

5cm thick
PCC M150

+300

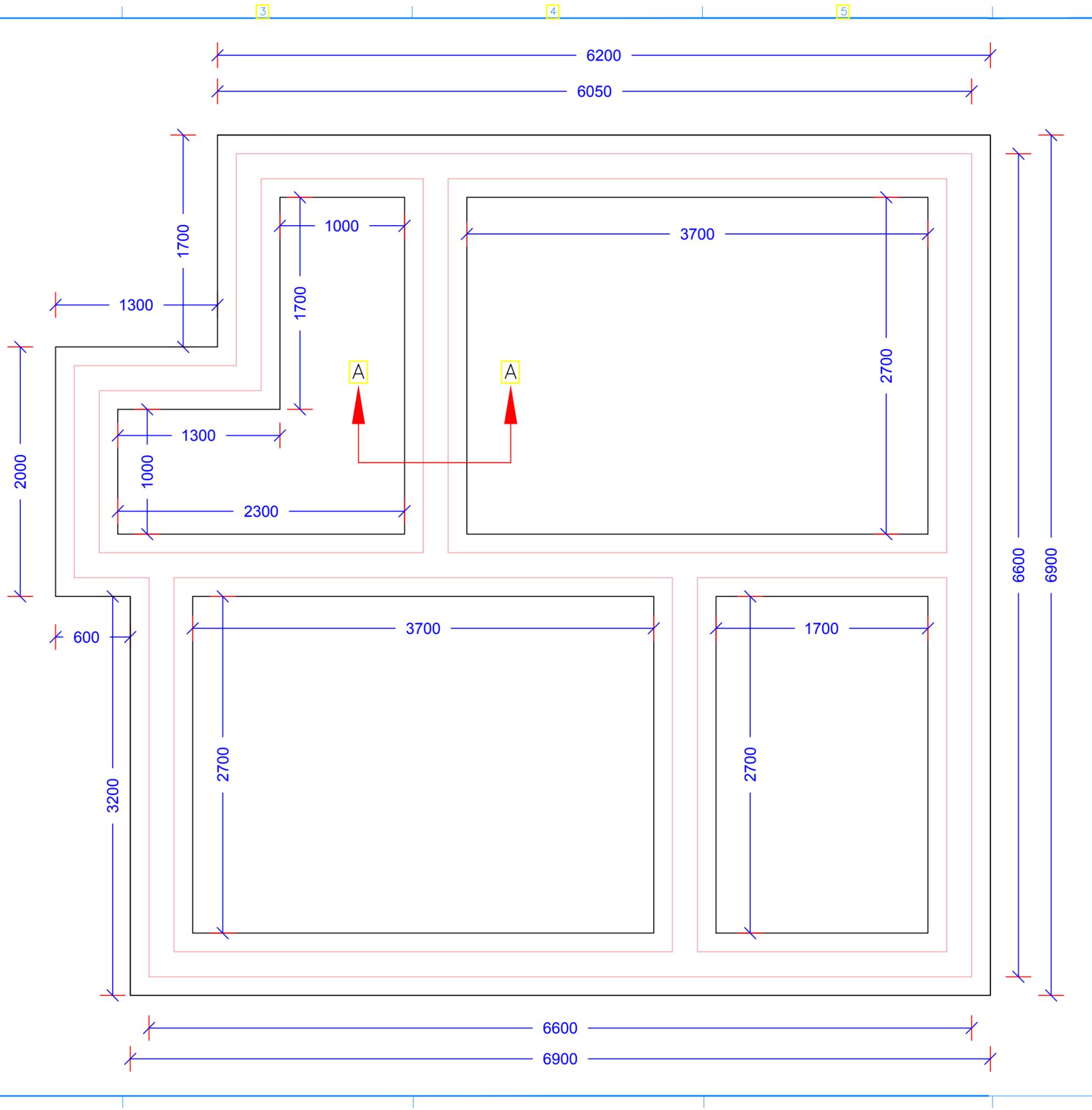
+250

GL +0.00

-600

In case of loose soil under stone masonry footing, backfill with gypsum/chalk soil about 30 cm.

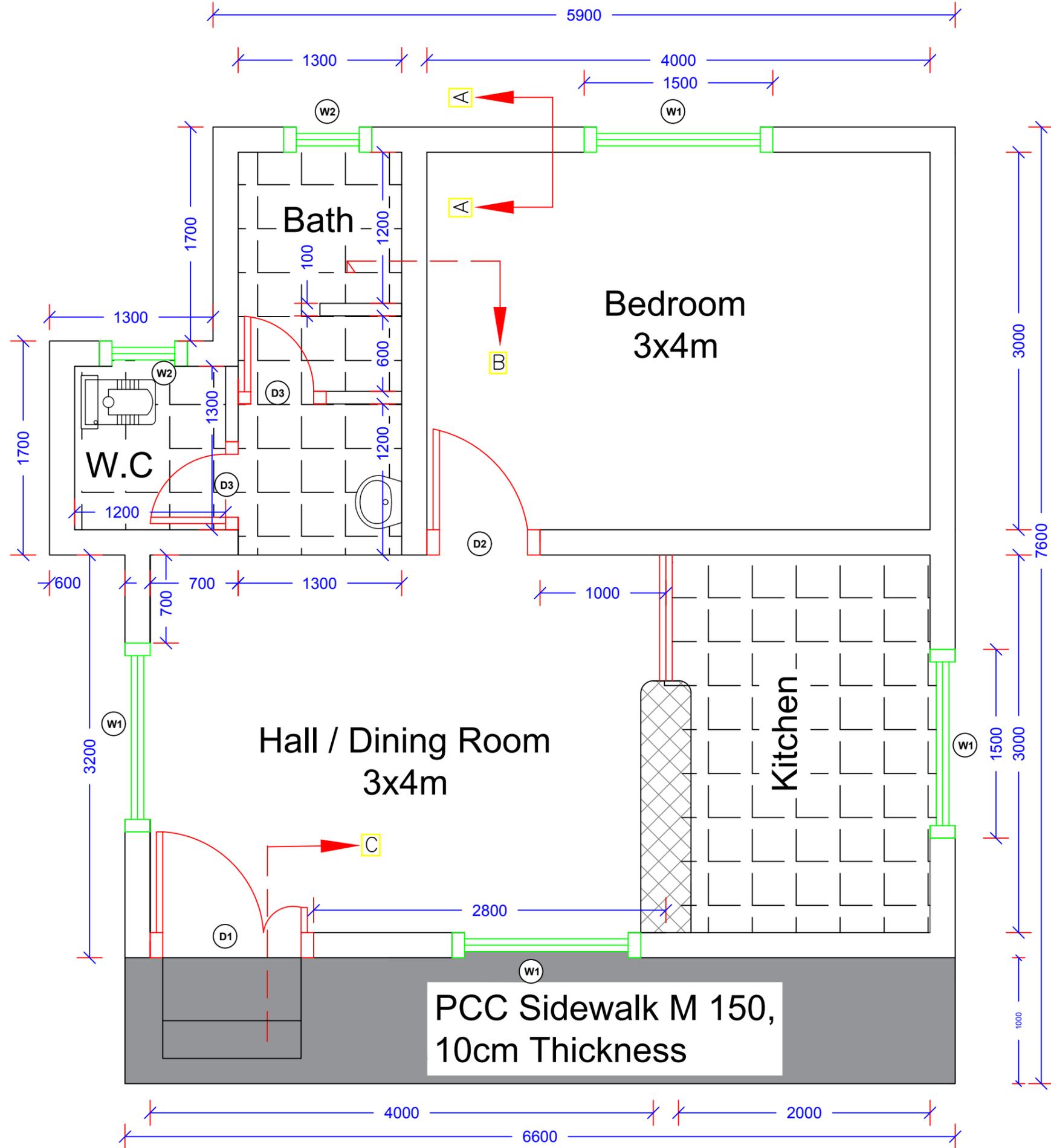
Section A-A



WORLD VISION AFGHANISTAN		World Vision ورلد ویژن	
SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT			
Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG
FOUNDATION PLAN		Sheet Reference Number: A3	W-01 1 of 9
Plot Date: 18-Mar-21		Plot Scale: NTS	

DOOR AND WINDOW LEGEND TABLE

Number	Name	Dimension (mm)	Type	Numbers
1	Window 1	1500 x 1500	Metallic	4
2	Window 2	700 x 500	Metallic	2
3	Door 1	1200 x 2700	Metallic	1
4	Door 2	1000 x 2700	China pre fabricated (ANSAR DOOR)	1
5	Door 3	700 x 2200	Aluminum pre-fabricated door	2



WORLD VISION AFGHANISTAN

SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT



ورلد ویژن

Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG

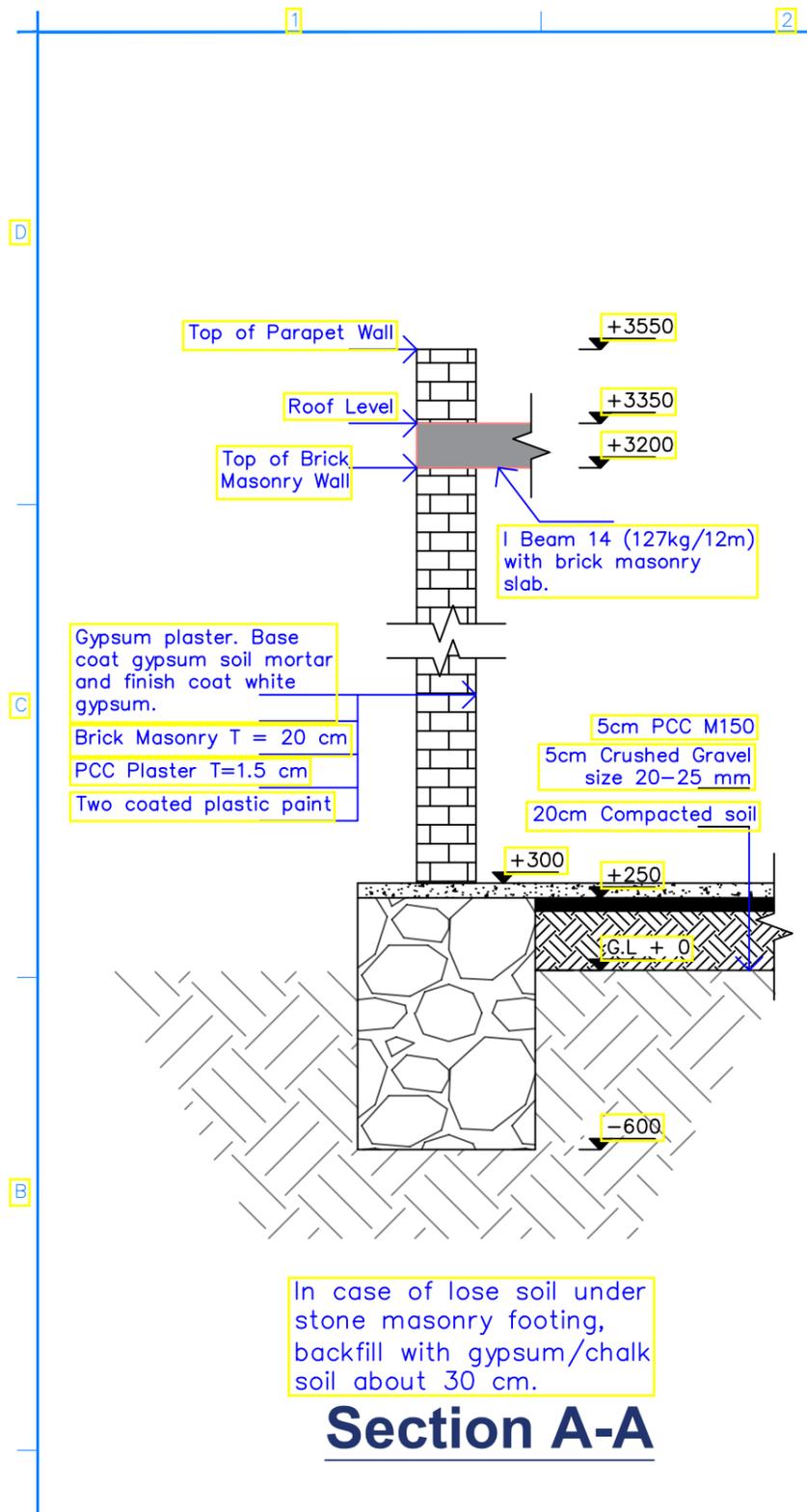
Architectural Plan

A3

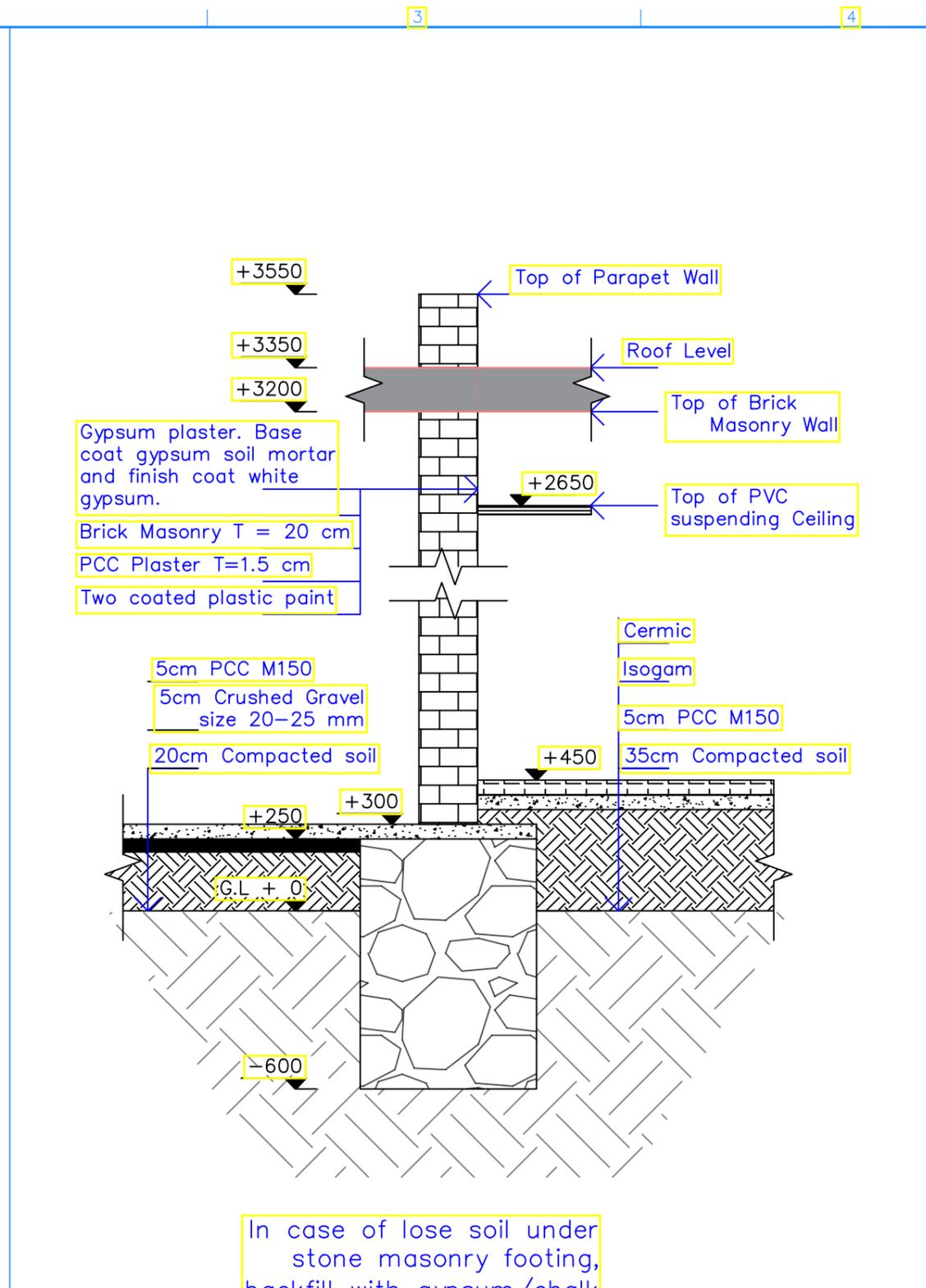
Sheet Reference Number:
W-01
2 of 9

Plot Date:
1-Apr-21

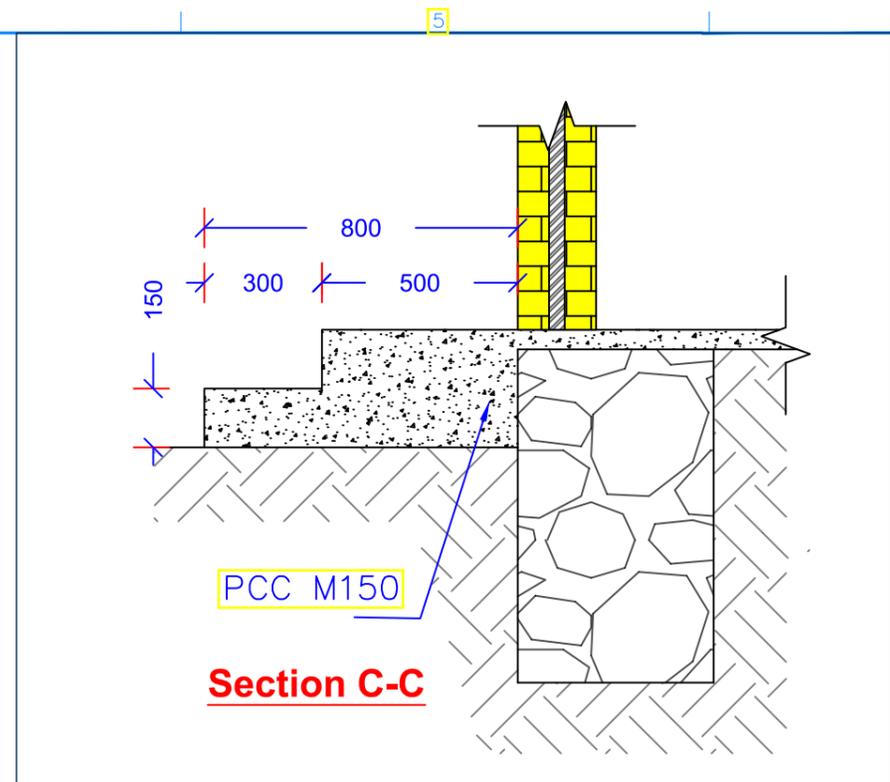
Plot Scale:
NTS



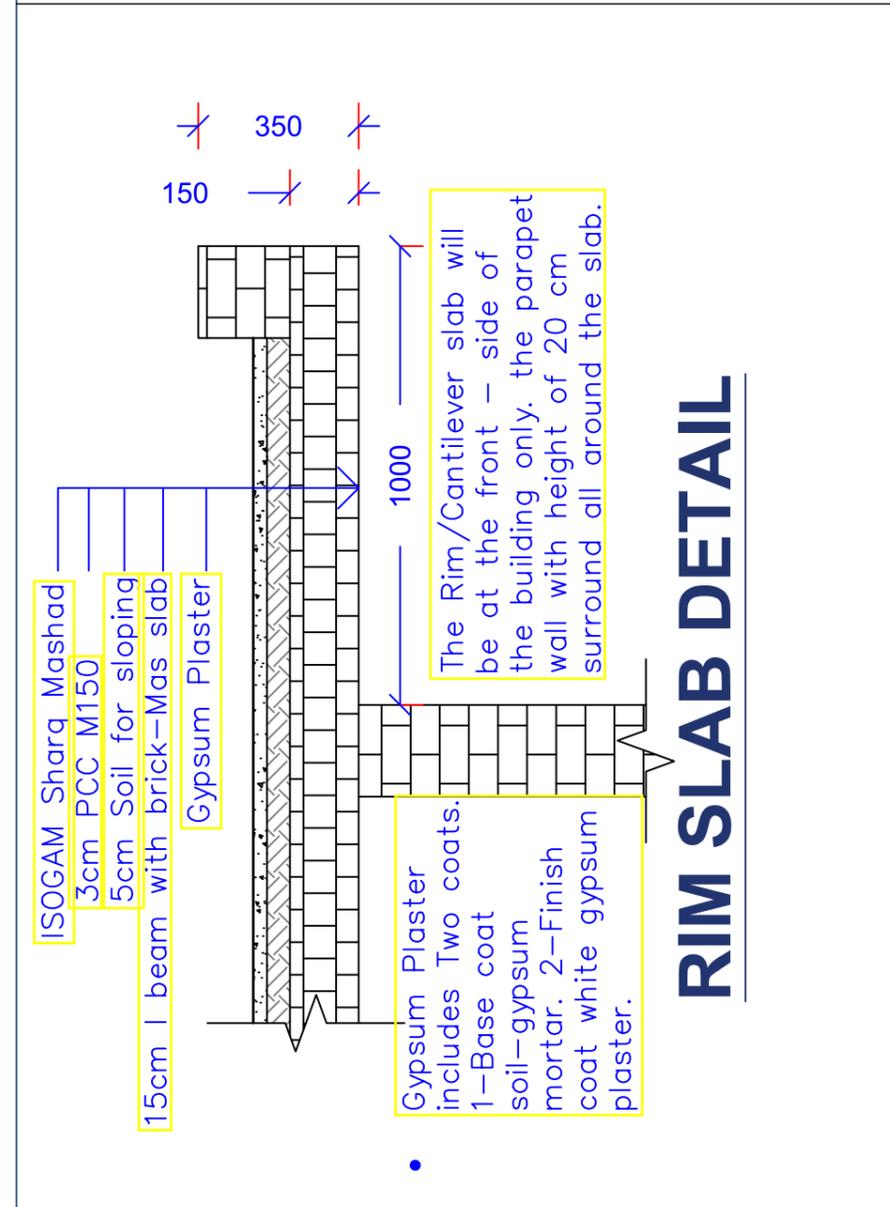
Section A-A



Section B-B

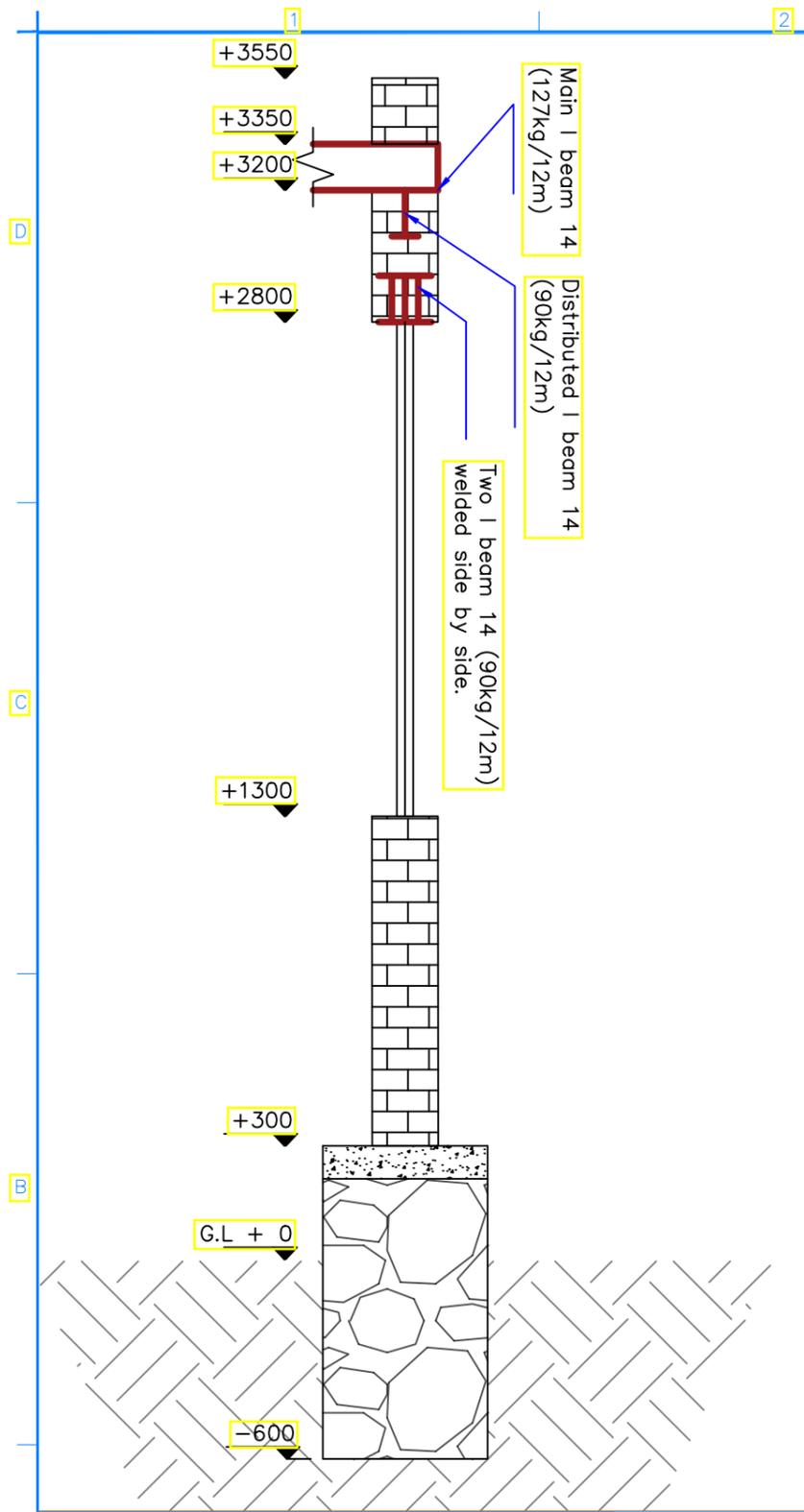


Section C-C

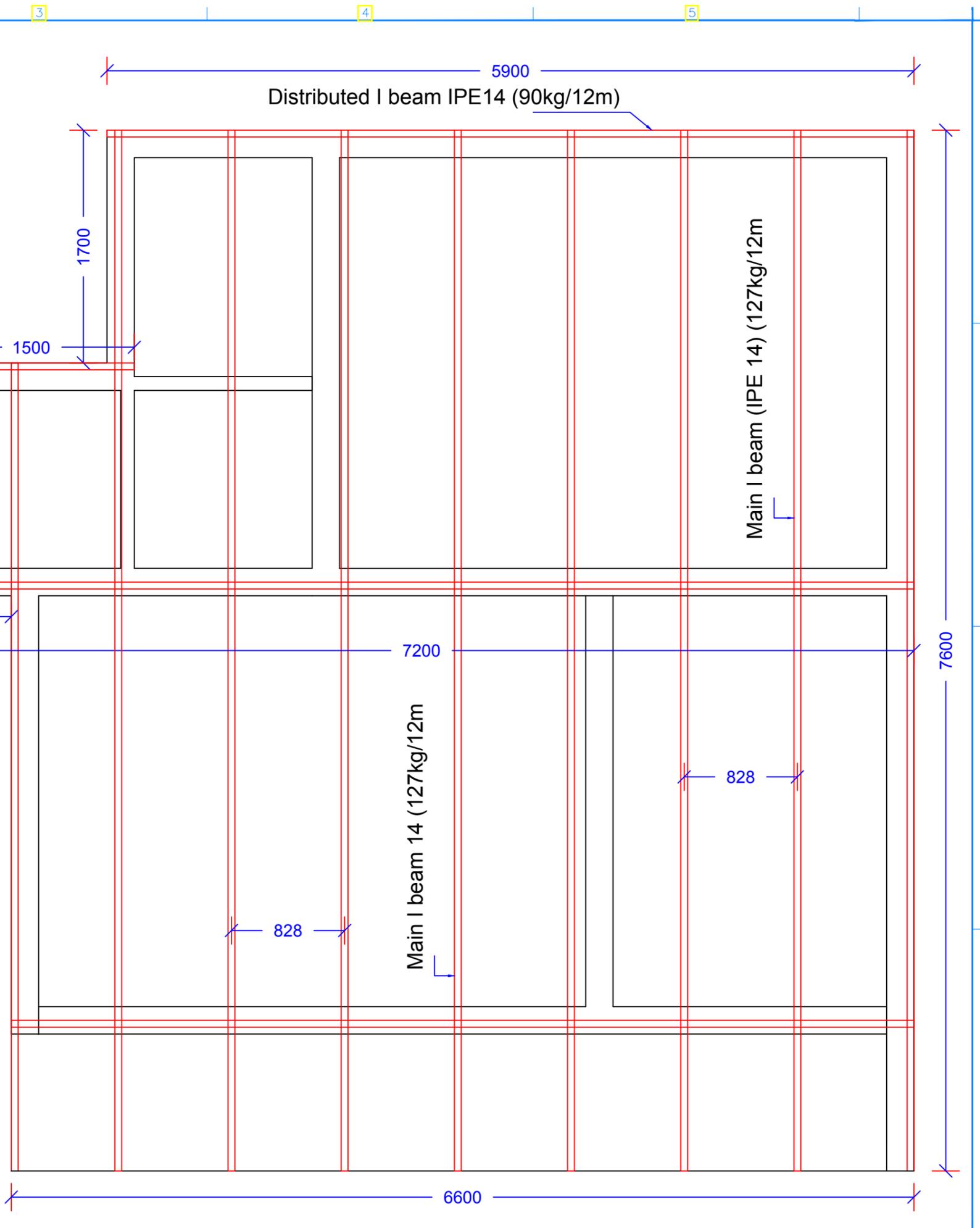


RIM SLAB DETAIL

WORLD VISION AFGHANISTAN		World Vision	
SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT		ورلد ویژن	
Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG
SECTION DETAIL		Sheet Reference Number: A3	W-01 3 of 9
Plot Date: 1-Apr-21	Plot Scale: NTS		



- Notes:**
- All dimensions are in millimeter unless otherwise mentioned
 - All Main I Beams are I beam with IPE 14 (127 kg/12m).
 - Distributed Beams are IPE 14 (90kg/12m).
 - Lintels at each openings (doors and windows) are tow I beams with IPE 14 (90kg/12m) welded side by side with 30cm development length on each side.
 - Use spacing and dimensions shown in the drawing.



WORLD VISION AFGHANISTAN
 SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT

World Vision
 ورلد ویژن

Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG

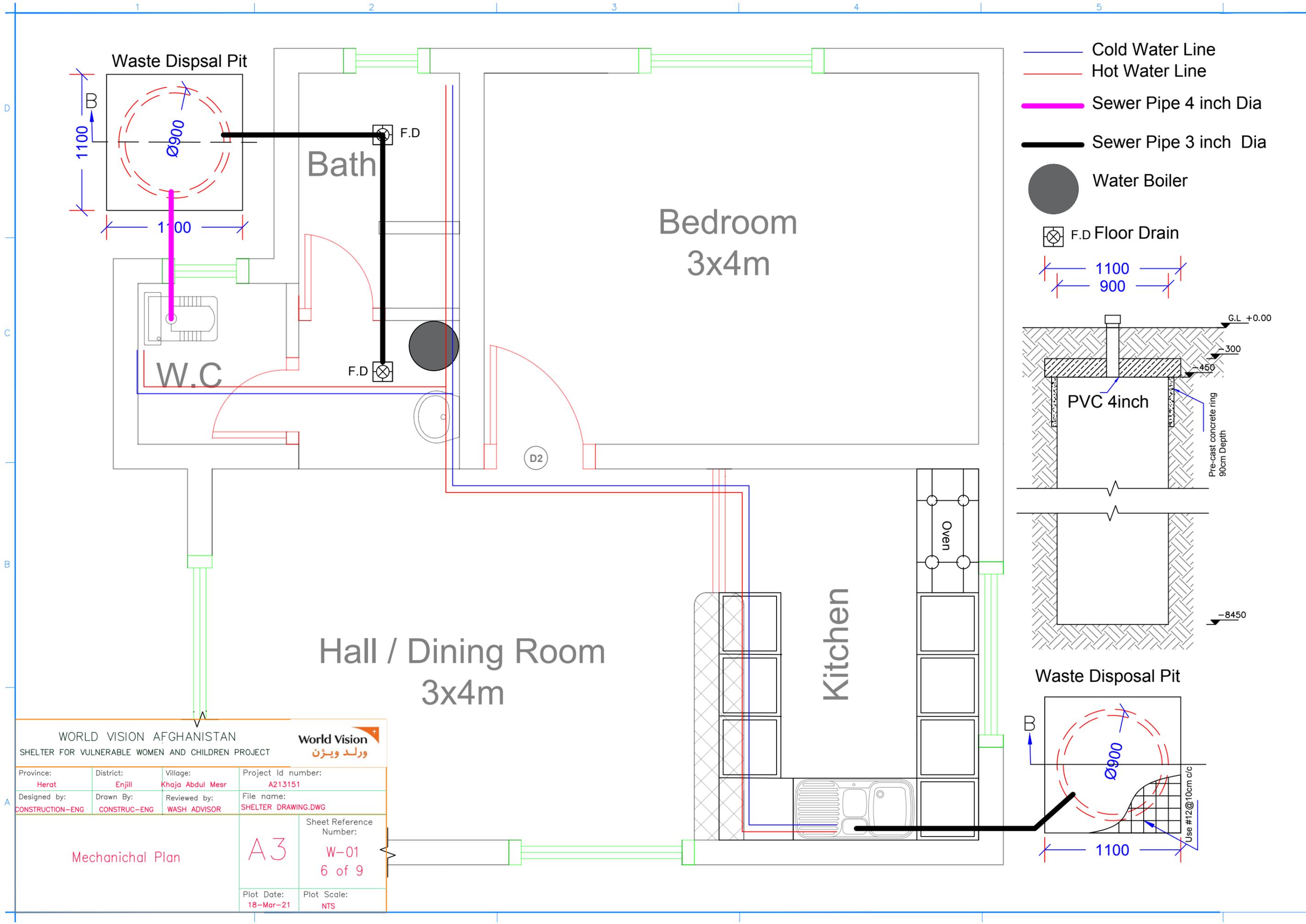
SLAB AND RIM DETAIL

Sheet Reference Number:
A3

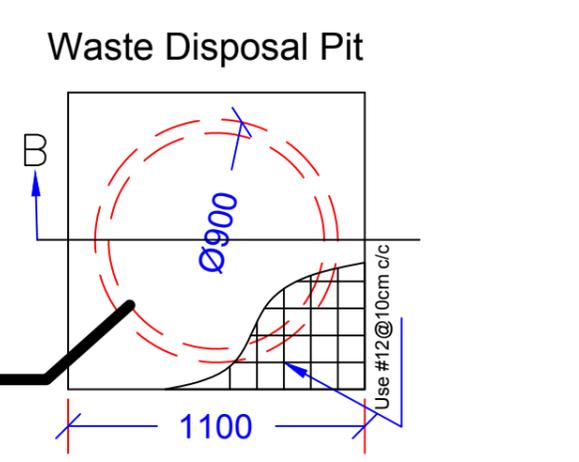
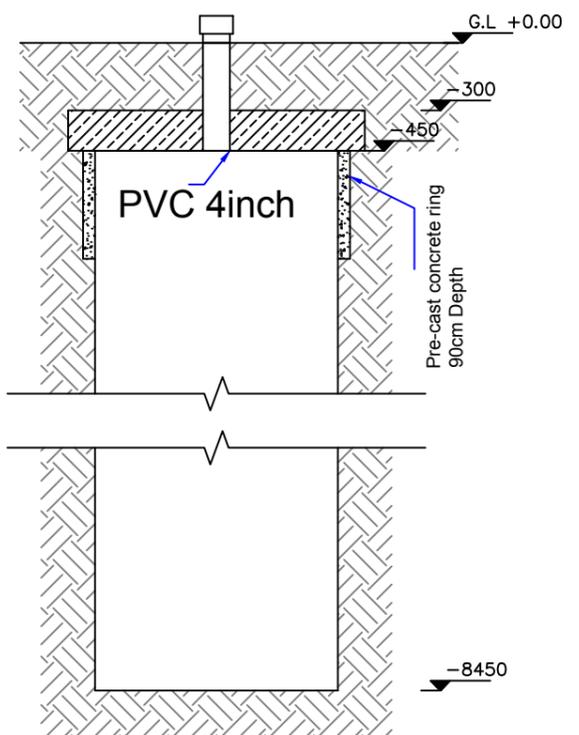
W-01
4 of 9

Plot Date:
18-Mar-21

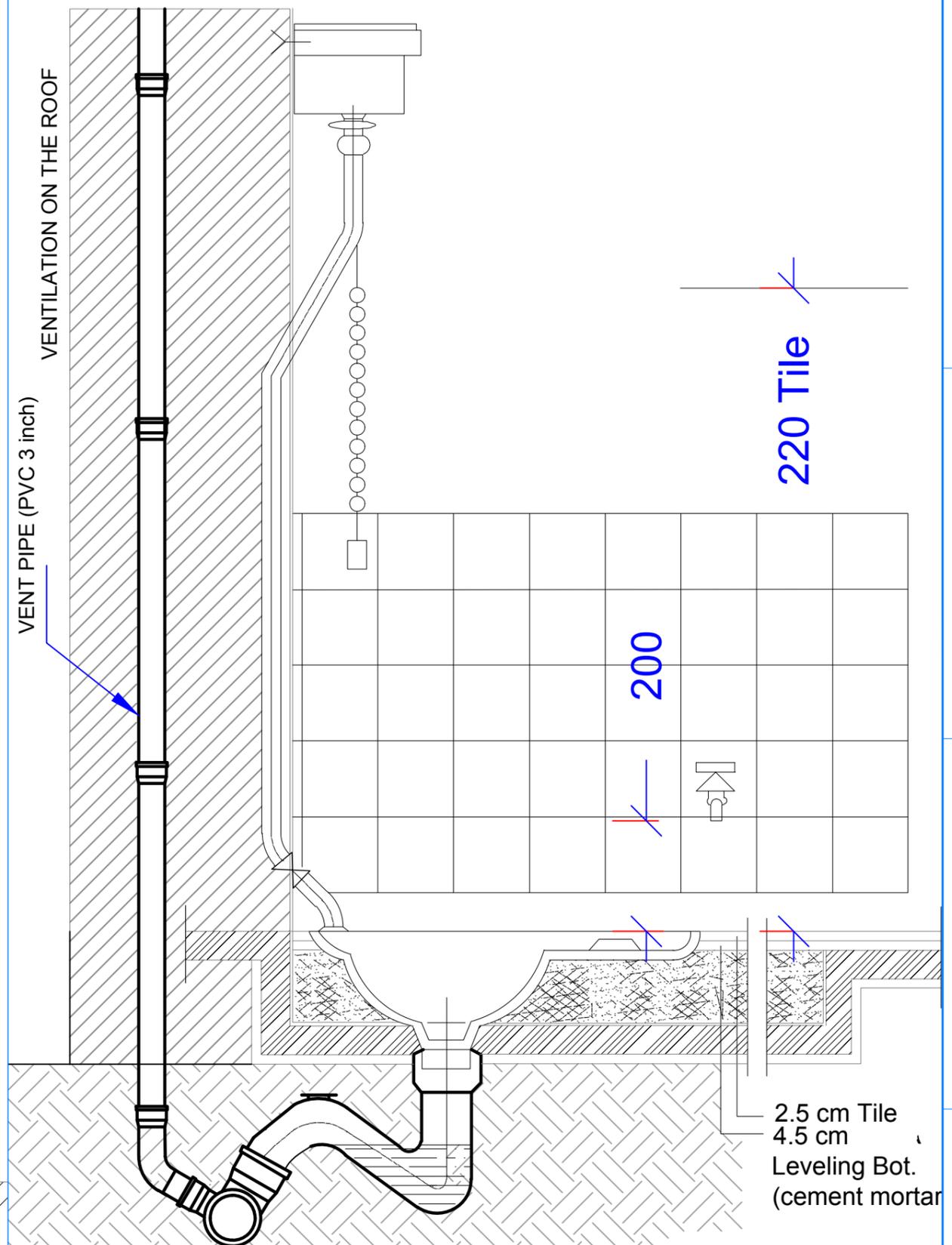
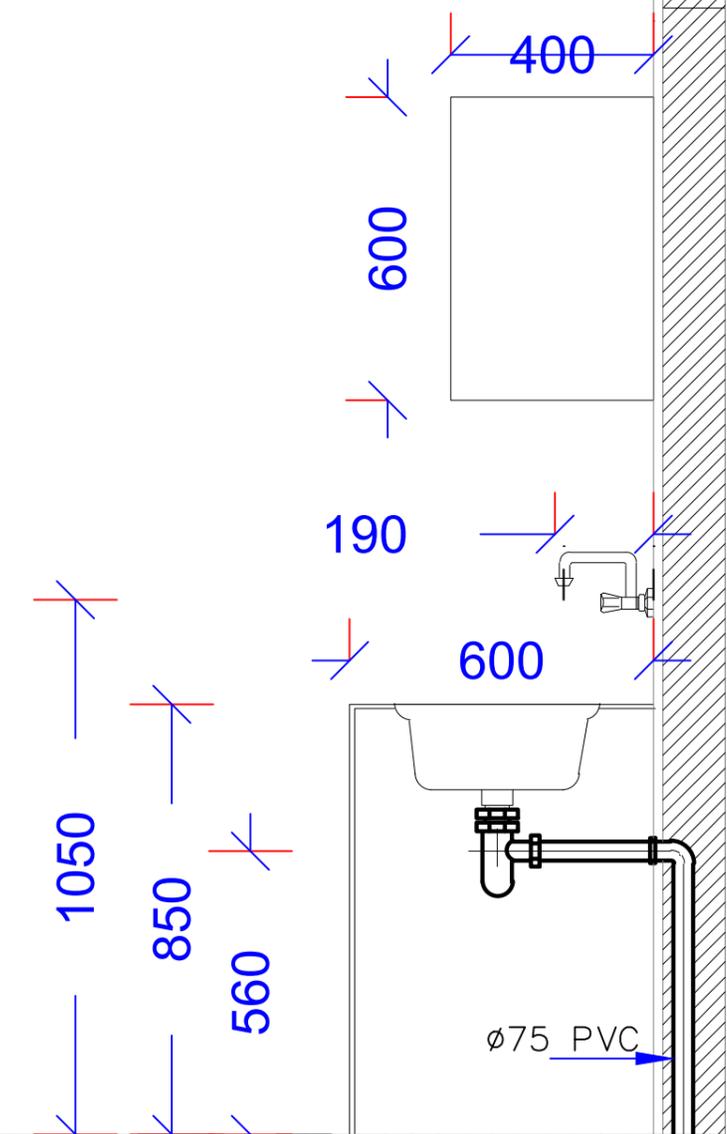
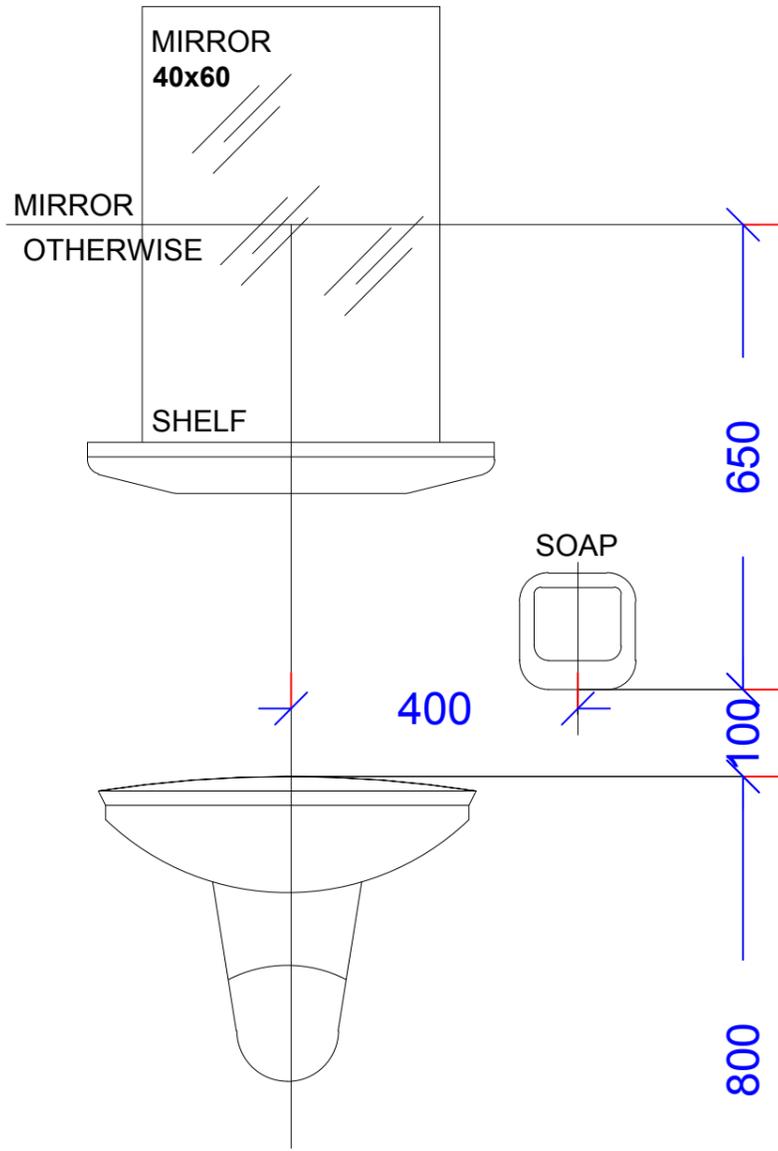
Plot Scale:
NTS



- Cold Water Line
- Hot Water Line
- Sewer Pipe 4 inch Dia
- Sewer Pipe 3 inch Dia
- Water Boiler
- ⊗ F.D Floor Drain
- | 1100 |
- | 900 |



WORLD VISION AFGHANISTAN SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT				 ورلد ویژن
Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151	
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG	
Mechanical Plan		A3	Sheet Reference Number: W-01 6 of 9	
Plot Date: 18-Mar-21		Plot Scale: NTS		



WORLD VISION AFGHANISTAN SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT				 ورلد ویژن
Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151	
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG	
Sanitary Fixtures		A3	Sheet Reference Number: W-01 7 of 9	
Plot Date: 18-Mar-21		Plot Scale: NTS		

**DIMENSION AND CONNECTION DETAILS
PLACEMENT OF EASTERN TOILETS**

Symbol Definition

Wall Light



Spiral lap - 70 W power
- E27 standard -
Equipped with PTC



One pole switch
(under plaster)



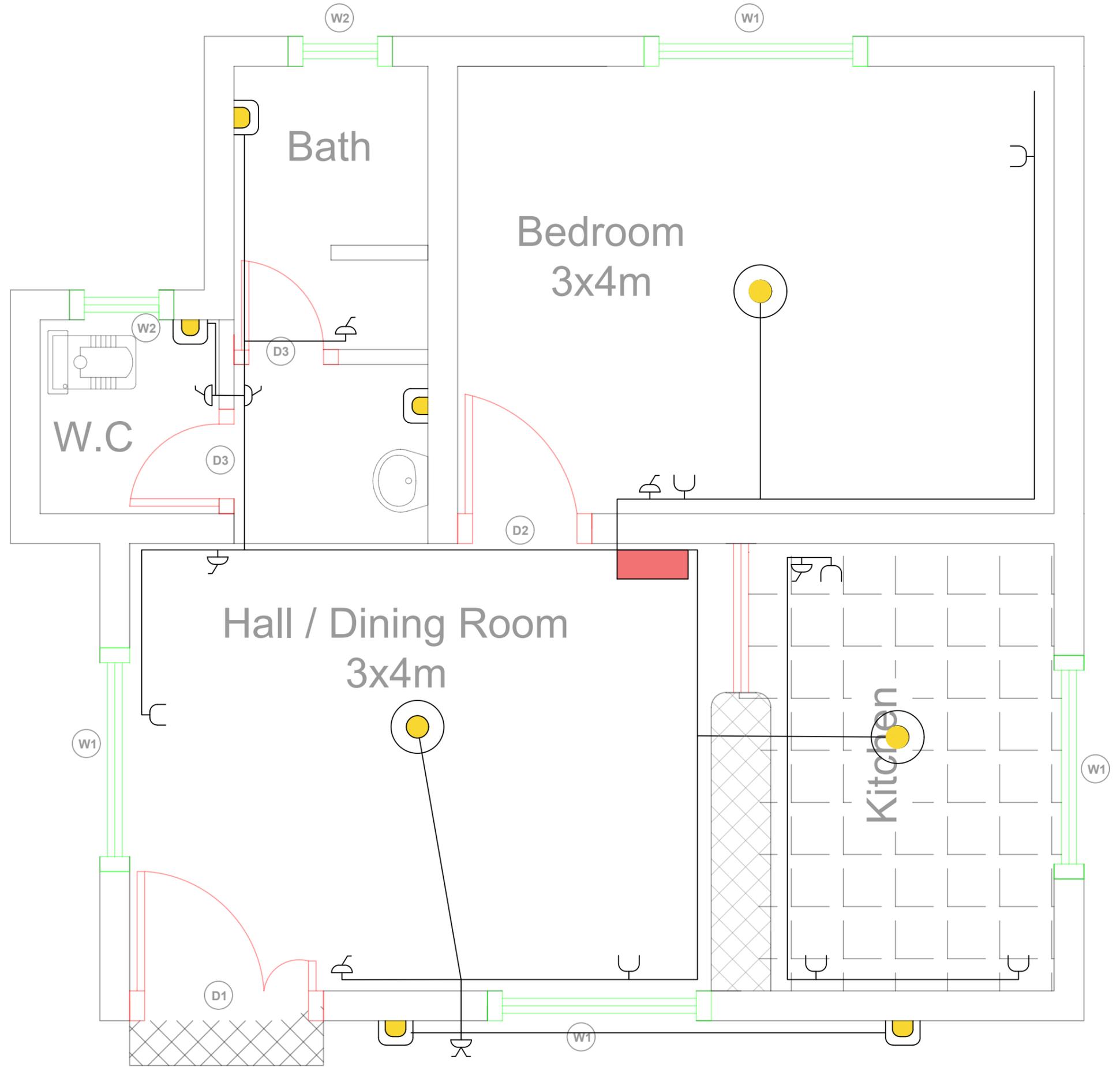
Socket



Wire NYIF 2x2.5 mm2 Cu



Fuse Box (all the Room
should have fuse)



WORLD VISION AFGHANISTAN
SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT



Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG

Electrical Plan	A3	Sheet Reference Number: W-01 8 of 9
		Plot Date: 18-Mar-21

WASH Provision for shelter.

- a. Supply and installation of 1000 liter Horizontal water tank (polyethylene plastic tank).
- b. Pipe distribution inside shelter. PPR pipe, with PN 20, shall be used for cold and hot water pipeline.
- c. PVC pipe 6 bar shall be used for sewer system
- d. insulation of pipes where exposed to the open air. like Inlet and outlet pipes.
- e. All Pipes, vertical and horizontal shall run beneath wall surface.
- f. Sanitary fixtures:**
 - f.a. supply and installation of hand washing sink, mixer valve, mirror, and soap shelf along with water supply and sewer connection.
 - f.b. supply and installation of shower, mixer valve for shower, floor drain, with all required water and sewer connections inside bath.
 - f.c. supply and installation of Eastern water closet, flash tank 9litre capacity, Moslem shower with PIS valve inside W.C. with all water and sewer connections.
 - f.d. supply and installation of dish washing sink, dish washing mixer valve inside kitchen with all water and sewer connection.
- g. Waste disposal pit**
 - g.a. digging of tow pits one for Bath and WC and one for kitchen. with 90cm diameter and 8 meter depth.
 - g.b. construction of RCC Cover 110x110mm dimension with 15 cm thickness for pits.
 - g.c. supply and installation of two RCC ring at top of pit.
 - g.d. the inlet pipe shall be at least 30 cm lower than RCC cover.
 - g.e. removal of the excavated materials from the site.
- h. Leakage test shall be done for both water supply and sewer system to ensure there is no leakage in the pipe system.
- i. installation of P-Trap system for all floor drains and W.C sink and dish washing sink.
- j. ensure P-Traps are installed level to avoid bad odors.
- k. installation of vent pipe for toilet. ensure the vent pipe is placed inside the brick masonry wall.

Doors and windows

- a. Metallic door and windows:** supply and installation of one metal door for Hall, 4 metallic window for kitchen, hall and bedroom same size and tow metallic window for bath and toilet same size, as per following specification.
 - a.a. all profile (Doors and windows) should be 16 gauge painted with (one layer of rust proof , tow layers of silver color oil paint.
 - a.b. door casing -U-LARAN 16 gauge.
 - a.c. door panels 18 gauge -IRON sheet.
 - a.d. door rail profile (8x4)cm 16 gauge.
 - a.e. Door and window glass panels - 4mm blue color glass
 - a.f. manual lock and latch set at both side.
 - a.g. prior to installation door should be properly painted with (one layer of rust proof , two layers of silver color oil paint.)
- b. Bedroom :** supply and installation of pre-fabricated door made in china.
 - b.a. prior to supply and installation, the door shall be check and approve by World Vision engineer.
- c. Toilet, and Bath door:**
 - c.a. supply and installation of pre-fabricated aluminum door.
 - c.b. prior to installation shall be approved by world vision responsible engineer.

WORLD VISION AFGHANISTAN		World Vision ورلد ویژن	
SHELTER FOR VULNERABLE WOMEN AND CHILDREN PROJECT			
Province: Herat	District: Enjill	Village: Khaja Abdul Mesr	Project Id number: A213151
Designed by: CONSTRUCTION-ENG	Drawn By: CONSTRUC-ENG	Reviewed by: WASH ADVISOR	File name: SHELTER DRAWING.DWG
WASH SPEC		A3	Sheet Reference Number: W-01 9 of 9
Plot Date: 1-Apr-21		Plot Scale: NTS	