



建築物無障礙設施 設計規範

講師:楊檔巖

無障礙設施



- * 係指定著於建築物之建築構件（含設備），使建築物、空間為行動不便者可獨立到達、進出及使用。
- * 無障礙通路、樓梯、升降設備、廁所盥洗室、浴室、輪椅觀眾席位、停車空間、無障礙標誌、無障礙客房。

尺寸

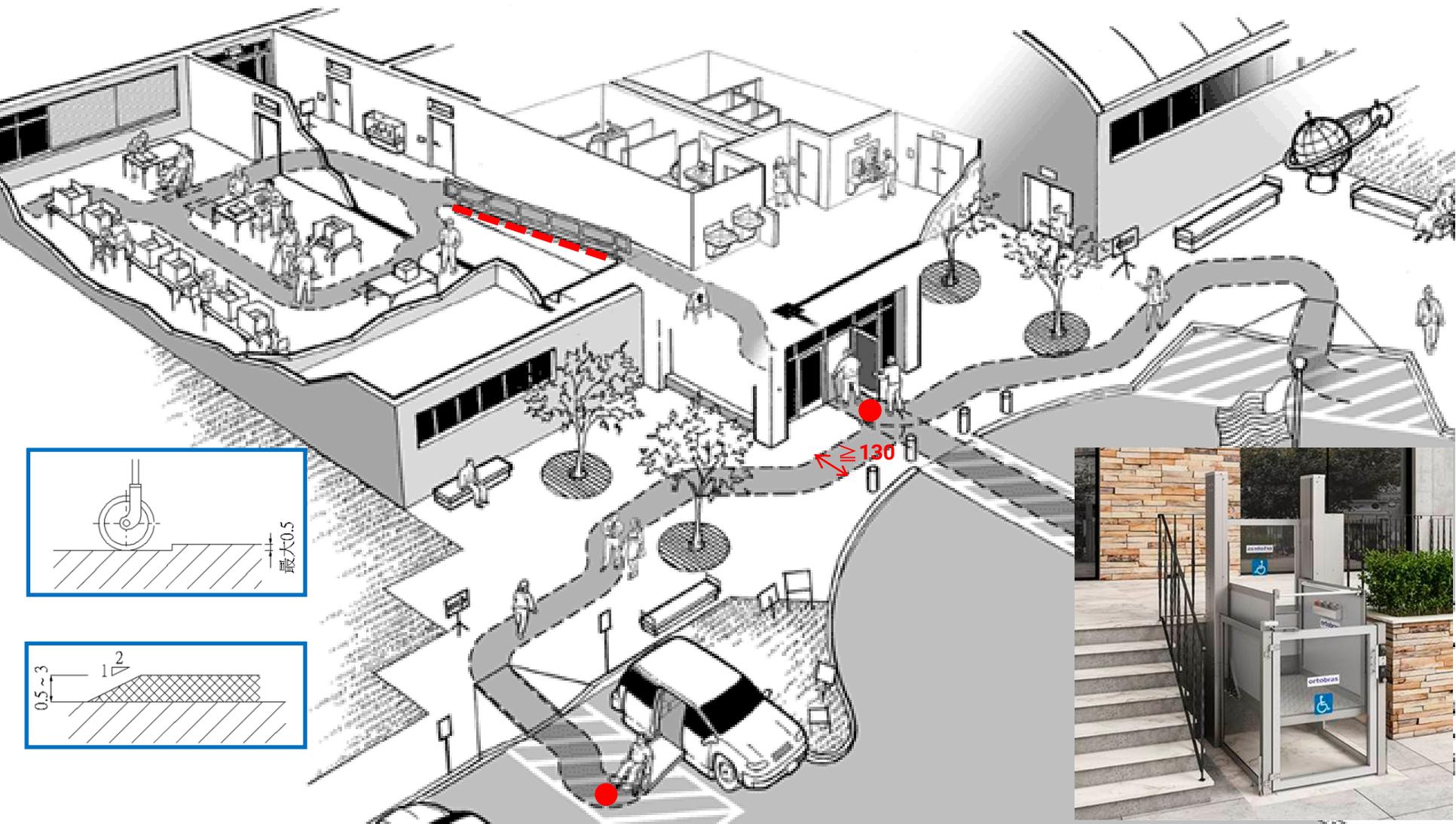


- * 本規範中未註明「最大」、「最小」或「限定範圍」（如3-5 公分）者，所有該項尺寸的誤差不得大於**3%**。

① 無障礙通路

應由以下一個或多個設施組成，包括**室外通路**、**室內通路走廊**、**出入口**、**坡道**、**扶手**、**昇降設備**、**升降平台**等

通路地面應平整、防滑且易於通行



行動不便者用動力操作升降平台 - 安全、尺度及功能性 操作之規則 - 第1部：垂直升降平台



本標準係在規定行動不便者無論有無照護人員陪伴，站立或坐立於輪椅時，所使用之永久設置動力操作垂直升降平台的安全規則、尺度及功能性操作。

本標準限定用在下列升降平台：

1. 升降於兩固定高度之間者。
2. 無升降路封閉且未貫穿樓層者。
 - (1) 行進路程在 2.0m 以下。
 - (2) 在私人住宅，行進路程在 4.0m 以下。
3. 有升降路封閉者，行進路程在 4.0m 以下。
4. 額定速率不超過 0.15 m/s。
5. 行進路程之路線距離垂直線不超過 15°。
6. 額定荷重不小於 250 kg。

行動不便者用動力操作升降平台 - 安全、尺度及功能性 操作之規則 - 第2部：坐式、立式及輪椅使用者在傾斜面 移動使用之**動力式樓梯升降機**

...樓梯非屬本規範所規定之無障礙通路範疇，故CNS15830-2行動不便者用動力操作升降平台 - 安全、尺度及功能性操作之規則 - 第2部：坐式、立式及輪椅使用者在傾斜面移動使用之動力式樓梯升降機**非屬本規範第2章無障礙通路所規定之昇降平台。**



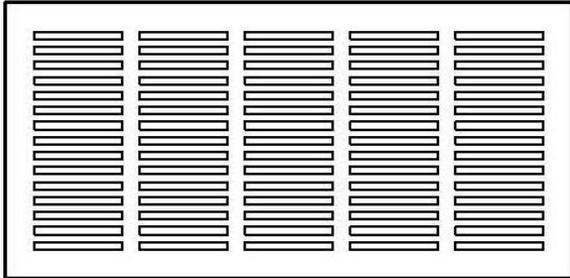
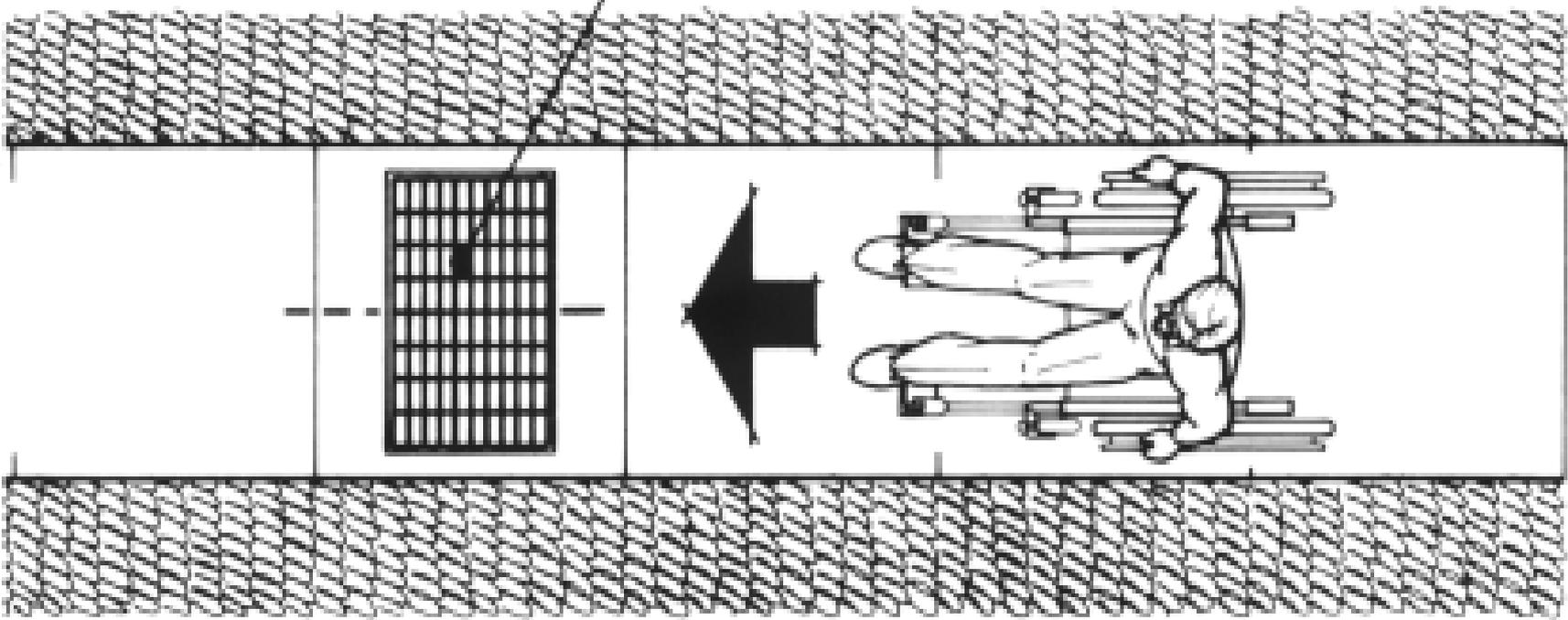


室外通路設有坡道，並於側邊設有階梯時，為利視覺障礙者使用應於階梯終端設置終端警示設施，其寬度不得小於130公分或該階梯寬度

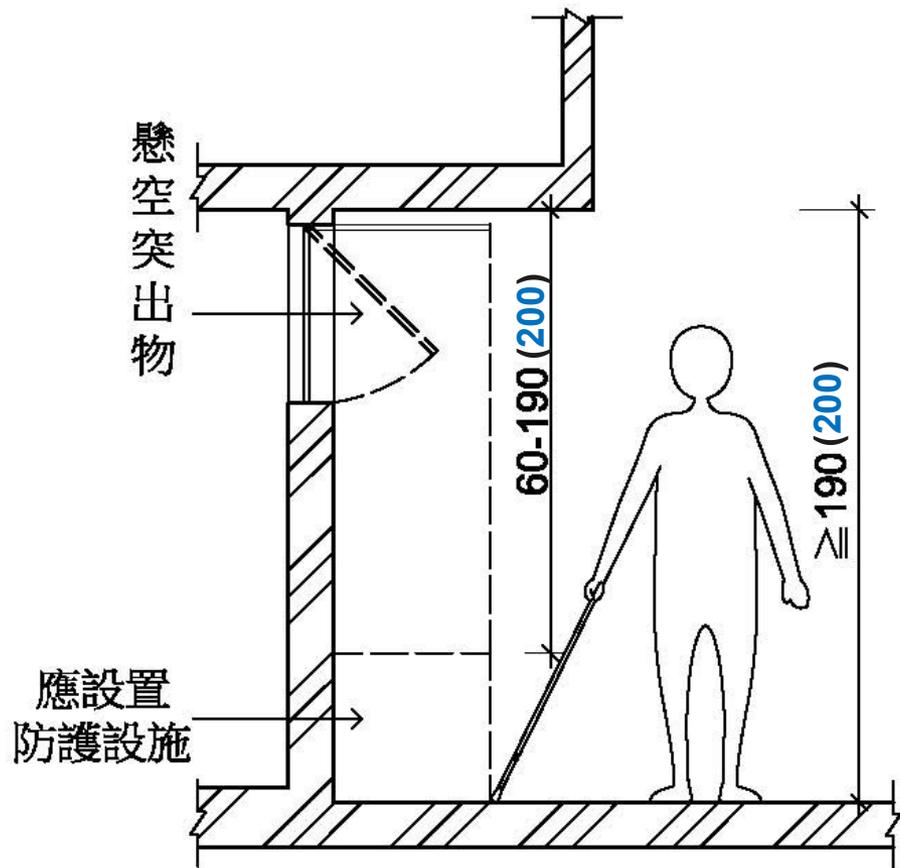
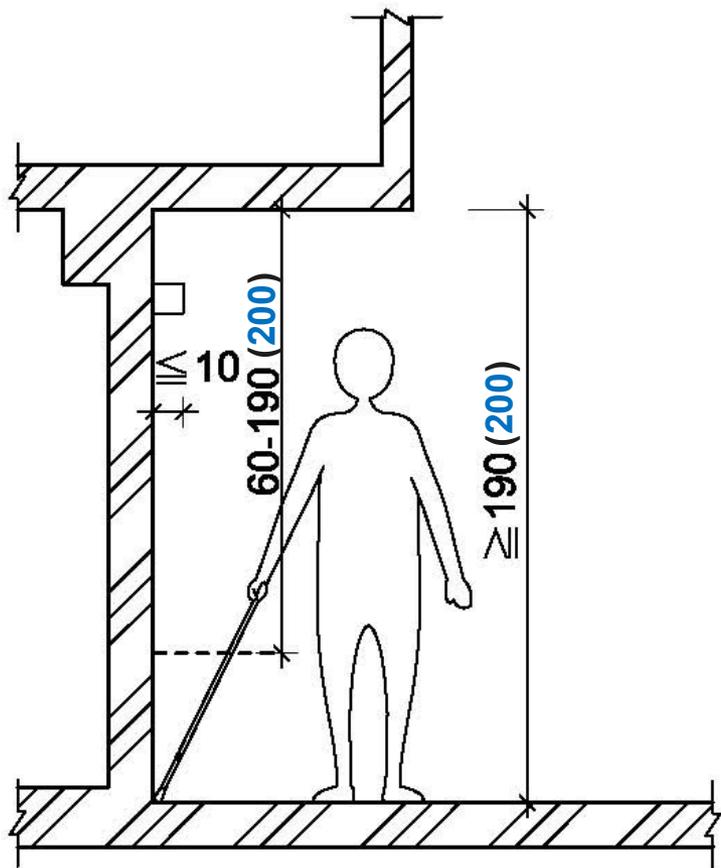
UNITED STATES

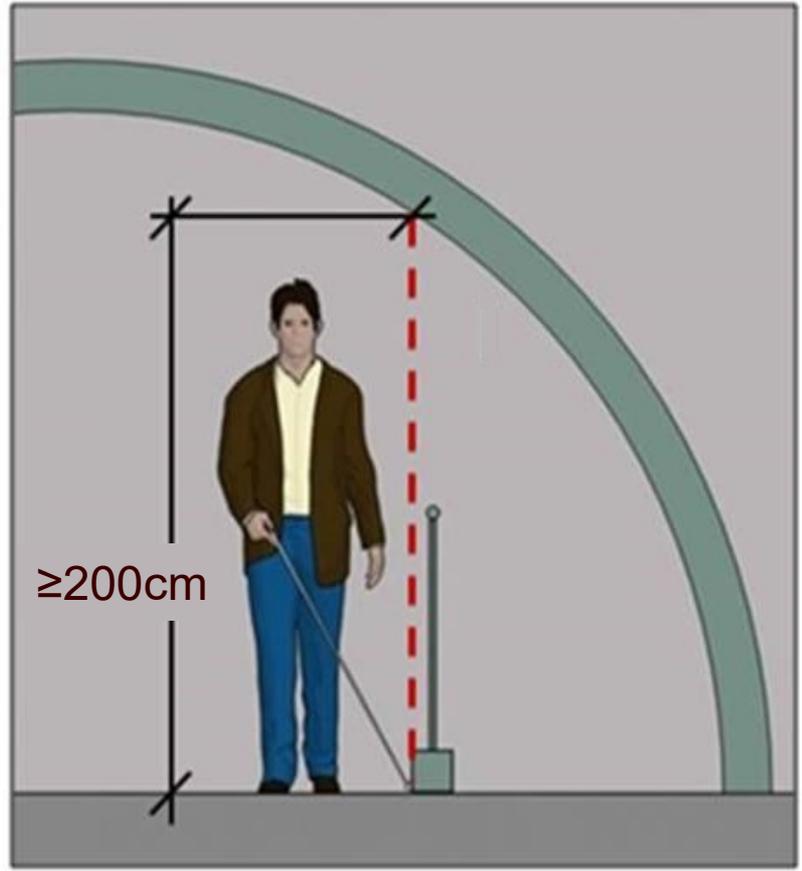
DEPARTMENT
OF AGRICULTURE
SOUTH BUILDING





*
≤1.3

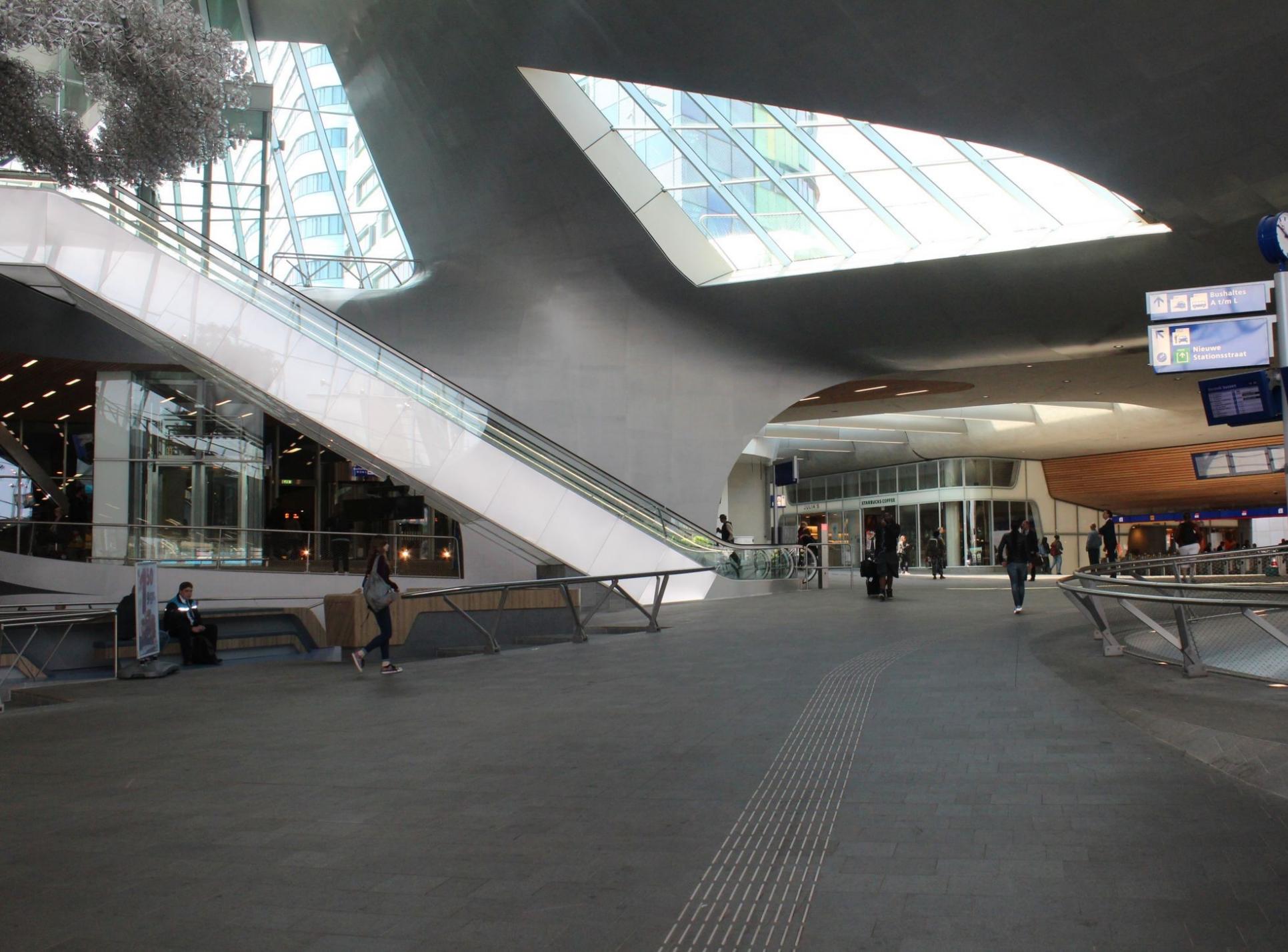








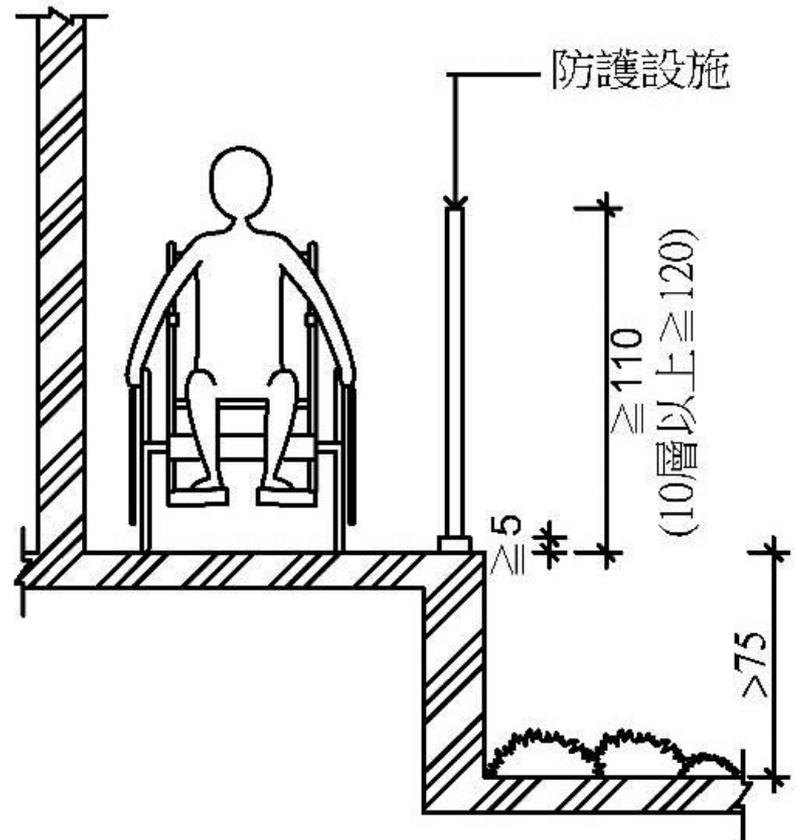
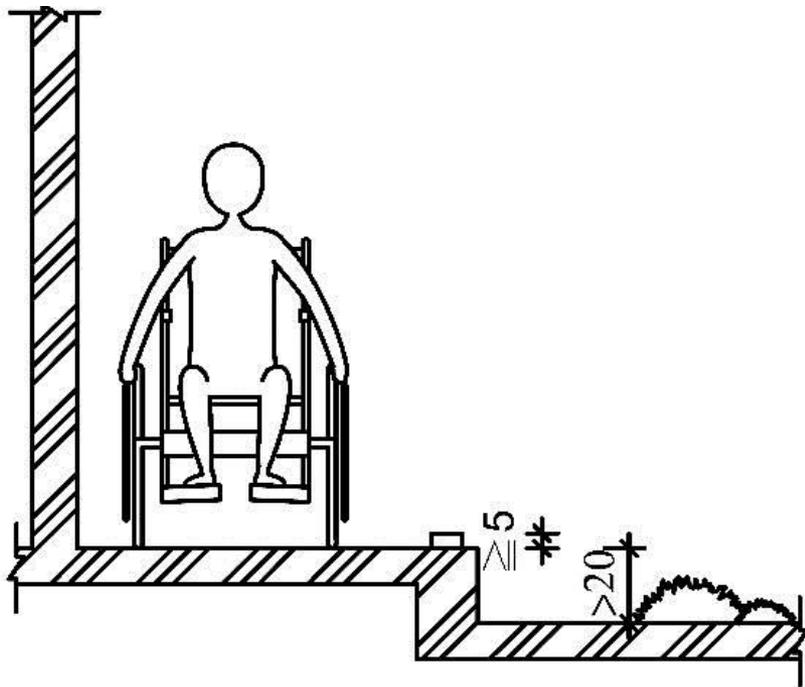




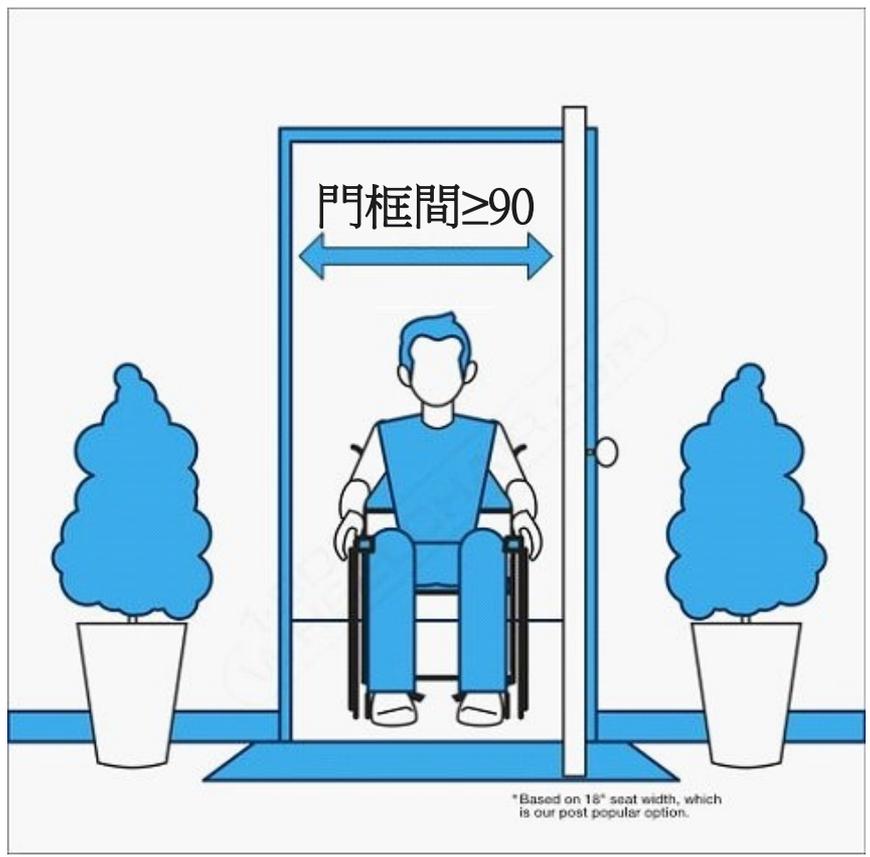
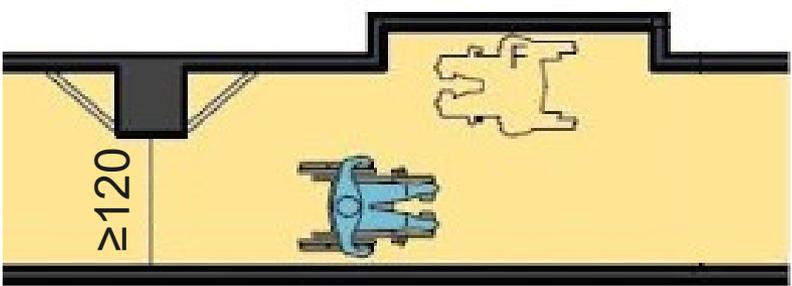
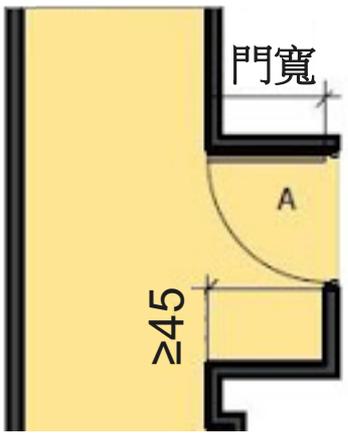
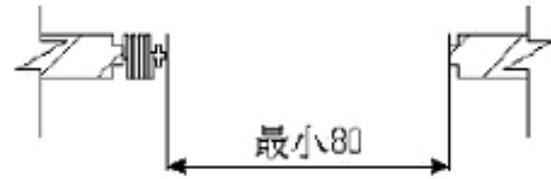
Bushaltes
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Nieuwe
Stationsstraat

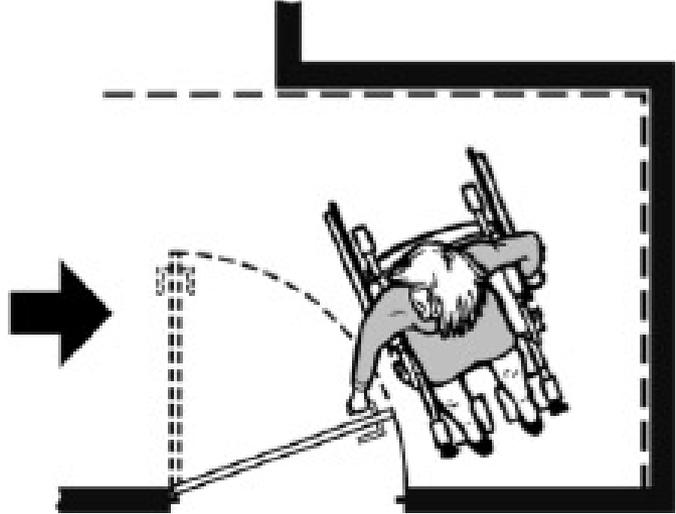
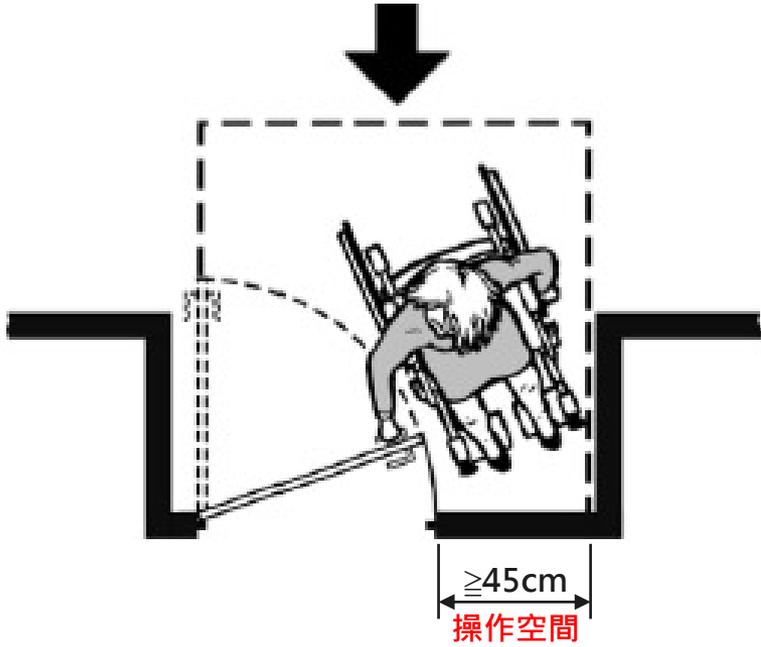
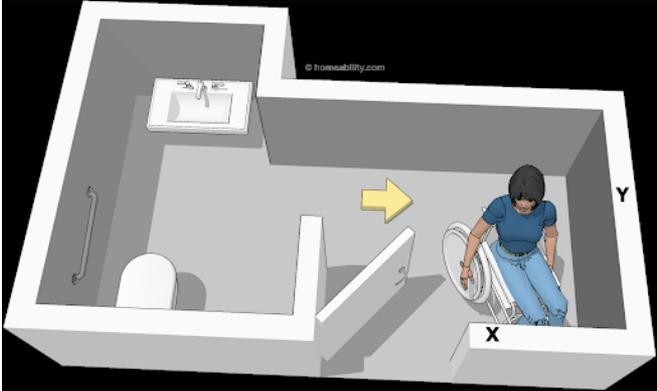
STARBUCKS COFFEE

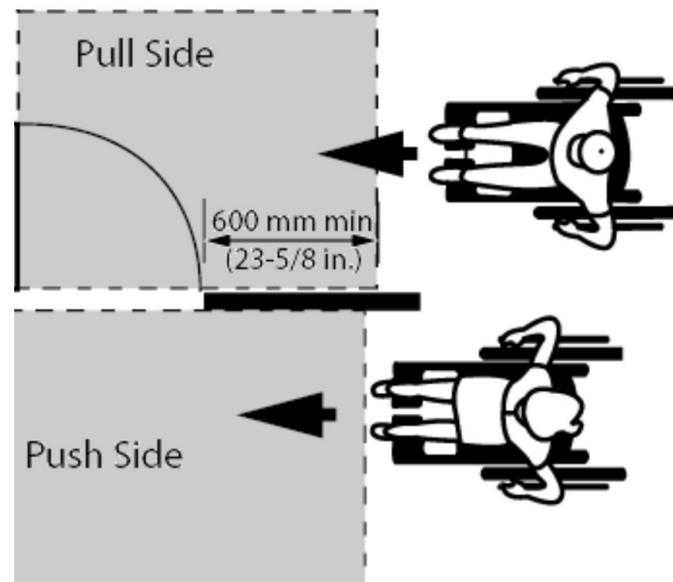
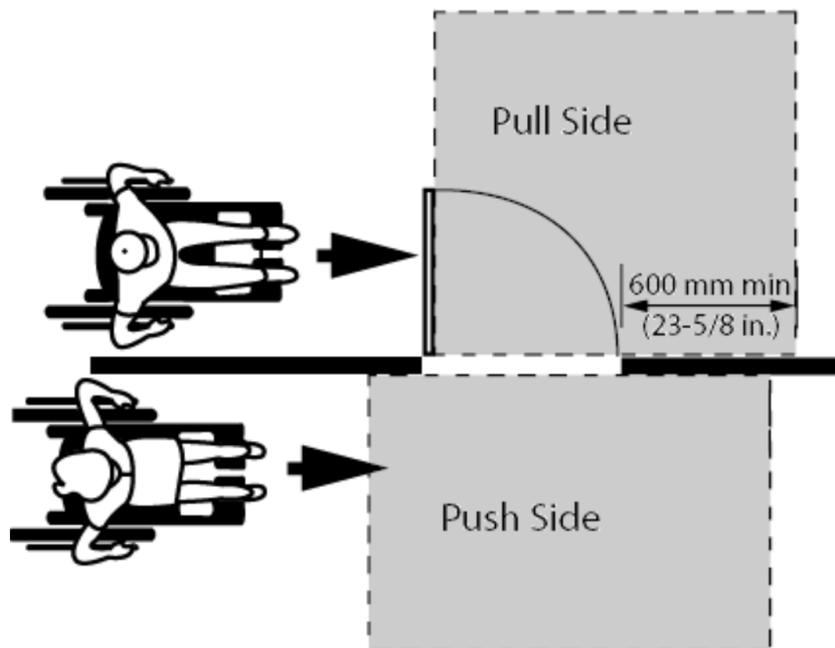


● 室內通路

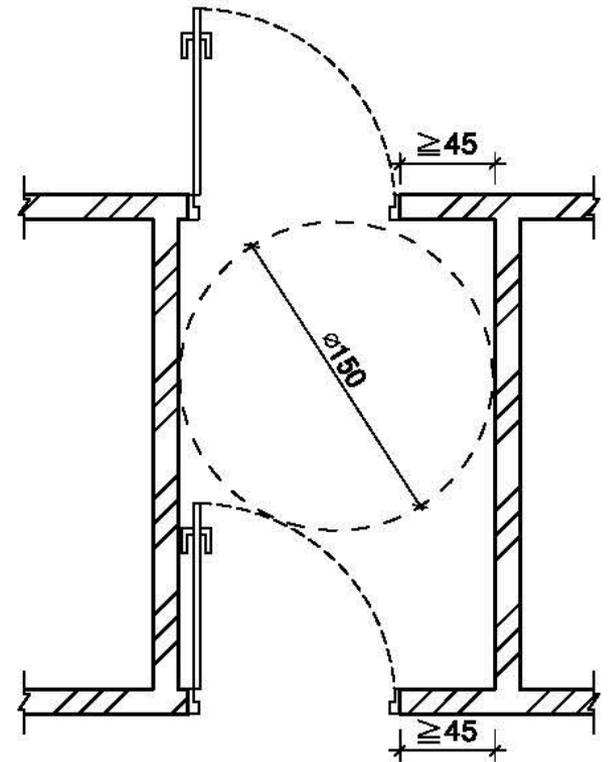
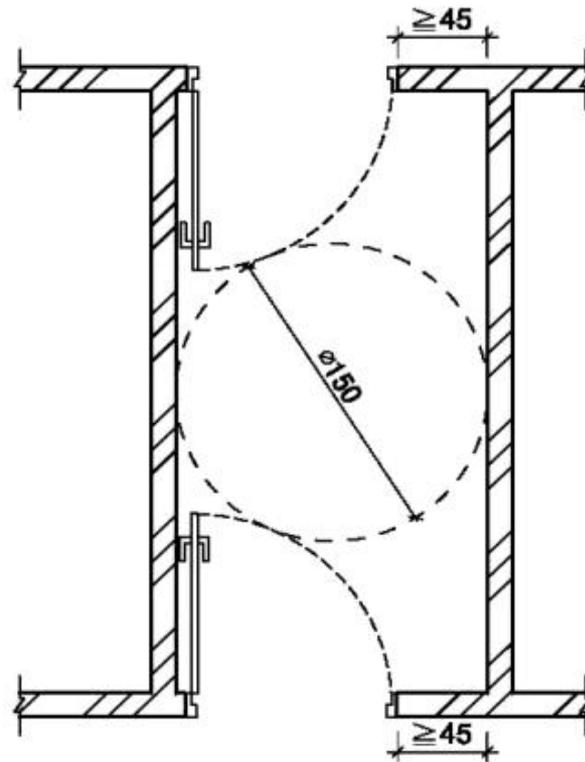
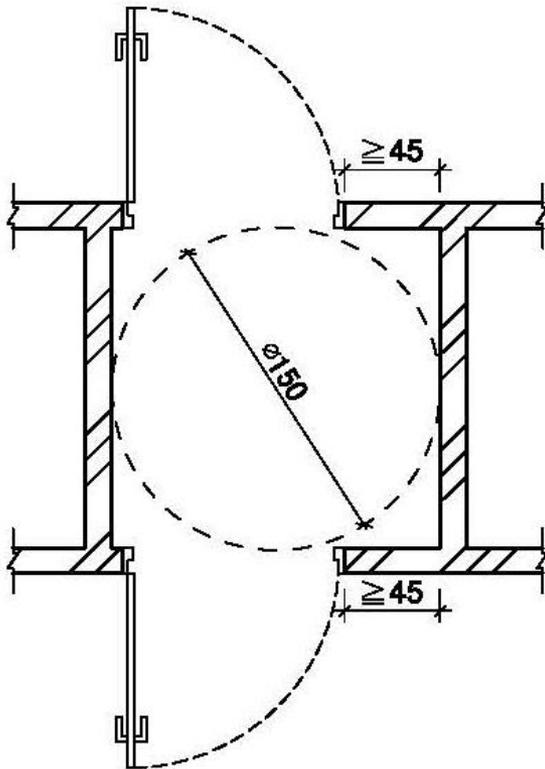


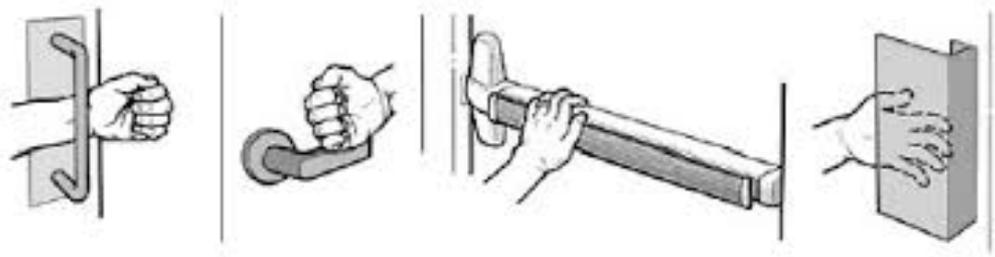
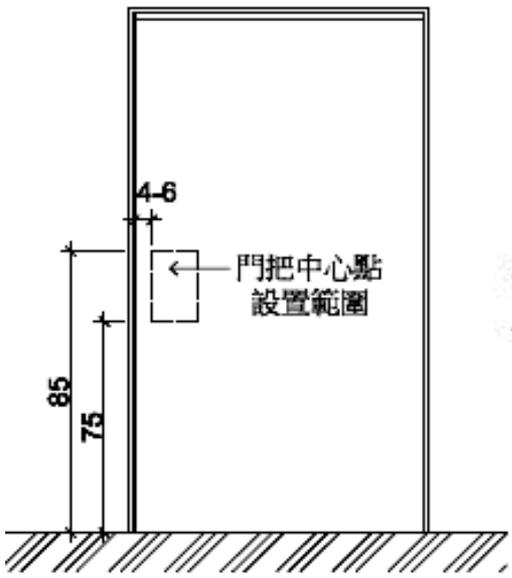




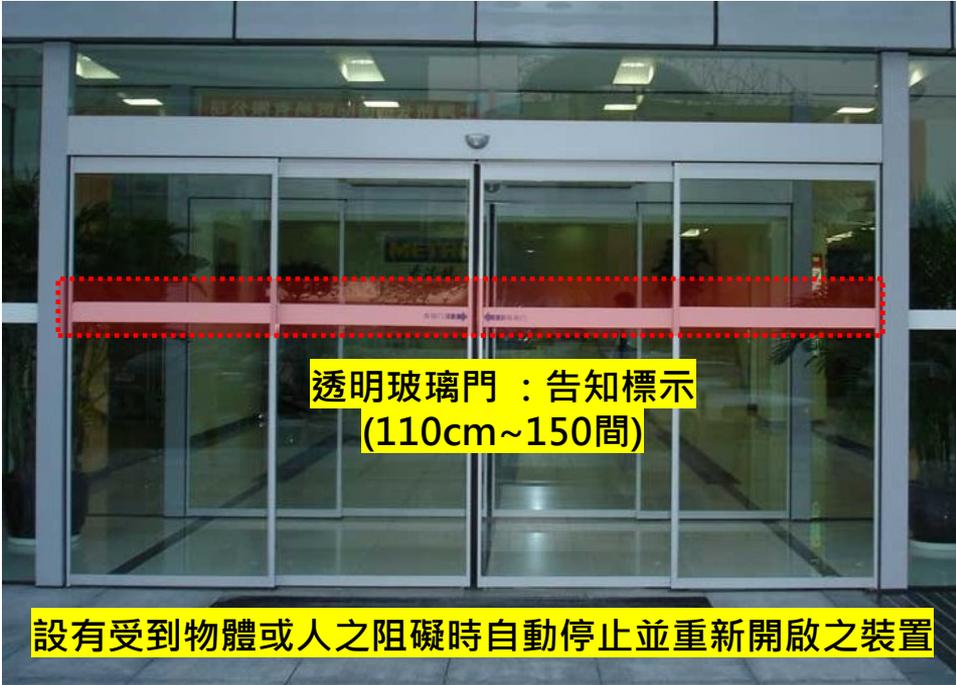


風除室





不得使用凹入式、旋鈕式把手

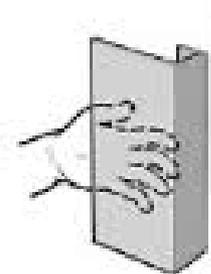
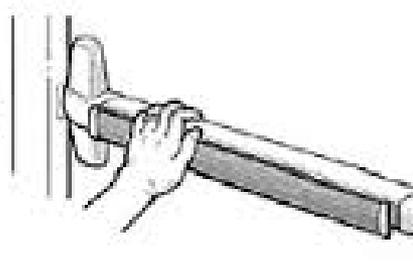
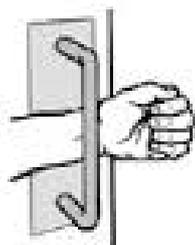
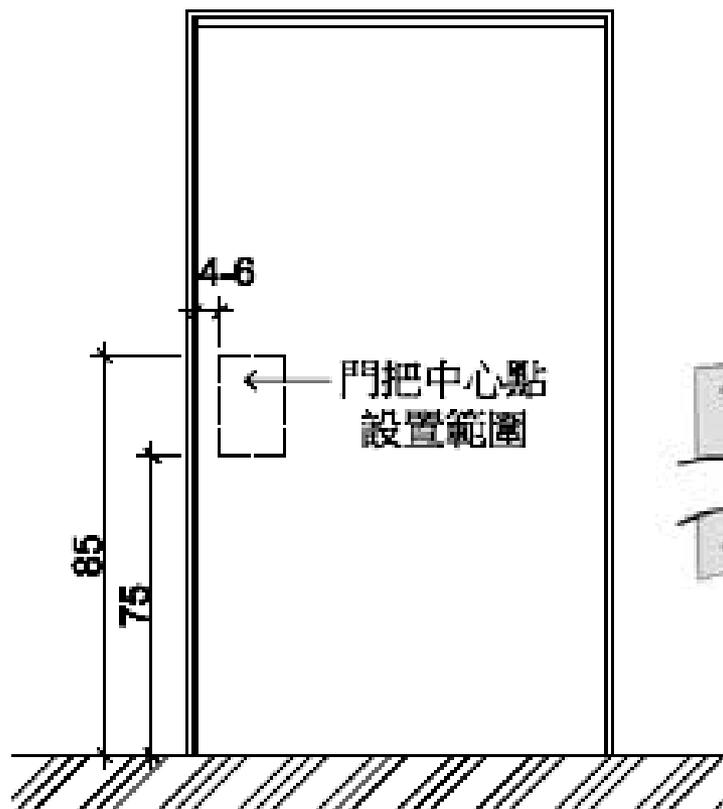


透明玻璃門：告知標示
(110cm~150間)

設有受到物體或人之阻礙時自動停止並重新開啟之裝置



不得使用凹入式、旋鈕式把手





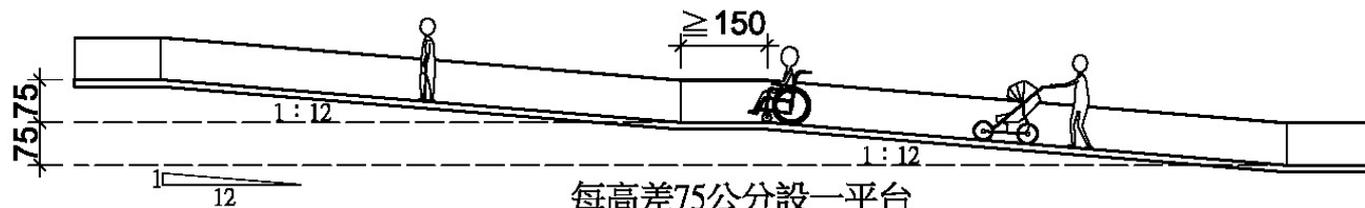
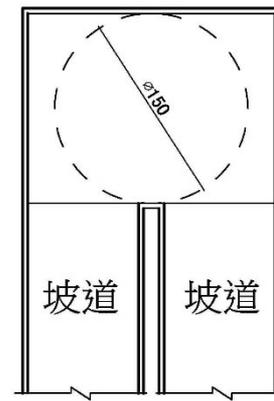
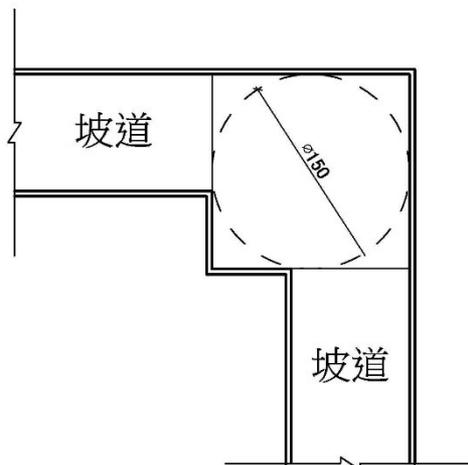
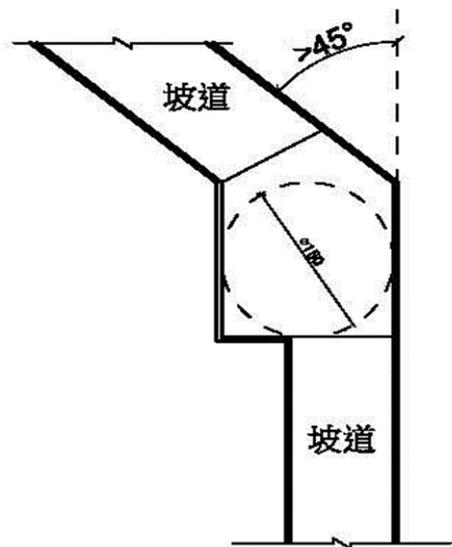
自動開關裝置時，其裝置之中心點應距地板面85公分至90公分，且距柱、牆角30公分以上。



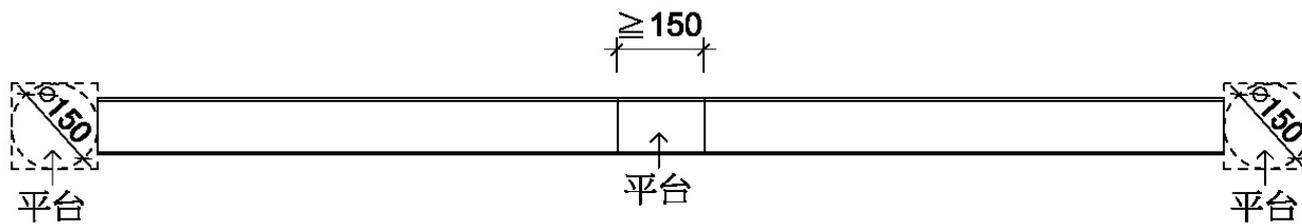
➤ **坡道** 坡度不得大於**1/12**，高低差小於20公分者酌予放寬

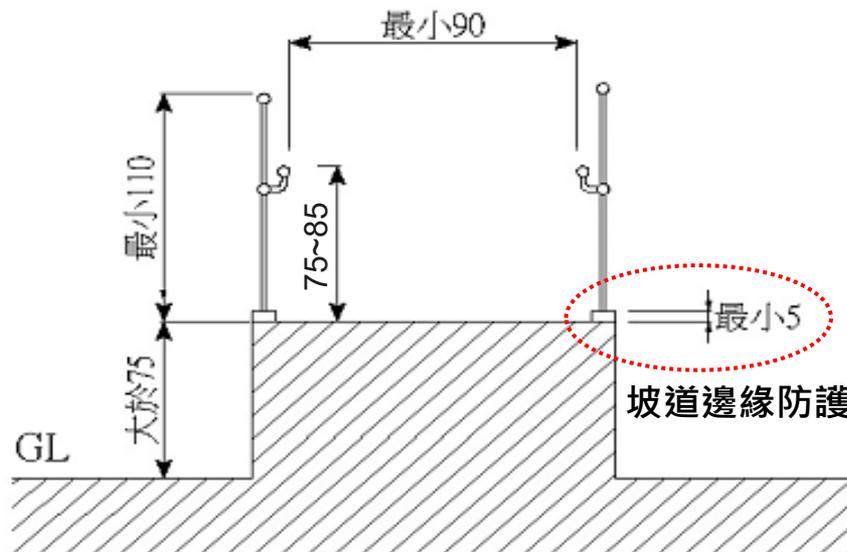
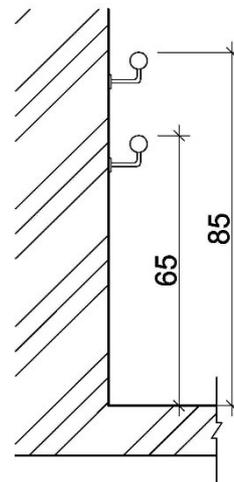
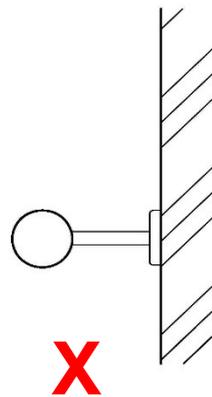
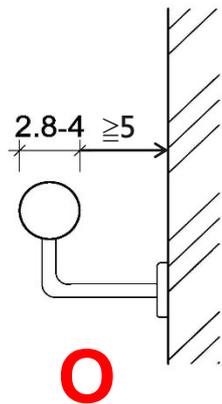
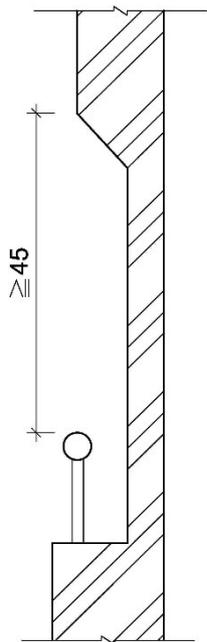
高低差	20 公分以下	5 公分以下	3 公分以下
坡度	1/10	1/5	1/2

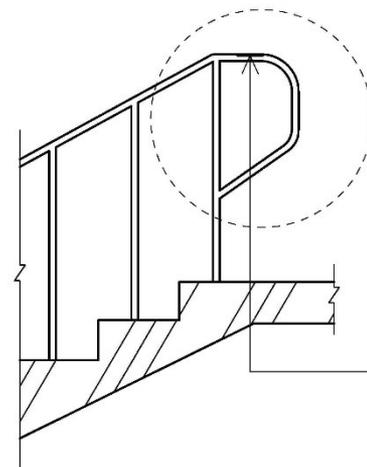
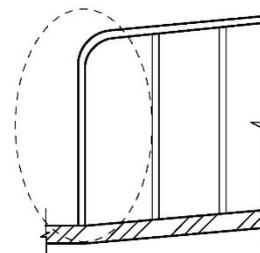




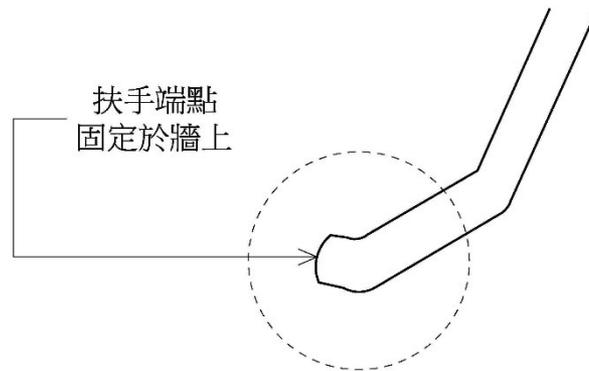
立面







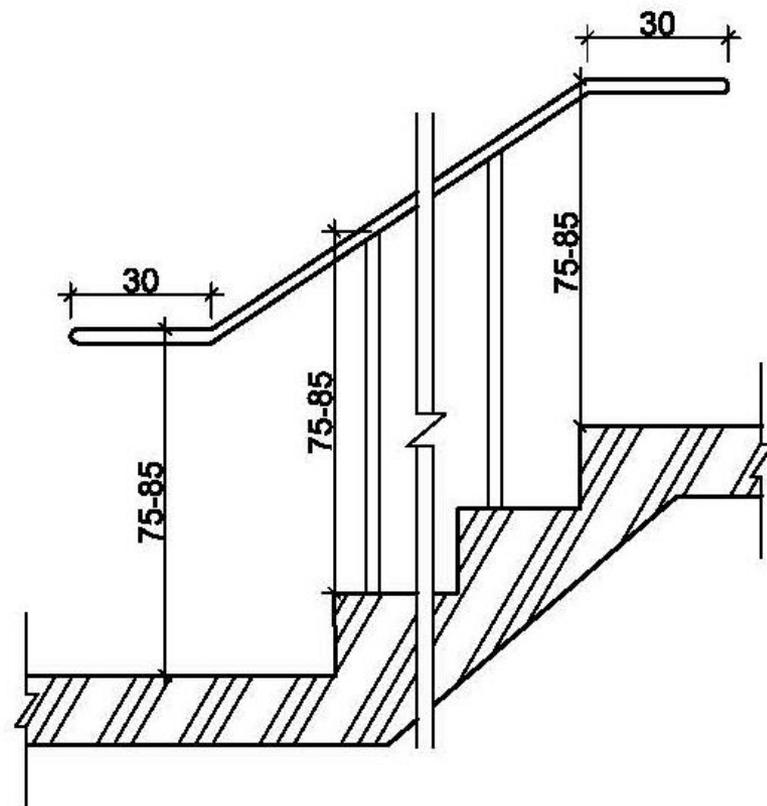
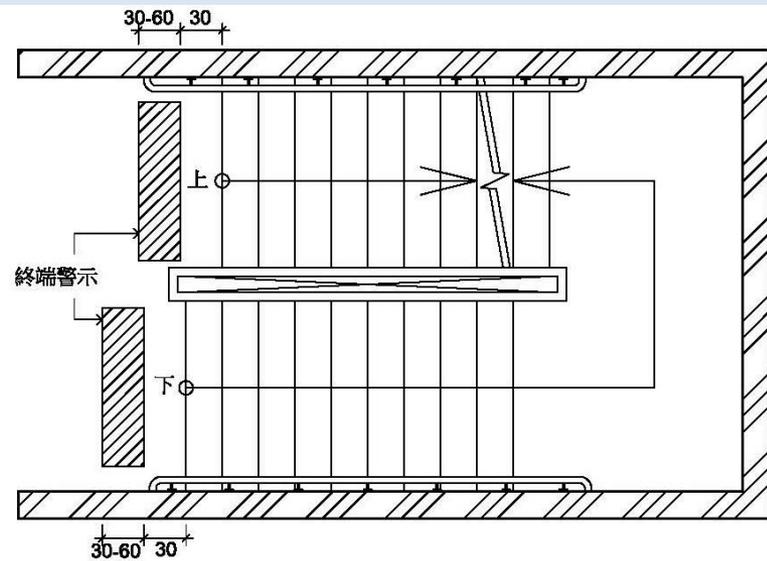
視需要放置視障者
辨識之資訊或點字



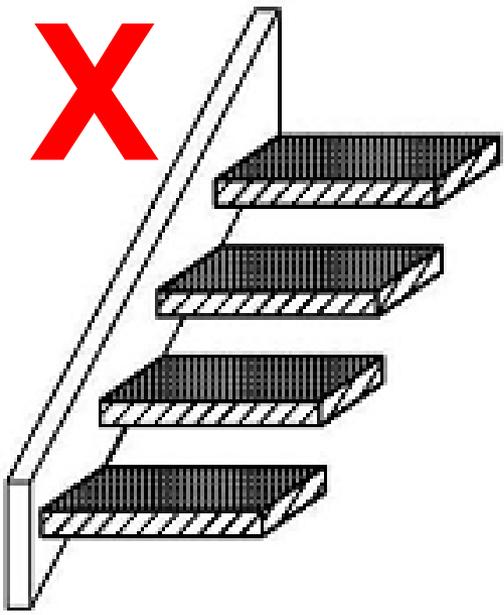
扶手端點
固定於牆上

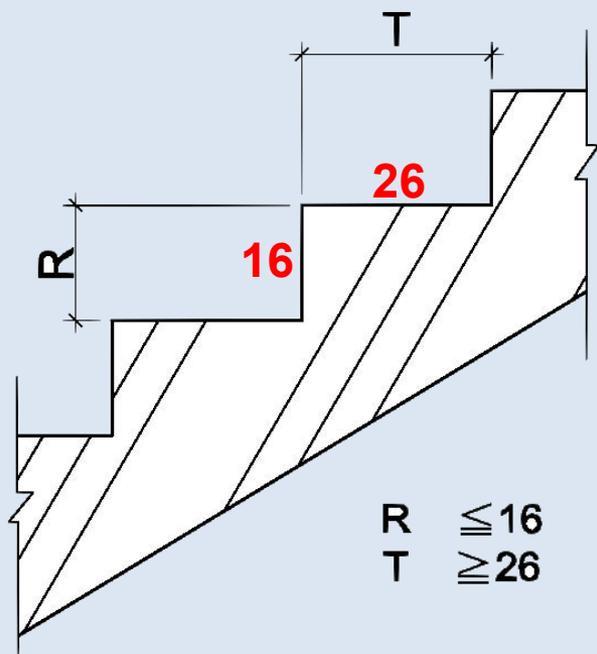
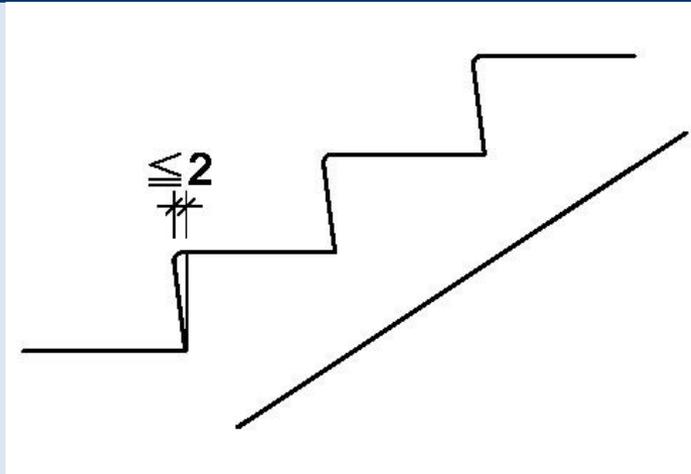
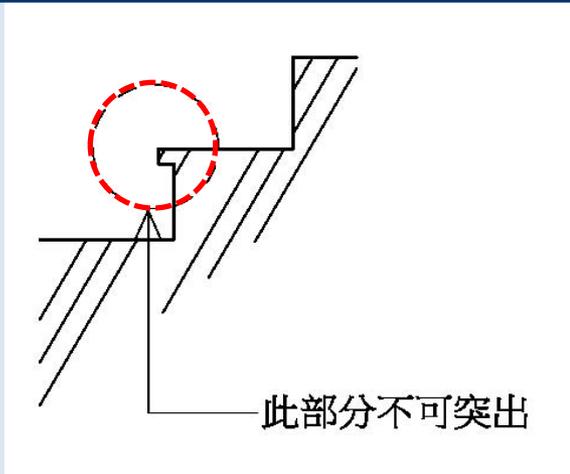
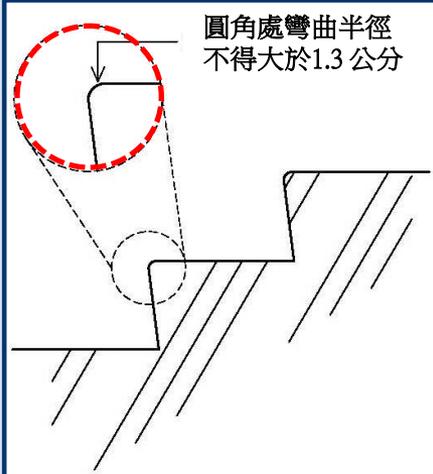
② 無障礙樓梯

≥ 190



X



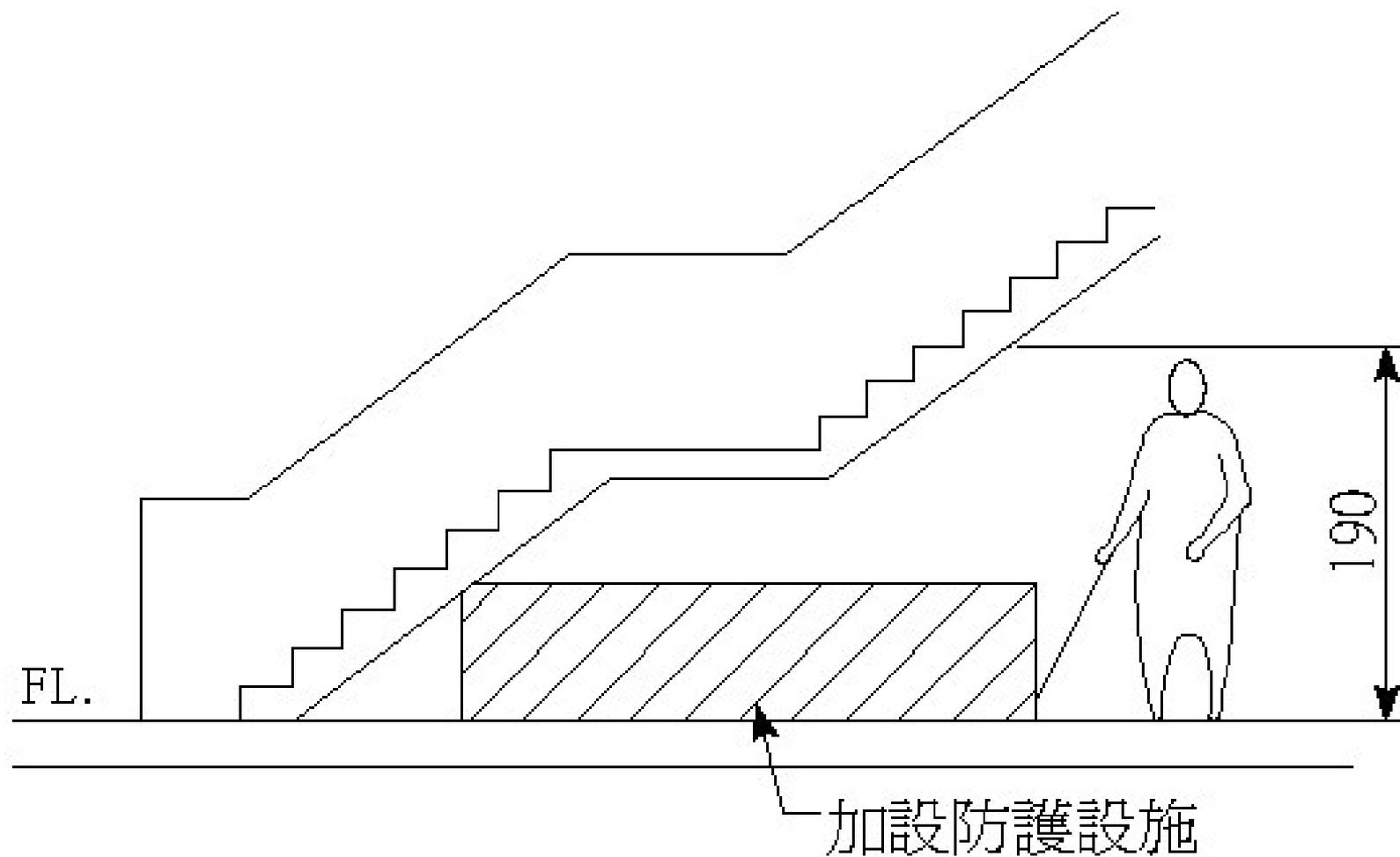


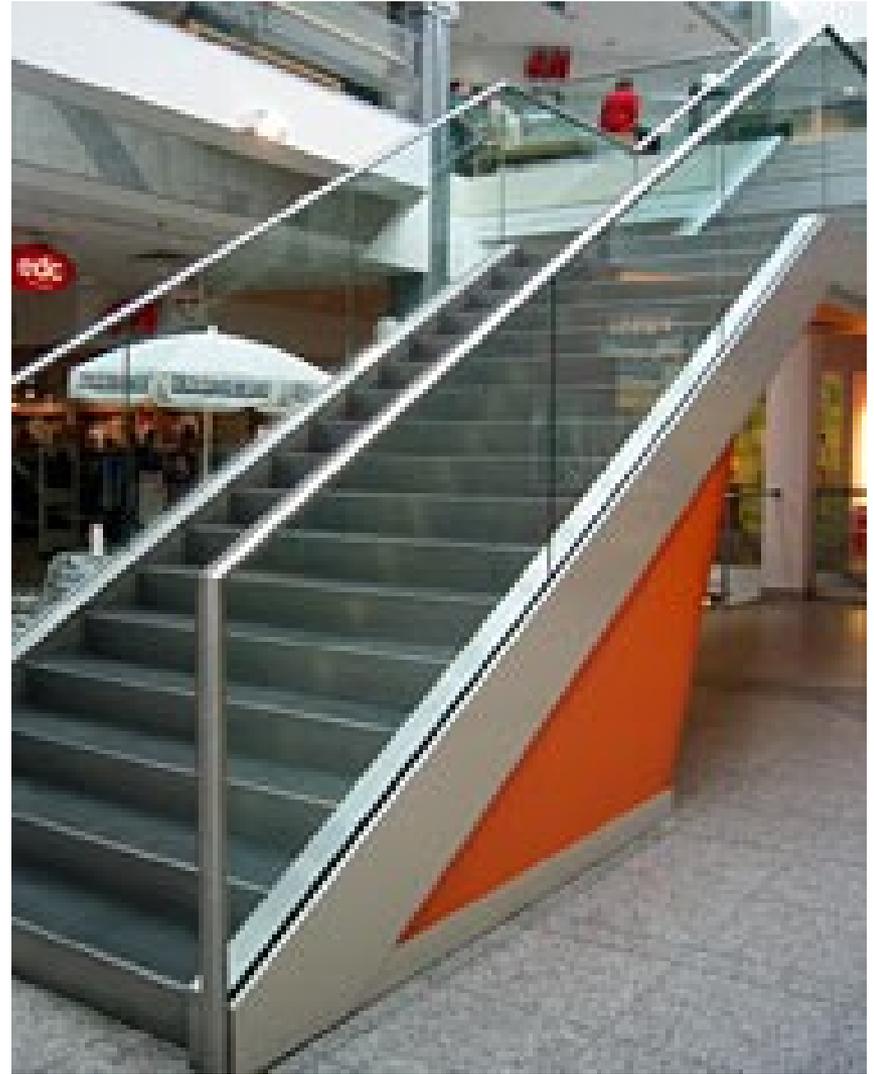
$55 \text{公分} \leq 2R + T \leq 65 \text{公分}$

樓梯上所有梯級之級高及級深應統一



樓梯平台：不得有梯級或高低差





$H \geq 190$



● 戶外平台階梯



第三章 樓梯

301 適用範圍:建築物依規定應設置無障礙樓梯者，其設計應符合本章規定
307 戶外平台階梯之寬度在6公尺以上者，應於中間加裝扶手，級高之設置應符合本規範304.1之規定，扶手之設置應符合本規範305節之規定。

□ 戶外平台階梯中間扶手

內政部110.2.18內授營建管字第1100802256號函

關於建築物無障礙設施設計規範第3章樓梯307戶外平台階梯中間扶手設置事宜

探究本規範307戶外平台階梯之訂定原意，中間扶手設置目的係為輔助行動不便者於戶外平台階梯上下移動，且僅明定戶外平台階梯之寬度在6公尺以上者，應於中間加裝扶手，尚無明定該扶手應置中設置或每6公尺應加設1座扶手，其設置位置得配合建築物使用需求進行調整。

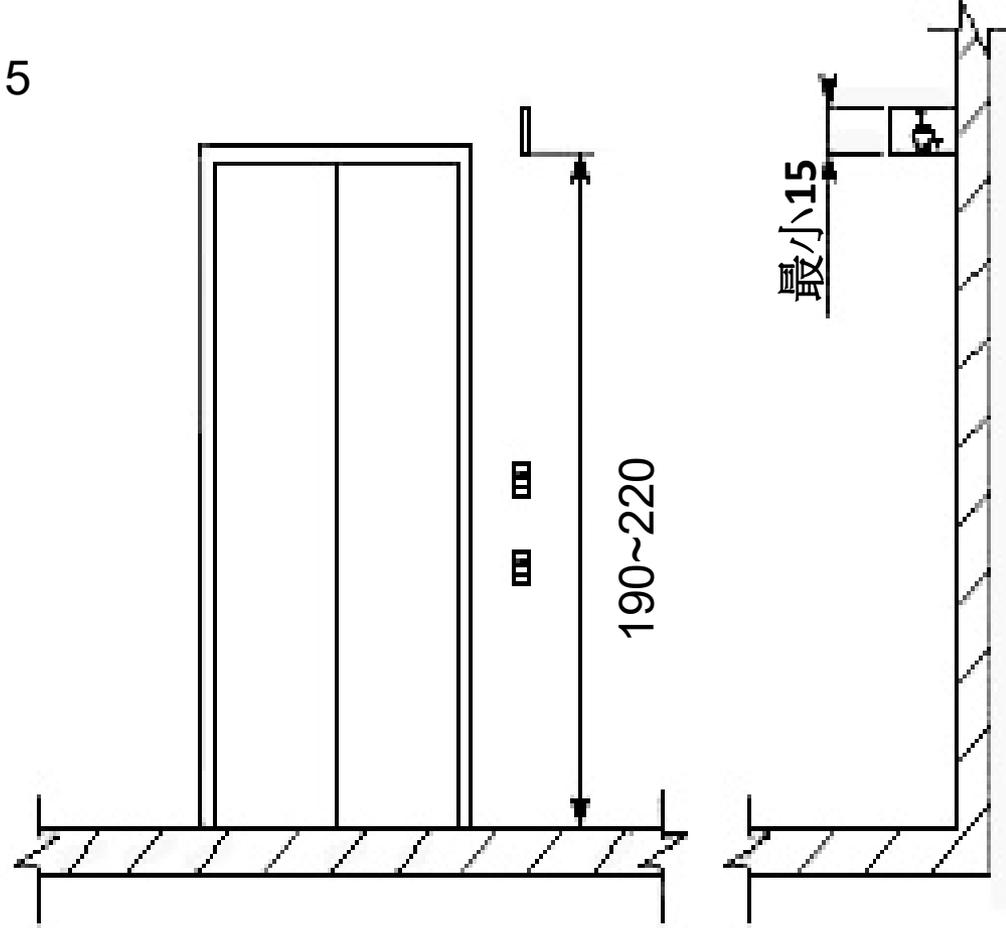
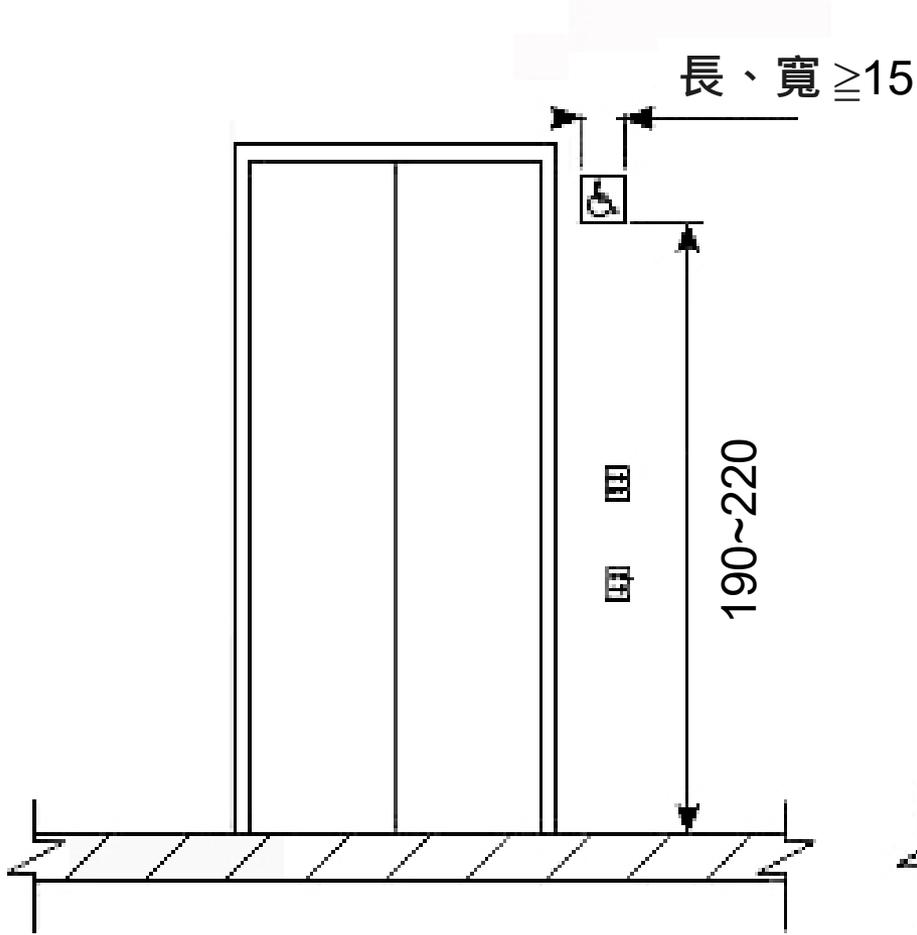
③ 昇降設備

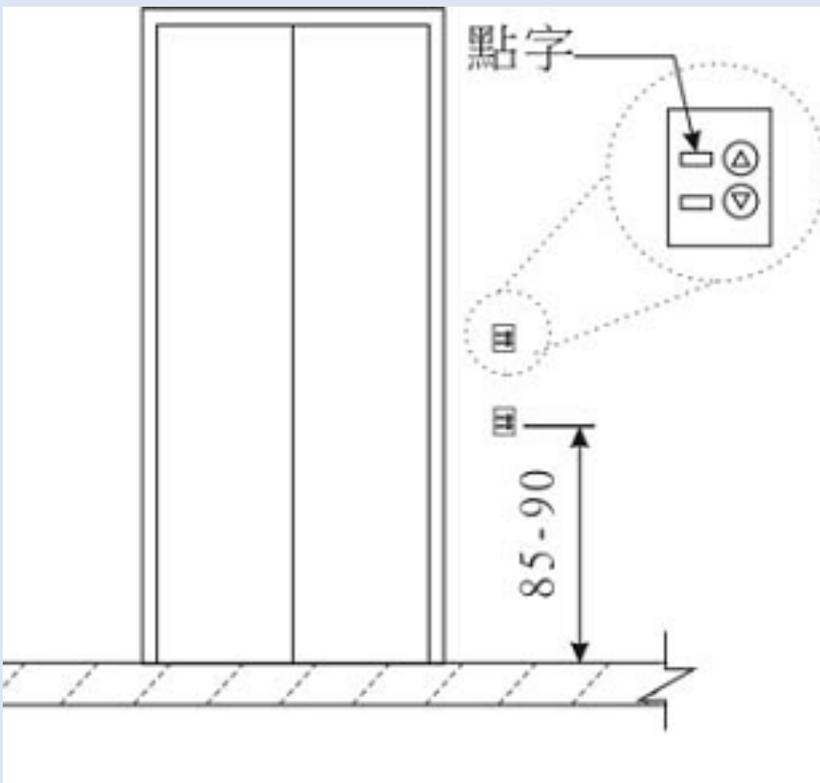


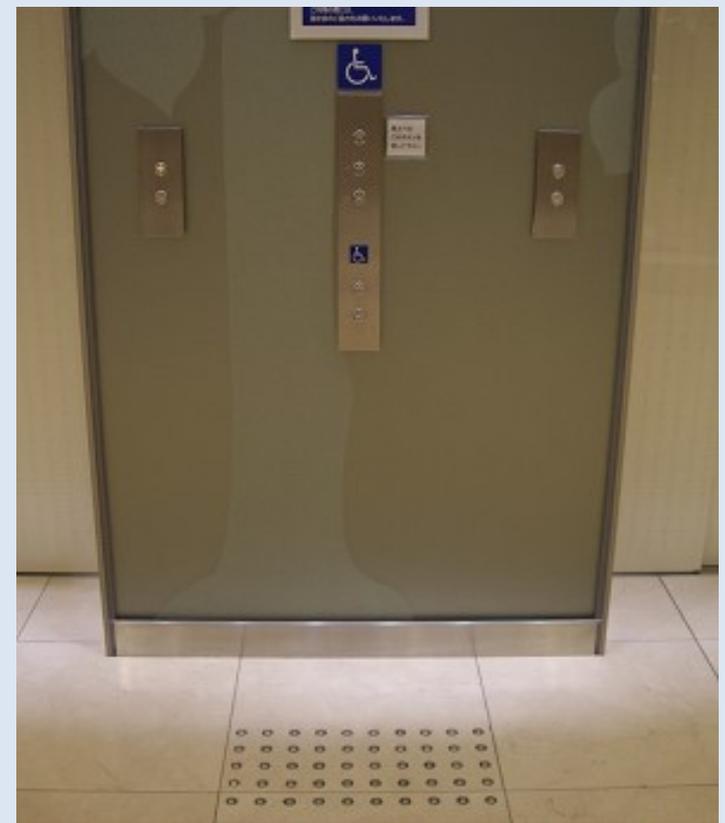
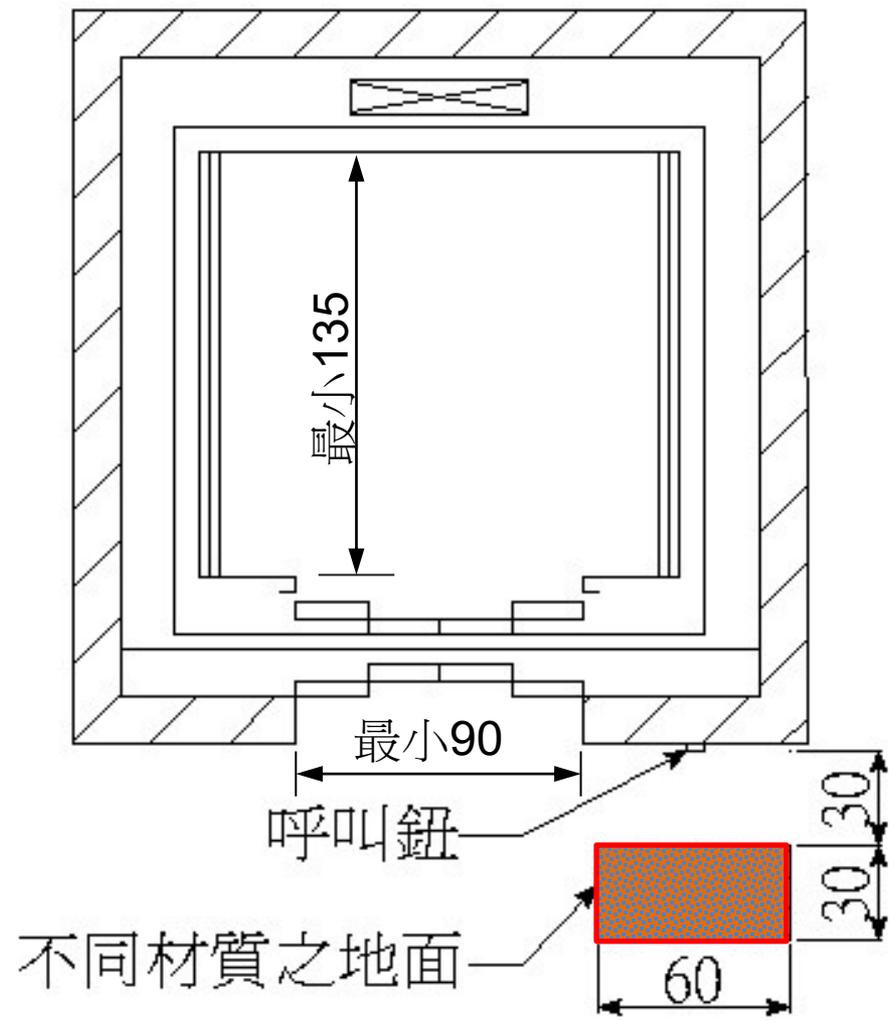
群管理：

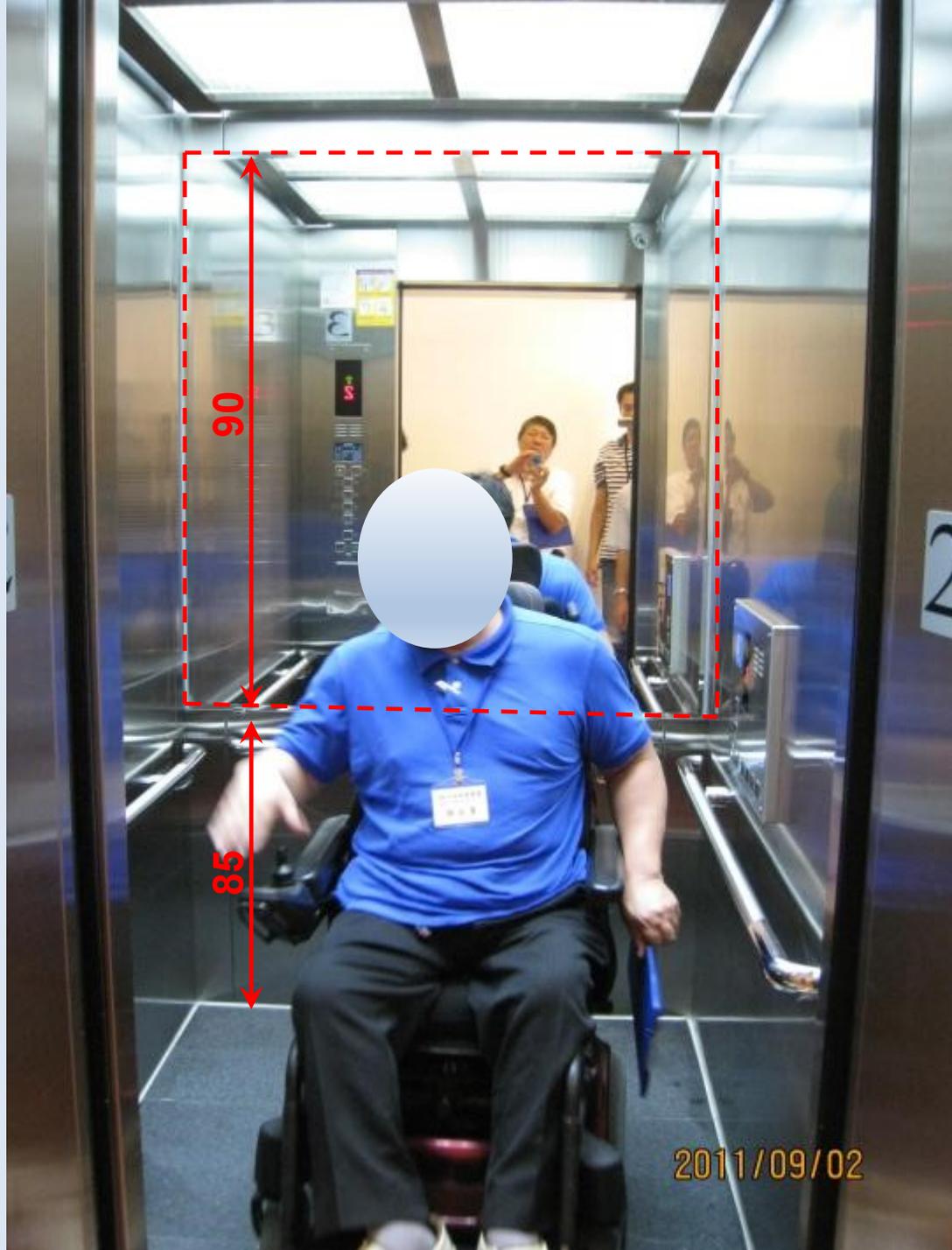
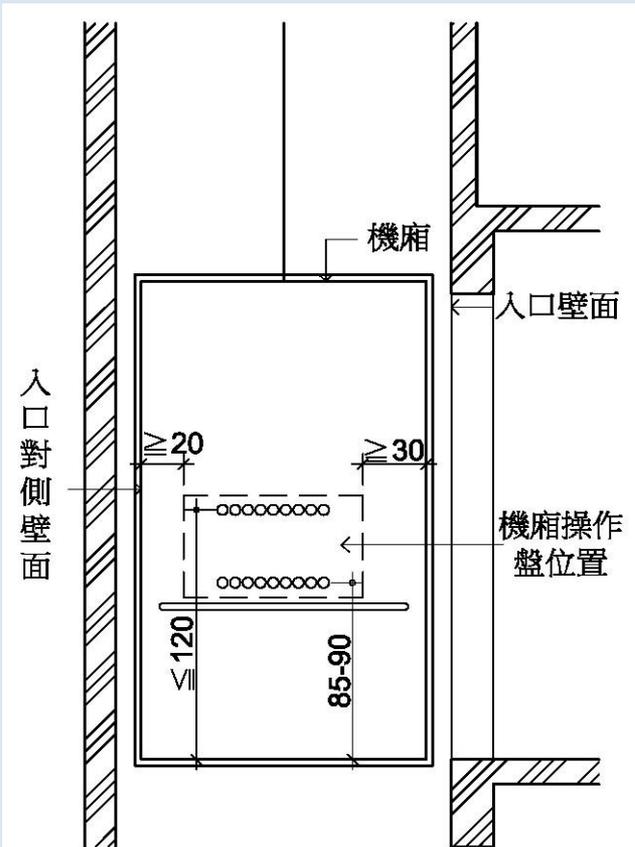
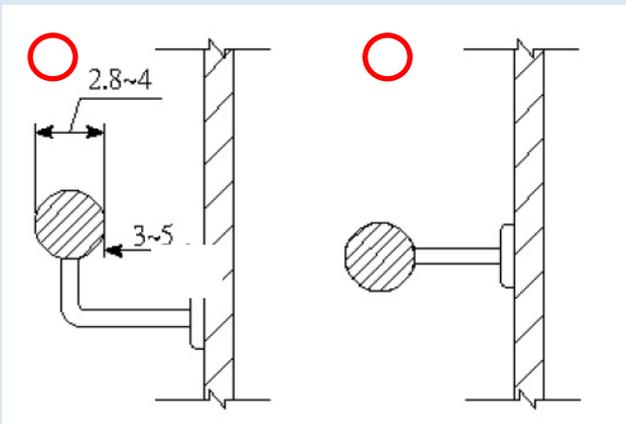
無障礙升降機與之一般升降機呼叫按鈕必須分別設置。

得以相鄰兩座無障礙升降機為群管理控制。

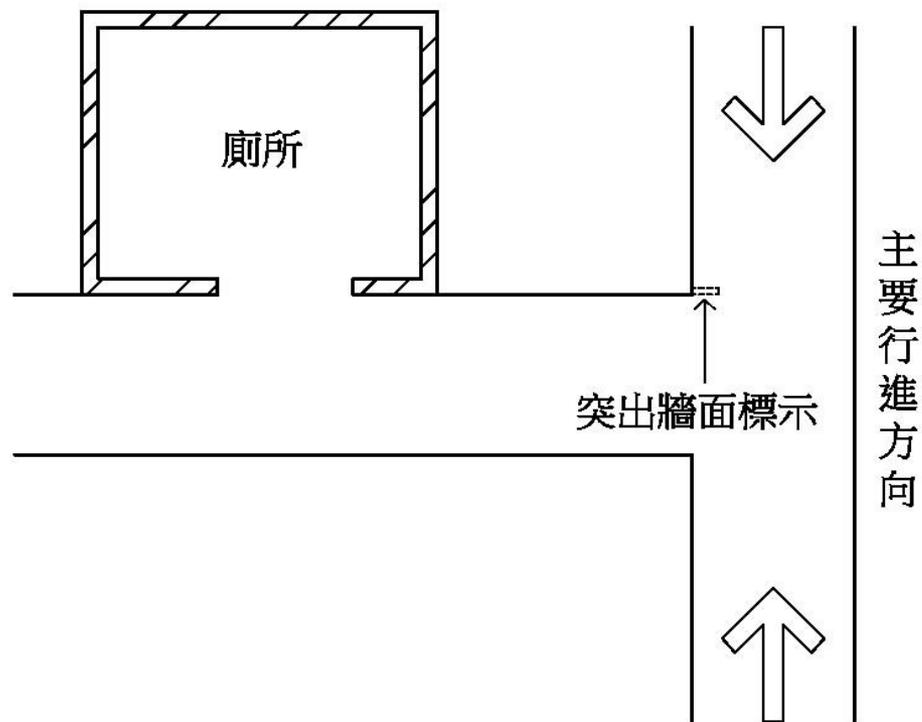






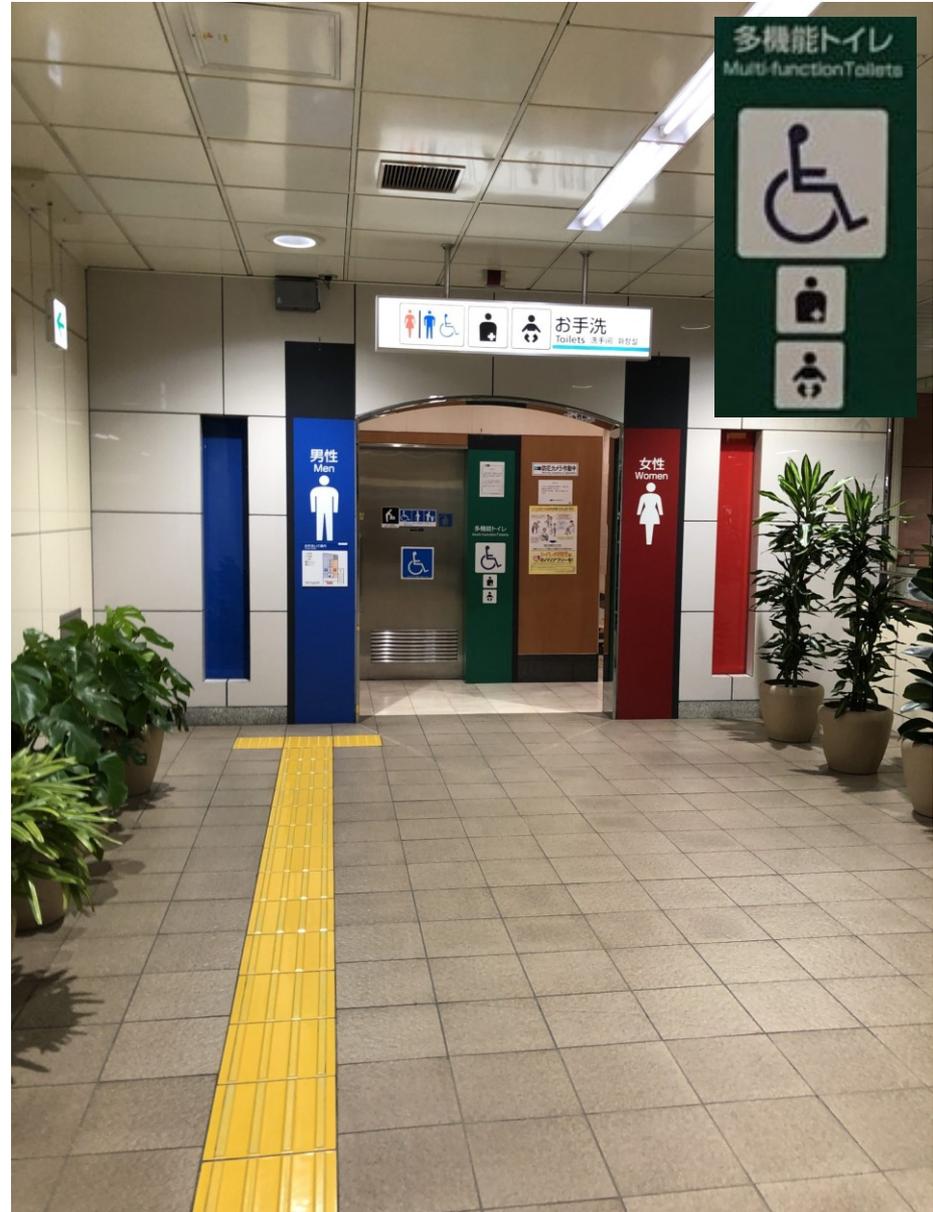


④ 廁所盥洗室



牆壁或門上應設置無障礙標誌，如主要通路走廊與廁所盥洗室開門方向平行，則應另設置垂直於牆面之無障礙標誌。





TOILET

TOILET

多目的トイレ



No Smoking



WOMEN'S TOILET

WOMEN

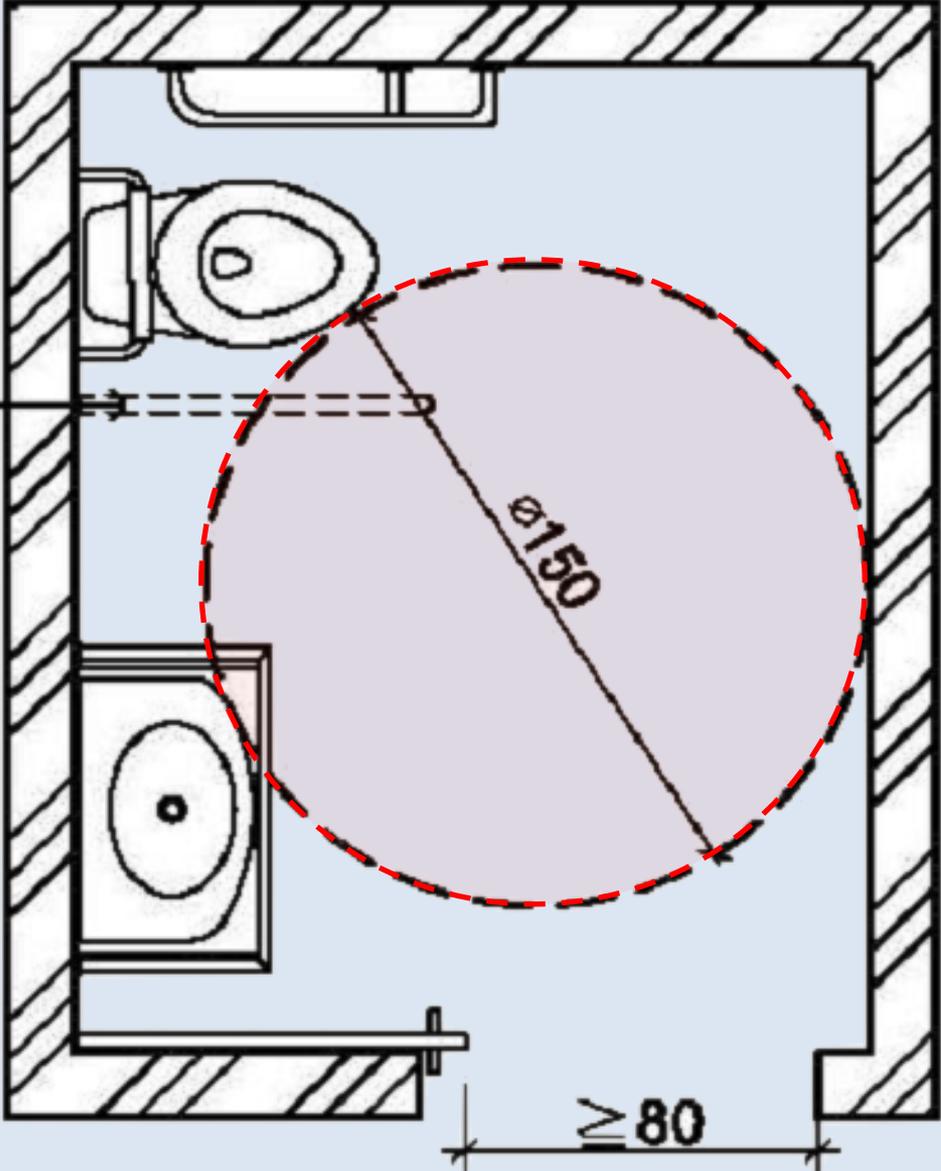
女子トイレ

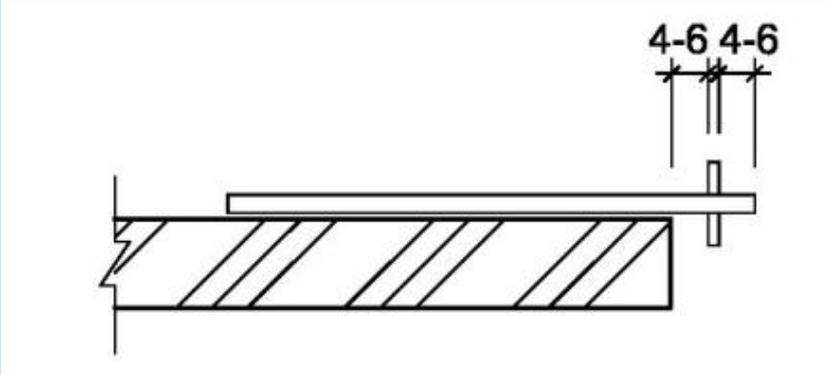


No Smoking



掀起式
可動扶手









求助鈴
非常危險請即使用
(本按鈕非沖水鍵)

求助鈴
非常危險請即使用
(本按鈕非沖水鍵)

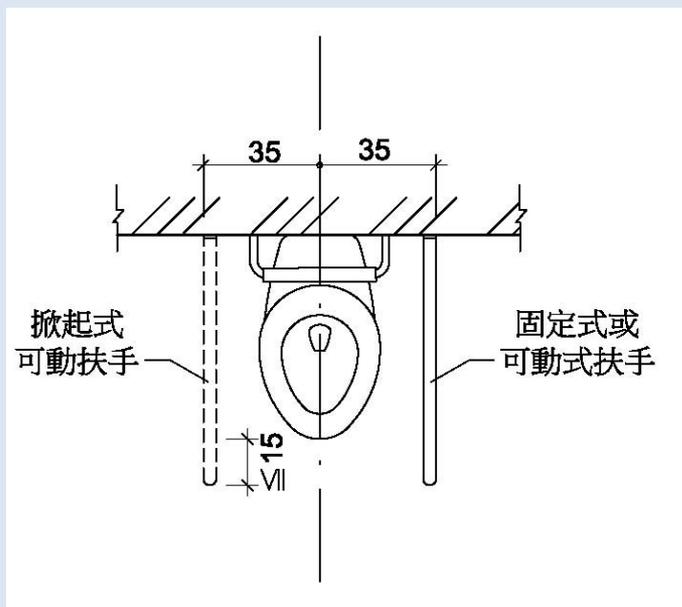
↓
殘障人士專用
此處為殘障人士專用

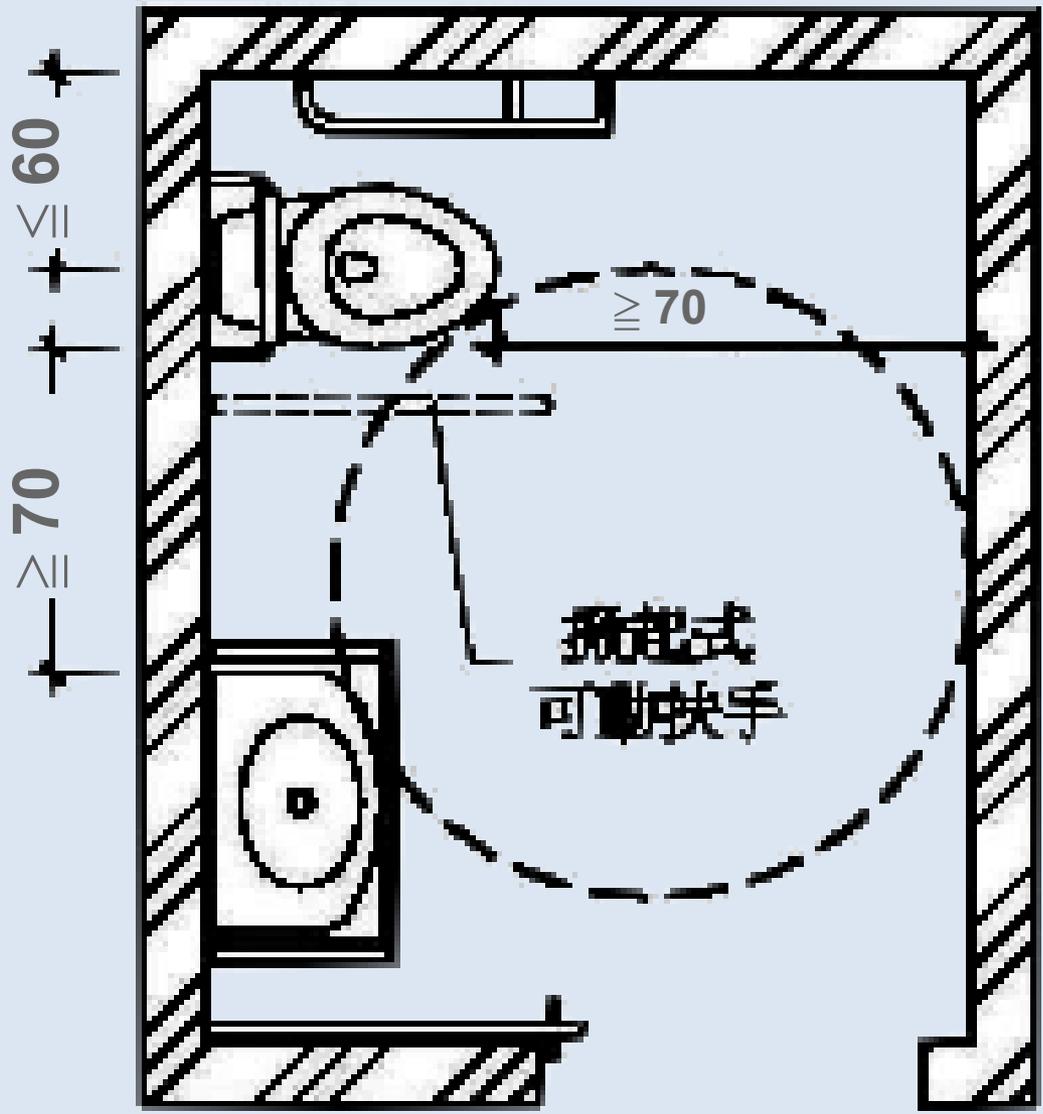


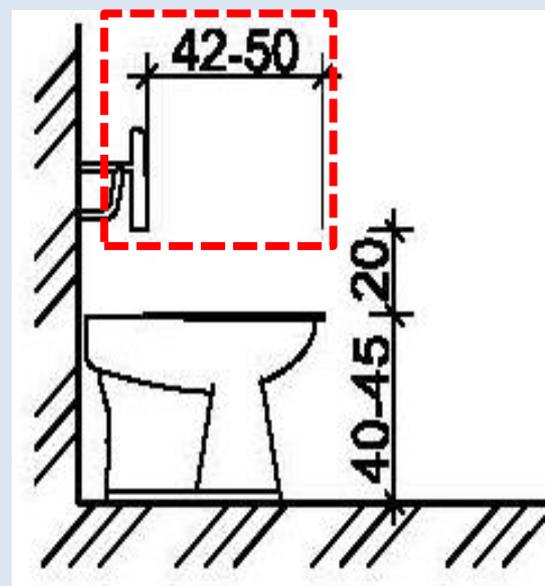
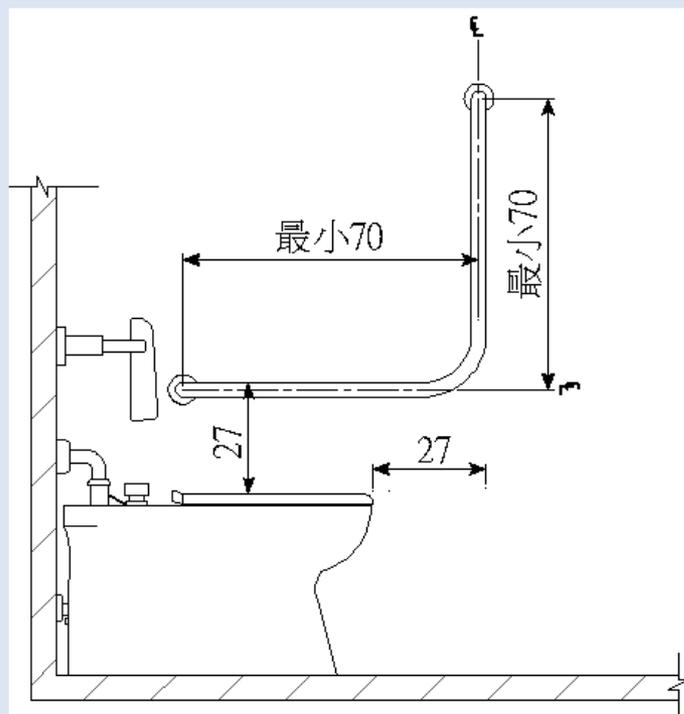
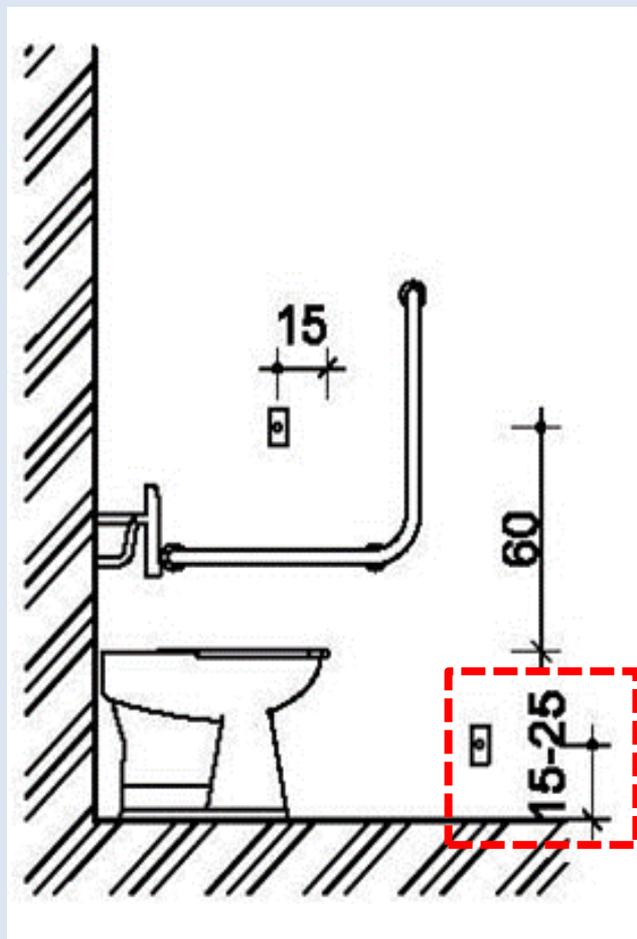


求救鈴

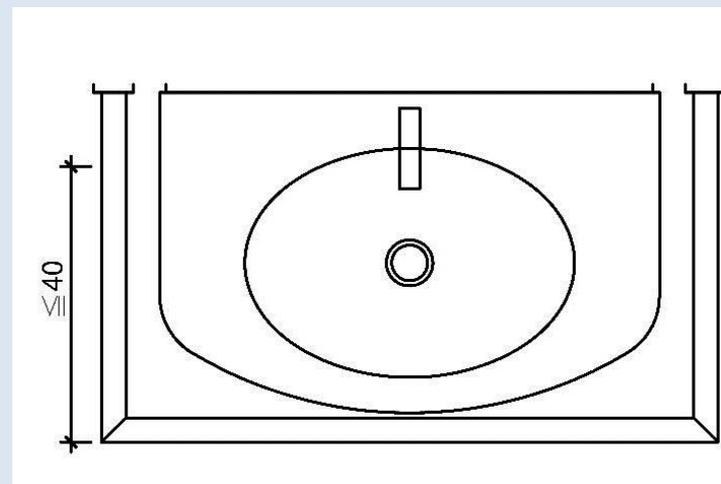
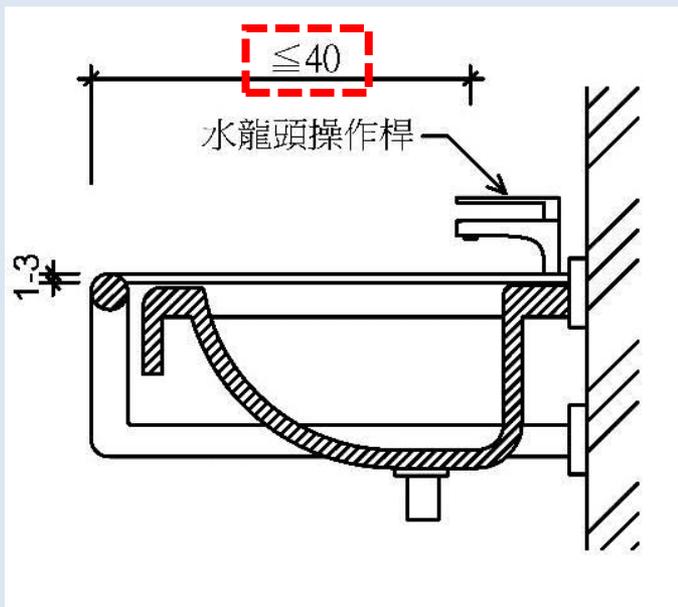
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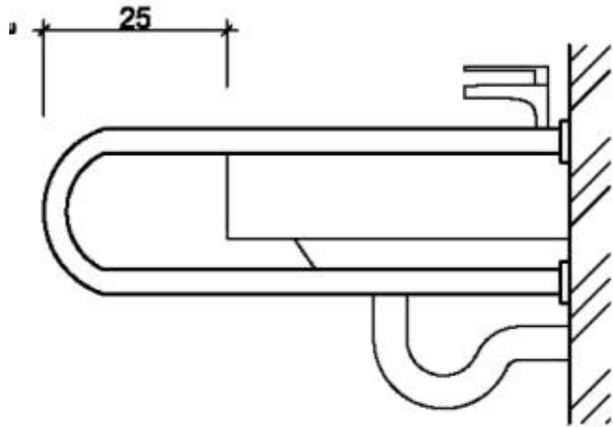


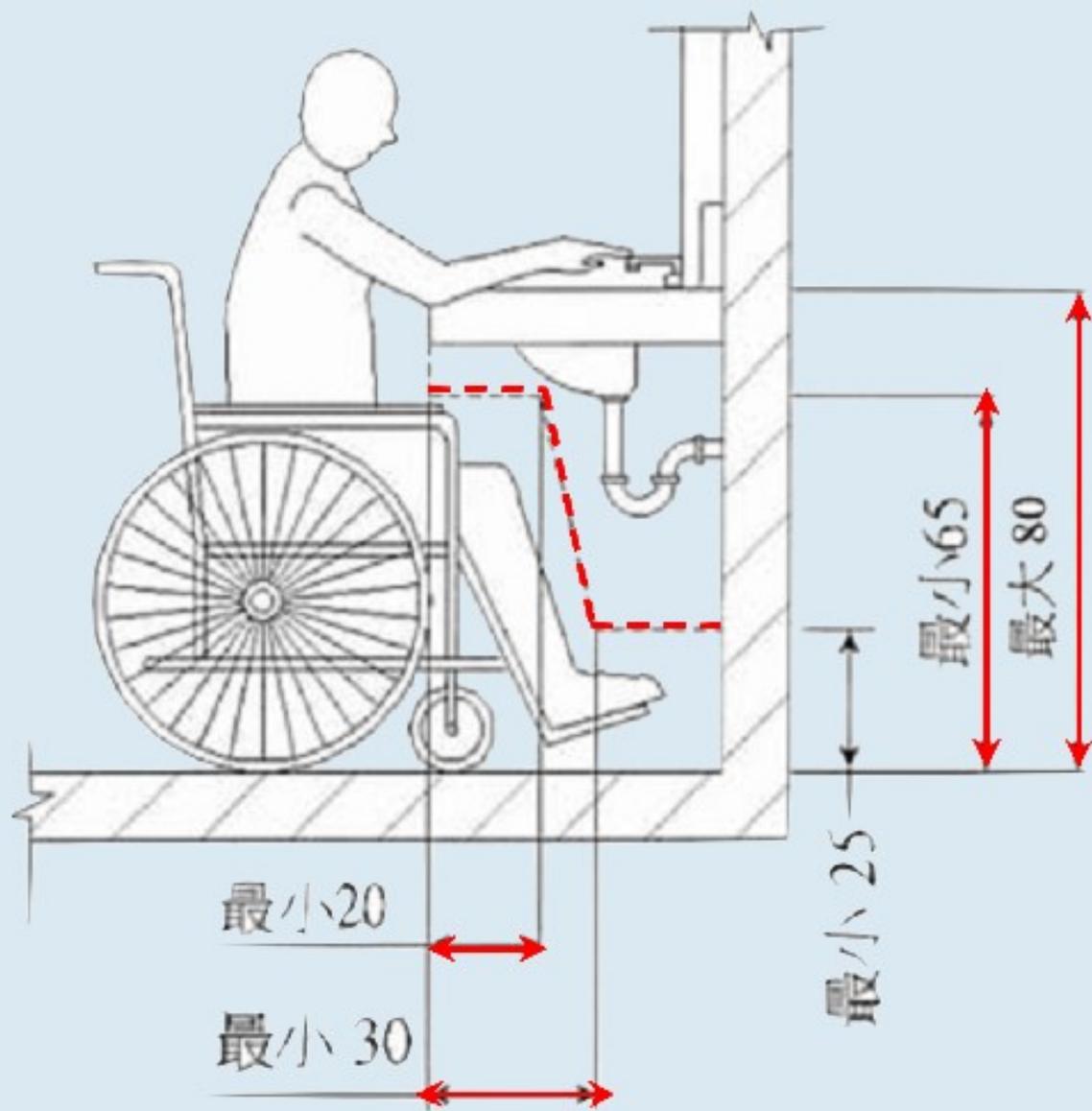


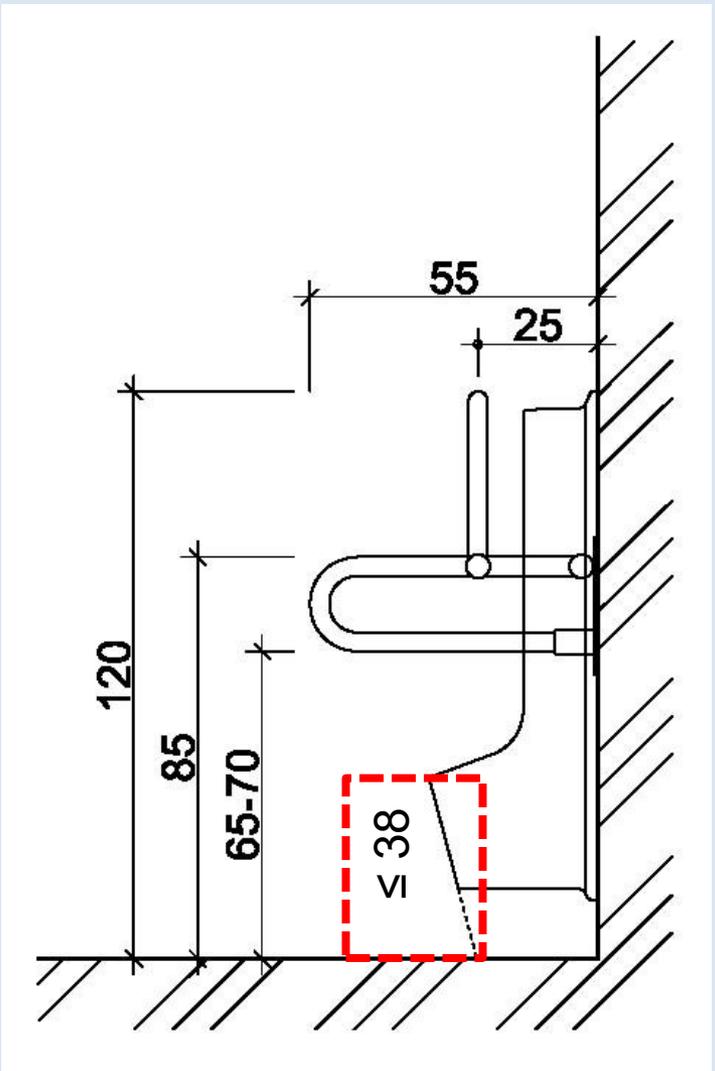
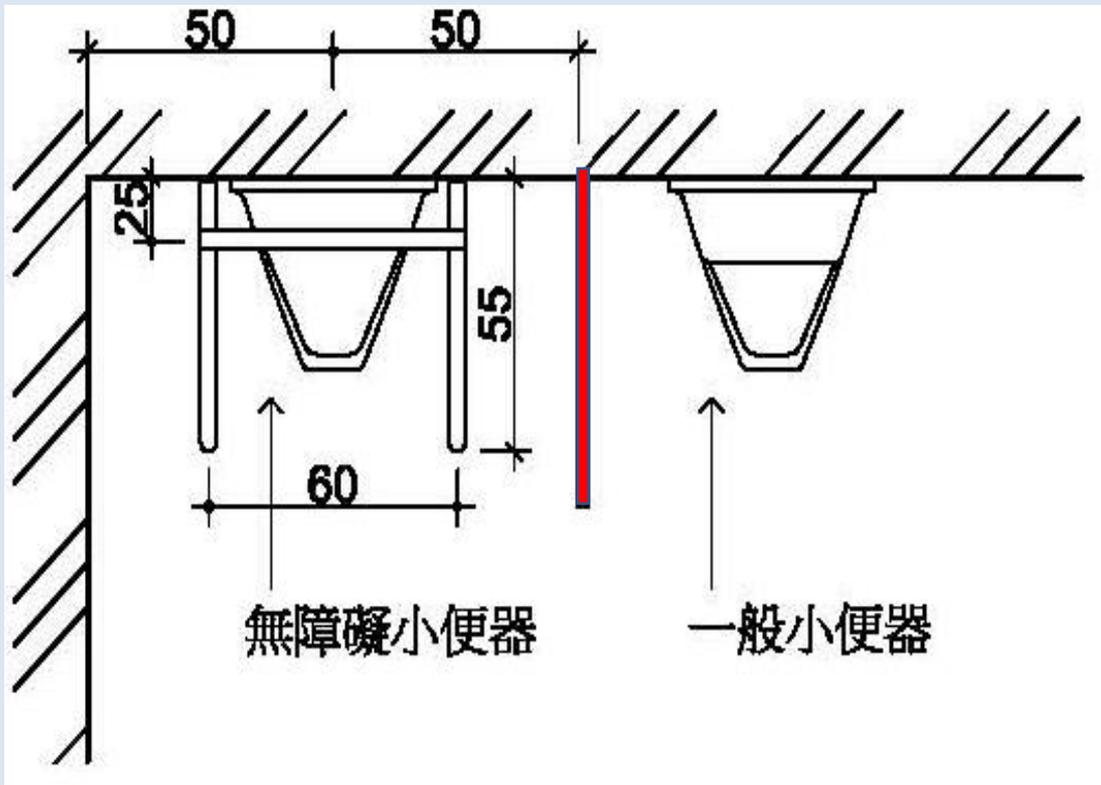








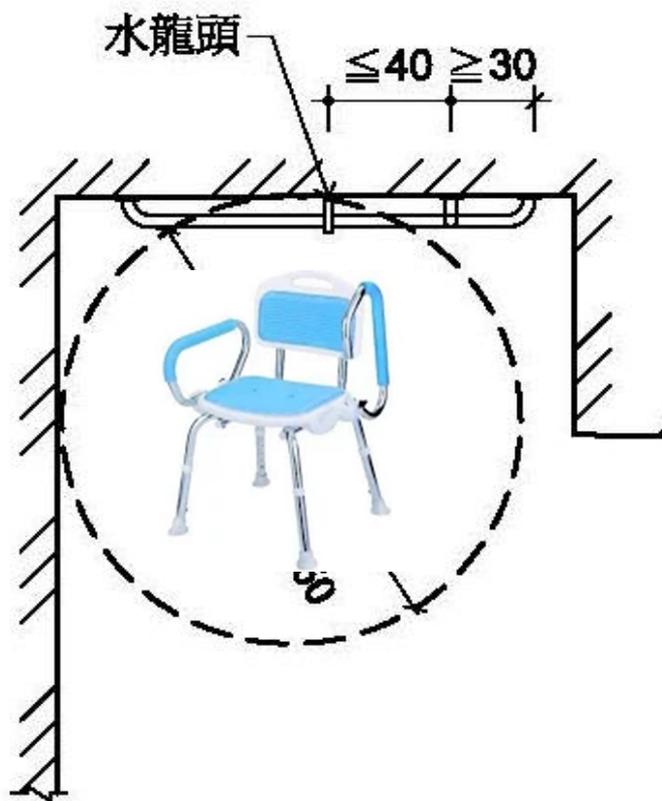




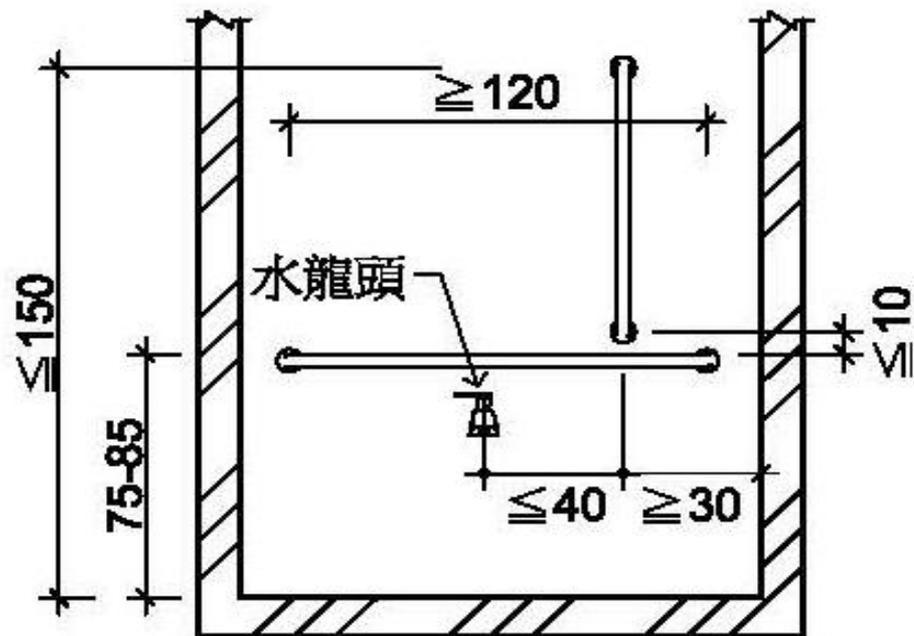




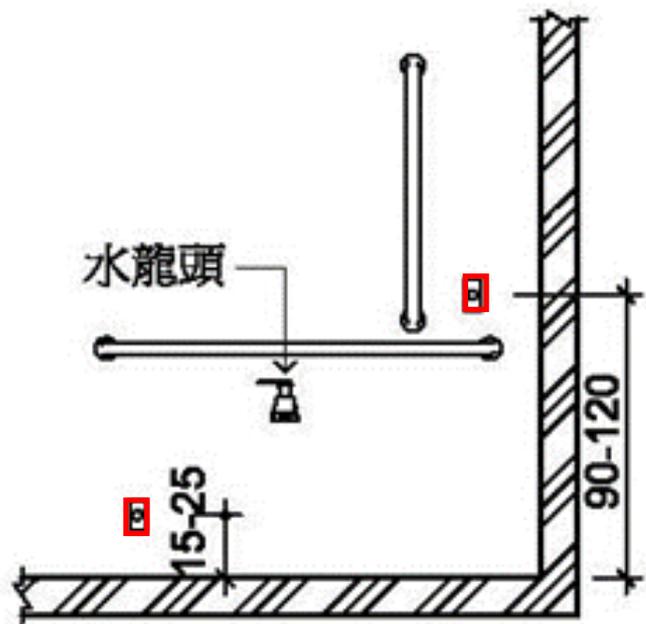
⑤ 浴室

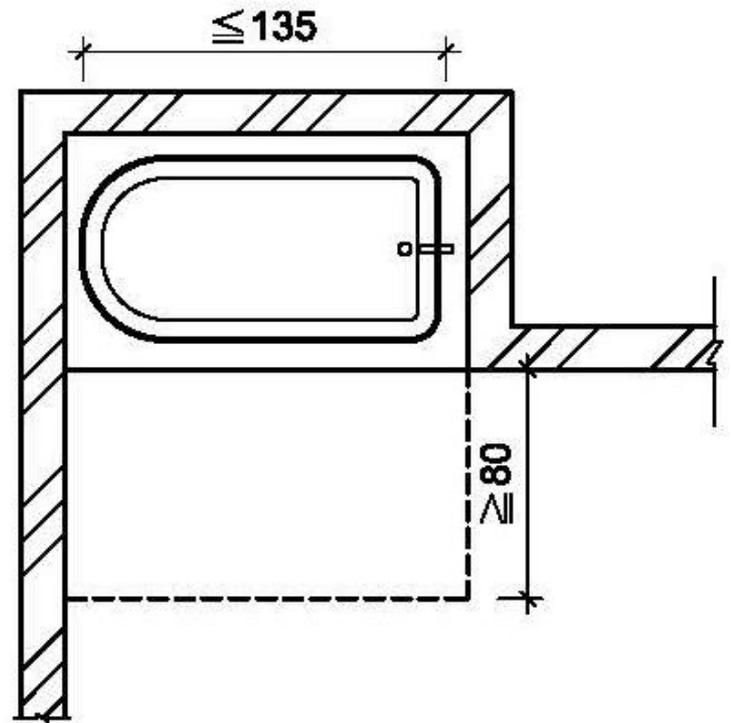
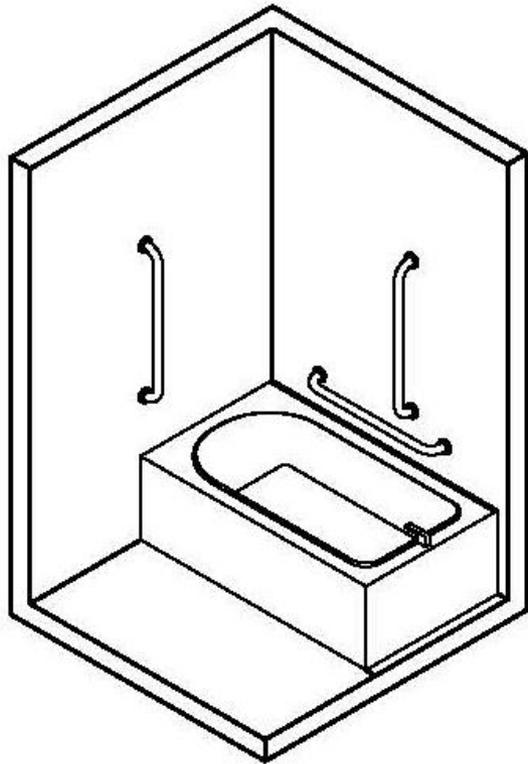


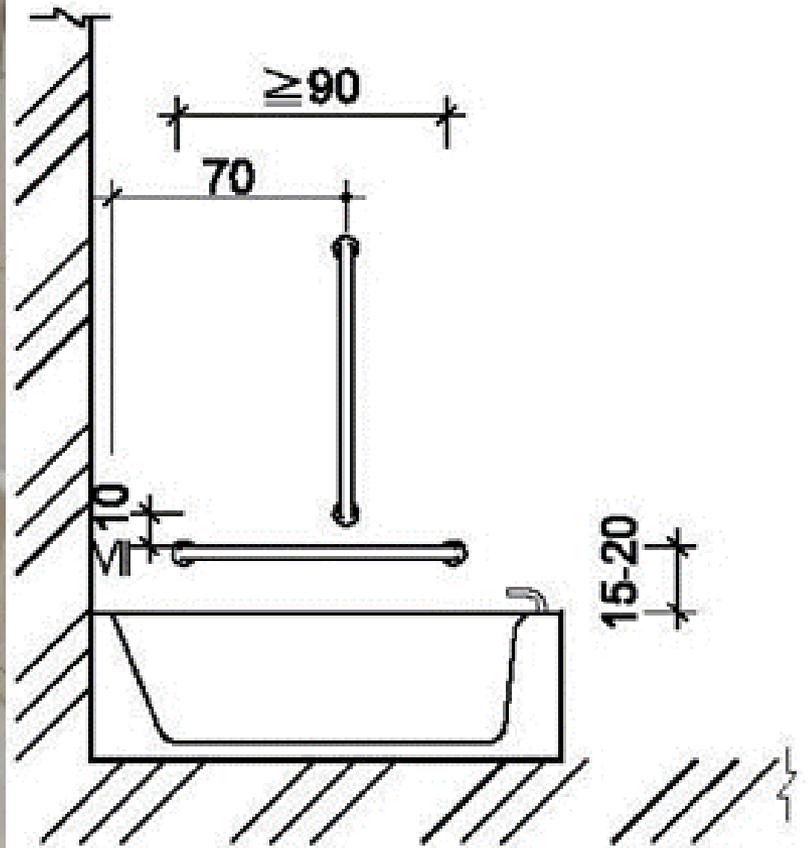
平面

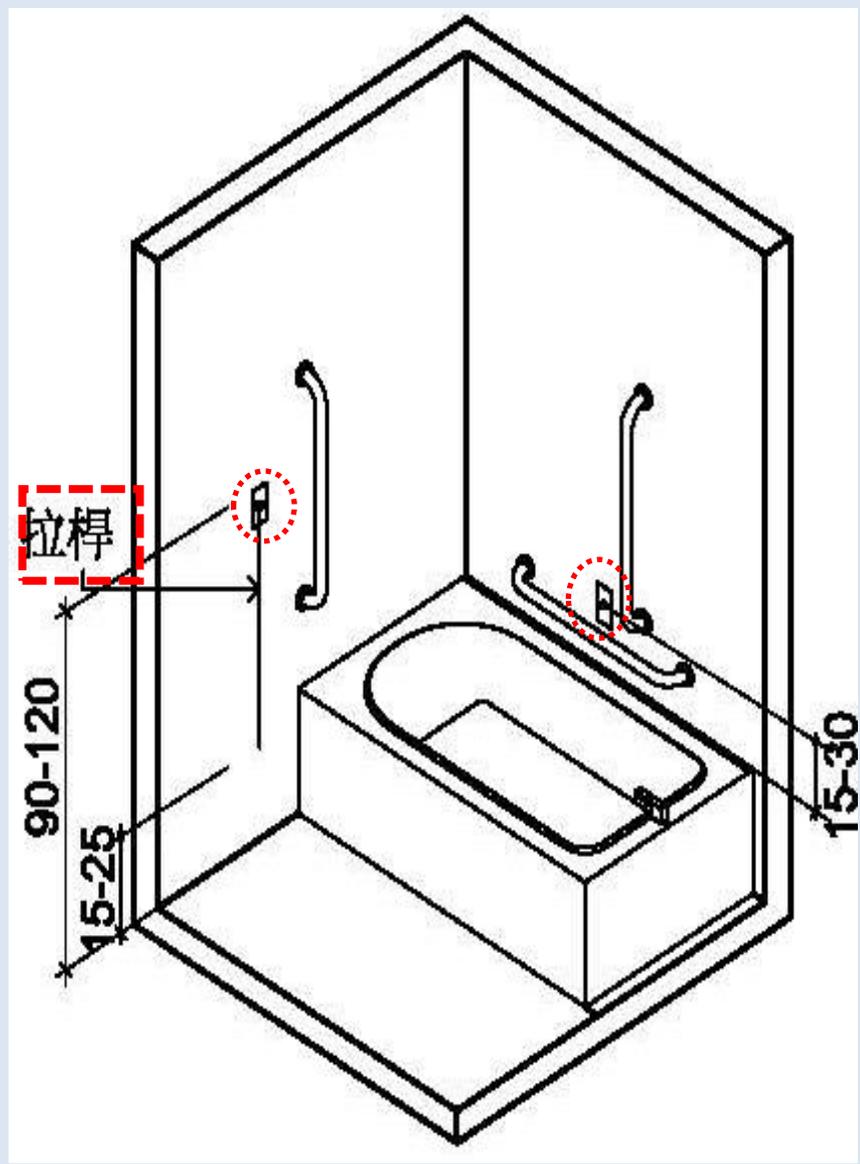
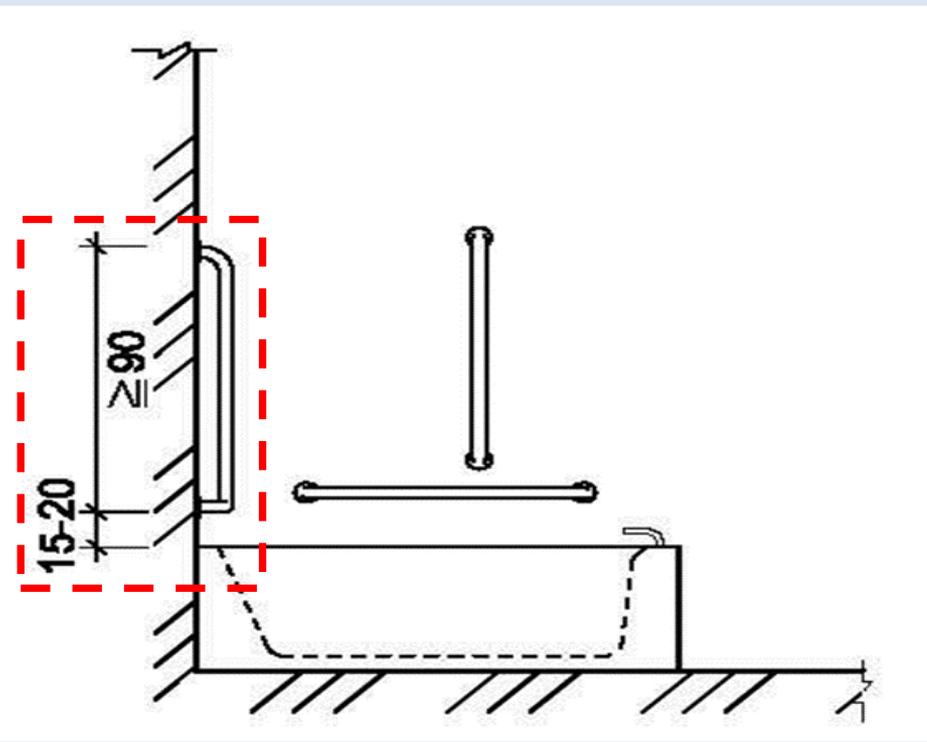
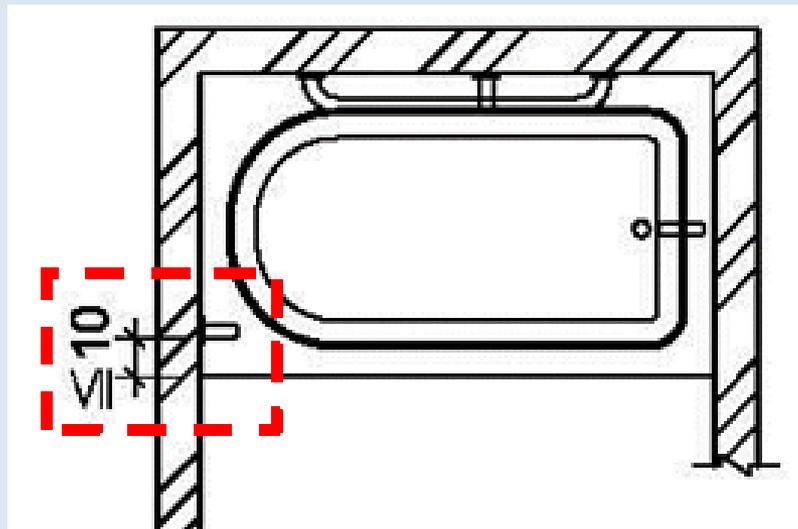


立面

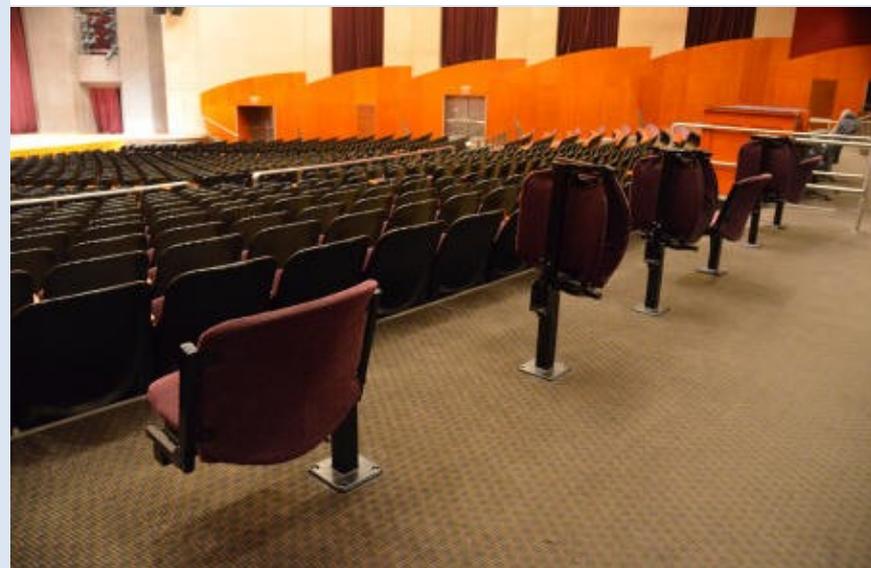
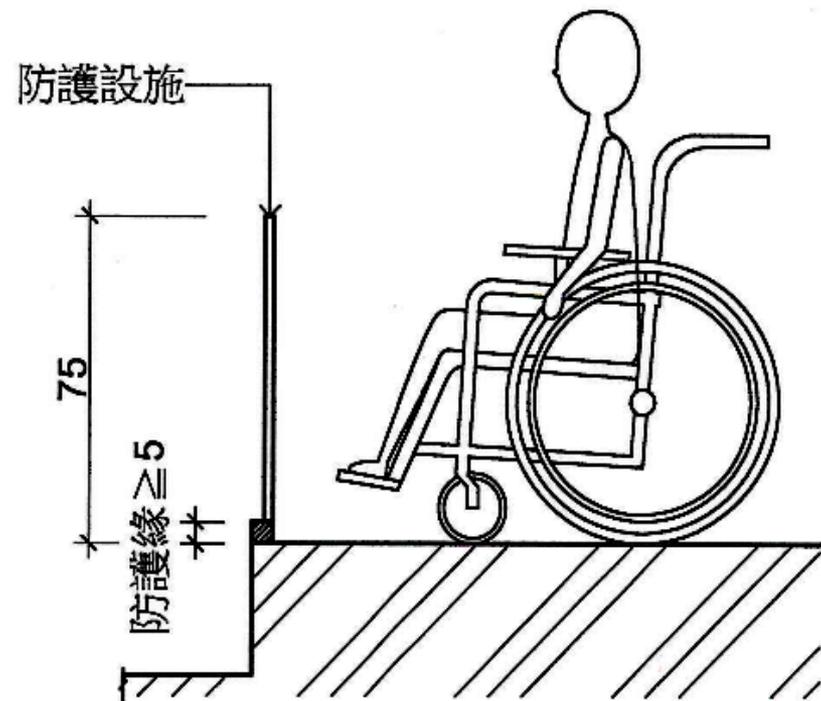


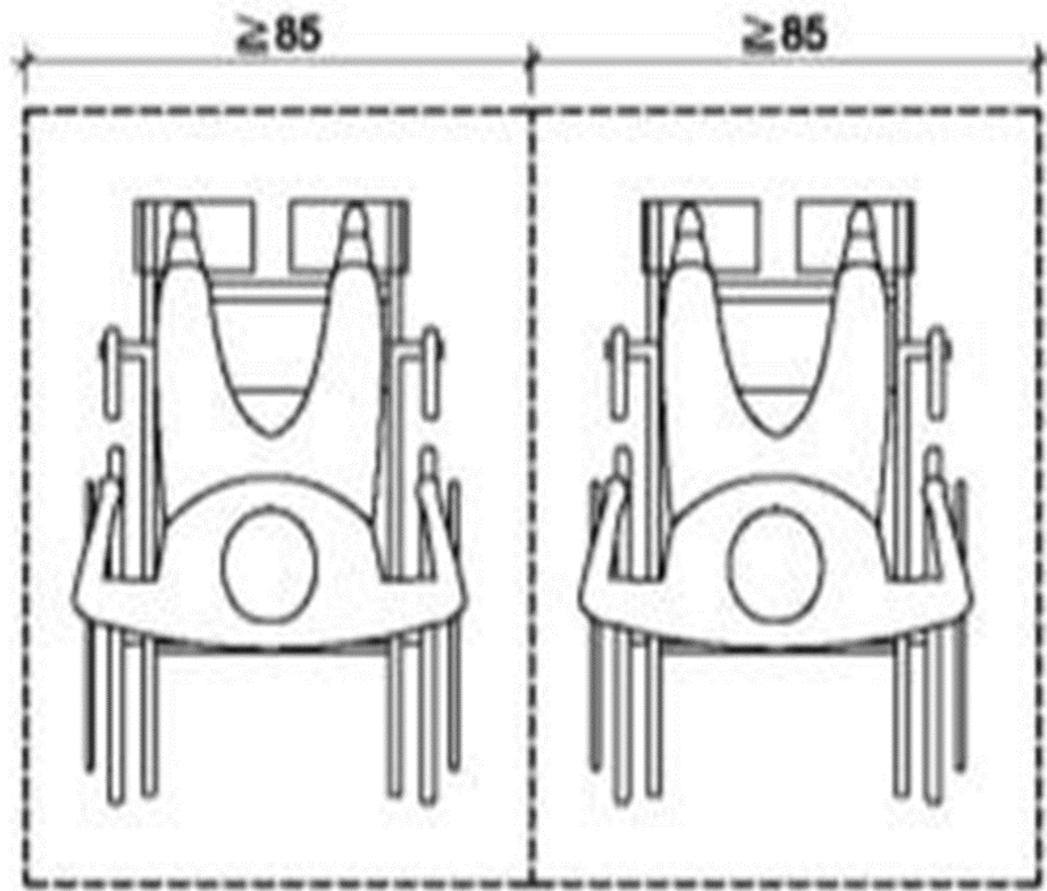
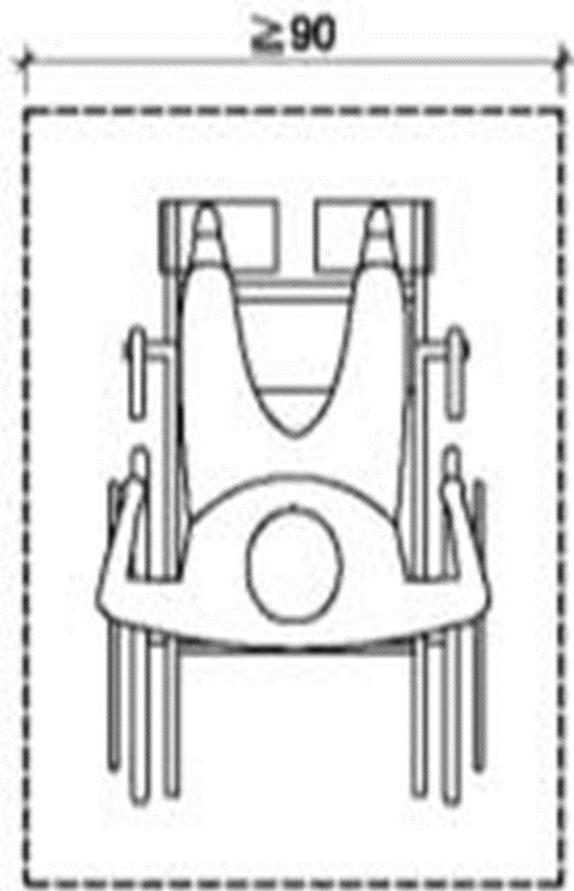


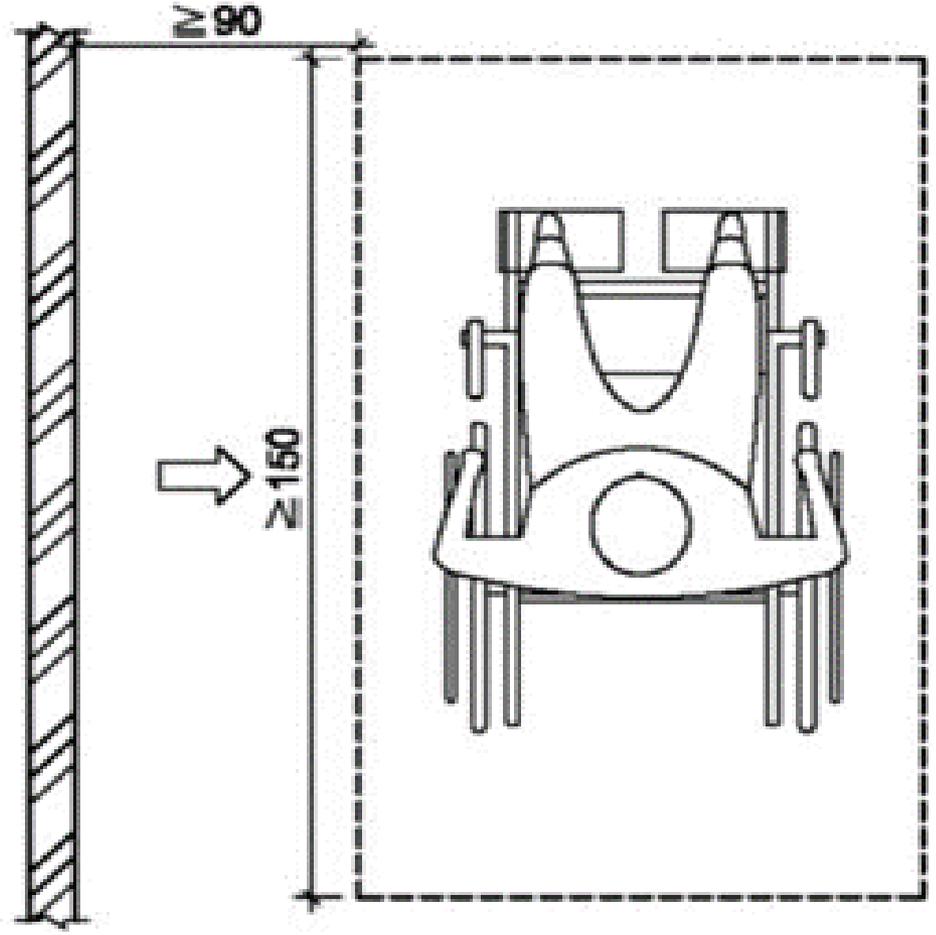
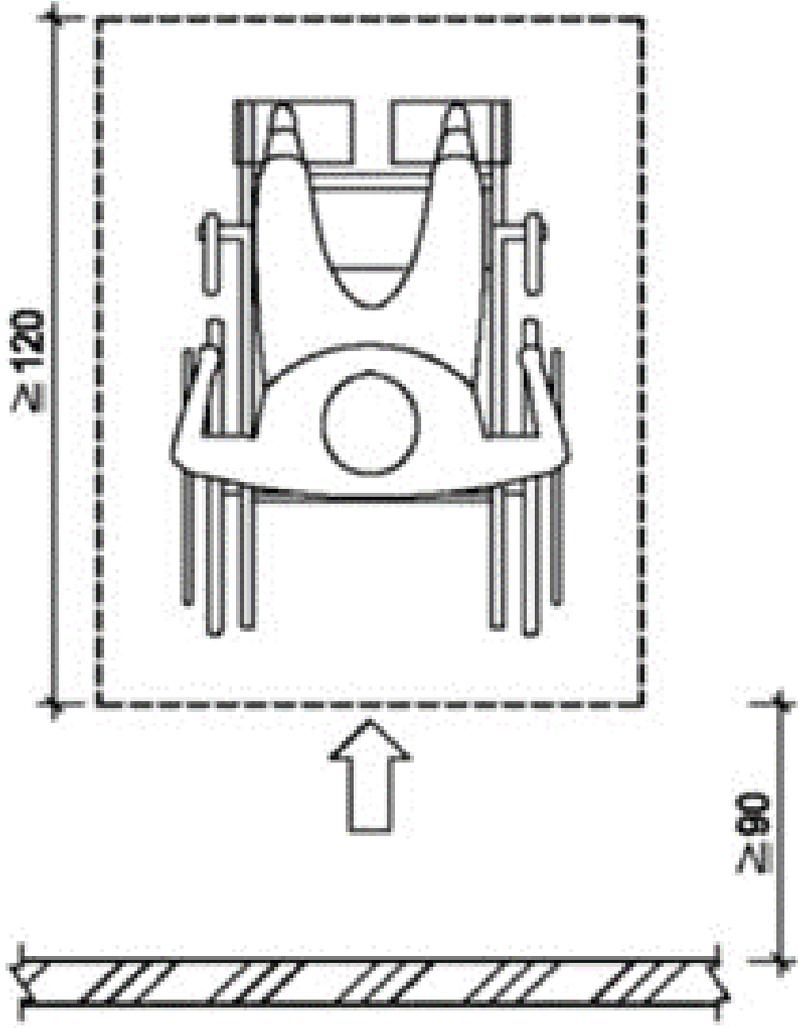


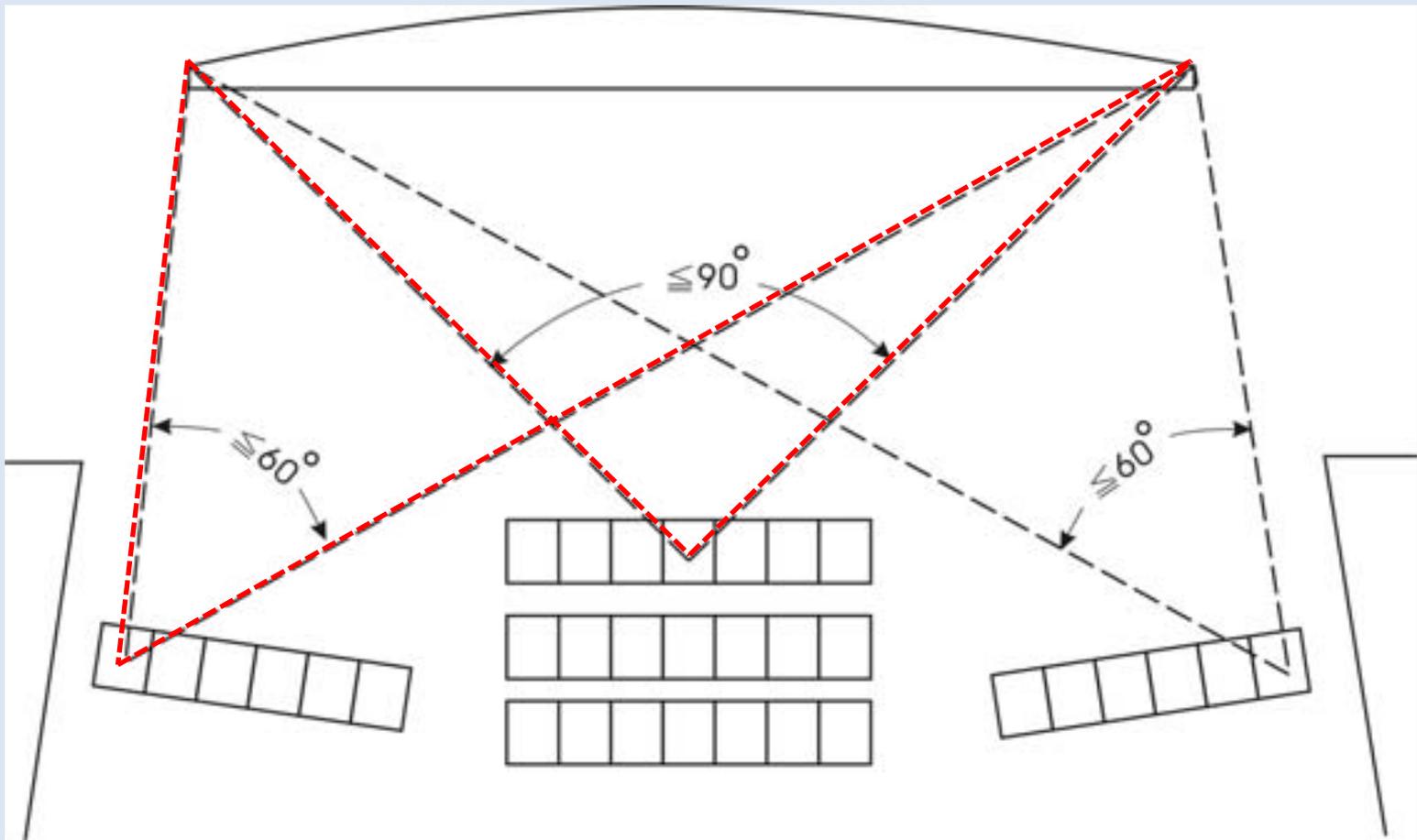


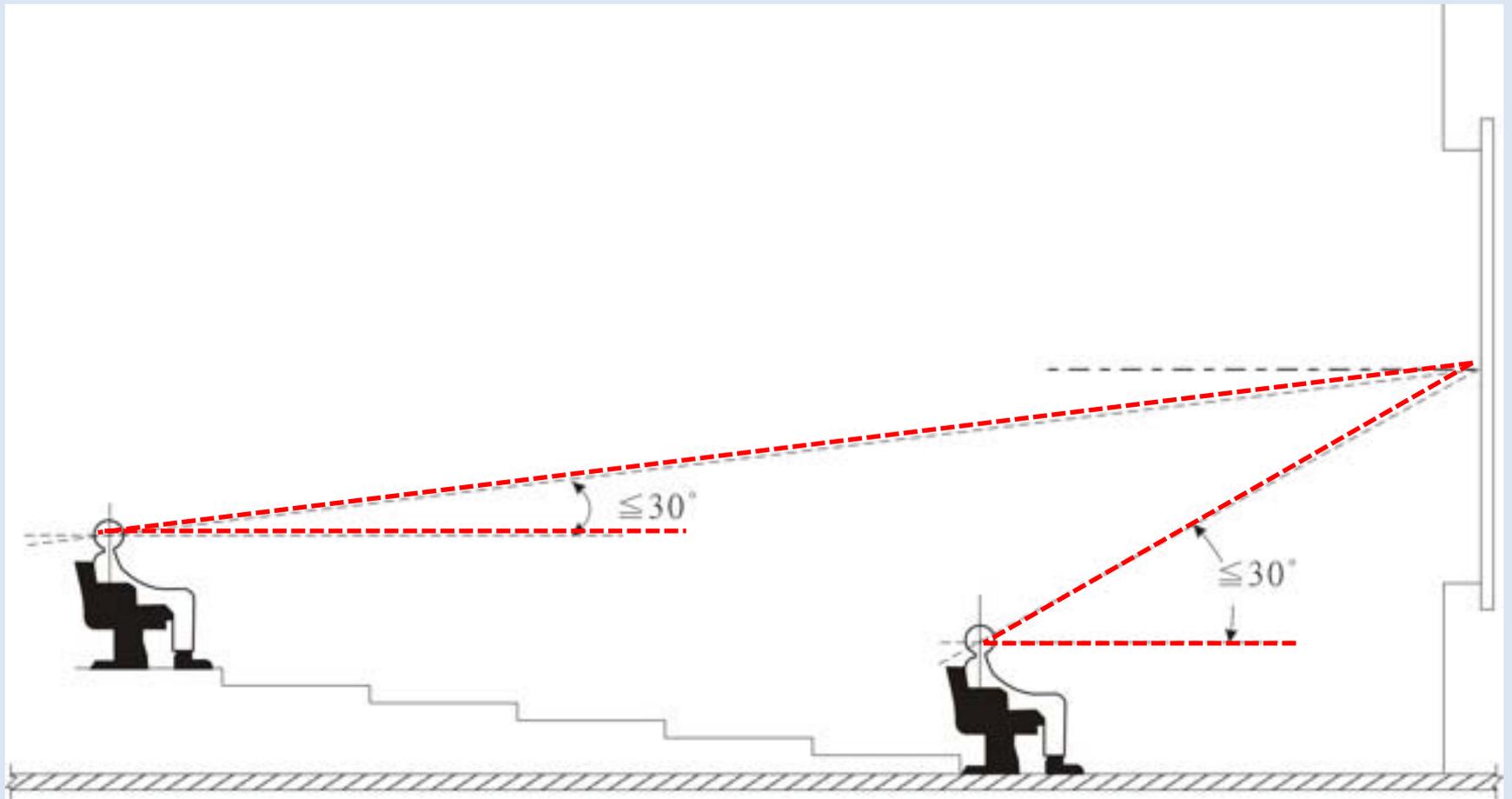
⑥ 輪椅觀眾席位



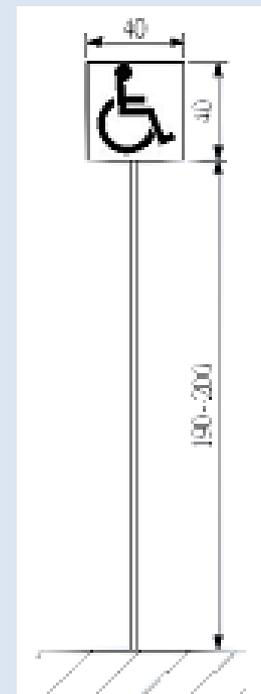
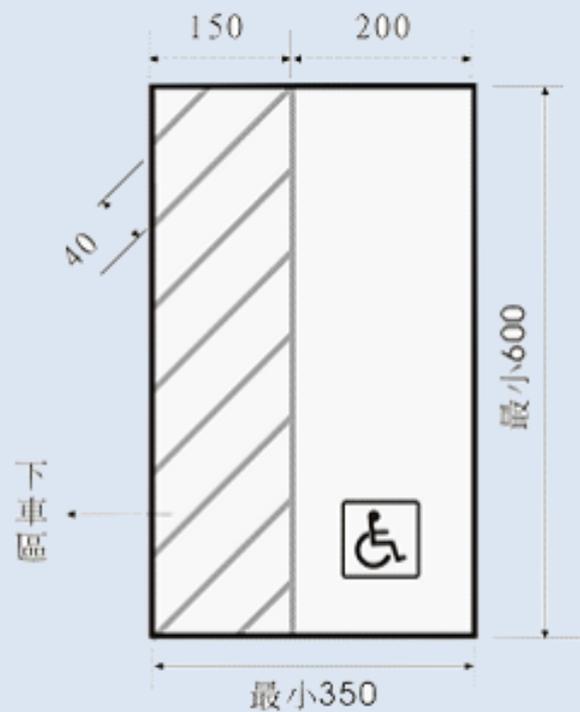
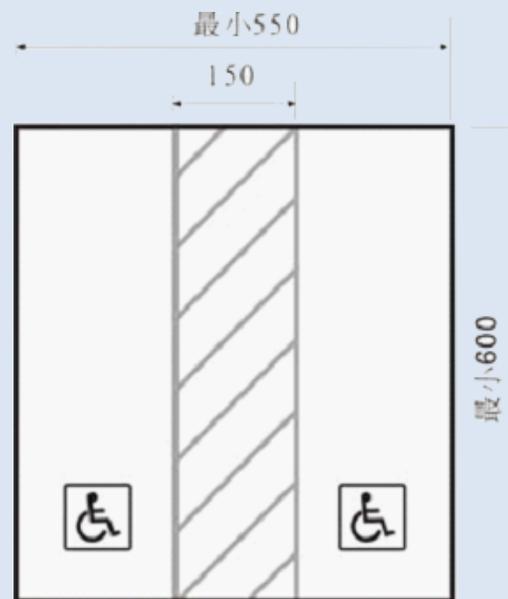


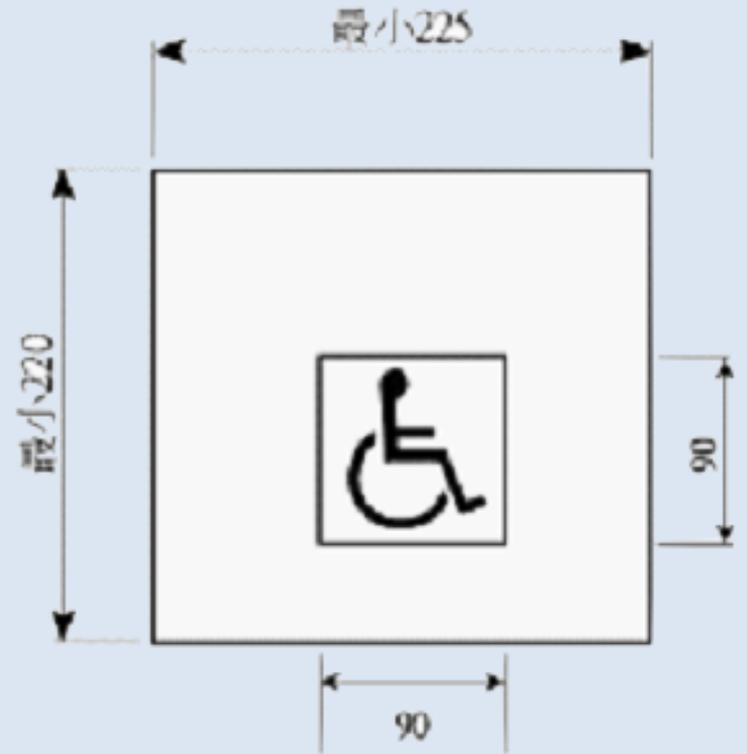






⑦ 無障礙停車位





⑧ 無障礙(引導)標誌



⑨ 無障礙客房



客房內通路 \geq 120cm
床間淨寬 \geq 90cm

客房內求助鈴2處
1.距地板面90~120cm
2.距地板面15~25cm



馬桶、浴缸或淋浴間
求助鈴得合併檢討。



電器插座及開關
距地板面高 70-100 公分
距柱、牆角 30 公分以上