1.00 1.20 1.60

4 inch steel circular pipe posts

X-Pend sheets 1.5 inch steel angle frame attached to steel angle skeleton layer of bamboo

USA steel Zink sheet grade 28 attached to steel frame

1 brick wall of 1 meter height: the wall is 1.5 brick wall at circular post

X-PENDA METAL SHEET and layer of bamboo painted with oil paint

USA Zink sheet of 28 GRADE

4 inch steel circular pipes posts

1.2 *2.2 steel door.

Parapets with double brick cap

Front Elevation

Parapets with double brick cap

20cm Cement block wall

X-PENDA METAL SHEET and layer of bamboo painted with oil paint

40cm*40cm grade beam 6 steel of 16 mm and 8mm links @20cm c/c

30cm height and 40cm width brick wall 1:8 cement mortar

60cm*80cm strip foundation with granite stone and 1:8 cement mortar

Project: Juario Restaurant Juario Area White Nile State

SECTION A2
Project: Restaurant
Contains: Steel Frame Details

**KITCHEN STRIP FOUNDATION PLAN**
- 20X30CM RC Roof Beam
- 4Ø12 Links Ø6@20m c/c
- 40CM*40CM REINFORCED GREAT BEAM
- 6 STEEL BAR OF 16 MM Diameter
- CONCRETE MIX 1:2:4
- 4.00 M*1.2 M STEEL WINDOW

**KITCHEN 2 BRICK WORK PLAN**
- 20X30CM Lentil Beam
- 4Ø12 Links Ø6@20m c/c
- 5CM*60CM STRIP FOUNDATION
- 2 BRICK WALL OF 30CM HEIGHT
- 40CM*40CM REINFORCED GREAT BEAM
- 6 STEEL BAR OF 16 MM Diameter
- CONCRETE MIX 1:2:4

**KITCHEN TABLE**
- 1.00 M*1.2 M STEEL WINDOW
- 2 BURNT BRICKS THICK WALL
- USING C/S MORTAR U8
- 20 CM CEMENT BLOCK WALL BUILT OF 20*20*40
- AND CEMENT SAND MORTAR MIX 1:6
- PLASTERED INTERNALLY AND EXTERNALLY WITH CEMENT SAND MORTAR MIX 1:6

**KITCHEN SECTIONAL ELEVATION VIEW**
- 20 CM CEMENT BLOCK WALL BUILT OF 20*20*40
- AND CEMENT SAND MORTAR MIX 1:6
- PLASTERED INTERNALLY AND EXTERNALLY WITH CEMENT SAND MORTAR MIX 1:6

**KITCHEN 2 BRICK WORK PLAN**
- 10CM THK. RC FLOOR SLAB
- THK8.MM @ 25CM C/C BOTH WAY

**KITCHEN STRIP FOUNDATION PLAN**
- 20X30CM RC Roof Beam
- 4Ø12 Links Ø6@20m c/c
- 40CM*40CM REINFORCED GREAT BEAM
- 6 STEEL BAR OF 16 MM Diameter
- CONCRETE MIX 1:2:4
- 4.00 M*1.2 M STEEL WINDOW

**KITCHEN 2 BRICK WORK PLAN**
- 20X30CM Lentil Beam
- 4Ø12 Links Ø6@20m c/c
- 5CM*60CM STRIP FOUNDATION
- 2 BRICK WALL OF 30CM HEIGHT
- 40CM*40CM REINFORCED GREAT BEAM
- 6 STEEL BAR OF 16 MM Diameter
- CONCRETE MIX 1:2:4

**KITCHEN TABLE**
- 1.00 M*1.2 M STEEL WINDOW
- 2 BURNT BRICKS THICK WALL
- USING C/S MORTAR U8
- 20 CM CEMENT BLOCK WALL BUILT OF 20*20*40
- AND CEMENT SAND MORTAR MIX 1:6
- PLASTERED INTERNALLY AND EXTERNALLY WITH CEMENT SAND MORTAR MIX 1:6

**KITCHEN SECTIONAL ELEVATION VIEW**
- 20 CM CEMENT BLOCK WALL BUILT OF 20*20*40
- AND CEMENT SAND MORTAR MIX 1:6
- PLASTERED INTERNALLY AND EXTERNALLY WITH CEMENT SAND MORTAR MIX 1:6
Contains:

- 4 inch steel circular pipes.
  - 1.5 mm thickness- Anti-corrosion + Oil paint yellow color.
- 1 brick wall but 1.5 brick wall at steel post area, plastered with cement sand mortar and painted with pomastic paints.
- USA Zink Sheets attached 4* 8 box pipe supports
- Column "19 No.", 4 inch steel circular pipes.
  - 1.5 mm thickness- Anti-corrosion + Oil paint yellow color.
- Column support 4X8 cm Hollow rectangular.
  - 5 cm length. welded to column post.
  - Anti-corrosion + Oil paint yellow color.
- Thk. 8mm steel plate
  - Size: 30X30 cm,
  - Anti-corrosion + Oil paint yellow color
  - 4 anchor bolt, Ø 10 mm welded to base steel
- 50X50X75 cm RC Base,
  - 1:2:4 mix,
  - Steel: Y 4 Ø 12 mm.
  - Links: 1X8mm @ 150mm
Project: Juery
Restaurant
Juery Area White Nile State

Contains:
Steel roof details

4*8 steel box pipe trusses
4*8 steel box pipe purlins*8cm c/c
Sectional Details

Typical Sections

GRANITE HARD ROCK FOUNDATION USING C/S MORTAR 1:8

MIN. 0.60 M.

Horizontal Support, 4X8 cm Hollow rectangular. Anti-corrosion + Oil paint yellow color. Welding Joints accepted

One Brick Wall and 4 brick at steel columns area cement sand mortar, plastered with C/S plaster

4 inch steel circular pipe posts

EXPANDED METAL SHEET

USA Zink sheet of 28 GRADE

ELECTRICAL LAYOUT

South Side Steel frame Details

Project: Juary
Contents:

Steel Frame Details

Scale NT5 A3

A6
1.0 Brick Stand built from good quality solid block covered with 30*30 good tiles

5 water taps of 1/2 inch

30 cm brick seat built of good solid block and cement sand mortar of mix 1:6 and tiled with 30*30 tiles

10 cm reinforced concrete slab

2.00

1/2 BBR water pipe from water tank

Pipa with screen

Gali trap

2 inch pipe to soak-away or green area

Plan View

SECTIONAL VIEW

SECTIONAL VIEW

FRONT VIEW

Hand Washing Point Details

COLD WATER 1/2" TAP
PIPA
1/2" UPVC WASTE WATER PIPE

SYMBOL
DESCRIPTION
COLD WATER 1/2'' TAP
PIPA
1/2" UPVC WASTE WATER PIPE
1/2" UPVC WASTE WATER PIPE
1/2" UPVC SOIL WATER PIPE
1/2" UPVC DRIP TAP

Valve

2.00

2 inch drainage pipe to soak-away or green area

3/4 BBR pipe from water the elevated tank

1.0 Brick Stand built from good quality solid block covered with 30*30 tiles
**Note:**
- The steel frame and the steel sheet shall be of good quality.
- The steel frame and the sheet shall be painted with antirust and final coats.
- The contractor shall properly write and draw as indicated in the BoQ.

Heavy steel sheet fully welded to 4*8 steel box pipe frame.

- The steel frame and the steel sheet shall be of good quality.
- All steel members shall be painted with antirust and final coats.
- The contractor shall properly write and draw as indicated in the BoQ.
- The plain concrete is of 1:3:6 mix and shall be treated properly with water.
- All dimensions are in meters unless otherwise stated.

**Front Elevation View**

- 4*8 steel box pipe frame painted with antirust paint.
- 2 inch steel angle.
- Plan concrete.

**Side Elevation View**

- 4*8 steel box pipe support.

**Rear Elevation View**

- 2 inch steel angle.