

**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 for Structural use of Concrete 2013
  - Concrete shall comply with CS1:2010
3. The works do not involve the alteration of other structural element.
4. Concrete grade and the minimum cover shall be grade 30 and 25 mm respectively.
5. Steel reinforcement shall be high yield type II deformed bar with the characteristic strength of 500 N/mm<sup>2</sup> and comply with CS2:2012.
6. Minimum anchorage and lap length are 40 x and 56 x diameter of the existing rebar unless otherwise specified.

**PREPARATION :**

1. Obtain the existing design drawings/ information for reference.
2. Inform the utilities company or sector if the works to be involved.
3. Carry out condition survey of the parent structure/ existing condition prior to the 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.
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

**WORKING PROCEDURES :**

**For Block Wall**

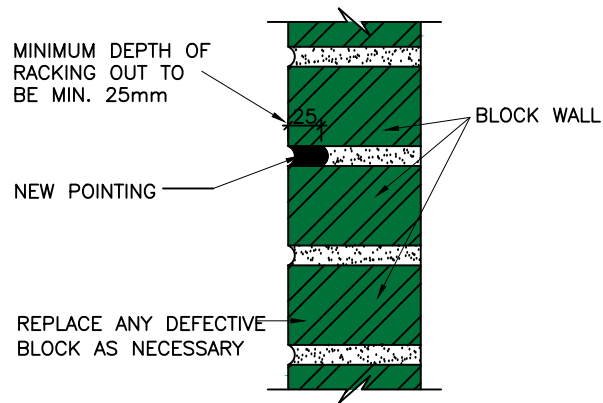
1. Locate the defective area on wall by visual inspection and saw cut around the area to be repaired.
2. Remove the defective part using hand-held mechanical tools.
3. Rack out the defective/ loosen mortar along the fault line on the block wall to a minimum depth of 25mm. Replace any defective blocks by new blocks.
4. Apply pointing in cement and sand (1:1) to the exposed joints.
5. Apply 20mm thick rendering (cement : sand = 1:3) to the wall as necessary.
6. Make good and reinstate the affected areas of the parent building.
7. Dismantle the bamboo scaffold and clean the site.

**For R.C. Wall**

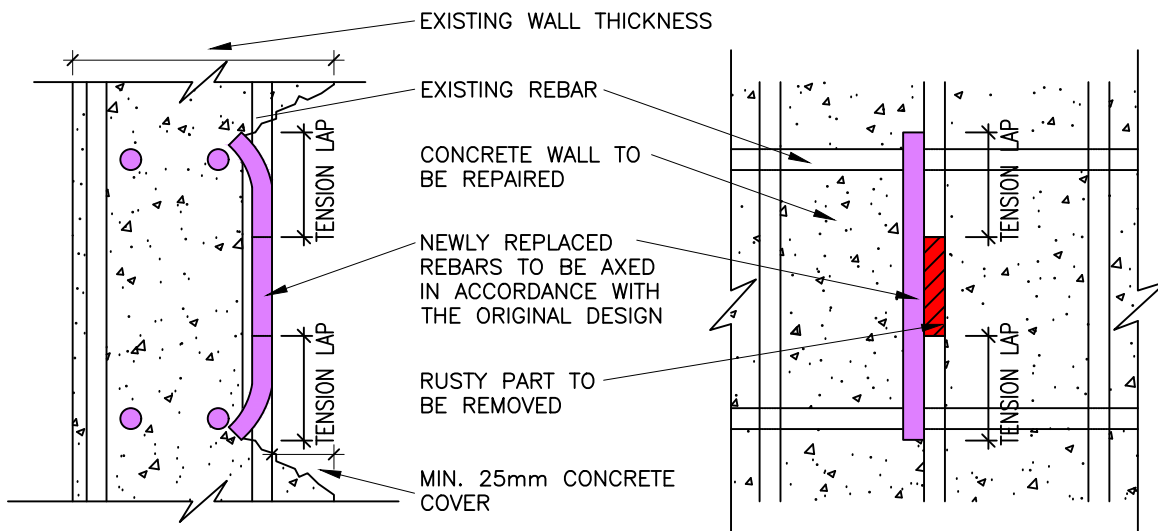
1. Saw cut and hack off finishes/concrete at the repair area using hand held mechanical tools to expose the steel bar and sound concrete substrate.
2. Remove rust on the steel bar and apply primer to steel bar. If the corroded steel bar is found substantially less than its original size after derusting, replacement of the steel bar with the same size is required. The lap length for the existing/ new steel bar shall be dependent on the type of repair mortar adopted and shall be in accordance with the supplier's instructions
3. Apply bonding coat and proprietary specialized repair mortar system according to supplier's instructions.
4. Apply procedure 1 to 3 to both vertical and horizontal rebars.
5. Make good and reinstate the affected areas of the parent building.
6. Remove the bamboo scaffold and clean the site.

Remarks : This case excludes DEW item 20 and MW item 3.61

MINOR WORKS ITEM 2.61	DRAWING TITLE : <b>REPAIR OF SOLID FENCE WALL ON THE ROOF OF A BUILDING</b>	SHEET 1 OF 2
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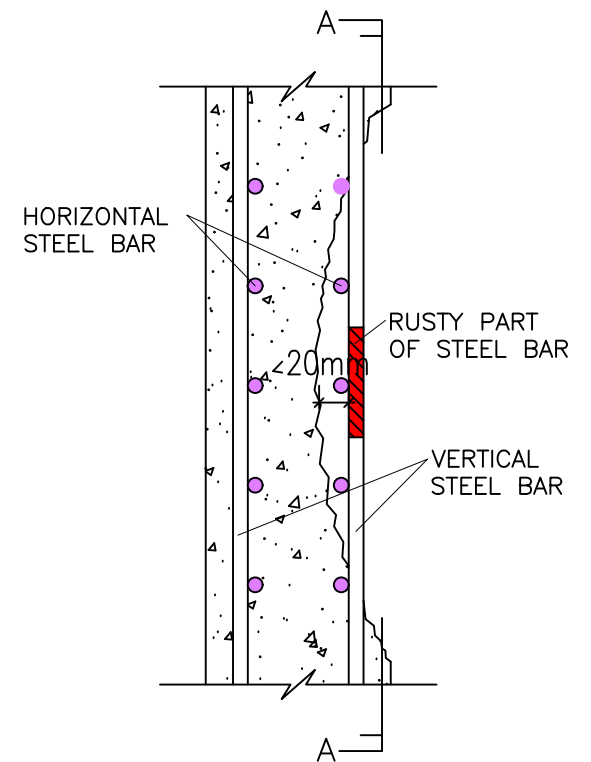


DETAIL 'A'  
(FOR BLOCK WALL)



REPLACEMENT OF DETERIORATED  
REBAR AT R.C. WALL

SECTION A - A



DETAIL 'A' - REPAIRING OF R.C. WALL

SCAFFOLD WORKING PLATFORM COVERED BY HEAVY DUTY TARPAULIN & PLASTIC MESH

MESH FENCE OR METAL RAILING TO BE REPAIRED (NOT USED AS PROTECTIVE BARRIER)

FENCING

DEFECTIVE PART TO BE REPAIRED

1000mm

HEIGHT  $\leq$  5m

SOLID WALL (e.g. R.C. WALL / BLOCK WALL)

H  $\leq$  1.5m

DETAIL 'A'

ROOF LEV.

ELEVATION

**SAFETY AND PRECAUTIONARY MEASURES :**

1. Fence-off the working area from the public.
2. Bamboo scaffolds details shall refer to the following figures as shown on drawing no. GN-1.
  - Figure 2 Truss-out bamboo scaffold
  - Figure 4 Working platform on a double-row bamboo scaffold

**WORKING PROCEDURES :**

1. Disconnect all services in vicinity that may be affected by the works.
2. Dismantle the defective steel member by oxy-acetylene torch to small pieces and replace with a new with the original design.
3. Debris from removal works should be put into bags and retrieved into the main building access for construction waste disposal.
4. The disposal of waste shall be at designated disposal facilities provided in waste disposal (charges for disposal of construction waste) regulation.
5. Reinstatement the affected areas where necessary.
6. Remove the bamboo scaffold and clean the site.

**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 for the Structural use of Steel 2011.
  - Code of Practice for Structural use of Concrete 2013.
  - Concrete shall comply with CS1:2010.
3. The works do not involve the alteration of other structural element.
4. All concrete works shall comply with CS1 2010.
5. Concrete grade and the minimum cover shall be grade 30 and 25 mm respectively.
6. Steel reinforcement shall be high yield type II deformed bar with the characteristic strength of 500 N/mm<sup>2</sup> and comply with CS2:2012.
7. Minimum anchorage and lap length are 40 x and 56 x diameter of the existing rebar unless otherwise specified.
8. All structural steel to be grade S275 J0/J0H to BS EN 10210 for hollow sections, BS EN 10056 for angles, BS EN 10029 for plates and BS EN 10025 for other sections and shall be hot dip galvanized to BS EN ISO 1461: 2009 with min. thickness 85  $\mu$ m.
9. All welds should be comply with BS EN 1011-1: 2009 and all welding works to be carried out by qualified welder.

**PREPARATION :**

1. Obtain the existing design drawings/ information for reference.
2. Inform the utilities company or sector if its works will be involved.
3. Carry out condition survey of the parent structure/ existing condition prior to the commencement of works.
4. Obtain the original design of the approved structure for reference of any required reinstatement works.

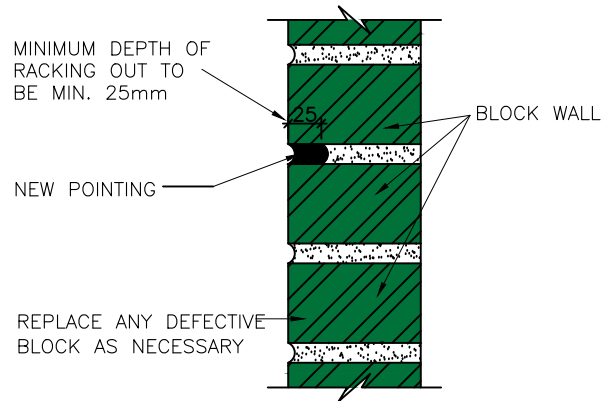
**For Block Wall**

1. Dismantle the part of mesh fence / railing which may be affected by the repair work.
2. Locate the defective area on wall by visual inspection and saw cut around the area to be repaired.
3. Remove the defective part using hand-held mechanical tools.
4. Rack out the defective/ loosen mortar along the fault line on the block wall to a minimum depth of 25mm. Place any defective blocks by new blocks.
5. Apply pointing in cement and sand (1:1) to the exposed joints.
6. Apply 20mm thick rendering (cement : sand = 1:3) to the wall as necessary.
7. Reinstall the metal fence/ railing.
8. Make good and reinstate the affected areas of the parent building.
9. Dismantle the bamboo scaffold and clean the site.

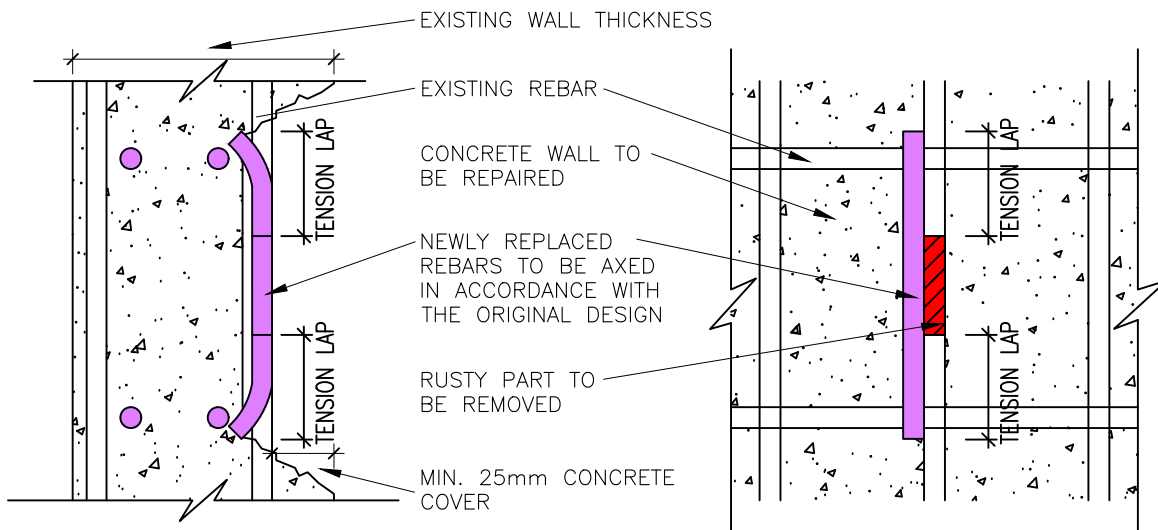
**For R.C. Wall**

1. Dismantle the part of mesh fence / railing which may be affected by the repair work.
2. Saw cut and hack off finishes/concrete at the repair area using hand held mechanical tools to expose the steel bar and sound concrete substrate.
3. Remove rust on the steel bar and apply primer to steel bar. If the corroded steel bar is found substantially less than its original size after derusting, replacement of the steel bar with the same size is required. The lap length for the existing/ new steel bar shall be dependent on the type of repair mortar adopted and shall be in accordance with the supplier's instructions
4. Apply bonding coat and proprietary specialized repair mortar system according to supplier's instructions.
5. Repeat procedure 1 to 3 to both vertical and horizontal rebars.
6. Reinstall the metal fence/ railing.
7. Make good and reinstate the affected areas of the parent building.
8. Remove the bamboo scaffold and clean the site.

Remarks : This case excludes MW item 3.62 and DEW item 18.  
The mesh fence or metal railing is not used as a protective barrier.

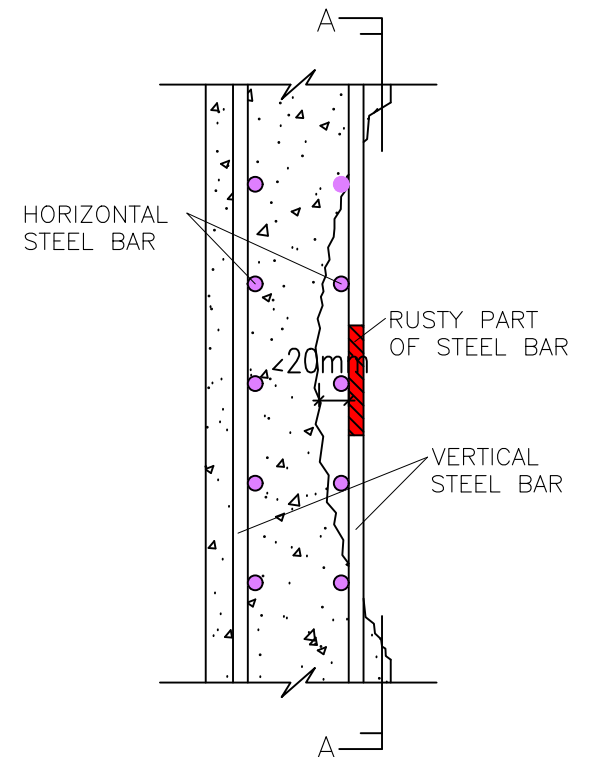


DETAIL 'A'  
(FOR BLOCK WALL)



REPLACEMENT OF DETERIORATED  
REBAR AT R.C. WALL

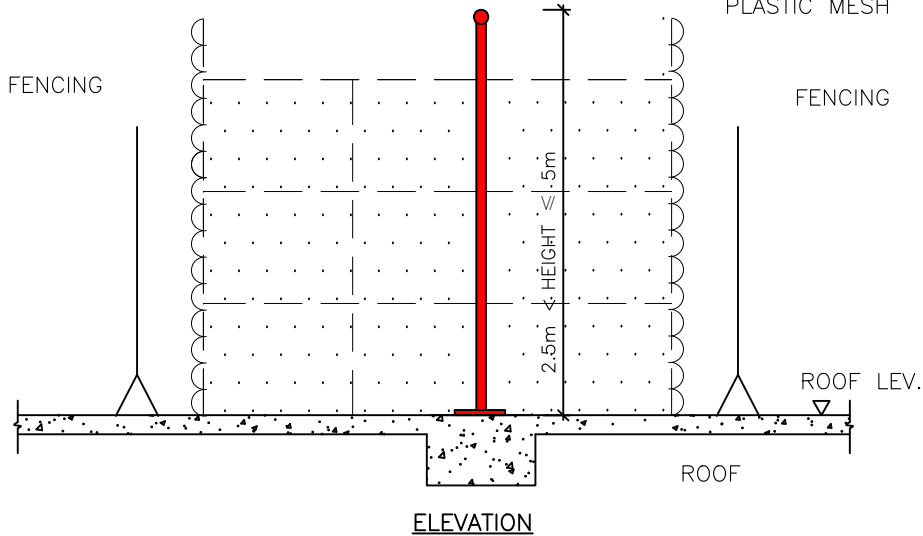
SECTION A - A



DETAIL 'A' - REPAIRING OF R.C. WALL

POLE TO BE REMOVED

SCAFFOLD WORKING  
PLATFORM COVERED BY  
HEAVY DUTY TARPULIN &  
PLASTIC MESH



#### 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. The works do not involve the alteration of other structural element.

#### PREPARATION WORKS :

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

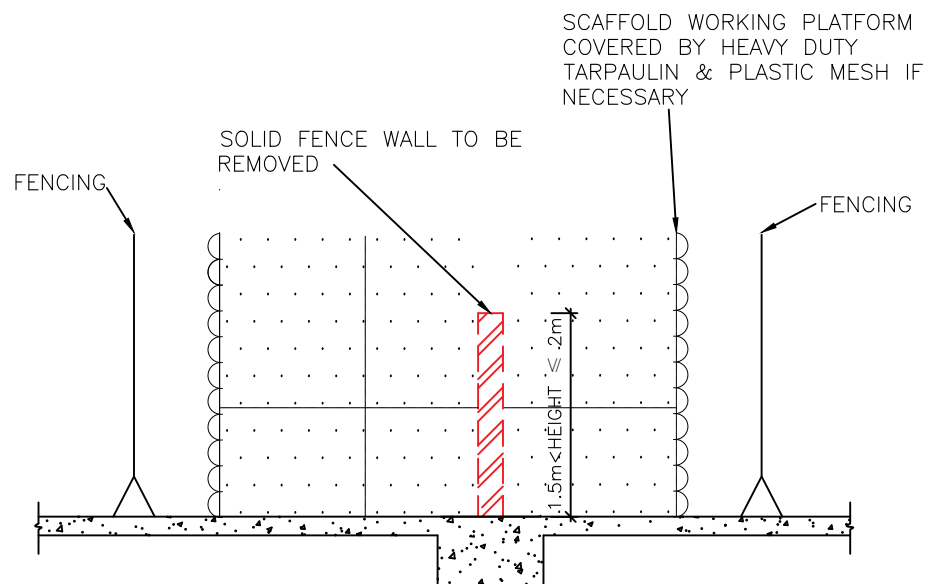
#### SAFETY AND PRECAUTIONARY MEASURES :

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 figures as shown on drawing no. GN-1.  
Figure 4 Working platform on a double-row bamboo scaffold  
Figure 2 Truss out Bamboo scaffolding
3. No accumulation of demolished parts should be stored on roof.
4. Reference shall be made to Code of Practice for Demolition of Building 2004.

#### WORKING PROCEDURES :

1. Disconnect all services in vicinity that may be affected by the works.
2. Secure the pole by wire & winch to existing structures to prevent the pole collapse suddenly.
3. Remove all loose features attached to the pole.
4. Cut the pole (If necessary, cut into small piece from top to bottom) and lower down to the roof slowly for construction waste disposal.
5. The removed pole and debris should not be accumulated on the roof and should be disposed as construction waste immediately.
6. Proper disposal shall be at prescribed facilities as provided in waste disposal (charges for disposal of construction waste) regulation.
7. Make good and reinstate the affected areas (including water proofing layer) of the roof of the building.
8. Dismantle the bamboo scaffold and clean the site.

REMARK : This case excludes DEW item 19 and MW item 3.63



ELEVATION

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.)

PREPARATION WORKS :

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

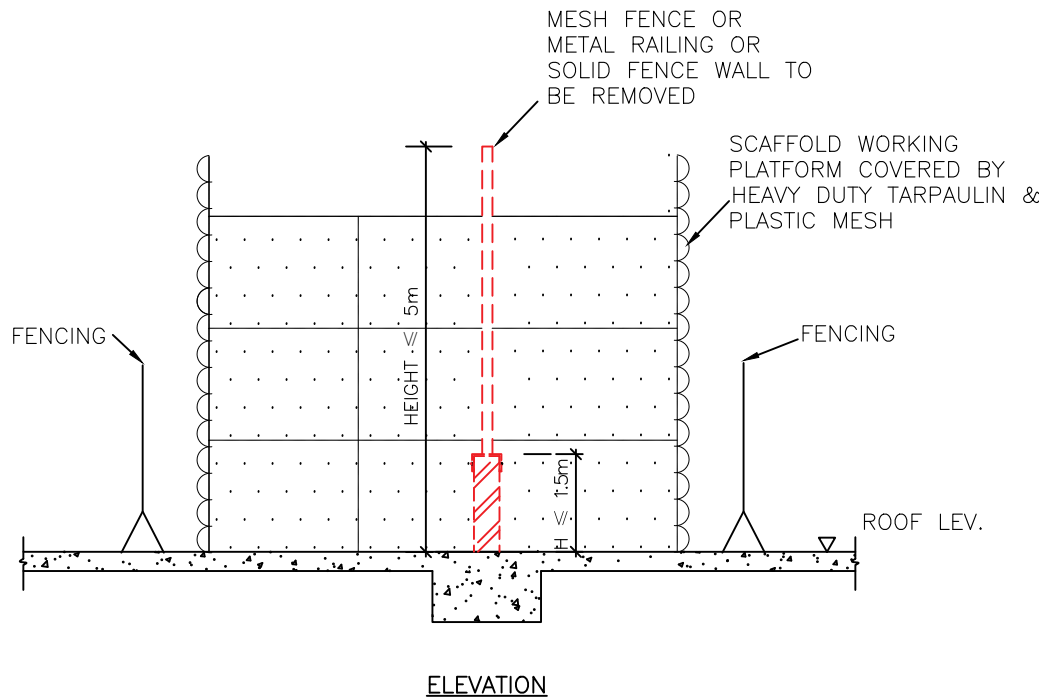
SAFETY AND PRECAUTIONARY MEASURES :

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 figures as shown on drawing no. GN-1.
  - Figure 4 Working platform on a double-row bamboo scaffold
  - Figure 2 Truss out bamboo scaffolding
3. No accumulation of demolished parts should be stored on roof.
4. Reference shall be made to Code of Practice for Demolition of Building 2004.

WORKING PROCEDURES :

1. Disconnect all services in vicinity that may be affected by the works.
2. Secure the pole by wire & winch to existing structures to prevent the wall collapse suddenly.
3. Remove all loose features attached to the wall.
4. Remove the wall (If necessary, cut into small piece from top to bottom and in bay by bay). The contractor may refer to Figure 4.6 from Code of Practice for Demolition Works as appropriate.
5. The removed wall and debris should not be accumulated on the roof and should be disposed as construction waste immediately.
6. Proper disposal shall be at prescribed facilities as provided in waste disposal (charges for disposal of construction waste) regulation.
7. Make good and reinstate the affected areas (including water proofing layer) of the roof of the building.
8. Dismantle the bamboo scaffold and clean the site.

REMARK : This case excludes DEW item 20 and MW item 3.64



GENERAL NOTES :

1. The works carried out shall comply with the Buildings Ordinance and the provisions of other enactment.
2. The work does not involve the alteration of any other structural elements.

PREPARATION WORKS :

1. Carry out condition survey of the parent structure/existing condition prior to the commencement of works.
2. 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 figures as shown on drawing no. GN-1.  
Figure 2 Truss-out bamboo scaffold  
Figure 4 Working platform on a double-row bamboo scaffold
3. No accumulation of demolished parts should be stored on roof.
4. Reference shall be made to Code of Practice for Demolition of Building 2004.

WORKING PROCEDURES :

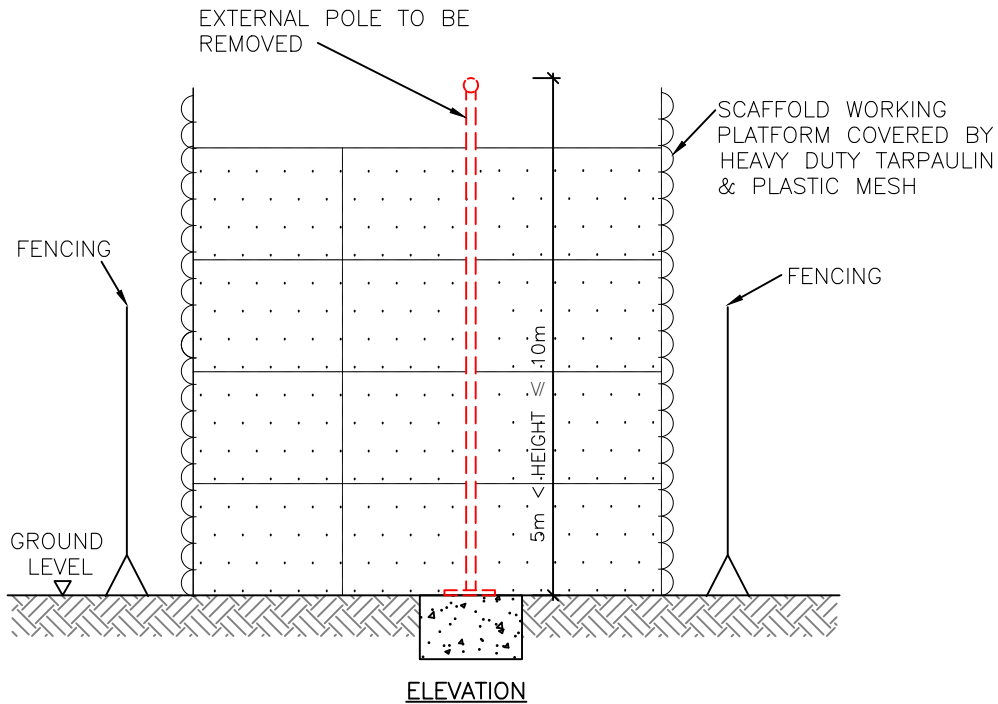
1. Disconnect all services in vicinity that may be affected by the works.
2. Secure the mesh fence / mental railing by wire & winch to existing structures to prevent the mesh fence / mental railing collapse suddenly.
3. Remove all loose features attached to the mesh fence or mental railing.
4. Cut the mesh fence / mental railing (If necessary, cut into small piece from top to bottom and removed in bay by bay) and lower down to the roof slowly for construction waste disposal.
5. Remove the wall if any from top to bottom.
6. The removed mesh fence / mental railing should not be accumulated on the roof and should be disposed as construction waste immediately.
7. Proper disposal shall be at prescribed facilities as provided in waste disposal (charges for disposal of construction waste) regulation.
8. Make good and reinstate the affected areas (including water proofing layer) of the roof of the building.
9. Dismantle the bamboo scaffold and clean the site.

REMARK : This case excludes DEW item 18 and MW item 3.65

MINOR WORKS ITEM 2.65

DRAWING TITLE :

REMOVAL OF MESH FENCE OR METAL RAILING, WITH OR  
WITHOUT A SOLID FENCE WALL AS ITS LOWER PART, ON THE ROOF OF A BUILDING



#### 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.)

#### PREPARATION WORKS :

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

#### SAFETY AND PRECAUTIONARY MEASURES :

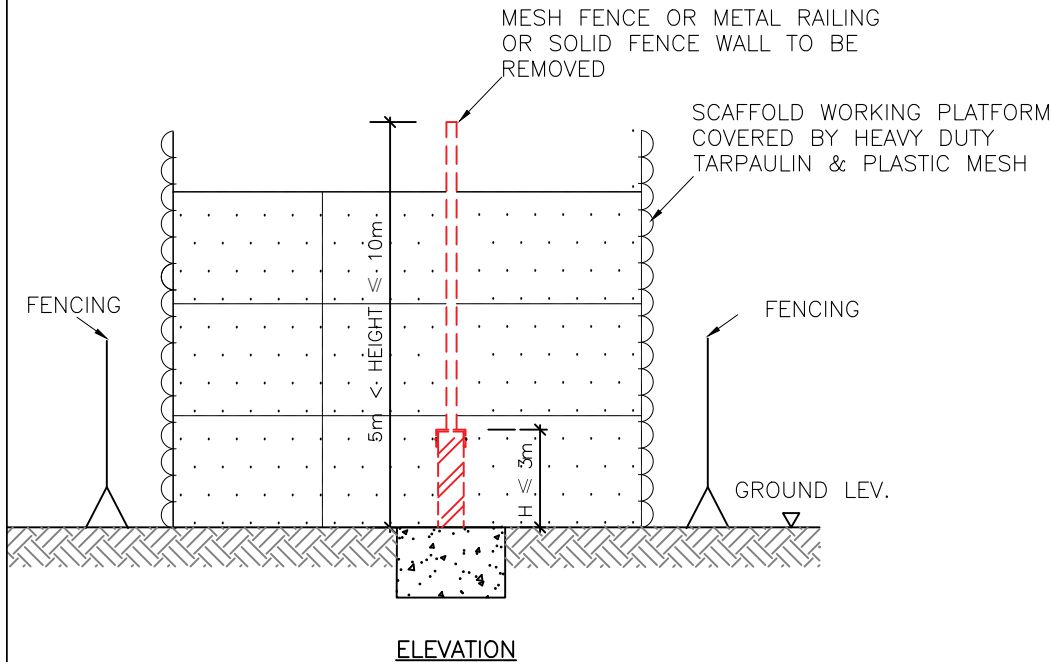
1. Fence-off the working area from the public. Diversion arrangement shall be taken if necessary.
2. Bamboo scaffolds details shall refer to the following figures as shown on drawing no. GN-1.
  - Figure 4 Working platform on a double-row bamboo scaffold
3. Reference shall be made to Code of Practice for Demolition of Building 2004.

#### WORKING PROCEDURES :

1. Disconnect all services in vicinity that may be affected by the works.
2. Secure the pole by wire & winch to existing structures to prevent the pole collapse suddenly.
3. Remove all features attached to the pole.
4. Cut the pole (if necessary, cut into small piece from top to bottom) and lower down to the ground slowly for construction waste disposal.
5. The removed pole should be disposed as construction waste immediately.
6. Proper disposal shall be at prescribed facilities as provided in waste disposal (charges for disposal of construction waste) regulation.
7. Make good and reinstate the affected areas.
8. Dismantle the bamboo scaffold and clean the site.

REMARK : This case excludes DEW item 17 and MW item 3.66





**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. The work does not involve the alteration of any other structural elements.

**PREPARATION WORKS :**

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

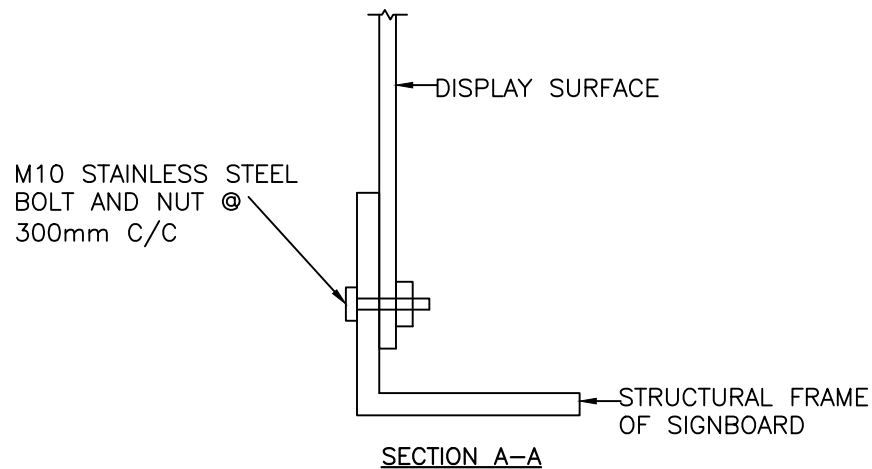
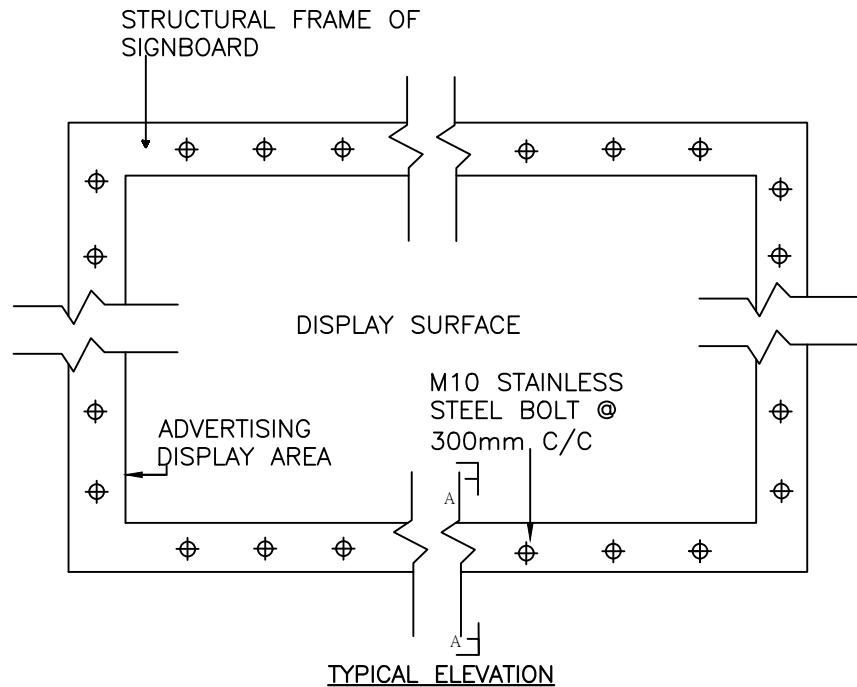
**SAFETY AND PRECAUTIONARY MEASURES :**

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 figures as shown on drawing no. GN-1.  
Figure 4 Working platform on a double-row bamboo scaffold
3. Reference shall be made to Code of Practice for Demolition of Building 2004.

**WORKING PROCEDURES :**

1. Disconnect all services in vicinity that may be affected by the works.
2. Secure the mesh fence / metal railing by wire & winch to existing structures to prevent the mesh fence / metal railing collapse suddenly.
3. Remove all loose features attached to the mesh fence or metal railing.
4. Cut the mesh fence / metal railing (If necessary, cut into small piece from top to bottom and removed in bay by bay) and lower down to the ground slowly for construction waste disposal.
5. Remove the wall if any from top to bottom.
6. Proper disposal shall be at prescribed facilities as provided in waste disposal (charges for disposal of construction waste) regulation.
7. Make good and reinstate the affected areas
8. Dismantle the bamboo scaffold and clean the site.

REMARK : This case excludes DEW item 6 and MW item 3.5



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.)

PREPARATION WORKS :

1. Obtain the original design drawings/ information for reference prior to the commencement of works
2. Check the catalogue of the new display surface to ensure it is suitable for replacement and comply with requirement of PNAP APP-126.

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 5 Bamboo scaffold for signboard

WORKING PROCEDURES :

1. Remove the display surface and re-install the new surface using the same fixing method.
2. Make good and reinstate the affected areas of the parent building.
3. Dismantle the bamboo scaffold and clean the site.

REMARKS :

1. The display surface does not consist of stone.
2. This case excludes MW item 3.16 or 3.17 or DEW item 10 or 30.