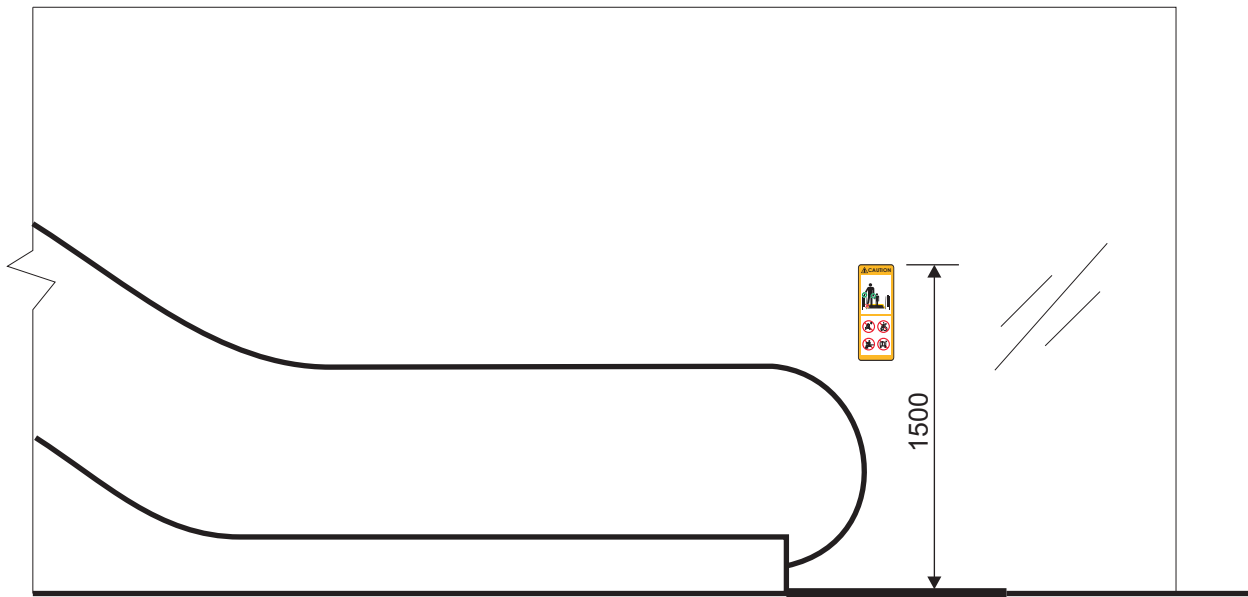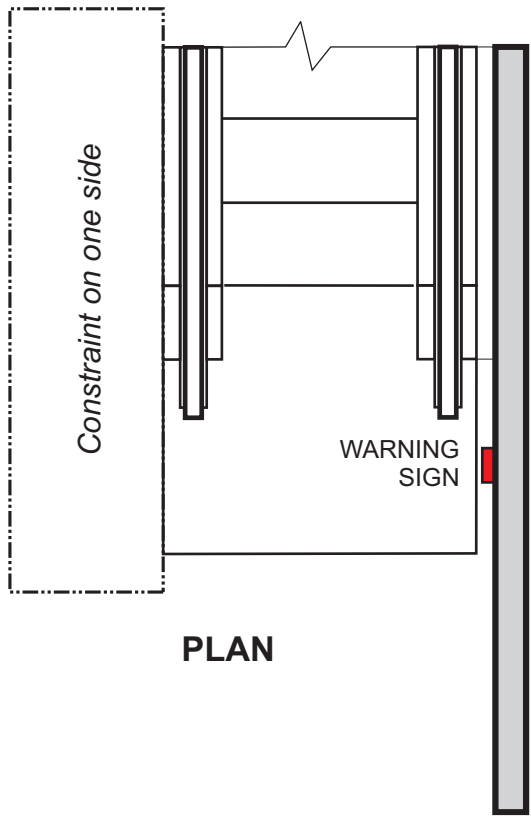
WARNING
SIGN

PLAN

Location and Application
Sign Code: EC1(V-S)

The situation presents a wall that is a smooth glass next to the escalator on which sign EC1(V-S) is assigned.

Escalator / Travelator Warning Wall Sign - EC1(V)

380

360

280

260

2MM THK POWDER-COATED ALUM PLATE
TO GRAY: RAL7012 30%GLOSS

BLACK HEADER TEXT:
HELVETICA; ON YELLOW
BACKGROUND: PMS123C

BLACK SYMBOLS ON
WHITE BACKGROUND
WITH RED HIGHLIGHTS
(CIRCLES, CROSS & BUTTON))

EC1(H)
Escalator Warning Sign
Surface Mounted on Low Parapet Wall
Material: Printed Vinyl on Aluminium backing

360

50

260

190

20

BLACK HEADER TEXT:
HELVETICA; ON YELLOW
BACKGROUND: PMS123C

BLACK SYMBOLS ON
WHITE BACKGROUND
WITH RED HIGHLIGHTS
(CIRCLES, CROSS & BUTTON))

10   165   10   165   10

EC1(B)
Escalator Warning Sign
Surface Mounted on Escalator Baluster Face
Material: Printed Vinyl Sticker

Escalator / Travelator Warning Sign -
Sign Code: EC1(H)
Sign Code: EC1(B)

Sign Code: EC1(H)

This sign is the basic surface-mounted version with graphics in a horizontal format to suit particular situations around the escalator.

Material and Construction

Sign-face Panel:
- UV-resistant digitally-printed graphics on vinyl sticker with matt overlaminate, against a backing of 2mm thick powder-coated aluminium; gray-RAL7012

Mounting:
- Mounted with industrial-strength double-sided adhesive tape on smooth wall surfaces.
- On plaster and painted wall surfaces: stainless steel screws, washers and wall-plugs

Artwork and Graphics
- See illustration
- Always use the master softcopy for reference

Sign Code: EC1(B)

This sign is the basic surface-mounted version with graphics in a horizontal format, similar to Sign EC1(H); on escalator baluster inner face.

Material and Construction

Sign-face Panel:
- UV-resistant digitally-printed graphics on vinyl sticker with matt overlaminate.

Mounting:
- Mounted directly on substrate.

Artwork and Graphics
- See illustration
- Always use the master softcopy for reference

Note: Signage graphics are for illustration only - subject to change; to obtain templates from LTA-Architecture-Signage

75

Parapet Wall

FRONT ELEVATION

Scenario:
Constraints on one side, whilst the other side is abutting a low parapet wall (with a return).

Position:
Surface/Wall-mounted

Remarks: This may be applied if application of floor-mounted type is constrained.
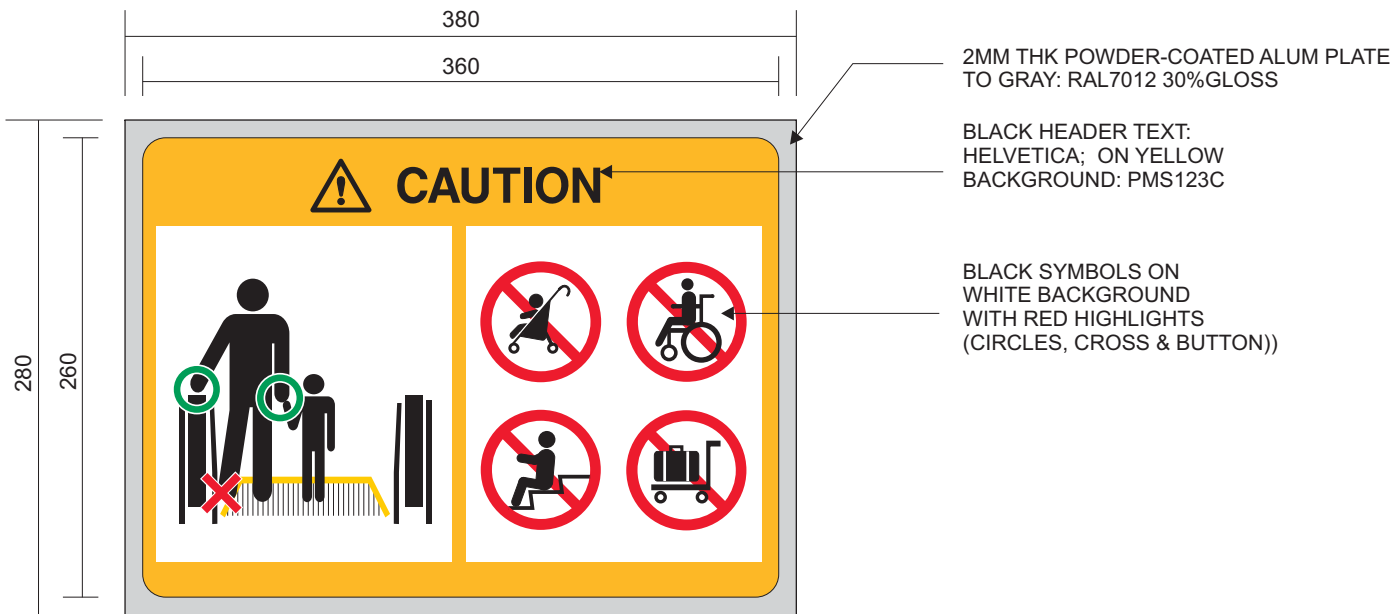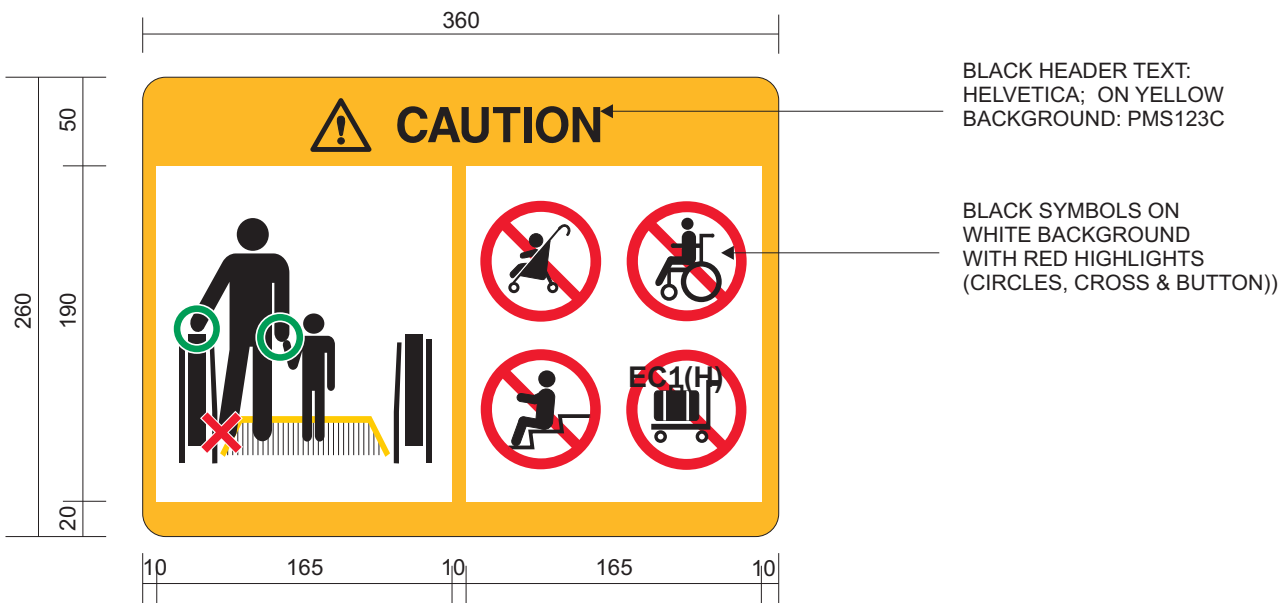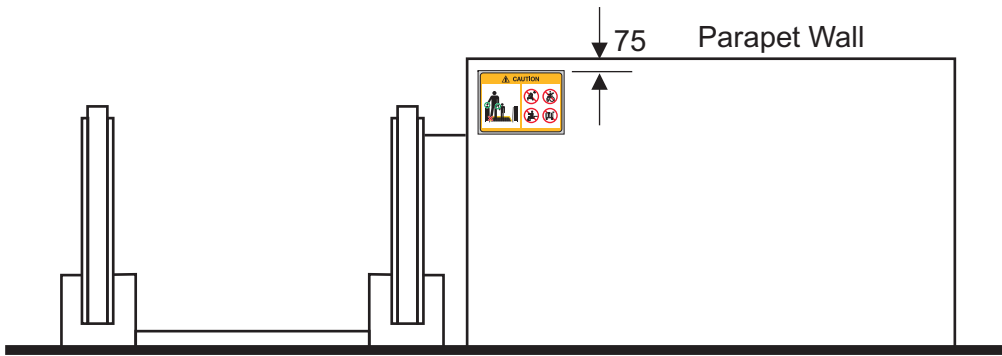
Location and Application

Sign EC1(H) - (Surface-mounted; horizontal format):
This scenario assumes that there are design constraints limiting the use of sign EC1.

The situation presents a low parapet wall next to the escalator on which to assign EC1(H).
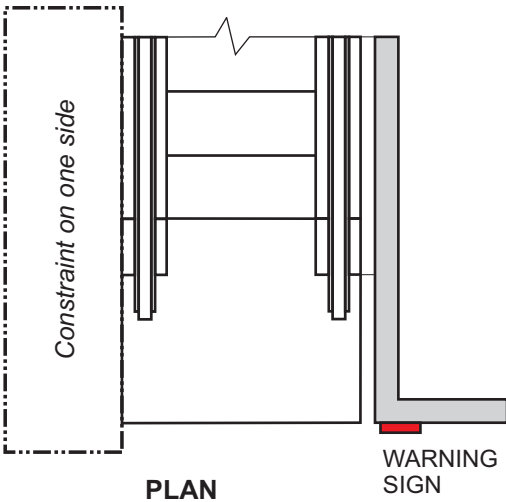
Constraint on one side

WARNING SIGN

PLAN

Constraint on one side

WARNING SIGN

PLAN

Constraint on one side

WARNING SIGN

PLAN

75

SIDE ELEVATION

Constraint on one side

WARNING SIGN

PLAN

Note: Signage graphics are for illustration only - subject to change; to obtain templates from LTA-Architecture-Signage

Scenario:
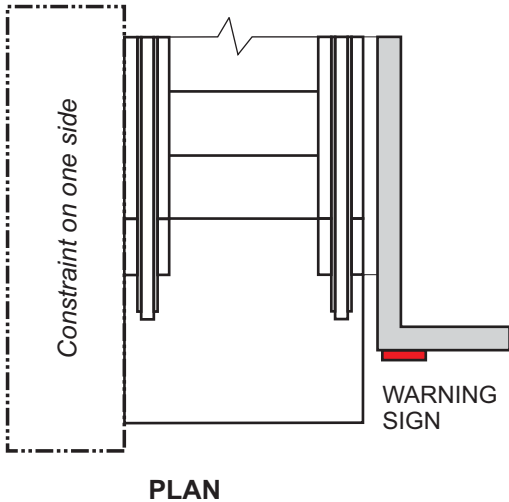**Constraints on one side, whilst the other side is abutting a low parapet wall (with a return).**

Position:
Surface/Wall-mounted

Remarks:
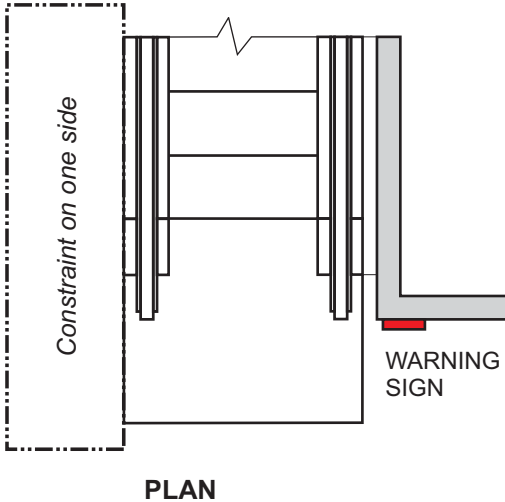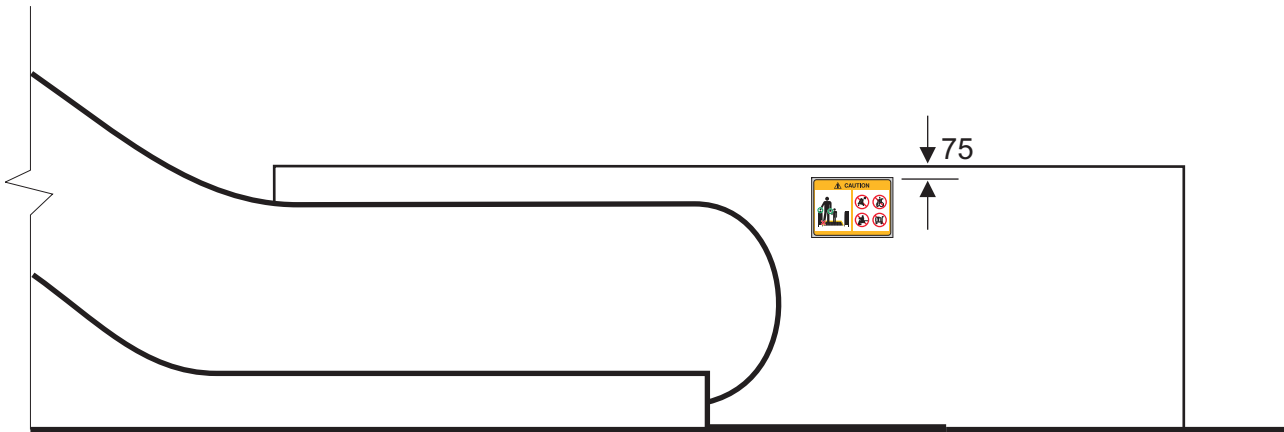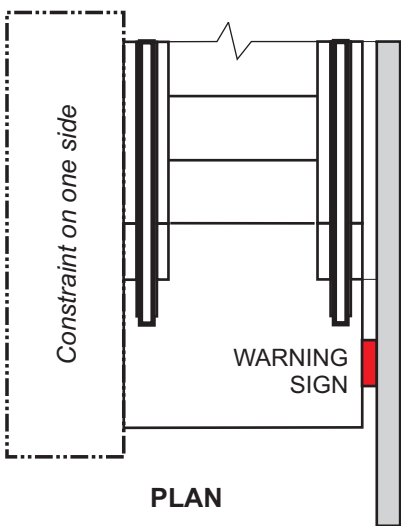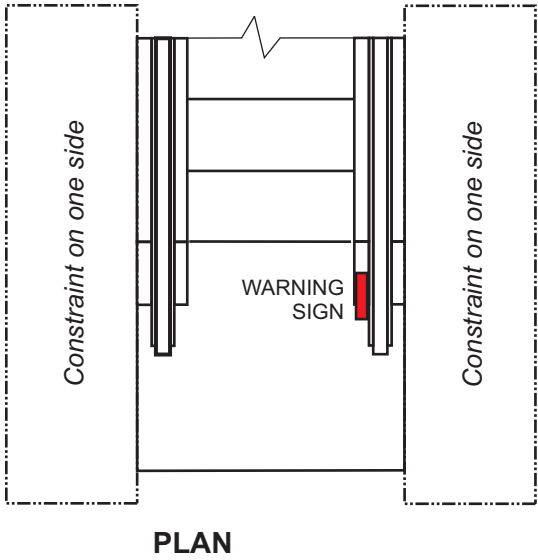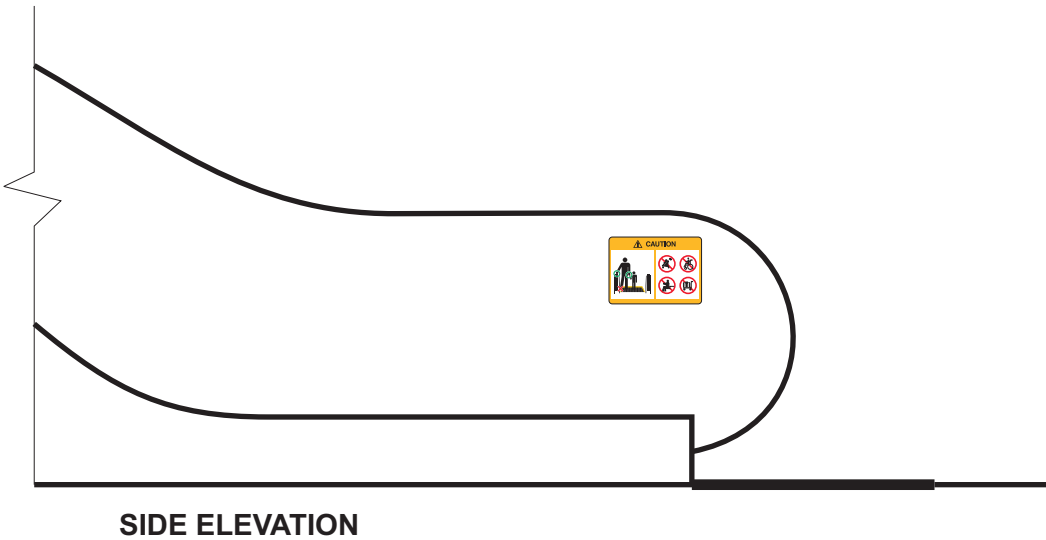**This may be applied if application of floor-mounted type is constrained.**

SIDE ELEVATION

Constraint on one side

Constraint on one side

WARNING
SIGN

PLAN

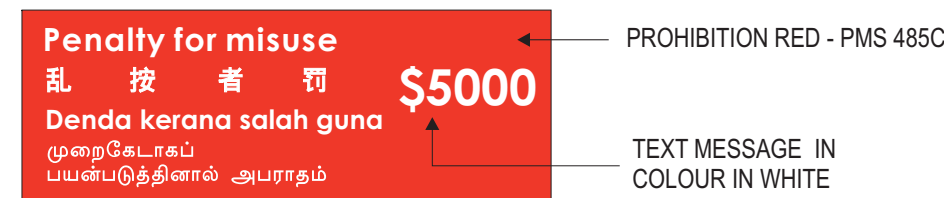## Location and Application

Sign EC1(B):
When other versions are unable to be applied due to design constraints, sign EC1(B) may be assigned to the escalator balustrude.

However, it must be highlighted that sign EC1(B) affords the *least* visibility compared to the other versions.

Note: Signage graphics are for illustration only - subject to change; to obtain templates from LTA-Architecture-Signage

Penalty For Misuse (of Emergency Button) Sign - EC2

Penalty for misuse
乱 按 者 刑 **$5000**
Denda kerana salah guna
முறைகேடாகப்
பயன்படுத்தினால் அபராதம்

PROHIBITION RED - PMS 485C

TEXT MESSAGE IN
COLOUR IN WHITE

Sign code: EC2
Penalty For Misuse (of Emergency Button) Sign
Size : 70mm x 25mm

B2E01

B2E01

INDICATIVE LOCATIONS OF SIGNS

'PENALTY FOR MISUSE
OF EMERGENCY BUTTON'
SIGN

B2E01

ESCALATOR ASSET
CODE SIGN

ESCALATOR FRONT ELEVATION

### Penalty For Misuse (of Emergency Button) Sign - Sign Code: EC2

A message is placed around the button to warn about the consequences of misuse.

Material and Construction

Sign-face Panel:
- UV-resistant digitally-printed graphics on vinyl sticker with matt overlaminate, against a backing of on 2mm thick polycarbonate.

Mounting:
- Surface mounted: Industrial-strength double-sided adhesive tape

Artwork and Graphics
- See illustration
- Always use the master softcopy for reference
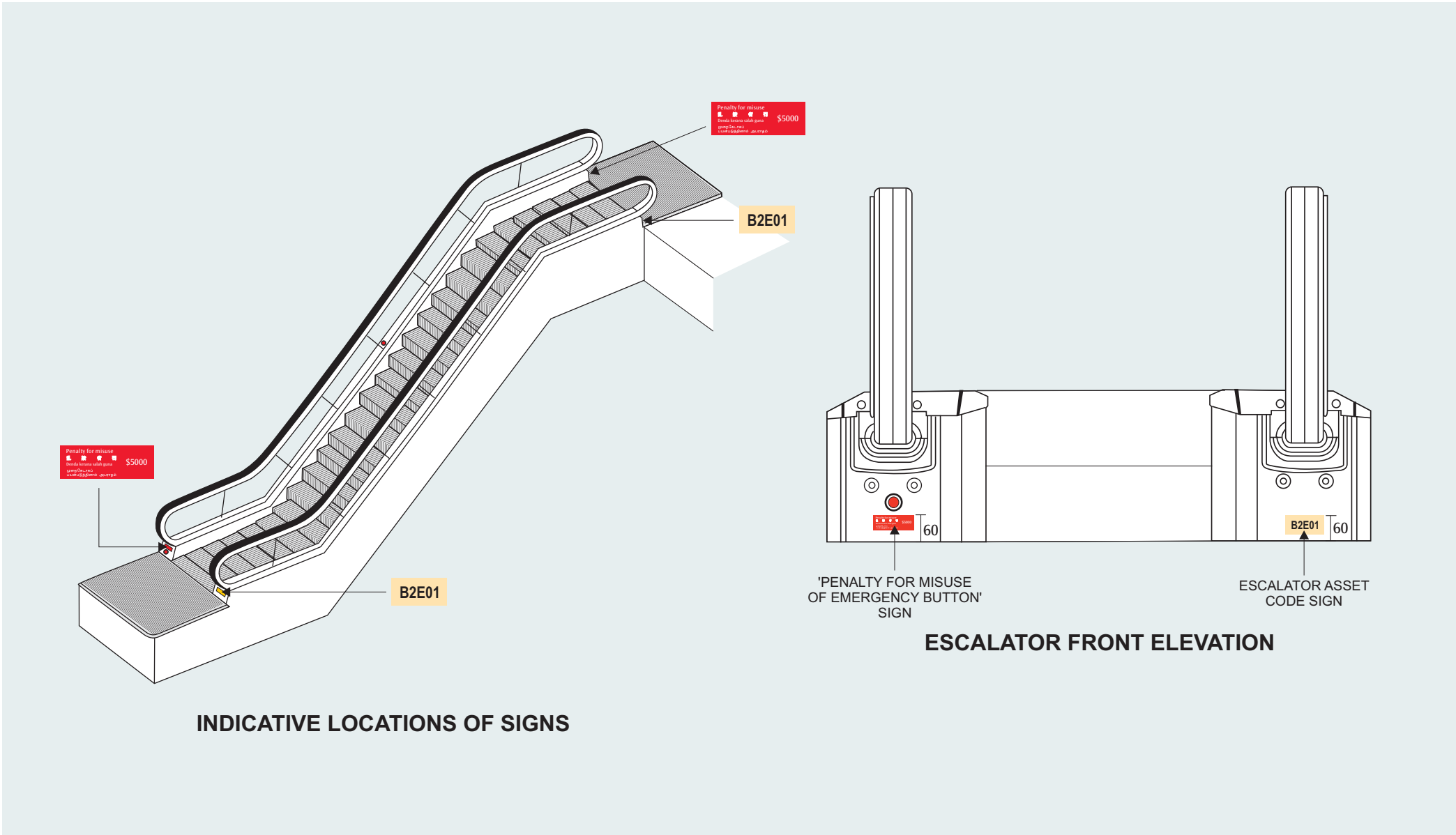
Escalator Asset Code Sign - EC3

BLACK TEXT (ARIAL NARROW)
AGAINST YELLOW BACKGROUND
(PMS 123C)

B2E01

10.5

Sign code: EC3
Escalator Asset Code Sign
Size : 50mm x 25mm

Escalator Asset Code Sign - Sign Code: EC3

A alphanumeric code is assigned to identify the escalator for future maintenance purposes.

Material and Construction

Sign-face Panel:
- UV-resistant digitally-printed graphics on vinyl sticker with matt overlaminate, against a backing of on 2mm thick polycarbonate.
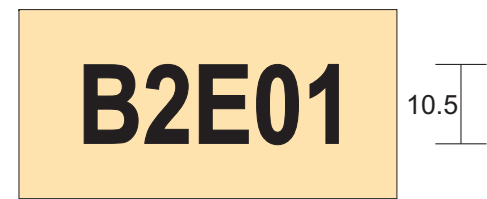
Mounting:
- Surface mounted: Industrial-strength double-sided adhesive tape

Artwork and Graphics
- See illustration
- Always use the master softcopy for reference

B2E01

B2E01

INDICATIVE LOCATIONS OF SIGNS

'PENALTY FOR MISUSE
OF EMERGENCY BUTTON'
SIGN

B2E01

ESCALATOR ASSET
CODE SIGN

ESCALATOR FRONT ELEVATION

Emergency Button with Penalty For Misuse Sign - EC4

**Emergency
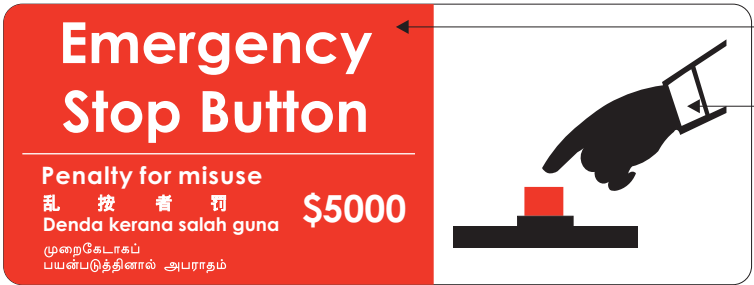Stop Button**

Penalty for misuse
乱 按 者 罚
Denda kerana salah guna **$5000**
முறைகேடாகப்
பயன்படுத்தினால் அபராதம்
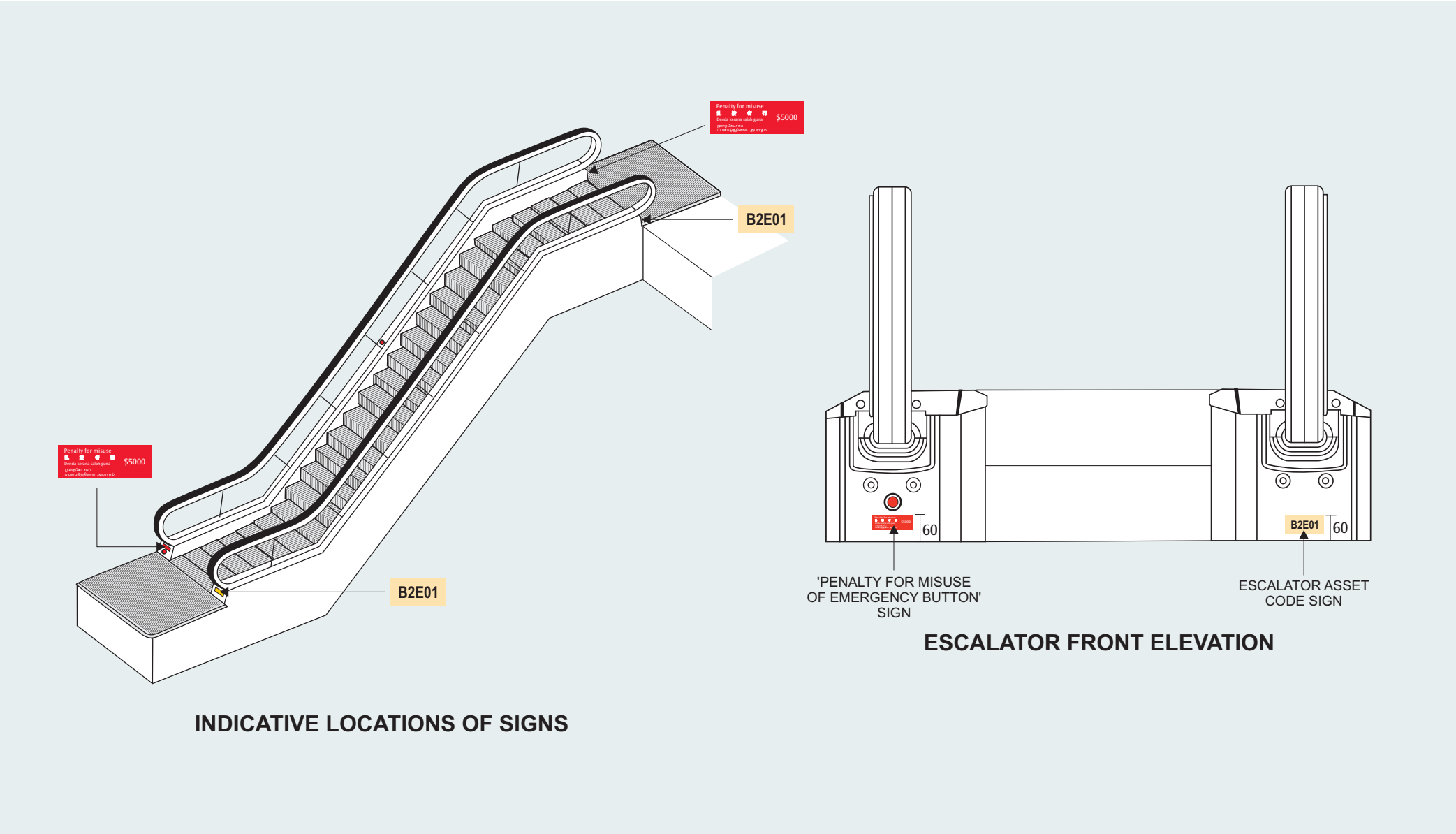
WHITE TEXT ON RED
BACKGROUND: PMS485C
TYPEFACE: HELVETICA MEDIUM

PICTOGRAM IN BLACK LINES
ON WHITE BACKGROUND;
EXCEPT BUTTON IN RED (PMS485C)

Sign code: EC4
Emergency Button With Penalty For Misuse Sign
Size: 200mm x 75mm

**Emergency
Stop Button**
$5000

EC4
Emergency Button With Penalty For Misuse Sign

INDICATIVE LOCATIONS OF SIGNS

**Emergency Stop Button With Penalty For Misuse
Sign
Sign Code: EC4**

This sign highlights the location of the Emergency Stop Button at mid-rail.
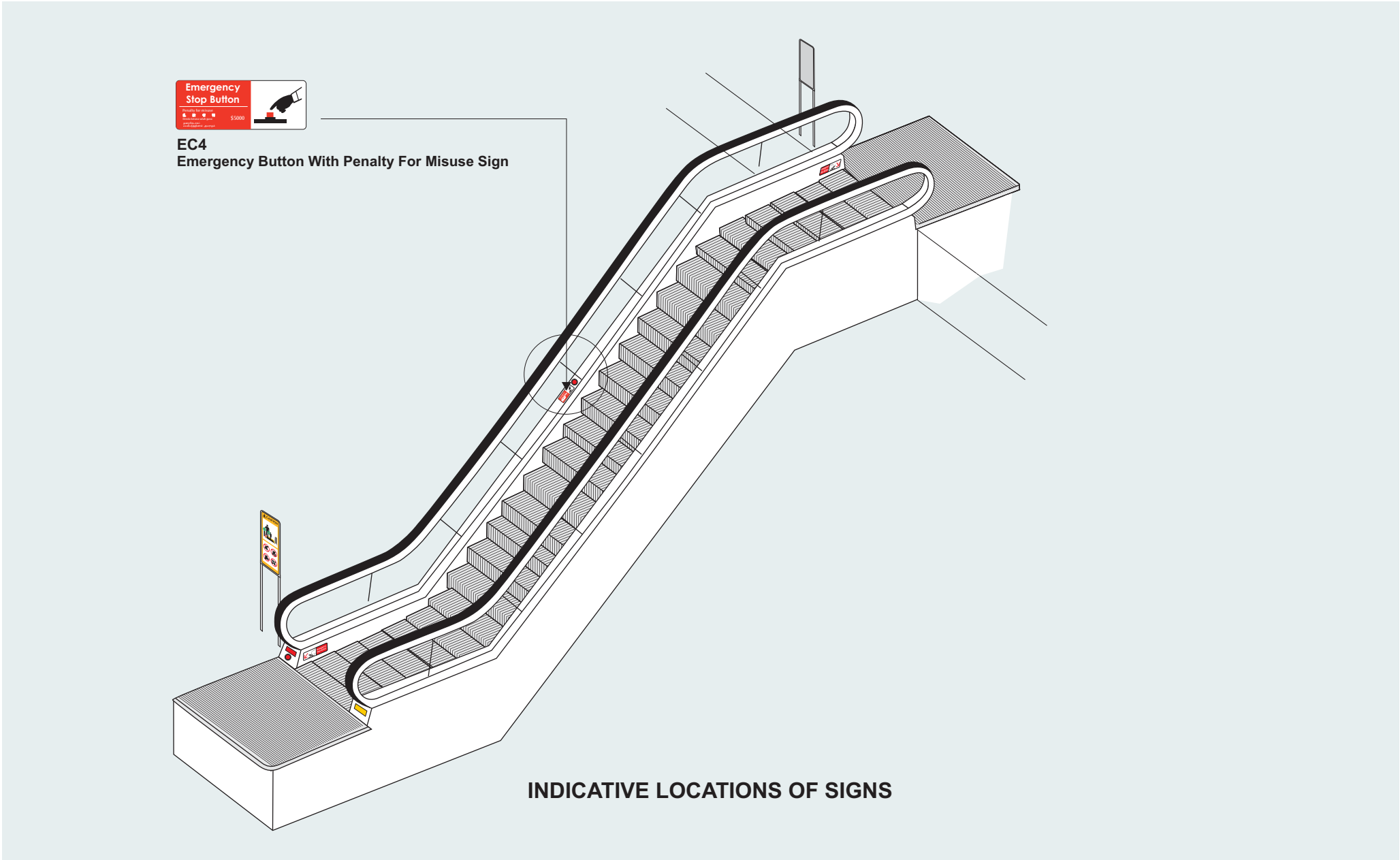
Location and Application

- Applied on at the middle of the escalator side balustrade near the stop button.
- Note left-hand-side and right-hand-side application depending on the location of the stop button

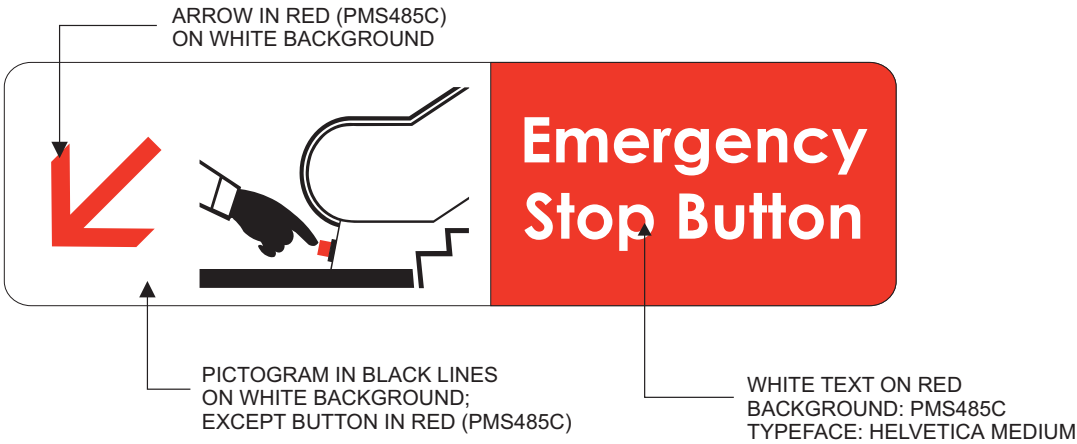### Material and Construction

Sign-face Panel:
- UV-resistant digitally-printed graphics <u>reversed</u> on 0.5mm thick, transparent, non-reflective polycarbonate (as protective front) with self-adhesive liner or industrial strength double-sided tape

Mounting:
- Surface-mounted: Pasted directly on substrate.

Artwork and Graphics
- See illustration
- Always use the master softcopy for reference

Escalator / Travelator Emergency Stop Button Sign - EC5

ARROW IN RED (PMS485C)
ON WHITE BACKGROUND

PICTOGRAM IN BLACK LINES
ON WHITE BACKGROUND;
EXCEPT BUTTON IN RED (PMS485C)

WHITE TEXT ON RED
BACKGROUND: PMS485C
TYPEFACE: HELVETICA MEDIUM

Sign code: EC5
Escalator / Travelator Emergency Stop Button Sign
Size: 275mm x 75mm

**VARIATIONS DEPENDING
ON LOCATION OF BUTTON**

Escalator / Travelator Emergency Stop Button Sign - Sign Code: EC5

This sign highlights the location of the Emergency Stop Button at the top and bottom rail.

Location and Application
• Applied on at the bottom of the balustrade near the stop button.
• One for each button (at the top of escalator and bottom of escalator)
• Note left-hand-side alignment and right-hand-side alignment depending on the location of the stop button

Material and Construction

Sign-face Panel:
• UV-resistant digitally-printed graphics reversed on 0.5mm thick, transparent, non-reflective polycarbonate (as protective front) with self-adhesive liner or industrial strength double-sided tape.

Mounting:
• Surface-mounted: Pasted directly on substrate.

Artwork and Graphics
• See illustration
• Always use the master softcopy for reference

SIGN IS SURFACE MOUNTED ON THE BALUSTER-FACE; ARROW IS POINTING TO THE LOCATION OF THE BUTTON

SIGN IS SURFACE MOUNTED AT THE BOTTOM OF THE ESCALATOR SURFACE; ARROW IS POINTING TO THE LOCATION OF THE BUTTON