CONSTRUCTION OF PREFABRICATED FORENSIC EVIDENCE COLLECTION UNITS IN BALUCHISTAN

DRAWINGS
CONSTRUCTION OF PREFABRICATED FORENSIC EVIDENCE COLLECTION UNITS IN BALUCHISTAN

PROJECT: SEPTIC TANK & SOAK PIT DETAILS

WALL PANELS
- Effective Coverage: 1000mm or 1M
- Color Steel Plate Thickness: 0.45mm
- Insulation Material Thickness: 50mm

ROOF PANELS
- Effective Coverage: 1000mm or 1M
- Color Steel Plate Thickness: 0.45mm
- Insulation Material Thickness: 50mm

INSULATION
- Density: 40 Kg/cubic meter
- Thickness: 50mm

DOORS
- Prefab Doors

WINDOWS
- UPVC

HARDWARE
- Welding Wires
- Drilling Screws
- Silicon
- Rivets
- Rawal Bolts

MATERIAL
- Hollow Structural Steel
- Milled Steel U Channel
- Color Steel Sheet of 0.45mm Thickness

FUNCTION
- Used for Framing
- Used as Base for Wall Panels
- Used for Roof Side Covers

PAINT
- Red Oxide + Enamel Paint for Rust Resisting

FOR DETAILS SEE SPECIFICATION TABLE

SECTION A-A

FOR TILES SEE DETAIL SHEET A1

FOR FLOOR DETAIL SEE DETAIL SHEET A2

NOTES:

CONSTRUCTION ENGINEERING & PROJECT MANAGEMENT SERVICES

Admin Unit, Juba, South Sudan

06-01-2021

REHMAN ULLAH

HSS Frame

Material: Hollow Structural Steel
Function: Used for Framing
Paint: Red Oxide + Enamel Paint for Rust Resisting

Milled Steel U Channel

Material: Milled Steel U Channel
Function: Used as Base for Wall Panels

Color Steel Sheet of 0.45mm Thickness

Material: Color Steel Sheet of 0.45mm Thickness
Function: Used for Roof Side Covers

Welding Wires

Material: Welding Wires
Function: Used for Welding

Drilling Screws

Material: Drilling Screws
Function: Used for Drilling

Silicon

Material: Silicon
Function: Used for Sealing

Rivets

Material: Rivets
Function: Used for Joining

Rawal Bolts

Material: Rawal Bolts
Function: Used for Fixing
CONSTRUCTION OF PREFABRICATED FORENSIC EVIDENCE COLLECTION UNITS IN BALUCHISTAN

ELEVATIONS

UNODC
United Nations Office on Drugs and Crime
FOUNDATION PLAN

FLOOR SLAB REINFORCEMENT PLAN

#3 @ 9" C/C BOTHWAYS

FLOOR SLAB REINFORCEMENT DETAILS

5" THICK RCC 1:2:4 FLOOR SLAB

#3 @ 9" C/C BOTHWAYS

FLOOR SLAB REINFORCEMENT DETAILS

4" THICK PCC 1:4:8
G 28 Pre-painted Iron roofing sheets
RHS Steel purlins 40 x 40 x 2.5mm
RHS Steel Truss 80 x 40 x 2.5mm
RHS Steel Columns 100 x 50 x 3mm
Plain concrete footing 400 x 400 x 600mm.
Roof line

SECTION X-X

Plain concrete footing 15" x15" x 24"
PLAN

WATER LEVEL IN TANK
GROUND LEVEL
600X600MM MANHOLE COVER
PLAN
WATERPROOF LINING 20MM SULPHATE RESISTANT RENDER OR BITUMEN PAINT-INTERNAL AND EXTERNAL
Ø100MM OUTLET PIPE TO ABSORPTION PIT
Ø100MM INLET PIPE
#3 @8" C/C BW
LEAN CONCRETE
Ø5'-0" INTERNAL
SOLID CEMENT BLOCK WALLS
SEPTIC TANK
SOAK PIT
GROUND LEVEL
4'-0"
3'-0"
2'-0"
1'-0"
2'-6"

SECTION
4x #4 Bars with #3 Bars Stirrups @ 12" c/c
LEAN CONCRETE
T10@200MM C/C BW (MESH)
10'-0"
6"
3"
Ø 2'-0"
1'-6"
SOLID CONCRETE BLOCK WALL
WATERPROOF LINING 20MM SULPHATE RESISTANT RENDER OR BITUMEN PAINT-INTERNAL AND EXTERNAL FROM LID TO 1000MM UNDER GROUND LEVEL
WATER LEVEL IN TANK
1'-0"
2'-0"
2'-6"

NOTES:

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06-01-2021
SEPTIC TANK & SOAK PIT DETAILS

REHMAN ULLAH
BF-EC-06
1" INLET PIPE FROM SOURCE
GROUND LEVEL
600X600MM MANHOLE COVER
PLAN
WATERPROOF LINING 20MM SULPHATE RESISTANT RENDER OR BITUMEN PAINT-INTERNAL AND EXTERNAL

" OUTLET PIPE TO OHWT
OUTLET PIPE
LEAN CONCRETE
2'-0"
4"
5'-4"
8'-0"

#4 @8" C/C BW
SOLID CEMENT BLOCK WALLS

UNDER GROUND WATER TANK
GWADAR ONLY

WATERPROOF LINING 20MM SULPHATE RESISTANT RENDER OR BITUMEN PAINT-INTERNAL AND EXTERNAL
SOLID CEMENT BLOCK WALLS

PLAN

SECTION
10'-6"

NOTES:

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06-01-2021
UNDER GROUND WATER TANK

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UNODC

CONSTRUCTION OF PREFABRICATED FORENSIC EVIDENCE COLLECTION UNITS IN BALUCHISTAN

UNODC

UNODC
TYPICAL SECTION