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### STANDARD DRAWINGS (ARCHITECTURAL DETAILS)

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## STANDARD DRAWINGS (ARCHITECTURAL DETAILS)

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<td>9711/H2/S03</td>
<td>TYPE H2 HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM (SURFACE MOUNTED FOOTING) - STRUCTURAL DETAILS 3</td>
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<tr>
<td>9711/H2/S04</td>
<td>TYPE H2 HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM (SURFACE MOUNTED FOOTING) - STRUCTURAL DETAILS 4</td>
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</table>
FRONT ELEVATION

STRUCTURAL FRAME FOR BOARD MARK G

SIZE L

H

1/2

400

EQ.

EQ.

EQ.

CONC. FOOTING
BASE PLATE

BEHIND

BEHIND

POSITION OF BOARD

FIN. GRD. LINE

b

1/2

b

1/2

b

1/2

1/2
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<tr>
<th>ITEM</th>
<th>BOARD MARK</th>
<th>A</th>
<th>B &amp; C</th>
<th>D &amp; E</th>
<th>F &amp; G</th>
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<td>152 x 76 CHANNEL</td>
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<tr>
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<td>178 x 89 CHANNEL</td>
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<tr>
<td>4</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>* 127 x 64 CHANNEL</td>
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| ANGLE FRAMES OF BOARD | 50 x 50 x 6 mm G.S. ANGLE AT 800 mm C/C BOTHWAYS | 70x70x8mm G.S. ANGLE AT 800mm C/C BOTHWAYS |
| FOOTING (SIZE : a x b x c) | 500x500x1 000mm | 700 x 700 x 1 000 mm | 1300 x 1300 x 1000 mm |
|                        | 1100 x 1100 x 1000 mm | FOR BOARD MARK C | FOR BOARD MARK E |
| BASE PLATE OF STEEL MEMBER | 180 x 100 x 10 mm THICK | 180 x 110 x 10 mm THICK | 200 x 110 x 10 mm THICK |
| DISTANCE S             | 3 250 mm          | 3 500 mm          | 4 000 mm          |

**NOTE:**
<table>
<thead>
<tr>
<th>ITEM</th>
<th>M &amp; N</th>
<th>P, R &amp; S</th>
<th>T &amp; U</th>
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<td>152 x 89 CHANNEL</td>
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<td>3</td>
<td>127 x 64 CHANNEL</td>
<td>152 x 76 CHANNEL</td>
<td>152 x 89 CHANNEL</td>
</tr>
</tbody>
</table>

**ROLLED STEEL MEMBER (mm)**

**ANGLE FRAMES OF BOARD**
- 50 x 50 x 6 mm G.S. ANGLE AT 800 mm C/C BOTHWAYS
- 70 x 70 x 8 mm G.S. ANGLE AT 800 mm C/C BOTHWAYS
- 80 x 80 x 10 mm G.S. ANGLE AT 800 mm C/C BOTHWAYS

**FOOTING (SIZE : a x b x c)**
- 500 x 500 x 1000 mm
- 700 x 700 x 1000 mm (FOR BOARD MARK N)
- 900 x 900 x 1000 mm
- 1000 x 1000 x 1000 mm (FOR BOARD MARK R)
- 1200 x 1200 x 1000 mm (FOR BOARD MARK S)
- 1500 x 1500 x 1000 mm
- 1600 x 1600 x 1000 mm (FOR BOARD MARK U)

**BASE PLATE OF STEEL MEMBER**
- 180 x 100 x 10 mm THICK
- 180 x 110 x 10 mm THICK

**DISTANCE S**
- 2 200 mm
- 2 500 mm
- 3 000 mm
NOTE:

1. POSITION OF LOGO REFERED TO DWG. NO. 9711_12.
NOTE:

1. POSITION OF LOGO REFERED TO DWG. NO. 9711_12.
NOTE:

- Works Bureau Technical Circular No. 10/2000 should be followed for display of slope registration number.
- For each registration feature, one sign plate is to be provided. For features adjoining each other, grouping of their registration numbers into one sign plate should be considered. Sign plate should not be erected on posts where this can be avoided.
SIGN PLATE MOUNTED ON SLOPE

3mm THICK ALUMINIUM ALLOY SIGN PLATE

600x375x100 THICK CONCRETE BASE (20/20) FOR VEGETATED SLOPE

HARD SURFACE SLOPE

NOTE:
THE PLATE SHOULD BE MOUNTED FOR READING
ON THE TOE OF SLOPE IN CASE OF UPHILL SLOPE OR
ON THE TOP OF SLOPE IN CASE OF DOWNHILL SLOPE

SYNTHETIC RUBBER STRIP GASKET BEHIND
(3mm THICK MINIMUM)

APPROVED PROPRIETARY FIXING ANCHOR BOLT

3mm THICK ALUM. ALLOY SIGN PLATE

CONCRETE BASE FOR VEGETATED SLOPE

SECTION 1 : 20

ELEVATION 1 : 20

DETAIL 2 1 : 5
SYNTHETIC RUBBER STRIP GASKET BEHIND (3mm THICK MINIMUM)
APPROVED PROPRIETARY FIXING ANCHOR BOLT
3mm THICK ALUM. ALLOY SIGN PLATE

SYNTHETIC RUBBER STRIP GASKET (3mm THICK MINIMUM)

WALL

ELEVATION 1:20
SECTION 1:5

SIGN PLATE MOUNTED ON WALL
SIGN PLATE MOUNTED ON POST

* SIGN PLATE SHOULD BE MOUNTED ON POST ONLY IF UNAVOIDABLE.
SIGN PLATE FOR SLOPES / RETAINING WALLS

NOTES:

- WORKS BUREAU TECHNICAL CIRCULAR No. 10/2000 SHOULD BE FOLLOWED FOR DISPLAY OF MAN-MADE SLOPES/RETAINING WALLS REGISTRATION NUMBERS.

- SIGN PLATE SHALL BE CUT FROM 3mm THICK ALUMINIUM ALLOY PLATE.

- PAINTING TO FACES FOR SIGN PLATES SHALL COMPLY WITH THE REQUIREMENTS GIVEN IN CLAUSE 12.15 OF THE GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS 2006 EDITION OR THEREAFTER.
PROJECT SIGNBOARD DETAIL - TYPE 2

ARCHITECTURAL BRANCH
ARCH. SERVICES DEPT.

CHECKED: CA/ASC W.H. LEE
DATE: 11.4.2018
APPROVED: AD (PS) C.K. HUI
DATE: 12.4.2018
2mm TH. G.S. BASE PLATE MODULAR SIZE SHOULD NOT EXCEED 1m² WITH BUTT JOINTS AND CONTINUOUSLY WELDED AT BACK AND WELL POLISHED IN FRONT TO RECEIVE FACING SHEET

SECTION A–A 1:5

0.75mm TH. CONTINUOUS G.S. SHEET CAPING, MITRED JOINT TO CORNERS IN FRONT & SPOT WELDING TO ENDS

STEEL ANGLE FRAMES FIXED TO ANGLE CLEATS BY M6 G.S. BOLT, NUT & WASHER

0.75mm TH. G.S SHEET FACING IN ONE PIECE GLUED TO G.S. BASE PLATE AND FIXED TO ANGLE FRAMES WITH M6 S.S. SELF TAPPING SCREWS AT 300mm C/C APPROX.

NOTE:

1. SIZE OF STRUCTURAL MEMBERS FOR BOARD TO BE REFERED TO DWG. NO. 2080_01 TO 12.
## SIZE OF BOARDS

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<th>BOARD MARK</th>
<th>H x L (mm)</th>
<th>w</th>
<th>x</th>
<th>y</th>
<th>z</th>
<th>H x M (mm)</th>
<th>t</th>
<th>u</th>
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### NOTES:

1. CONC. MIXTURE FOR FOOTING TO BE OF GRADE 25/20.
2. ALL JOINTS AND CONNECTIONS FOR STEEL WORKS TO BE OF 6mm FILLET WELDING, SUPPORTING TRUSS MAY ALTERNATIVELY BE BOLTED SUBJECT TO ENGINEER’S APPROVAL.
3. THE RED COLOUR USED FOR THE LOGO AND LETTERINGS TO BE OF BRITISH STANDARD COLOUR NO. 04 E 5.3 OR SIMILAR APPROVED.
4. * SELECT BOARD MARK FOR PROJECT (√) AS APPROPRIATE.
### SIZE OF BOARDS

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<th>a</th>
<th>b</th>
<th>c</th>
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<th>t</th>
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4. * SELECT BOARD MARK FOR PROJECT ( ) AS APPROPRIATE.

**ARCHITECTURAL BRANCH**
**ARCH. SERVICES DEPT.**

**PROJECT SIGNBOARD DETAIL - SIZE OF BOARDS FOR TYPE 2 & 4**
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NOTES:
1. CONC. MIXTURE FOR FOOTING TO BE OF GRADE 25/20.
2. ALL JOINTS AND CONNECTIONS FOR STEEL WORKS TO BE OF 6mm FILLET WELDING, SUPPORTING TRUSS MAY ALTERNATIVELY BE BOLTED SUBJECT TO ENGINEER'S APPROVAL.
3. THE RED COLOUR USED FOR THE LOGO AND LETTERINGS TO BE OF BRITISH STANDARD COLOUR NO. 04 E 53 OR SIMILAR APPROVED.
4. * SELECT BOARD MARK FOR PROJECT (√ ) AS APPROPRIATE.
**EXPECTED COMPLETION**

<table>
<thead>
<tr>
<th>Project Manager</th>
<th>ARCHITECTURAL SERVICES DEPARTMENT</th>
<th>Main Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>項目經理</td>
<td>建築師</td>
<td>維承建商</td>
</tr>
<tr>
<td>Architect</td>
<td>建築師</td>
<td></td>
</tr>
<tr>
<td>Structural Engineer</td>
<td>建築師</td>
<td></td>
</tr>
<tr>
<td>Building Services Engineer</td>
<td>建築師</td>
<td></td>
</tr>
<tr>
<td>Quantity Surveyor</td>
<td>建築師</td>
<td></td>
</tr>
<tr>
<td>Landscape Architect</td>
<td>建築師</td>
<td></td>
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</table>

**CONTRACT NO. 合約編號**: 30 30

**EMERGENCIES 緊急**: 00832259

**ENQUIRIES 咨詢**: 25237617

**COMPLETION DATE (MONTH/YEAR)**

**BACKGROUND PAINTED RED WITH WHITE LETTERINGS**

**COLOUR SCHEME TO BE DESIGNED BY PROJECT ARCHITECT (BUT NOT RED)**

**NAME OF SUB-CONTRACTORS/SUPPLIERS IF NECESSARY**

---

**FRONT ELEVATION**

IF CONSULTANT IS EMPLOYED ‘Consultant’/‘顧問’ TO BE ADDED TO THE DISCIPLINE e.g. ‘Consultant Architect’/‘顧問建築師’ AND NAME OF CONSULTANT WILL REPLACE ‘ARCHITECTURAL SERVICES DEPARTMENT’
NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. SIGN PLATES SHALL BE CUT FROM 3mm ALUMINIUM PLATE TO EN 485 AND SIGN FACE SHALL BE CONSTRUCTED OF CLASS REF. 1 RETROREFLECTIVE MATERIALS TO BS EN 12899-1.
3. COLOUR TO BS 5252F (1976) AS FOLLOWS:
   - BLACK: CODE 00 E 53
   - RED: CODE 04 E 53
   - YELLOW: CODE 08 E 51
   - WHITE: CODE 00 E 55
   - BLUE: CODE 20 D 45
   - ORANGE: CODE 06 E 55
   - SKIN COLOUR: CODE 08 C 31
4. ENGLISH LETTERS (INCLUDING NUMBERS) AND CHINESE CHARACTERS SHALL BE PAINTED IN BLACK AND BE OF ARIAL NARROW BOLD AND 'HEI' STYLE (黑體) RESPECTIVELY. FREE-HAND WRITING IS NOT PERMITTED.
5. INFORMATION IN THE DISPLAY / PUBLICITY BOARDS INCLUDING COMPLETION DATES AND DESCRIPTION OF WORKS SHALL BE APPROVED BY THE ARCHITECT.
7. FOR WORK SITES (INCLUDING DECKED AREA) LESS THAN 50m IN LENGTH, ONE SMALL DISPLAY BOARD EXPLAINING REASONS FOR APPARENTLY UNATTENDED ROAD WORKS SHALL BE PROVIDED; FOR WORK SITES (INCLUDING DECKED AREA) LONGER THAN 50m IN LENGTH, SMALL DISPLAY BOARDS SHALL BE PROVIDED AT THE END OF THE SITE AND ALONG THE SITE AT A MAX. SPACING OF 50m.
8. FOR WORK SITES (INCLUDING DECKED AREA) LESS THAN 50m IN LENGTH, ONE SMALL PUBLICITY BOARD SHALL BE PROVIDED; FOR A WORK SITE (INCLUDING DECKED AREA) LONGER THAN 50m IN LENGTH, SMALL PUBLICITY BOARDS SHALL BE PROVIDED AT THE END OF THE SITE AND ALONG THE SITE AT A MAX. SPACING OF 50m.
9. THE SMALL PUBLICITY/DISPLAY BOARDS SHALL BE DISPLAYED AT A PROMINENT LOCATION AND ORIENTATED TOWARDS PEDESTRIANS FOR PUBLIC’S REFERENCE.
10. FOR GUIDELINES ON THE PROVISION OF DISPLAY BOARDS FOR MOTORISTS EXPLAINING REASONS FOR APPARENTLY UNATTENDED ROAD WORKS, REFER TO THE CURRENT VERSION OF HyD GUIDANCE NOTES No. RD/ON/024.
11. FOR GUIDELINES ON THE PROVISION OF PUBLICITY BOARDS FOR MOTORISTS AT ROAD WORKS AND UTILITY SITES, REFER TO THE CURRENT VERSION OF HyD GUIDANCE NOTES No. RD/ON/019.
12. THE INFORMATION GIVEN IN THE INSERT-PLATE IS FOR ILLUSTRATION ONLY. APPROPRIATE DETAILS SHALL BE ENTERED FOR EACH PROJECT.
13. THE FACE OF THE INSERT PLATES SHALL BE CONSTRUCTED WITH CLASS REF. 1 REFLECTIVE MATERIALS TO BS EN 12899-1.
14. FOR DETAILS OF ARCHSD LOGO SEE DWG. No. 7110_03.
15. FOR DETAILS OF CARTOON FIGURE SEE DWG. No. 7122_08.
16. FOR TEMPORARY BARRIER SEE DWG. No. 7122_09.
17. FOR SUPPORT OF DISPLAY/PUBLICITY BOARDS FOR MOTORIST SEE THE CURRENT VERSION OF HyD STANDARD DWG. No. H 6165.
19. ALTERNATIVE DESIGN OF TEMPORARY BARRIER INCLUDING THE FIXING OF DISPLAY BOARD ETC. WILL BE SUBJECT TO ARCHITECT’S APPROVAL.
20. USING PLASTIC BACKING PLATE INSTEAD OF ALUMINIUM BACKING PLATE IS PERMITTED. THE FACE OF THE PLASTIC DISPLAY BOARD SHALL NOT SHOW SIGNS OF DETERIORATION, SUCH AS CRACKING, SCALING, BLISTERING, DELAMINATION AND CORROSION.
21. ENQUIRY CALL NO. SHOWN ON DISPLAY BOARD & PUBLICITY BOARD SHALL BE AS FOLLOWS UNLESS OTHERWISE STATED:

<table>
<thead>
<tr>
<th>TEL. NO.</th>
<th>LOCATION OF NEW WORKS</th>
<th>COVERED AREAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6391 2204</td>
<td>ZONE 1</td>
<td>HONG KONG ISLAND &amp; ISLANDS</td>
</tr>
<tr>
<td>6391 3025</td>
<td>ZONE 2</td>
<td>KOWLOON EAST, TSEUNG KWAN O, SAI KUNG &amp; KAI TAK</td>
</tr>
<tr>
<td>6391 3250</td>
<td>ZONE 3</td>
<td>KOWLOON WEST, KOWLOON SOUTH &amp; KOWLOON NORTH</td>
</tr>
<tr>
<td>6391 3460</td>
<td>ZONE 4</td>
<td>LAI CHI KOK, KWAI CHUNG, TSUEN WAN, TUNG CHUNG &amp; LANTAU ISLAND</td>
</tr>
<tr>
<td>6391 5572</td>
<td>ZONE 5</td>
<td>SHATIN, MA ON SHAN, TAI PO, FANLING &amp; SHEUNG SHUI</td>
</tr>
<tr>
<td>6391 7235</td>
<td>ZONE 6</td>
<td>TUEN MUN, YUEN LONG &amp; TIN SHUI WAI</td>
</tr>
<tr>
<td>6391 1752</td>
<td>FOR ALL PSB PROJECTS</td>
<td></td>
</tr>
</tbody>
</table>
Architectural Services Department

 inconvenience caused

 ROAD WORKS TEMPORARILY SUSPENDED FOR:

 Pending completion of other sections
 for pipe installation

 WORKS WILL RESUME ON

 21-07-2003

PLATE MOUNTED ON THE BOARD SECURELY (INFORMATION IS FOR ILLUSTRATION ONLY AND SHALL BE APPROPRIATELY ENTERED FOR EACH PROJECT. STANDARD REASONS FOR IDLE SITE ARE POSTED ON HYD'S WEBSITE.)

NOTES:
1. SEE NOTES ON DRG. NO. 7122_01
2. DISPLAY BOARD MOUNTED TO TEMPORARY BARRIER (SEE DRG. NO. 7122_09)
3. ENQUIRY CALL NO. XXXX XXXX SEE DRG. NO. 7122_01

CAD Ref. - 7122_02.dwg--1:5
NOTES:
1. SEE NOTES ON DRG. NO. 7122_01
2. NOTICE BOARD MOUNTED TO TEMPORARY BARRIER (SEE DRG. NO. 7122_09)
3. ENQUIRY CALL NO. XXXX XXXX SEE DRG. NO. 7122_01
4. THIS TYPE 'B' PUBLICITY BOARD SHALL BE USED FOR PROJECTS COMPLETED IN SEPARATE SECTIONS WITH DIFFERENT COMPLETION DATES. A SECTION OF PROJECT SHALL BE OF A REASONABLE LENGTH. AS A GUIDE, A SECTION SHOULD NORMALLY BE NOT LESS THAN (a) 100 METRES LONG ON URBAN ROADS WITH SHOP FRONTAGES, OR (b) 200 METRES ON ROADS WITH THROUGH TRAFFIC WITH NO SHOP FRONTAGES.
WE APOLOGIZE FOR THE INCONVENIENCE CAUSED

WORKS TEMPORARILY SUSPENDED

WORKS WILL RESUME ON

30 - 03 - 2003

NOTE:
1. SEE NOTES ON DRG NO. 7122_01.
2. ENQUIRY CALL NO. XXXX XXXX SEE DRG. NO. 7122_01

ARCHITECTURAL BRANCH
ARCH. SERVICES DEPT.

DISPLAY BOARD FOR MOTORISTS EXPLAINING REASONS FOR APPARENTLY UNATTENDED ROAD WORKS

scale 1 : 10
1 : 2

drawing no.
7122_05 (03/10)

DATE - 9 MAR 2010

ARCHITECTURAL BRANCH
ARCH. SERVICES DEPT.
WE APOLOGIZE FOR THE INCONVENIENCE CAUSED

This Section

Commencement Date

Anticipated Completion Date

Original Completion Date

All Sections

Anticipated Completion Date

NOTE:
1. SEE NOTES ON DRG No. 7122_01.
2. ENQUIRY CALL NO. XXXX XXXX SEE DRG. No. 7122_01

ARCHITECTURAL BRANCH
ARCH. SERVICES DEPT.

PUBLICITY BOARD FOR MOTORISTS (TYPE 'B')

scale 1 : 10
1 : 2

Checked: CSE/2 L.F. WONG

Date: 5/3/2010

Approved: AD(PS) S.W. FONG

Date: 9 MAR 2010

drawing no. 7122_07 (03/10)
NOTE:
SEE NOTES ON DWG No. 7122_01.

HELMET IN WHITE
ARCH SD LOGO
BODY IN SKIN COLOUR
SHIRT IN BLUE
REFLECTIVE STRIP IN YELLOW
REFLECTIVE JACKET IN ORANGE

ARCHITECTURAL BRANCH
ARCH. SERVICES DEPT.

DETAILS OF CARTOON FIGURE

CHECKED
DATE
APPROVED
DATE

CSE/2 L.F. WONG 5/3/2010 AD(PS) S.W. FONG 9 MAR 2010

scale
drawing no.
N/A 7122_08 (03/10)

A4 210 x 297
ELEVATION OF TEMPORARY BARRIER 1:20

NOTE:
1. SEE NOTES ON DWG. No. 7122_01.
2. THE GMS BARRIERS ARE NOT APPLICABLE FOR PEDESTRIAN BARRIERS PLACED ON CARRIAGeways ADJACENT TO RUNNING TRAFFIC LANES WHICH SHOULD BE OF THE PLASTIC TYPE.
NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWINGS NO. 9711/AV/501 TO 504.
2. REFER PMAP APP-21 & APP-23 OF BUILDINGS DEPARTMENT FOR THE PERMITTED WORKING SPACE (L). (500mm MAX. FOR DEMOLITION WORKS OR 300mm MAX. FOR OTHER WORKS)
3. THE R.S. STRUT PROVIDED AT ALTERNATE BAYS OF HOARDING COULD BE OMITTED IF THE CONC. FOOTING OF R.S. UNIVERSAL POSTS ARE BUILT WITHOUT LIMITED DEPTH OF EXCAVATION. (SEE STRUCTURAL DRAWINGS FOR DETAILS)
GENERAL NOTES FOR CONSTRUCTION OF HOARDINGS, COVERED WALKWAYS, AND ASSOCIATED GANTRIES AND CATCH PLATFORMS:

1. THE ARCHITECTURAL HOARDING DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE APPROPRIATE STRUCTURAL HOARDING DRAWINGS AS REFERRED ON THE DRAWINGS.

2. IN DETERMINING THE TYPE OF HOARDING/COVERED WALKWAY CONSTRUCTION AND THE ASSOCIATED PROVISIONS TO SUIT THE PURPOSE, REFERENCE AND PROVISIONS SHOULD ALWAYS BE MADE TO MEET THE REQUIREMENTS OF THE CURRENTLY ENFORCED "CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS" AND RELEVANT PNAPS ISSUED BY BUILDINGS DEPARTMENT.

3. A MINIMUM CLEAR WIDTH OF 1.1m AND RAISED FLOOR SHOULD BE PROVIDED FOR HOARDING/COVERED WALKWAY LOCATED ON CARRIAGEWAY, FOR HOARDING/COVERED WALKWAY LOCATED ON FOOTPATH, THE CLEAR WIDTH SHOULD BE RELATED TO THE EXISTING PAVEMENT WIDTH AND BE PROVIDED ACCORDING TO THOSE AS PROMULGATED IN PNAP APP--23 ISSUED BY THE BUILDINGS DEPARTMENT.

4. A TEMPORARY LIGHTING SYSTEM AS PROMULGATED IN PNAP APP--23 SHOULD BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES.

5. ALL METALWORK REFERRED IN THE DRAWINGS SHOULD COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION OR THEREAFTER.

6. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHOULD BE OF GALVANIZED STEEL WITH MINIMUM ZINC COATING CONTENT 350g/m² WITH TRIPLE-SPOT TEST, AND BE FINISHED ON BOTH SURFACES WITH SYNTHETIC PAINT OF ALKYD RESIN BASE IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

7. ALL EXPOSED SURFACES OF METALWORK SHOULD BE PAINTED IN MID-GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

8. ArchSD LOGO SHOULD BE PAINTED AT A 3--BAY INTERVAL. IF THERE ARE OTHER LOGOS TO BE DISPLAYED, THE SPECIFIED LOGO AND THE ArchSD LOGO SHOULD BE PAINTED ALTERNATIVELY AT A 3--BAY INTERVAL.
DETAILS OF RUNNING GEAR

1:10

* This fixing detail is for reference only. Sample of running gear set and fixing method should be submitted for approval before ordering.

BOLTS INSIDE WITH HASP & STAPLE FOR PAD LOCK

50x50mm GALVANIZED HIGH-TENSILE FABRIC WELDED TO M.S. FLAT

3mm TH. M.S. FLAT WELDED TO FRAME OF GATE

40x40x2.6mm TH. R.H.S. AS FRAME OF SLIDING AND FOLDING GATE COMPLETED WITH 40x40x2.6mm TH. R.H.S. HANGERS AND ALL NECESSARY IRONWORKERY (REFER ELEVATION SHOWN ON DRAWING 9711/A/A01)

DETAILS OF SLIDING AND FOLDING GATE

1:5

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE A HOARDING - CORRUGATED STEEL FENCE CONSTRUCTION DETAILS 2

Scale: 1:5

Drawing No.: 9711/A/A04

Checked by: CPM303 C.F. HO

Date: 18 Sept. 2007

Approved by: ADIPS K.K. LEUNG

Date: 19 Sept. 2007
0.75mm TH. G.S. SHEET CONTINUOUS CAPPING

6mm Ø S.S. SELF-TAPPING SCREW WITH 2mm TH. NEOPRENE WASHER

8mm Ø G.S. BOLT WITH NUT & WASHERS

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL

70x70x6x50mm LONG M.S. ANGLE CLEAT WITH 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO R.S. UNIVERSAL POST

76x38mmx6.7kg/m R.S. CHANNEL RUNNER

R.S. UNIVERSAL POST WELDED TO 10mm TH. M.S. BASE PLATE

8mm Ø G.S. BOLT WITH NUT & WASHERS

6mm Ø S.S. SELF-TAPPING SCREW WITH 2mm TH. NEOPRENE WASHER

76x38mmx6.7kg/m R.S. CHANNEL RUNNER

CONC. FOOTING BELOW GROUND (SEE STRUCTURAL DRAWINGS FOR DETAILS)

LINE OF GROUND

R.S. UNIVERSAL POST WELDED TO 10mm TH. M.S. BASE PLATE

76x38mmx6.7kg/m R.S. CHANNEL RUNNER BOLTED TO M.S. ANGLE CLEAT

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL BOLTED TO R.S. CHANNEL RUNNER WITH S.S. SELF-TAPPING SCREWS

10mm TH. M.S. BASE PLATE FIXED ON CONC. FOOTING BY 4 NOS. M12 HOLDING DOWN BOLT WITH NUTS & WASHERS (SEE STRUCTURAL DRAWINGS FOR DETAILS)

70x70x6x50mm LONG M.S. ANGLE CLEAT WITH 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO R.S. UNIVERSAL POST

0.5mm TH. PRESSED STEEL SHEET LOGO PANEL FIXED AT EVERY 3 BAYS INTERVAL WITH S.S. SELF-TAPPING SCREWS

750 APPROX.

---

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE A HOARDING - CORRUGATED STEEL FENCE CONSTRUCTION DETAILS 3

Scale: 1:10

Drawing No.: 9711/A/A05

Checked by: CPW303 C.F. HO

Date: 18 Sept. 2007

Approved by: AD(PS) K.K. LEUNG

Date: 19 Sept. 2007
FOUNDATION PLAN OF GANTRY

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL. 15.61 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ALKYD RESIN BASE.

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNAP APP-102 ISSUED BY BD.

SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.

<table>
<thead>
<tr>
<th>MEMBER MARK</th>
<th>MEMBER SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>152 x 152 x 23 UC</td>
</tr>
<tr>
<td>C2</td>
<td>152 x 89 x 16 UB</td>
</tr>
<tr>
<td>B1</td>
<td>254 x 146 x 37 UB</td>
</tr>
<tr>
<td>B2</td>
<td>152 x 76 x 17.88 CHANNEL</td>
</tr>
<tr>
<td>B3</td>
<td>76 x 38 x 6.7 CHANNEL</td>
</tr>
<tr>
<td>B4</td>
<td>70 x 70 x 6 ANGLE</td>
</tr>
<tr>
<td>B5</td>
<td>50 x 50 x 5 ANGLE</td>
</tr>
</tbody>
</table>
NOTES:
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
NOTES: 
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
DETAIL 'A' 1:10
(FLANGE OF C1 NOT SHOWN FOR CLARITY)
(A/S02)

DETAIL 'B' 1:5
(A/S02)

DETAIL 'C' 1:10
(A/S03)

DETAIL 'D' 1:10
(B3 NOT SHOWN FOR CLARITY)
(A/S03)
SECTION PLAN

NOTES:
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWINGS NO. 9711/B/S01 TO S05.
2. REFER PT. 3 OF GENERAL NOTES IN DRAWING NO. 9711/B/A02 FOR THE REQUIRED CLEAR WIDTH (W1) OF COVERED WALKWAY.
3. REFER PNAP APP.-21 & APP.-23 OF BUILDINGS DEPARTMENT FOR THE PERMITTED WORKING SPACE (L).
   (500mm MAX. FOR DEMOLITION WORKS OR 300mm MAX. FOR OTHER WORKS)

ARCHITECTURAL SERVICES DEPARTMENT

Title
TYPE B HOARDING - COVERED WALKWAY GENERAL PLANS

Scale 1:100
Drawing No. 9711/B/A01

Checked by CA/ASC W.H. LEE
Date 11.4.2018

Approved by AD(PS) C.K. HUI
Date 12.4.2018
GENERAL NOTES FOR CONSTRUCTION OF HOARDINGS, COVERED WALKWAYS, AND ASSOCIATED GANTRIES AND CATCH PLATFORMS:

1. THE ARCHITECTURAL HOARDING DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE APPROPRIATE STRUCTURAL HOARDING DRAWINGS AS REFERRED ON THE DRAWINGS.

2. IN DETERMINING THE TYPE OF HOARDING/COVERED WALKWAY CONSTRUCTION AND THE ASSOCIATED PROVISIONS TO SUIT THE PURPOSE, REFERENCE AND PROVISIONS SHOULD ALWAYS BE MADE TO MEET THE REQUIREMENTS OF THE CURRENTLY ENFORCED "CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS" AND RELEVANT PNAPS ISSUED BY BUILDINGS DEPARTMENT.

3. A MINIMUM CLEAR WIDTH OF 1.1m AND RAISED FLOOR SHOULD BE PROVIDED FOR HOARDING/COVERED WALKWAY LOCATED ON CARRIAGEWAY. FOR HOARDING/COVERED WALKWAY LOCATED ON FOOTPATH, THE CLEAR WIDTH SHOULD BE RELATED TO THE EXISTING PAVEMENT WIDTH AND BE PROVIDED ACCORDING TO THOSE AS PROMULGATED IN PNAP APP--23 ISSUED BY THE BUILDINGS DEPARTMENT.

4. A TEMPORARY LIGHTING SYSTEM AS PROMULGATED IN PNAP APP--23 SHOULD BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES.

5. ALL METALWORK REFERRED IN THE DRAWINGS SHOULD COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION OR THEREAFTER.

6. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHOULD BE OF GALVANIZED STEEL WITH MINIMUM ZINC COATING CONTENT 350g/m² WITH TRIPLE--SPOT TEST, AND BE FINISHED ON BOTH SURFACES WITH SYNTHETIC PAINT OF ALKYD RESIN BASE IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

7. ALL EXPOSED SURFACES OF METALWORK SHOULD BE PAINTED IN MID--GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

8. ArchSD LOGO SHOULD BE PAINTED AT A 3--BAY INTERVAL. IF THERE ARE OTHER LOGOS TO BE DISPLAYED, THE SPECIFIED LOGO AND THE ArchSD LOGO SHOULD BE PAINTED ALTERNATIVELY AT A 3--BAY INTERVAL.

Title: TYPE B HOARDING - COVERED WALKWAY GENERAL NOTES
Scale: NIL
Drawing No.: 9711/B/A02

Checked by: CA/ASC W.H. LEE Date: 11.4.2018
Approved by: AD(PS) C.K. HUI Date: 12.4.2018
EXTERNAL ELEVATION OF HOARDING PANEL 1 : 50

SECTION A-A 1 : 5

PLAN OF HOARDING PANEL AT CORNER 1 : 20

SETTING OUT OF ArchSD LOGO 1 : 10
R.S. UNIVERSAL POST

63x38x2mm TH. R.H.S. GUARD RAIL PROVIDED
AT ALTERNATE BAYS OF HOARDING AND FIXED
AT 1.1m ABOVE GROUND LEVEL

50x50x5x50mm LONG M.S. ANGLE CLEAT WELDED TO
R.H.S. GUARD RAIL AND BOLTED TO M.S. ANGLE CLEAT

8mm Ø G.S. BOLT WITH NUT & WASHERS

50x50x5x50mm TH. M.S. ANGLE CLEAT WITH 8x25mm
LONG VERTICAL SLOT FOR BOLT & NUT FIXING
WELDED TO R.S. UNIVERSAL POST

SECTION A-A

R.S. UNIVERSAL POST

63x38x2mm TH. R.H.S. GUARD RAIL PROVIDED
AT ALTERNATE BAYS OF HOARDING AND FIXED
AT 1.1m ABOVE GROUND LEVEL

50x50x5x50mm LONG M.S. ANGLE CLEAT WELDED TO
R.H.S. GUARD RAIL AND BOLTED TO M.S. ANGLE CLEAT

50x50x5mm TH. M.S. ANGLE CLEAT WITH 8x25mm
LONG VERTICAL SLOT FOR BOLT & NUT FIXING
WELDED TO R.S. UNIVERSAL POST

2
FIXING DETAILS OF R.H.S. GUARD RAIL

B/A04 1 : 5

BOLTS INSIDE WITH HASP & STAPLE FOR PAD LOCK

50x50mm GALVANIZED HIGH-TENSILE FABRIC
WELDED TO M.S. FLAT

3mm TH. M.S. FLAT WELDED TO FRAME OF GATE

40x40x2.6mm TH. R.H.S. AS FRAME OF SLIDING AND FOLDING
GATE COMPLETED WITH 40x40x2.6mm TH. R.H.S. HANGERS AND
ALL NECESSARY IRONMONGERY (REFER ELEVATION SHOWN ON
DRAWING 9711/B/A01)

1
DETAILS OF SLIDING AND FOLDING GATE

B/A04 1 : 5
R.S. I-BEAM RUNWAY

HEAVY DUTY RUNNING GEAR SET MOUNTED ON R.S. I-BEAM RUNWAY

50mm(W)x10mm TH. M.S. FLAT WELDED TO FORM U-SHAPE

M16 HANGER BOLT W/ NUT AND WASHERS WELD-FIXED TO IT'S END

100x100x10mm TH. M.S. END PLATE WITH 4nos. OF 6mm TH. M.S. STIFFENER AT 4 SIDES WELDED TO END OF R.H.S. HANGER

40x40x2.6mm TH. R.H.S. HANGER FOR SLIDING & FOLDING GATE

DETAIL

1 : 10

+ THIS FIXING DETAIL IS FOR REFERENCE ONLY. SAMPLE OF RUNNING GEAR SET AND FIXING METHOD SHOULD BE SUBMITTED FOR APPROVAL BEFORE ORDERING.

DECK OF GANTRY

6mm TH. M.S. PLATE WELDED TO R.S. CHANNEL PURLINS

127x64mmx14.9kg/m R.S. CHANNEL PURLIN

178x102mmx19kg/m R.S. UNIVERSAL BEAM

152x152mmx23kg/m R.S. UNIVERSAL POST

70x70x6mm TH. M.S. ANGLE BRACE

DECK OF COVERED WALKWAY

6mm TH. M.S. PLATE WELDED TO R.S. CHANNEL PURLINS

178x102mmx19kg/m R.S. UNIVERSAL BEAM

127x64mmx14.9kg/m R.S. CHANNEL PURLIN

152x152mmx23kg/m R.S. UNIVERSAL POST

DETAIL

1 : 20
0.75mm TH. G.S. SHEET CONTINUOUS CAPping

6mm Ø S.S. SELF-TAPPING SCREW WITH 2mm TH. NEOPRENE WASHER

8mm Ø G.S. BOLT WITH NUT & WASHERS

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL

70x70x650mm LONG M.S. ANGLE CLEAT WITH 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO R.S. UNIVERSAL POST

76x38mmx6.7kg/m R.S. CHANNEL RUNNER

R.S. UNIVERSAL POST WELDED TO 10mm TH. M.S. BASE PLATE

200x600mm HIGH CONC. COUNTERWEIGHT PROVIDED BETWEEN R.S. UNIVERSAL POSTS AT ALTERNATE BAYS OF HOARDING

70x70x650mm LONG M.S. ANGLE CLEAT WITH 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO R.S. UNIVERSAL POST

50x50x5mm TH. M.S. ANGLE RUNNER

LINE OF GROUND

PAVEMENT

200x600mm HIGH CONC. COUNTERWEIGHT PROVIDED BETWEEN R.S. UNIVERSAL POSTS AT ALTERNATE BAYS OF HOARDING

R.S. UNIVERSAL POST WELDED TO 10mm TH. M.S. BASE PLATE

76x38mmx6.7kg/m R.S. CHANNEL RUNNER BOLTED TO M.S. ANGLE CLEAT

10mm TH. M.S. BASE PLATE FIXED ON CONC. FOOTING BY 4 NOS. M12 HOLDING DOWN BOLT WITH NUTS & WASHERS (SEE STRUCTURAL DRAWINGS FOR DETAILS)

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL BOLTED TO R.S. CHANNEL RUNNER WITH S.S. SELF-TAPPING SCREWS

0.5mm TH. PRESSED STEEL SHEET LOGO PANEL FIXED AT EVERY 3 BAYS INTERVAL WITH S.S. SELF-TAPPING SCREWS

CONC. FOOTING BELOW GROUND (SEE STRUCTURAL DRAWINGS FOR DETAILS)

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE B HOARDING - COVERED WALKWAY CONSTRUCTION DETAILS 4

Scale: 1 : 10

Drawing No.: 9711/B/A06

Checked by: CPW503 C.F. HO

Date: 18 Sept. 2007

Approved by: AD(P)S K.K. LEUNG

Date: 19 Sept. 2007
TYPICAL DETAILS OF COVERED WALKWAY HOARDING
SITED ON CARRIAGeway/NARROW PAVEMENT

SITE BOUNDARY

PERMITTED WORKING SPACE FOR HOARDING

EXISTING PAVEMENT

EXISTING EDGE OF PAVEMENT

EXTENSION OF PAVEMENT

COVERED WALKWAY

TEMPORARY RAISED FLOOR CONSTRUCTED IN GRADE 30/30 MASS CONC. AND TO BE LEVELLED WITH THE EXISTING PAVEMENT

LINE OF CARRIAGeway

1100 MIN.

500 MIN.

50

THE AFFECTED TRAFFIC LANE SHOULD BE MAINTAINED AT A MIN. WIDTH OF 2.8m
WHILE THE CARRIAGeway SHOULD BE MAINTAINED AT A MIN. WIDTH OF 5.5m

SCALE

1:50

ARCHITECTURAL SERVICES DEPARTMENT

Title

TYPE B HOARDING - COVERED WALKWAY CONSTRUCTION DETAILS 5

Scale

1:50

Drawing No.

9711/B/A07

Checked by

CPW303 C.F. HO

Date

18 Sept. 2007

Approved by

AD(PS) K.K. LEUNG

Date

19 Sept. 2007
TOP PLAN OF GANTRY AND COVERED WALKWAY

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL. 15.61 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ALKYD RESIN BASE.

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNPAP APP-102 ISSUED BY BD.
SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.
NOTES:
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
DETAIL 'A'  1 : 10
(B4 NOT SHOWN FOR CLARITY)
(B/S02)

6mm INTERMITTENT FILLET WELD (50mm
LONG AT 400mm CLEAR SPACING)
(TYPICAL)

M.S. WEDGE
WELDED TO TOP
OF UB

8mm F.W.

150x150x12mm THICK
M.S. PLATE

150x150x12mm THICK
M.S. PLATE

DETAIL 'B'  1 : 10
(B/S02)

FOR STEEL SHEETING,
SEE ARCH. OWG.

70x70x6x50mm LONG
ANGLE CLEAT WELDED
TO I-SECTION POST BY
4mm FILLET WELD
(MIN. LENGTH 20mm
AT EACH SIDE)

B5 OR B7 (AT LOW
LEVEL)

M8 BOLT & NUT

DETAIL 'C'  1 : 5
(B/S02)

150x150x12mm THICK
M.S. PLATE

C2

150x150x12mm THICK
M.S. PLATE

C1

C2

B3

B3

B2

B1

B1

B6

ARCHITECTURAL SERVICES DEPARTMENT

Title
TYPE B HOARDING
COVERED WALKWAY STRUCTURAL DETAILS 4

Scale
1 : 10
1 : 5

Drawing No.
9711/B/S04

Checked by
CSE/1 C.T. WONG

Date
11 Oct. 2007

Approved by
AD(SE) W.W. LI

Date
11 Oct. 2007
6mm M.S. PLATE

B4

6mm INTERMITTENT FILLET WELD (50mm LONG AT 400mm CLEAR SPACING) (TYPICAL)

B1

C1

B2 WELDED TO C1

150x150x12mm THICK M.S. PLATE

B6

55

55

B6

152x110x6mm THICK PLATE

1

1

(B3 NOT SHOWN FOR CLARITY)

B3

6mm THICK PLATE

B6

C2

1

1

(B/S03)

(B/S03)

FLANGE OF C2 NOT SHOWN FOR CLARITY

FLANGE OF C2 NOT SHOWN FOR CLARITY

B3

C1

B3

C2

B3

B3

C2

DETAIL 'D'

B/S03

DETAIL 'F'

FLANGE OF C2 NOT SHOWN FOR CLARITY

B/S03

DETAIL 'E'

B/S03

DETAIL 'G'

FLANGE OF C2 NOT SHOWN FOR CLARITY

B/S03

ARCHITECTURAL SERVICES DEPARTMENT

TYPE B HOARDING - COVERED WALKWAY STRUCTURAL DETAILS 5

Checked by CSE/1 C.T. WONG

Date 11 Oct. 2007

Approved by AD(SE) W.W. LI

Date 11 Oct. 2007

Scale 1 : 10

Drawing No. 9711/B/S05
SECTION A-A

- Existing Building to be demolished
- 40x40mm Weep Hole at 800mm c/c
- Catch Platform
- Site Boundary (if applicable)
- Gantry
- Line of Carriageway

SECTION B-B

- Existing Building to be demolished
- 40x40mm Weep Hole at 800mm c/c
- Catch Platform
- Site Boundary (if applicable)
- Gantry
- Line of Carriageway

PLAN

- Deck of Covered Walkway
- Deck of Gantry
- 6mm TH. M.S Plate Welded to R.S. Channel Purlins
- R.S. Channel Purlins at approx. 300mm c/c interval
- Max. 6m Clear Width Gantry
- 2400 c/c
- Sliding & Folding Gate

SECTIONAL PLAN

- Ingress / Egress
- Pavement
- Roof Line of Gantry Above
- 600mm High Conc. Counterweight with R.H.S. Guard Rail Above at Alternate Bays of Hoarding
- R.S. Universal Post at 2400 c/c interval
- Roof Line of Covered Walkway Above

NOTES:
1. This drawing should be read in conjunction with structural drawings no. 9711/C/S01 to S05.
2. Refer pt. 3 of general notes in drawing no. 9711/C/A02 for the required clear width (W1) of covered walkway.
3. Refer PnAP App—21 & App—23 of buildings department for the permitted working space (L2).
   (500mm max. for demolition works or 300mm max. for other works)
4. Min. width of catch platform (W2) for demolition works = 2000mm—(S) set back or (L1)+(L2)+(D/2), whichever the greater.

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE C HOARDING - COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM GENERAL PLANS

Scale: 1 : 100

Drawing No.: 9711/C/A01

Checked by: CA/ASC W.H. LEE
Date: 11.4.2018

Approved by: AD(PS) C.K. HUI
Date: 12.4.2018
GENERAL NOTES FOR CONSTRUCTION OF 
HOARDINGS, COVERED WALKWAYS, AND ASSOCIATED GANTRIES AND CATCH PLATFORMS:

1. THE ARCHITECTURAL HOARDING DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE APPROPRIATE STRUCTURAL HOARDING DRAWINGS AS REFERRED ON THE DRAWINGS.

2. IN DETERMINING THE TYPE OF HOARDING/Covered WALKWAY CONSTRUCTION AND THE ASSOCIATED PROVISIONS TO SUIT THE PURPOSE, REFERENCE AND PROVISIONS SHOULD ALWAYS BE MADE TO MEET THE REQUIREMENTS OF THE CURRENTLY ENFORCED "CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS" AND RELEVANT PNAPs ISSUED BY BUILDINGS DEPARTMENT.

3. A MINIMUM CLEAR WIDTH OF 1.1m AND RAISED FLOOR SHOULD BE PROVIDED FOR HOARDING/Covered WALKWAY LOCATED ON CARRIAGeway. FOR HOARDING/Covered WALKWAY LOCATED ON FOOTPATH, THE CLEAR WIDTH SHOULD BE RELATED TO THE EXISTING PAVEMENT WIDTH AND BE PROVIDED ACCORDING TO THOSE AS PROMULGATED IN PNAP APP--23 ISSUED BY THE BUILDINGS DEPARTMENT.

4. A TEMPORARY LIGHTING SYSTEM AS PROMULGATED IN PNAP APP--23 SHOULD BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES.

5. ALL METALWORK REFERRED IN THE DRAWINGS SHOULD COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION OR THEREAFTER.

6. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHOULD BE OF GALVANIZED STEEL WITH MINIMUM ZINC COATING CONTENT 350g/m² WITH TRIPLE-SPOT TEST, AND BE FINISHED ON BOTH SURFACES WITH SYNTHETIC PAINT OF ALKYD RESIN BASE IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

7. ALL EXPOSED SURFACES OF METALWORK SHOULD BE PAINTED IN MID--GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

8. ArchSD LOGO SHOULD BE PAINTED AT A 3--BAY INTERVAL. IF THERE ARE OTHER LOGOS TO BE DISPLAYED, THE SPECIFIED LOGO AND THE ArchSD LOGO SHOULD BE PAINTED ALTERNATIVELY AT A 3--BAY INTERVAL.
R.S. UNIVERSAL POST

63x38x2mm TH. R.H.S. GUARD RAIL PROVIDED AT ALTERNATE BAYS OF HOARDING AND FIXED AT 1.1m ABOVE GROUND LEVEL

50x50x50mm LONG M.S. ANGLE CLEAT WELDED TO R.H.S. GUARD RAIL AND BOLTED TO M.S. ANGLE CLEAT

8mm Ø G.S. BOLT WITH NUT & WASHERS

50x50x5mm TH. M.S. ANGLE CLEAT WITH 8x25mm LONG VERTICAL SLOT FOR BOLT & NUT FIXING WELDED TO R.S. UNIVERSAL POST

SECTION A–A

FIXING DETAILS OF R.H.S. GUARD RAIL

C/A04  1 : 5

BOLTS INSIDE WITH HASP & STAPLE FOR PAD LOCK

50x50mm GALVANIZED HIGH–TENSILE FABRIC WELDED TO M.S. FLAT

3mm TH. M.S. FLAT WELDED TO FRAME OF GATE

40x40x2.6mm TH. R.H.S. AS FRAME OF SLIDING AND FOLDING GATE COMPLETED WITH 40x40x2.6mm TH. R.H.S. HANGERS AND ALL NECESSARY IRONMONGERY (REFER ELEVATION SHOWN ON DRAWING 9711/C/A01)

DETAILS OF SLIDING AND FOLDING GATE

C/A04  1 : 5

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE C HOARDING - COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM CONSTRUCTION DETAILS 2

Scale: 1 : 5

Drawing No.: 9711/C/A04

Checked by: C.P.M/S. C.F. HO

Date: 18 Sept. 2007

Approved by: ADIPS K.K. LEUNG

Date: 19 Sept. 2007
HEAVY DUTY RUNNING GEAR SET MOUNTED ON R.S. I-BEAM RUNWAY

50mm(W)x10mm TH. M.S. FLAT WELDED TO FORM U-SHAPE

M16 HANGER BOLT W/ NUT AND WASHERS WELD-FIXED TO IT'S END

100x100x10mm TH. M.S. END PLATE WITH 4 nos. OF 6mm TH. M.S. STIFFENER AT 4 SIDES WELDED TO END OF R.H.S. HANGER

40x40x2.5mm TH. R.H.S. HANGER FOR SLIDING & FOLDING GATE

6mm TH. M.S PLATE WELDED TO R.S. CHANNEL PURLINS

40x40mm WEEP HOLE AT 800mm C/C INTERVAL

127x64mmx14.9kg/m R.S. CHANNEL PURLIN

127x76mmx13.3kg/m R.S. UNIVERSAL BEAM

152x152mmx23kg/m R.S. UNIVERSAL POST

102x51mmx10.42kg/m R.S. CHANNEL BRACE

HEAVY DUTY RUNNING GEAR SET MOUNTED ON 305mmx102mmx28kg/m R.S. I-BEAM RUNWAY

127x64mmx14.9kg/m R.S. CHANNEL RAIL

6mm TH. M.S PLATE WELDED TO R.S. CHANNEL PURLINS/RAILS

DECK OF COVERED WALKWAY

152x89mmx16kg/m R.S. UNIVERSAL BEAM

127x64mmx14.9kg/m R.S. CHANNEL PURLIN

152x152mmx23kg/m R.S. UNIVERSAL POST

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ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE C HOARDING

Covered Walkway with Single Deck Catch Platform

Construction Details 3

Check by: CPW303 C.F. HO

Date: 18 Sept. 2007

Approved by: AO(PS) K.K. LEUNG

Date: 19 Sept. 2007

Scale: as shown

Drawing No.: 9711/C/A05
TYPICAL DETAILS OF COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM HOARDING SITED ON CARRIAGeway/NARROW PAVEMENT

THE AFFECTED TRAFFIC LANE SHOULD BE MAINTAINED AT A MIN. WIDTH OF 2.8m WHILE THE CARRIAGeway SHOULD BE MAINTAINED AT A MIN. WIDTH OF 5.5m

PERMITTED WORKING SPACE FOR HOARDING

EXISTING PAVEMENT

EXISTING EDGE OF PAVEMENT

EXTENSION OF PAVEMENT

500 MIN.

1100 MIN.

CATCH PLATFORM

COVERED WALKWAY

TEMPORARY RAISED FLOOR CONSTRUCTED IN GRADE 20/20 MASS CONC. AND TO BE LEVELLED WITH THE EXISTING PAVEMENT

LINE OF CARRIAGeway

TEMPORARY EDGE OF PAVEMENT

ARCHITECTURAL SERVICES DEPARTMENT

Title

TYPE C HOARDING - COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM CONSTRUCTION DETAILS 5

Scale

1 : 50

Checked by

CPW303 C.F. HO

Date

18 Sept. 2007

Approved by

Add(PS) K.K. Leung

Date

19 Sept. 2007

Drawing No.

9711/C/A07
**TOP PLAN OF GANTRY AND COVERED WALKWAY**

Notes:
1. All welding to be 8mm F.W. all round in accordance with BS EN 1011-1 unless otherwise stated.
2. All bolts to be Grade 4.6 black bolts to BS 4190.
3. All structural sections shall be weldable structural steel of grade S275 unless otherwise specified.
4. The details of gantry may be modified by project officer to suit actual site conditions.
5. All steel works shall be manually cleaned to G1 Cl. 15.61 (1), primed with one coat of oil based zinc phosphate primer and finished with two finishing coats of synthetic paint of alkyd resin base.

**STEEL MEMBER SCHEDULE**

<table>
<thead>
<tr>
<th>MEMBER MARK</th>
<th>MEMBER SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1</td>
<td>152 x 152 x 23 UC</td>
</tr>
<tr>
<td>B1</td>
<td>152 x 89 x 16 UB</td>
</tr>
<tr>
<td>B2</td>
<td>305 x 102 x 28 UB</td>
</tr>
<tr>
<td>B3</td>
<td>127 x 76 x 13 UB</td>
</tr>
<tr>
<td>B4, B6, P1</td>
<td>127 x 64 x 14.9 CHANNEL</td>
</tr>
<tr>
<td>B5</td>
<td>102 x 51 x 10.42 CHANNEL</td>
</tr>
<tr>
<td>B7</td>
<td>76 x 38 x 6.7 CHANNEL</td>
</tr>
<tr>
<td>B8</td>
<td>70 x 70 x 6 ANGLE</td>
</tr>
<tr>
<td>B9</td>
<td>50 x 50 x 5 ANGLE</td>
</tr>
</tbody>
</table>

The sketches are prepared to meet the general requirements as specified in PNAP APP-102 issued by BD. Sizes of footings may be modified by PSE to suit actual site conditions.
**Detail 'A' (C/S04)**

800 x 800 x 200 deep footing

500 mm. min. kerb line

800 mm. line of grd.

**Detail 'B' (C/S04)**

500 mm. min. kerb line

500 mm. line of grd.

**Detail 'B1'**

500 mm. min. kerb line

500 mm. line of grd.

**Detail 'C' (C/S05)**

500 mm. min. kerb line

500 mm. line of grd.

**Detail 'H' (C/S05)**

500 mm. min. kerb line

500 mm. line of grd.

**(Typical Section of Covered Walkway)**

Notes:
1. All footings to be grade 20/20 mass concrete.

6 mm. thick M.S. plate

Welded to channel and roof plate by 6 mm. intermittent fillet weld (50 mm. long at 400 mm. clear spacing) (Typical)

4 nos. M12 holding down bolts (400 mm embedment) with washers & nuts

260 x 260 x 10 mm. thick M.S. plate

150 x 150 x 12 mm. thick M.S. plate
DETAIL 'A'
(C/S02)

DETAIL 'B'
(C/S02)
NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWINGS NO. 9711/D/S01 TO S05.
2. REFER PT. 3 OF GENERAL NOTES IN DRAWING NO. 9711/D/A02 FOR THE REQUIRED CLEAR WIDTH (W1) OF COVERED WALKWAY.
3. REFER PHNAP APP. 21 & APP. 23 OF BUILDINGS DEPARTMENT FOR THE PERMITTED WORKING SPACE (L2).
   (500 mm MAX. FOR DEMOLITION WORKS OR 300 mm MAX. FOR OTHER WORKS)
4. MIN. WIDTH OF CATCH PLATFORM (W2) FOR DEMOLITION WORKS = 2000 mm - (S) SET BACK OR (L1)+(L2)+(D/2), WHICHEVER THE GREATER.

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE D HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM

GENERAL PLANS

Scale 1:100

Drawing No. 9711/D/A01

Checked by CA/ASC W.H. LEE

Date 11.4.2018

Approved by AD/PS C.K. HUI

Date 12.4.2018
GENERAL NOTES FOR CONSTRUCTION OF HOARDINGS, COVERED WALKWAYS, AND ASSOCIATED GANTRIES AND CATCH PLATFORMS:

1. THE ARCHITECTURAL HOARDING DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE APPROPRIATE STRUCTURAL HOARDING DRAWINGS AS REFERRED ON THE DRAWINGS.

2. IN DETERMINING THE TYPE OF HOARDING/Covered Walkway CONSTRUCTION AND THE ASSOCIATED PROVISIONS TO SUIT THE PURPOSE, REFERENCE AND PROVISIONS SHOULD ALWAYS BE MADE TO MEET THE REQUIREMENTS OF THE CURRENTLY ENFORCED "CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS" AND RELEVANT PNAPS ISSUED BY BUILDINGS DEPARTMENT.

3. A MINIMUM CLEAR WIDTH OF 1.1m AND RAISED FLOOR SHOULD BE PROVIDED FOR HOARDING/Covered Walkway LOCATED ON CARRIAGeway. FOR HOARDING/Covered Walkway LOCATED ON FOOTPATH, THE CLEAR WIDTH SHOULD BE RELATED TO THE EXISTING PAVEMENT WIDTH AND BE PROVIDED ACCORDING TO THOSE AS PROMULGATED IN PNAP APP-23 ISSUED BY THE BUILDINGS DEPARTMENT.

4. A temporary LIGHTING SYSTEM AS PROMULGATED IN PNAP APP-23 SHOULD BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES.

5. ALL METALWORK REFERRED IN THE DRAWINGS SHOULD COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION OR THEREAFTER.

6. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHOULD BE OF GALVANIZED STEEL WITH MINIMUM ZINC COATING CONTENT 350g/m² WITH TRIPLE-SPOT TEST, AND BE FINISHED ON BOTH SURFACES WITH SYNTHETIC PAINT OF ALKYD RESIN BASE IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

7. ALL EXPOSED SURFACES OF METALWORK SHOULD BE PAINTED IN MID-GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

8. ArchSD logo should be painted at a 3-bay INTERVAL. If there are other logos to be displayed, the specified logo and the ArchSD logo should be painted alternatively at a 3-bay INTERVAL.
EXTERNAL ELEVATION OF HOarding PANEL

1:50

EXTERNAL ELEVATION OF HOARDING PANEL ON SLOPE

1:50

SECTION A–A

1:5

PLAN OF HOARDING PANEL AT CORNER

1:20

SETTING OUT of ArchSD LOGO

1:10

ARCHITECTURAL SERVICES DEPARTMENT

Title

TYPE D HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM CONSTRUCTION DETAILS 1

Scale

as shown

9711/D/A03

Drawing No.

Checked by

CA/ASC W.H. LEE

Date

11.4.2018

Approved by

AD(PS) C.K. HUI

Date

12.4.2018
R.S. UNIVERSAL POST

63x38x2mm TH. R.H.S. GUARD RAIL PROVIDED AT ALTERNATE BAYS OF HOARDING AND FIXED AT 1.1m ABOVE GROUND LEVEL

50x50x50mm LONG M.S. ANGLE CLEAT WELDED TO R.H.S. GUARD RAIL AND BOLTED TO M.S. ANGLE CLEAT

8mm ø G.S. BOLT WITH NUT & WASHERS

50x50x5mm TH. M.S. ANGLE CLEAT WITH 8x25mm LONG VERTICAL SLOT FOR BOLT & NUT FIXING WELDED TO R.S. UNIVERSAL POST

SECTION A-A

R.S. UNIVERSAL POST

63x38x2mm TH. R.H.S. GUARD RAIL PROVIDED AT ALTERNATE BAYS OF HOARDING AND FIXED AT 1.1m ABOVE GROUND LEVEL

50x50x50mm LONG M.S. ANGLE CLEAT WELDED TO R.H.S. GUARD RAIL AND BOLTED TO M.S. ANGLE CLEAT

50x50x5mm TH. M.S. ANGLE CLEAT WITH 8x25mm LONG VERTICAL SLOT FOR BOLT & NUT FIXING WELDED TO R.S. UNIVERSAL POST

2

FIXING DETAILS OF R.H.S. GUARD RAIL

BOLTS INSIDE WITH HASP & STAPLE FOR PAD LOCK

50x50mm GALVANIZED HIGH–TENSILE FABRIC WELDED TO M.S. FLAT

3mm TH. M.S. FLAT WELDED TO FRAME OF GATE

40x40x2.6mm TH. R.H.S. AS FRAME OF SLIDING AND FOLDING GATE COMPLETED WITH 40x40x2.6mm TH. R.H.S. HANGERS AND ALL NECESSARY IRONWORK (REFER ELEVATION SHOWN ON DRAWING 9711/D/A01)

1

DETAILS OF SLIDING AND FOLDING GATE
**Detail 1:10**

R.S. I-Beam Runway

Heavy Duty Running Gear Set Mounted on R.S. I-Beam Runway

50mm (W) x 10mm TH. M.S. Flat Welded to Form U-Shape

M16 Hanger Bolt W/, Nut and Washers Weld-Fixed to It's End

100x100x10mm TH. M.S. End Plate With 4nos. Of 6mm TH. M.S. Stiffener At 4 Sides Welded To End Of R.H.S. Hanger

40x40x2.6mm TH. R.H.S. Hanger For Sliding & Folding Gate

**Doorway**

6mm TH. M.S. Plate Welded To R.S. Channel Purlins

Deck Of Gantry

40x40mm Weep Hole At 800mm C/C Interval

127x64mmx14.9kg/m R.S. Channel Purlin

127x76mmx13kg/m R.S. Universal Beam

152x152mmx23kg/m R.S. Universal Post

152x51mmx10.42kg/m R.S. Channel Brace

Heavy Duty Running Gear Set Mounted On 300mmm102mmm28mm/m R.S. I-Beam Runway

127x64mmx14.9kg/m R.S. Channel Rail

6mm TH. M.S. Plate Welded To R.S. Channel Purlins/Rails

Upper Deck Of Covered Walkway

152x89mmx16kg/m R.S. Universal Beam

3mm TH. M.S. Plate Welded To R.S. Channel Purlins

Lower Deck Of Covered Walkway

127x64mmx14.9kg/m R.S. Channel Purlin

152x152mmx23kg/m R.S. Universal Post

ARCHITECTURAL SERVICES DEPARTMENT

Title: **TYPE D HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM CONSTRUCTION DETAILS 3**

Scale: As shown

Drawing No.: 9711/D/A05

Check by: CPM303 C.F. HD

Date: 18 Sept. 2007

Approved by: AD(PS) K.K. LEUNG

Date: 19 Sept. 2007
0.75mm TH. G.S. SHEET CONTINUOUS CAPPING

70x70x650mm LONG M.S. ANGLE CLEAT WITH
8x25mm LONG HORIZONTAL SLOT FOR BOLT &
NUT FIXING WELDED TO R.S. UNIVERSAL POST

76x38mmx6.7kg/m R.S. CHANNEL RUNNER

R.S. UNIVERSAL POST WELDED TO 10mm TH.
M.S. BASE PLATE

200x600mm HIGH CONC. COUNTERWEIGHT
PROVIDED BETWEEN R.S. UNIVERSAL POSTS
AT ALTERNATE BAYS OF HOARDING

150

70x70x650mm LONG M.S. ANGLE CLEAT WITH
8x25mm LONG HORIZONTAL SLOT FOR BOLT &
NUT FIXING WELDED TO R.S. UNIVERSAL POST

600

200

8mm Ø G.S. BOLT WITH NUT & WASHERS

6mm Ø S.S. SELF-TAPPING SCREW
WITH 2mm TH. NEOPRENE WASHER

0.5mm TH. CORRUGATED STEEL SHEET
HOARDING PANEL

2200

400

200

8mm Ø G.S. BOLT WITH NUT & WASHERS

6mm Ø S.S. SELF-TAPPING SCREW
WITH 2mm TH. NEOPRENE WASHER

LINE OF GROUND

PAVEMENT

CONC. FOOTING BELOW GROUND
(SEE STRUCTURAL DRAWINGS FOR DETAILS)

1

750 APPROX.

R.S. UNIVERSAL POST WELDED TO 10mm TH.
M.S. BASE PLATE

200x600mm HIGH CONC. COUNTERWEIGHT
PROVIDED BETWEEN R.S. UNIVERSAL POSTS
AT ALTERNATE BAYS OF HOARDING

0.5mm TH. CORRUGATED STEEL SHEET
HOARDING PANEL BOLTED TO R.S. CHANNEL
RUNNER WITH S.S. SELF-TAPPING SCREWS

50x50x5mm TH. M.S. ANGLE RUNNER

76x38mmx6.7kg/m R.S. CHANNEL RUNNER
BOLTED TO M.S. ANGLE CLEAT

0.5mm TH. PRESSED STEEL SHEET LOGO
PANEL FIXED AT EVERY 3 BAYS INTERVAL
WITH S.S. SELF-TAPPING SCREWS

ARCHITECTURAL SERVICES DEPARTMENT

Title

TYPE D HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM CONSTRUCTION DETAILS 4

Scale

1 : 10

Drawing No.

9711/D/A06

Checked by

CPW303 C.F. HO

Date

18 Sept. 2007

Approved by

AD(PS) K.K. LEUNG

Date

19 Sept. 2007
TYPICAL DETAILS OF COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM HOARDING SITED ON CARRIAGEWAY/NARROW PAVEMENT

THE AFFECTED TRAFFIC LANE SHOULD BE MAINTAINED AT A MIN. WIDTH OF 2.8m WHILE THE CARRIAGEWAY SHOULD BE MAINTAINED AT A MIN. WIDTH OF 5.5m

PERMITTED WORKING SPACE FOR HOARDING

EXISTING PAVEMENT

EXISTING EDGE OF PAVEMENT

EXTENSION OF PAVEMENT

LINE OF CARRIAGEWAY

SITE BOUNDARY

CATCH PLATFORM

COVERED WALKWAY

TEMPORARY RAISED FLOOR CONSTRUCTED IN GRADE 20/20 MASS CONC. AND TO BE LEVELLED WITH THE EXISTING PAVEMENT

1 : 50
TOP PLAN OF GANTRY AND COVERED WALKWAY

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO CS CL. 15.61 (I), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ALKYD RESIN BASE.

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNP AP-102 ISSUED BY BD. SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.
(TYPICAL SECTION OF COVERED WALKWAY)

1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.

6mm THICK M.S. PLATE WELDED TO CHANNEL AND ROOF PLATE BY 6mm INTERMITTENT FILLET WELD (50mm LONG AT 400mm CLEAR SPACING)

4 Nos. M12 HOLDING DOWN BOLTS (400mm EREMPTION) WITH WASHERS & NUTS

260x260x10mm THICK M.S. PLATE

150x150x12mm THICK
NOTES :-
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
DETAIL 'A'  
(D/S02)

DETAIL 'B'  
(D/S02)

6mm M.S. PLATE

6mm INTERMITTENT
FILLET WELD (50mm
LONG AT 400mm
CLEAR SPACING)

3 NOS. B6 @ EQ. SPACING

150x150x12mm THICK
M.S. PLATE

B6

B4

B3

B2

B8

C1

B4

6mm M.S. PLATE

150x150x12mm THICK
M.S. PLATE

B3

B2

B8

B5

M.S. WEDGE
WELDED TO TOP
OF UB

200

B5 WELDED
TO B4

9711/D/S04

TYPE D HOARDING
COVERED WALKWAY WITH
DOUBLE DECK CATCH PLATFORM
STRUCTURAL DETAILS

ARCHITECTURAL
SERVICES
DEPARTMENT

Checked by  
CSE/1 C.T. WONG  
Date  
11 Oct. 2007

Approved by  
AD(SE) W.W. LI  
Date  
11 Oct. 2007

Scale  
1 : 10
DETAIL 'E' 1:10
(D/S03)

DETAIL 'F' 1:10
(Flange of C1 not shown for clarity)
(D/S03)

DETAIL 'G' 1:10
(Flange of C1 not shown for clarity)
(D/S03)

DETAIL 'H' 1:5

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE D HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM STRUCTURAL DETAILS 5

Checked by: CSE/1 C.T. WONG
Date: 11 Oct. 2007

Approved by: AD(SE) W.W. LI
Date: 11 Oct. 2007

Drawing No.: 9711/D/S05
NOTES:
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWINGS NO. 9711/E/S01 TO S04.
2. REFER PNAP APP-21 & APP-23 OF BUILDINGS DEPARTMENT FOR THE PERMITTED WORKING SPACE (L). (500mm MAX. FOR DEMOLITION WORKS OR 300mm MAX. FOR OTHER WORKS)
GENERAL NOTES FOR CONSTRUCTION OF HOARDINGS, COVERED WALKWAYS, AND ASSOCIATED GANTRIES AND CATCH PLATFORMS:

1. THE ARCHITECTURAL HOARDING DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE APPROPRIATE STRUCTURAL HOARDING DRAWINGS AS REFERRED ON THE DRAWINGS.

2. IN DETERMINING THE TYPE OF HOARDING/COVERED WALKWAY CONSTRUCTION AND THE ASSOCIATED PROVISIONS TO SUIT THE PURPOSE, REFERENCE AND PROVISIONS SHOULD ALWAYS BE MADE TO MEET THE REQUIREMENTS OF THE CURRENTLY ENFORCED "CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS" AND RELEVANT PNAPS ISSUED BY BUILDINGS DEPARTMENT.

3. A MINIMUM CLEAR WIDTH OF 1.1m AND RAISED FLOOR SHOULD BE PROVIDED FOR HOARDING/COVERED WALKWAY LOCATED ON CARRIAGeway. FOR HOARDING/COVERED WALKWAY LOCATED ON FOOTPATH, THE CLEAR WIDTH SHOULD BE RELATED TO THE EXISTING PAVEMENT WIDTH AND BE PROVIDED ACCORDING TO THOSE AS PROMULGATED IN PNAP APP–23 ISSUED BY THE BUILDINGS DEPARTMENT.

4. A TEMPORARY LIGHTING SYSTEM AS PROMULGATED IN PNAP APP–23 SHOULD BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES.

5. ALL METALWORK REFERRED IN THE DRAWINGS SHOULD COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION OR THEREAFTER.

6. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHOULD BE OF GALVANIZED STEEL WITH MINIMUM ZINC COATING CONTENT 350g/m² WITH TRIPLE–SPOT TEST, AND BE FINISHED ON BOTH SURFACES WITH SYNTHETIC PAINT OF ALKYD RESIN BASE IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

7. ALL EXPOSED SURFACES OF METALWORK SHOULD BE PAINTED IN MID–GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

8. ArchSD LOGO SHOULD BE PAINTED AT A 3–BAY INTERVAL. IF THERE ARE OTHER LOGOS TO BE DISPLAYED, THE SPECIFIED LOGO AND THE ArchSD LOGO SHOULD BE PAINTED ALTERNATIVELY AT A 3–BAY INTERVAL.
EXTERNAL ELEVATION OF HOARDING PANEL 1:50

EXTERNAL ELEVATION OF HOARDING PANEL ON SLOPE 1:50

PLAN OF HOARDING PANEL AT CORNER 1:20

SETTING OUT OF ArchSD LOGO 1:10

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE E HOARDING - CORRUGATED STEEL FENCE (SURFACE-MOUNTED FOOTING) CONSTRUCTION DETAILS 1

Checked by: CA/ASC W.H. LEE Date: 11.4.2018

Approved by: AD(PS) C.K. HUI Date: 12.4.2018

Scale: as shown

Drawing No: 9711/E/A03
DETAILS OF RUNNING GEAR

- This fixing detail is for reference only. Sample of running gear set and fixing method should be submitted for approval before ordering.

Bolts inside with hasp & staple for pad lock

50x50mm galvanized high-tensile fabric welded to M.S. flat

3mm TH. M.S. flat welded to frame of gate

40x40x2.6mm TH. R.H.S. as frame of sliding and folding gate completed with 40x40x2.6mm TH. R.H.S. hangers and all necessary ironmongery (Refer elevation shown on drawing 9711/E/A01)

DETAILS OF SLIDING AND FOLDING GATE

1:5
FOUNDATION PLAN OF GANTRY

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL. 15.61 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ALKYD RESIN BASE.

STEEL MEMBER SCHEDULE

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<th>MEMBER MARK</th>
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<tr>
<td>C1</td>
<td>152 x 152 x 23 UB</td>
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<tr>
<td>C2</td>
<td>152 x 89 x 16 UB</td>
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<tr>
<td>B1</td>
<td>254 x 146 x 37 UB</td>
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<tr>
<td>B2</td>
<td>152 x 76 x 17.88 CHANNEL</td>
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<tr>
<td>B3</td>
<td>76 x 38 x 6.7 CHANNEL</td>
</tr>
<tr>
<td>B4</td>
<td>70 x 70 x 6 ANGLE</td>
</tr>
<tr>
<td>B5</td>
<td>50 x 50 x 5 ANGLE</td>
</tr>
</tbody>
</table>

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNAP APP-102 ISSUED BY BD. SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.
NOTES:
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
2. TO BE USED WHEN PAVEMENT IS CONSTRUCTED WITH CONCRETE, CONCRETE PAVING BLOCK OR TARMAC.
   CONSULT PSE FOR OTHER SURFACE CONDITIONS ON ITS APPLICABILITY.

DETAIL 'A'
( E/S04 )

LINE OF GRD.

600 DEEP SURFACE-MOUNTED FOOTING

A - A
(CANTRY FRAME)

600 SURFACE-MOUNTED FOOTING

B - B

DETAIL 'B'
( E/S04 )

PROFILE STEEL SHEETING, FOR DETAILS SEE ARCH. DWG.

2 NOS. OF 8x25mm LONG VERTICAL SLOT IN POST FOR 8mm Ø G.S. BOLTS & NUTS

8mm Ø G.S. BOLT & NUT

50x50x5mm THK. ANGLE SUPPORT

4 Nos. M12 HOLDING DOWN BOLTS (400 mm EMBEDMENT) WITH WASHERS & NUTS

C1 / C2 / B2

260x260x10mm THICK M.S. PLATE

1 : 10

ARCHITECTURAL SERVICES DEPARTMENT

Title
TYPE E HOARDING - CORRUGATED STEEL FENCE (SURFACE-MOUNTED FOOTING) STRUCTURAL DETAILS 2

Scale
1 : 50
1 : 10

Drawing No.
9711/E/S02

Checked by
CSE/1 C.T. WONG
Date
11 Oct. 2007

Approved by
AD(SE) W.W. LI
Date
11 Oct. 2007
DETAIL 'A' 1:10
(FLANGE OF C1 NOT SHOWN FOR CLARITY)
(E/S02)

(SEE ARCHITECTURAL STANDARD DRAWING)

DETAIL 'B' 1:5
(E/S02)

FOR STEEL SHEETING, SEE ARCH. DWG.

100x100x8x70mm LONG ANGLE CLEAT WELDED TO I-SECTION POST BY 4mm FILLET WELD
(MIN. LENGTH 20mm AT EACH SIDE)

B3

M8 BOLT & NUT

DETAIL 'C' 1:10
(E/S03)

150x150x12mm THICK M.S. PLATE

DETAIL 'D' 1:10
(B3 NOT SHOWN FOR CLARITY)
(E/S03)

6mm THICK PLATE

C2

B4

152x60x6mm THICK PLATE

8mm F.W.

C2

B4

1 - 1
1:10
NOTES:
1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH STRUCTURAL DRAWINGS NO. 9711/F/S01 TO S05.
2. REFER PT. 3 OF GENERAL NOTES IN DRAWING NO. 9711/F/A02 FOR THE REQUIRED CLEAR WIDTH (W1) OF COVERED WALKWAY.
3. REFER PNAP APP.-21 & APP.-23 OF BUILDINGS DEPARTMENT FOR THE PERMITTED WORKING SPACE (L).
   (500mm MAX. FOR DEMOLITION WORKS OR 300mm MAX. FOR OTHER WORKS)

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE F HOARDING - COVERED WALKWAY
(SURFACE-MOUNTED FOOTING)
GENERAL PLANS

Scale: 1 : 100
Drawing No: 9711/F/A01

Checked by: CA/ASC W.H. LEE
Date: 11.4.2018
Approved by: AD(PS) C.K. HUI
Date: 12.4.2018
GENERAL NOTES FOR CONSTRUCTION OF
HOARDINGS, COVERED WALKWAYS, AND ASSOCIATED GANTRIES AND CATCH PLATFORMS:

1. THE ARCHITECTURAL HOARDING DRAWINGS SHOULD BE READ IN CONJUNCTION WITH THE APPROPRIATE STRUCTURAL HOARDING DRAWINGS AS REFERRED ON THE DRAWINGS.

2. IN DETERMINING THE TYPE OF HOARDING/Covered walkway CONSTRUCTION AND THE ASSOCIATED PROVISIONS TO SUIT THE PURPOSE, REFERENCE AND PROVISIONS SHOULD ALWAYS BE MADE TO MEET THE REQUIREMENTS OF THE CURRENTLY ENFORCED “CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS” AND RELEVANT PNAPS ISSUED BY BUILDINGS DEPARTMENT.

3. A MINIMUM CLEAR WIDTH OF 1.1m AND RAISED FLOOR SHOULD BE PROVIDED FOR HOARDING/Covered walkway LOCATED ON CARRIAGeway. FOR HOARDING/Covered walkway LOCATED ON FOOTPATH, THE CLEAR WIDTH SHOULD BE RELATED TO THE EXISTING PAVEMENT WIDTH AND BE PROVIDED ACCORDING TO THOSE AS PROMULGATED IN PNAP APP-23 ISSUED BY THE BUILDINGS DEPARTMENT.

4. A TEMPORARY LIGHTING SYSTEM AS PROMULGATED IN PNAP APP-23 SHOULD BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES.

5. ALL METALWORK REFERRED IN THE DRAWINGS SHOULD COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION OR THEREAFTER.

6. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHOULD BE OF GALVANIZED STEEL WITH MINIMUM ZINC COATING CONTENT 350g/m² WITH TRIPLE-SPOT TEST, AND BE FINISHED ON BOTH SURFACES WITH SYNTHETIC PAINT OF ACRYLIC RESIN BASE IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

7. ALL EXPOSED SURFACES OF METALWORK SHOULD BE PAINTED IN MID-GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

8. ArchSD LOGO SHOULD BE PAINTED AT A 3-BAY INTERVAL. IF THERE ARE OTHER LOGOS TO BE DISPLAYED, THE SPECIFIED LOGO AND THE ArchSD LOGO SHOULD BE PAINTED ALTERNATIVELY AT A 3-BAY INTERVAL.
**Fixing Details of R.H.S. Guard Rail**

63x38x2mm TH. R.H.S. Guard Rail Provided at Alternate Bays of Hoarding and Fixed at 1.1m Above Ground Level

50x50x5x50mm Long M.S. Angle Cleat Welded to R.H.S. Guard Rail and Bolted to M.S. Angle Cleat

8mm Ø C.S. Bolt with Nut & Washers

50x50x5mm TH. M.S. Angle Cleat with 8x25mm Long Vertical Slot for Bolt & Nut Fixing Welded to R.S. Universal Post

**Details of Sliding and Folding Gate**

20x40x2.6mm TH. R.H.S. As Frame of Sliding and Folding Gate Completed with 20x40x2.6mm TH. R.H.S. Hangers and All Necessary Ironmongery (Refer Elevation Shown on Drawing 9711/F/A01)

Bolts Inside with Hasp & Staple for Pad Lock

50x50mm Galvanized High-Tensile Fabric Welded to M.S. Flat

3mm TH. M.S. Flat Welded to Frame of Gate

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**Architectural Services Department**

Title: **Type F Hoarding - Covered Walkway (Surface-Mounted Footing) Construction Details 2**

Scale: 1:5

Drawing No.: 9711/F/A04

Checked by: CPM 003 C.F. HD

Date: 18 Sept. 2007

Approved by: AD(P)S K.K. LEUNG

Date: 19 Sept. 2007
R.S. I-BEAM RUNWAY

HEAVY DUTY RUNNING GEAR SET MOUNTED ON R.S. I-BEAM RUNWAY

50mm(W)x10mm TH. M.S. FLAT WELDED TO FORM U-SHAPE

M16 HANGER BOLT W/ NUT AND WASHERS WELD-FIXED TO ITS END

100x100x10mm TH. M.S. END PLATE WITH 4nos. OF 6mm TH. M.S. STIFFENER AT 4 SIDES WELDED TO END OF R.H.S. HANGER

40x40x2.6mm TH. R.H.S. HANGER FOR SLIDING & FOLDING GATE

DECK OF GANTRY

6mm TH. M.S. PLATE WELDED TO R.S. CHANNEL PURLINS

127x64mm14.9kg/m R.S. CHANNEL PURLIN

178x102mm19kg/m R.S. UNIVERSAL BEAM

152x152mm23kg/m R.S. UNIVERSAL POST

70x70x6mm TH. M.S. ANGLE BRACE

6mm TH. M.S. PLATE WELDED TO R.S. CHANNEL PURLINS

DECK OF COVERED WALKWAY

178x102mm19kg/m R.S. UNIVERSAL BEAM

127x64mm14.9kg/m R.S. CHANNEL PURLIN

152x152mm23kg/m R.S. UNIVERSAL POST

ARCHITECTURAL SERVICES DEPARTMENT

TYPE F HOARDING (SURFACE-MOUNTED FOOTING) CONSTRUCTION DETAILS 3

Scale as shown

9711/F/A05

Checked by CPW503 C.F. HO
Date 18 Sept. 2007
Approved by ADIPS K.K. LEUNG
Date 19 Sept. 2007
0.75mm TH. G.S. SHEET CONTINUOUS CAPPING

100x100x8x70mm LONG M.S. ANGLE CLEAT
WITH 8x25mm LONG HORIZONTAL SLOT
FOR BOLT & NUT FIXING WELDED TO R.S.
UNIVERSAL POST

6mm Φ S.S. SELF-TAPPING SCREW
WITH 2mm TH. NEOPRENE WASHER

76x38mmx6.7kg/m R.S. CHANNEL RUNNER

8mm Φ G.S. BOLT WITH NUT & WASHERS

R.S. UNIVERSAL POST CAST INTO
SURFACE-MOUNTED CONC. FOOTING

0.5mm TH. CORRUGATED STEEL SHEET
HOARDING PANEL

250x750mm HIGH SURFACE-MOUNTED CONC.
FOOTING PROVIDED BETWEEN R.S. UNIVERSAL
POSTS AT ALTERNATE BAYS OF HOARDING

6mm Φ S.S. SELF-TAPPING SCREW
WITH 2mm TH. NEOPRENE WASHER

250mm HIGH SURFACE-MOUNTED CONC.
FOOTING PROVIDED BETWEEN R.S. UNIVERSAL
POSTS AT ALTERNATE BAYS OF HOARDING

8mm Φ G.S. BOLT WITH NUT & WASHERS

76x38mmx6.7kg/m R.S. CHANNEL RUNNER
BOLTED TO M.S. ANGLE CLEAT

50x50x5x50mm LONG M.S. ANGLE CLEAT WITH
8x25mm LONG HORIZONTAL SLOT FOR BOLT &
NUT FIXING BOLTED TO SURFACE-MOUNTED
CONC. FOOTING WITH 8mm Φ EXPANSION BOLT

6mm Φ S.S. SELF-TAPPING SCREW
WITH 2mm TH. NEOPRENE WASHER

50x50x5mm TH. M.S. ANGLE RUNNER

LINE OF GROUND

PAVEMENT

2

2

DETAIL

DETAIL

F/A06

2

F/A06

1 : 10

1 : 10

0.5mm TH. CORRUGATED STEEL SHEET
HOARDING PANEL BOLTED TO R.S. CHANNEL
RUNNER WITH S.S. SELF-TAPPING SCREWS

100x100x8x70mm LONG M.S. ANGLE CLEAT
WITH 8x25mm LONG HORIZONTAL SLOT
FOR BOLT & NUT FIXING WELDED TO R.S.
UNIVERSAL POST

0.5mm TH. PRESSSED STEEL SHEET LOGO
PANEL FIXED AT EVERY 3 BAYS INTERVAL
WITH S.S. SELF-TAPPING SCREWS

ARCHITECTURAL SERVICES DEPARTMENT

TYPE F HOARDING - COVERED WALKWAY
(SURFACE-MOUNTED FOOTING)
CONSTRUCTION DETAILS 4

Checked by
CPW303 C.F. HO
Date 18 Sept. 2007

Approved by
AD(PS) K.K. LEUNG
Date 19 Sept. 2007

Scale
1 : 10

Drawing No.
9711/F/A06
THE AFFECTED TRAFFIC LANE SHOULD BE MAINTAINED AT A MIN. WIDTH OF 2.8m WHILE THE CARRIAGeway SHOULD BE MAINTAINED AT A MIN. WIDTH OF 5.5m.

TEMPORARY RAISED FLOOR CONSTRUCTED IN GRADE 20/20 MASS CONC. AND TO BE LEVELLED WITH THE EXISTING PAVEMENT.

TYPICAL DETAILS OF COVERED WALKWAY HOARDING (SURFACE-MOUNTED FOOTING) SITED ON CARRIAGEway/NARROW PAVEMENT 1:50
TOP PLAN OF GANTRY AND COVERED WALKWAY

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL. 15.61 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ACRYLIC RESIN BASE.

STEEL MEMBER SCHEDULE

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<td>152 x 152 x 23 UC</td>
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<tr>
<td>C2, B3</td>
<td>152 x 89 x 16 UB</td>
</tr>
<tr>
<td>B1</td>
<td>254 x 146 x 37 UB</td>
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<tr>
<td>B2</td>
<td>178 x 102 x 19 UB</td>
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<td>B4</td>
<td>127 x 64 x 14.9 CHANNEL</td>
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<td>76 x 38 x 6.7 CHANNEL</td>
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<tr>
<td>B6</td>
<td>70 x 70 x 6 ANGLE</td>
</tr>
<tr>
<td>B7</td>
<td>50 x 50 x 5 ANGLE</td>
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THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNAP APP-102 ISSUED BY BD. SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.
A - A
(TYPICAL SECTION OF COVERED WALKWAY)

NOTES:
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
2. TO BE USED WHEN PAVEMENT IS CONSTRUCTED WITH CONCRETE, CONCRETE PAVER BLOCK OR TARMAC.
CONSULT FSE FOR OTHER SURFACE CONDITIONS ON ITS APPLICABILITY.

1 : 10
(FOOTING NOT SHOWN FOR CLARITY)
NOTES :-
1. All footings to be grade 20/20 mass concrete.
DETAIL 'A', 1:10
(B4 NOT SHOWN FOR CLARITY)
(F/SO2)

DETAIL 'B', 1:10
(F/SO2)

DETAIL 'C', 1:5
(F/SO2)
6mm THICK M.S. PLATE WELDED TO EVERY OTHER CHANNEL BY 6mm INTERMITTENT FILLET WELD 50mm LONG AT 400mm CLEAR SPACING

DETAIL 'D'
(F/S03)

150x150x12mm THICK M.S. PLATE

B1

B4

C1

B2 WELDED TO C1

C2

B6

DETAIL 'E'
(F/S03)

B3

C1

DETAIL 'F'
(FLANGE OF C2 NOT SHOWN FOR CLARITY)
(F/S03)

B3

6mm THICK PLATE

B6

C2

6mm THICK M.S. PLATE

B3

C2

B3

DETAIL 'G'
(FLANGE OF C2 NOT SHOWN FOR CLARITY)
(F/S03)
GENERAL NOTES FOR CONSTRUCTION OF TYPE G1 HOARDINGS AND COVERED WALKWAYS INCLUDING ASSOCIATED GANTRIES AND CATCH PLATFORMS

1. THE ARCHITECT SHALL ENSURE THAT THE CONSTRUCTION OF HOARDINGS AND COVERED WALKWAYS SHALL COMPLY WITH THE REQUIREMENTS STIPULATED IN THE CURRENTLY ENFORCED BUILDINGS ORDINANCE/ BUILDING REGULATIONS, AND THE RELEVANT CODES OF PRACTICE AND PNAPs ISSUED BY THE BUILDINGS DEPARTMENT.

2. THE STANDARD DRAWINGS ARE ONLY APPLICABLE FOR HOARDINGS/COVERED WALKWAYS WITH WIDTH OF COVERED WALKWAY (L1)* MEASURED BETWEEN COLUMN CENTRES IN THE RANGE: 1350mm ≤ L1 < 1850mm. FOR THE WIDTH (L1) IN THE RANGE: 1850mm ≤ L1 ≤ 3000mm, PLEASE REFER TYPE G2 HOARDING.


3. THE MINIMUM CLEAR WIDTH (W1) OF HOARDING/COVERED WALKWAY SITED ON A CARRIAGeway OR FOOTPATH SHALL BE PROVIDED IN ACCORDANCE WITH PNAP APP-23. WHEN THE WIDTH (W1) IS LESS THAN THE MINIMUM WIDTH AS STIPULATED UNDER PNAP APP-23, APPROVAL/AGREEMENT FROM HIGHWAYS DEPARTMENT AND OTHER RELEVANT AUTHORITIES SHALL BE OBTAINED BEFORE THE CONSTRUCTION.

4. FOR DEMOLITION WORKS, THE MAXIMUM PERMITTED WORKING SPACE BETWEEN THE HOARDING/COVERED WALKWAY AND THE SITE BOUNDARY (L2) SHALL NOT BE GREATER THAN 500mm IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS. FOR OTHER WORKS, THE WORKING SPACE (L2) SHALL NOT BE GREATER THAN 300mm IN ACCORDANCE WITH PNAP APP-23.

5. THE MINIMUM WIDTH OF CATCH PLATFORM (W2) FOR DEMOLITION WORKS SHALL BE PROVIDED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS.

6. A TEMPORARY LIGHTING SYSTEM SHALL BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES AND BE MAINTAINED IN GOOD ORDER IN ACCORDANCE WITH PNAP APP-23.

7. THE EXPOSED FACES OF THE CONCRETE PLINTH SHALL BE OF SMOOTH SURFACE AND ANY EXPOSED EDGES AND CORNERS SHALL BE CHAMFERED.

8. THE ARCHITECT SHALL, IN CONJUNCTION WITH THE PROJECT MANAGER, ASSESS THE NEED FOR HOARDING WITH SPECIAL DESIGN. PLEASE REFER TO THE "GUIDELINES FOR ENHANCEMENT OF HOARDING DESIGN FOR CONSTRUCTION SITES" IN ANNEX 3.A.18 OF THE PROJECT ADMINISTRATION HANDBOOK.

9. ALL METALWORK REFERRED IN THE DRAWINGS SHALL COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

10. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHALL BE OF GALVANIZED STEEL WITH COATING IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

11. ALL EXPOSED SURFACES OF METALWORK SHALL BE PAINTED IN MID GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

12. THE JOINTS/GAPS AT THE DECK OF THE COVERED WALKWAY/GANTRY SHALL BE PROPERLY SEALED WITH SEALANT OR TAPE AND BE MAINTAINED IN GOOD REPAIR TO AVOID GENERATION OF PUBLIC NUISANCE INCLUDING WATER DrippiNG.

13. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS NO. 9711/G1/A02 TO A09 AND STRUCTURAL DRAWINGS NO. 9711/G1/S01 TO S05.

14. ALL DIMENSIONS SHOWN IN THE ARCHITECTURAL DRAWINGS NO. 9711/G1/A02 TO A09 ARE STRUCTURAL MEASUREMENT IN MILLIMETERS UNLESS STATED OTHERWISE.

15. THE ARCHITECT SHALL APPROACH ALL RELEVANT GOVERNMENT DEPARTMENTS SUCH AS THE HIGHWAYS DEPARTMENT AND TRANSPORT DEPARTMENT TO OBTAIN THEIR COMMENTS AND/OR APPROVALS ON THE HOARDING PROPOSAL BEFORE THE CONSTRUCTION.

<table>
<thead>
<tr>
<th>Title</th>
<th>TYPE G1 HOARDING</th>
<th>COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING)</th>
<th>Scale</th>
<th>Drawing No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Checked by</td>
<td>CA/ASC W.H. LEE</td>
<td>Date: 11.4.2018</td>
<td>Approved by</td>
<td>AD(PS) C.K. HUI</td>
</tr>
</tbody>
</table>

* L1 is the width of the covered walkway measured between column centres.
PLAN

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING
425x1200mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY
G.M.S. SLIDING & FOLDING GATE W/ MESH
DOOR PANEL AND HASP & STAPLE FOR PAD LOCK
(DESIGN AND CONSTRUCTION DETAILS SUBJECT TO ARCHITECT'S APPROVAL)

SECTIONAL PLAN

ROOF LINE OF GANTRY ABOVE
250x800mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY
ROOF LINE OF COVERED WALKWAY ABOVE
UNIVERSAL POST AT 2400mm c/c

CHANNEL PURLINS AT APPROX. 300mm c/c
6mm TH. M.S. PLATE WELDED TO CHANNEL PURLINS

DECK OF COVERED WALKWAY
DECK OF GANTRY
DECK OF COVERED WALKWAY

2400 2400 2400 2400 2400

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

H

MAX. 6000 CLEAR WIDTH GANTRY

INGRESS/EGRESS

Pavement

425

3

6

125

125

125

125

125
TYPE G1 HOARDING

COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING)

ELEVATION

Scale 1:100

Drawing No. 9711/G1/A03

2400 c/c
2400 c/c
2400 c/c

1100mm HIGH BARREL CONSTRUCTED IN 6mm TH. M.S. PLATE WELDED TO CHANNEL RAILS

HEAVY DUTY RUNNING GEAR SET MOUNTED ON REAR UNIVERSAL BEAM RUNWAY

M.S. ANGLE BRACE

UNIVERSAL POST

BUILDING PAPER

BUILDING PAPER

BUILDING PAPER

BUILDING PAPER

BUILDING PAPER

BUILDING PAPER

250x75mm HIGH SURFACE-MOUNTED CONC. FOOTING

M.S. ANGLE RUNNERS BEHIND HOARDING PANEL

UNIVERSAL POST

FRONT UNIVERSAL BEAM RUNWAY

FRONT UNIVERSAL BEAM

M.S. ANGLE RUNNERS BEHIND HOARDING PANEL

M .S. ANGLE RUNNERS BEHIND HOARDING PANEL

G.M.S. SLIDING & FOLDING GATE W/ MUSH DOOR PANEL AND HASP

BOLTS INSIDE

FRONT ELEVATION

2400 c/c
2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

2400 c/c

1100mm HIGH BARRIER CONSTRUCTED IN 6mm TH. M.S. PLATE WELDED TO CHANNEL RAILS

FRONT UNIVERSAL BEAM

R.H.S. HANGER FOR GATE—

FRONT UNIVERSAL BEAM

R.H.S. HANGER FOR GATE

FRONT ELEVATION

SERVICE DEPARTMENT

CHECKED BY CA/ASC T.S.K. TAM

DATE 28-2-11

APPROVED BY AD(PS) S.W. FONG

DATE 1 MAR 2011
FOR DEMOLITION WORKS
W2 > 2000mm - SET BACK(S)

EXISTING BUILDING
TO BE DEMOLISHED (IF APPLICABLE)

UNIVERSAL POST
(REFER ELEVATION SHOWN ON DWG. No. 9711/G1/A06)

HEAVY DUTY RUNNING GEAR SET MOUNTED ON BEAM RUNWAY

40x40mm WEEP HOLE AT 800mm C/C

SINGLE DECK CATCH PLATFORM

SECTION A-A

SECTION B-B

Site Boundary (if Applicable)

CARRIAGEWAY

BUILDING PAPER

HEAVY DUTY RUNNING GEAR SET MOUNTED ON REAR UNIVERSAL BEAM RUNWAY

425x1200mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

CARRIAGEWAY

BUILDING PAPER

CATCH PLATFORM

COVERED WALKWAY

CATCH PLATFORM

425x1200mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY

250x800mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY

CARRIAGEWAY

BUILDING PAPER

COVERED WALKWAY

SECTION B-B

FOR DEMOLITION WORKS
W2 > 2000mm - SET BACK(S)
UNIVERSAL POST CAST INTO SURFACE-MOUNTED CONC. FOOTING

G.M.S. SLIDING & FOLDING GATE W/ MESH DOOR PANEL AND HASP & STAPLE FOR PAD LOCK
(DISIGN AND CONSTRUCTION DETAILS SUBJECT TO ARCHITECT'S APPROVAL)

70x70x6mm M.S. ANGLE CLEAT WELDED TO UNIVERSAL POST
70x70x6x70mm LONG M.S. ANGLE CLEAT BOLTED TO M.S. ANGLE CLEAT
50x50x8mm M.S. ANGLE RUNNER UNDER 70x70x6x70mm LONG M.S. ANGLE CLEAT W/ 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING TO M.S. ANGLE

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL BOLTED TO M.S. ANGLE RUNNER W/ 6mm S.S. SELF-TAPPING SCREWS AT 600mm C/C
70x70x6x70mm M.S. ANGLE CLEAT W/ 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO UNIVERSAL POST AT ABOVE (ANGLE RUNNER AT BELOW NOT SHOWN FOR CLARITY)

UNIVERSAL POST CAST INTO SURFACE-MOUNTED CONC. FOOTING

425x1200mm HIGH SURFACE-MOUNTED CONC. FOOTING
250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING
100x100x8x150mm LONG M.S. ANGLE CLEAT BOLTED TO SURFACE-MOUNTED CONC. FOOTING W/ 8mm EXPANSION BOLT
6mm S.S. SELF-TAPPING SCREW AT 600mm C/C W/ 2mm THINNEOPRENE WASHER
8mm G.S. BOLT W/ NUT & WASHERS
50x50x8mm M.S. ANGLE RUNNER

50x50x5x50mm LONG M.S. ANGLE CLEAT WITH 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO UNIVERSAL POST AT ABOVE (ANGLE RUNNER AT BELOW NOT SHOWN FOR CLARITY)
0.75mm TH. G.S. SHEET CONTINUOUS CAPPING
8mm G.S. BOLT W/ NUT & WASHERS
50x50x5x50mm LONG M.S. ANGLE CLEAT W/ 8X25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO UNIVERSAL POST
70x70x6x70mm LONG M.S. ANGLE CLEAT W/ 8X25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO UNIVERSAL POST
50x50x8mm M.S. ANGLE RUNNER W/ 8mm S.S. SELF-TAPPING SCREW AT 600mm c/c W/ 2mm TH. NEOPRENE WASHER
0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL
UNIVERSAL POST CAST INTO SURFACE-MOUNTED CONC. FOOTING
250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING
425x1200mm HIGH SURFACE-MOUNTED CONC. FOOTING
0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL BOLTED TO SURFACE-MOUNTED CONC. FOOTING W/ 6mm EXPANSION BOLT AT 600mm c/c
LINE OF GROUND
BUILDING PAPER
DETAIL 3
1:10

(Also applicable to 250x750mm surface-mounted conc. footing)

DECK OF GANTRY
40x40mm WEEP HOLE
40mm c/c

CHANNEL PURLIN
UNIVERSAL BEAM
UNIVERSAL POST

HEAVY DUTY RUNNING GEAR SET MOUNTED ON UNIVERSAL BEAM RUNWAY

50mm(W) x 10mm TH. M.S. FLAT WELDED TO FORM "U"-SHAPE

M16 HANGER BOLT W/ NUT AND WASHERS WELD-FIXED TO IT'S END

100x100x10mm TH. M.S. END PLATE WITH 4nos. OF 6mm TH. M.S. STIFFENER AT 4 SIDES WELDED TO END OF R.H.S. HANGER

40x40x2.6mm TH. R.H.S. HANGER FOR SLIDING & FOLDING GATE

UNIVERSAL BEAM RUNWAY

UNIVERSAL BEAM

CHANNEL RAIL
6mm TH. M.S. PLATE WELDED TO CHANNEL PURLINS/RAILS

DECK OF COVERED WALKWAY

CHANNEL PURLIN
UNIVERSAL BEAM
UNIVERSAL POST

* This fixing detail is for reference only. Sample of running gear set and fixing method should be submitted for approval before ordering.

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE G1 HOARDING

Covered Walkway with single deck catch platform (surface-mounted footing) construction details 3

Scale: as shown

Drawing No.: 9711/G1/A07

Checked by: CA/ASC T.S.K. TAM
Date: 28-01-11

Approved by: AD(PS) S.W. FONG
Date: 1 MAR 2011
40x40mm WEEP HOLE AT 800mm C/C

CATCH PLATFORM

HOARDING PANEL
(REFER ELEVATION SHOWN ON DWG NO. 9711/G1/A08)

UNIVERSAL POST

THE AFFECTED TRAFFIC LANE SHOULD BE MAINTAINED AT A MIN. WIDTH OF 2800mm
WHILE THE CARRIAGeway SHOULD BE MAINTAINED AT A MIN. WIDTH OF 5500mm

TEMPORARY RAISED FLOOR CONSTRUCTED IN GRADE 20/20 MASS CONC. AND TO BE LEVELled WITH THE EXISTING PAVEMENT

EXISTING PAVEMENT

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

COVERED WALKWAY

L2

1100 MIN.

500 MIN.

CARRIAGeway

EXISTING EDGE OF PAVEMENT

EXTENSION OF PAVEMENT

TEMPORARY EDGE OF PAVEMENT

TYPICAL SECTION
TOP PLAN OF GANTRY AND COVERED WALKWAY

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL 15.61 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ALKYD RESIN BASE.
6. THE COLUMN CENTRES, L1, SHOULD BE 1350mm ≤ L1 < 1850mm.

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNAP APP-102 ISSUED BY BD. SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.
DETAIL 'A' (G1/S04)

COLUMN CENTRE (L1)
1350 ≤ L1 < 1850
(SEE ARCH. DWGS.)

DETAIL 'B' (G1/S04)

CATCH PLATFORM
B4
B5
B6
B2
B1
B3
B2
B5
B6
B2
B1
B3
B5
B6

DETAIL 'C' (G1/S05)

COLUMN CENTRE (SEE ARCH. DWGS.)
VARIIES

DETAIL 'B1'

500 MIN. KERB LINE

FACTOR NOT SHOWN FOR CLARITY

(FOOTING NOT SHOWN FOR CLARITY)

(TYPICAL SECTION OF COVERED WALKWAY)

NOTES:
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
2. TO BE USED WHEN PAVEMENT IS CONSTRUCTED WITH CONCRETE, CONCRETE PAVING BLOCK OR TARMAC. CONSULT PSE FOR OTHER SURFACE CONDITIONS ON ITS APPLICABILITY.

ARCHITECTURAL SERVICES DEPARTMENT

TYPE G1 HOARDING - COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING) STRUCTURAL DETAILS 2

Checked by
CSE/3 S.C. KWAN

Approved by
AD(SE) W.W. LI

Date
24/1/11
25/1/11

Scale
1:50
1:10

Drawing No.
9711/G1/S02

Title

Scale

Date

24/1/11

25/1/11

1:10
GENERAL NOTES FOR CONSTRUCTION OF TYPE G2 HOARDINGS AND COVERED WALKWAYS INCLUDING ASSOCIATED GANTRIES AND CATCH PLATFORMS

1. THE ARCHITECT SHALL ENSURE THAT THE CONSTRUCTION OF HOARDINGS AND COVERED WALKWAYS SHALL COMPLY WITH THE REQUIREMENTS STIPULATED IN THE CURRENTLY ENFORCED BUILDINGS ORDINANCE/ BUILDING REGULATIONS, AND THE RELEVANT CODES OF PRACTICE AND PNAPs ISSUED BY THE BUILDINGS DEPARTMENT.

2. THE STANDARD DRAWINGS ARE ONLY APPLICABLE FOR HOARDINGS/COVERED WALKWAYS WITH WIDTH OF COVERED WALKWAY (L1)* MEASURED BETWEEN COLUMN CENTRES IN THE RANGE : 1850mm ≤ L1 ≤ 3000mm. FOR THE WIDTH (L1) IN THE RANGE: 1350mm ≤ L1 < 1850mm, PLEASE REFER TYPE G1 HOARDING.

FOR THE WIDTH (L1) OUTSIDE THE RANGE OF 1350mm AND 3000mm, THE ADEQUACY OF THE STRUCTURAL PROVISION SHALL BE JUSTIFIED WITH STRUCTURAL CALCULATION.


3. THE MINIMUM CLEAR WIDTH (W1) OF HOARDING/COVERED WALKWAY SITED ON A CARRIAGeway OR FOOTPATH SHALL BE PROVIDED IN ACCORDANCE WITH PNAP APP-23. WHEN THE WIDTH (W1) IS LESS THAN THE MINIMUM WIDTH AS STIPULATED UNDER PNAP APP-23, APPROVAL/AGREEMENT FROM HIGHWAYS DEPARTMENT AND OTHER RELEVANT AUTHORITIES SHALL BE OBTAINED BEFORE THE CONSTRUCTION.

4. FOR DEMOLITION WORKS, THE MAXIMUM PERMITTED WORKING SPACE BETWEEN THE HOARDING/COVERED WALKWAY AND THE SITE BOUNDARY (L2) SHALL NOT BE GREATER THAN 500mm in ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS. FOR OTHER WORKS, THE WORKING SPACE (L2) SHALL NOT BE GREATER THAN 300mm IN ACCORDANCE WITH PNAP APP-23.

5. THE MINIMUM WIDTH OF CATCH PLATFORM (W2) FOR DEMOLITION WORKS SHALL BE PROVIDED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS.

6. A TEMPORARY LIGHTING SYSTEM SHALL BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES AND BE MAINTAINED IN GOOD ORDER IN ACCORDANCE WITH PNAP APP-23.

7. THE EXPOSED FACES OF THE CONCRETE PLINTH SHALL BE OF SMOOTH SURFACE AND ANY EXPOSED EDGES AND CORNERS SHALL BE CHAMFERED.

8. THE ARCHITECT SHALL, IN CONJUNCTION WITH THE PROJECT MANAGER, ASSESS THE NEED FOR HOARDING WITH SPECIAL DESIGN. PLEASE REFER TO THE "GUIDELINES FOR ENHANCEMENT OF HOARDING DESIGN FOR CONSTRUCTION SITES" IN ANNEX 3A.18 OF THE PROJECT ADMINISTRATION HANDBOOK.

9. ALL METALWORK REFERRED IN THE DRAWINGS SHALL COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

10. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHALL BE OF GALVANIZED STEEL WITH COATING IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

11. ALL EXPOSED SURFACES OF METALWORK SHALL BE PAINTED IN MID GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

12. THE JOINTS/GAPS AT THE DECK OF THE COVERED WALKWAY/GANTRY SHALL BE PROPERLY SEALED WITH SEALANT OR TAPE AND BE MAINTAINED IN GOOD REPAIR TO AVOID GENERATION OF PUBLIC NUISANCE INCLUDING WATER DRIPPING.

13. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS NO. 9711/G2/A02 TO A08 AND STRUCTURAL DRAWINGS NO. 9711/G2/S01 TO S05.

14. ALL DIMENSIONS SHOWN IN THE ARCHITECTURAL DRAWINGS NO. 9711/G2/A02 TO A08 ARE STRUCTURAL MEASUREMENT IN MILLIMETERS UNLESS STATED OTHERWISE.

15. THE ARCHITECT SHALL APPROACH ALL RELEVANT GOVERNMENT DEPARTMENTS SUCH AS THE HIGHWAYS DEPARTMENT AND TRANSPORT DEPARTMENT TO OBTAIN THEIR COMMENTS AND/OR APPROVALS ON THE HOARDING PROPOSAL BEFORE THE CONSTRUCTION.

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**Architectural Services Department**

**Title:** TYPE G2 HOARDING

**Covered Walkway with Single Deck Catch Platform (Surface-Mounted Footing)**

**General Notes**

**Scale:** NIL

**Drawing No.:** 9711/G2/A01

**Checked by:** CA/ASC W.H. Lee

**Date:** 11.4.2018

**Approved by:** AD(PS) C.K. Hui

**Date:** 12.4.2018
G.M.S. SLIDING & FOLDING GATE

1. T WI MESH → interpunaked STAPLE

DOOR PANEL AND HASP FOR PADLOCK

SUBJECT AND CONSTRUCTION DETAILS TO ARCHITECT'S APPROVAL.

COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM
(SURFACE-MOUNTED FOOTING) CONSTRUCTION DETAILS

ARCHITECTURAL SERVICES DEPARTMENT

Title: TYPE G2 HOARDING

Scale: 1:10

Checked by:
CA/ASC T.S.K. TAM

Date: 28-2-2011

Approved by:
AD(PS) S.W. FONG

Date: 1 MAR 2011

Drawing No.: 9711/G2/A05
ARCHITECTURAL
DEPARTMENT

Title
TYPE G2 HOARDING (SURFACE-MOUNTED FOOTING)

Scale
1:10

Drawing No.
9711/G2/A06

UNIVERSAL POST CAST INTO SURFACE-MOUNTED CONC. FOOTING

0.75mm TH. G.S. SHEET CONTINUOUS CAPPING

8mm G.S. BOLT W/ NUT & WASHERS

50x50x50mm LONG M.S. ANGLE CLEAT W/ 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXED WELDED TO UNIVERSAL POST

50X50X8mm M.S. ANGLE RUNNER W/ 6mm S.S. SELF-TAPPING SCREW AT 500mm c/c W/ 2mm TH. NEOPRENE WASHER

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL BOLTED TO SURFACE-MOUNTED CONC. FOOTING W/ 6mm EXPANSION BOLT AT 600mm c/c

LINE OF GROUND

BUILDING PAPER

CAD Ref. - 9711_g2_06(02_11).dwg--1:10
UNIVERSAL POST
SURFACE-MOUNTED CONC. FOOTING
50x50x8mm M.S. ANGLE RUNNER
6mm S.S. SELF-TAPPING SCREW AT
600mm c/c W/ NEOPRENE WASHER
8mm G.S. BOLT W/ NUT & WASHER
100x100x8x150mm LONG M.S. ANGLE
CLEAT BOLTED TO SURFACE-MOUNTED
CONC. FOOTING W/ 8mm EXPANSION BOLT
0.5mm TH. CORRUGATED STEEL SHEET
HOARDING PANEL BOLTED TO M.S. ANGLE
RUNNER W/ 6mm S.S. SELF-TAPPING
SCREWS AT 600mm c/c
BUILDING PAPER
LINE OF GROUND

3 DETAIL
1:10
(ALSO APPLICABLE TO 250x750mm
SURFACE-MOUNTED CONC. FOOTING)

6mm TH. M.S PLATE WELDED
TO CHANNEL PURLINS

40x40mm WEEP HOLE
AT 800mm c/c

CHANNEL PURLIN

UNIVERSAL BEAM

UNIVERSAL POST

CHANNEL BRACE

HEAVY DUTY RUNNING
GEAR SET MOUNTED ON
UNIVERSAL BEAM RUNWAY

HEAVY DUTY RUNNING GEAR SET
MOUNTED ON UNIVERSAL BEAM RUNWAY

50mm(W)x10mm TH. M.S. FLAT
WELDED TO FORM U-SHAPE

M16 HANGER BOLT W/ NUT AND
WASHERS WELD-FIXED TO ITS END

100x100x10mm TH. M.S. END PLATE
WITH 4nos. OF 8mm TH. M.S.
STIFFENER AT 4 SIDES WELDED
TO END OF R.H.S. HANGER

40x40x2.6mm TH. R.H.S. HANGER
FOR SLIDING & FOLDING GATE

2 DETAIL
1:10

1 DETAIL
1:20

* THIS FIXING DETAIL IS FOR REFERENCE ONLY. SAMPLE
OF RUNNING GEAR SET AND FIXING METHOD SHOULD
BE SUBMITTED FOR APPROVAL BEFORE ORDERING.

ARCHITECTURAL SERVICES DEPARTMENT

Title
TYPE G2 HOARDING

COVERED WALKWAY WITH
SINGLE DECK CATCH PLATFORM
(SURFACE-MOUNTED FOOTING)
CONSTRUCTION DETAILS 3

Scale
as shown

Drawing No.
9711/G2/A07

Checked by
CA/ASC T.S.K. TAM

Date
26.11

Approved by
AD(PS) S.W. FONG

Date
1 MAR 2011
STEEL MEMBER SCHEDULE

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<td>50 x 50 x 8 ANGLE</td>
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<td>B8</td>
<td>70 x 70 x 6 ANGLE</td>
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**TOP PLAN OF GANTRY AND COVERED WALKWAY**

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL. 15.61 1 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ALKYD RESIN BASE.
6. THE COLUMN CENTRES, L1, SHOULD BE 1850mm < L1 < 3000mm.

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNAP APP–102 ISSUED BY BD. SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.
NOTES:
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
GENERAL NOTES FOR CONSTRUCTION OF TYPE H1 HOARDINGS AND COVERED WALKWAYS INCLUDING ASSOCIATED GANTRIES AND CATCH PLATFORMS

1. THE ARCHITECT SHALL ENSURE THAT THE CONSTRUCTION OF HOARDINGS AND COVERED WALKWAYS SHALL COMPLY WITH THE REQUIREMENTS STIPULATED IN THE CURRENTLY ENFORCED BUILDINGS ORDINANCE/ BUILDING REGULATIONS, AND THE RELEVANT CODES OF PRACTICE AND PNAPS ISSUED BY THE BUILDINGS DEPARTMENT.

2. THE STANDARD DRAWINGS ARE ONLY APPLICABLE FOR HOARDINGS/COVERED WALKWAYS WITH WIDTH OF COVERED WALKWAY (L1)* MEASURED BETWEEN COLUMN CENTRES IN THE RANGE : 1350mm ≤ L1 < 1850mm. FOR THE WIDTH (L1) IN THE RANGE: 1850mm ≤ L1 ≤ 3000mm, PLEASE REFER TYPE H2 HOARDING.

   FOR THE WIDTH (L1) OUTSIDE THE RANGE OF 1350mm AND 3000mm, THE ADEQUACY OF THE STRUCTURAL PROVISION SHALL BE JUSTIFIED WITH STRUCTURAL CALCULATION.


3. THE MINIMUM CLEAR WIDTH (W1) OF HOARDING/COVERED WALKWAY SITED ON A CARRIAGeway OR FOOTPATH SHALL BE PROVIDED IN ACCORDANCE WITH PNAP APP-23. WHEN THE WIDTH (W1) IS LESS THAN THE MINIMUM WIDTH AS STIPULATED UNDER PNAP APP-23, APPROVAL/AGREEMENT FROM HIGHWAYS DEPARTMENT AND OTHER RELEVANT AUTHORITIES SHALL BE OBTAINED BEFORE THE CONSTRUCTION.

4. FOR DEMOLITION WORKS, THE MAXIMUM PERMITTED WORKING SPACE BETWEEN THE HOARDING/COVERED WALKWAY AND THE SITE BOUNDARY (L2) SHALL NOT BE GREATER THAN 500mm IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS. FOR OTHER WORKS, THE WORKING SPACE (L2) SHALL NOT BE GREATER THAN 300mm IN ACCORDANCE WITH PNAP APP-23.

5. THE MINIMUM WIDTH OF CATCH PLATFORM (W2) FOR DEMOLITION WORKS SHALL BE PROVIDED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS.

6. A TEMPORARY LIGHTING SYSTEM SHALL BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES AND BE MAINTAINED IN GOOD ORDER IN ACCORDANCE WITH PNAP APP-23.

7. THE EXPOSED FACES OF THE CONCRETE PLINTH SHALL BE OF SMOOTH SURFACE AND ANY EXPOSED EDGES AND CORNERS SHALL BE CHAMFERED.

8. THE ARCHITECT SHALL, IN CONJUNCTION WITH THE PROJECT MANAGER, ASSESS THE NEED FOR HOARDING WITH SPECIAL DESIGN. PLEASE REFER TO THE "GUIDELINES FOR ENHANCEMENT OF HOARDING DESIGN FOR CONSTRUCTION SITES" IN ANNEX 3.A.18 OF THE PROJECT ADMINISTRATION HANDBOOK.

9. ALL METALWORK REFERRED IN THE DRAWINGS SHALL COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

10. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHALL BE OF GALVANIZED STEEL WITH COATING IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

11. ALL EXPOSED SURFACES OF METALWORK SHALL BE PAINTED IN MID GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

12. THE JOINTS/GAPS AT THE DECK OF THE COVERED WALKWAY/GANTRY SHALL BE PROPERLY SEALED WITH SEALANT OR TAPE AND BE MAINTAINED IN GOOD REPAIR TO AVOID GENERATION OF PUBLIC NUISANCE INCLUDING WATER DRIPPING.

13. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS NO. 9711/H1/A02 TO A09 AND STRUCTURAL DRAWINGS NO. 9711/H1/S01 TO S05.

14. ALL DIMENSIONS SHOWN IN THE ARCHITECTURAL DRAWINGS NO 9711/H1/A02 TO A09 ARE STRUCTURAL MEASUREMENT IN MILLIMETERS UNLESS STATED OTHERWISE.

15. THE ARCHITECT SHALL APPROACH ALL RELEVANT GOVERNMENT DEPARTMENTS SUCH AS THE HIGHWAYS DEPARTMENT AND TRANSPORT DEPARTMENT TO OBTAIN THEIR COMMENTS AND/OR APPROVALS ON THE HOARDING PROPOSAL BEFORE THE CONSTRUCTION.

<table>
<thead>
<tr>
<th>Title</th>
<th>TYPE H1 HOARDING COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING) GENERAL NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scale</td>
<td>NIL</td>
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<tr>
<td>Drawing No.</td>
<td>9711/H1/A01</td>
</tr>
</tbody>
</table>

Checked by: CA/ASC W.H. LEE  Date: 11.4.2018

Approved by: AD(PS) C.K. HUI  Date: 12.4.2018
PLAN

- CHANNEL PURLINS AT APPROX. 300mm c/c
- 6mm TH. M.S. PLATE WELDED TO CHANNEL PURLINS

DECK OF COVERED WALKWAY

SECTIONAL PLAN

- 250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING
- 425x1200mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY
- G.M.S. SLIDING & FOLDING GATE W/ MESH DOOR PANEL AND HASP & STAPLE FOR PAD LOCK (DESIGN AND CONSTRUCTION DETAILS SUBJECT TO ARCHITECT'S APPROVAL)
- MAX. 6000 CLEAR WIDTH GANTRY
- ROOF LINE OF GANTRY ABOVE
- ROOF LINE OF COVERED WALKWAY ABOVE
- UNIVERSAL POST AT 2400mm c/c

SCALE: 1:100

DRAWING NO.: 9711_H1H02

DATE: MARCH 2011

CAD REF.: 9711_h1_02(02_11).dwg -- 1:100
1:100

MAX. 6000 CLEAR WIDTH GANTRY

2400 c/c 2400 c/c

G.M.S. SLIDING & FOLDING GATE
W/ MESH DOOR PANEL AND HASP & STAPLE FOR PAD LOCK
(DESIGN AND CONSTRUCTION DETAILS SUBJECT TO ARCHITECT'S APPROVAL)

250x800mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS
ADJACENT TO THE GANTRY ONLY

1100mm HIGH BARRIER CONSTRUCTED IN 6mm TH. M.S. PLATE WELDED TO
CHANNEL RAILS

HEAVY DUTY RUNNING GEAR
SET MOUNTED ON REAR
UNIVERSAL BEAM RUNWAY

UNIVERSAL POST
M.S. ANGLE BRACE

BUILDING PAPER
BOLTS INSIDE

FRONT UNIVERSAL BEAM
R.H.S. HANGER
FOR GATE

CONSTRUCTION DETAILS
ARCHITECT'S APPROVAL

LINE OF GROUND

BUILDING PAPER
HOARDING PANEL
(REFER ELEVATION SHOWN
ON DWG. NO. 9711/H1/A08)

250x750mm HIGH SURFACE-MOUNTED
CONC. FOOTING
M.S. ANGLE RUNNERS BEHIND
HOARDING PANEL

FRONT ELEVATION
COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM

1:10

3 DETAIL
(H1/A05) 1:10

4 DETAIL
(H1/A05) 1:10

1 DETAIL
(H1/A05) 1:10

5 DETAIL
(H1/A05) 1:10

6 DETAIL
(H1/A05) 1:10

CAD Ref. - 9711_h1_05(02_11).dwg--1:10
3 DETAIL (ALSO APPLICABLE TO 250X750mm SURFACE-MOUNTED CONC. FOOTING)
7200 c/c (EVERY 3 BAYS INTERVAL)

LOGO PANEL
750 APPROX

0.75mm TH. G.S. SHEET CONTINUOUS CAPPING
M.S. ANGLE RUNNERS BEHIND HOARDING PANEL

OTHER LOGO TO BE INSTALLED
AT ALTERNATE BAYS, IF APPLICABLE
(SUBJECT TO THE ARCHITECT'S APPROVAL)

ArchSD LOGO COLOURED RED (BS5252: 04 E 53)
0.5mm TH. PRESSED STEEL SHEET LOGO PANEL
COLOURED WHITE, FIXED ONTO HOARDING PANEL
WITH S.S. SELF-TAPPING SCREWS (SUBJECT TO
ARCHITECT'S APPROVAL)

0.5mm TH. CORRUGATED STEEL
SHEET HOARDING PANEL COLOURED
MID-GREY (BS5252: 10 A 07)

EXTERNAL ELEVATION OF HOARDING PANEL 1:50

WIDTH OF PANEL

2400

0.75mm TH. G.S. SHEET
CONTINUOUS CAPPING

0.5mm TH. CORRUGATED
STEEL SHEET HOARDING PANEL

0.75mm TH. G.S.
CONTINUOUS TOE SHEET
(FOR SLOPE SITE ONLY)

EXTERNAL ELEVATION OF
HOARDING PANEL ON SLOPE 1:50

SECTION A-A 1:5

CORRUGATED STEEL SHEET
HOARDING PANEL
M.S. ANGLE RUNNER
UNIVERSAL POST

GRID LINES TO BE
REMOVED AFTER
SETTING OUT OF
ArchSD LOGO

COLOURED RED
(BS5252: 04 E 53)

COLOURED WHITE

PLAN OF HOARDING PANEL AT CORNER 1:20

SETTING OUT OF ArchSD LOGO 1:10

ARCHITECTURAL SERVICES DEPARTMENT

Title
TYPE H1 HOARDING

Covered Walkway with
Double Deck Catch Platform
(Surface-Mounted Footing)
Construction Details 4

Checked by
CA/ASC T.S.K. TAM
Date 26-2-11
Approved by
AD(PS) S.W. FONG
Date 1 MAR 2011

Scale
as shown

Drawing No.
9711/H1/A08

480 (8 UNITS)

600 (10 UNITS)

1U

60°
40x40mm WEEP HOLE AT 800mm c/c

CATCH PLATFORM

L2

EXISTING PAVEMENT

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

SITE BOUNDARY

EXISTING EDGE OF PAVEMENT

EXTENSION OF PAVEMENT

TEMPORARY EDGE OF PAVEMENT

1100 MIN.

COVERED WALKWAY

500 MIN.

UNIVERSAL POST

50

THE AFFECTED TRAFFIC LANE SHOULD BE MAINTAINED AT A MIN. WIDTH OF 2800mm WHILE THE CARRIAGeway SHOULD BE MAINTAINED AT A MIN. WIDTH OF 5500mm

 temporary raised floor constructed in grade 20/20 mass conc. and to be levelled with the existing pavement

CARRIageway

Typical Section

Type H1 HOARDING

Covered Walkway with Double Deck Catch Platform (Surface-mounted footing) Sited on Carriageway/Narrow Pavement

Scale 1:50

Drawing No. 9711/H1/A09

Checked by CA/ASC T.S.K. TAM Date 28.2.11

Approved by AD(PS) S.W. Fong Date 1 MAR 2011
STEEL MEMBER SCHEDULE

<table>
<thead>
<tr>
<th>MEMBER MARK</th>
<th>MEMBER SIZE</th>
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<tbody>
<tr>
<td>C1</td>
<td>152 x 152 x 23 UC</td>
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<tr>
<td>B1</td>
<td>152 x 89 x 16 UB</td>
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<tr>
<td>B2</td>
<td>305 x 102 x 28 UB</td>
</tr>
<tr>
<td>B3</td>
<td>127 x 76 x 13 UB</td>
</tr>
<tr>
<td>B4, B6, P1</td>
<td>127 x 64 x 14.9 CHANNEL</td>
</tr>
<tr>
<td>B5</td>
<td>102 x 51 x 10.42 CHANNEL</td>
</tr>
<tr>
<td>B7</td>
<td>50 x 50 x 8 ANGLE</td>
</tr>
<tr>
<td>B8</td>
<td>70 x 70 x 6 ANGLE</td>
</tr>
</tbody>
</table>

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL. 15.61 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF ALKYD RESIN BASE.
6. THE COLUMN CENTRES, L1, SHOULD BE 1350mm ≤ L1 ≤ 1850mm.

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNAP APP-102 ISSUED BY BD.
SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.
DETAIL 'A' (H1/S04)

DETAIL 'B' (H1/S04) (TYPICAL SECTION OF COVERED WALKWAY)

250 x 800 DEEP SURFACE-MOUNTED FOOTING

NOTES:
1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
2. TO BE USED WHEN PAVEMENT IS CONSTRUCTED WITH CONCRETE, CONCRETE PAVER BLOCK OR TARMAC. CONSULT PSE FOR OTHER SURFACE CONDITIONS ON ITS APPLICABILITY.

DETAIL 'B1'

(FOOTING NOT SHOWN FOR CLARITY)

ARCHITECTURAL SERVICES DEPARTMENT

TYPE H1 HOARDING - COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING) STRUCTURAL DETAILS 2

Checked by: CSE/3 S.C. KWAN

Date: 24/1/11

Approved by: AD(SE) W.W. LI

Date: 25/1/11

Scale: 1:50

9711/H1/S02

Drawing No.
NOTES:

1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
GENERAL NOTES FOR CONSTRUCTION OF TYPE H2 HOARDINGS AND COVERED WALKWAYS INCLUDING ASSOCIATED GANTRIES AND CATCH PLATFORMS

1. THE ARCHITECT SHALL ENSURE THAT THE CONSTRUCTION OF HOARDINGS AND COVERED WALKWAYS SHALL COMPLY WITH THE REQUIREMENTS STIPULATED IN THE CURRENTLY ENFORCED BUILDINGS ORDINANCE/ BUILDING REGULATIONS, AND THE RELEVANT CODES OF PRACTICE AND PNAPs ISSUED BY THE BUILDINGS DEPARTMENT.

2. THE STANDARD DRAWINGS ARE ONLY APPLICABLE FOR HOARDINGS/COVERED WALKWAYS WITH WIDTH OF COVERED WALKWAY (L1)* MEASURED BETWEEN COLUMN CENTRES IN THE RANGE: 1850mm ≤ L1 ≤ 3000mm. FOR THE WIDTH (L1) IN THE RANGE: 1350mm ≤ L1 < 1850mm, PLEASE REFER TYPE H1 HOARDING.

FOR THE WIDTH (L1) OUTSIDE THE RANGE OF 1350mm AND 3000mm, THE ADEQUACY OF THE STRUCTURAL PROVISION SHALL BE JUSTIFIED WITH STRUCTURAL CALCULATION.


3. THE MINIMUM CLEAR WIDTH (W1) OF HOARDING/COVERED WALKWAY SITED ON A CARRIAGeway OR FOOTPATH SHALL BE PROVIDED IN ACCORDANCE WITH PNAP APP-23. WHEN THE WIDTH (W1) IS LESS THAN THE MINIMUM WIDTH AS STIPULATED UNDER PNAP APP-23, APPROVAL/AGREEMENT FROM HIGHWAYS DEPARTMENT AND OTHER RELEVANT AUTHORITIES SHALL BE OBTAINED BEFORE THE CONSTRUCTION.

4. FOR DEMOLITION WORKS, THE MAXIMUM PERMITTED WORKING SPACE BETWEEN THE HOARDING/Covered WALKWAY AND THE SITE BOUNDARY (L2) SHALL NOT BE GREATER THAN 500mm IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS. FOR OTHER WORKS, THE WORKING SPACE (L2) SHALL NOT BE GREATER THAN 300mm IN ACCORDANCE WITH PNAP APP-23.

5. THE MINIMUM WIDTH OF CATCH PLATFORM (W2) FOR DEMOLITION WORKS SHALL BE PROVIDED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR DEMOLITION OF BUILDINGS.

6. A TEMPORARY LIGHTING SYSTEM SHALL BE PROVIDED FOR ALL COVERED WALKWAYS OF BUILDING SITES AND BE MAINTAINED IN GOOD ORDER IN ACCORDANCE WITH PNAP APP-23.

7. THE EXPOSED FACES OF THE CONCRETE PLINTH SHALL BE OF SMOOTH SURFACE AND ANY EXPOSED EDGES AND CORNERS SHALL BE CHAMFERED.

8. THE ARCHITECT SHALL, IN CONJUNCTION WITH THE PROJECT MANAGER, ASSESS THE NEED FOR HOARDING WITH SPECIAL DESIGN. PLEASE REFER TO THE "GUIDELINES FOR ENHANCEMENT OF HOARDING DESIGN FOR CONSTRUCTION SITES" IN ANNEX 3.A.18 OF THE PROJECT ADMINISTRATION HANDBOOK.

9. ALL METALWORK REFERRED IN THE DRAWINGS SHALL COMPLY WITH SECTION 17 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

10. ALL CORRUGATED STEEL SHEET PANELS, CAPPINGS AND TOE SHEETS SHALL BE OF GALVANIZED STEEL WITH COATING IN ACCORDANCE WITH SECTION 21 OF THE GENERAL SPECIFICATION FOR BUILDING 2017 EDITION PUBLISHED BY THE ARCHITECTURAL SERVICES DEPARTMENT OR THEREAFTER.

11. ALL EXPOSED SURFACES OF METALWORK SHALL BE PAINTED IN MID GREY COLOUR (BS5252: 10 A 07) UNLESS STATED OTHERWISE.

12. THE JOINTS/GAPS AT THE DECK OF THE COVERED WALKWAY/GANTRY SHALL BE PROPERLY SEALED WITH SEALANT OR TAPE AND BE MAINTAINED IN GOOD REPAIR TO AVOID GENERATION OF PUBLIC NUISANCE INCLUDING WATER DRIPPING.

13. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS NO. 9711/H2/A02 TO A08 AND STRUCTURAL DRAWINGS NO. 9711/H2/S01 TO S05.

14. ALL DIMENSIONS SHOWN IN THE ARCHITECTURAL DRAWINGS NO. 9711/H2/A02 TO A08 ARE STRUCTURAL MEASUREMENT IN MILLIMETERS UNLESS STATED OTHERWISE.

15. THE ARCHITECT SHALL APPROACH ALL RELEVANT GOVERNMENT DEPARTMENTS SUCH AS THE HIGHWAYS DEPARTMENT AND TRANSPORT DEPARTMENT TO OBTAIN THEIR COMMENTS AND/OR APPROVALS ON THE HOARDING PROPOSAL BEFORE THE CONSTRUCTION.

<table>
<thead>
<tr>
<th>ARCHITECTURAL SERVICES DEPARTMENT</th>
<th>Title</th>
<th>COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING) GENERAL NOTES</th>
<th>Scale</th>
<th>Drawing No.</th>
</tr>
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<tr>
<td>Checked by CA/ASC W.H. LEE</td>
<td>Type H2 Hoarding</td>
<td>NIL</td>
<td>9711/H2/A01</td>
<td>11.4.2018</td>
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<td>Approved by AD(PS) C.K. HUI</td>
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</table>
PLAN

CHANNEL PURLINS AT APPROX. 300mm c/c

6mm TH. M.S. PLATE WELDED TO CHANNEL PURLINS

DECK OF COVERED WALKWAY

DECK OF GANTRY

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

250x800mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY

G.M.S. SLIDING & FOLDING GATE W/ MESH DOOR PANEL AND HASP & STAPLE FOR PAD LOCK (DESIGN AND CONSTRUCTION DETAILS SUBJECT TO ARCHITECT’S APPROVAL)

SECTIONAL PLAN

2400 c/c

MAX. 6000 CLEAR WIDTH GANTRY

2400 c/c

ROOF LINE OF GANTRY ABOVE

ROOF LINE OF COVERED WALKWAY ABOVE

UNIVERSAL POST AT 2400mm c/c
FOR DEMOLITION WORKS
W2 > 2000mm - SET BACK(S)

HEAVY DUTY RUNNING GEAR SET MOUNTED ON REAR UNIVERSAL BEAM RUNWAY

EXISTING BUILDING TO BE DEMOLISHED (IF APPLICABLE)

40x40mm WEEP HOLE AT 800mm c/c

S=SET BACK

CATCH PLATFORM

S=SET BACK

W2

40x40mm WEEP HOLE AT 800mm c/c

CATCH PLATFORM

200

UNIVERSAL POST

HOARDING PANEL

(REFER ELEVATION SHOWN ON DWG. NO.9711/H2/A08)

250x800mm HIGH SURFACE-MOUNTED CONC. FOOTING AT THE FIRST TWO BAYS ADJACENT TO THE GANTRY ONLY

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

CARRIAGEWAY

BUILDING PAPER

SECTION B-B

SECTION A-A

CAD Ref. - 9711_h2_04(02_11).dwg -- 1:50
0.75mm TH. G.S. SHEET CONTINUOUS CAPPING

8mm G.S. BOLT W/ NUT & WASHERS

50x50x50mm LONG M.S. ANGLE CLEAT W/ 8x25mm LONG HORIZONTAL SLOT FOR BOLT & NUT FIXING WELDED TO UNIVERSAL POST

50x50x8mm M.S. ANGLE RUNNER W/ 6mm S.S. SELF-TAPPING SCREW AT 600mm c/c W/ 2mm TH. NEOPRENE WASHER

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL

UNIVERSAL POST CAST INTO SURFACE-MOUNTED CONC. FOOTING

250x750mm HIGH SURFACE-MOUNTED CONC. FOOTING

250x800mm HIGH SURFACE-MOUNTED CONC. FOOTING

0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL BOLTED TO SURFACE-MOUNTED CONC. FOOTING W/ 6mm EXPANSION BOLT AT 600mm c/c

LINE OF GROUND

BUILDING PAPER

CAD Ref. - 9711_h2_06(02_11).dwg -- 1:10
3 DETAIL
H2/A07  1 : 10
(ALKS APPLICABLE TO 250X750mm SURFACE-MOUNTED CONC. FOOTING)

2 DETAIL
H2/A07  1 : 10

1 DETAIL
H2/A07  1 : 20

ARCHITECTURAL SERVICES DEPARTMENT

Title
TYPE H2 HOARDING

COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING)
CONSTRUCTION DETAILS 3

Scale
as shown

Drawing No.
9711/H2/A07

Checked by
CA/ASC T.S.K. TAM

Date
23-2-11

Approved by
AD(PS) S.W. FONG

Date
1 MAR 2011
7200 c/c (EVERY 3 BAYS INTERVAL)

LOGO PANEL 750 APPROX

0.75mm TH. G.S. SHEET CONTINUOUS CAPPING
M.S. ANGLE RUNNERS BEHIND HOARDING PANEL

OTHER LOGO TO BE INSTALLED AT ALTERNATE BAYS, IF APPLICABLE (SUBJECT TO THE ARCHITECT’S APPROVAL)

ArchSD LOGO COLOURED RED (BS5292: 04 E 53)
0.5mm TH. PRESS SHEET LOGO PANEL
COLOURED WHITE, FIXED ONTO HOARDING PANEL WITH S.S. SELF-TAPPING SCREWS (SUBJECT TO
ARCHITECT’S APPROVAL)
0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL COLOURED MID-GREY (BS5292: 10 A 07)

EXTERNAL ELEVATION OF HOARDING PANEL 1:50

WIDTH OF PANEL

0.75mm TH. G.S. SHEET CONTINUOUS CAPPING
0.5mm TH. CORRUGATED STEEL SHEET HOARDING PANEL
0.75mm TH. G.S. CONTINUOUS TOE SHEET (FOR SLOPE SITE ONLY)
LINE OF GROUND

EXTERNAL ELEVATION OF HOARDING PANEL ON SLOPE 1:50

CORRUGATED STEEL SHEET HOARDING PANEL
M.S. ANGLE RUNNER
UNIVERSAL POST

PLAN OF HOARDING PANEL AT CORNER 1:20

GRID LINES TO BE REMOVED AFTER SETTING OUT OF ArchSD LOGO

COLOURED RED (BS5292: 04 E 53)

COLOURED WHITE

SETTING OUT OF ArchSD LOGO 1:10

ARCHITECTURAL SERVICES DEPARTMENT
Title TYPE H2 HOARDING

COVERED WALKWAY WITH SINGLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING) CONSTRUCTION DETAILS

Check by CA/ASC T.S.K. TAM Date 23/2/11
Approved by AD(PS) S.W. FONG Date 1 MAR 2011

Drawing No. 9711/H2/A08

Scale as shown"
TOP PLAN OF GANTRY AND COVERED WALKWAY

NOTES:
1. ALL WELDING TO BE 6mm F.W. ALL ROUND IN ACCORDANCE WITH BS EN 1011-1 UNLESS OTHERWISE STATED.
2. ALL BOLTS TO BE GRADE 4.6 BLACK BOLTS TO BS 4190.
3. ALL STRUCTURAL SECTIONS SHALL BE WELDABLE STRUCTURAL STEEL OF GRADE S275 UNLESS OTHERWISE SPECIFIED.
4. THE DETAILS OF GANTRY MAY BE MODIFIED BY PROJECT OFFICER TO SUIT ACTUAL SITE CONDITIONS.
5. ALL STEEL WORKS SHALL BE MANUALLY CLEANED TO GS CL. 15.61 (i), PRIMED WITH ONE COAT OF OIL BASED ZINC PHOSPHATE PRIMER AND FINISHED WITH TWO FINISHING COATS OF SYNTHETIC PAINT OF AKYD RESIN BASE.
6. THE COLUMN CENTRES, L1, SHOULD BE 1850mm ≤ L1 ≤ 3000mm.

THE SKETCHES ARE PREPARED TO MEET THE GENERAL REQUIREMENTS AS SPECIFIED IN PNAP APP-102 ISSUED BY BD.

SIZES OF FOOTINGS MAY BE MODIFIED BY PSE TO SUIT ACTUAL SITE CONDITIONS.

STEEL MEMBER SCHEDULE

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<thead>
<tr>
<th>MEMBER MARK</th>
<th>MEMBER SIZE</th>
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<tbody>
<tr>
<td>C1</td>
<td>152 x 152 x 23 UC</td>
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<tr>
<td>B1</td>
<td>152 x 89 x 16 UB</td>
</tr>
<tr>
<td>B2</td>
<td>305 x 102 x 28 UB</td>
</tr>
<tr>
<td>B3</td>
<td>127 x 76 x 13 UB</td>
</tr>
<tr>
<td>B4, B6, P1</td>
<td>127 x 64 x 14.9 CHANNEL</td>
</tr>
<tr>
<td>B5</td>
<td>102 x 51 x 10.42 CHANNEL</td>
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<tr>
<td>B7</td>
<td>50 x 50 x 8 ANGLE</td>
</tr>
<tr>
<td>B8</td>
<td>70 x 70 x 6 ANGLE</td>
</tr>
</tbody>
</table>
**TYPICAL SECTION OF COVERED WALKWAY**

**NOTES:**

1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.
2. TO BE USED WHEN PAVEMENT IS CONSTRUCTED WITH CONCRETE, CONCRETE PAVER BLOCK OR TARMAC. CONSULT PSE FOR OTHER SURFACE CONDITIONS ON ITS APPLICABILITY.

**DETAIL 'A' (H2/S04)**

- 6mm THICK M.S. PLATE WELDED TO CHANNEL AND ROOF PLATE BY 6mm INTERMITTENT FILLET WELD (50mm LONG AT 400mm CLEAR SPACING)
- COLUMN CENTRE (L1) VARIIES

**DETAIL 'B' (H2/S04)**

- COLUMN CENTRE (L1) VARIIES

**DETAIL 'C' (H2/S05)**

- COLUMN CENTRE (SEE ARCH. DWGS.) VARIIES

**DETAIL 'H' (H2/S05)**

- COLUMN CENTRE (SEE ARCH. DWGS.) VARIIES
COVERED WALKWAY WITH DOUBLE DECK CATCH PLATFORM (SURFACE-MOUNTED FOOTING) STRUCTURAL DETAILS 3

NOTES:

1. ALL FOOTINGS TO BE GRADE 20/20 MASS CONCRETE.