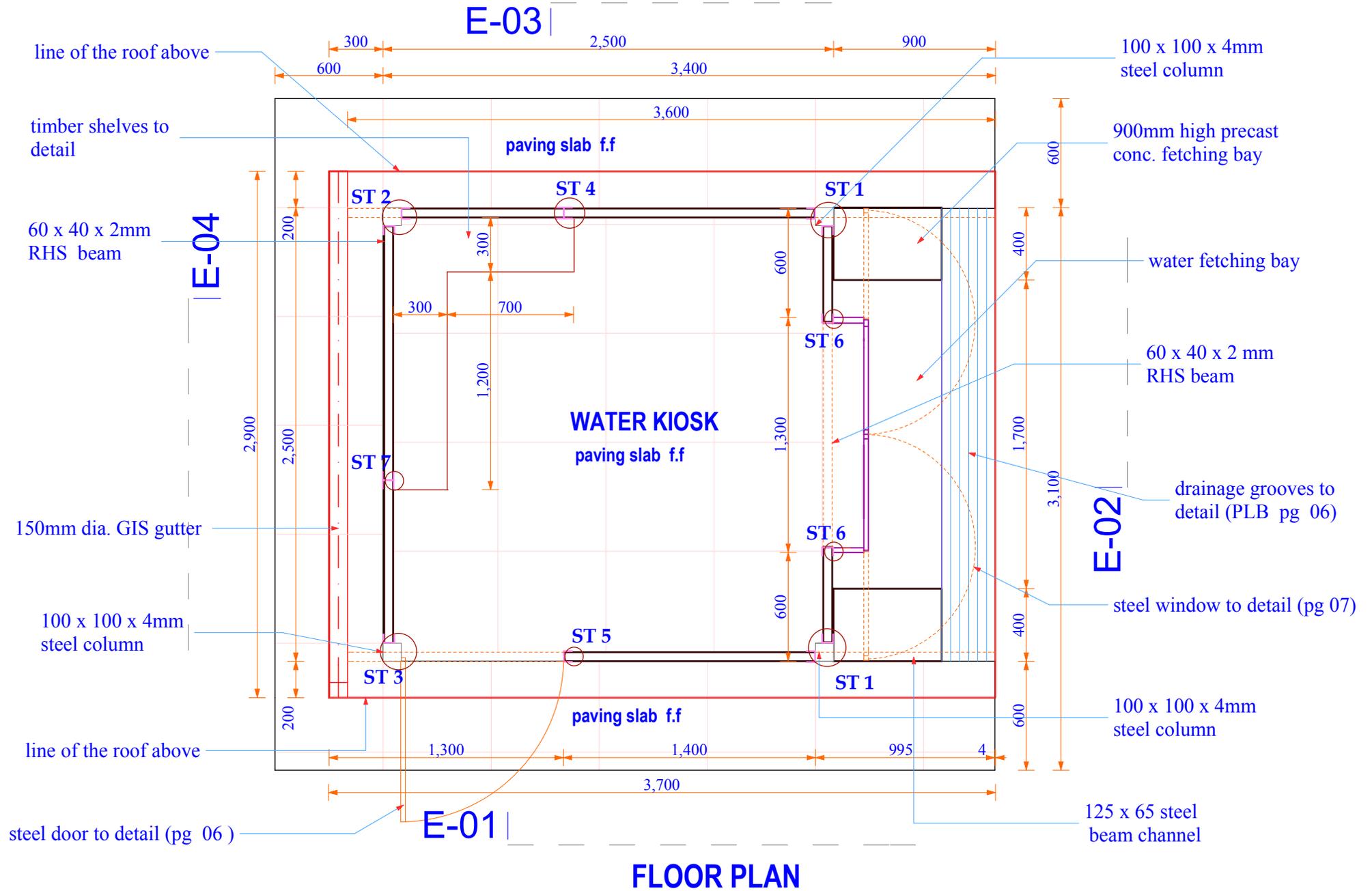


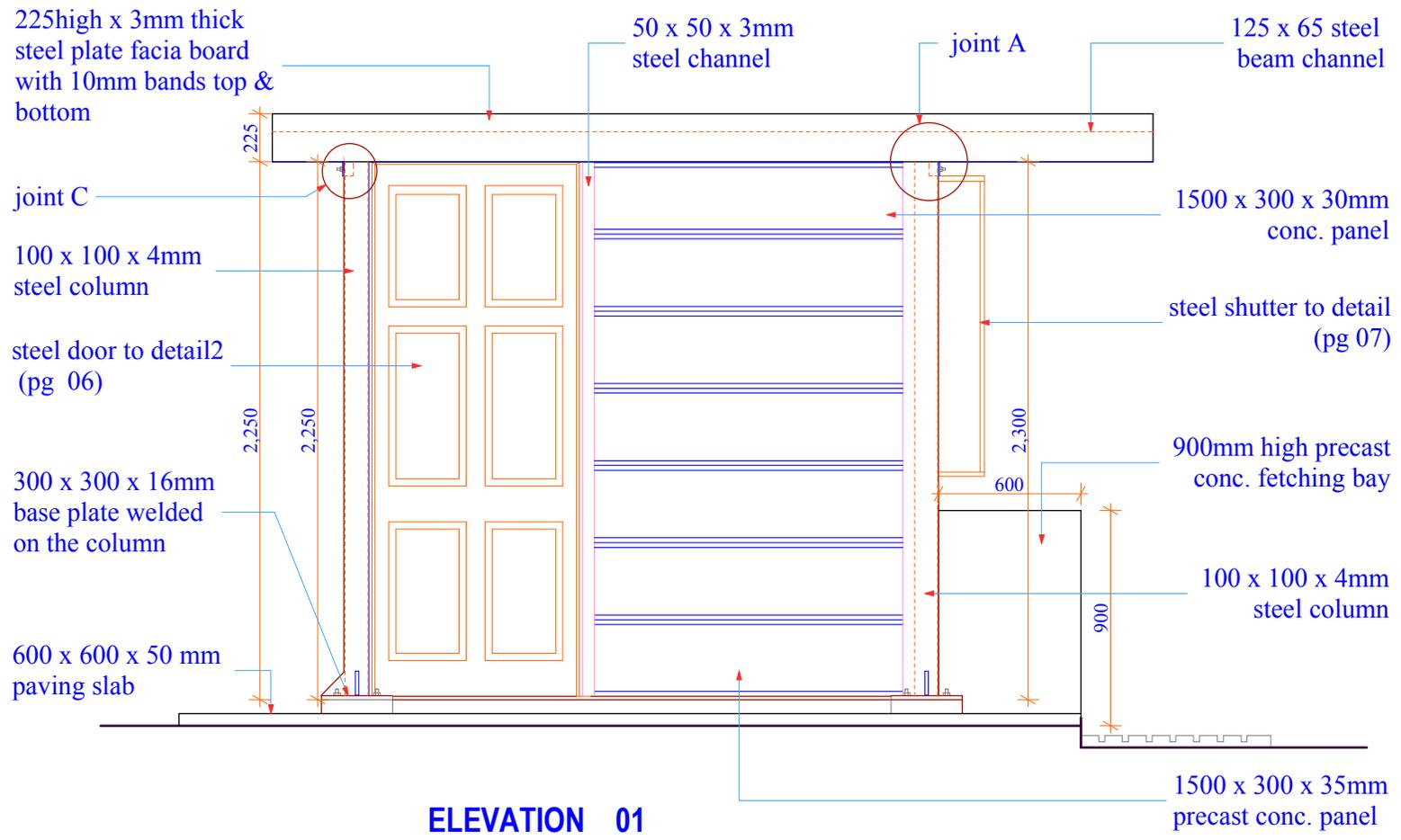
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| 6 | Door detail | arc - 06 | 06 |
| 7 | Steel Window Detail | arc - 07 | 07 |
| 8 | Door /window Hinges Detail | arc - 08 | 08 |



| | | | | | | | | |
|--|---|---------------------------|---------------------------|-------------------------------------|---|--------------------------------|---|--|
| Project Title: WATER KIOSK (Type Closed) PREFABRICATED | Client: WATER SERVICES TRUST FUND (WSTF) | drq title: PLAN | drq no.: ARC 01 | Consultant: Edward Kung'u | Designed By Faith Mwangi Eden Mati | Checked By John Orwa | Approved by CEO - Water Services Trust Fund Signature..... | Scale 1 : 20 Date: November 2008 page 01 |
|--|---|---------------------------|---------------------------|-------------------------------------|---|--------------------------------|---|--|



| | | | | | | | | |
|--|---|--------------------------------|---------------------------|-------------------------------------|---|--------------------------------|---|--|
| Project Title: WATER KIOSK (Type Closed) PREFABRICATED | Client: WATER SERVICES TRUST FUND (WSTF) | drq title: ELEVATION | drq no.: ARC 02 | Consultant: Edward Kung'u | Designed By Faith Mwangi Eden Mati | Checked By John Orwa | Approved by CEO - Water Services Trust Fund Signature..... | Scale 1 : 20 Date: November 2008 page 02 |
|--|---|--------------------------------|---------------------------|-------------------------------------|---|--------------------------------|---|--|

225high x 3mm thick
steel plate facia board
with 10mm bands top &
bottom

60 x 40 x 2mm RHS beam

Joint B

steel shutter to detail
(pg 07)

50 x 50 x 3mm
steel channel

100 x 100 x 4mm
steel column

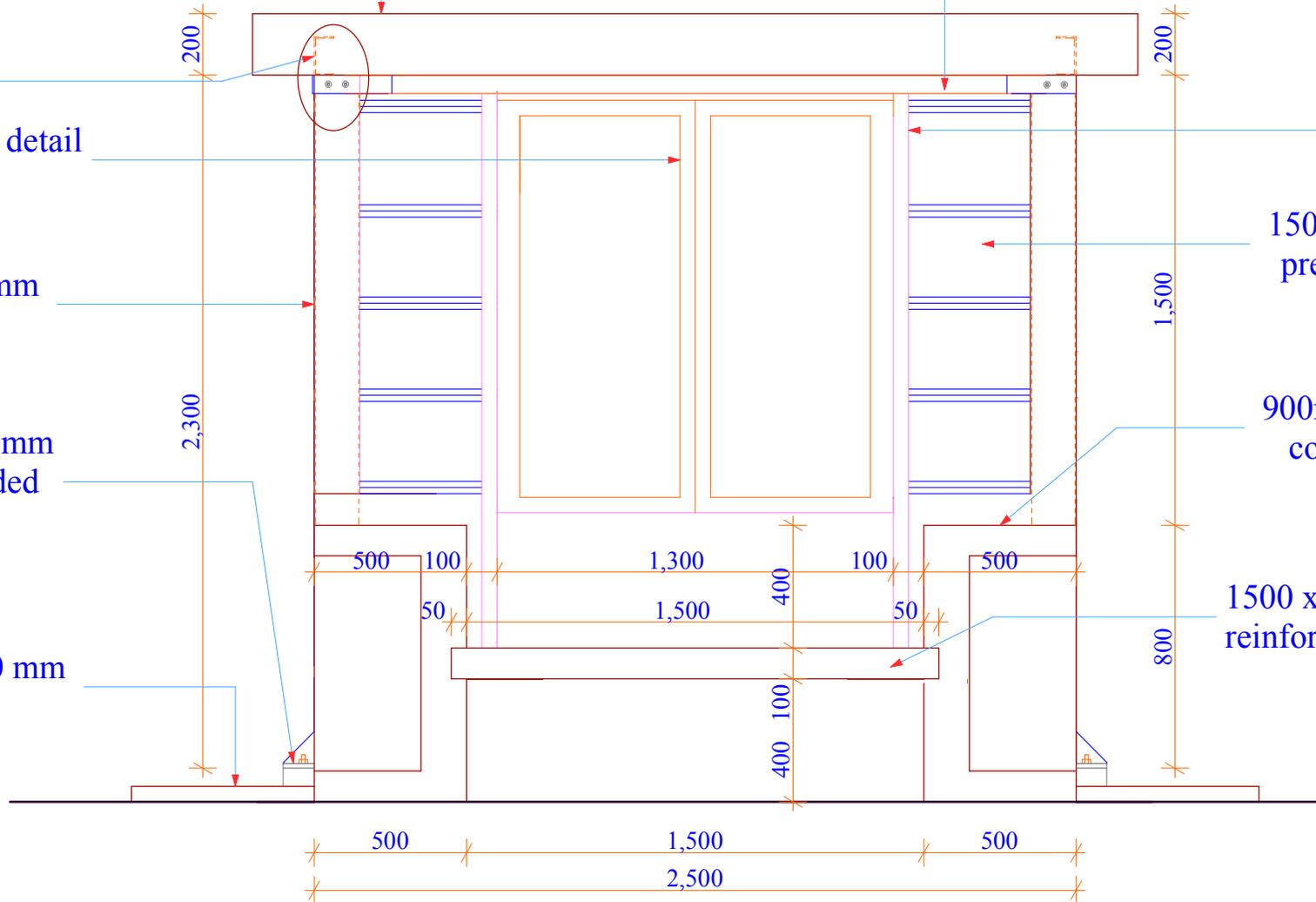
1500 x 300 x 35mm
precast conc. panel

300 x 300 x 16mm
base plate welded
on the column

900mm high precast
conc. fetching bay

600 x 600 x 50 mm
paving slab

1500 x 600 x 100mm
reinforced conc. panel



ELEVATION 02

Project Title:

WATER KIOSK
(Type Closed)
PREFABRICATED

Client:

WATER SERVICES
TRUST FUND (WSTF)

drq title:

ELEVATION

drq no:

ARC 03

Consultant:

Edward Kung'u

Designed By

Faith Mwangi
Eden Mati

Checked By

John Orwa

Approved by

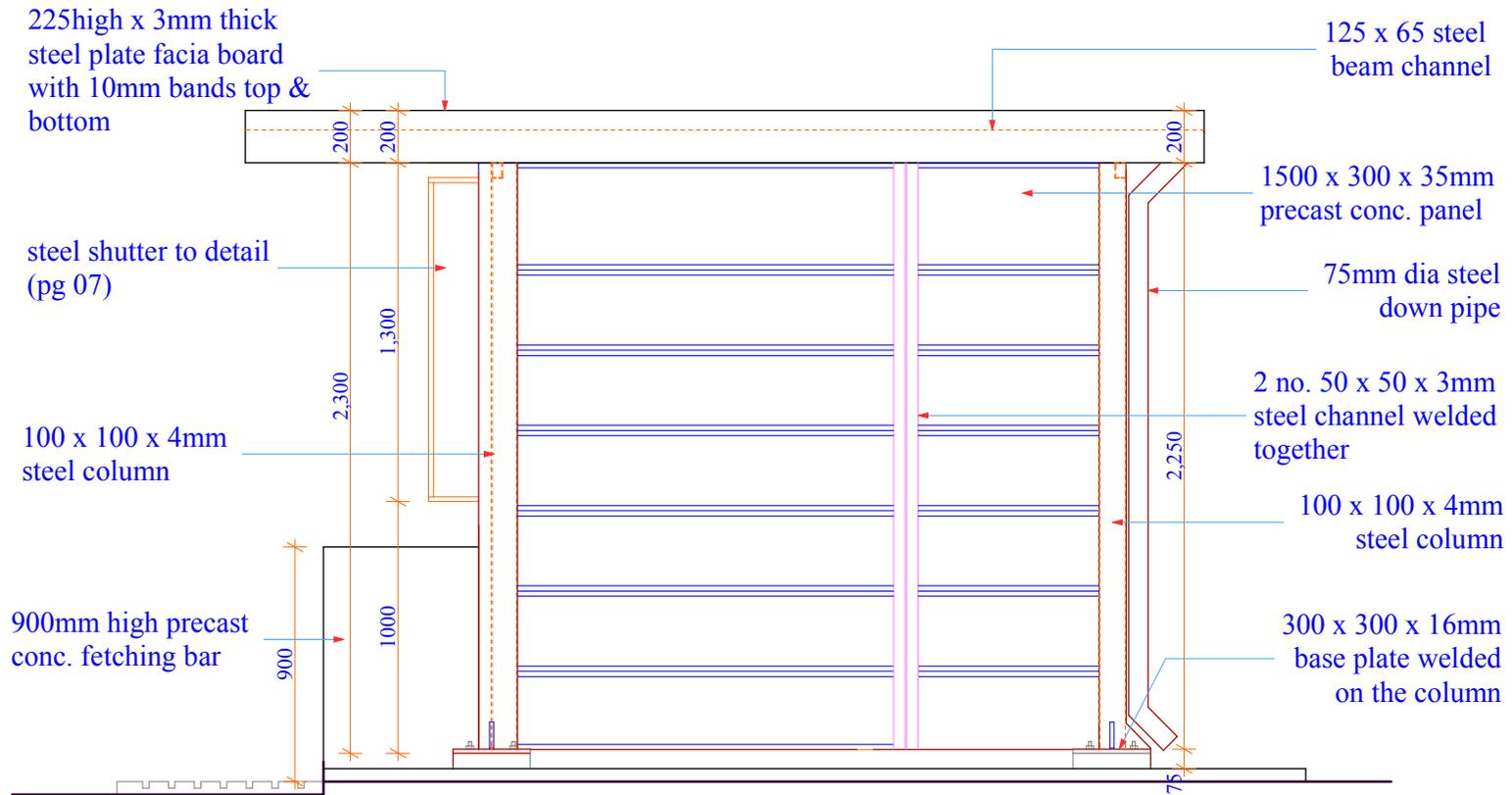
CEO - Water Services Trust Fund

Signature.....

Scale 1 : 20

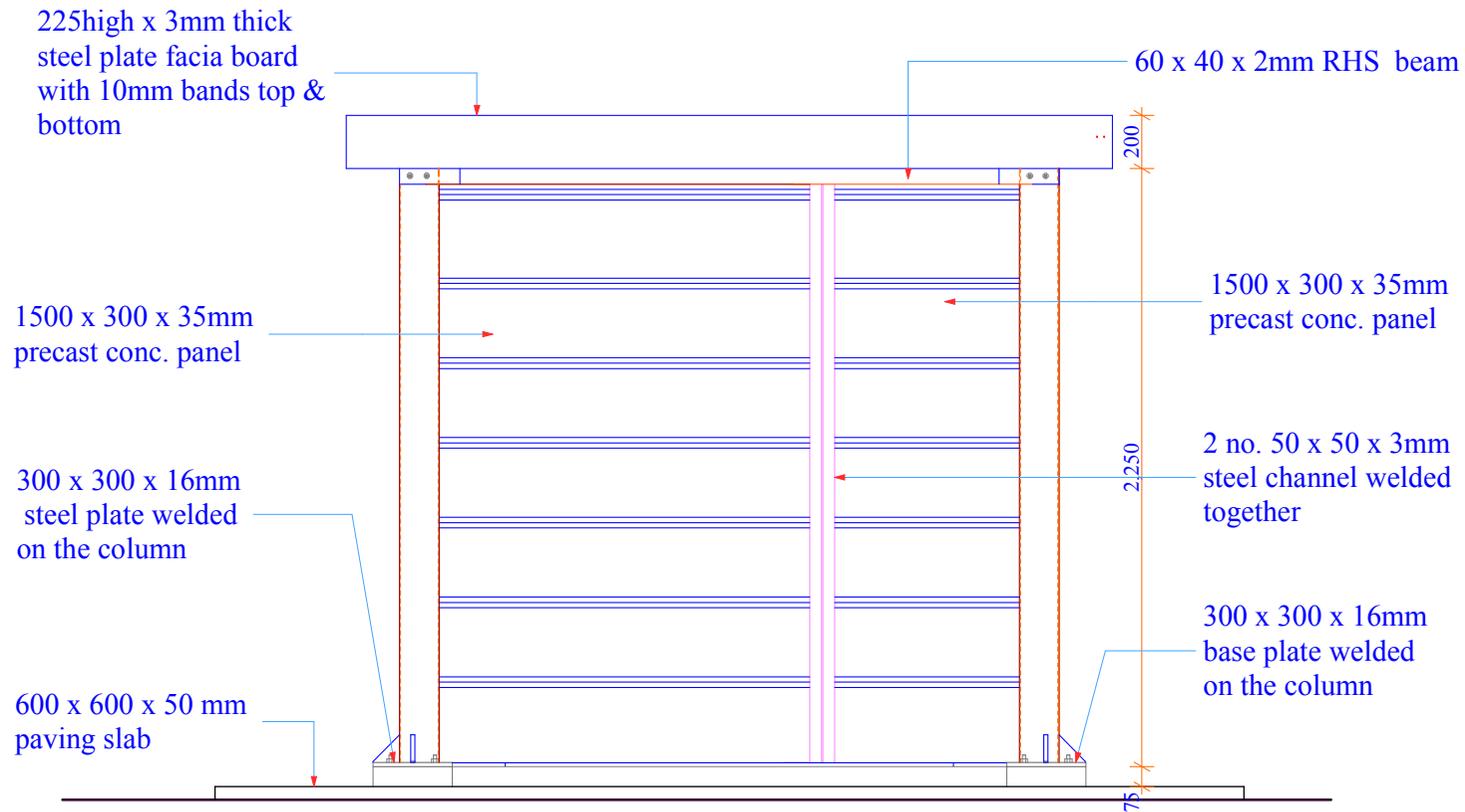
Date: November 2008

page 03



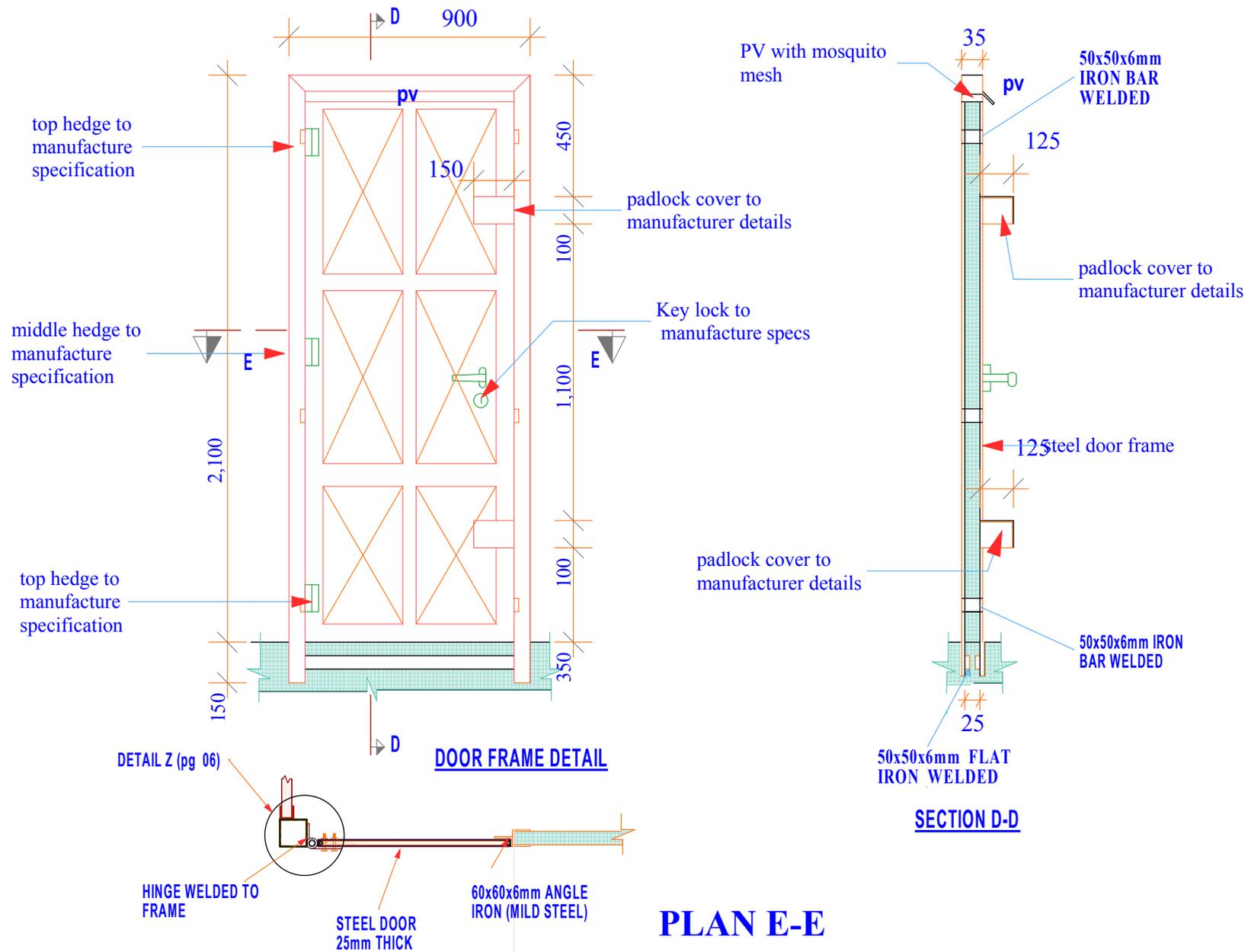
ELEVATION 03

| | | | | | | | | |
|--|--|--|----------------------------------|---|--|--|--|---|
| <p><u>Project Title:</u> WATER KIOSK (Type Closed) PREFABRICATED</p> | <p><u>Client:</u> WATER SERVICES TRUST FUND (WSTF)</p> | <p><u>drq title:</u> ELEVATION</p> | <p><u>drq no:</u> ARC 04</p> | <p><u>Consultant:</u> Edward Kung'u</p> | <p><u>Designed By</u> Faith Mwangi Eden Mati</p> | <p><u>Checked By</u> John Orwa</p> | <p><u>Approved by</u> CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 20 Date: November 2008 page 04</p> |
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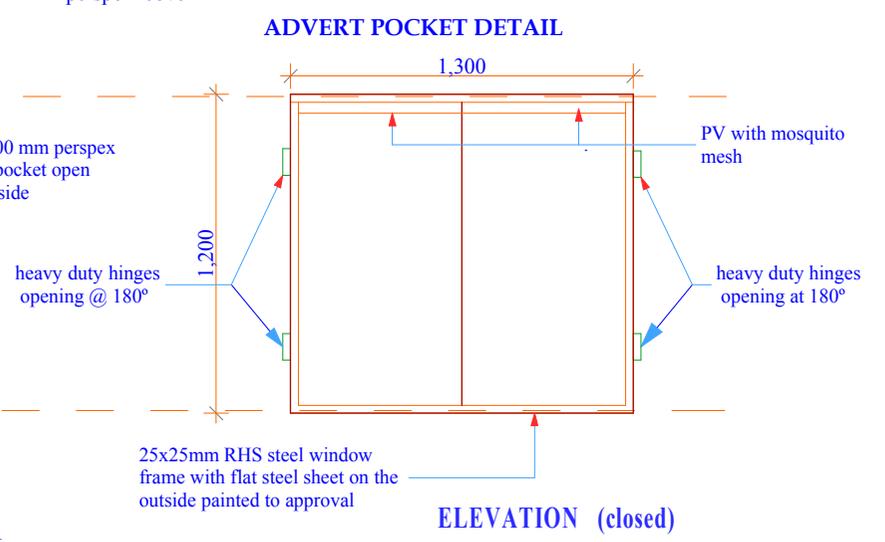
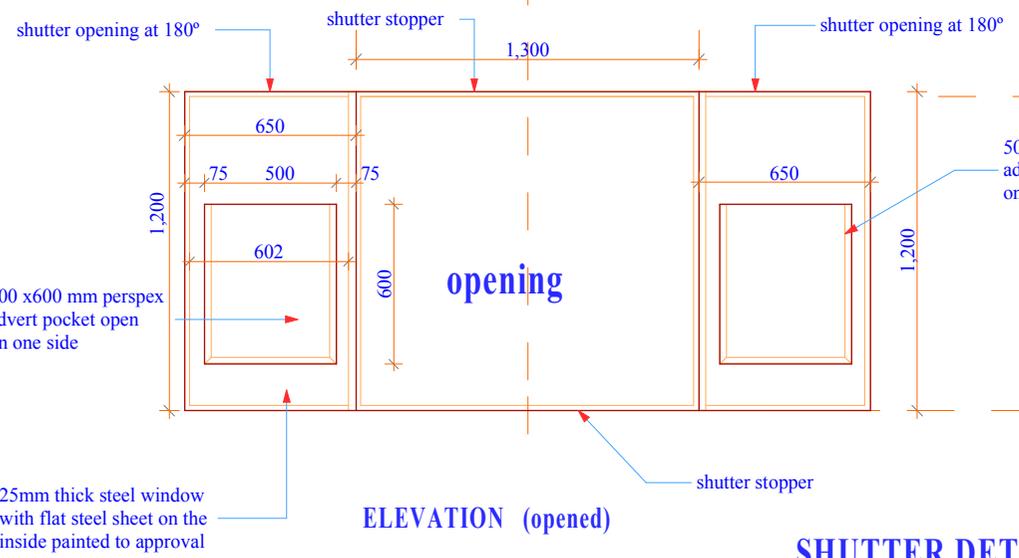
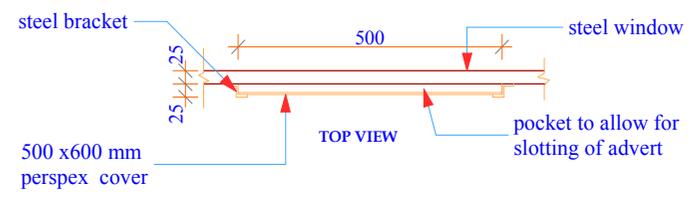
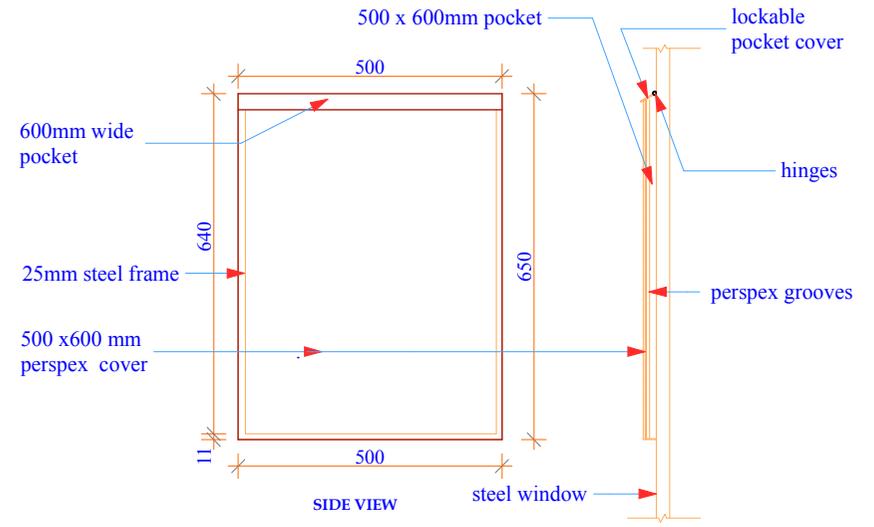
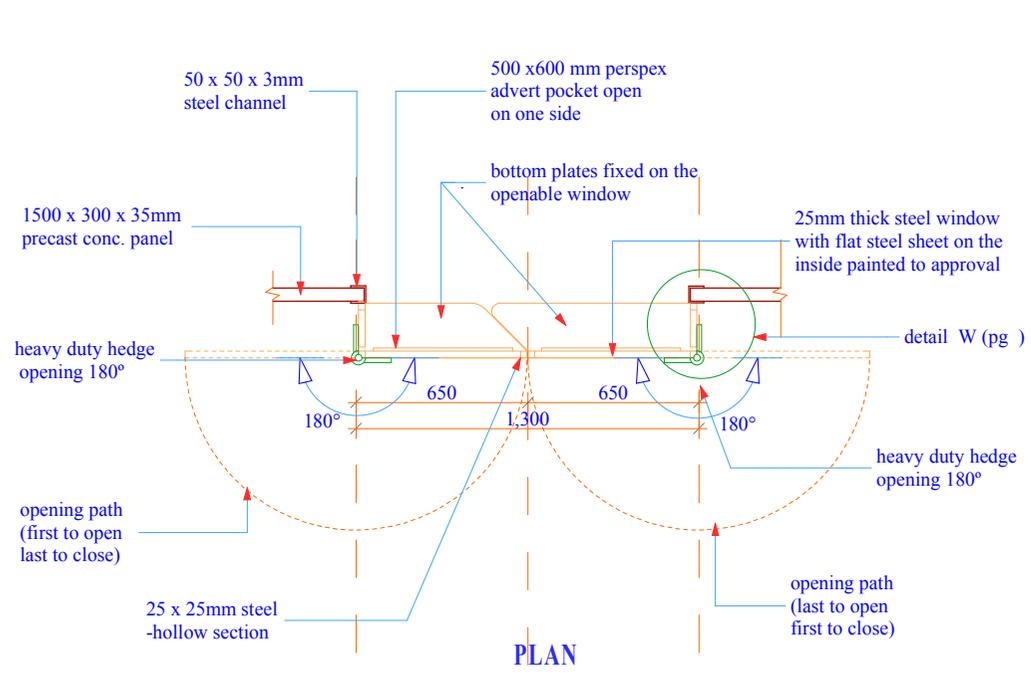


ELEVATION 04

| | | | | | | | | |
|--|--|--|----------------------------------|---|--|--|--|---|
| <p><u>Project Title:</u> WATER KIOSK (Type Closed) PREFABRICATED</p> | <p><u>Client:</u> WATER SERVICES TRUST FUND (WSTF)</p> | <p><u>drq title:</u> ELEVATION</p> | <p><u>drq no:</u> ARC 05</p> | <p><u>Consultant:</u> Edward Kung'u</p> | <p><u>Designed By</u> Faith Mwangi Eden Mati</p> | <p><u>Checked By</u> John Orwa</p> | <p><u>Approved by</u> CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 20 Date: November 2008 page 05</p> |
|--|--|--|----------------------------------|---|--|--|--|---|

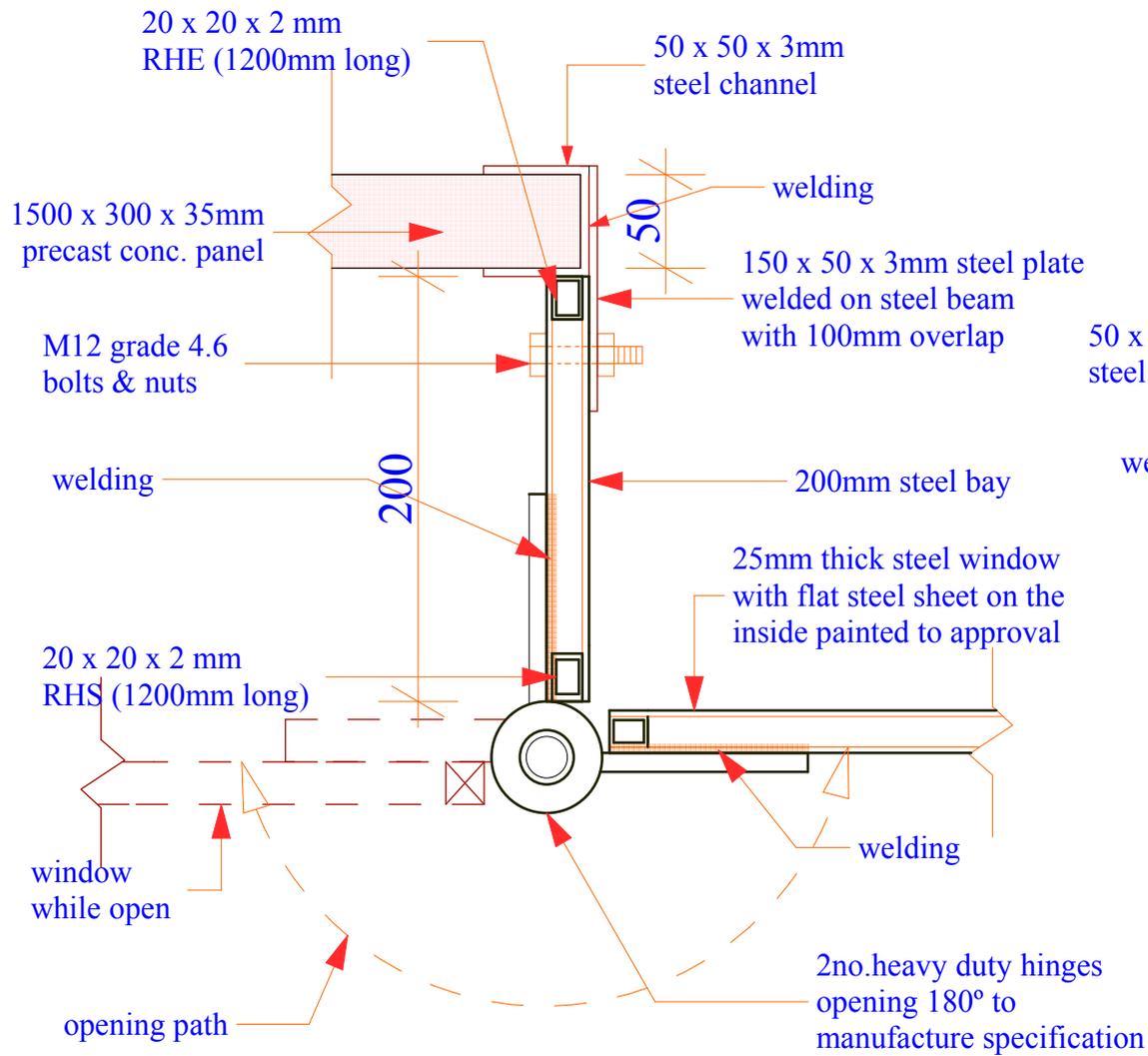


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|--|--|--|-----------------------------------|---|--|--|--|---|
| <p>Project Title: WATER KIOSK (Type Closed) PREFABRICATED</p> | <p>Client: WATER SERVICES TRUST FUND (WSTF)</p> | <p>drq title: DOOR DETAIL</p> | <p>drq no.: ARC 06</p> | <p>Consultant: Edward Kung'u</p> | <p>Designed By Faith Mwangi Eden Mati</p> | <p>Checked By John Orwa</p> | <p>Approved by CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 15 Date: November 2008 page 06</p> |
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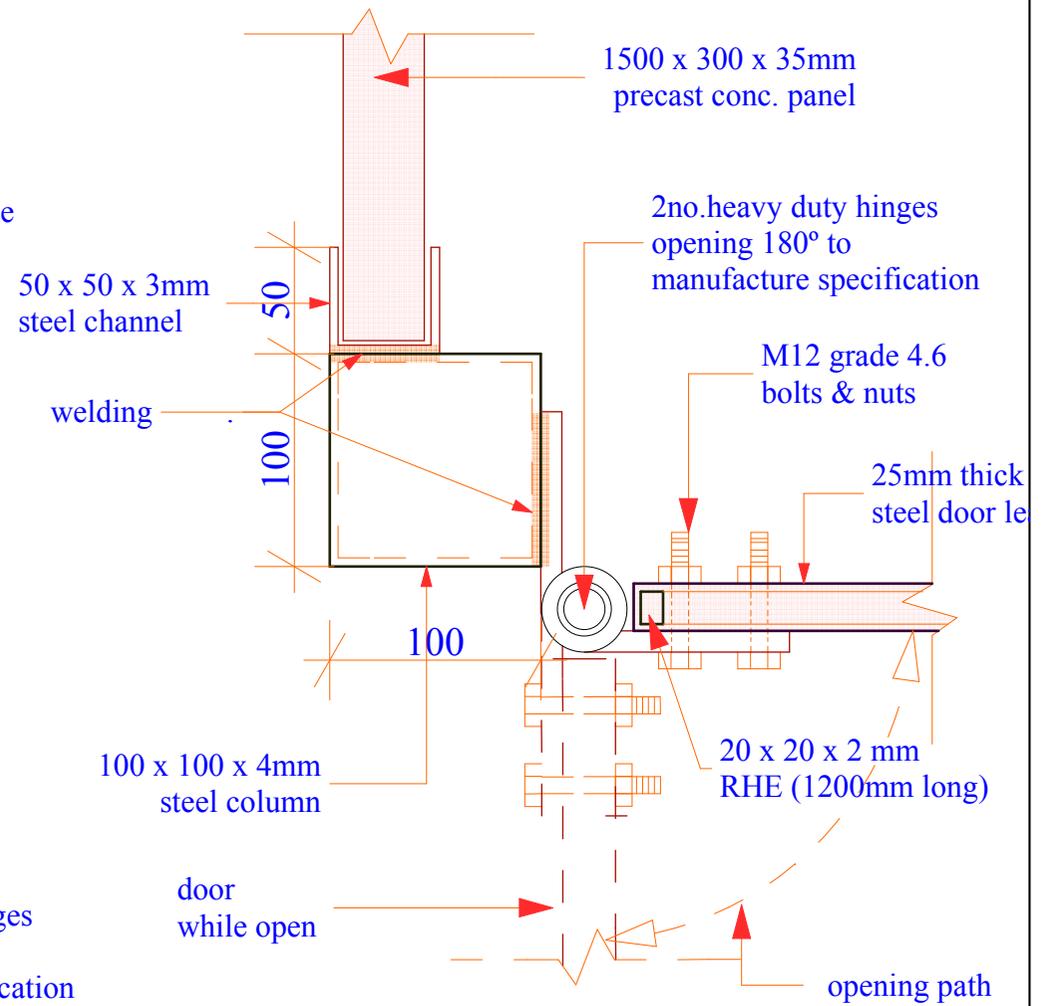


SHUTTER DETAIL

| | | | | | | | | |
|--|--|---|----------------------------------|---|--|--|--|---|
| <p>Project Title: WATER KIOSK (Type Closed) PREFABRICATED</p> | <p>Client: WATER SERVICES TRUST FUND (WSTF)</p> | <p>drq title: SHUTTER DETAIL</p> | <p>drq no: ARC 07</p> | <p>Consultant: Edward Kung'u</p> | <p>Designed By Faith Mwangi Eden Mati</p> | <p>Checked By John Orwa</p> | <p>Approved by CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 20 Date: November 2008 page 07</p> |
|--|--|---|----------------------------------|---|--|--|--|---|



SHUTTER DETAIL W (pg 07)



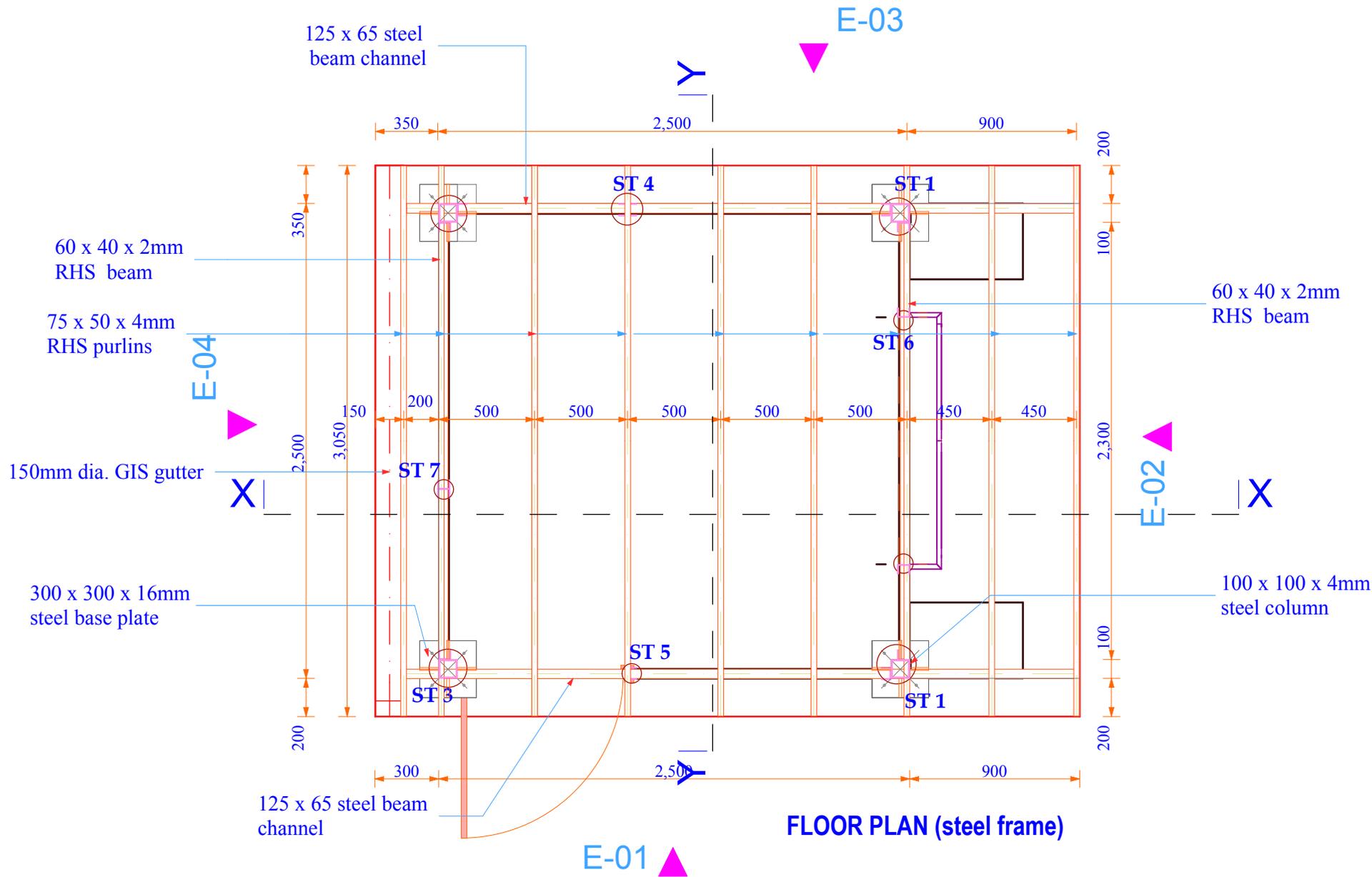
DOOR DETAIL Z (pg 06)

| | | | | | | | | |
|--|---|--|---------------------------|-------------------------------------|---|--------------------------------|---|--|
| Project Title: WATER KIOSK (Type Closed) PREFABRICATED | Client: WATER SERVICES TRUST FUND (WSTF) | drq title: SHUTTER & DOOR HINGES DETAIL | drq no.: ARC 08 | Consultant: Edward Kung'u | Designed By Faith Mwangi Eden Mati | Checked By John Orwa | Approved by CEO - Water Services Trust Fund Signature..... | Scale 1 : 2.5 Date: November 2008 page 08 |
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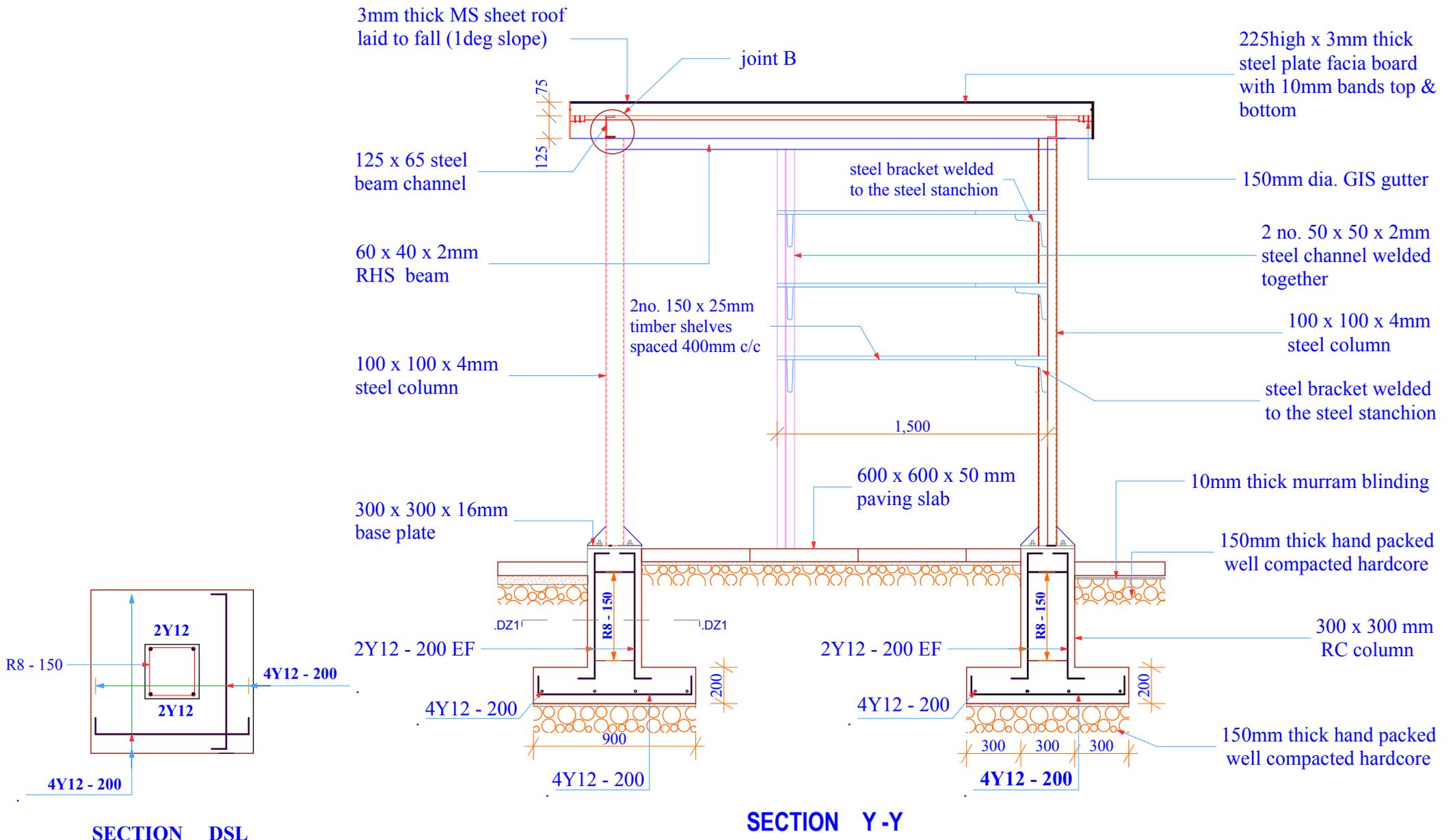
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| 3 | Section Y-Y | STR - 03 | 03 |
| 4 | Bar Bending Schedule | STR - 04 | 04 |
| 5 | Column Connection Details | STR - 05 | 05 |
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| 8 | Channel Base Detail (window support) | STR - 08 | 08 |
| 9 | Channel & Stanchion Connection | STR - 09 | 9 |
| 10 | Steel Gage Details | STR - 10 | 10 |
| 11 | Fetching Bay Details | STR - 11 | 11 |

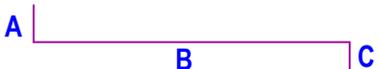
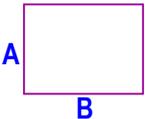


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| Project Title: WATER KIOSK (Type Closed) PREFABRICATED | Client: WATER SERVICES TRUST FUND (WSTF) | drq title: PLAN | drq no.: STR 01 | Consultant: Edward Kung'u | Designed By Faith Mwangi Eden Mati | Checked By John Orwa | Approved by CEO - Water Services Trust Fund Signature..... | Scale 1 : 20 Date: November 2008 page 01 |
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| <p>Project Title: WATER KIOSK (Type Closed) PREFABRICATED</p> | <p>Client: WATER SERVICES TRUST FUND (WSTF)</p> | <p>drq title: SECTION</p> | <p>drq no: STR 03</p> | <p>Consultant: Edward Kung'u</p> | <p>Designed By Faith Mwangi Eden Mati</p> | <p>Checked By John Orwa</p> | <p>Approved by CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 20 Date: November 2008 page 03</p> |
|--|--|--------------------------------------|----------------------------------|---|--|--|--|---|

Bar Bending Schedule (Foundation Concrete)

| Bar type | Bar Mark | Bar shape | Dimensions | | | | No. | Length mm | Total Length mm |
|----------|----------|---|------------|-----|-----|---|-----|--------------|--------------------|
| | | | A | B | C | D | | | |
| Y12 | |  | 100 | 800 | | | 32 | 1,000 | 32,000 |
| Y12 | |  | 300 | 800 | 100 | | 16 | 1,200 | 19,200 |
| Y8 | |  | 200 | 200 | | | 20 | 900 | 18,000 |

Project Title:

WATER KIOSK
(Type Closed)
PREFABRICATED

Client:

WATER SERVICES
TRUST FUND (WSTF)

drq title:

BAR BENDING
SCHEDULE

drq no:

STR 04

Consultant:

Edward Kung'u

Designed By

Faith Mwangi
Eden Mati

Checked By

John Orwa

Approved by

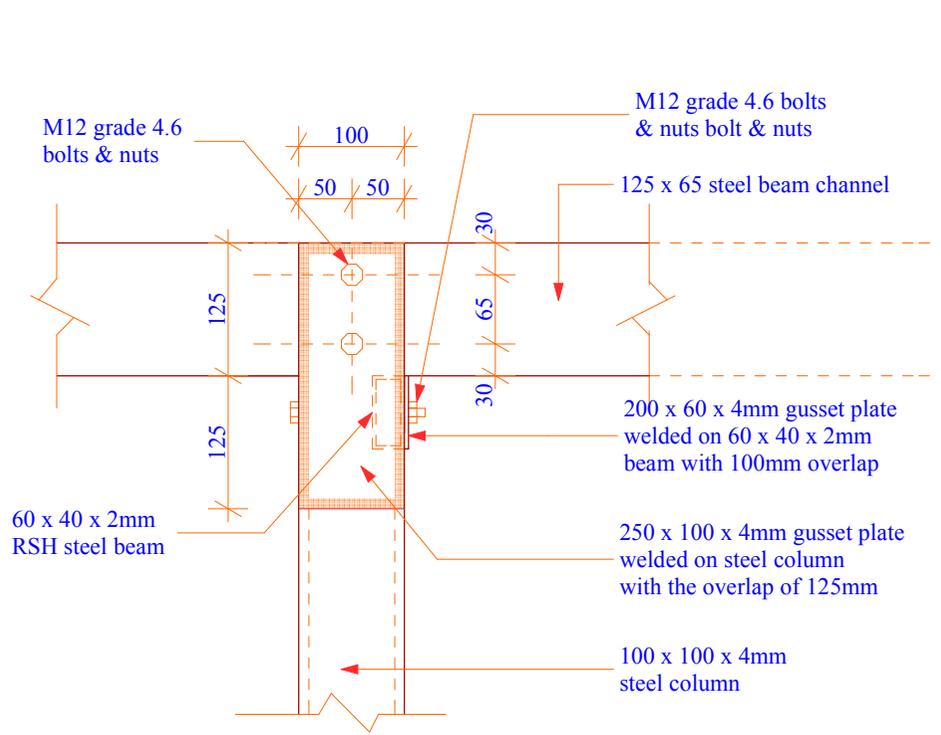
CEO - Water Services Trust Fund

Signature.....

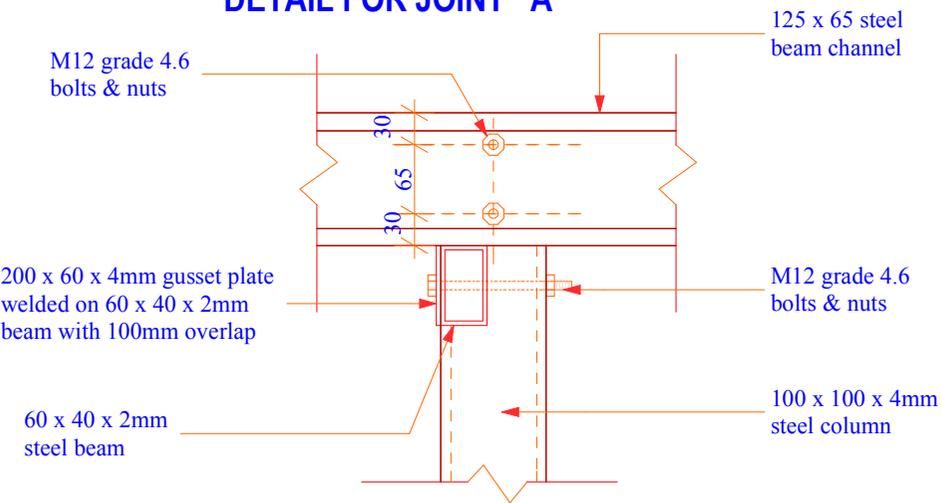
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Date: November 2008

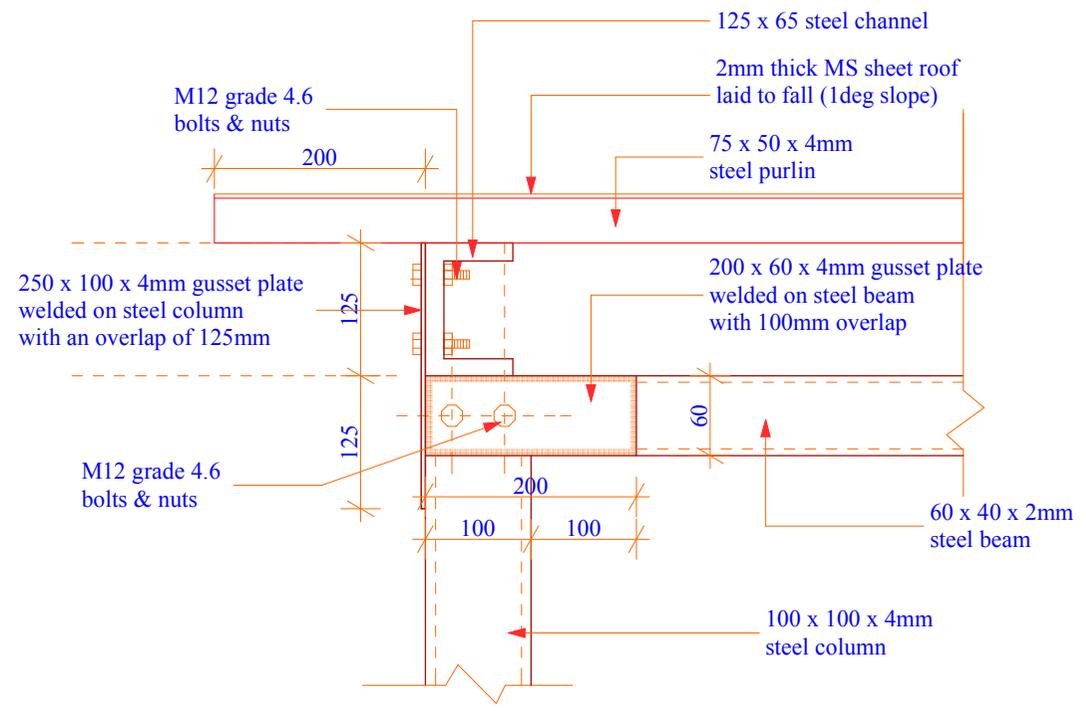
page 04



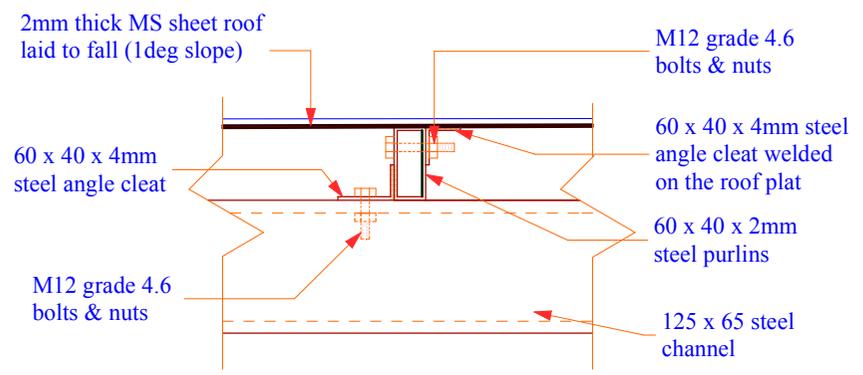
DETAIL FOR JOINT A



DETAIL FOR JOINT C

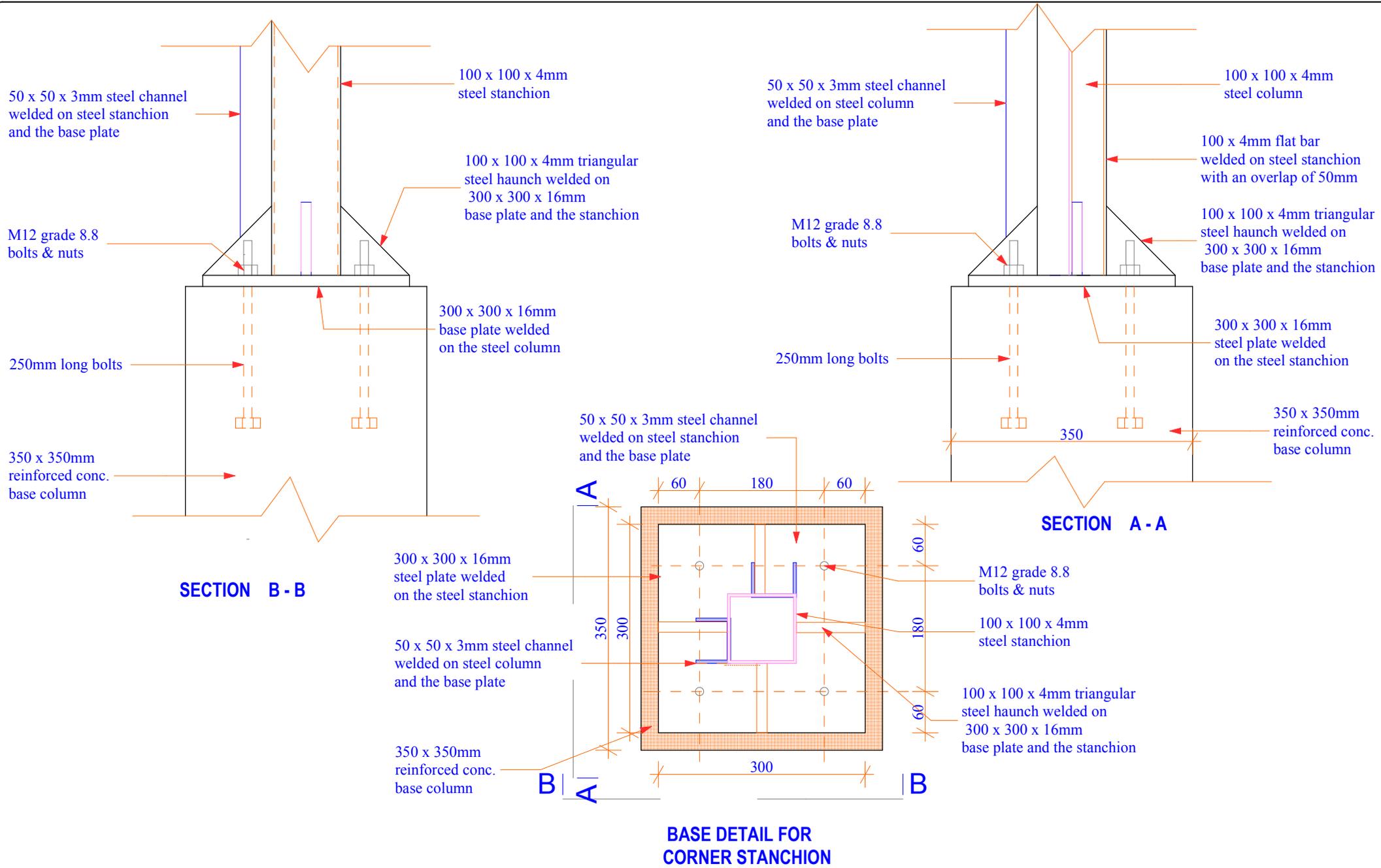


DETAIL FOR JOINT B



DETAIL FOR JOINT D

| | | | | | | | | |
|---|---|---|--|--|---|---|--|---|
| <p><u>Project Title:</u> WATER KIOSK (Type Closed) PREFABRICATED</p> | <p><u>Client:</u> WATER SERVICES TRUST FUND (WSTF)</p> | <p><u>drq title:</u> CONNECTION DETAIL</p> | <p><u>drq no.:</u> STR 05</p> | <p><u>Consultant:</u> Edward Kung'u</p> | <p><u>Designed By</u> Faith Mwangi Eden Mati</p> | <p><u>Checked By</u> John Orwa</p> | <p><u>Approved by</u> CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 5 Date: November 2008 page 05</p> |
|---|---|---|--|--|---|---|--|---|



Project Title:
**WATER KIOSK
 (Type Closed)
 PREFABRICATED**

Client:
**WATER SERVICES
 TRUST FUND (WSTF)**

drq title:
**COLUMN BASE
 DETAIL**

drq no:
STR 06

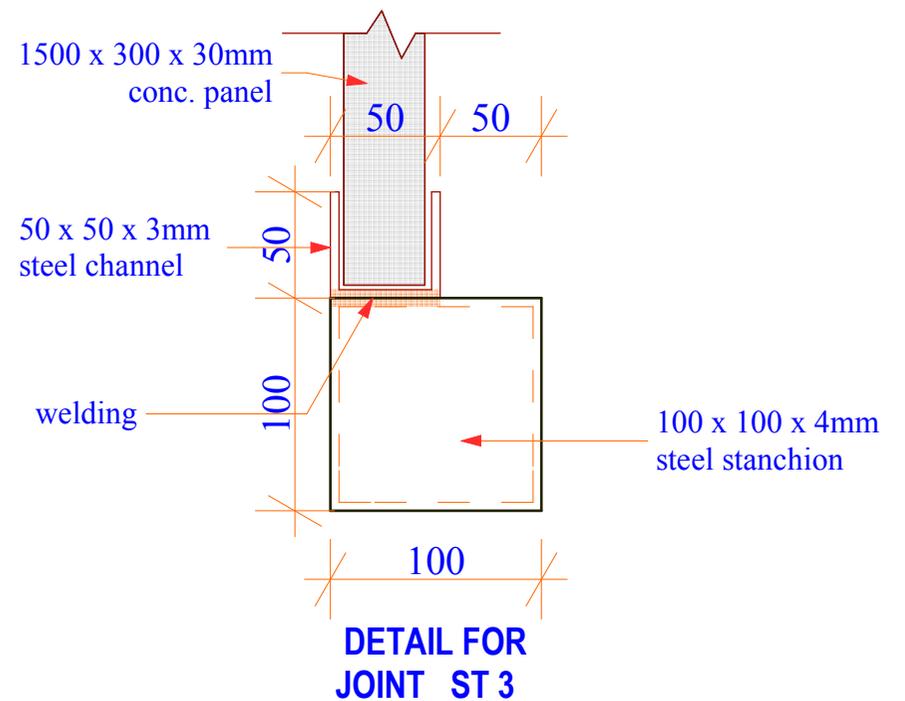
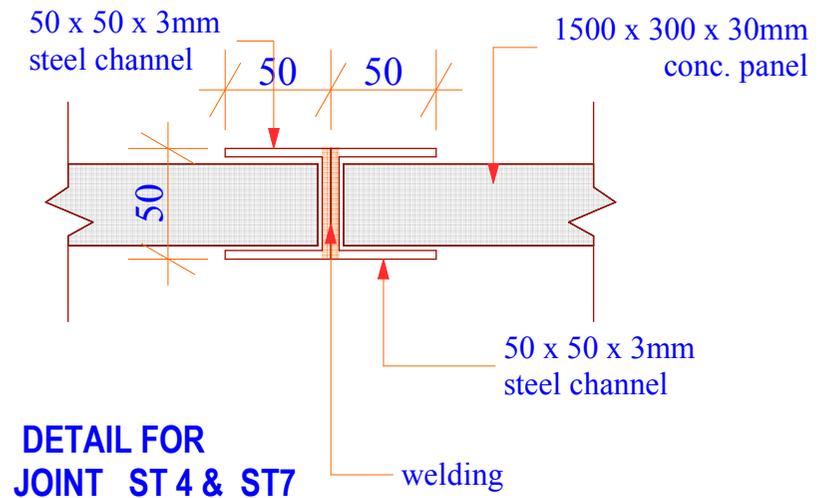
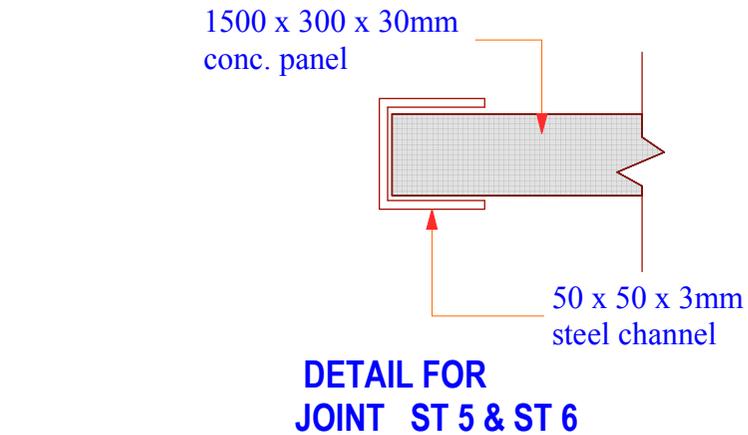
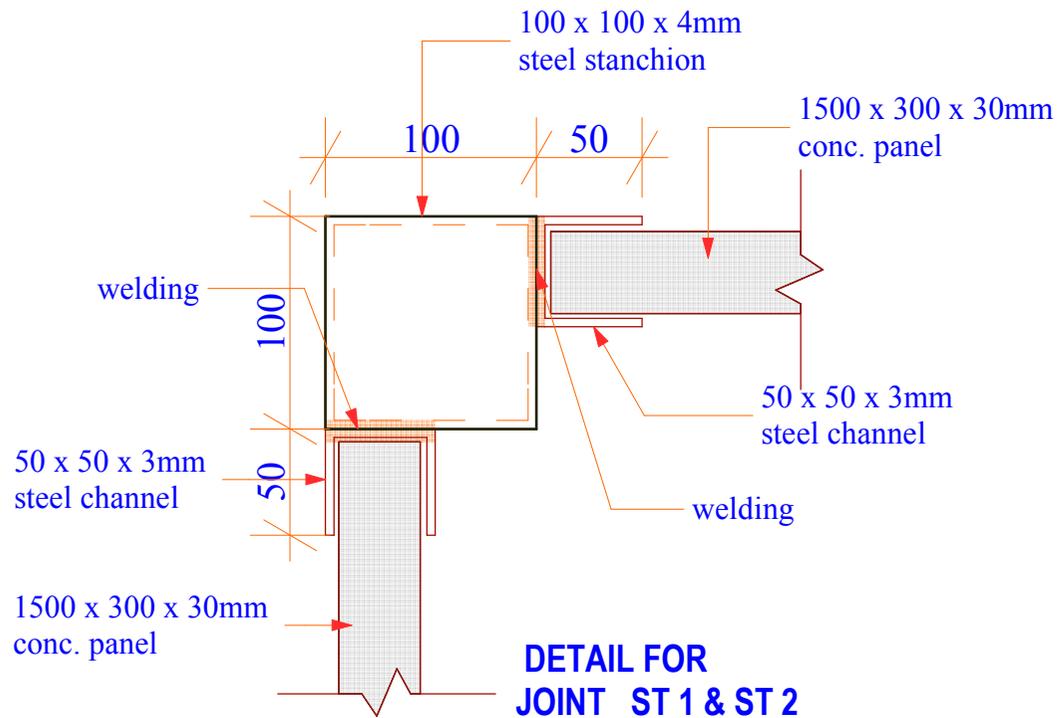
Consultant:
Edward Kung'u

Designed By
**Faith Mwangi
 Eden Mati**

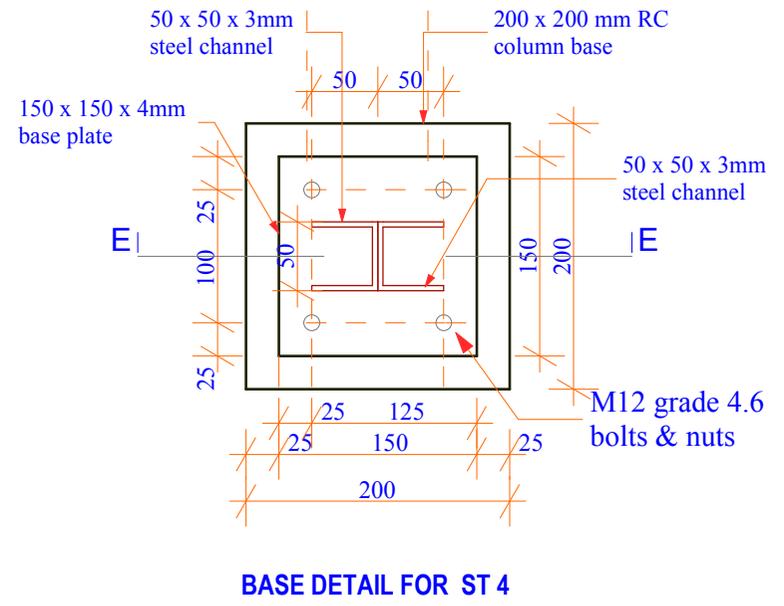
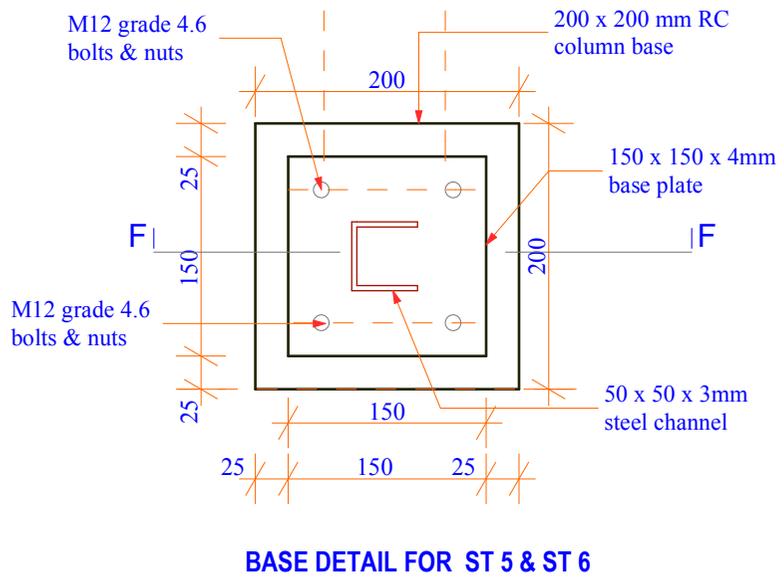
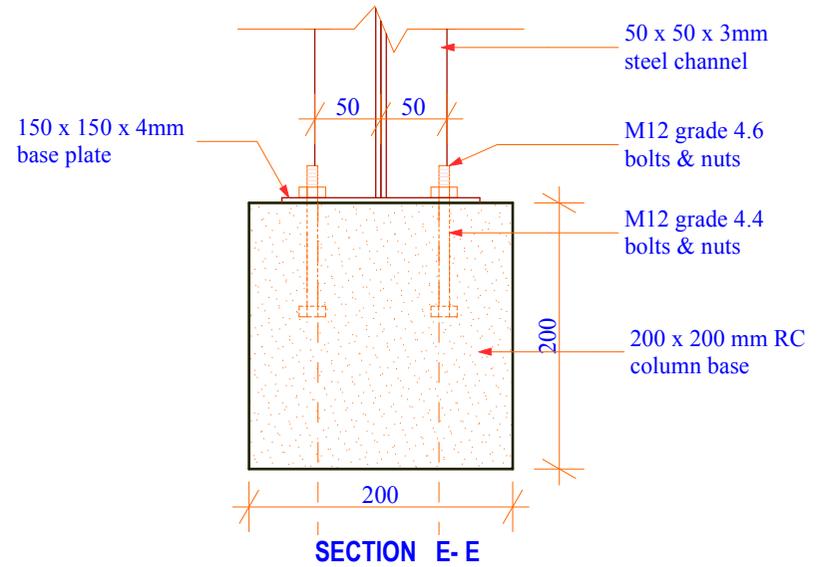
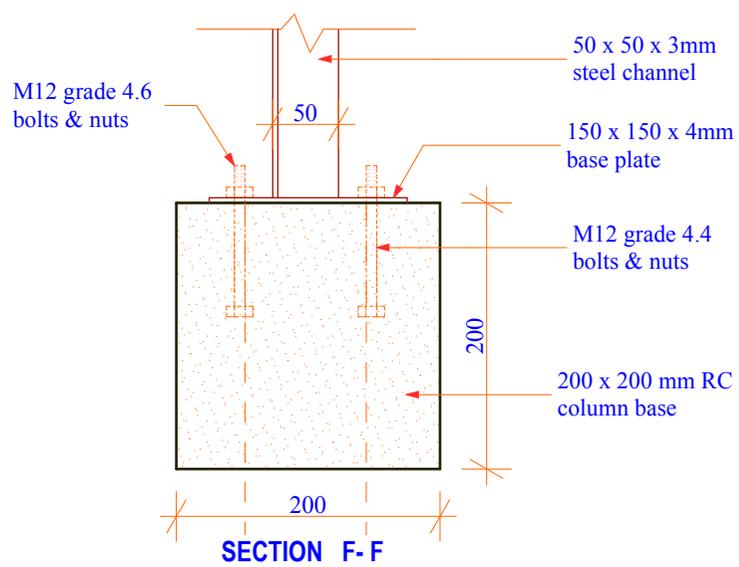
Checked By
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Approved by
CEO - Water Services Trust Fund
 Signature.....

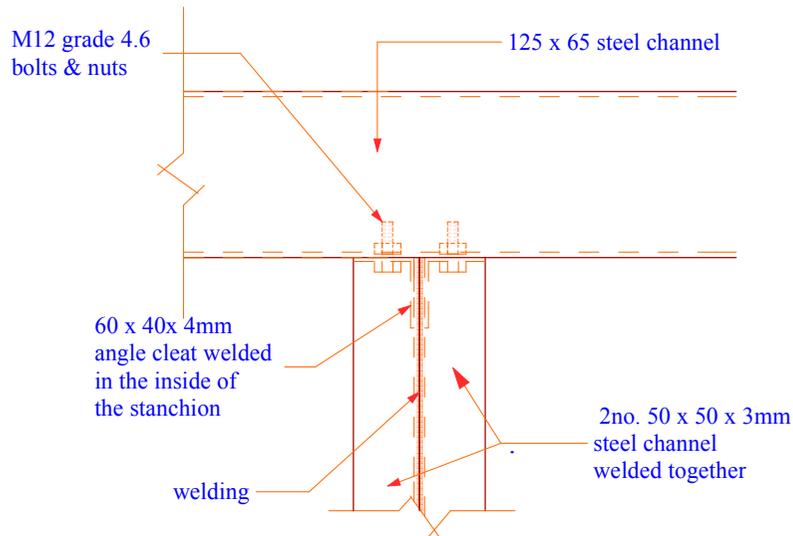
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Date: November 2008
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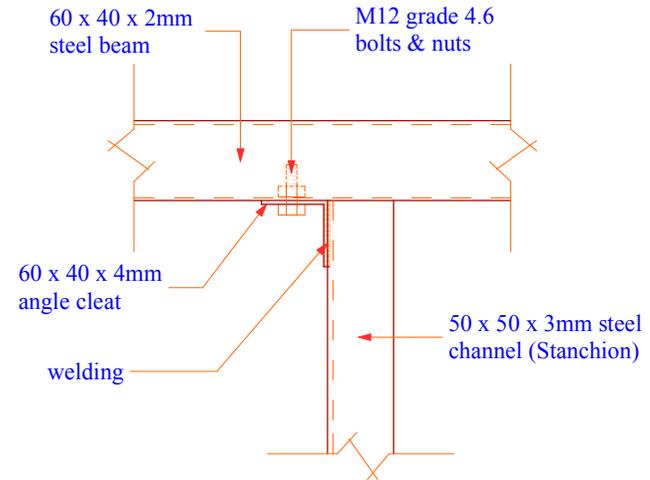
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|--|---|---|---------------------------|-------------------------------------|---|--------------------------------|---|---|



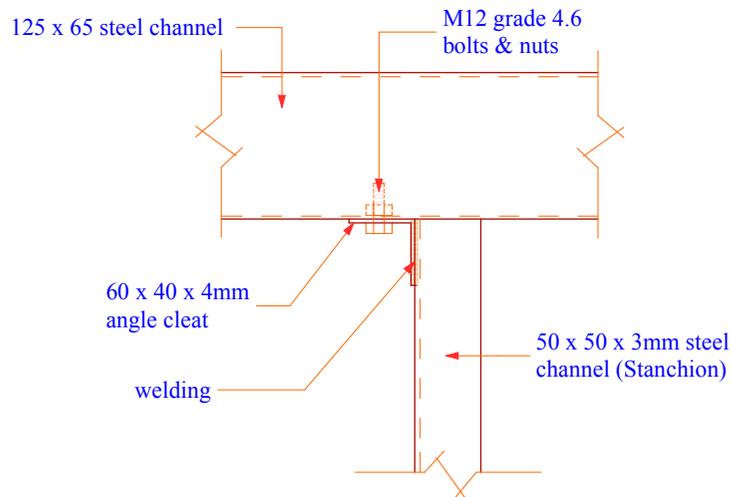
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|--|---|---|---------------------------|-------------------------------------|---|--------------------------------|---|---|
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|--|---|---|---------------------------|-------------------------------------|---|--------------------------------|---|---|



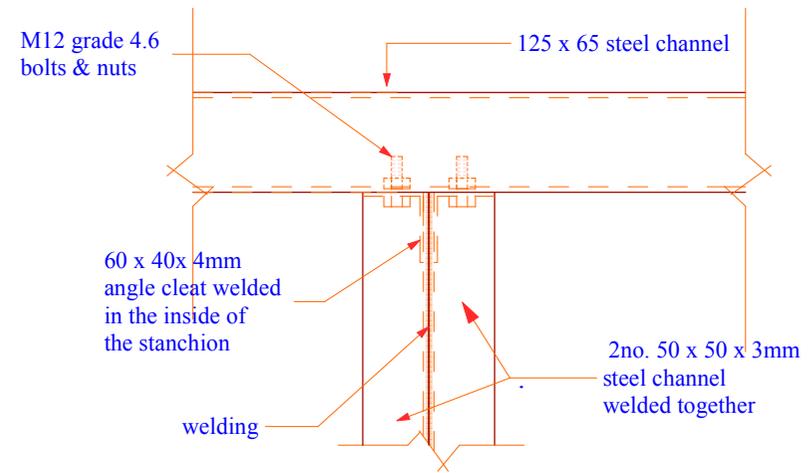
BASE DETAIL FOR ST 4



**BEAM CONNECTION
DETAIL FOR ST 6**

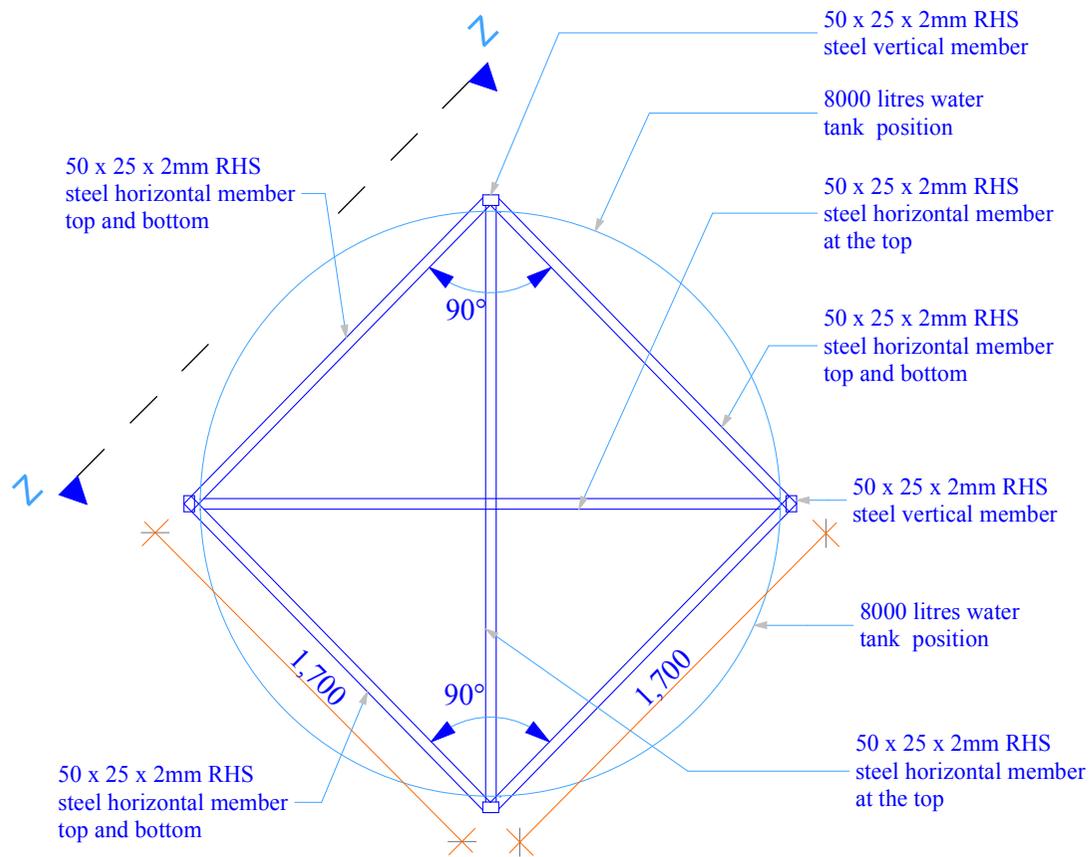


**BEAM CONNECTION
DETAIL FOR ST 5**

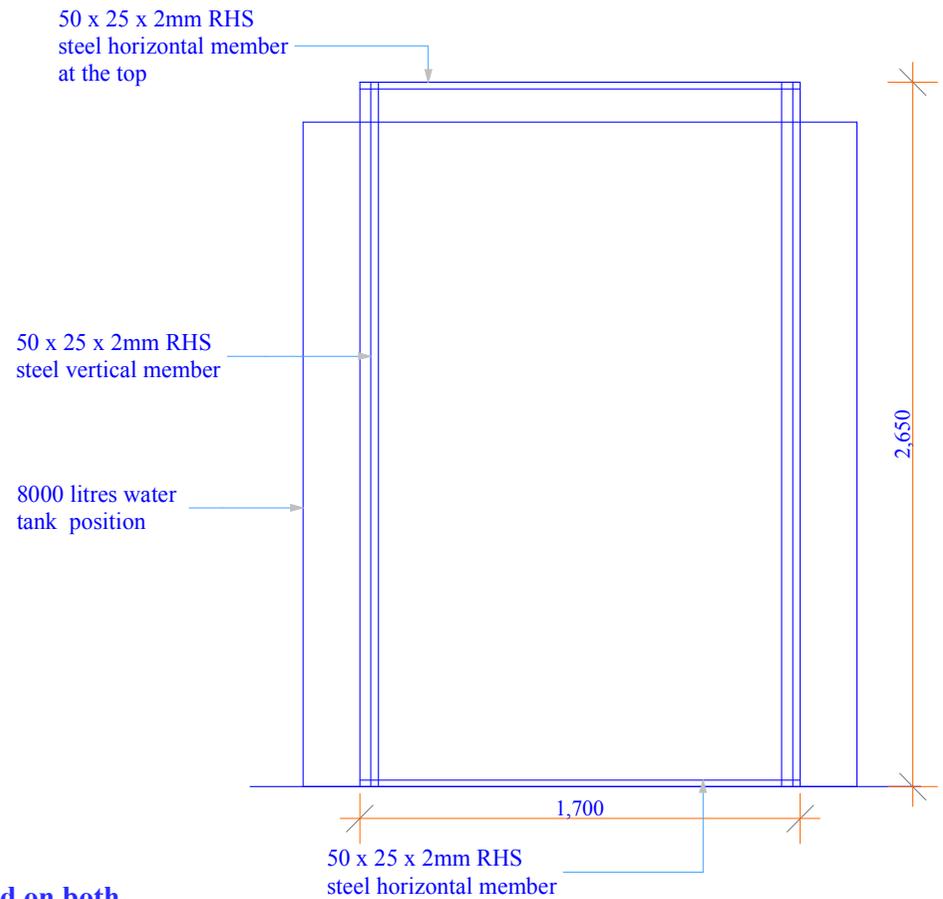


BASE DETAIL FOR ST 7

| | | | | | | | | |
|--|--|---|-----------------------------------|---|--|--|--|--|
| <p><u>Project Title:</u> WATER KIOSK (Type Closed) PREFABRICATED</p> | <p><u>Client:</u> WATER SERVICES TRUST FUND (WSTF)</p> | <p><u>drq title:</u> CHANNEL, BEAM CONNECTION DETAILS</p> | <p><u>drq no.:</u> STR 09</p> | <p><u>Consultant:</u> Edward Kung'u</p> | <p><u>Designed By</u> Faith Mwangi Eden Mati</p> | <p><u>Checked By</u> John Orwa</p> | <p><u>Approved by</u> CEO - Water Services Trust Fund Signature.....</p> | <p>Scale Date: November 2008 page 09</p> |
|--|--|---|-----------------------------------|---|--|--|--|--|



TOP VIEW

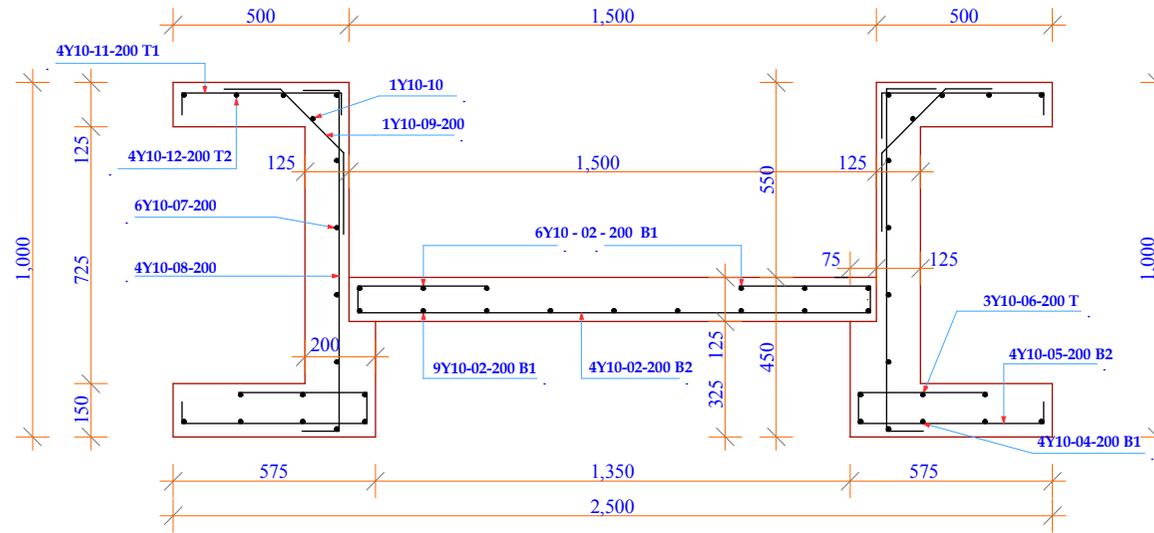


SIDE VIEW X-X

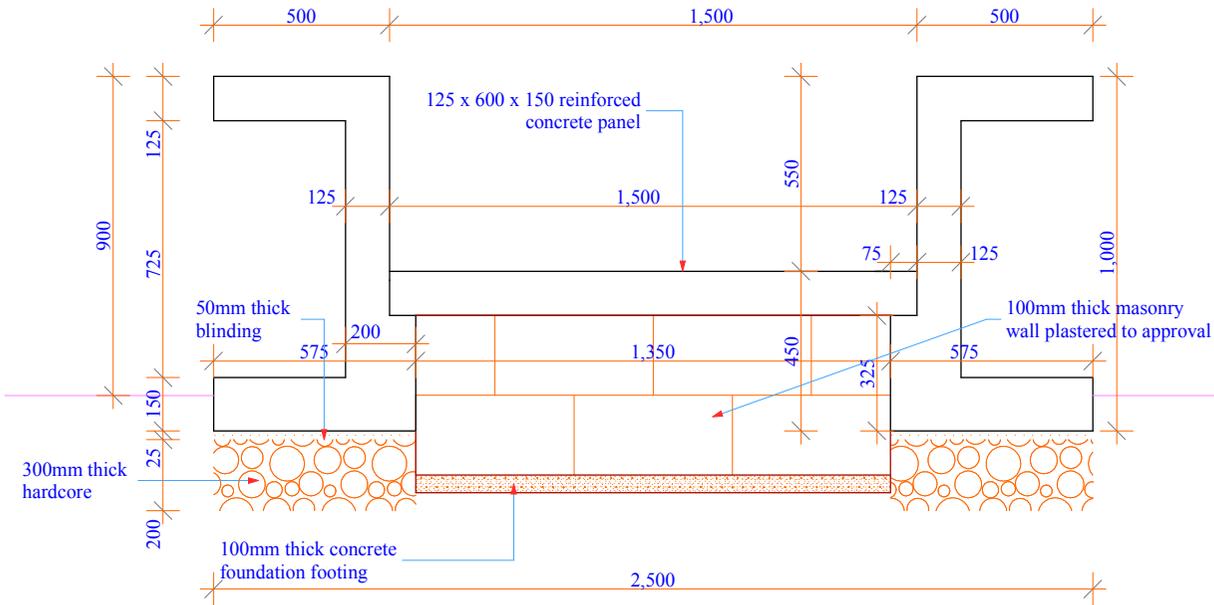
NB the cage to be used on both 8000ltrs and 5000ltrs tanks

STEEL CAGE DETAIL

| | | | | | | | | |
|---|---|---|---|--|---|---|--|---|
| <p><u>Project Title:</u> WATER KIOSK (Type Closed) PREFABRICATED</p> | <p><u>Client:</u> WATER SERVICES TRUST FUND (WSTF)</p> | <p><u>drq title:</u> STEEL CAGE DETAIL</p> | <p><u>drq no:</u> STR 10</p> | <p><u>Consultant:</u> Edward Kung'u</p> | <p><u>Designed By</u> Faith Mwangi Eden Mati</p> | <p><u>Checked By</u> John Orwa</p> | <p><u>Approved by</u> CEO - Water Services Trust Fund Signature.....</p> | <p><u>Scale</u> <u>Date:</u> November 2008 <u>page</u> 10</p> |
|---|---|---|---|--|---|---|--|---|



FETCHING BAY REINFORCEMENT DETAILS



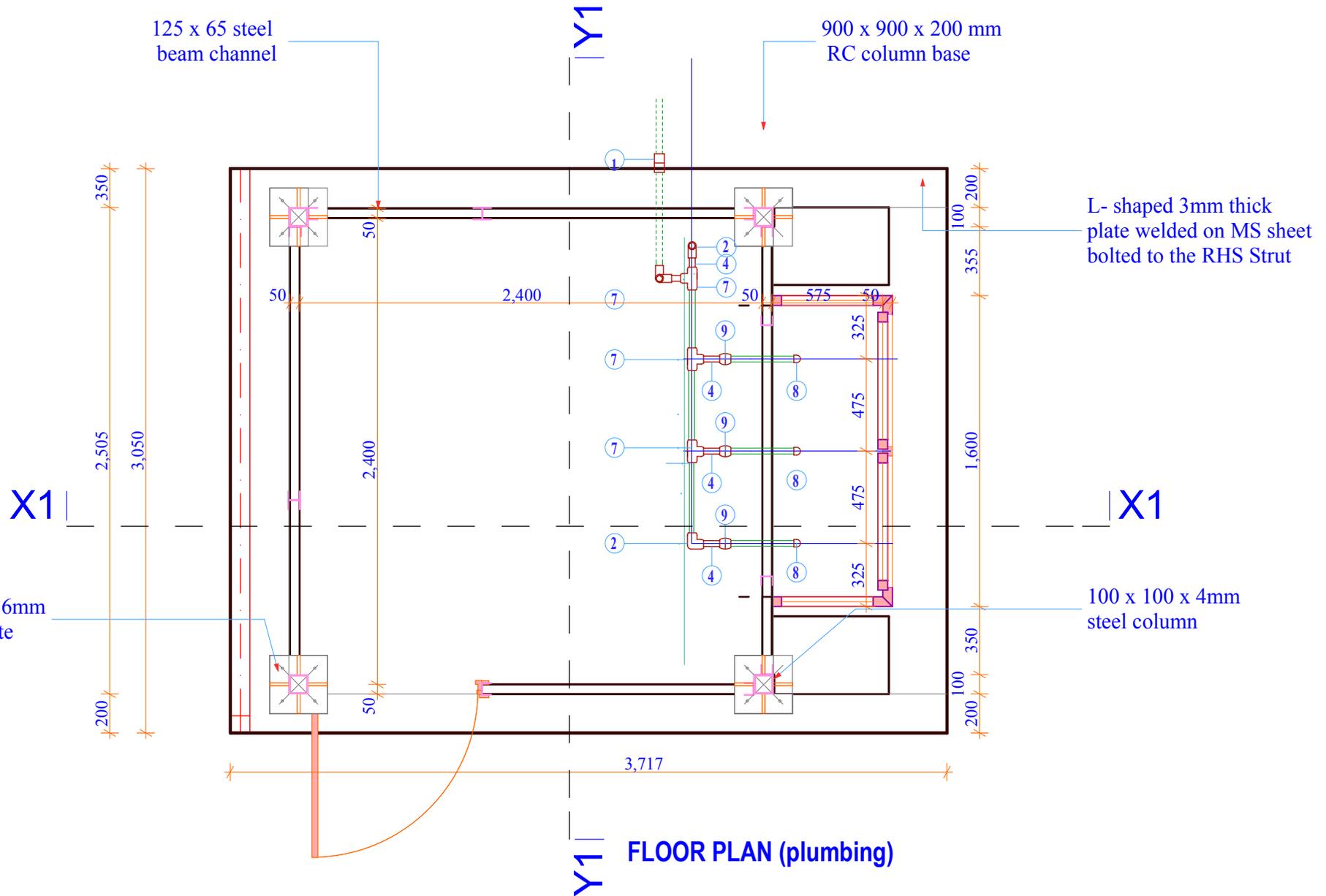
FETCHING BAY SECTION

| | | | | | | | | |
|--|--|--|----------------------------------|---|--|--|--|--|
| <p>Project Title: WATER KIOSK (Type Closed) PREFABRICATED</p> | <p>Client: WATER SERVICES TRUST FUND (WSTF)</p> | <p>drq title: FETCHING BAY DETAIL</p> | <p>drq no: STR 11</p> | <p>Consultant: Edward Kung'u</p> | <p>Designed By Faith Mwangi Eden Mati</p> | <p>Checked By John Orwa</p> | <p>Approved by CEO - Water Services Trust Fund Signature.....</p> | <p>Scale Date: November 2008 page 11</p> |
|--|--|--|----------------------------------|---|--|--|--|--|

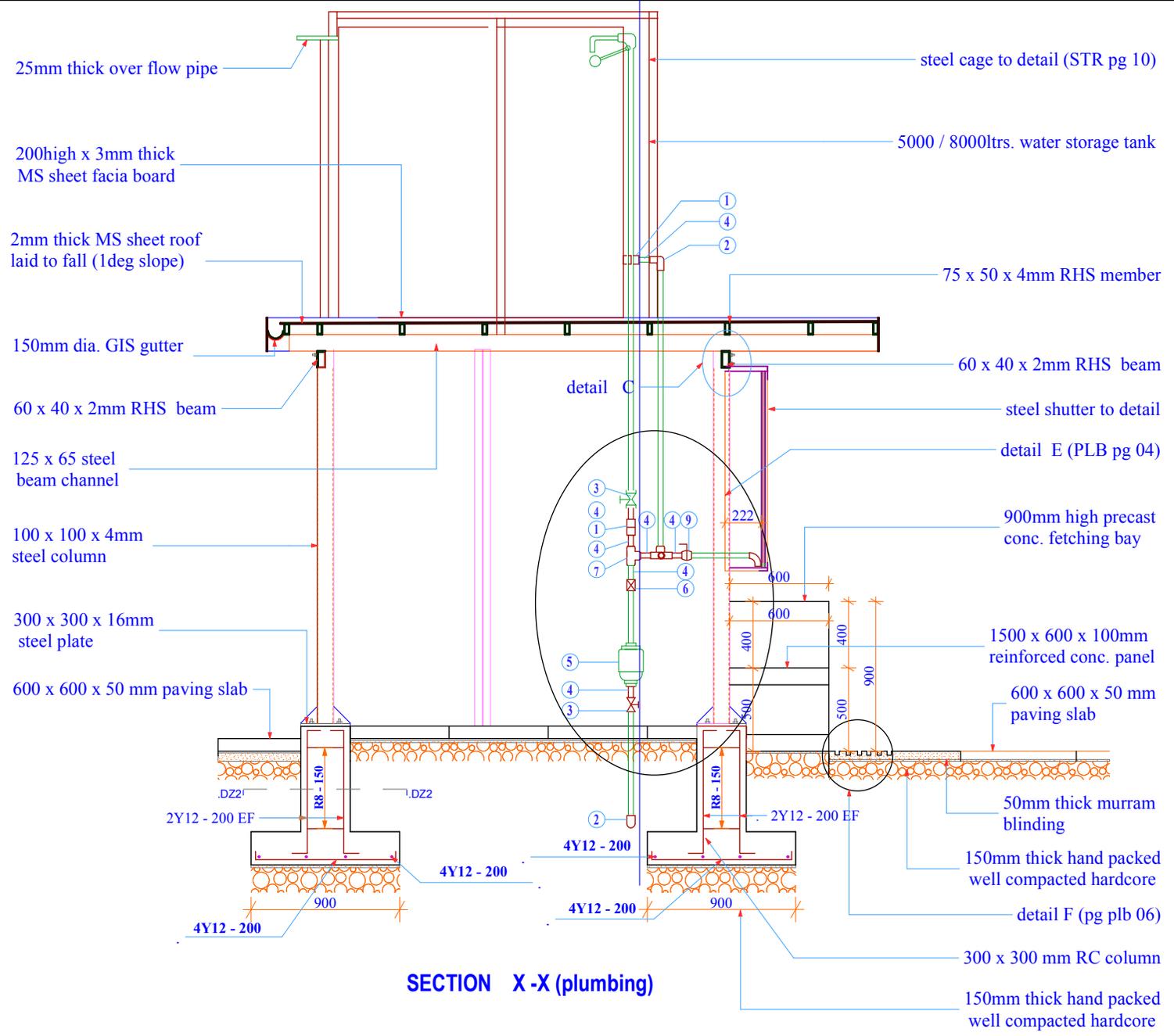
PLUMBING &
DRAINAGE
DRAWING

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| 4 | Section Detail | PLB - 04 | 04 |
| 5 | Schedule of Materials | PLB - 05 | 05 |
| 6 | Drainage Details | PLB - 06 | 06 |
| 7 | Timber Platform Dtls | PLB - 07 | 07 |

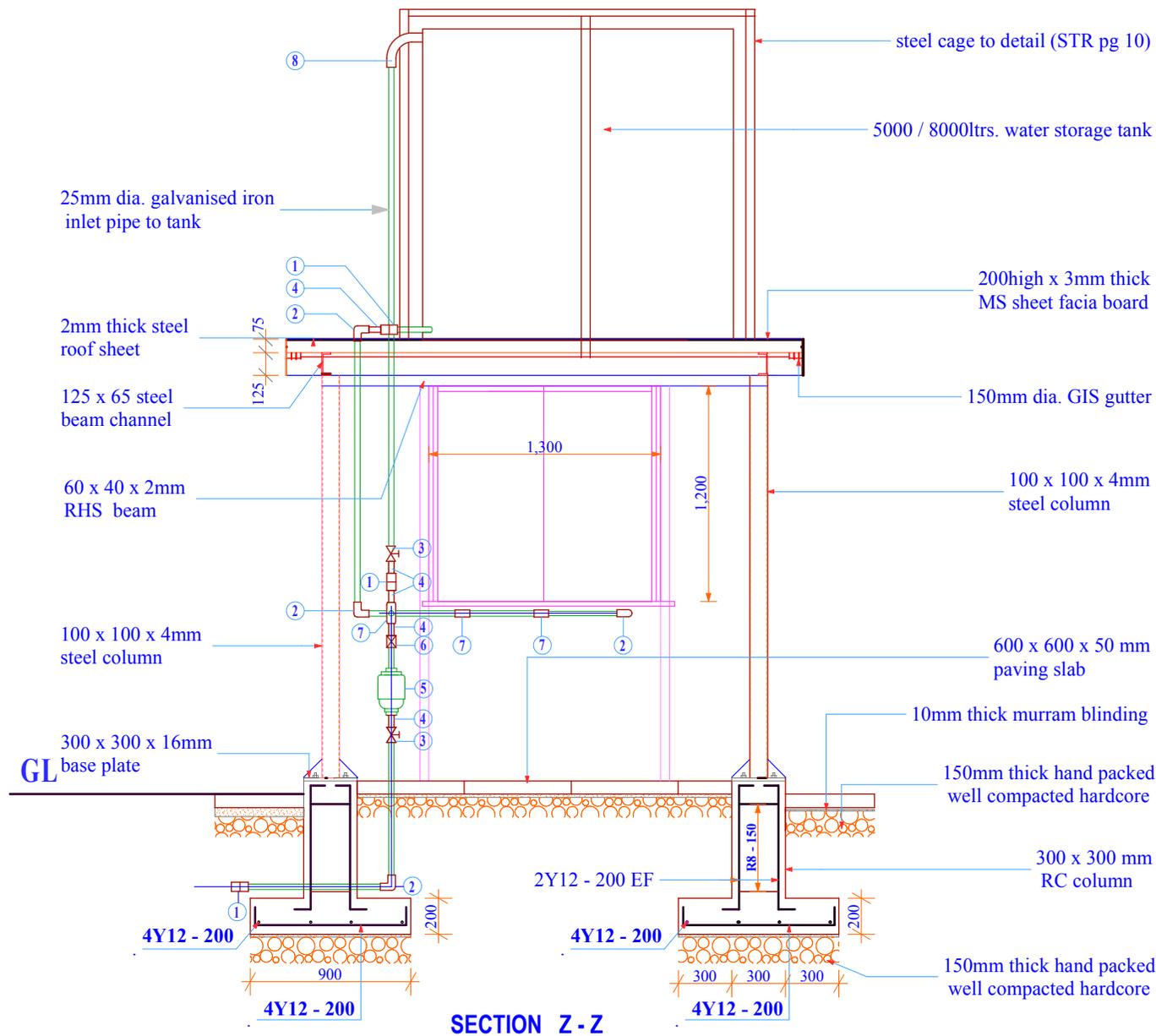


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| <p>Project Title: WATER KIOSK (Type Closed) PREFABRICATED</p> | <p>Client: WATER SERVICES TRUST FUND (WSTF)</p> | <p>drq title: PLAN</p> | <p>drq no: PLB 01</p> | <p>Consultant: Edward Kung'u</p> | <p>Designed By Faith Mwangi Eden Mati</p> | <p>Checked By John Orwa</p> | <p>Approved by CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 20 Date: November 2008 page 01</p> |
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SECTION X-X (plumbing)

| | | | | | | | | |
|--|--|---|-----------------------------------|---|--|--|--|---|
| <p>Project Title: WATER KIOSK (Type Closed) PREFABRICATED</p> | <p>Client: WATER SERVICES TRUST FUND (WSTF)</p> | <p>drq title: SECTION (plumbing)</p> | <p>drq no.: PLB 02</p> | <p>Consultant: Edward Kung'u</p> | <p>Designed By Faith Mwangi Eden Mati</p> | <p>Checked By John Orwa</p> | <p>Approved by CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 25 Date: November 2008 page 02</p> |
|--|--|---|-----------------------------------|---|--|--|--|---|



Project Title:
WATER KIOSK
 (Type Closed)
 PREFABRICATED

Client:
WATER SERVICES
TRUST FUND (WSTF)

drq title:
SECTION (plumbing)

drq no.:
PLB 03

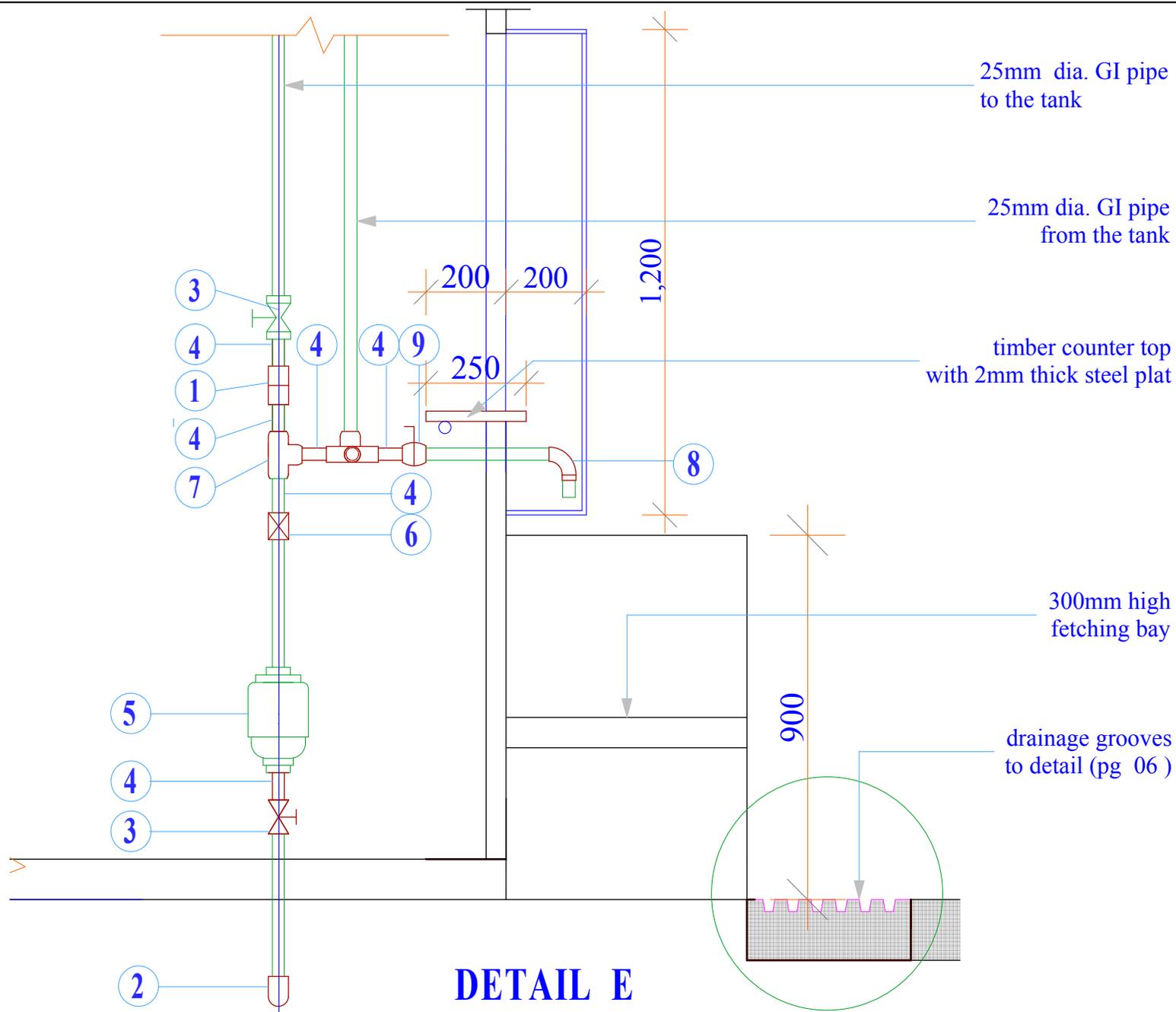
Consultant:
Edward Kung'u

Designed By
Faith Mwangi
Eden Mati

Checked By
John Orwa

Approved by
CEO - Water Services Trust Fund
 Signature.....

Scale 1 : 25
Date: November 2008
page 03



DETAIL E

| | | | | | | | | |
|--|--|---|----------------------------------|---|--|--|--|---|
| <p>Project Title: WATER KIOSK (Type Closed) PREFABRICATED</p> | <p>Client: WATER SERVICES TRUST FUND (WSTF)</p> | <p>drq title: SECTION DETAIL</p> | <p>drq no: PLB 04</p> | <p>Consultant: Edward Kung'u</p> | <p>Designed By Faith Mwangi Eden Mati</p> | <p>Checked By John Orwa</p> | <p>Approved by CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 15 Date: November 2008 page 04</p> |
|--|--|---|----------------------------------|---|--|--|--|---|

| ITEM NUMBER | DESCRIPTION (ALL 25 mm DIA.) | UNIT | QTY |
|-------------|--|------|-----|
| 1 | Galvanized Iron Union | No. | 3 |
| 2 | Galvanized Iron Elbows | No. | 3 |
| 3 | Galvanized Iron Gate valve (pegler) | No. | 2 |
| 4 | Galvanized Iron Nipples | No. | 11 |
| 5 | Water meter | No. | 1 |
| 6 | Non return valve | No. | 1 |
| 7 | Galvanized Iron Equal Tee | No. | 5 |
| 8 | Galvanized Iron B end | No. | 4 |
| 9 | Ball cock water taps | No. | 3 |
| 10 | Galvanized Iron Long thread nipple | No. | 2 |
| 11 | Galvanized Iron Black nut | No. | 4 |
| 12 | Galvanized Iron Class B pipes (per 6 metres) | No. | 4 |
| 13 | Boss white (400g) | No. | 3 |
| 14 | Hemp thread | LM | 2 |

Project Title:

WATER KIOSK
(Type Closed)
PREFABRICATED

Client:

WATER SERVICES
TRUST FUND (WSTF)

drq title:

PLUMBING (table)

drq no:

PLB 05

Consultant:

Edward Kung'u

Designed By

Faith Mwangi
Eden Mati

Checked By

John Orwa

Approved by

CEO - Water Services Trust Fund

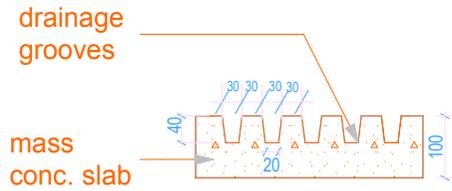
Signature.....

Scale

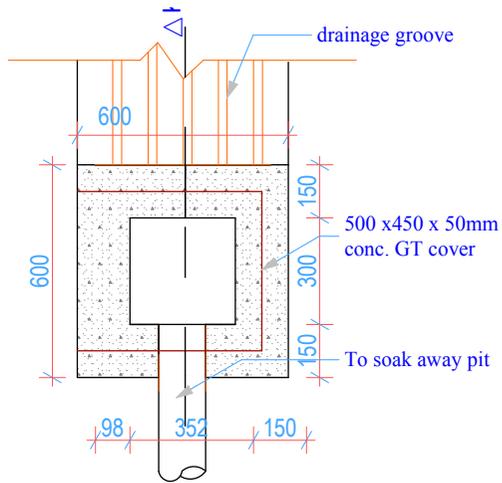
Date: November 2008

page

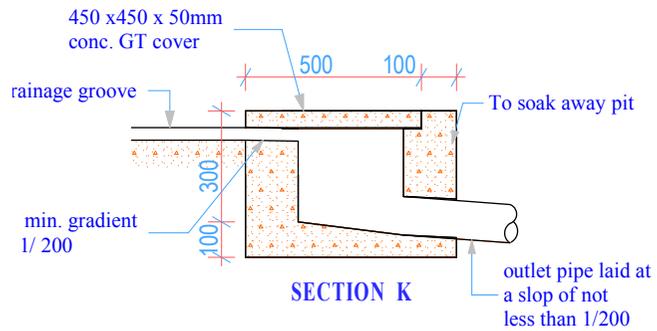
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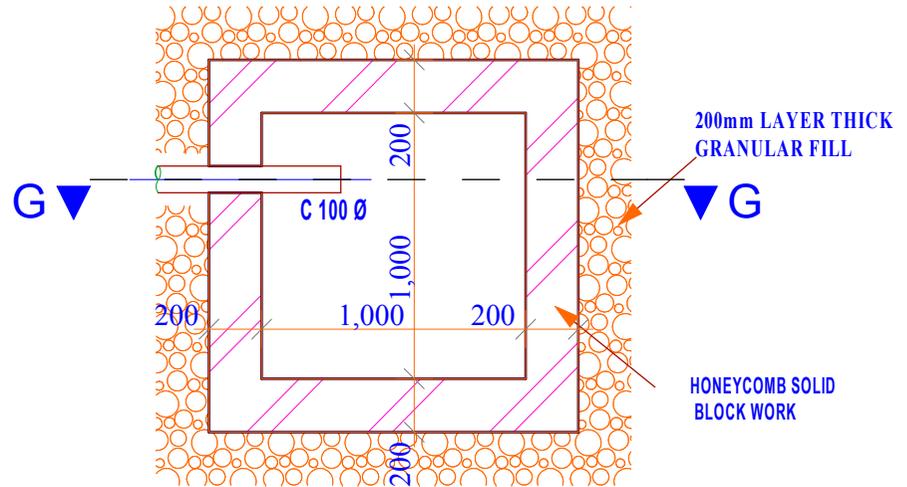
DRAINAGE GROOVES (DETAIL F)



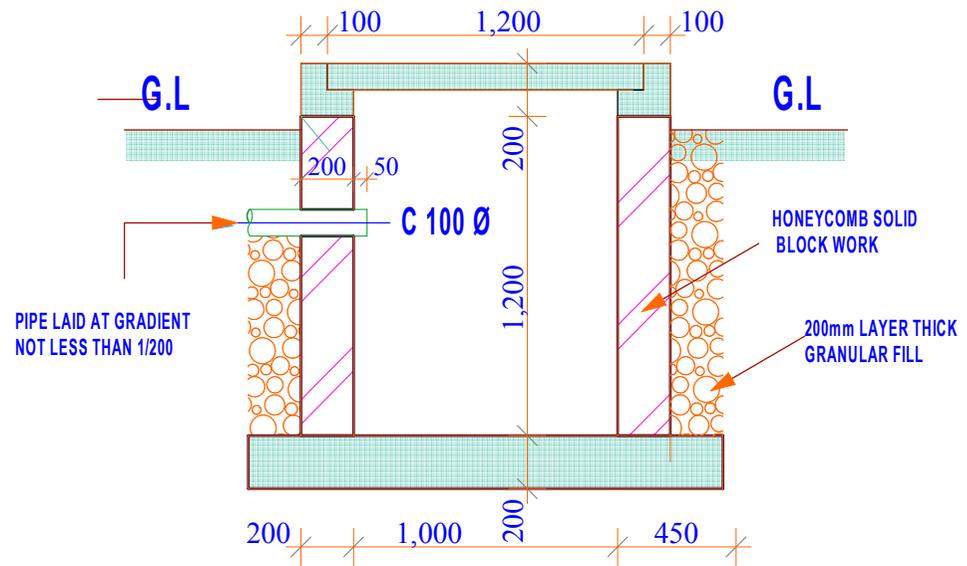
PLAN



SECTION K



SOAK PIT PLAN



LONGITUDINAL SECTION THROUGH SECTION G-G

SOAK AWAY DETAIL

Project Title:
WATER KIOSK
(Type Closed)
PREFABRICATED

Client:
WATER SERVICES
TRUST FUND (WSTF)

drq title:
DRAINAGE DETAILS

drq no.:
PLB 06

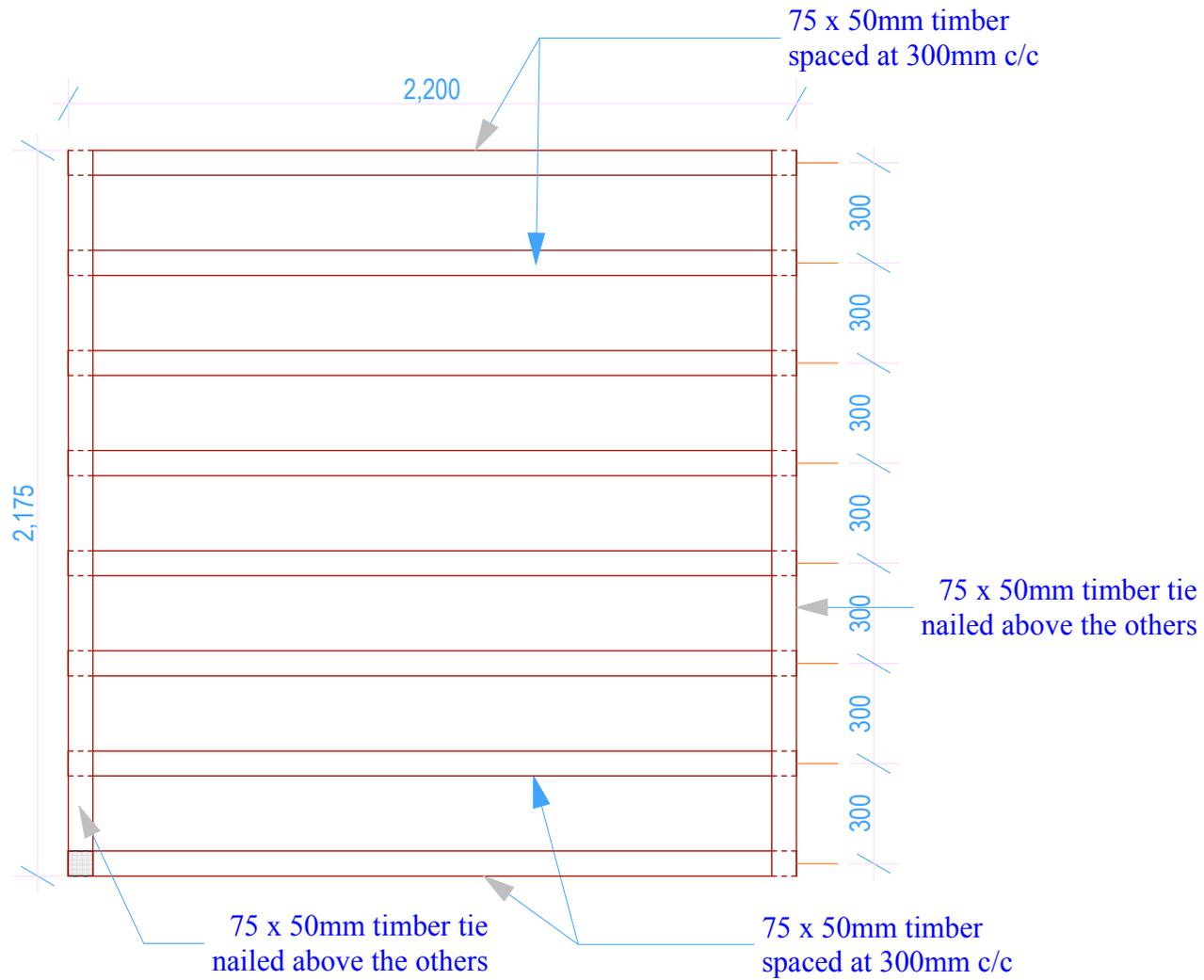
Consultant:
Edward Kung'u

Designed By
Faith Mwangi
Eden Mati

Checked By
John Orwa

Approved by
CEO - Water Services Trust Fund
Signature.....

Scale
Date: November 2008
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TIMBER PLATFORM

| | | | | | | | | |
|--|--|--|----------------------------------|---|--|--|--|---|
| <p><u>Project Title:</u> WATER KIOSK (Type Closed) PREFABRICATED</p> | <p><u>Client:</u> WATER SERVICES TRUST FUND (WSTF)</p> | <p><u>drq title:</u> TIMBER PLATFORM</p> | <p><u>drq no:</u> PLB 07</p> | <p><u>Consultant:</u> Edward Kung'u</p> | <p><u>Designed By</u> Faith Mwangi Eden Mati</p> | <p><u>Checked By</u> John Orwa</p> | <p><u>Approved by</u> CEO - Water Services Trust Fund Signature.....</p> | <p>Scale 1 : 15 Date: November 2008 page 07</p> |
|--|--|--|----------------------------------|---|--|--|--|---|