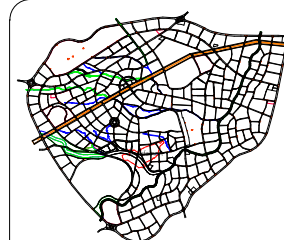


**Project title :**  
Carpenry and Welding Workshops

**Project Location:**  
Marib - Aljufainah camp



**Funded By :**  
KSR

**Implemented by :**  
IOM - The UN  
Migration Agency

**Sheet title :**  
Architctural plan & 3D

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**Designed by :**  
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Program Assistant - ESU/CCCM

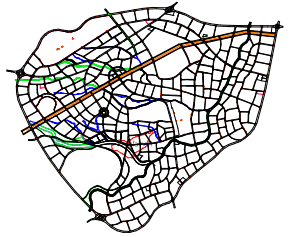
**Reviewed by :**  
Tewodros Woldegiorgis  
Technical Officer - ESU/CCCM

February - 2021

IOM Marib - CCCM

**Project title :**  
Carpentry and Welding Workshops

**Project Location:**  
Marib - Aljufainah camp



**Funded By :**  
KSR

**Implemented by :**  
IOM - The UN  
Migration Agency

**Sheet title :**  
Structural plans & Details

**GENERAL NOTE:**

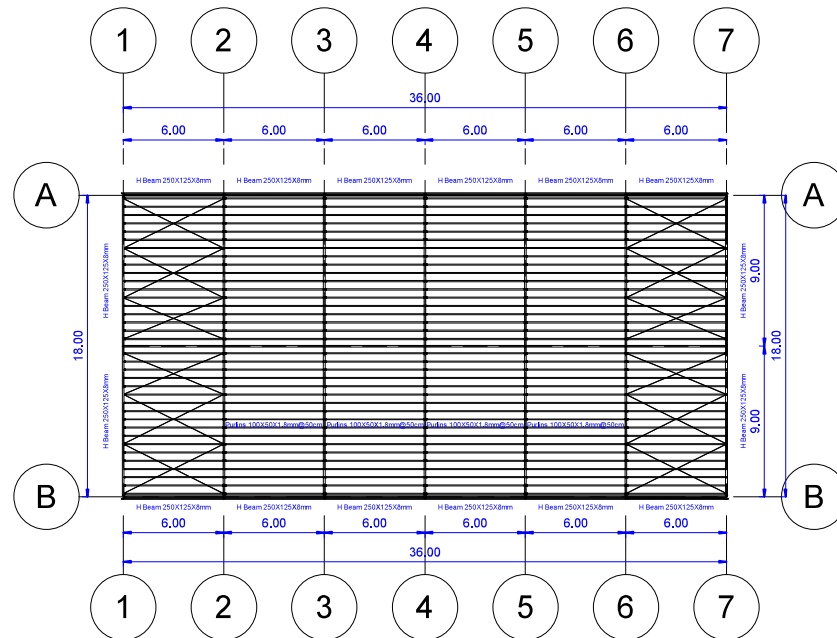
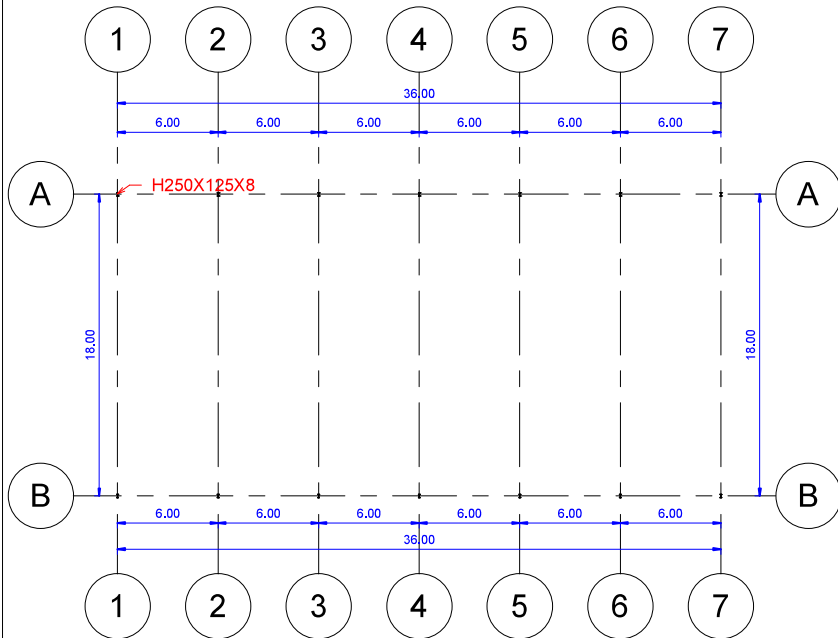
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Tewodros Woldegiorgis  
Technical Officer - ESU/CCCM

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Beams Details		
Beam Name	Section mm	Grade
MB,1	H250X125X8	A572 Gr.50

Purlins Details		
Purlin Name	Section mm	Grade
Purlin	HSS100X50X1.8	A572 Gr.50

Columns Details		
Column Name	Section mm	Grade
C1	H250X125X8	A572 Gr.50

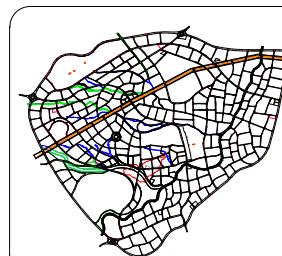
Base plate steel Details				Bolts			
Baseplate Name	Section mm			Grade	Number	DIM.(mm)	Anchor length mm
	N	B	T				
MB,1	250	220	10	A490	4	16	800

**NOTES:**

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATION AND AMERICAN CONCRETE CODE (ACI 318-08) AND (AISC).
- NET ALLOWABLE BEARING CAPACITY OF SOIL IS ASSUMED TO BE 180 KN/m<sup>2</sup>
- MINIMUM CONCRETE CUBE STRENGTH (F'c = 25 MPa)
- YIELDING STRESS OF REINFORCEMENT STEEL IS GRADE 40 Fy= 280 MPa.
- CLEAR CONCRETE COVER TO REINFORCEMENT FOR FOUNDATION SHALL BE AT LEAST 70 MM.
- DO NOT SCALE, USE WRITTEN DIMENSIONS ONLY.
- CONCRETE SHOULD BE MIXED MECHANICALLY.
- THE SLICE LENGTH OF STEEL IS NOT LESS THAN 50Ø OR
- BAR LENGTH SHALL BE ADJUSTED TO SATISFY THE MINIMUM DEVELOPMENT LENGTH REQUIREMENTS
- REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY IT IS NOT NECESSARILY SHOWN IN TRUE PROJECTION
- SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES
- THICKNESS OF PLAIN CONCRETE IS 0.1 m
- THE DESIGNER IS NOT RESPONSIBLE IN A SITUATION OF NOT BEING AS A SUPERVISOR.
- Grade of steel members (Columns, Beams, Purlins) is A572 Gr.50

**Project title :**  
Carpentry and Welding Workshops

**Project Location:**  
Marib - Aljufainah camp



**Funded By :**  
KSR

**Implemented by :**  
IOM - The UN  
Migration Agency

**Sheet title :**  
Section & Details

**GENERAL NOTE:**

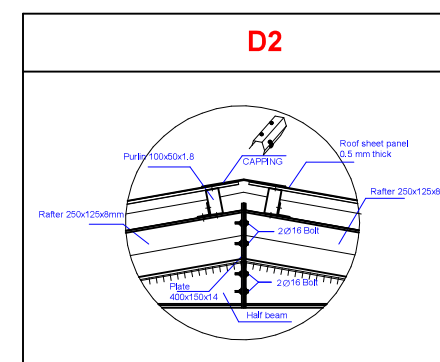
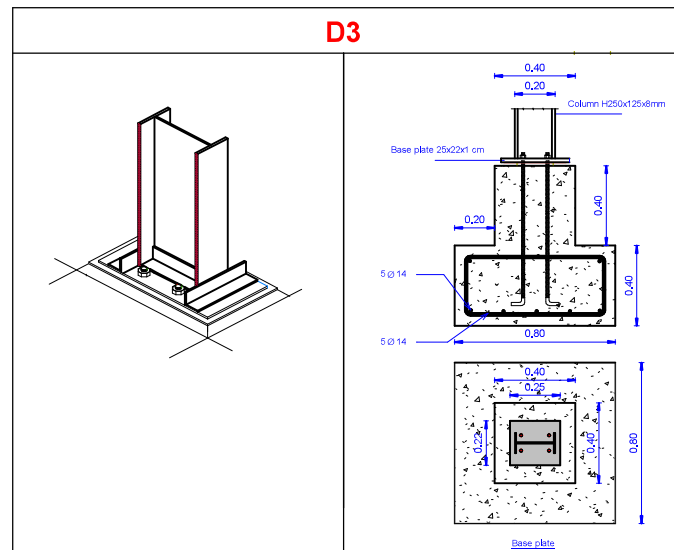
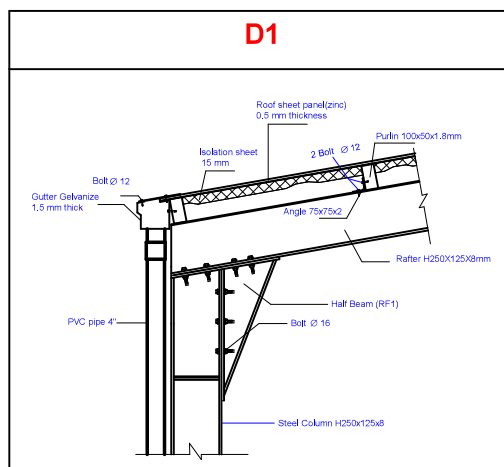
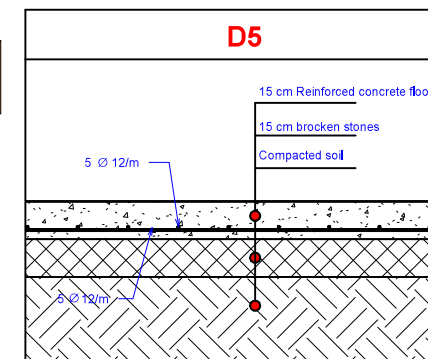
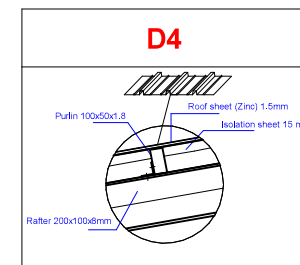
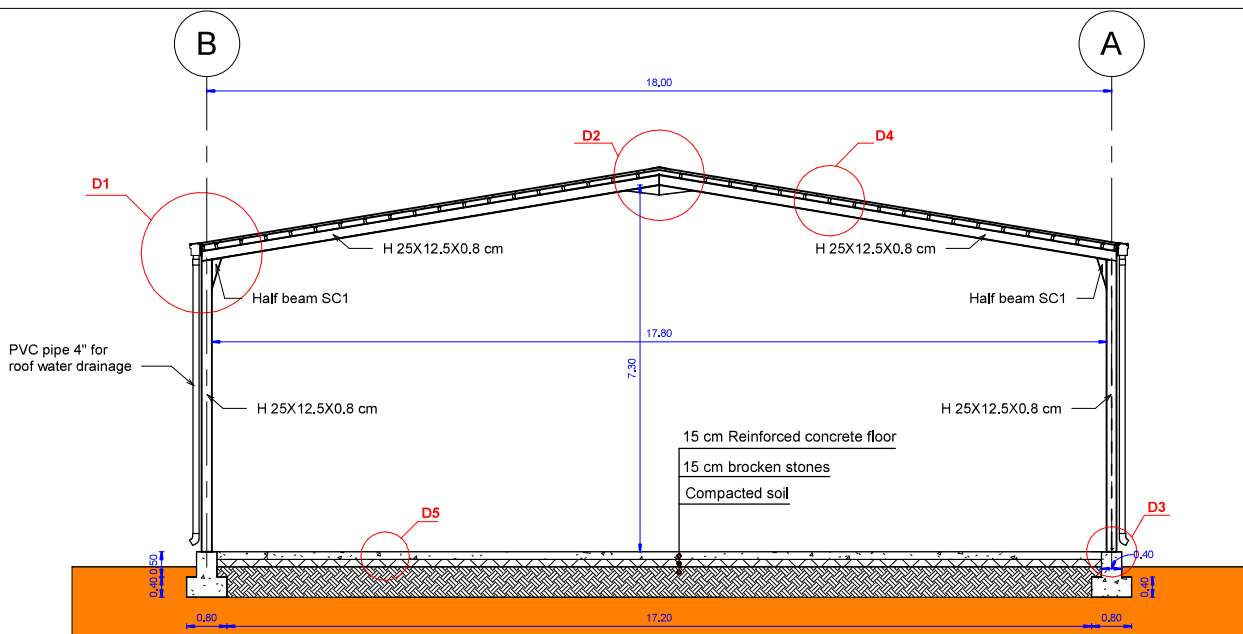
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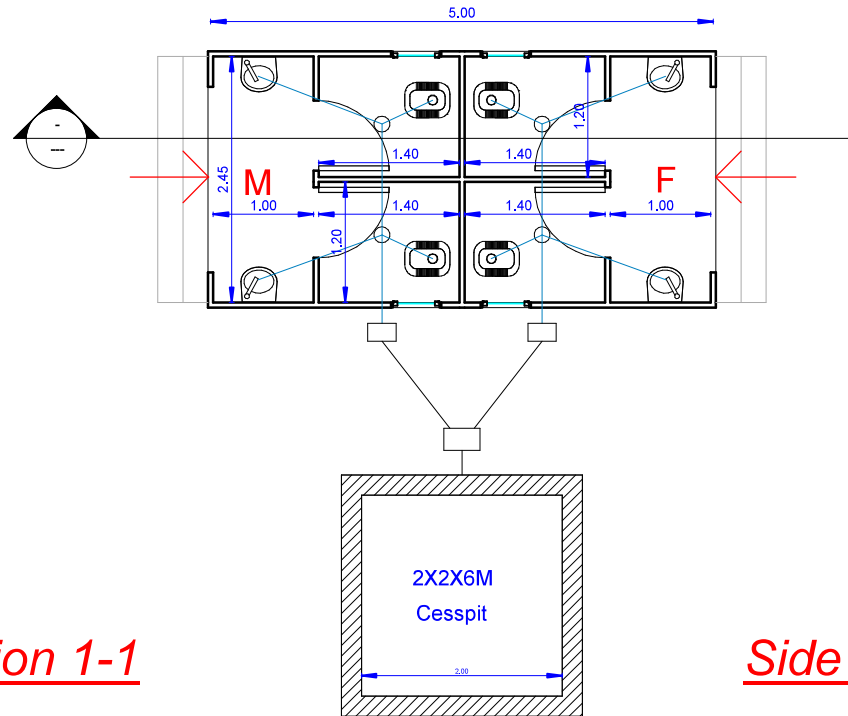
**Reviewed by :**  
Tewodros Woldegiorgis  
Technical Officer - ESU/CCCCM

February - 2021

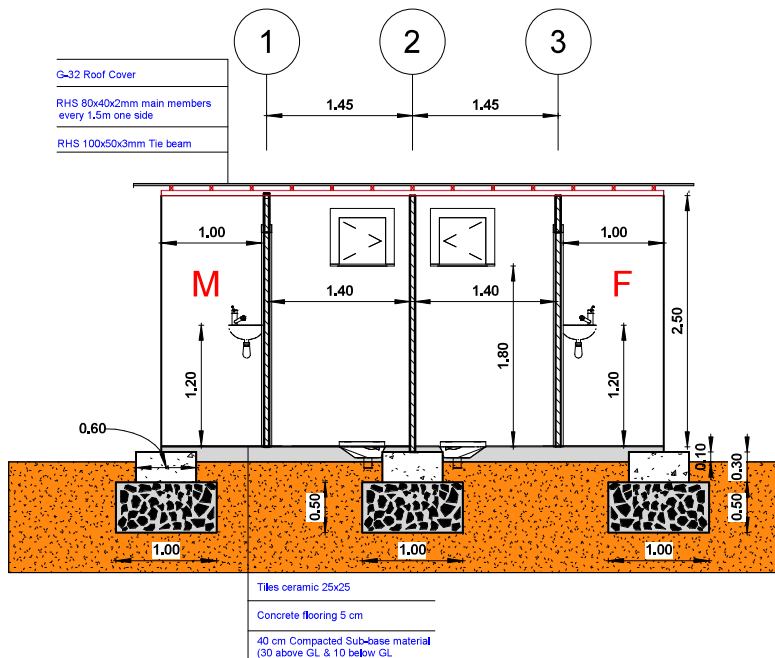
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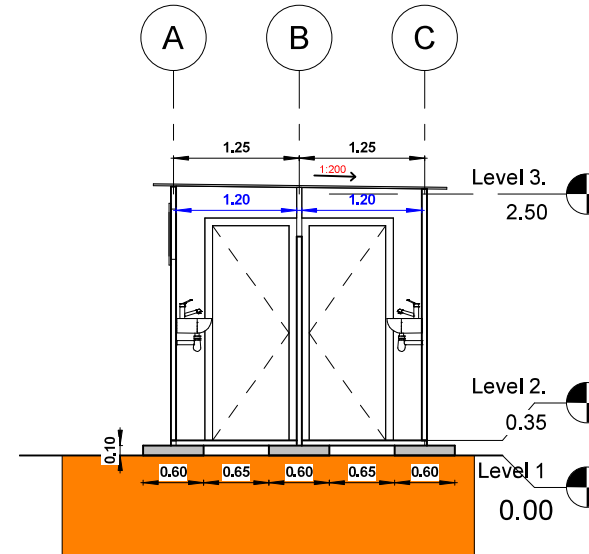
## Plan



## Section 1-1

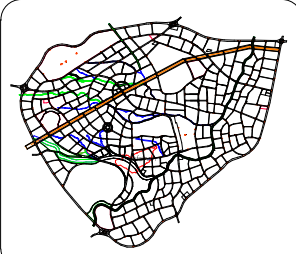


## Side View



**Project title :**  
Carpentry and Welding Workshops

**Project Location:**  
Marib - Aljufainah camp



**Funded By :**  
KSR

**Implemented by :**  
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**Sheet title :**  
Toilet drawing

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