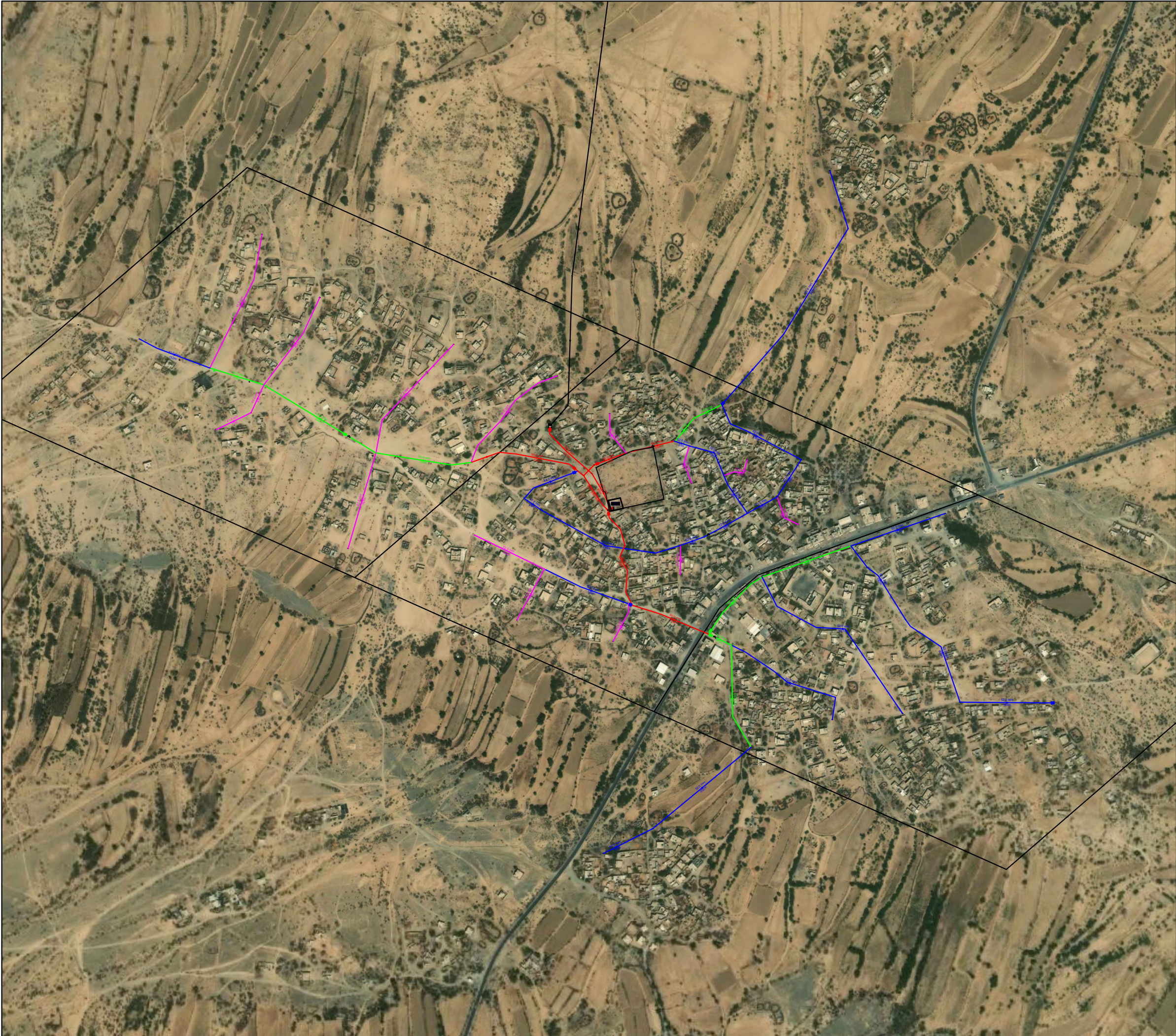




Notes:-  
- All dimensions are in meters unless otherwise stated.  
- All levels are in meters unless otherwise stated.



- Exi PE Pipe DN 110 — —
- PE Pipe DN 110 —
- PE Pipe DN 90 —
- PE Pipe DN 63 —
- PE Pipe DN 50 —

- Gate Valve
- Washout Valve
- Air Valve

|                |                                                                                                                                                                                                                   |          |
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|                |                                                                                                                                                                                                                   |          |
| REV.           | DESCRIPTION                                                                                                                                                                                                       | DATE     |
| CLIENT         | <div><p><b>MUSLIM HANDS YEMEN</b><br/>Khor Maksar, Abyan coast, Aden, Yemen +967<br/>02 235571, muslimhands.org.uk</p></div> |          |
| PROJECT        | Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                                                 |          |
| Project. Code: |                                                                                                                                                                                                                   |          |
| LOCATION       | Lawdar District, Abyan Governorate, Yemen                                                                                                                                                                         |          |
| TITLE          | Water Network                                                                                                                                                                                                     |          |
| Design         | CHECKED                                                                                                                                                                                                           | APPROVED |
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| DRAWING NO.    |                                                                                                                                                                                                                   | Rev. No  |
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Notes:-  
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- All levels are in meters unless otherwise stated.



- Exi PE Pipe DN 110 — —
- PE Pipe DN 110 —
- PE Pipe DN 90 —
- PE Pipe DN 63 —
- PE Pipe DN 50 —

- Gate Valve
- Washout Valve
- Air Valve

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| REV.           | DESCRIPTION                                                                                                                                                                                                       | DATE     |
| CLIENT         | <div><p><b>MUSLIM HANDS YEMEN</b><br/>Khor Maksar, Abyan coast, Aden, Yemen +967<br/>02 235571, muslimhands.org.uk</p></div> |          |
| PROJECT        | Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                                                 |          |
| Project. Code: |                                                                                                                                                                                                                   |          |
| LOCATION       | Lawdar District, Abyan Governorate, Yemen                                                                                                                                                                         |          |
| TITLE          | Water Network                                                                                                                                                                                                     |          |
| Design         | CHECKED                                                                                                                                                                                                           | APPROVED |
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| DRAWING NO.    |                                                                                                                                                                                                                   | Rev. No  |
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Notes:-  
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- All levels are in meters unless otherwise stated.



- Exi PE Pipe DN 110 — —
- PE Pipe DN 110 —
- PE Pipe DN 90 —
- PE Pipe DN 63 —
- PE Pipe DN 50 —

- Gate Valve
- Washout Valve
- Air Valve

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| REV.                                                                                                                                                                                              | DESCRIPTION | DATE     |
| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Water Network                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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Notes:-  
- All dimensions are in meters unless otherwise stated.  
- All levels are in meters unless otherwise stated.

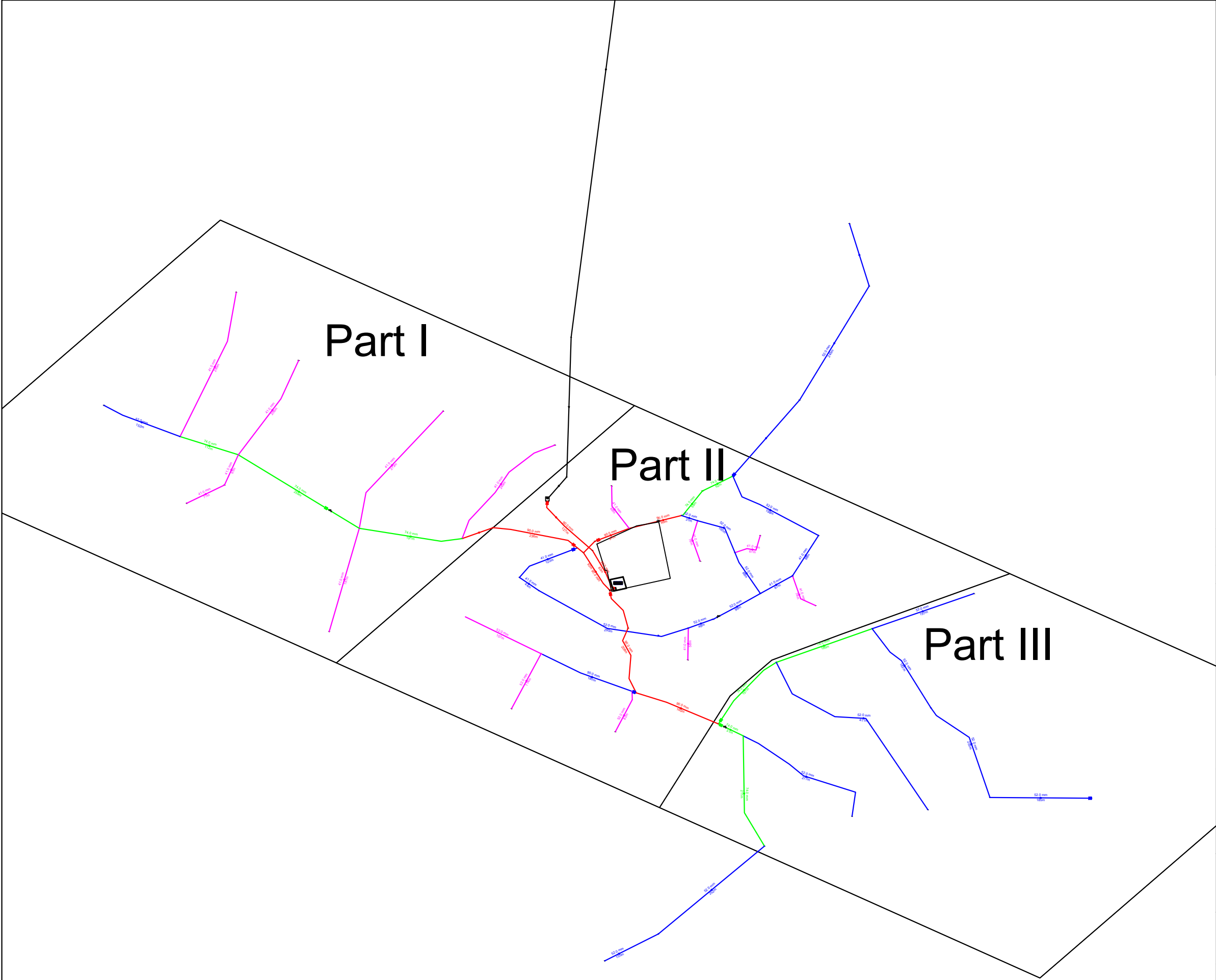


- Exi PE Pipe DN 110 — —
- PE Pipe DN 110 —
- PE Pipe DN 90 —
- PE Pipe DN 63 —
- PE Pipe DN 50 —

- Gate Valve
- Washout Valve
- Air Valve

|                                                                                                                                                                                                   |             |          |
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| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Water Network                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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- All dimensions are in meters unless otherwise stated.  
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- Exi PE Pipe DN 110 ———
- PE Pipe DN 110** ———
- PE Pipe DN 90** ———
- PE Pipe DN 63** ———
- PE Pipe DN 50** ———

- Gate Valve**
- Washout Valve**
- Air Valve**

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| REV.                                                                                                                                                                                              | DESCRIPTION | DATE     |
| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Water Network                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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07-2026

# Part I

- Notes:-
- All dimensions are in meters unless otherwise stated.
  - All levels are in meters unless otherwise stated.



Exi PE Pipe DN 110 ———

PE Pipe DN 110 ———

PE Pipe DN 90 ———

PE Pipe DN 63 ———

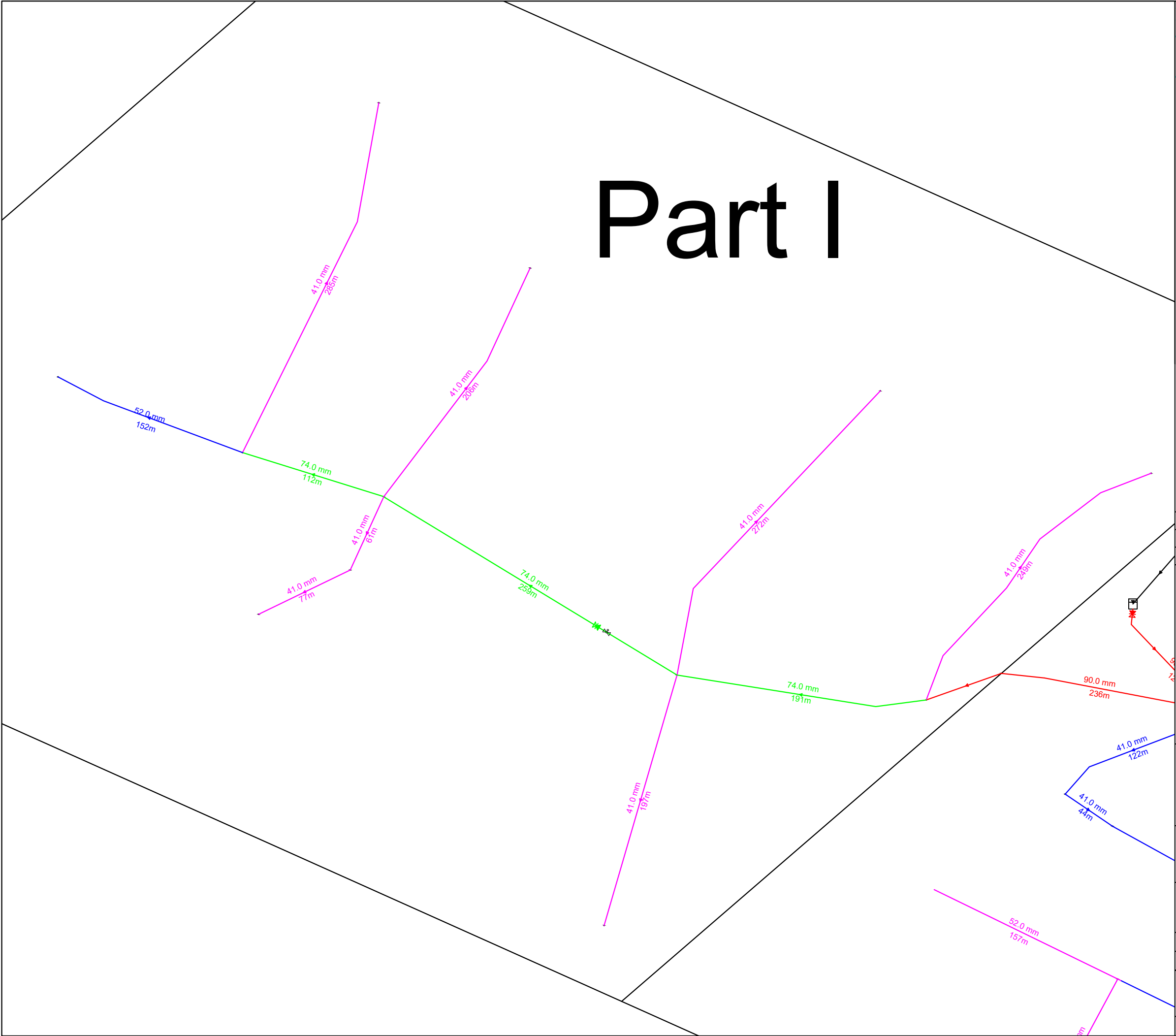
PE Pipe DN 50 ———

Gate Valve 

Washout Valve 

Air Valve 

|                                                                                                                                                                                                   |             |          |
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| REV.                                                                                                                                                                                              | DESCRIPTION | DATE     |
| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Water Network                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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Part I

Part II

Part

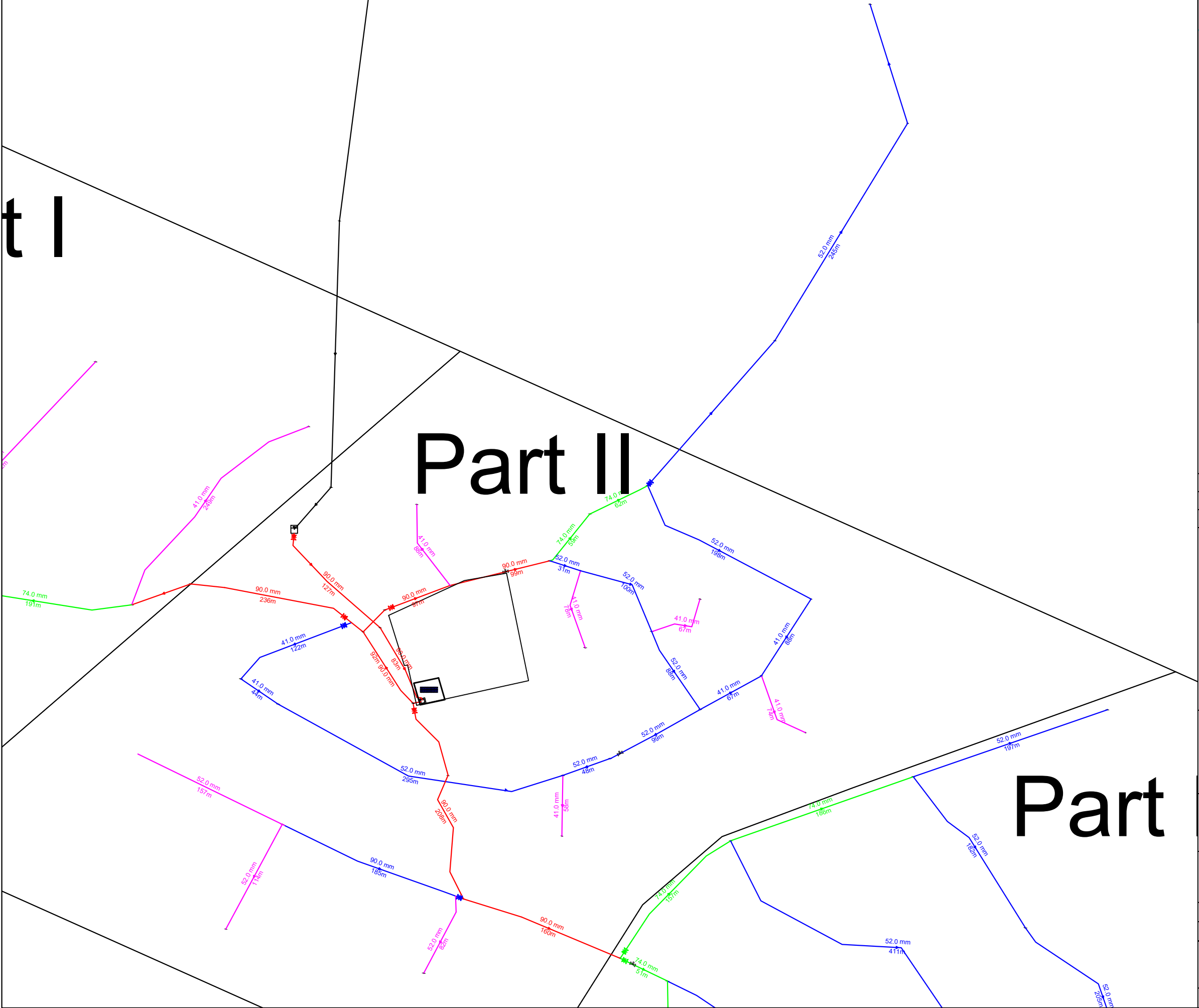
Notes:-  
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- Exi PE Pipe DN 110 — —
- PE Pipe DN 110 —
- PE Pipe DN 90 —
- PE Pipe DN 63 —
- PE Pipe DN 50 —

- Gate Valve
- Washout Valve
- Air Valve

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| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Water Network                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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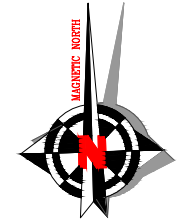


Part II

Part III

Notes:-

- All dimensions are in meters unless otherwise stated.
- All levels are in meters unless otherwise stated.



Exi PE Pipe DN 110 — —

PE Pipe DN 110 — —

PE Pipe DN 90 — —

PE Pipe DN 63 — —

PE Pipe DN 50 — —

Gate Valve



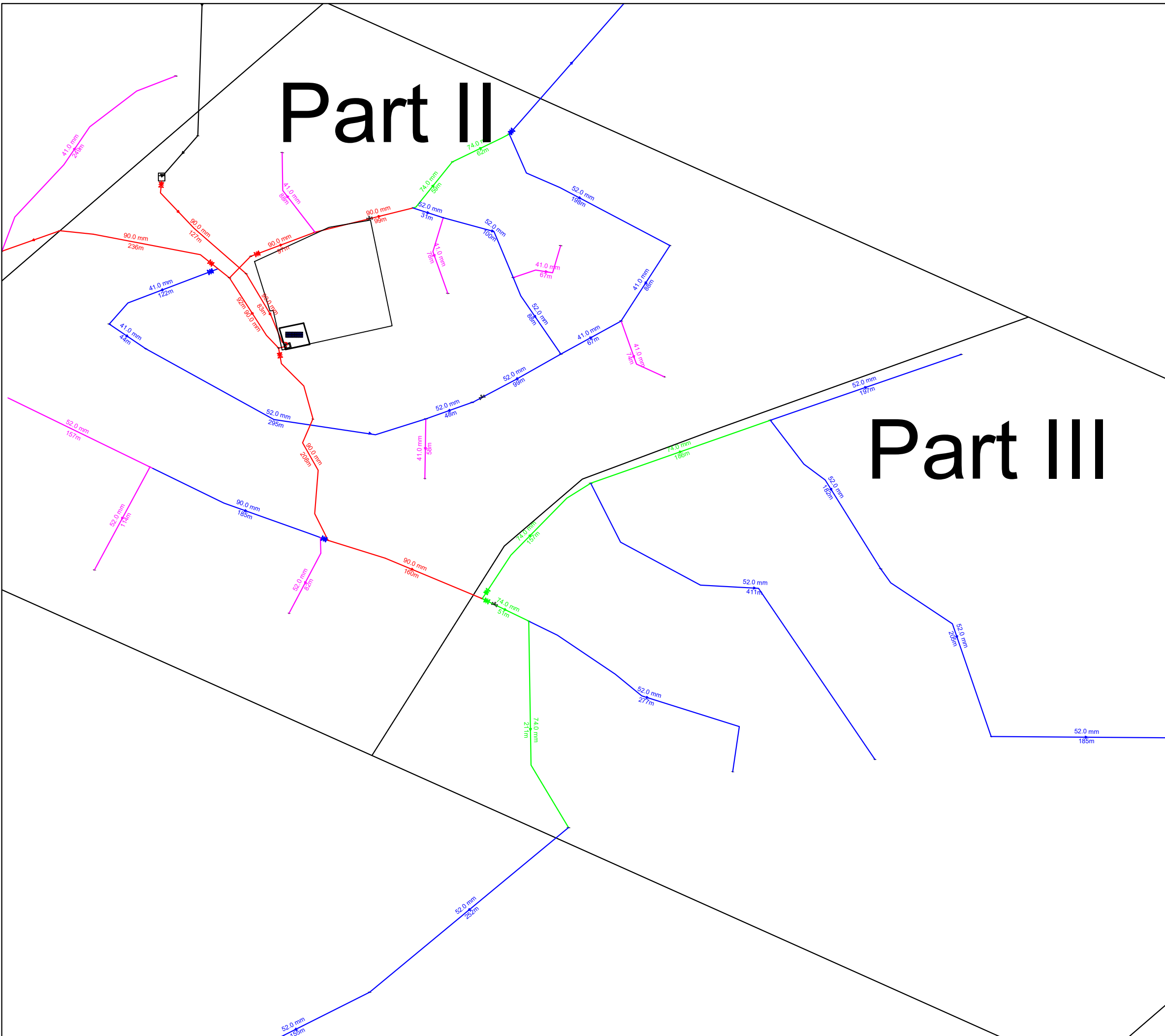
Washout Valve



Air Valve

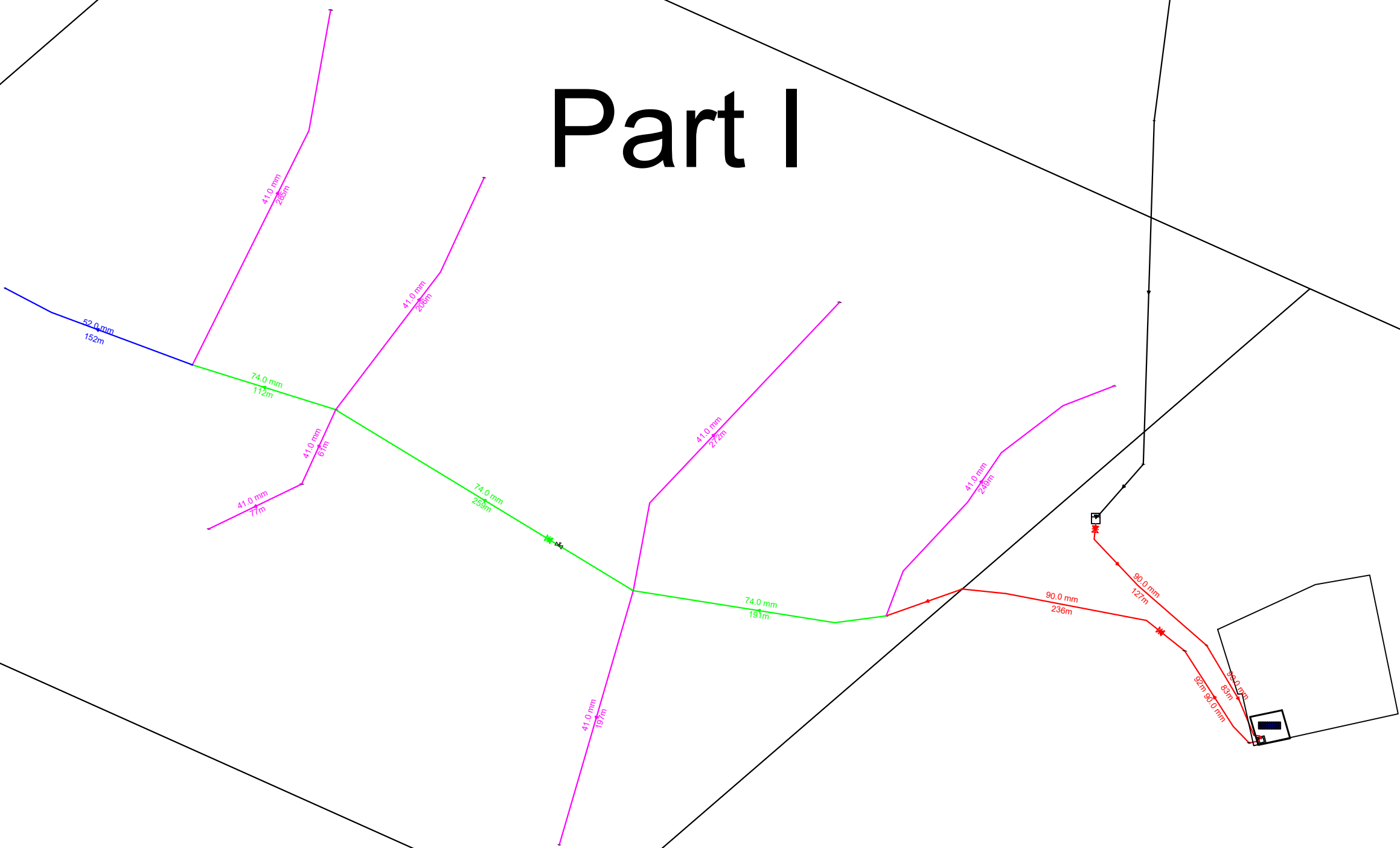


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| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Water Network                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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# Part I



- Notes:-
- All dimensions are in meters unless otherwise stated.
  - All levels are in meters unless otherwise stated.



- Exi PE Pipe DN 110 ———
- PE Pipe DN 110** ———
- PE Pipe DN 90** ———
- PE Pipe DN 63** ———
- PE Pipe DN 50** ———

- Gate Valve**
- Washout Valve**
- Air Valve**

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| REV.                                                                                                                                                                                              | DESCRIPTION | DATE     |
| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Water Network                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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# Part II

The diagram illustrates a piping system with the following components and connections:

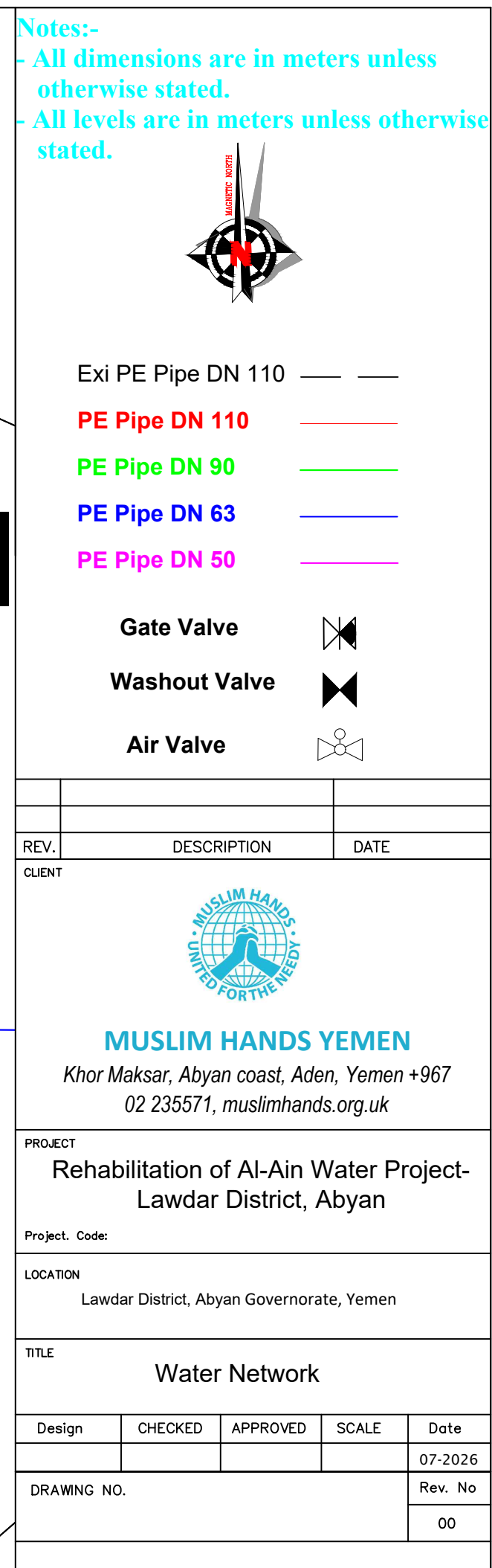
- Blue Pipes:**
  - Top right: 52.0 mm, 245m
  - Middle right: 52.0 mm, 198m
  - Bottom right: 41.0 mm, 88m
  - Bottom: 41.0 mm, 67m
  - Bottom left: 52.0 mm, 99m
  - Left: 52.0 mm, 48m
  - Far left: 52.0 mm, 295m
  - Top left: 41.0 mm, 44m
  - Top left: 41.0 mm, 122m
- Red Pipes:**
  - Top left: 90.0 mm, 127m
  - Middle left: 90.0 mm, 87m
  - Middle left: 90.0 mm, 83m
  - Middle left: 92.0 mm, 90.0 mm
  - Middle left: 90.0 mm, 99m
- Green Pipes:**
  - Middle: 74.0 mm, 59m
  - Middle: 74.0 mm, 62m
- Magenta Pipes:**
  - Top left: 41.0 mm, 88m
  - Middle: 41.0 mm, 78m
  - Middle right: 41.0 mm, 67m
  - Bottom right: 41.0 mm, 74m
  - Bottom: 41.0 mm, 58m
- Other Components:**
  - Valves:** Indicated by 'X' marks on the red and blue pipes.
  - Pumps:** Indicated by circles with arrows on the red and blue pipes.
  - Storage Tank:** A rectangle with a grid pattern, connected to the red pipe network.

PE Pipe DN 50 \_\_\_\_\_

**Air Valve** 

|                                                                                                                                                                                                                   |             |          |       |         |
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| REV.                                                                                                                                                                                                              | DESCRIPTION |          |       | DATE    |
| CLIENT                                                                                                                                                                                                            |             |          |       |         |
|  <p><b>MUSLIM HANDS YEMEN</b></p> <p><i>Khor Maksar, Abyan coast, Aden, Yemen +967<br/>02 235571, muslimhands.org.uk</i></p> |             |          |       |         |
| PROJECT                                                                                                                                                                                                           |             |          |       |         |
| <p><b>Rehabilitation of Al-Ain Water Project-<br/>Lawdar District, Abyan</b></p> <p>Project. Code:</p>                                                                                                            |             |          |       |         |
| LOCATION                                                                                                                                                                                                          |             |          |       |         |
| Lawdar District, Abyan Governorate, Yemen                                                                                                                                                                         |             |          |       |         |
| TITLE                                                                                                                                                                                                             |             |          |       |         |
| <b>Water Network</b>                                                                                                                                                                                              |             |          |       |         |
| Design                                                                                                                                                                                                            | CHECKED     | APPROVED | SCALE | Date    |
|                                                                                                                                                                                                                   |             |          |       | 07-2026 |
| DRAWING NO.                                                                                                                                                                                                       |             |          |       | Rev. No |
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- All levels are in meters unless otherwise stated.



- Exi PE Pipe DN 110 — —
- PE Pipe DN 110 —
- PE Pipe DN 90 —
- PE Pipe DN 63 —
- PE Pipe DN 50 —

- Gate Valve
- Washout Valve
- Air Valve

|      |             |      |
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|      |             |      |
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| REV. | DESCRIPTION | DATE |

CLIENT



MUSLIM HANDS YEMEN  
Khor Maksar, Abyan coast, Aden, Yemen +967  
02 235571, muslimhands.org.uk

PROJECT

Rehabilitation of Al-Ain Water Project-  
Lawdar District, Abyan

Project. Code:

LOCATION

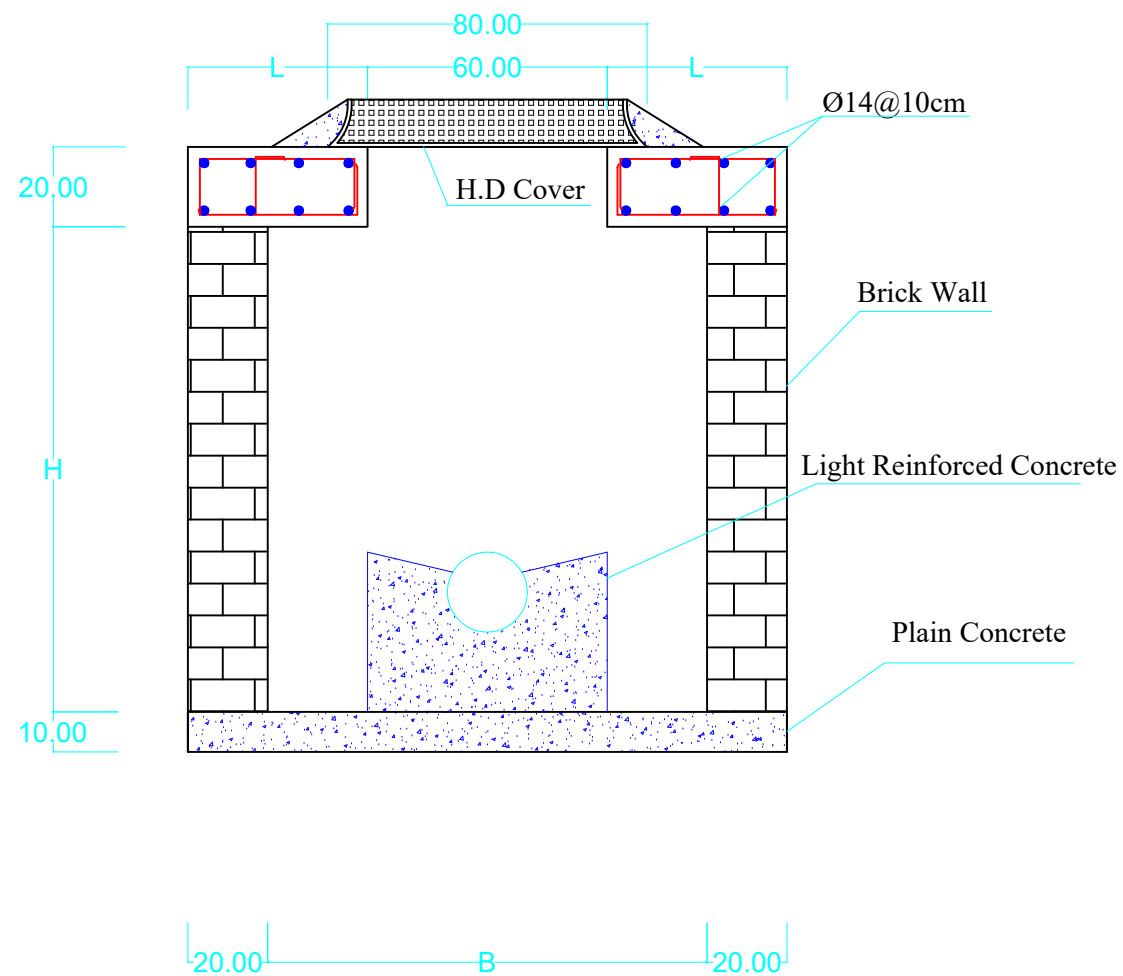
Lawdar District, Abyan Governorate, Yemen

TITLE

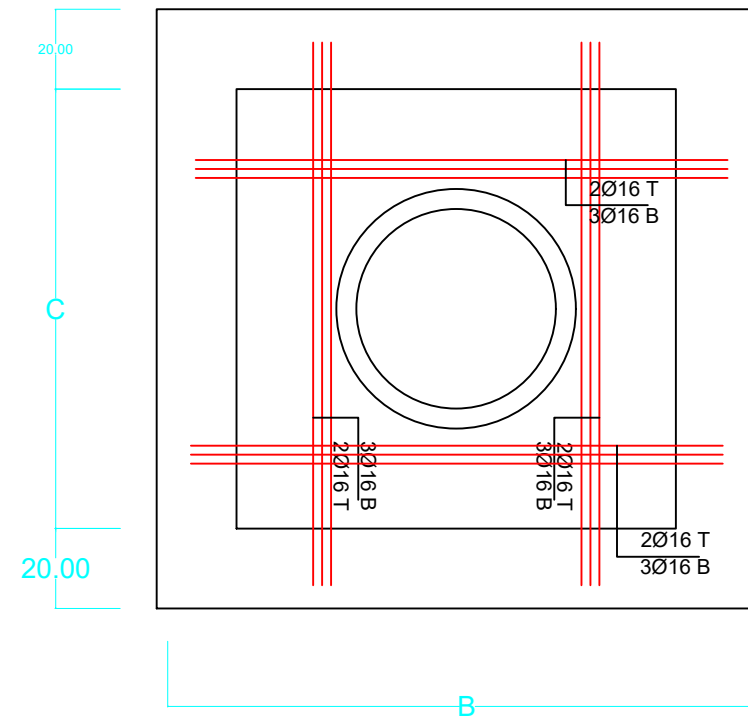
Water Network

|             |         |          |       |         |
|-------------|---------|----------|-------|---------|
| Design      | CHECKED | APPROVED | SCALE | Date    |
|             |         |          |       | 07-2026 |
| DRAWING NO. |         |          |       | Rev. No |
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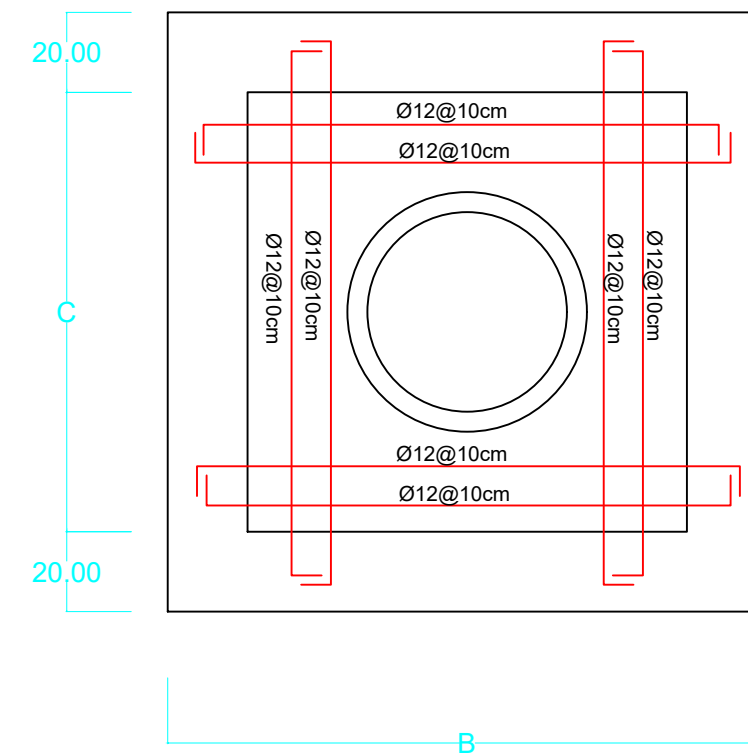




Walls Section



Slab Section



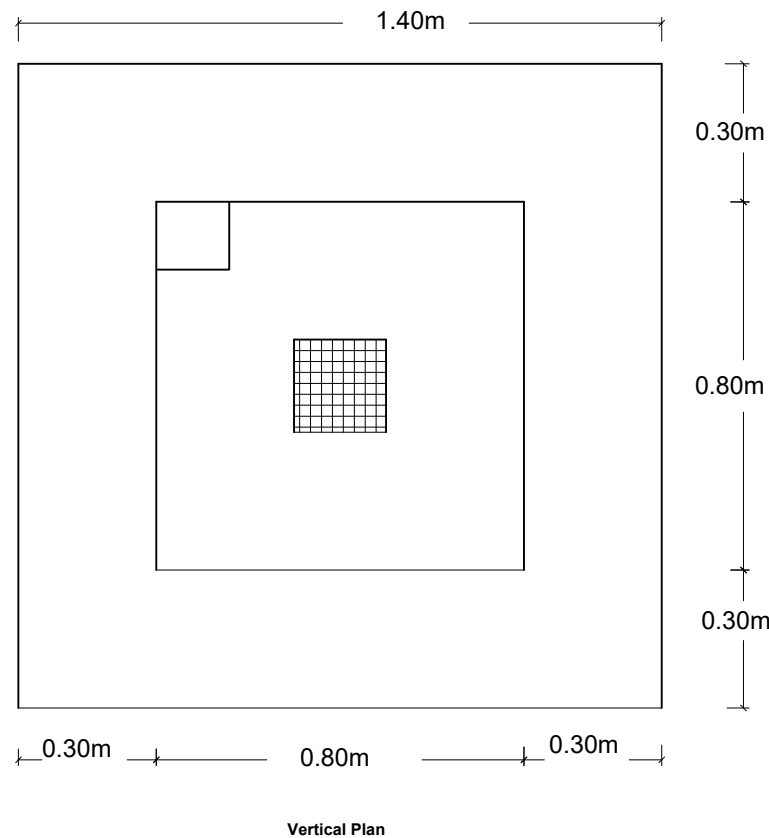
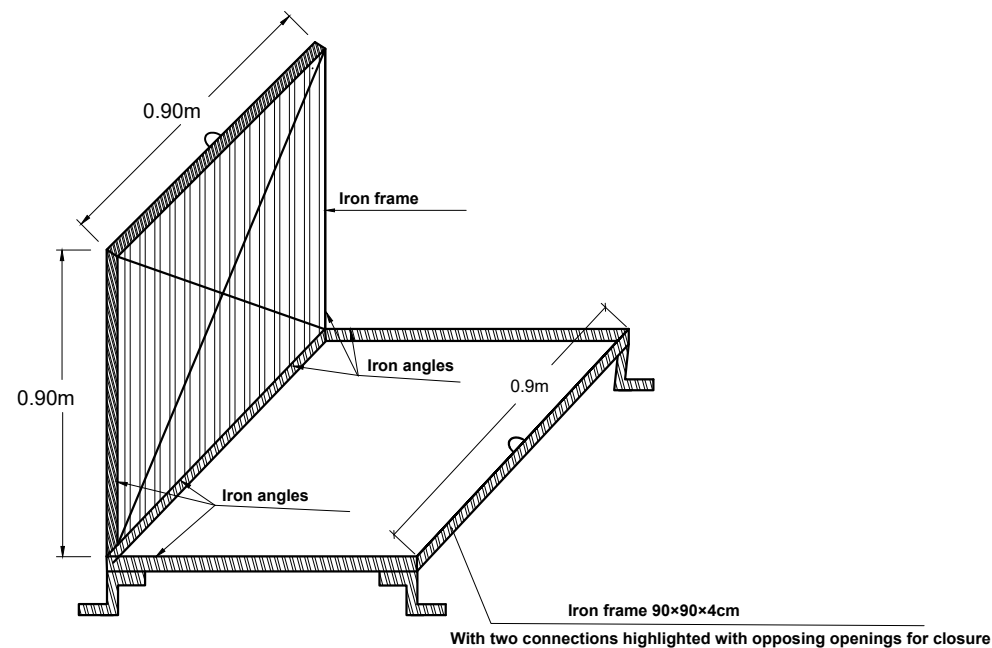
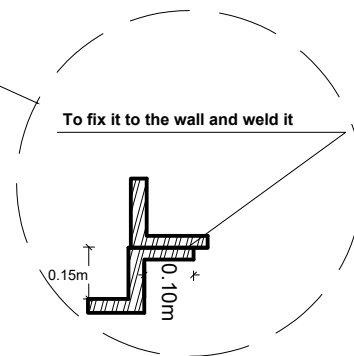
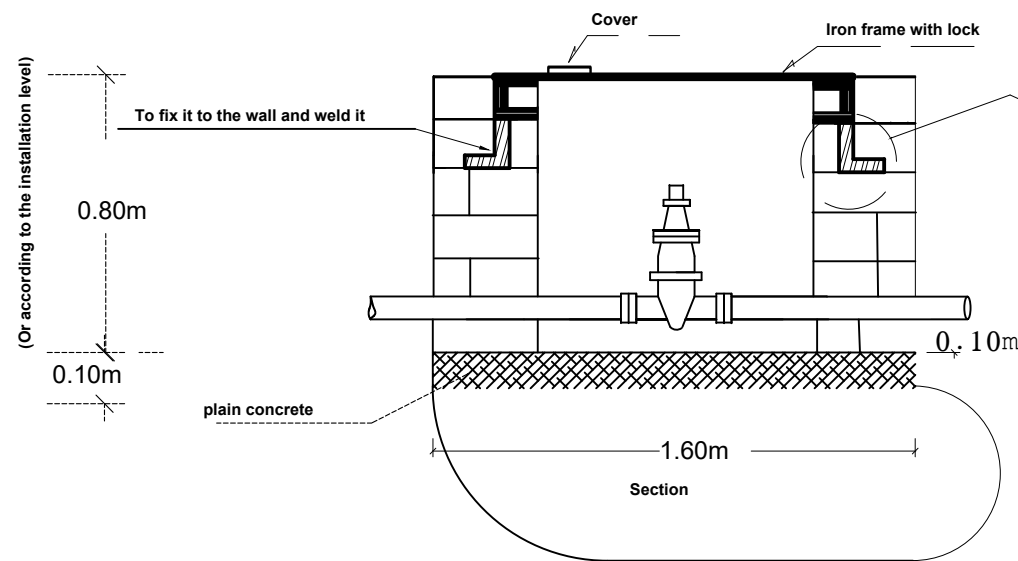
Slab Section

- Notes:-
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  - All levels are in meters unless otherwise stated.



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| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Valve Chamber                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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| # | Job description             | Unit | Height  |       |      |       |       |    |
|---|-----------------------------|------|---------|-------|------|-------|-------|----|
|   |                             |      | m 0.8   | m 0.9 | m 1  | m 1.1 | m 1.2 |    |
| 1 | excavation work             | m3   | 1.9     | 2.1   | 2.25 | 2.45  | 2.75  |    |
| 2 | Plain concrete (1:3:6)      | m3   | 0.3     | 0.3   | 0.3  | 0.3   | 0.3   |    |
| 3 | Building blocks with mortar | m2   | 2.6     | 2.9   | 3.2  | 3.5   | 4     |    |
| 4 | Cement mortar cladding      | m2   | 2.6     | 2.9   | 3.2  | 3.5   | 4     |    |
| 5 | 10-meter iron angles        | m1   | 900*900 |       |      |       |       | mm |
| 6 | Iron cover 0.8m2            | m2   | 896*896 |       |      |       |       | mm |

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  - All levels are in meters unless otherwise stated.



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| REV.                                                                                                                                                                                              | DESCRIPTION | DATE     |
| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>Valve Chamber                                                                                                                                                                            |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                       |             | Rev. No  |
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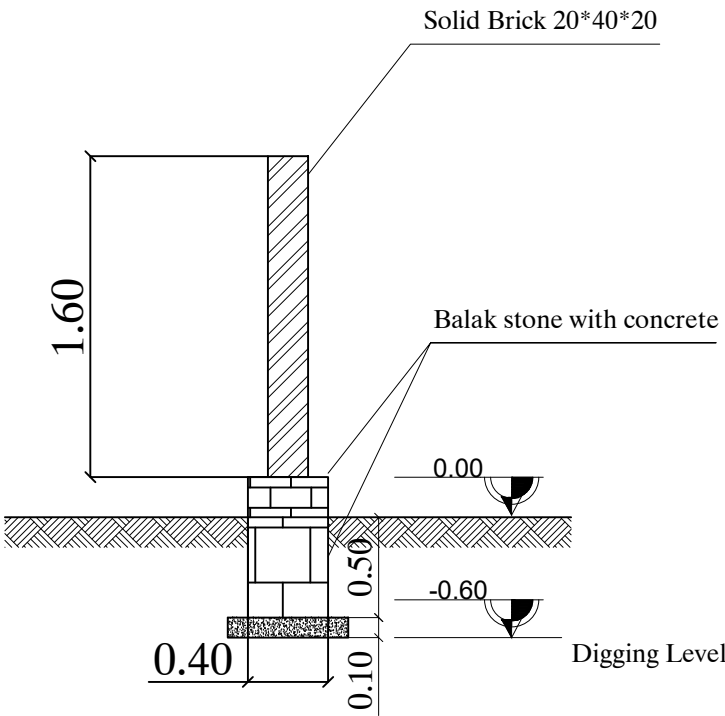
- (1) Balq stone with stitching and kohl
- (2) Cement block with grouting and finishing
- (3) Cement block caps
- (4) Concrete column

|                                                                                                                                                                                                                   |             |          |       |         |  |
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|                                                                                                                                                                                                                   |             |          |       |         |  |
| REV.                                                                                                                                                                                                              | DESCRIPTION |          |       | DATE    |  |
| CLIENT                                                                                                                                                                                                            |             |          |       |         |  |
|  <p><b>MUSLIM HANDS YEMEN</b></p> <p><i>Khor Maksar, Abyan coast, Aden, Yemen +967<br/>02 235571, muslimhands.org.uk</i></p> |             |          |       |         |  |
| PROJECT                                                                                                                                                                                                           |             |          |       |         |  |
| <p><b>Rehabilitation of Al-Ain Water Project-<br/>Lawdar District, Abyan</b></p>                                                                                                                                  |             |          |       |         |  |
| Project. Code:                                                                                                                                                                                                    |             |          |       |         |  |
| LOCATION                                                                                                                                                                                                          |             |          |       |         |  |
| Lawdar District, Abyan Governorate, Yemen                                                                                                                                                                         |             |          |       |         |  |
| TITLE                                                                                                                                                                                                             |             |          |       |         |  |
| <i>The Fence</i>                                                                                                                                                                                                  |             |          |       |         |  |
| Design                                                                                                                                                                                                            | CHECKED     | APPROVED | SCALE | Date    |  |
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| DRAWING NO.                                                                                                                                                                                                       |             |          |       | Rev. No |  |
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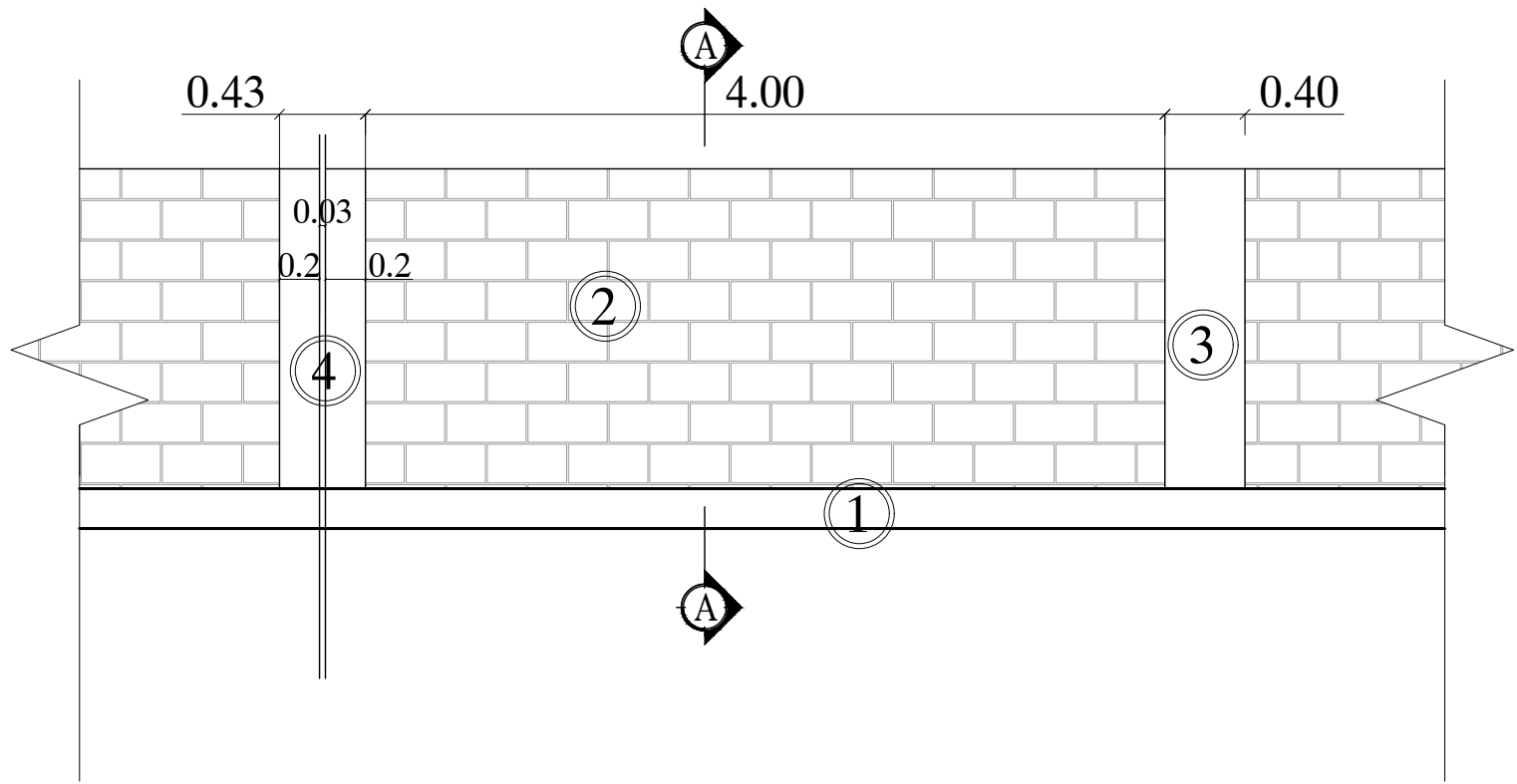
Material details on the interface

- .1 Balak stone with edging and liner with moisture resistant paint
- .2 Cement block with grouting and lining.
- .3 Cement block columns.
- .4 Concrete columns.



(A – A)

Wall details



Part of the wall facades

Notes:-  
- All dimensions are in meters unless otherwise stated.  
- All levels are in meters unless otherwise stated.



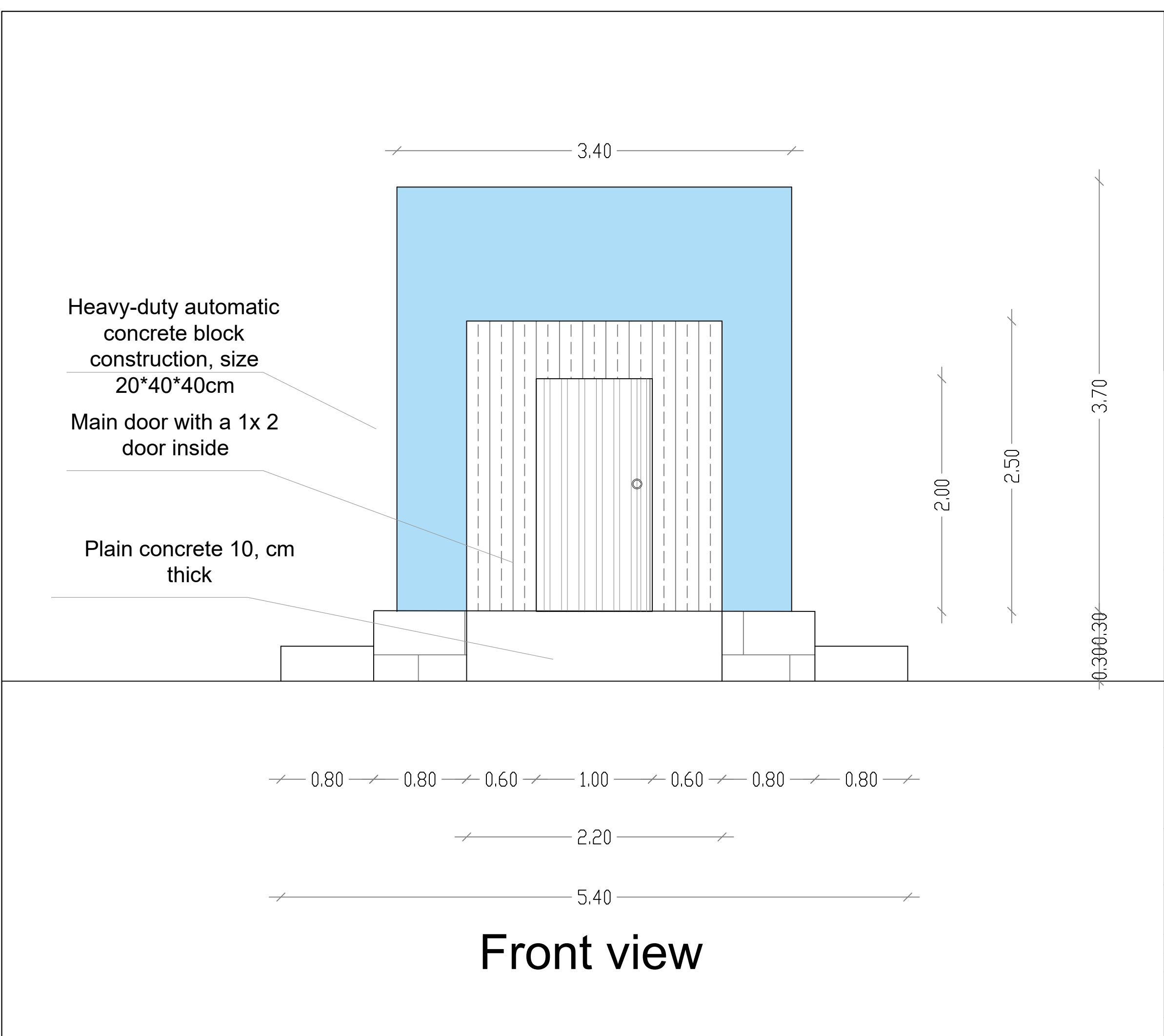
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| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br><i>The Fence Details</i>                                                                                                                                                                 |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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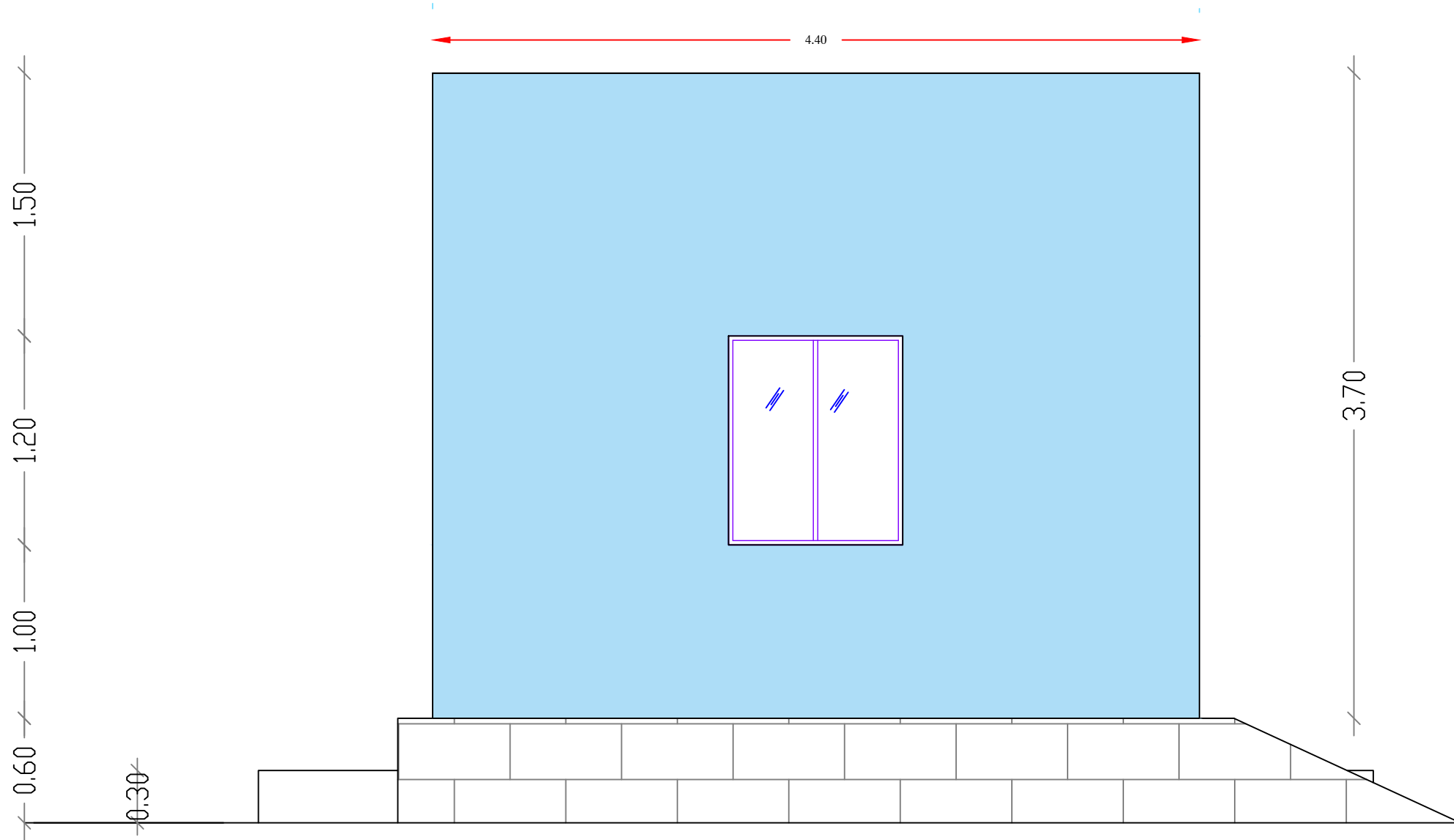


Notes:-  
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- All levels are in meters unless otherwise stated.



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| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>End Suction Pump Room                                                                                                                                                                    |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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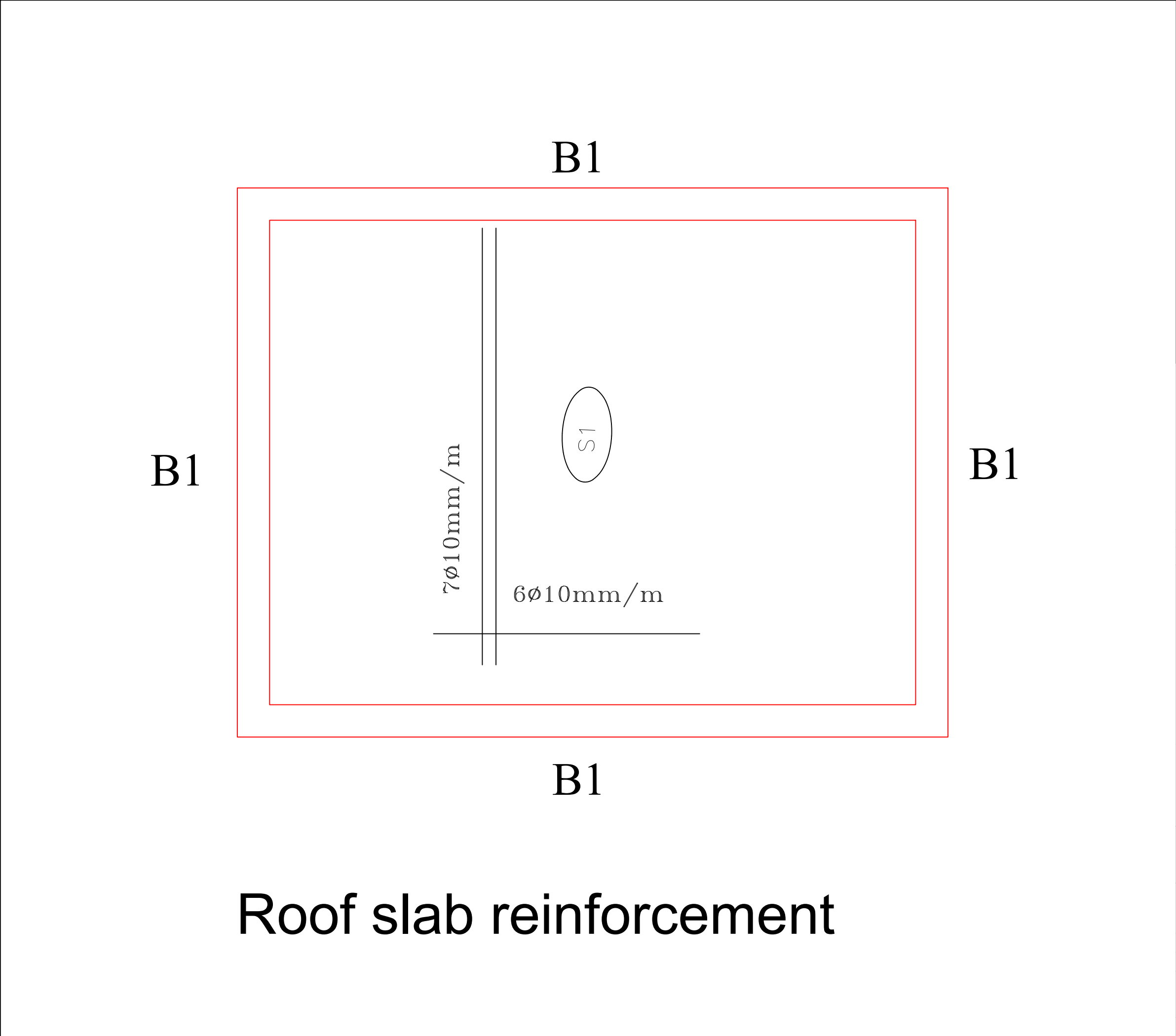


Side view

- Notes:-
- All dimensions are in meters unless otherwise stated.
  - All levels are in meters unless otherwise stated.



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| CLIENT                                                                                                                                                                                                            |             |          |
| <div><p><b>MUSLIM HANDS YEMEN</b><br/>Khor Maksar, Abyan coast, Aden, Yemen +967<br/>02 235571, muslimhands.org.uk</p></div> |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                                             |             |          |
| TITLE<br>End Suction Pump Room                                                                                                                                                                                    |             |          |
| Design                                                                                                                                                                                                            | CHECKED     | APPROVED |
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| DRAWING NO.                                                                                                                                                                                                       |             | Rev. No  |
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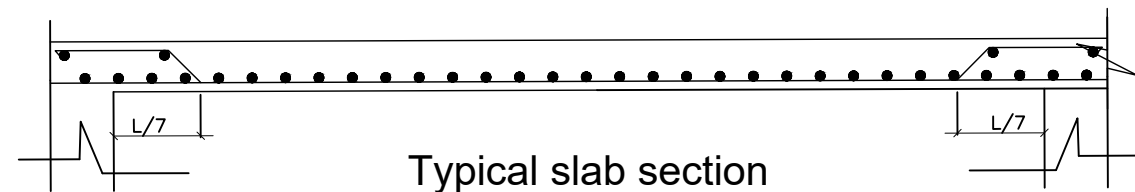
# Roof slab reinforcement

**Notes:-**

- All dimensions are in meters unless otherwise stated.
- All levels are in meters unless otherwise stated.

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| CLIENT                                                                                                                       |             |          |
| <div><p><b>MUSLIM HANDS YEMEN</b><br/>Khor Maksar, Abyan coast, Aden, Yemen +967<br/>02 235571, muslimhands.org.uk</p></div> |             |          |
| PROJECT                                                                                                                      |             |          |
| Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                            |             |          |
| Project. Code:                                                                                                               |             |          |
| LOCATION                                                                                                                     |             |          |
| Lawdar District, Abyan Governorate, Yemen                                                                                    |             |          |
| TITLE                                                                                                                        |             |          |
| End Suction Pump Room                                                                                                        |             |          |
| Design                                                                                                                       | CHECKED     | APPROVED |
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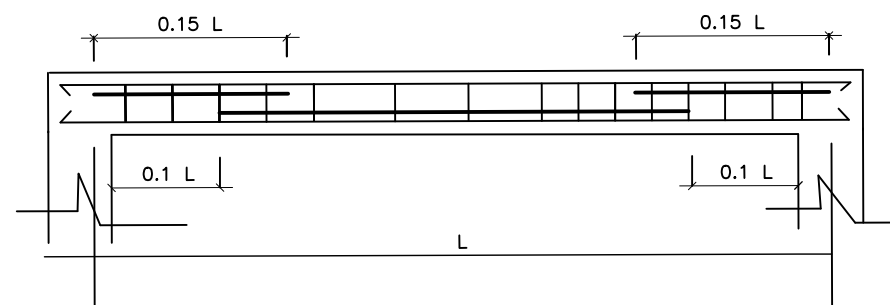




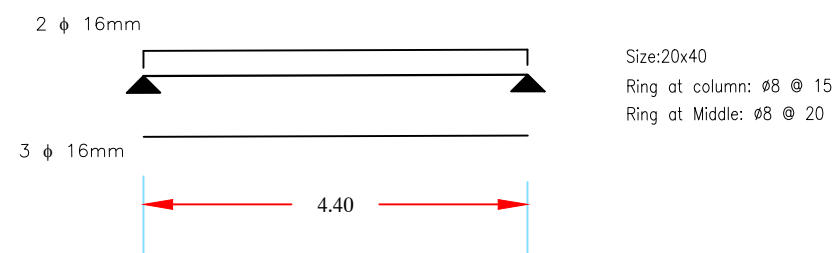
Typical slab section

Slab reinforcement schedule

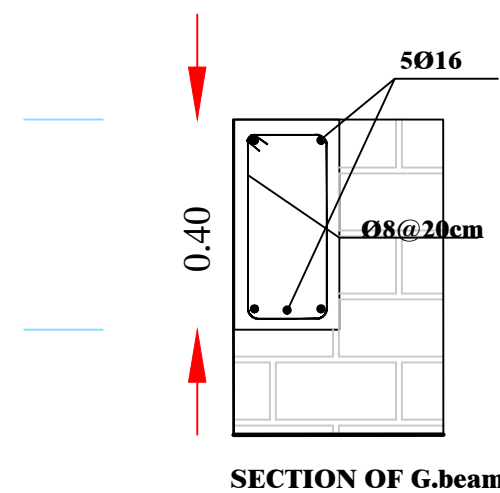
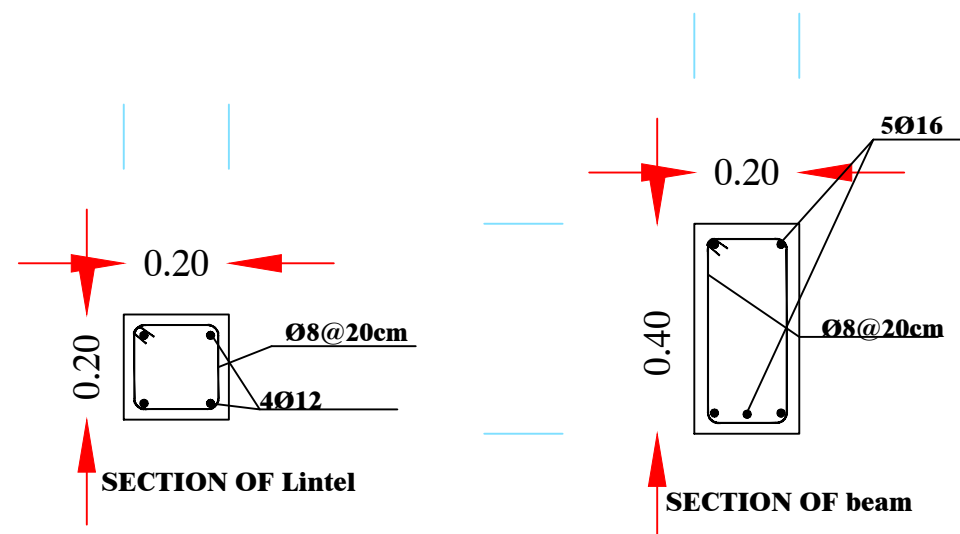
| The symbol | Slab thickness | Reinforcing steel |                 |
|------------|----------------|-------------------|-----------------|
|            |                | short direction   | long direction  |
| S1         | 0.10           | 7 $\phi$ 10mm/M   | 7 $\phi$ 10mm/M |



Typical longitudinal section of beams



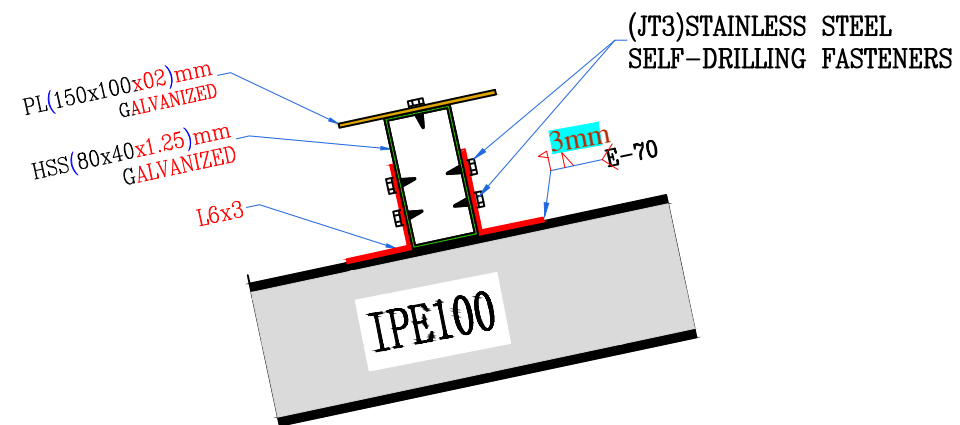
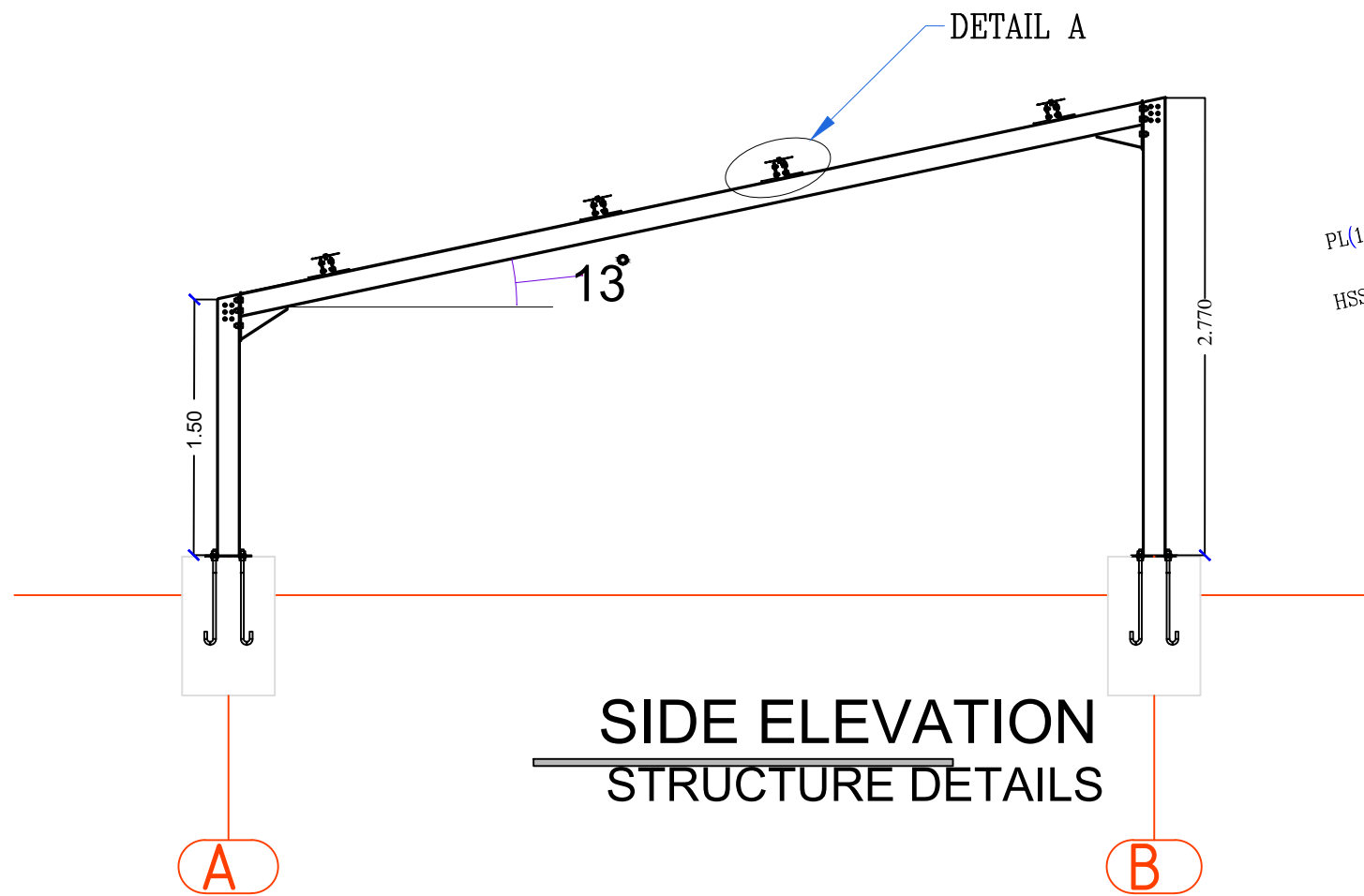
(B1) Beam reinforcement schedules



- Notes:-
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  - All levels are in meters unless otherwise stated.

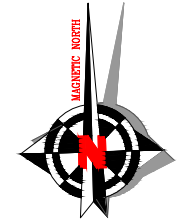


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| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>End Suction Pump Room                                                                                                                                                                    |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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A JOINT - DETAIL A  
STRUCTURE DETAILS

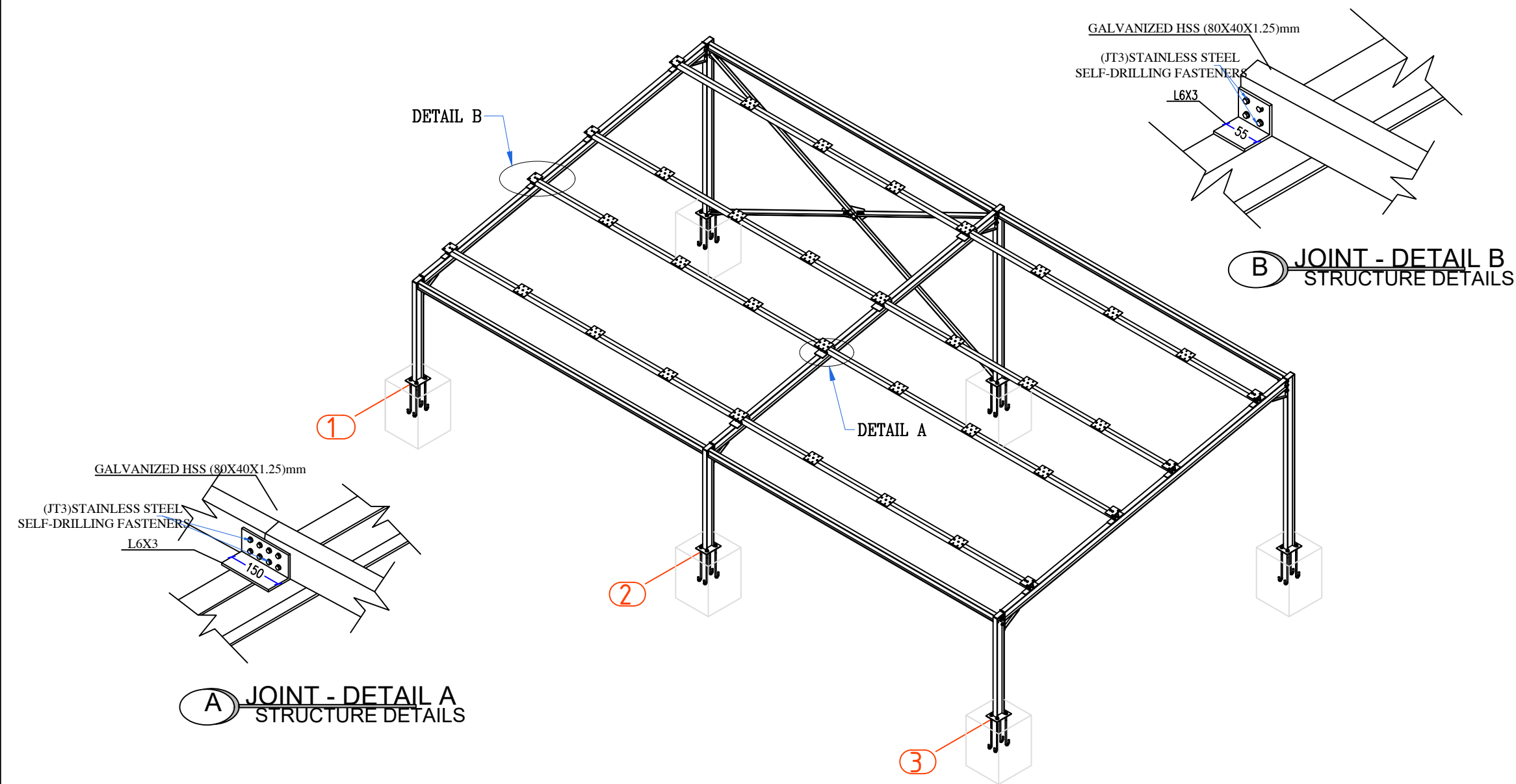
- Notes:-
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| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>PV Mounting Structural                                                                                                                                                                   |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| SCALE | Date    |
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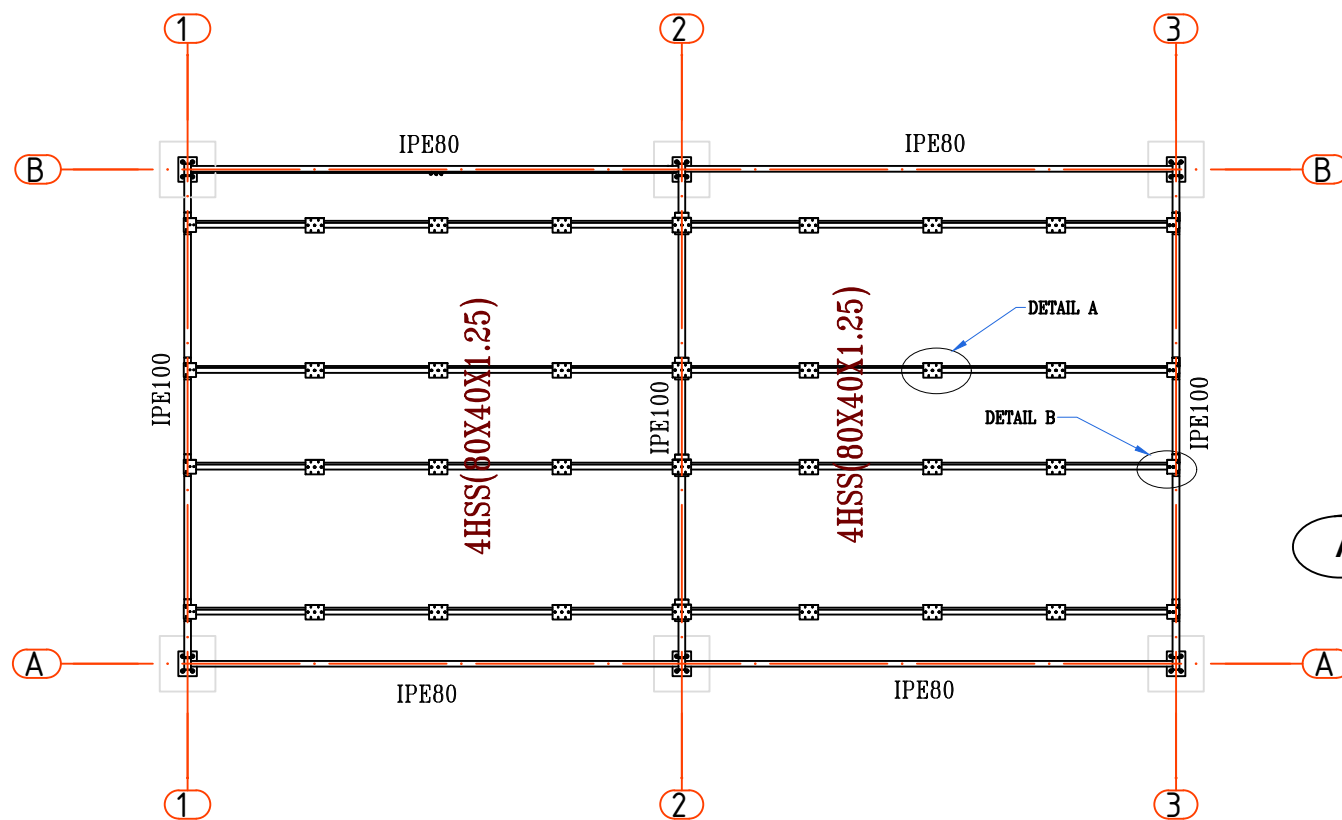




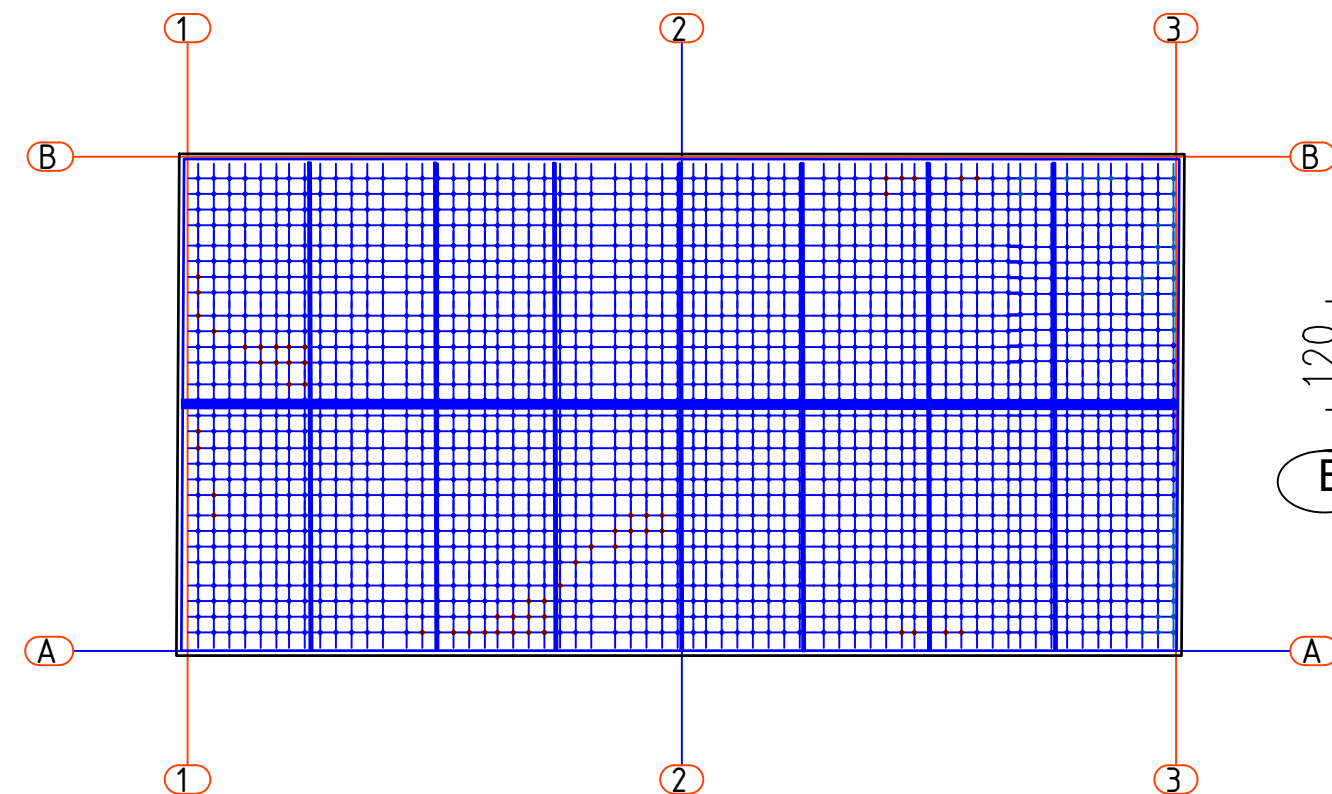
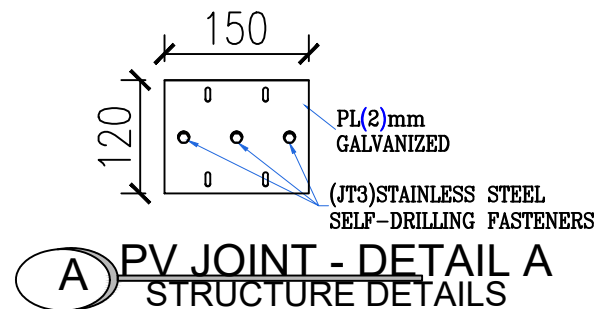
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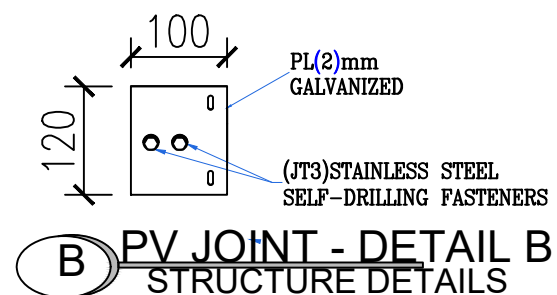
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| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>PV Mounting Structural                                                                                                                                                                   |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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1 FULL FRAMING PLAN  
STRUCTURE DETAILS



2 PV PANELS PLAN



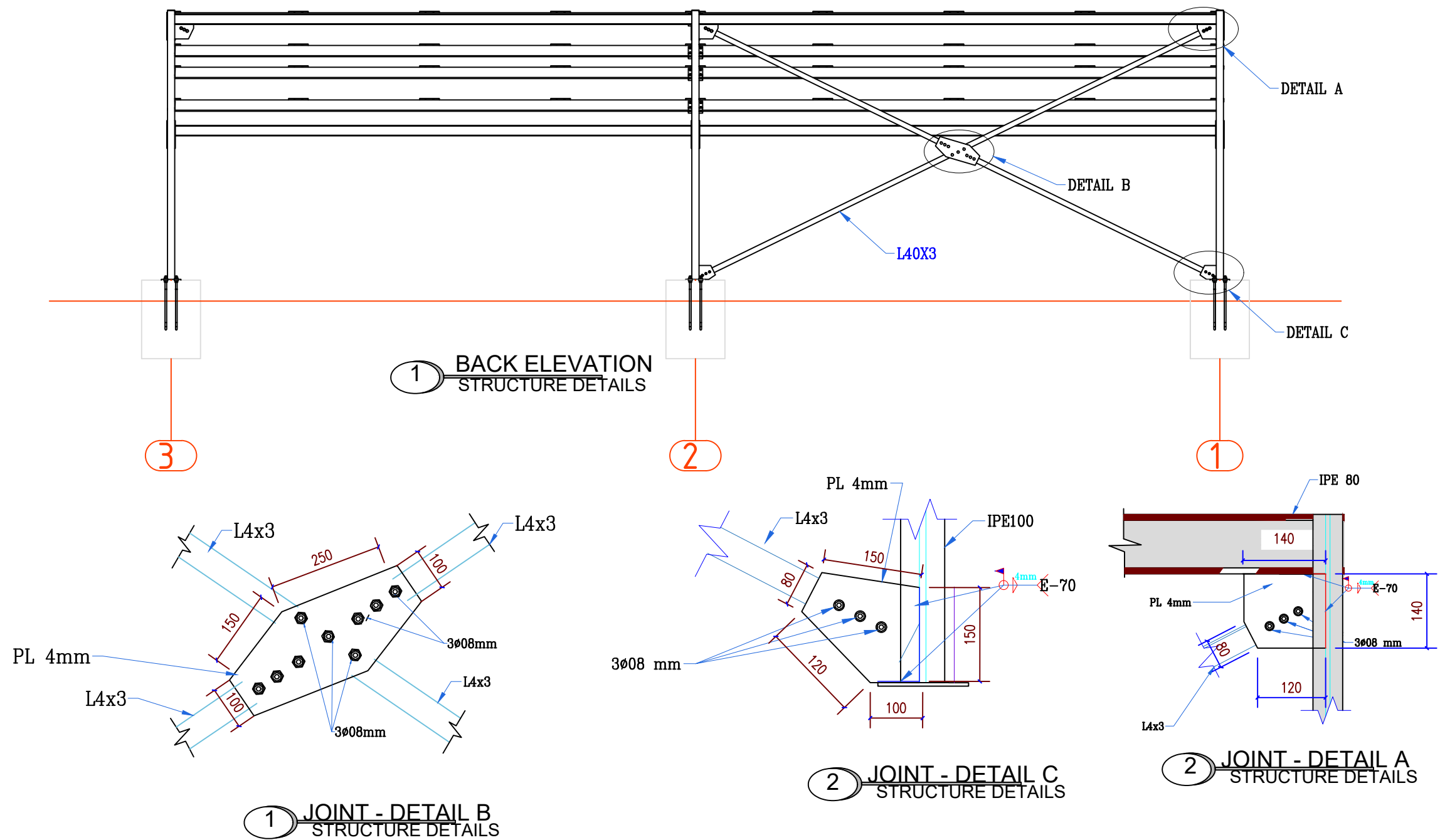
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| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>PV Mounting Structural                                                                                                                                                                   |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| CLIENT                                                                                                                                                                                            |             |          |
| <br><b>MUSLIM HANDS YEMEN</b><br>Khor Maksar, Abyan coast, Aden, Yemen +967<br>02 235571, muslimhands.org.uk |             |          |
| PROJECT<br>Rehabilitation of Al-Ain Water Project-<br>Lawdar District, Abyan                                                                                                                      |             |          |
| Project. Code:                                                                                                                                                                                    |             |          |
| LOCATION<br>Lawdar District, Abyan Governorate, Yemen                                                                                                                                             |             |          |
| TITLE<br>PV Mounting Structural                                                                                                                                                                   |             |          |
| Design                                                                                                                                                                                            | CHECKED     | APPROVED |
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| SCALE | Date    |
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