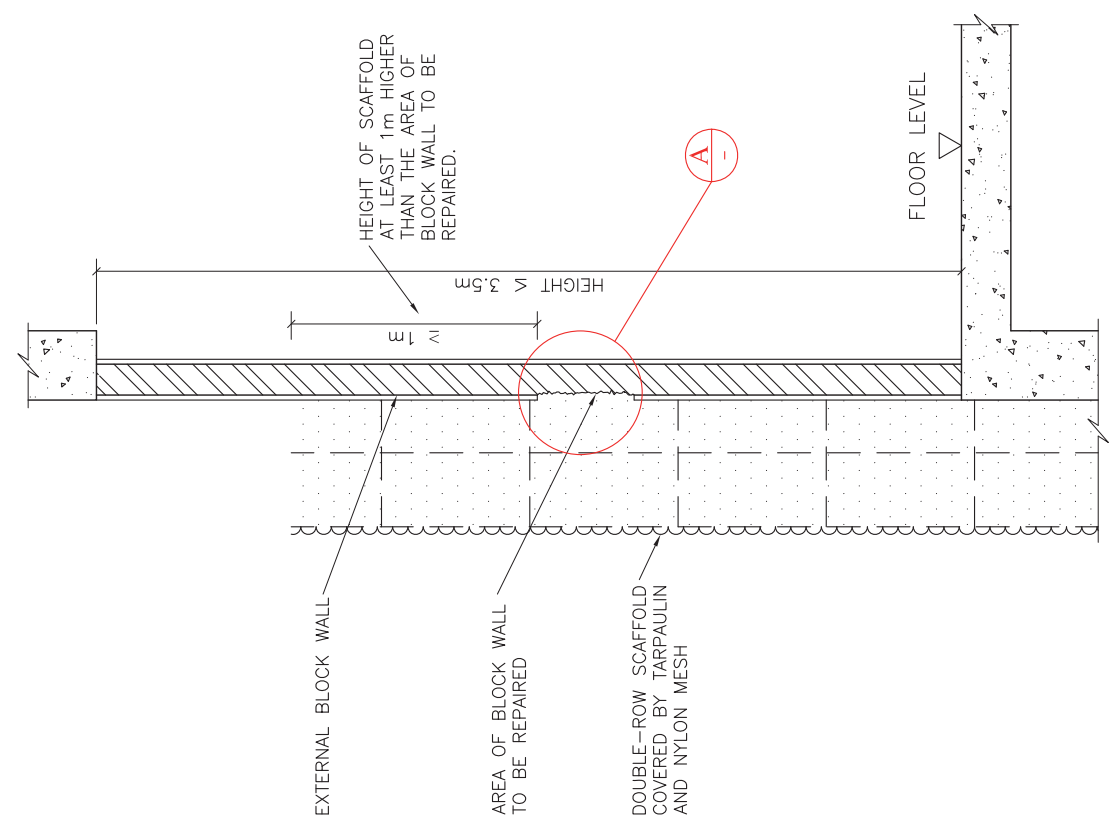






Appendix VII – Recommended Design and Details for Classes II & III Minor Works

<p><b>GENERAL NOTES :</b></p> <p>The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)</p> <p><b>PREPARATION WORKS :</b></p> <ol style="list-style-type: none"><li>1. Obtain the existing design drawings/ information for reference prior to the commencement of works.</li><li>2. Inform the utilities company or sector if the works to be involved.</li><li>3. Carry condition survey of the parent structure/existing condition prior to the commencement of works.</li></ol> <p><b>SAFETY AND PRECAUTIONARY MEASURES :</b></p> <ol style="list-style-type: none"><li>1. Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.</li><li>2. Bamboo scaffolds details shall refer to the following figures as shown on drawing no. GN-1.<ul style="list-style-type: none"><li>• Figure 1 Double-row bamboo scaffold and working platform over pavement</li><li>• Figure 4 Working platform on a double-row bamboo scaffold</li></ul></li></ol> <p><b>WORKING PROCEDURES :</b></p> <ol style="list-style-type: none"><li>1. Locate the crack area on wall by visual inspection and saw cut the rendering around the area to be repaired.</li><li>2. Remove the rendering using hand-held mechanical tools.</li><li>3. Rack out the defective/ loosen mortar along the fault line on the block wall to a minimum depth of 25mm.</li><li>4. Apply pointing in cement and sand (1:1) to the exposed joints.</li><li>5. Apply 20mm thick rendering (cement : sand = 1:3) to the wall.</li><li>6. Make good and reinstate the affected areas of the parent building.</li><li>7. Dismantle the bamboo scaffold and clean the site.</li></ol>	<p><b>REPAIR OF EXTERNAL BLOCK WALL (OTHER THAN A LOAD BEARING WALL) OF A BUILDING</b></p>
 <p>The diagram illustrates the repair of an external block wall. It shows a cross-section of the wall with a section to be repaired. A double-row bamboo scaffold is erected over the wall, with a working platform. The height of the scaffold is indicated as being at least 1m higher than the area of the block wall to be repaired. The repair area is shown with a red circle and a cross-section 'A-A'. The floor level is also indicated.</p> <p><b>REPAIR OF EXTERNAL BLOCK WALL</b></p>	<p><b>MINOR WORKS ITEM 3.12</b></p>

GENERAL NOTES :

1. The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)
2. All works shall comply with the following CoP/ standards:
  - Building (Construction) Regulations
  - Code of Practice on Wind Effects in Hong Kong 2004
  - Code of Practice for the Structural Use of Steel 2005
  - Code of Practice for the Structural Use of Concrete 2004
3. All structural steel to be grade S275 class 1 to BS EN 10025 and shall be hot dip galvanized to BS EN ISO 1461.
4. All connections to be 5 mm fillet weld all round with weld strength,  $p_w = 220 \text{ N/mm}^2$  to BS EN 10111 and all electrodes to BS EN ISO 2560.
5. All anchor bolts to be Hilti HSC-AR M10x40 and shall be installed according to the manufacturer's specification.
6. Concrete grade of the existing reinforced concrete wall shall be Grade 30 with a minimum thickness of 200mm.

DESIGN DIMENSIONS :

A = 1.2m, B = 1.2m, C = 300mm, Height = 3.2m

DESIGN LOADS :

1. Dead Load = 200kg/Leaf
2. Wind Load =  $1.82\text{kN/m}^2$  with force coeff. 2.0 (5m above site ground level)

PREPARATION WORKS :

1. Obtain the existing design drawings/ information for reference prior to the commencement of works.
2. Carry out condition survey of the parent structure/ existing condition to ensure it is structurally capable to hold the metal gate prior to the commencement of works.
3. Disconnect the electric locking device (if any) prior to the commencement of works.

SAFETY AND PRECAUTIONARY MEASURES :

1. Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.
2. The use of lifting device shall be in accordance with relevant Code of Practice/ Guidance Notes issued by the Labour Department.

WORKING PROCEDURES :

A. Erection

1. Install the metal gate as per the drawing.
2. Check the gate to ensure if it can operate smoothly.
3. Make good and reinstate the affected areas of the parent structure and clean the site.

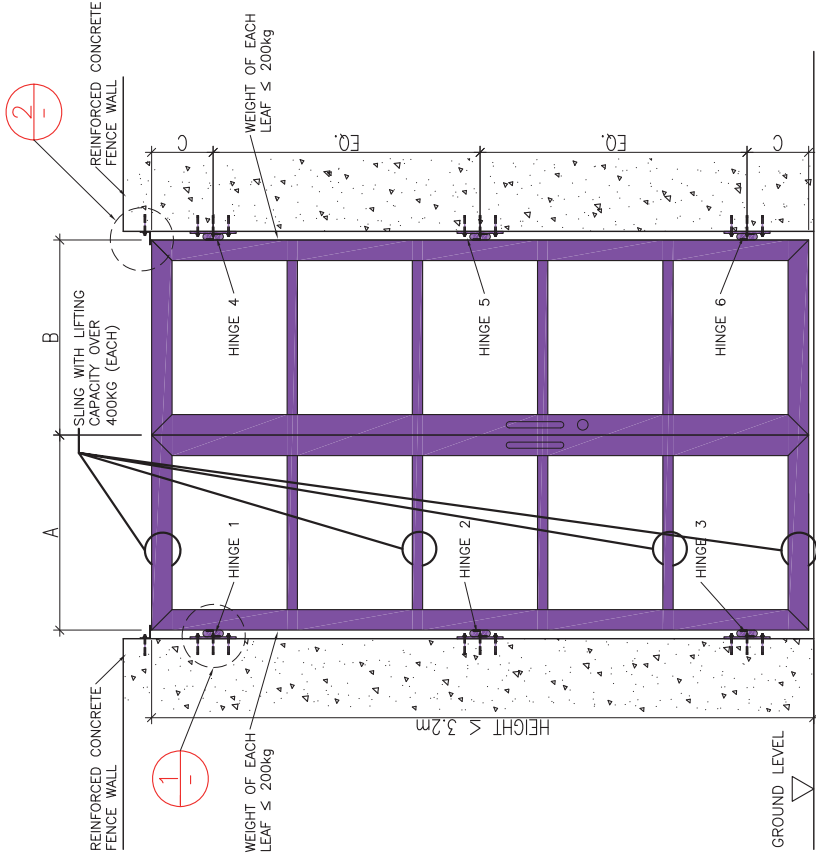
B. Alteration or Repair

1. Fix the lifting device(s) onto a secure point above the metal gate.
2. Temporary remove the metal gate by using lifting device(s).
3. Alter or repair the member(s) of the metal gate.
4. Erect the metal gate by the lifting device(s).
5. Make good and reinstate the affected areas of the parent structure and clean the site.

C. Removal

1. Refer to minor works item 3.33.

Remarks: This case excludes item 8 of the Designated Exempted Works.



DESIGN FORCES (UNFACTORED) LEGEND :

(NOTATIONS AS SHOWN IN DIAGRAM BELOW)  
 $F_x$  = Horizontal force parallel to wall  
 $F_y$  = Vertical force parallel to wall  
 $F_z$  = Horizontal force perpendicular to wall

Case 1 : Door Closed

Forces (kN)

Hinge no.

1 2 3

$F_x$  0.5 0 -0.5

$F_y$  -1.0 0 -1.0

$F_z$  +/-7.0 0 +/-7.0

(Hinges no. 4, 5 and 6 are similar. Users can conservatively adopted the same design forces as hinges no. 1, 2 and 3 respectively)

Case 2 : Door Opened (90 degree to the wall)

Forces (kN)

Hinge no.

1 2 3

$F_x$  +/-7.0 0 +/-7.0

$F_y$  -1.0 0 -1.0

$F_z$  0.5 0 -0.5

(Hinges no. 4, 5 and 6 are similar. Users can conservatively adopted the same design forces as hinges no. 1, 2 and 3 respectively)

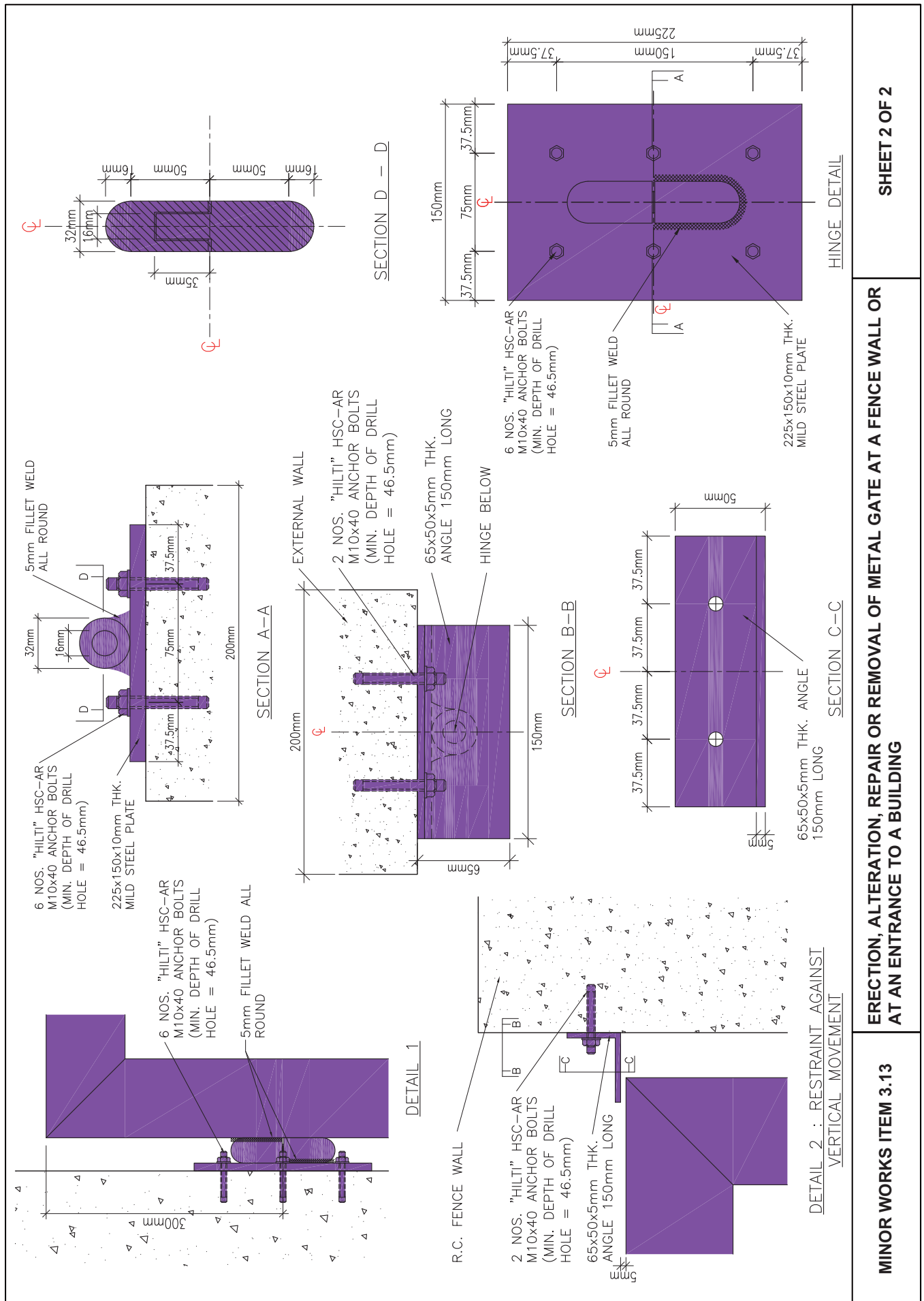
ERECTION OF METAL GATE AT A FENCE WALL OR AT AN ENTRANCE TO A BUILDING

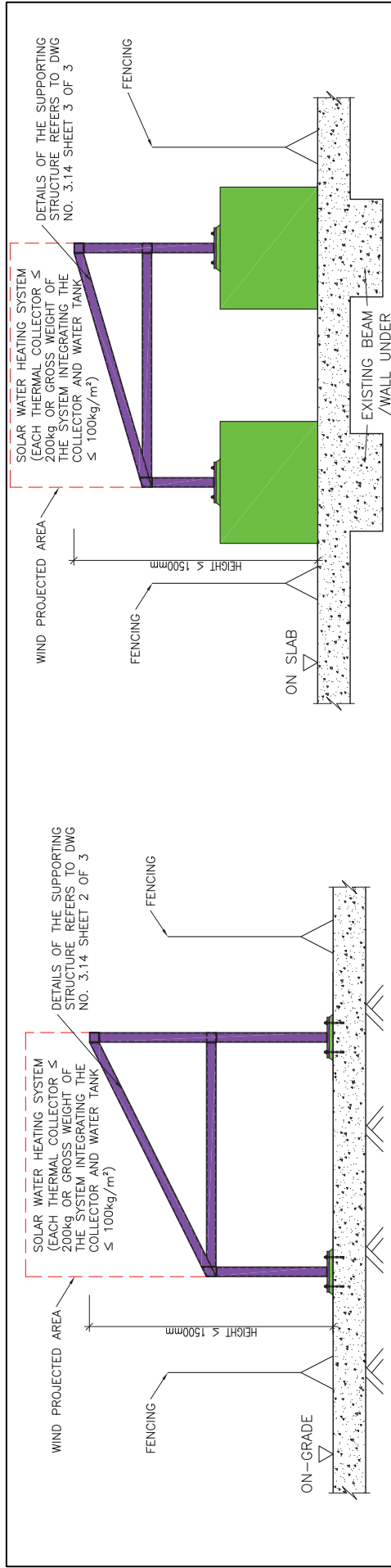
MINOR WORKS ITEM 3.13

ERECTION, ALTERATION, REPAIR OR REMOVAL OF METAL GATE AT A FENCE WALL OR AT AN ENTRANCE TO A BUILDING

SHEET 1 OF 2

## Appendix VII – Recommended Design and Details for Classes II & III Minor Works





CASE 1: ERECTION OF SUPPORTING STRUCTURE ON-GRADE

CASE 2: ERECTION OF SUPPORTING STRUCTURE ON A SLAB

GENERAL NOTES :

- The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)
- All works shall comply with the following CoP/ standards:
  - Building (Construction) Regulations 1997
  - Code of Practice on Wind Effects in Hong Kong 2004
  - Code of Practice for the Structural Use of Steel 2005
  - Code of Practice for the Structural Use of Concrete 2004
  - Code of Practice for Foundations
- All structural steel to be grade S275 class 1 to BS EN 10210 and shall be hot dip galvanized to BS EN ISO 1461.
- All connections to be butt weld with weld strength,  $p_w = 220 \text{ N/mm}^2$  to BS EN 1011 and all electrodes to BS EN ISO 2560.
- All anchor bolts to be Hilti HSA-R M16 and shall be installed according to the manufacturer's specification.
- All concrete works shall comply with CS1.
- Existing concrete grade is assumed to be Grade 30 with 75 mm concrete cover.
- Steel reinforcement shall comply with CS2:1995 and to be high yield type II deformed bar with the characteristic strength of  $460 \text{ N/mm}^2$ .
- Minimum anchorage and lap length to be  $600 \text{ mm}$  unless otherwise specified.
- Minimum allowable ground pressure to be  $50 \text{ kN/m}^2$ .
- All steel members shall be protected with one coat of "SIKA UNITHERM 38091 EXTERIOR" fire resistance paint or equivalent to the manufacturer's specification with thickness of  $1.5 \text{ mm}$  ( $Hp/A = 175$ ).
- The design is valid subject to structural adequacy of existing parent structure otherwise scheme involving stiffening/ spreader beams etc. may be necessary.

DESIGN LOADS :

- Dead Load =  $1.0 \text{ kN/m}^2$
- Live Load =  $0.5 \text{ kN/m}^2$
- Wind Load =  $1.82 \text{ kN/m}^2$  with force coeff. 2.0 ( $< 5 \text{ m}$  above site ground level) or  $3.64 \text{ kN/m}^2$  with force coeff. 2.0 on roof ( $< 100 \text{ m}$  above site area)

PREPARATION WORKS :

- Obtain the original design drawings/ information for reference prior to the commencement of works.
- Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.
- Obtain the original design of the approved structure for reference of any required reinstatement works.
- The structural adequacy of the supporting parent structure due to the additional installation of minor works must be checked to satisfaction of structural requirement prior to the carrying out of minor works.

SAFETY AND PRECAUTIONARY MEASURES :

- Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.
- No accumulation of demolition parts should be stored on roof.

WORKING PROCEDURES :

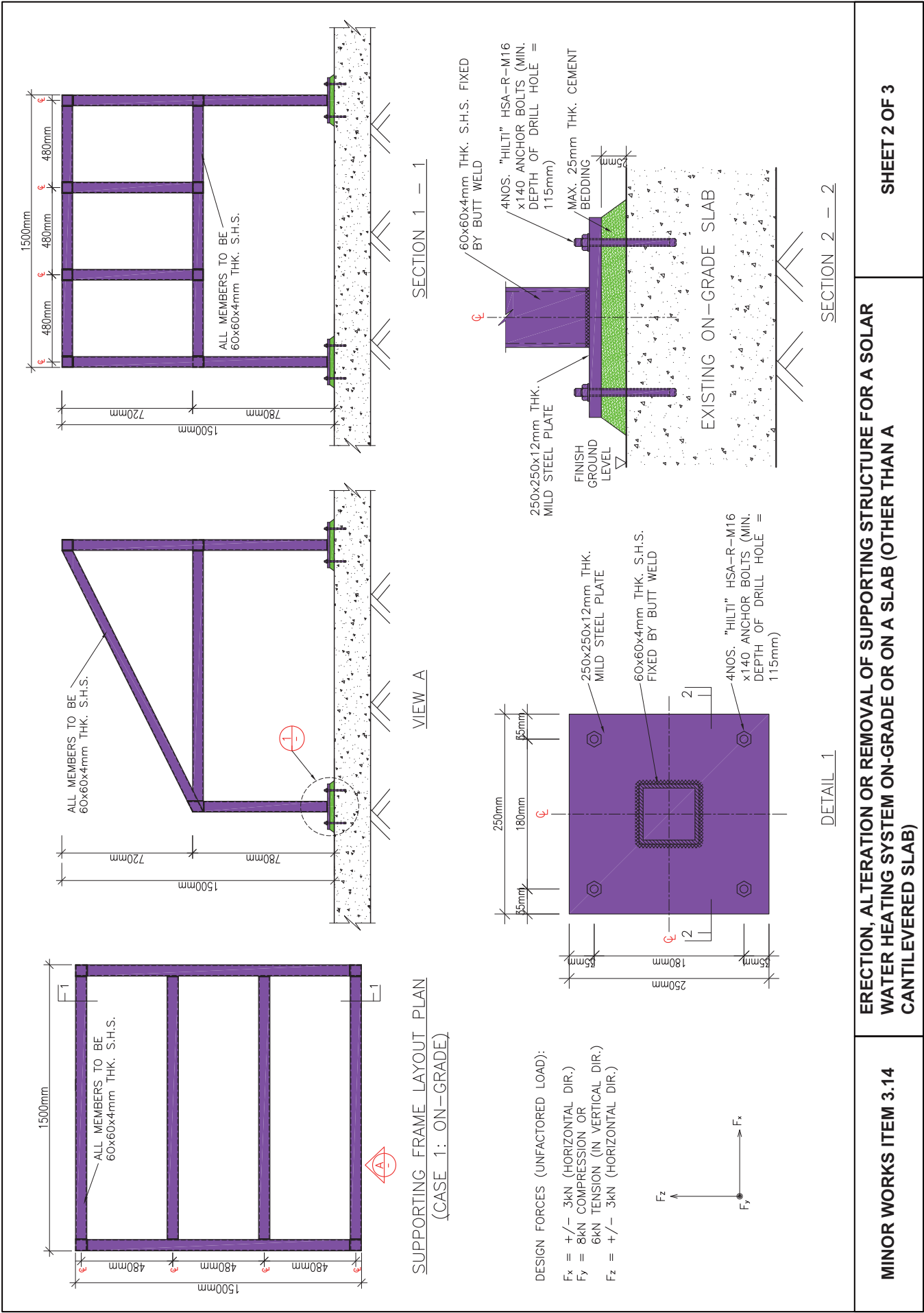
- Erection
  - Erect the supporting structure as per the drawing.
  - Make good and reinstate the affected area (including waterproofing layer) of the parent building and clean the site.
- Alteration
  - Disconnect all water pipes and electrical cable or wires and remove the existing solar water heating system.
  - Erect the additional steel member(s) from the steel bracket(s) to the designed strengthening point(s) of the supporting structure by welding.
  - Make good and reinstate the affected area (including waterproofing layer) of the parent building and clean the site.
- Removal
  - Disconnect all water pipes and electrical cable or wires and remove the existing solar water heating system.
  - Cut the supporting structure into manageable size by hand-held tools or machine and retrieve for construction waste disposal.
  - Make good and reinstate the affected area (including waterproofing layer) of the parent building and clean the site.

Remarks: These cases exclude item 12 of the Designated Exempted Works.

MINOR WORKS ITEM 3.14	ERECTION, ALTERATION OR REMOVAL OF SUPPORTING STRUCTURE FOR A SOLAR WATER HEATING SYSTEM ON-GRADE OR ON A SLAB (OTHER THAN A CANTILEVERED SLAB)	SHEET 1 OF 3
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Appendix VII – Recommended Design and Details for Classes II & III Minor Works





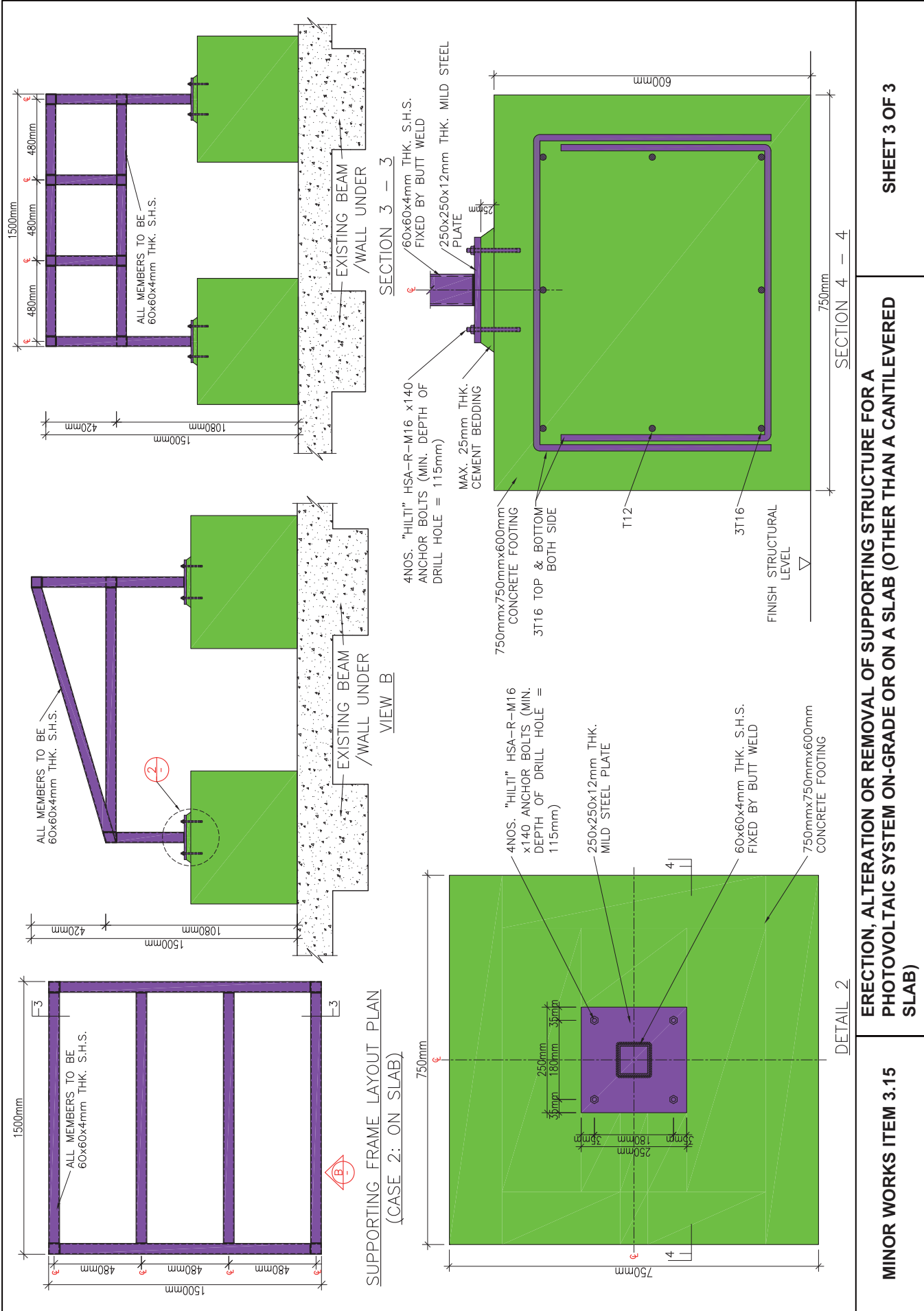


# Appendix VII – Recommended Design and Details for Classes II & III Minor Works

<div><div><p>DETAILS OF THE SUPPORTING STRUCTURE REFERS TO DWG NO. 3.15 SHEET 2 OF 3</p></div><div><p>DETAILS OF THE SUPPORTING STRUCTURE REFERS TO DWG NO. 3.15 SHEET 3 OF 3</p></div></div> <div><div><p><b>CASE 1: ERECTION OF SUPPORTING STRUCTURE ON-GRADE</b></p><p><b>GENERAL NOTES :</b></p><ol style="list-style-type: none"><li>The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)</li><li>All works shall comply with the following CoP/ standards:<ul style="list-style-type: none"><li>Building (Construction) Regulations 1997</li><li>Code of Practice on Wind Effects in Hong Kong 2004</li><li>Code of Practice for the Structural Use of Steel 2005</li><li>Code of Practice for the Structural Use of Concrete 2004</li><li>Code of Practice for Foundations</li></ul></li><li>All structural steel to be grade S275 class 1 to BS EN 10210 and shall be hot dip galvanized to BS EN ISO 1461.</li><li>All connections to be butt weld with weld strength, <math>p_w = 220 \text{ N/mm}^2</math> to BS EN 1011 and all electrodes to BS EN ISO 2560.</li><li>All anchor bolts to be Hilti HSA-R M16 and shall be installed according to the manufacturer's specification.</li><li>All concrete works shall comply with CS1.</li><li>Existing concrete grade is assumed to be Grade 30 with 75 mm concrete cover.</li><li>Steel reinforcement shall comply with CS2:1995 and to be high yield type II deformed bar with the characteristic strength of <math>460 \text{ N/mm}^2</math>.</li><li>Minimum anchorage and lap length to be <math>600\text{mm}</math> unless otherwise specified.</li><li>Minimum allowable ground pressure to be <math>50 \text{ kN/m}^2</math>.</li><li>All steel members shall be protected with one coat of "SIKA UNITHERM 38091 EXTERIOR" fire resistance paint or equivalent to the manufacturer's specification with thickness of <math>1.5\text{mm}</math> (<math>H_p/A = 175</math>).</li><li>The design is valid subject to structural adequacy of existing parent structure otherwise scheme involving stiffening/ spreader beams etc. may be necessary.</li></ol><p><b>DESIGN LOADS :</b></p><ol style="list-style-type: none"><li>Dead Load = <math>1.0\text{kN/m}^2</math></li><li>Live Load = <math>0.5\text{kN/m}^2</math></li><li>Wind Load = <math>1.82\text{kN/m}^2</math> with force coeff. 2.0 (<math>&lt; 5\text{m}</math> above site ground level) or <math>3.64 \text{ kN/m}^2</math> with force coeff. 2.0 on roof (<math>&lt; 100\text{m}</math> above site area)</li></ol></div><div><p><b>CASE 2: ERECTION OF SUPPORTING STRUCTURE ON A SLAB</b></p><p><b>PREPARATION WORKS :</b></p><ol style="list-style-type: none"><li>Obtain the original design drawings/ information for reference prior to the commencement of works.</li><li>Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.</li><li>Obtain the original design of the approved structure for reference of any required reinstatement works.</li><li>The structural adequacy of the supporting parent structure due to the additional installation of minor works must be checked to satisfaction of structural requirement prior to the carrying out of minor works.</li></ol><p><b>SAFETY AND PRECAUTIONARY MEASURES :</b></p><ol style="list-style-type: none"><li>Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.</li><li>No accumulation of demolition parts should be stored on roof.</li></ol><p><b>WORKING PROCEDURES :</b></p><p><b>A. Erection</b></p><ol style="list-style-type: none"><li>Erect the supporting structure as per the drawing.</li><li>Make good and reinstate the affected area (including waterproofing layer) of the parent building and clean the site.</li></ol><p><b>B. Alteration</b></p><ol style="list-style-type: none"><li>Disconnect all electrical cable or wires and remove the existing photovoltaic system.</li><li>Erect the additional steel member(s) from the steel bracket(s) to the designed strengthening point(s) of the supporting structure by welding.</li><li>Make good and reinstate the affected area (including waterproofing layer) of the parent building and clean the site.</li></ol><p><b>C. Removal</b></p><ol style="list-style-type: none"><li>Disconnect all electrical cable or wires and remove the existing photovoltaic system.</li><li>Cut the supporting structure into manageable size by hand-held tools or machine and retrieve for construction waste disposal.</li><li>Make good and reinstate the affected area (including waterproofing layer) of the parent building and clean the site.</li></ol><p>Remarks: These cases exclude item 12 of the Designated Exempted Works.</p></div></div> <div><div><p><b>MINOR WORKS ITEM 3.15</b></p></div><div><p><b>ERECTION, ALTERATION OR REMOVAL OF SUPPORTING STRUCTURE FOR A PHOTOVOLTAIC SYSTEM ON-GRADE OR ON A SLAB (OTHER THAN A CANTILEVERED SLAB)</b></p></div><div><p><b>SHEET 1 OF 3</b></p></div></div>
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Appendix VII – Recommended Design and Details for Classes II & III Minor Works



GENERAL NOTES :

- The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)
- All works shall comply with the following CoP/ standards:
  - Building (Construction) Regulations in Hong Kong 2004
  - Code of Practice on Wind Effects in Hong Kong 2004
  - Code of Practice for the Structural Use of Steel 2005
  - Code of Practice for the Structural Use of Concrete 2004
- All structural steel to be grade S275 class 1 to BS EN 10210 and shall be hot dip galvanized to BS EN ISO 1461.
- All connections to be 4 mm fillet weld all round with weld strength,  $p_w = 220 \text{ N/mm}^2$  to BS EN 1011 and all electrodes to BS EN ISO 2560.
- All anchors bolt to be Hilti HSA-R M16 and shall be installed according to the manufacturer's specification.
- Concrete grade of the existing reinforced concrete column is assumed to be Grade 20 with a minimum thickness of 400mm.
- All steel members shall be protected with one coat of "UNITHERM 38091" fire resistance paint with thickness of 1.5mm ( $H_p/A = 175$ ).
- All banners should be made of non-combustible material.
- Tolerances such as lack of fit, hole diameter and dimensions etc shall be allowed in accordance with the provision of "Code of Practice for the Structural Use of Steel 2005".

DESIGN LOADS :

- Dead Load =  $1.00 \text{ kN/m}^2$  (Including cladding)
- Wind Load =  $2.01 \text{ kN/m}^2$  with total pressure coefficient 2.0

PREPARATION WORKS:

- Obtain the existing design drawings/ information of the signboard for reference.
- Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.
- If the signboard consists of light emitting diodes, disconnect the power to the signboard before the commencement of works.
- Obtain the original design of the approved structure for reference of any required reinstatement works.
- The structural adequacy of the supporting parent structure due to the additional installation of minor works must be checked to the satisfaction of structural requirement prior to the carrying out of minor works.
- Plastering or rendering should be removed to expose concrete face before installation of anchor bolts and base plate.

SAFETY AND PRECAUTIONARY MEASURES :

- Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.
- Bamboo scaffolds details shall refer to the following figure as shown on drawing no. GN-1.
  - Figure 4 Working platform on a double-row bamboo scaffold
  - Figure 5 Bamboo scaffold for signboard

WORKING PROCEDURES :

A. Erection

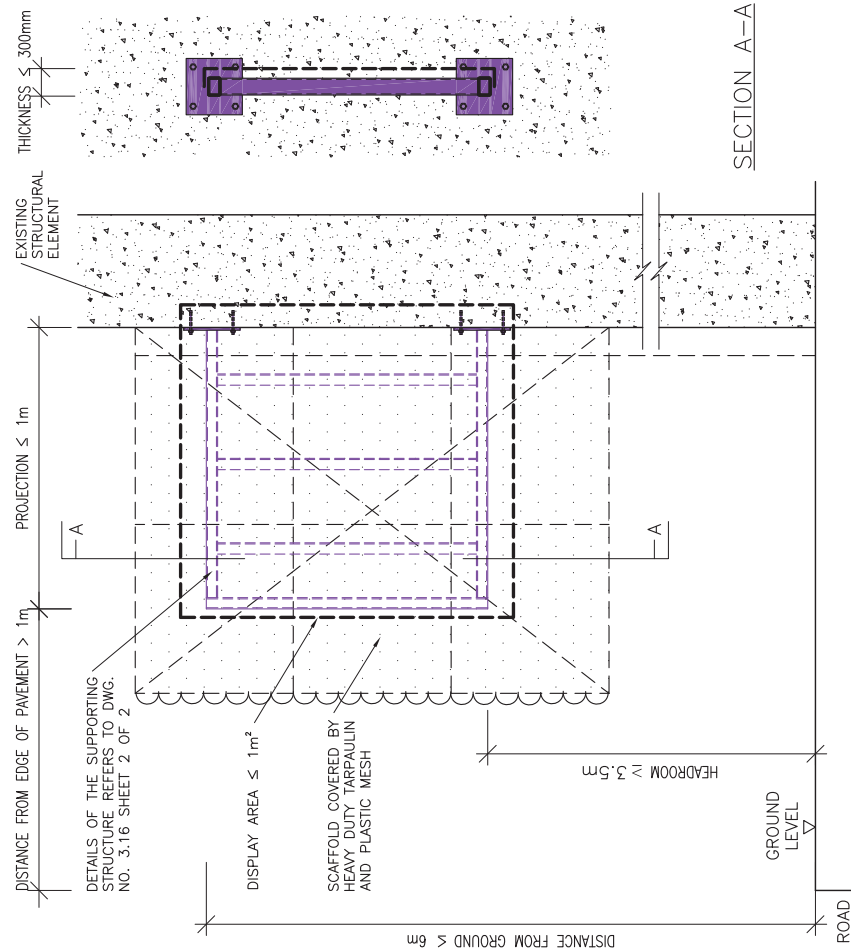
- Install the signboard as per the drawing.
- Make good and reinstate the affected areas of the parent building.
- Dismantle the bamboo scaffold and clean the site.

B. Alteration

- Remove the display surface/ loose parts from the signboard.
- Remove the defective member and replace with a new member of the same size.
- Make good and reinstate the affected areas of the parent building.
- Dismantle the bamboo scaffold and clean the site.

C. Removal

- Remove the display surface/ loose parts from the signboard.
- Remove the supporting frame of the signboard by cutting the member into smaller size for construction waste disposal.
- The removal works shall commence from the outmost side to the supporting ends at the parent structure.
- Make good and reinstate the affected areas of the parent building.
- Dismantle the bamboo scaffold and clean the site.



SECTION A-A

ERECTION OF PROJECTING SIGNBOARD

MINOR WORKS ITEM 3.16

ERECTION, ALTERATION OR REMOVAL OF PROJECTING SIGNBOARD (INCLUDING THE REPLACEMENT OF THE DISPLAY SURFACE OF SIGNBOARD)

SHEET 1 OF 2

## 206



GENERAL NOTES :

1. The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)
2. All works shall comply with the following CoP/ standards:
  - Building (Construction) Regulations
  - Code of Practice on Wind Effects in Hong Kong 2004
  - Code of Practice for Structural Use of Steel 2005
3. All structural steel to be grade S275 to BS EN 10210 and shall be hot dip galvanized to BS EN ISO 1461.
4. All connections to be 4mm fillet weld all round or butt weld with weld strength,  $p_w = 220 \text{ N/mm}^2$  unless otherwise specified.
5. All anchor bolts to be Hilti HSA-R-M10 and shall be installed according to the manufacturer's specification.
6. Existing concrete grade and minimum wall thickness are assumed to be Grade 20 and 100 mm respectively.
7. All removal of existing concrete shall be carried out by using of hand-held tools carefully.
8. All existing reinforcement should not be damaged.
9. All steel members shall be protected with one coat of "UNITHERM 38091" fire resistance paint with thickness of 1.5mm ( $H_p/A = 175$ )
10. All banner should be made of non-combustible material
11. Tolerances such as lack of fit, hole diameter and dimensions etc shall be allowed in accordance with the provision of "Code of Practice for the Structural Use of Steel 2005".

DESIGN LOADS :

1. Dead Load =  $0.2 \text{ kN/m}^2$
2. Live Load =  $1.0 \text{ kN/m}^2$
3. Wind Load =  $2.0 \text{ kN/m}^2$  with total pressure coeff. 1.4

PREPARATION WORKS :

1. Obtain the existing design drawings/ information of the signboard for reference.
2. Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.
3. Obtain the original design of the approved structure for reference of any required reinstatement works.
4. The structural adequacy of the supporting parent structure due to the additional installation of minor works must be checked to the satisfaction of structural requirement prior to the carrying out of the minor works.
5. Plastering or rendering should be removed to expose concrete face before installation of anchor bolts and base plate.

SAFETY AND PRECAUTIONARY MEASURES :

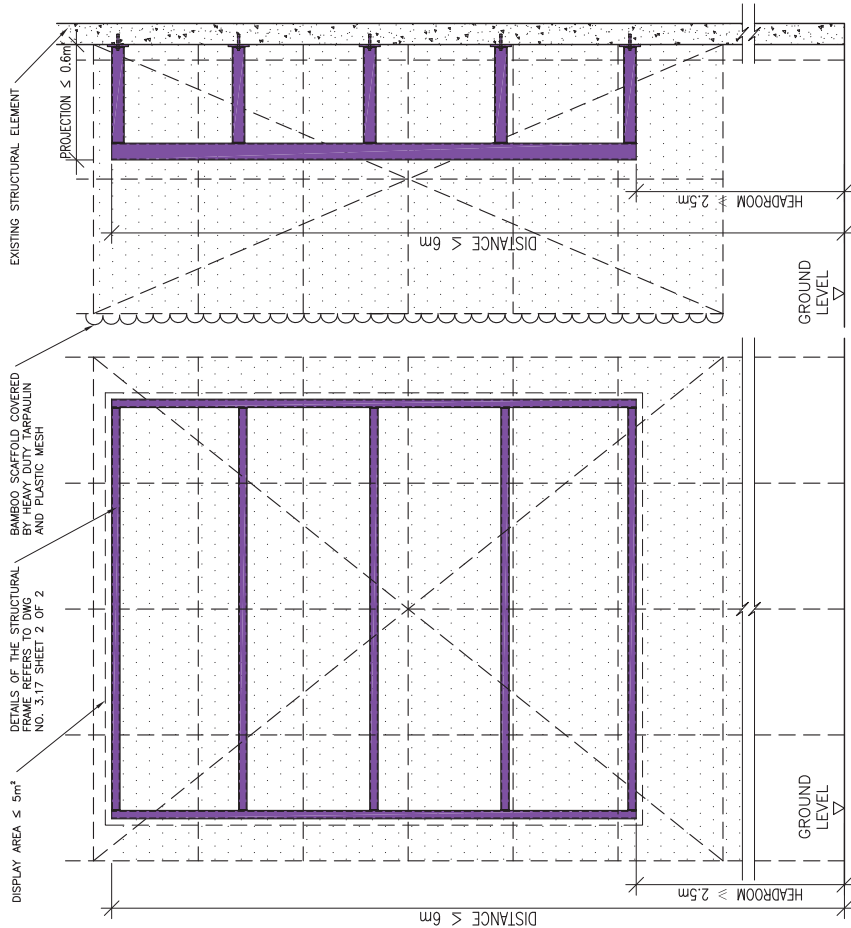
1. Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.
2. Bamboo scaffolds details shall refer to the following figures as shown on drawing no. GN-1:
  - Figure 4 Working platform on a double-row bamboo scaffold
  - Figure 5 Bamboo scaffold for signboard

WORKING PROCEDURES :

- A. Erection
1. Install the signage as per drawing NO. 3.17 SHEET 2 OF 2.
- B. Alteration
1. Remove the display surface and replace with a new one using the same fixing method.
  2. Dismantle bamboo scaffold and clean the site.
- C. Removal
1. Remove the display surface/ loose parts from the signboard.
  2. Remove the supporting frame of the signboard by cutting the member into smaller size for construction waste disposal.
  3. The removal works shall commence from the top to the bottom.
  4. Make good and reinstate the affected areas of the parent building.
  5. Dismantle the bamboo scaffold and clean the site.

Remarks :

1. This case excludes item 10 or 11 of the Designated Exempted Works.
2. This item excludes signboard comprising of display system with light emitting diodes.



FRONT ELEVATION

SIDE ELEVATION

Wall signboards at overhead of shopfront should have :

- (i) a minimum clearance of 2.5m from ground ; and
- (ii) be structurally independent without supporting any roller shutter or air-conditioning unit or being used for storage.

MINOR WORKS ITEM 3.17

ERECTION, ALTERATION OR REMOVAL OF WALL SIGNBOARD (INCLUDING THE REPLACEMENT OF THE DISPLAY SURFACE)

SHEET 1 OF 2

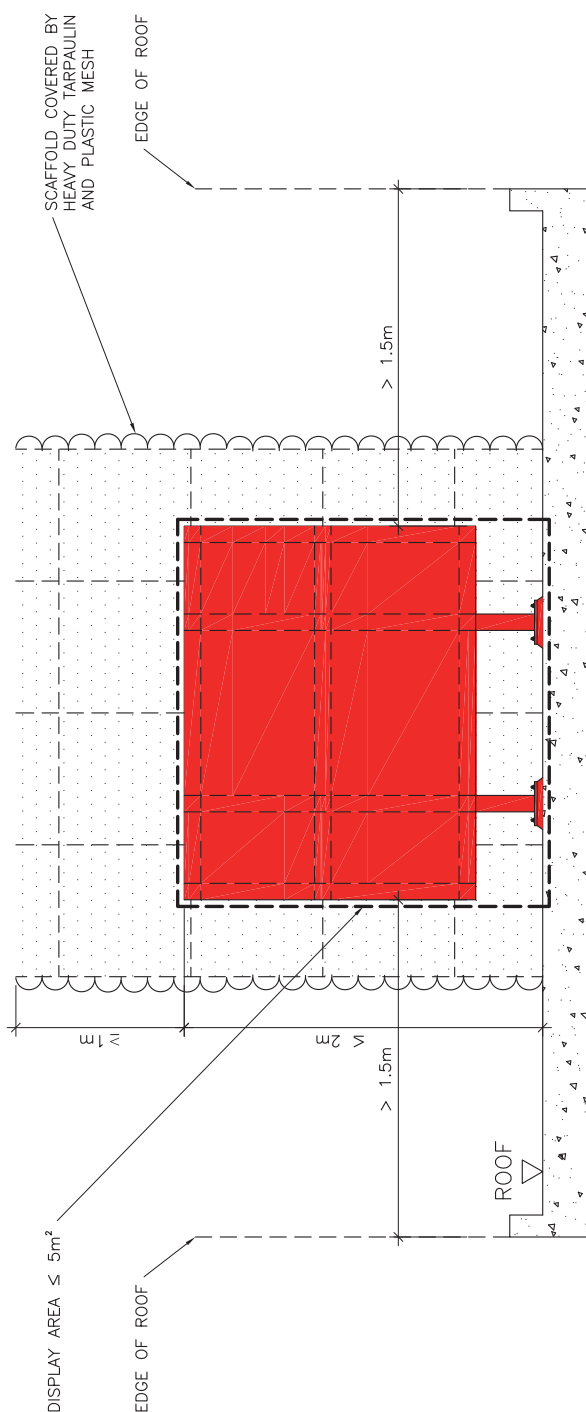


## 208



<div data-bbox="167 1142 1292 2094"> </div> <div data-bbox="151 224 694 1120"> <p><b>GENERAL NOTES :</b></p> <p>The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)</p> <p><b>PREPARATION WORKS :</b></p> <ol style="list-style-type: none"> <li>1. Obtain the existing design drawings/ information of the signboard for reference.</li> <li>2. Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.</li> <li>3. If the signboard consists of light emitting diodes, disconnect the power connected to the signboard before commencement of works.</li> <li>4. Obtain the original design of the approved structure for reference of any required reinstatement works.</li> </ol> <p><b>SAFETY AND PRECAUTIONARY MEASURES :</b></p> <ol style="list-style-type: none"> <li>1. Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.</li> <li>2. Bamboo scaffolds details shall refer to the following figure as shown on drawing no. GN-1. <ul style="list-style-type: none"> <li>• Figure 5 Bamboo scaffold for signage</li> </ul> </li> </ol> <p><b>WORKING PROCEDURES :</b></p> <ol style="list-style-type: none"> <li>1. Remove the display surface/ loose parts from the signboard.</li> <li>2. Remove the supporting frame of the signboard by cutting the member into smaller size for construction waste disposal</li> <li>3. The removal works shall commence from the outmost side to the supporting ends at the parent structure.</li> <li>4. Make good and reinstate the affected areas of the parent building.</li> <li>5. Dismantle the bamboo scaffold and clean the site.</li> </ol> </div>	<div data-bbox="1388 1758 1420 2083"> <b>MINOR WORKS ITEM 3.18</b> </div> <div data-bbox="1388 716 1420 1220"> <b>REMOVAL OF PROJECTING SIGNBOARD</b> </div>
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## Appendix VII – Recommended Design and Details for Classes II & III Minor Works



GENERAL NOTES :

The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)

PREPARATION WORKS :

1. Obtain the existing design drawings/ information of the signboard for reference.
2. Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.
3. If the signboard consists of light emitting diodes, disconnect the power connected to the signboard before commencement of works.
4. Obtain the original design of the approved structure for reference of any required reinstatement works.

### SAFETY AND PRECAUTIONARY MEASURES :

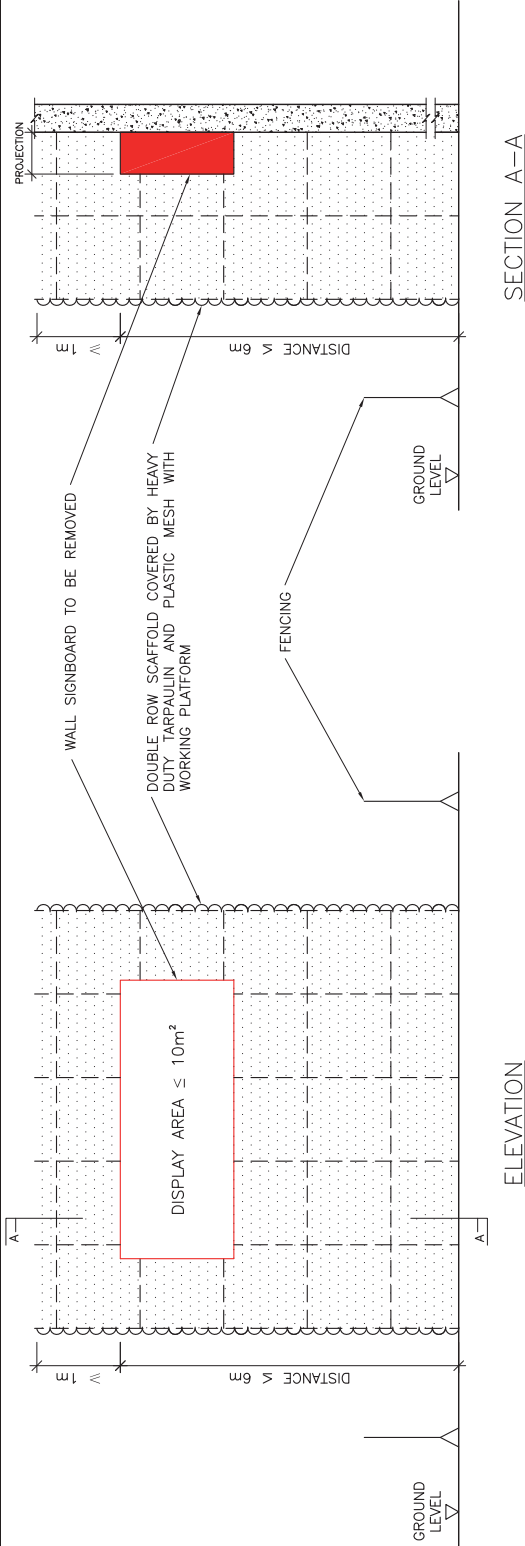
1. Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.
  2. Bamboo scaffolds details shall refer to the following figure as shown on drawing no. GN-1.
- Figure 4 Working platform on a double-row bamboo scaffold

## WORKING PROCEDURES :

1. Remove the display surface/ loose parts from the signboard.
2. Remove the supporting frame of the signboard by cutting the member into smaller size for construction waste disposal.
3. The removal works shall commence from the top to the bottom.
4. Make good and reinstate the affected areas(including waterproofing works) of the parent building.
5. Dismantle the bamboo scaffold and clean the site.

### MINOR WORKS ITEM 3.19

# REMOVAL OF SIGNBOARD LOCATED ON THE ROOF OF A BUILDING



#### GENERAL NOTES :

The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment. (Reference can be made to the examples listed in Sections 3 and 10 of the Guidelines.)

#### PREPARATION WORKS :

1. Obtain the existing design drawings/ information of the signboard for reference.
2. Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.
3. Obtain the original design of the approved structure for reference of any required reinstatement works.

#### SAFETY AND PRECAUTIONARY MEASURES :

1. Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.
2. Bamboo scaffolds details shall refer to the following figure as shown on drawing no. GN-1.
  - Figure 4 Working platform on a double-row bamboo scaffold

#### WORKING PROCEDURES :

1. Remove the display surface/ loose parts from the signboard.
2. Remove the supporting frame of the signboard by cutting the member into smaller size for construction waste disposal.
3. The removal works shall commence from the top to the bottom.
4. Make good and reinstate the affected areas of the parent building.
5. Dismantle the bamboo scaffold and clean the site.

#### Remarks :

1. This case excludes item 11 of the Designated Exempted Works.
2. This item excludes signboard comprising of display system with light emitting diodes.

#### MINOR WORKS ITEM 3.20

#### REMOVAL OF WALL SIGNBOARD