

PROJECT:

PROPOSED SHALLOW
WELLS REHABILITATION
-BULLA GADUUD DISTRICT-

IMPLEMENTING AGENCY.

DAL*BILE

A NATION IS BUILT BY ITS PEOPLE

SOMALI STABILIZATION INITIATIVES

GOVERNMENT:



JUBBALAND STATE OF SOMALIA

PROPOSED BULLA GADUUD SHALLOW WELL REHABILITATION

DRAWING INDEX

JANUARY 2018

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PROJECT.

PROPOSED SHALLOW WELL
REHABILITATION
-BULLA GADUUD DISTRICT-

SHEET TITLE:

SCALE		DRAWING TITLE:
DATE	JANUARY. 2018	LOCATION
		<u>DRAWING N^o:</u>
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		















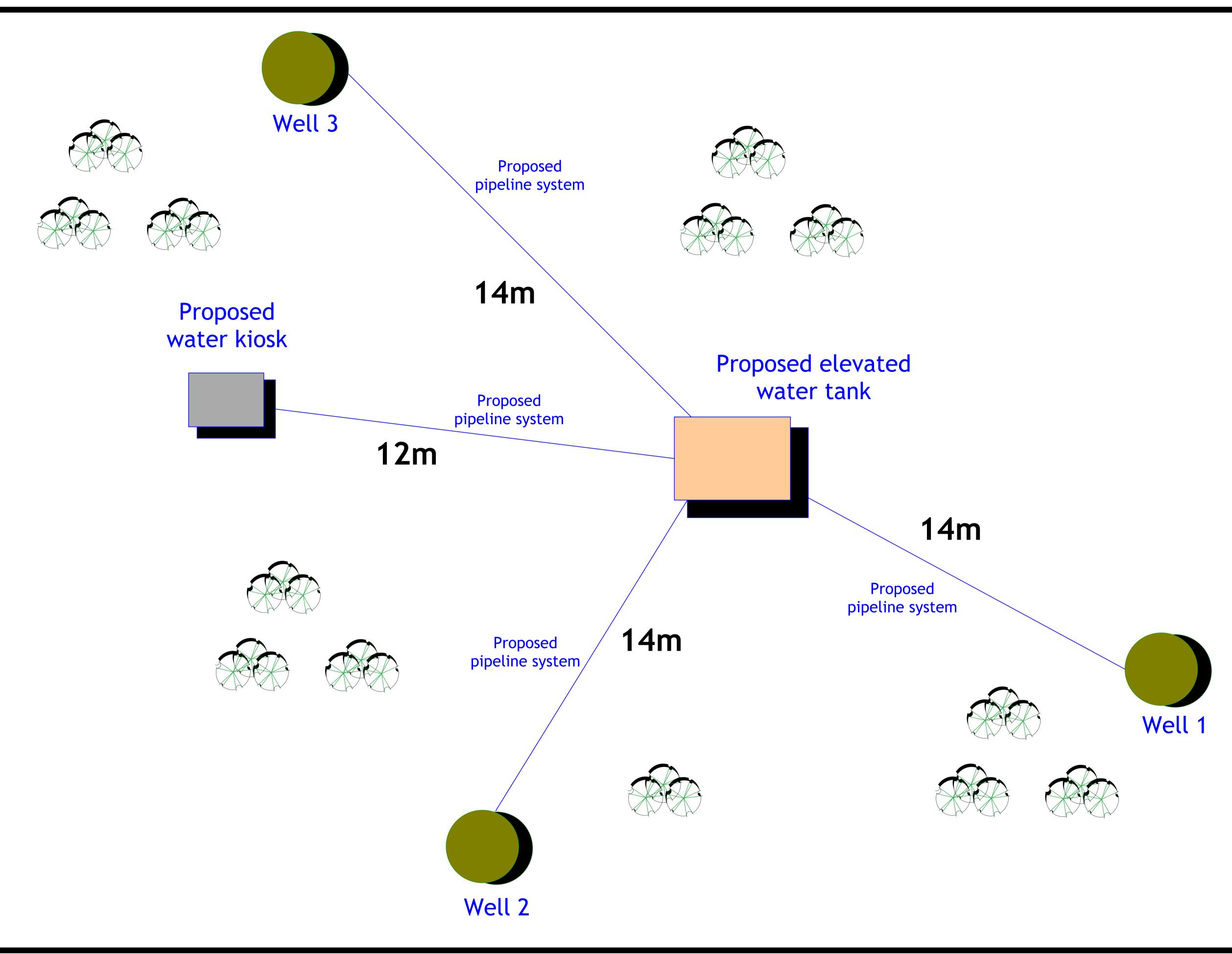
PROJECT.

PROPOSED SHALLOW WELL
REHABILITATION
-BULLA GADUUD DISTRICT-

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DATE	JANUARY. 2018	SITE PHOTOS
DESIGNED BY:	J. NANDWA	DRAWING Nº:
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		





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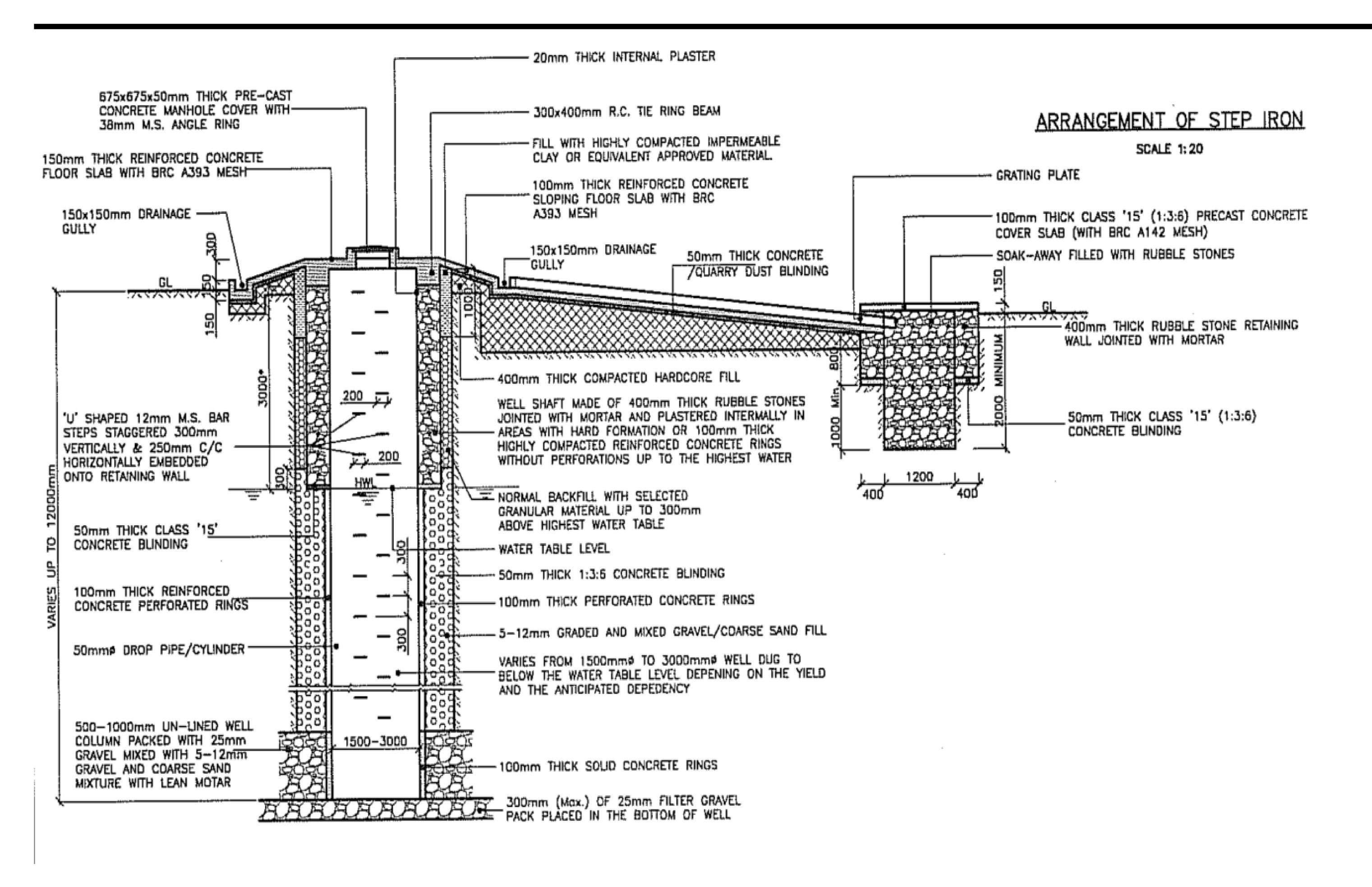
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DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

SHALLOW WELL

SHEET Nº:

05/22

A3



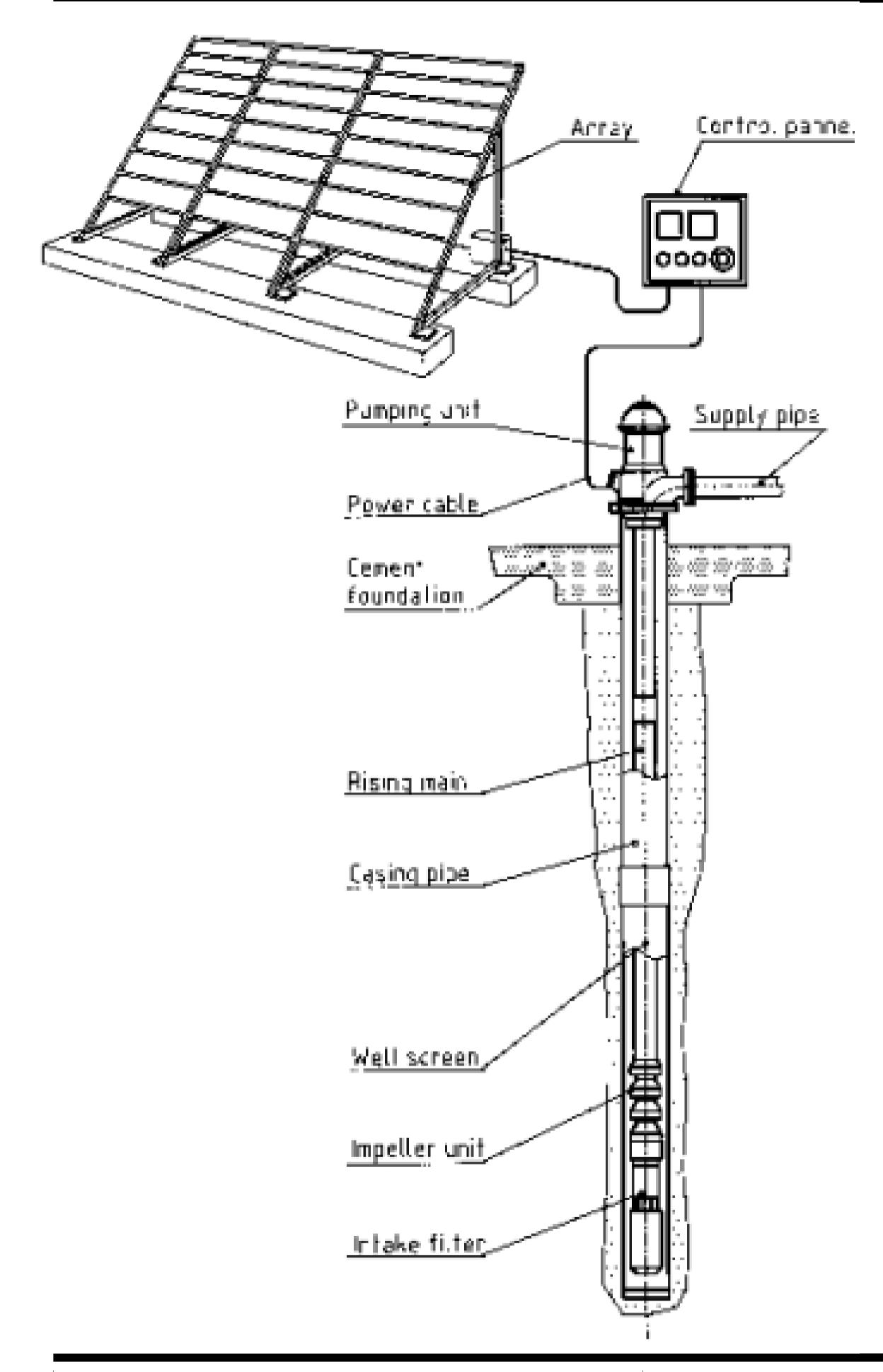
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DATE	JANUARY. 2018	WELL DETAILS DRAWING Nº:
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

SHALLOW WELL

SHEET Nº:

06/22



MOTORIZED PUMP INSTALLATIONS

- The well should be able to produce a minimum head of 0.5l/s of water to install motorized pump
- The well to be equpied with a low head submersible solar pump for water levels (both static and dynamic greater than 6m from the top of the well
- A centrifugal pump is recommended for static water levels lower than 6m
- Shock chlorination after works have been completed with at least 50mg/l
- Water quality should comply with WHO guidelines
- Types of pump Submersible pump for well depth with dynamic water table less than 6m
- Power supply Solar.

PROPOSED SHALLOW WELL
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-BULLA GADUUD DISTRICT-

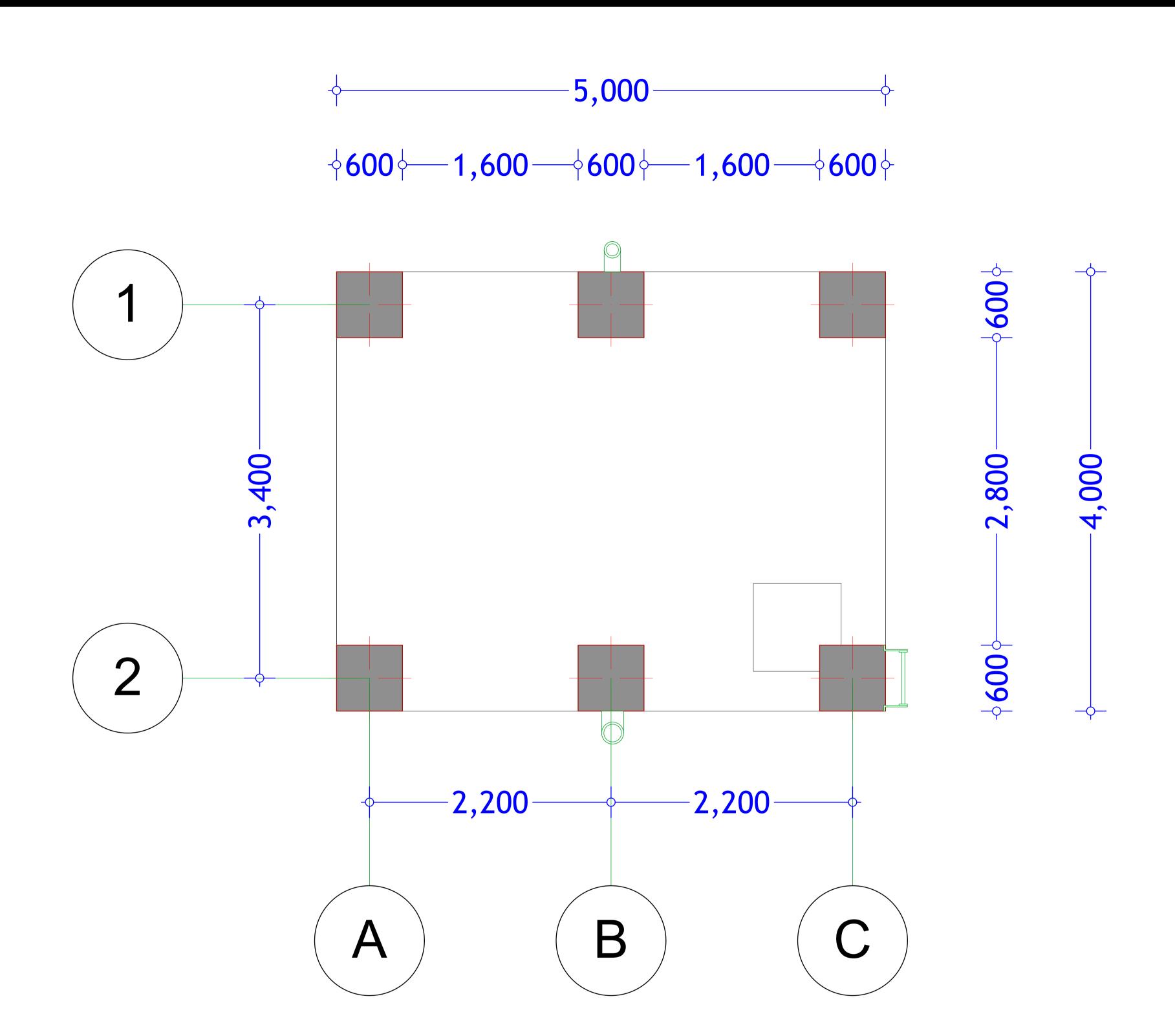
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DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT N ⁰ :
REVIEWED BY:		
APPROVED BY:		

SHALLOW WELL

SHEET Nº:

07/22

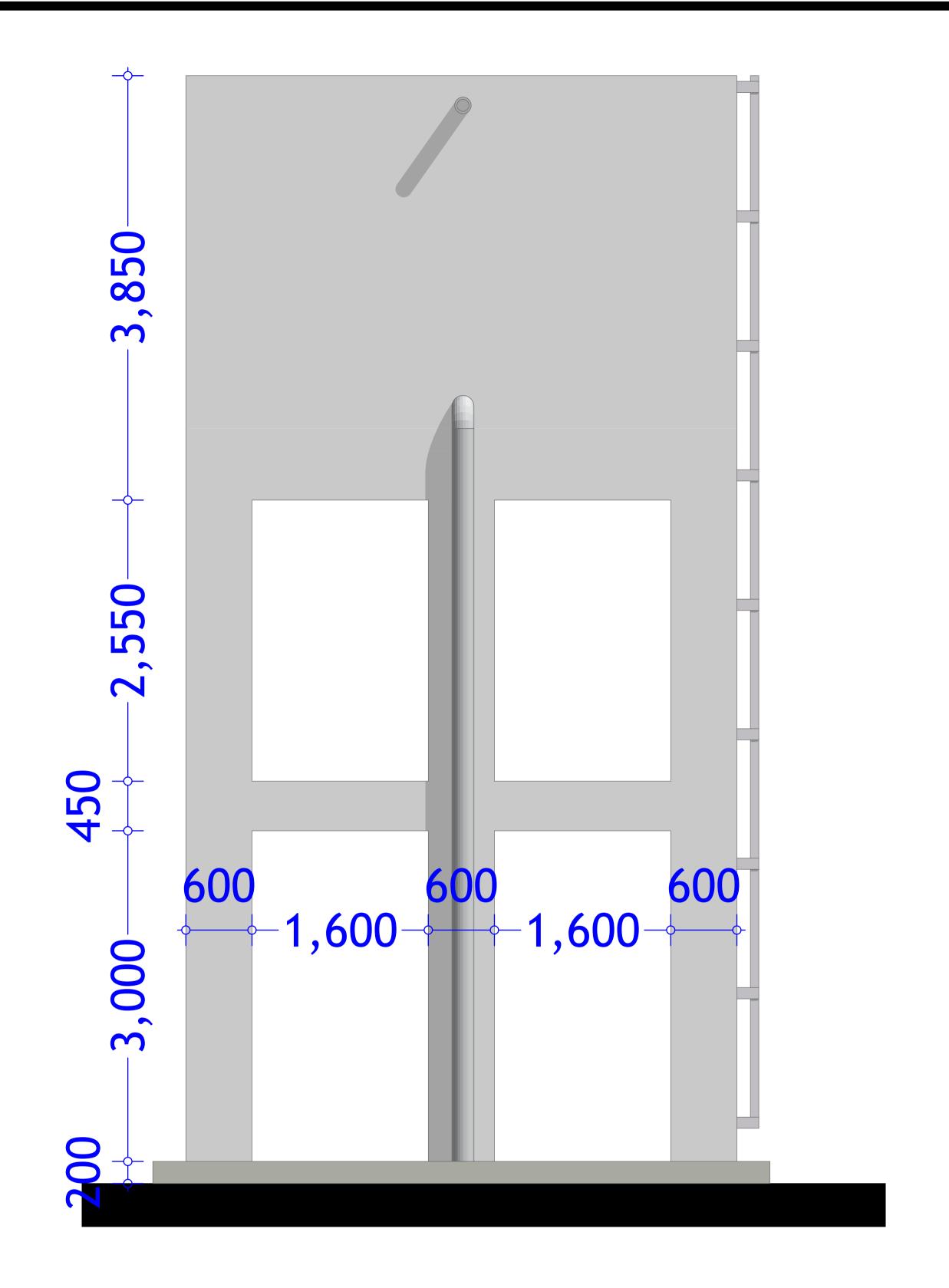


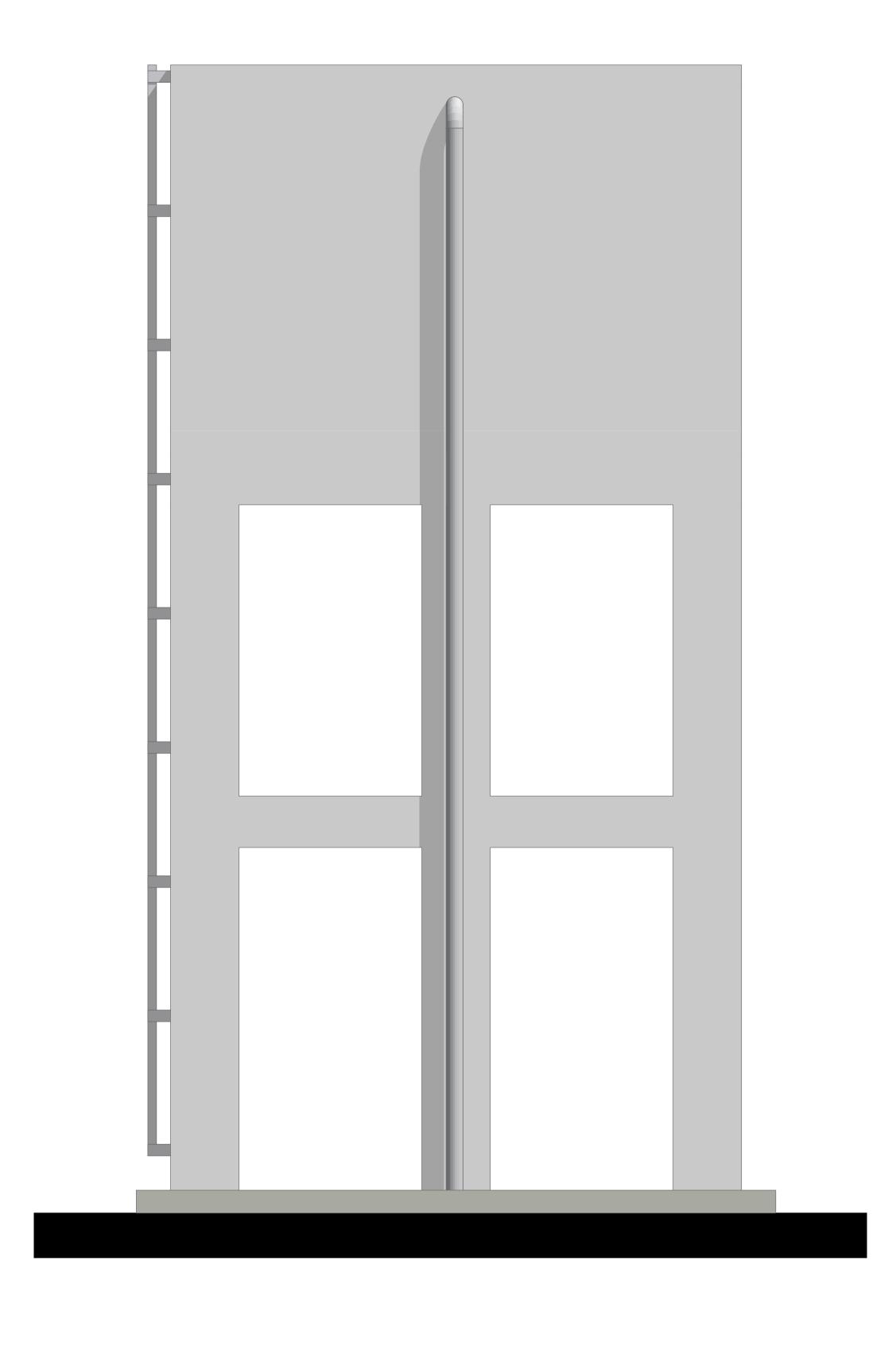
Floor plan

SHEET TITLE:
FLOOR LAYOUT

SCALE		DRAWING TITLE:
DATE	JANUARY. 2018	
		DRAWING Nº:
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
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South Elevation

North Elevation

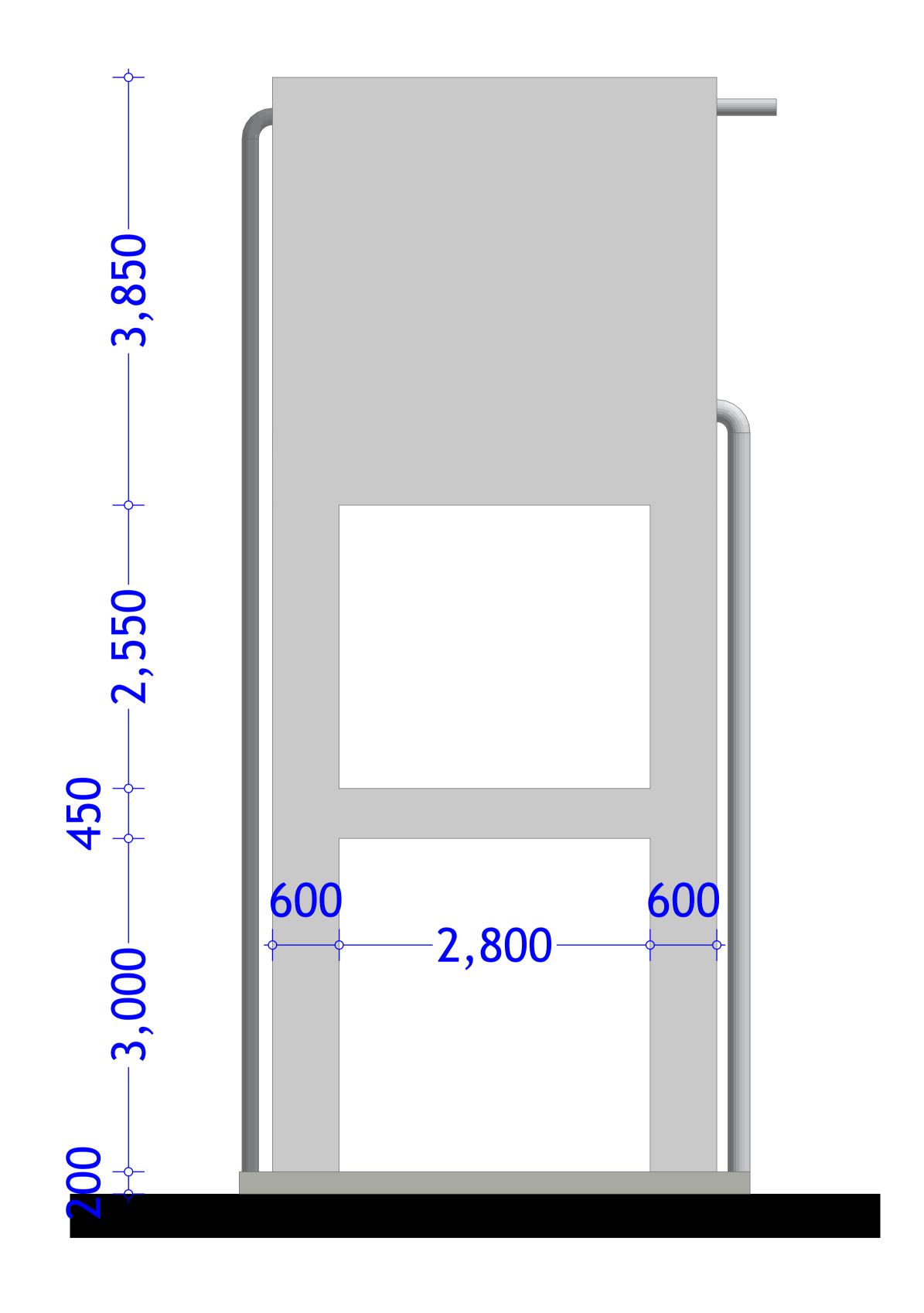
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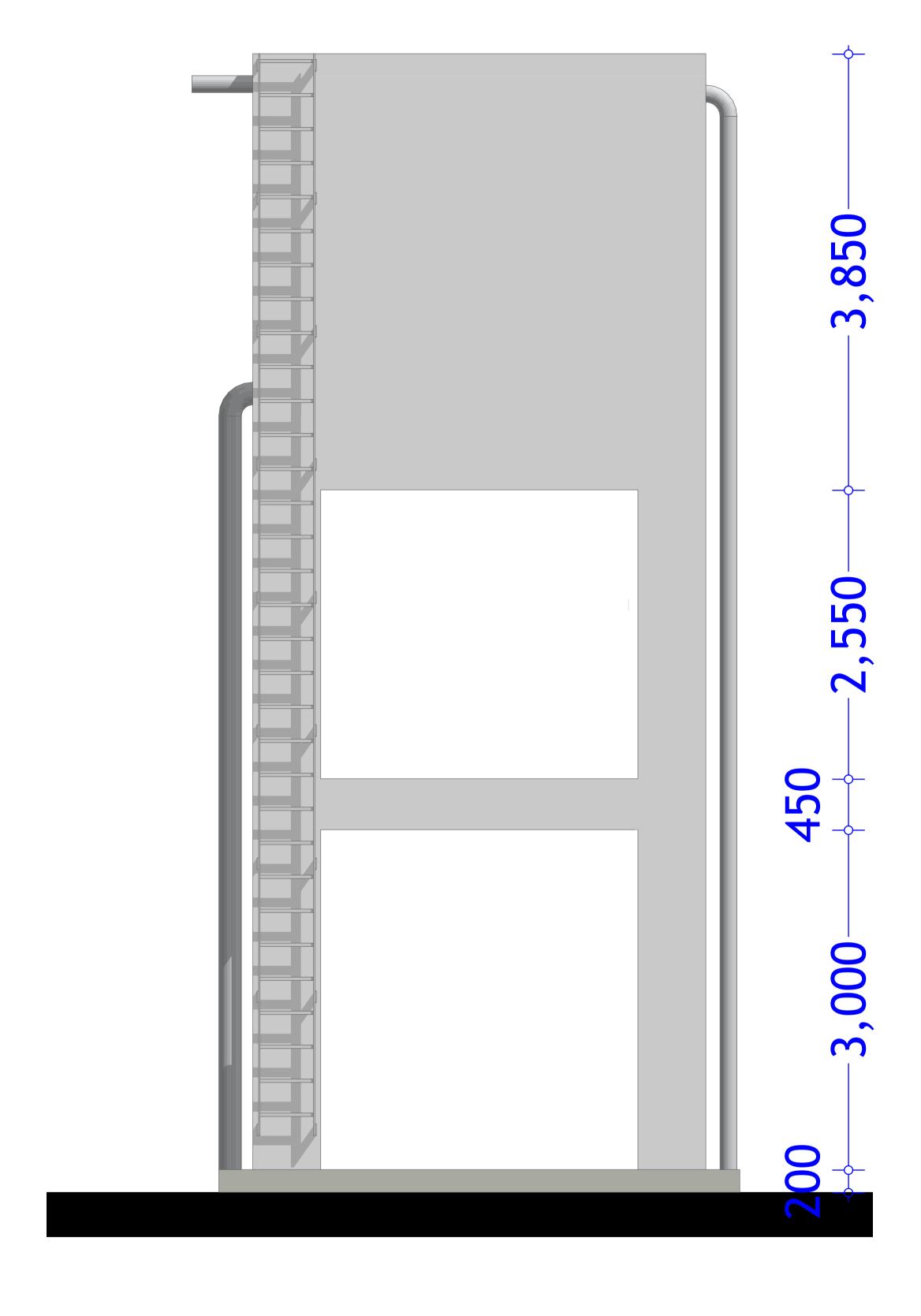
ELEVATIONS_1

SCALE		DRAWING TITLE:
DATE	JANUARY. 2018	
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DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
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WATER TANK

SHEET N^{0} : 09/22





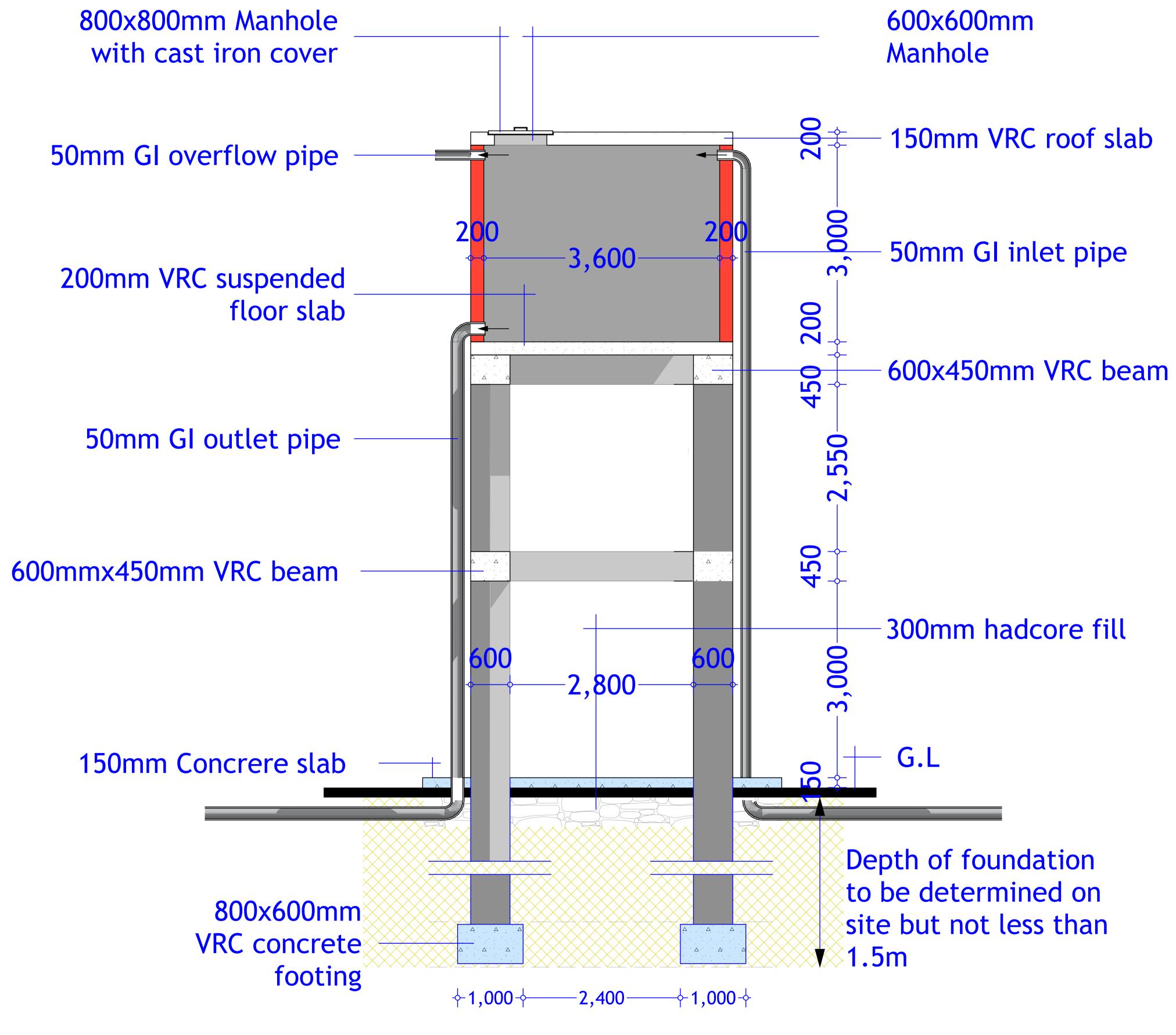
West Elevation

East Elevation

SHEET TITLE:
ELEVATIONS_2

SCALE		DRAWING TITLE:
DATE	JANUARY. 2018	
		DRAWING No:
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

10/22



Sectional Elevation

PROPOSED SHALLOW WELL
REHABILITATION
-BULLA GADUUD DISTRICT-

SHEET TITLE:
SECTIONS

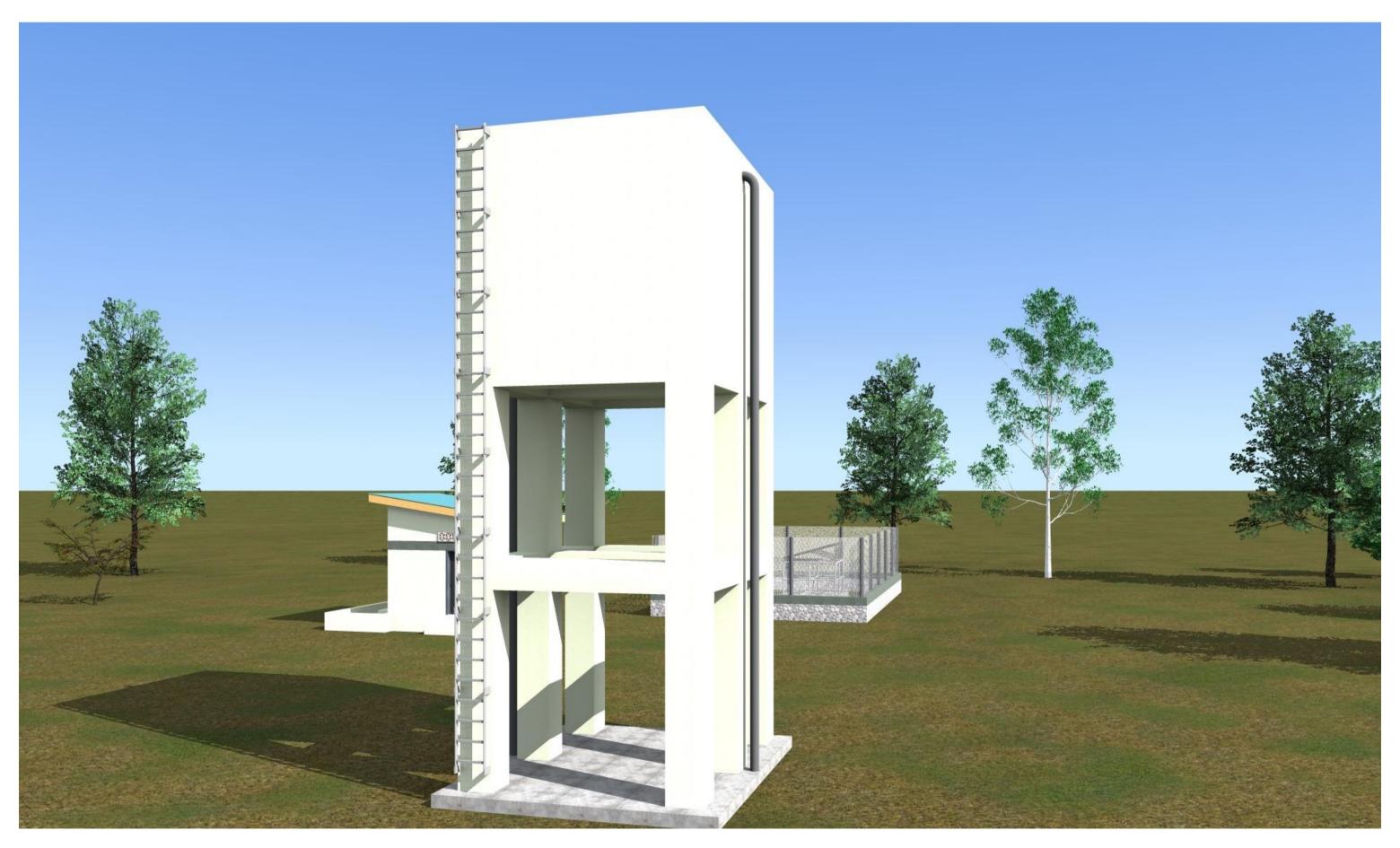
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DATE	JANUARY. 2018	
		DRAWING Nº:
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		











PROJECT.

PROPOSED SHALLOW WELL
REHABILITATION
-BULLA GADUUD DISTRICT-

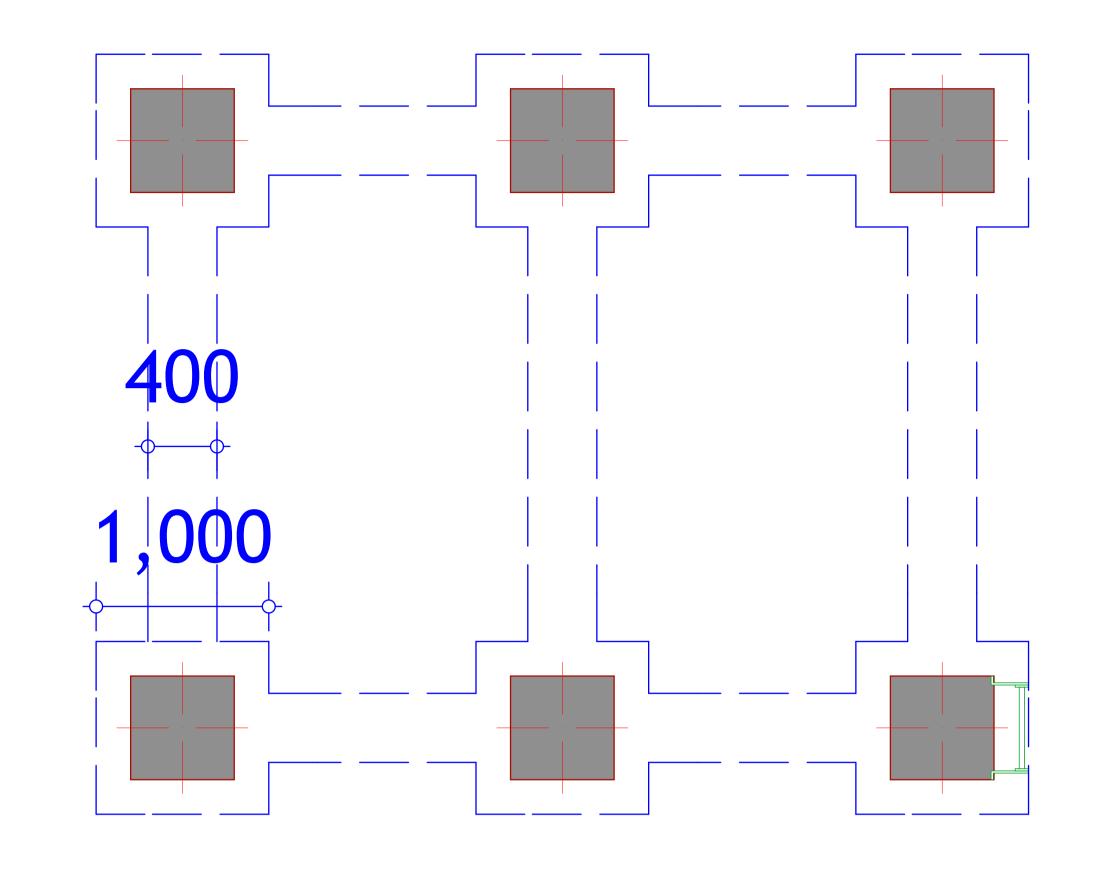
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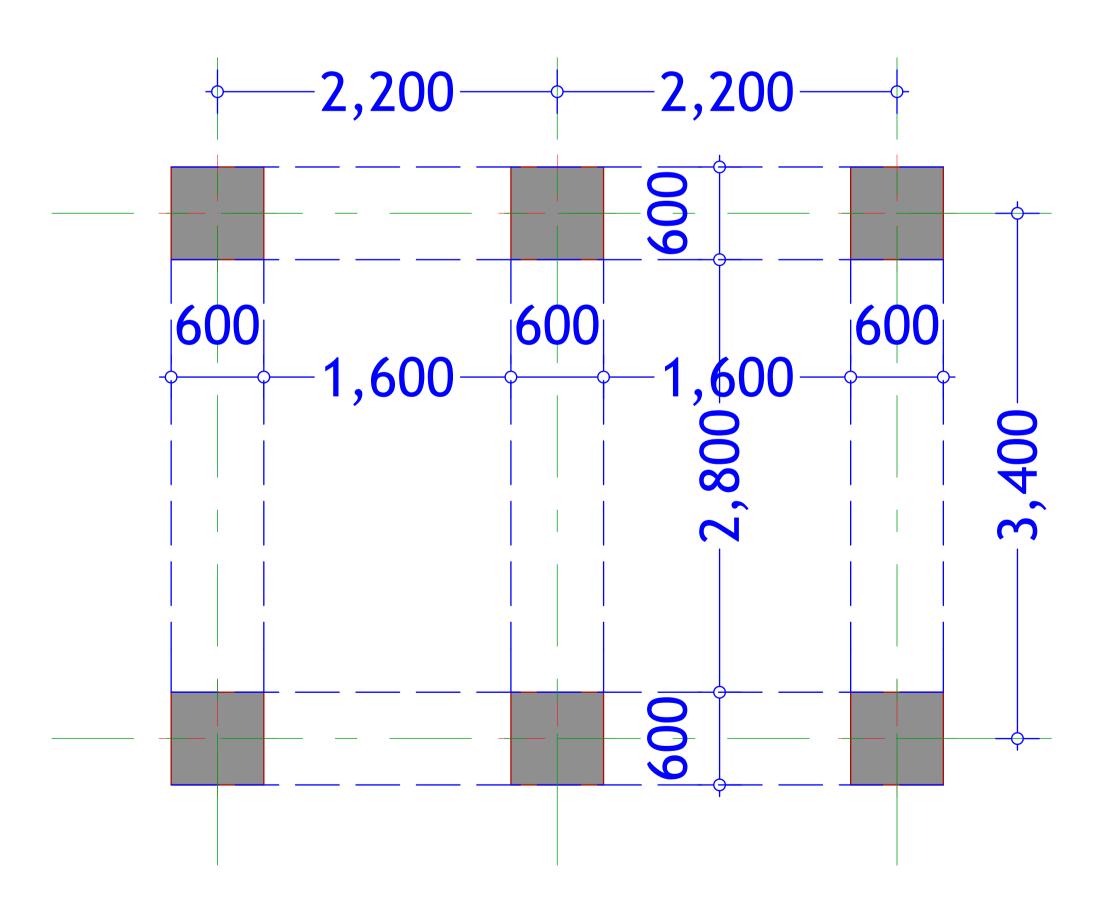
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DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT N ^o :
REVIEWED BY:		
APPROVED BY:		

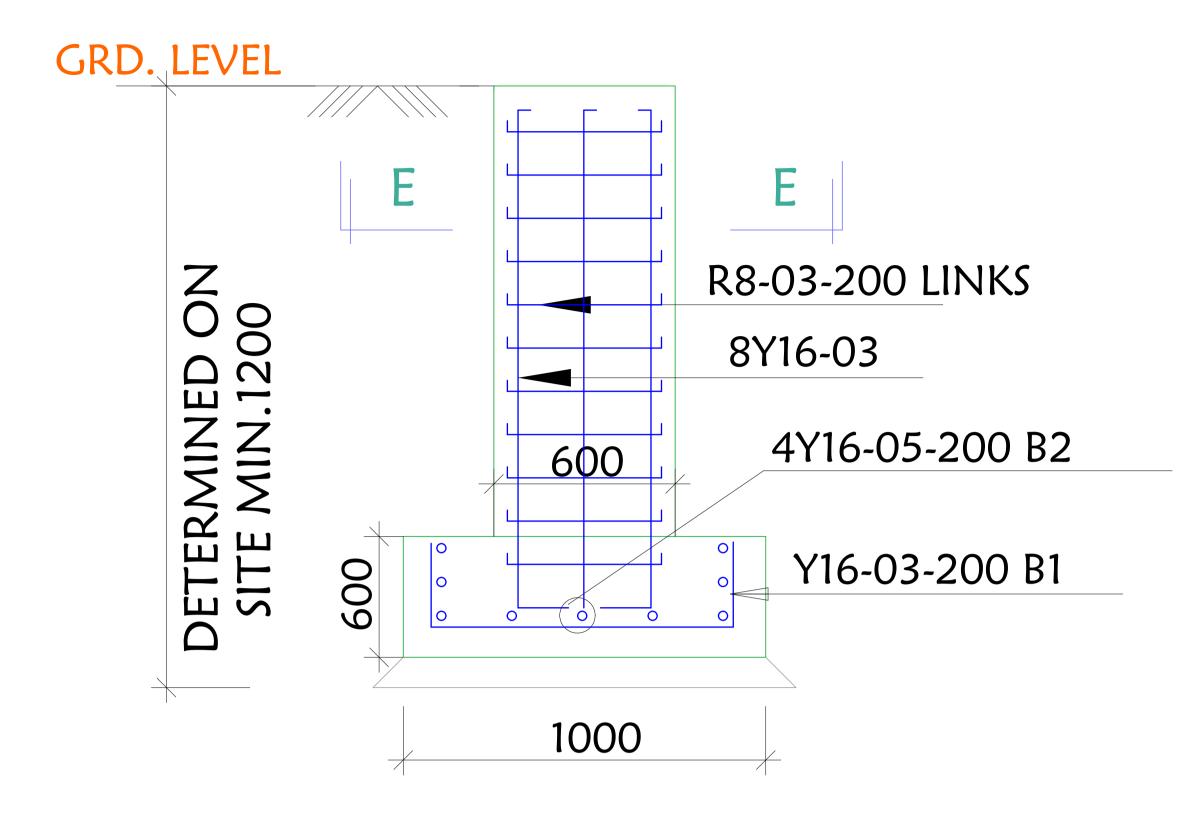
WATER TANK

SHEET Nº:

12/22

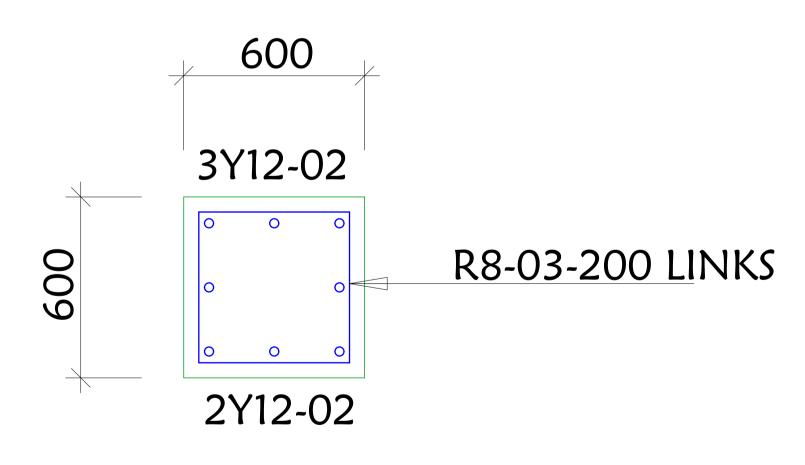






SECTION D-D

SCALE 1:25



SECTION E-E (Column)

SCALE 1:25

PROPOSED SHALLOW WELL
REHABILITATION
-BULLA GADUUD DISTRICT-

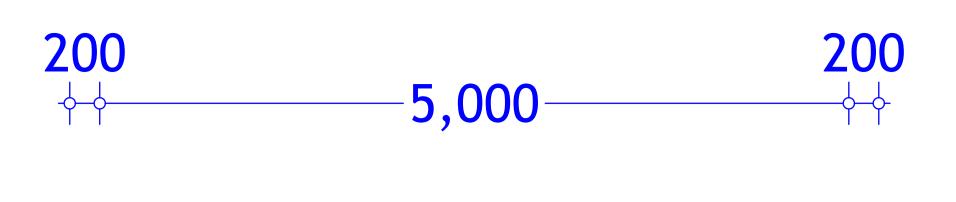
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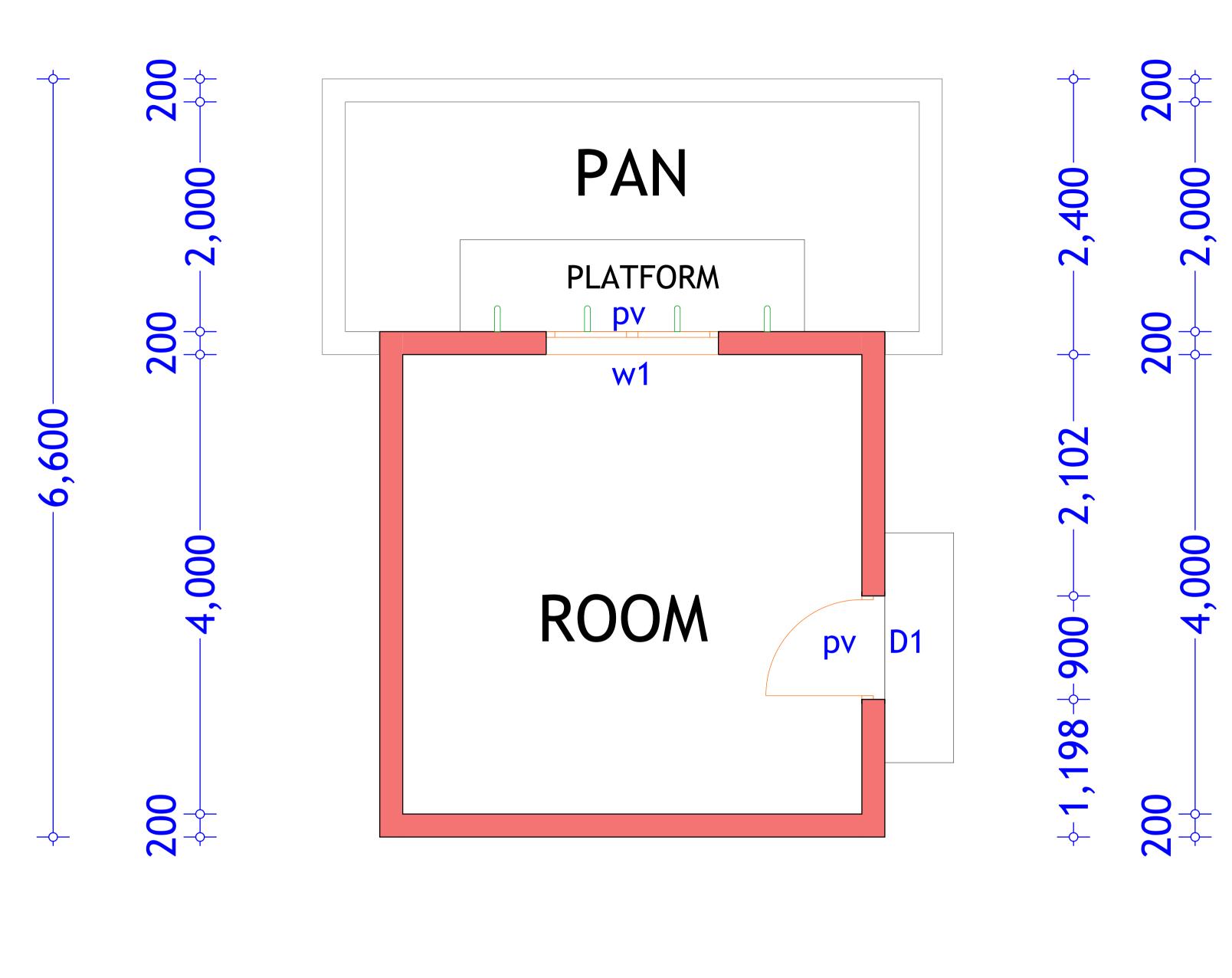
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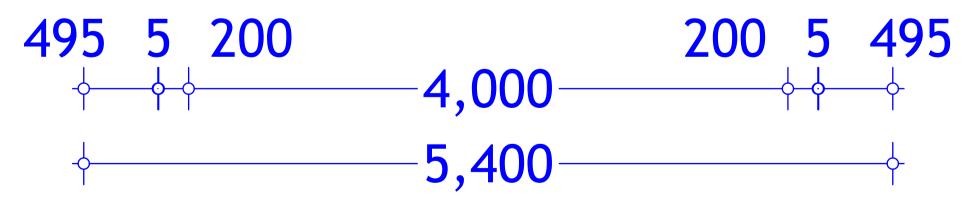
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DATE	JANUARY. 2018	
		DRAWING No:
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

WATER TANK

SHEET N^{O} : 13/22



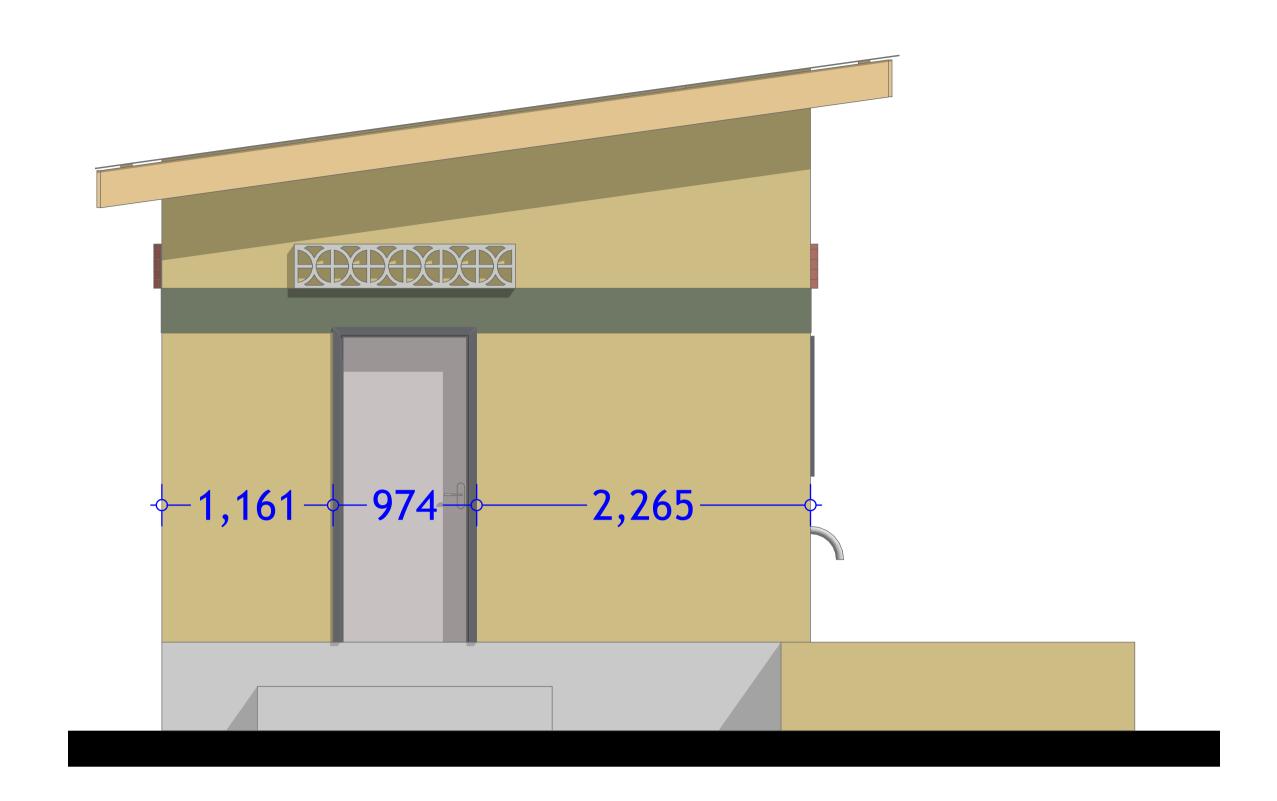


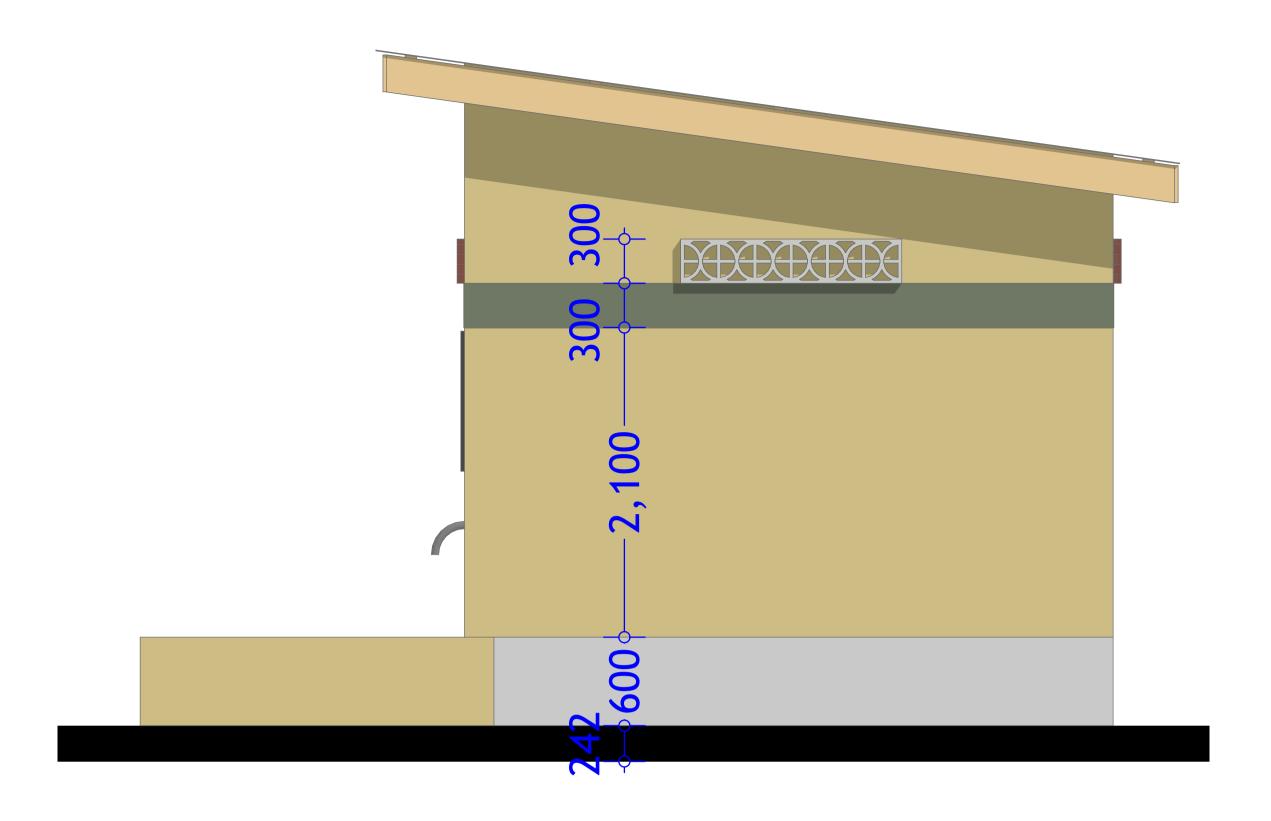


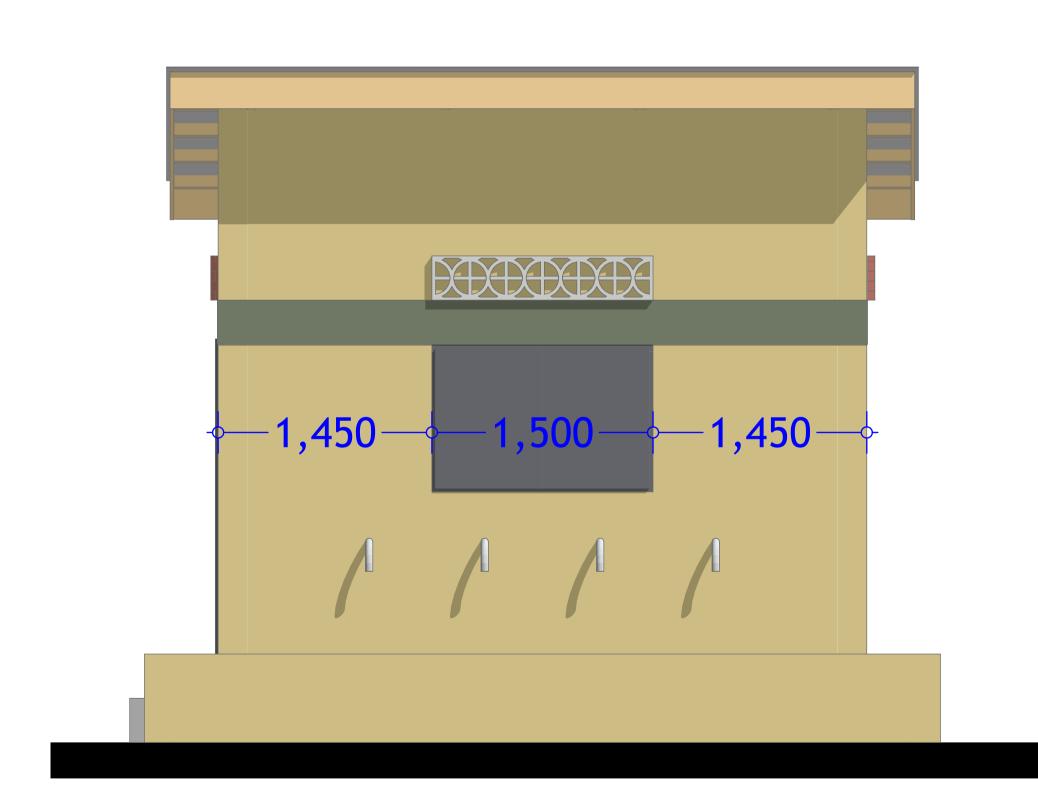
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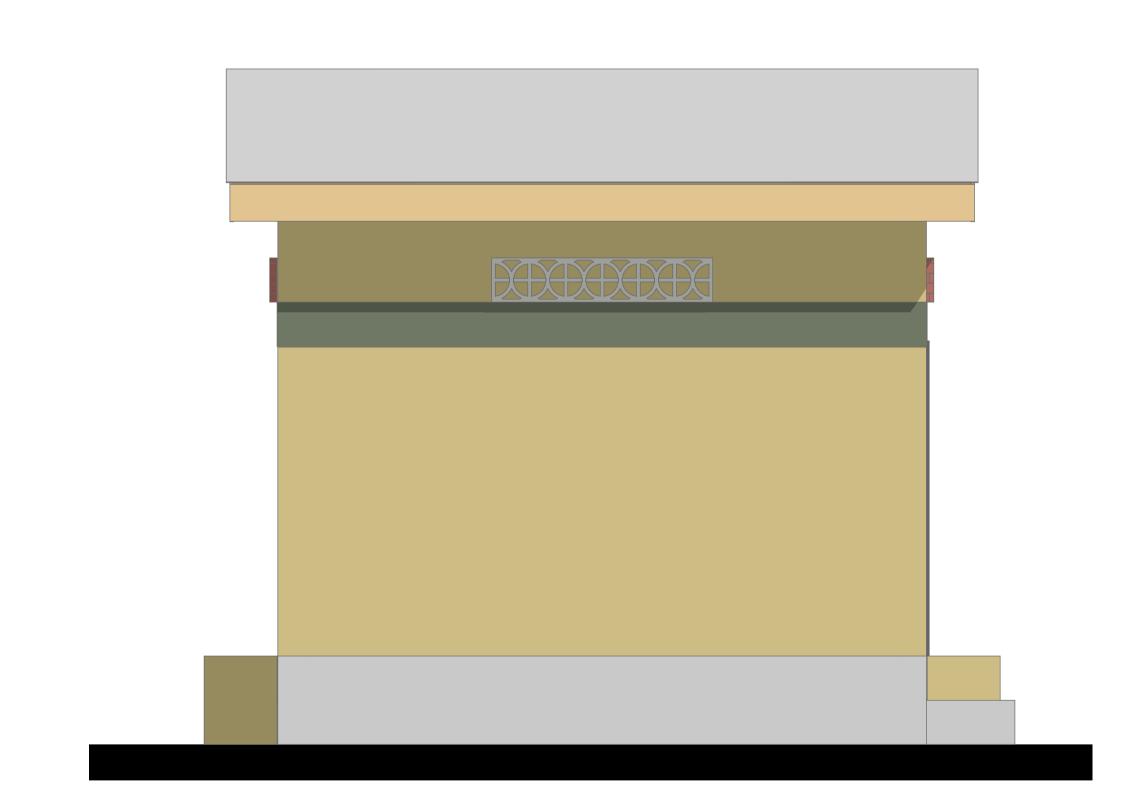
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		DRAWING No:
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

WATER KIOSK









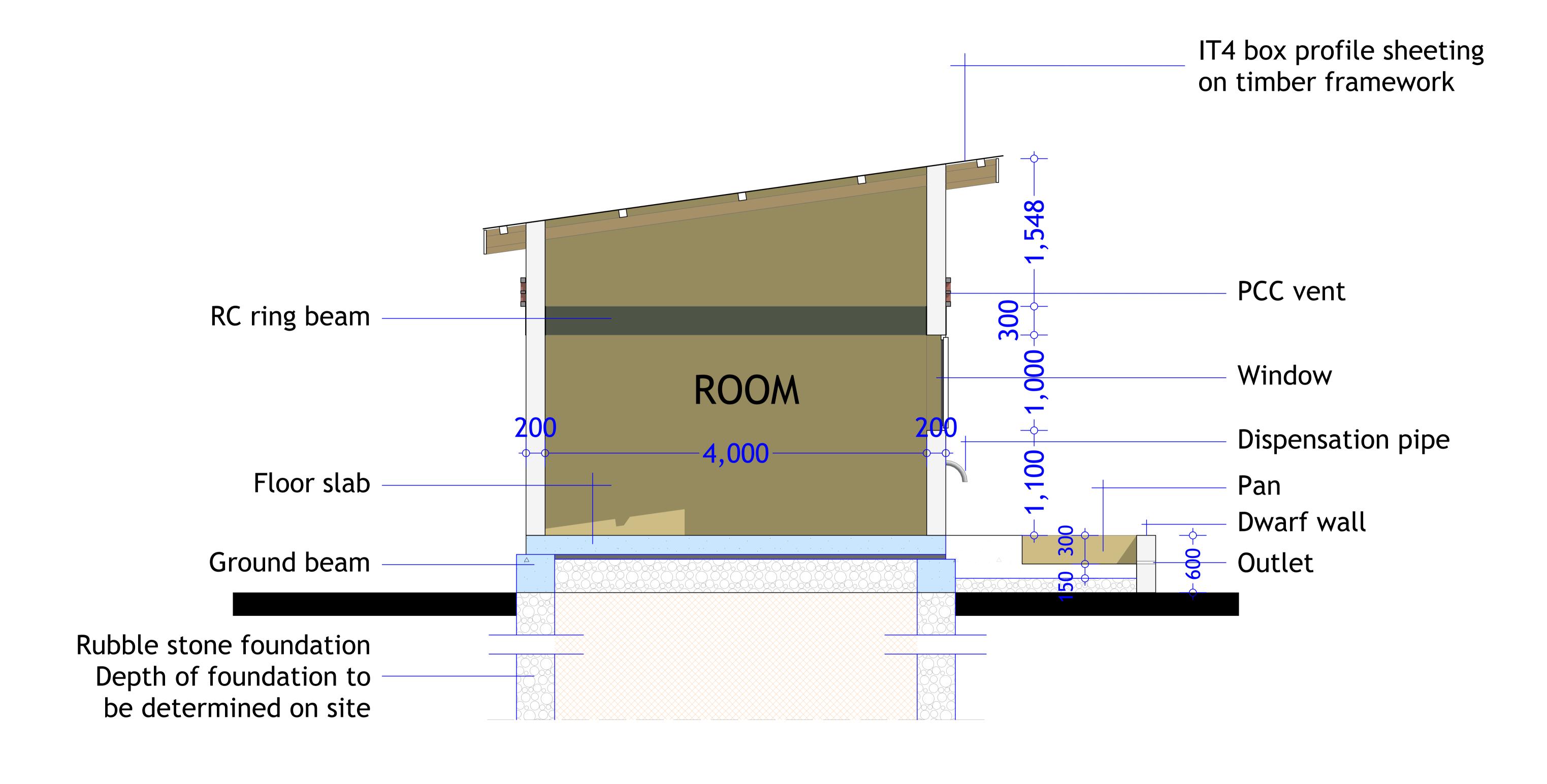
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DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

WATER KIOSK

SHEET Nº:

15/22

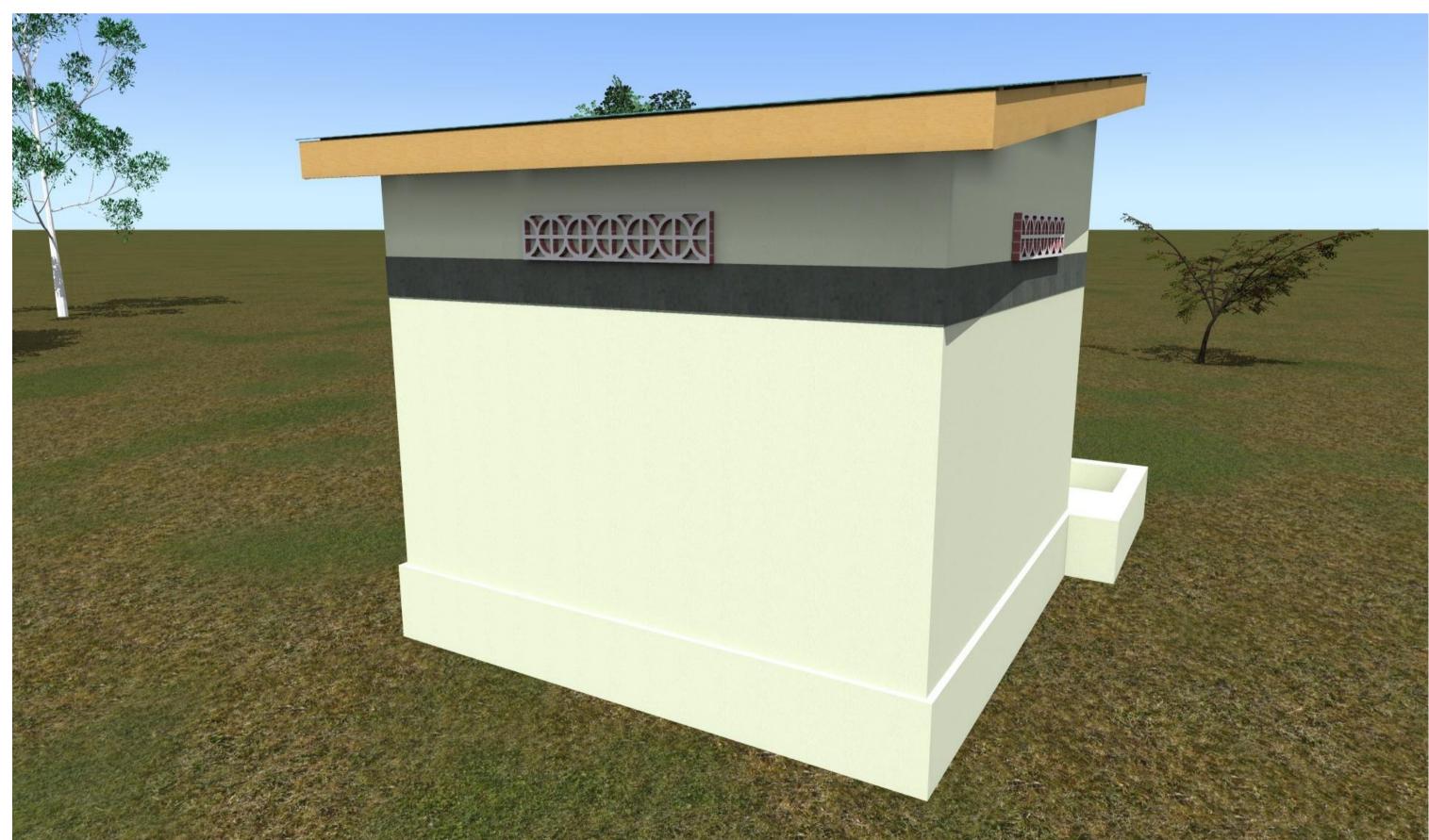


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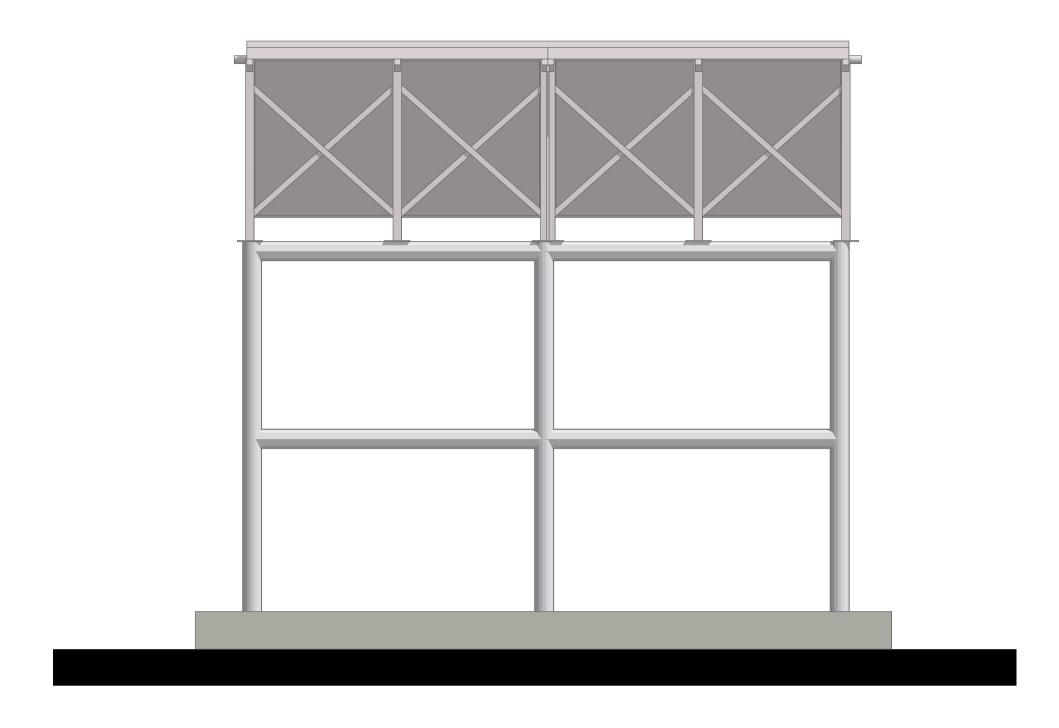
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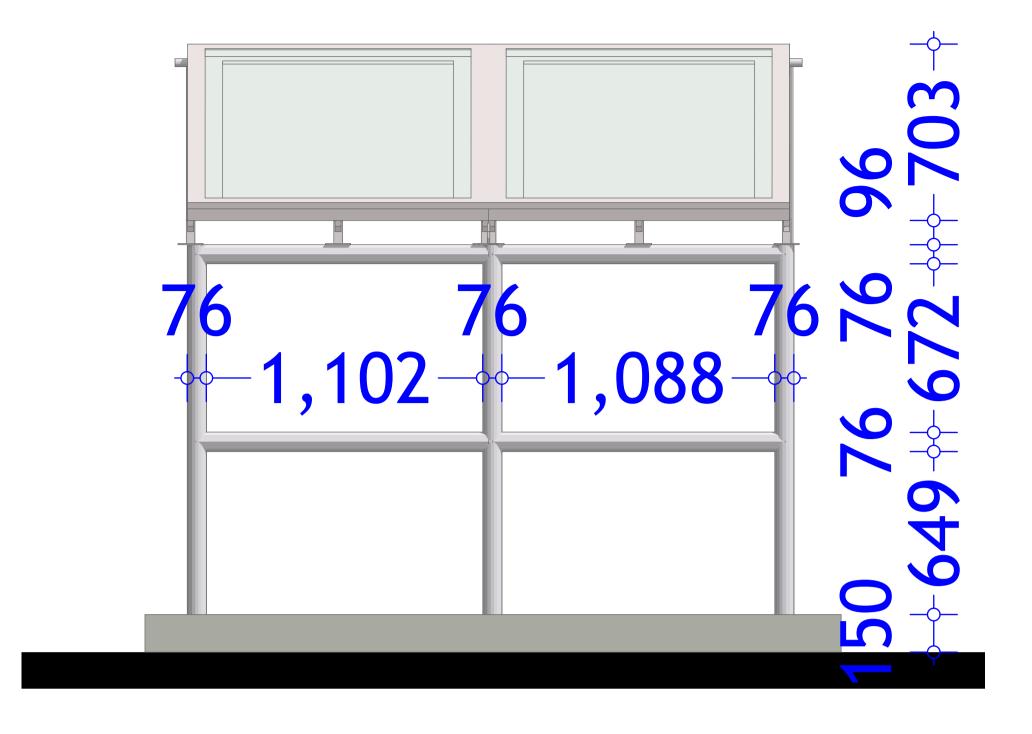
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DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

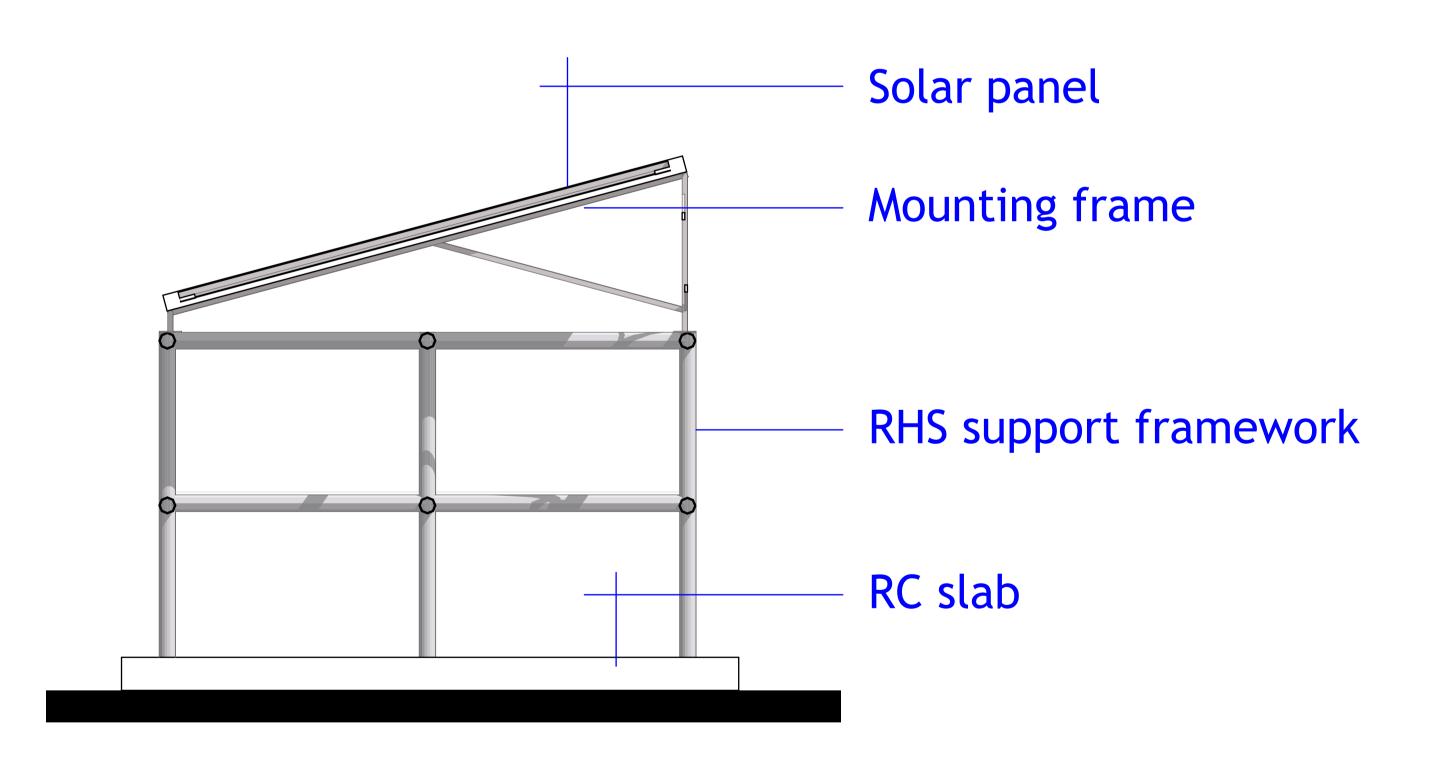
WATER KIOSK

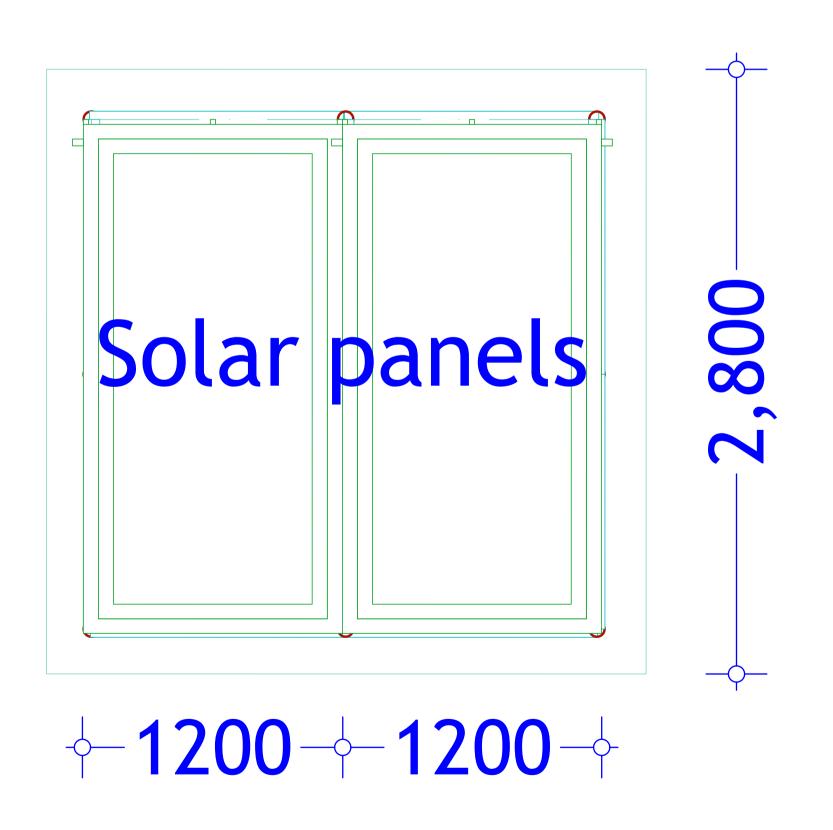
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17/22









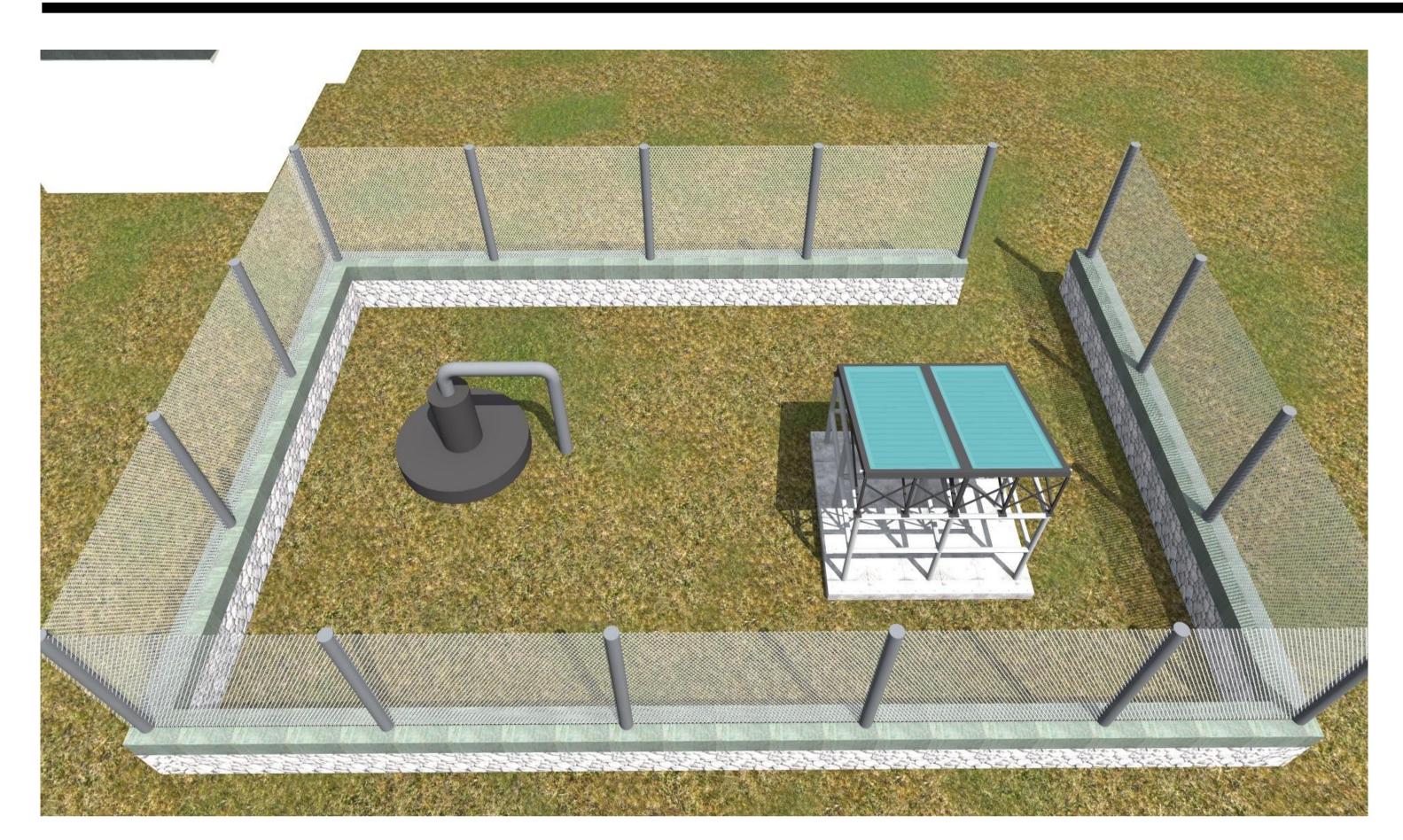
PROJECT.	PROPOSED SHALLOW WELL
	REHABILITATION
	-BULLA GADUUD DISTRICT-

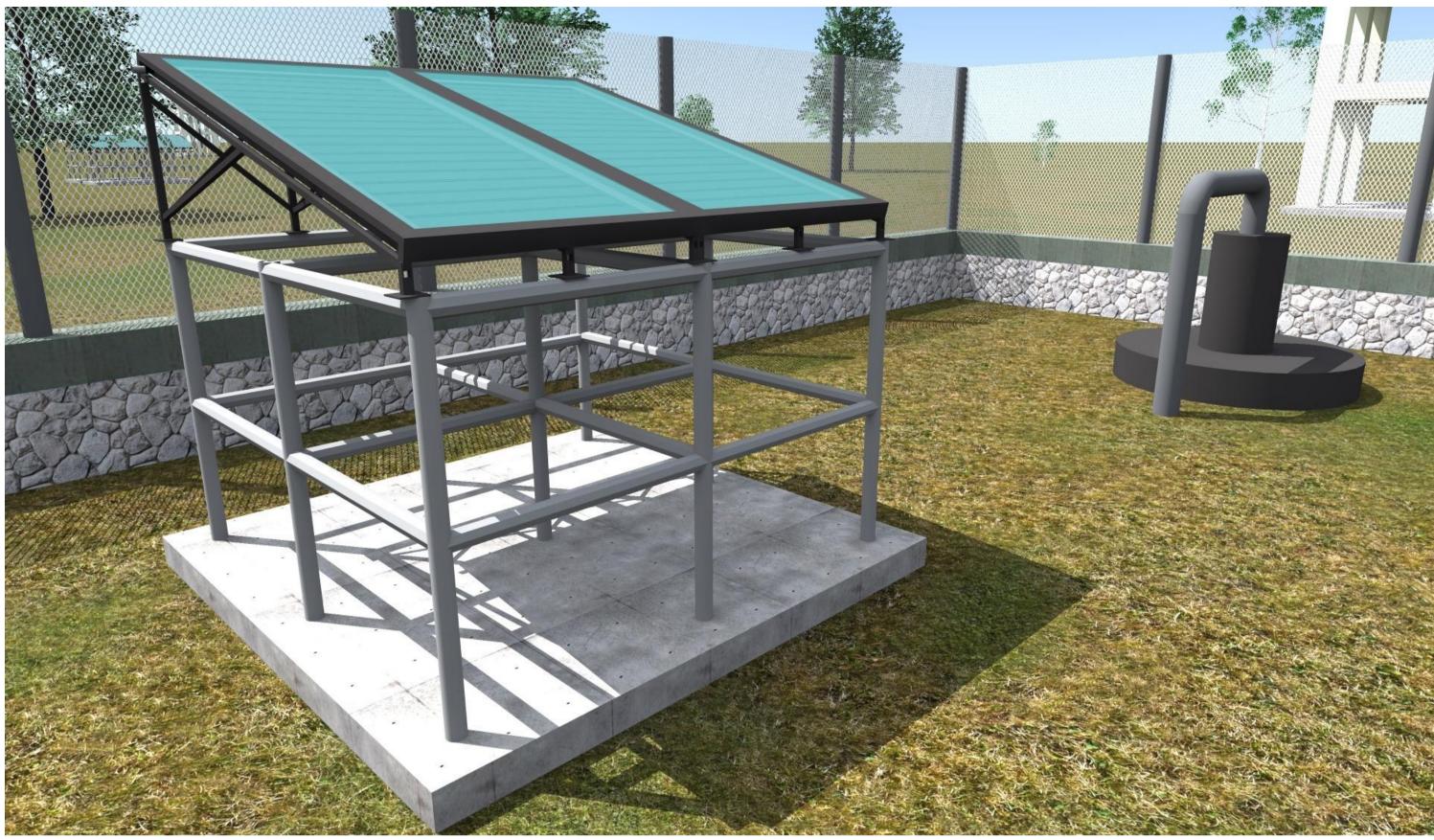
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DRAWN BY:	J. NANDWA	PROJECT Nº:	
REVIEWED BY:			
APPROVED BY:			

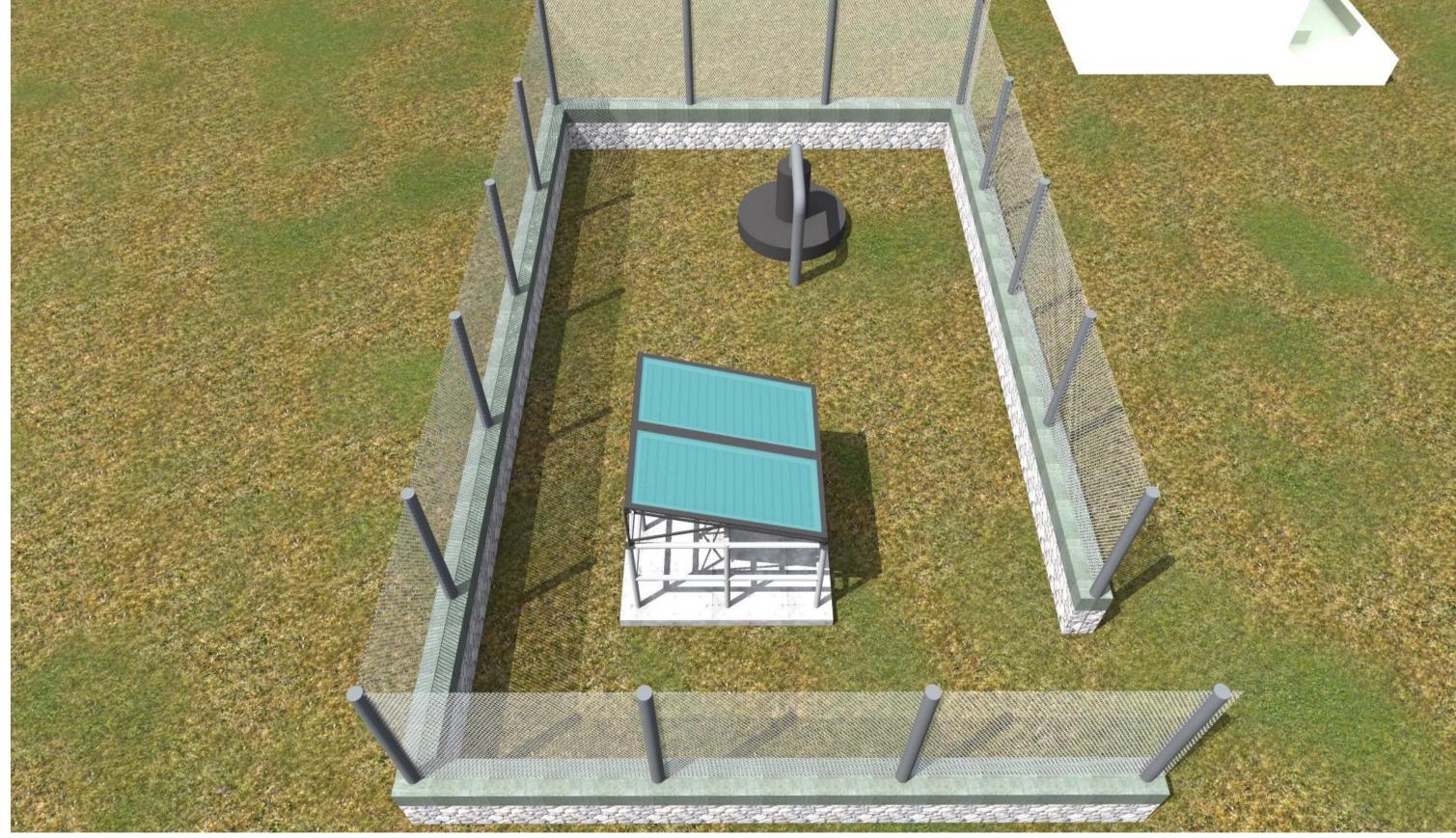
SOLAR

18/22







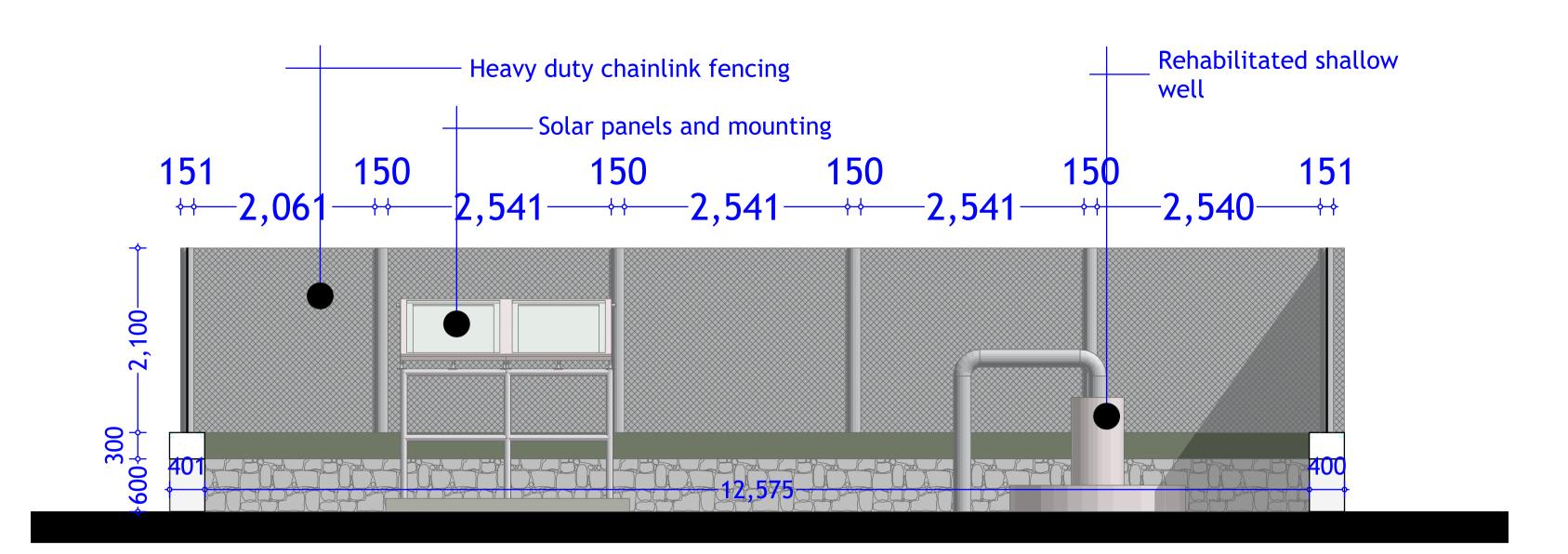


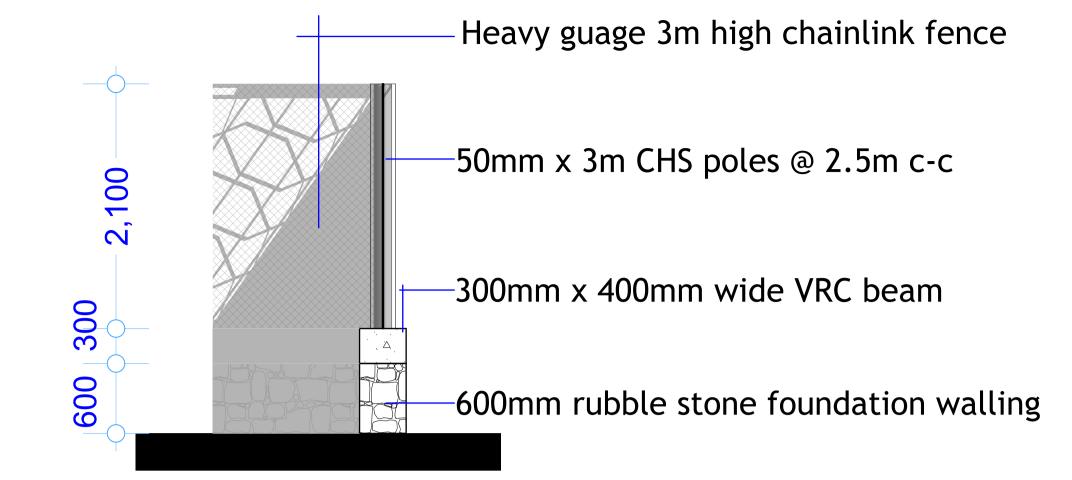
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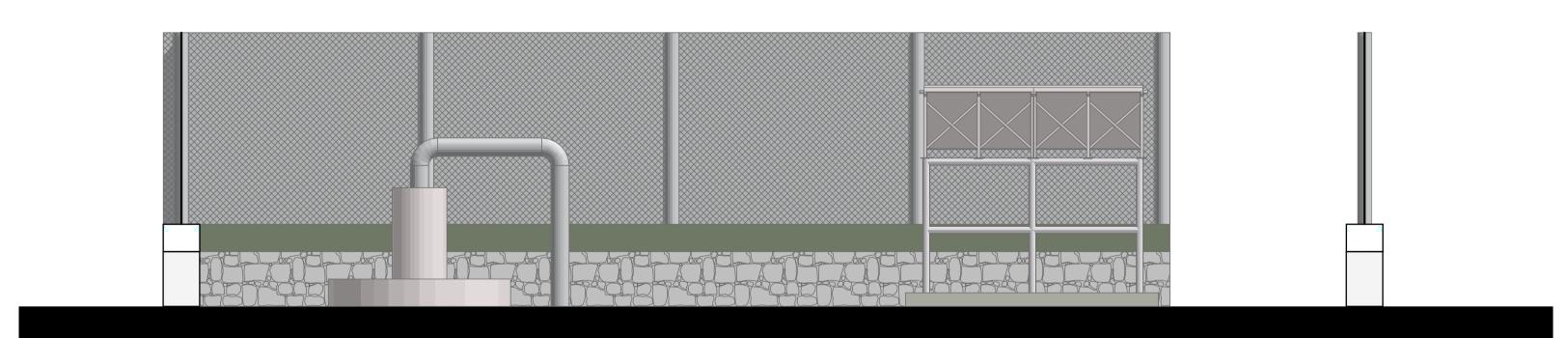
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DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

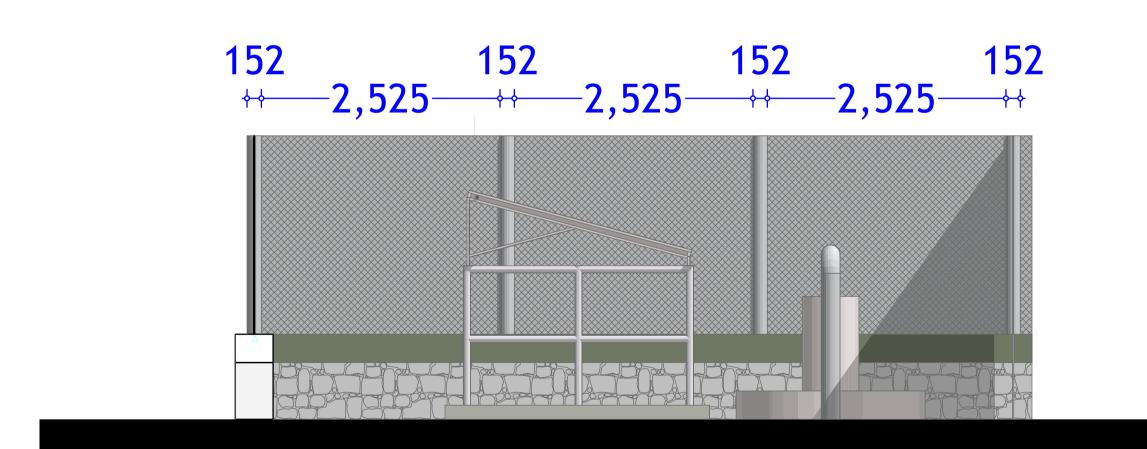
SOLAR

19/22





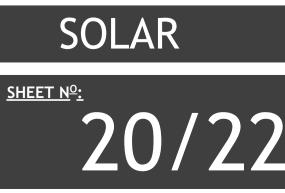


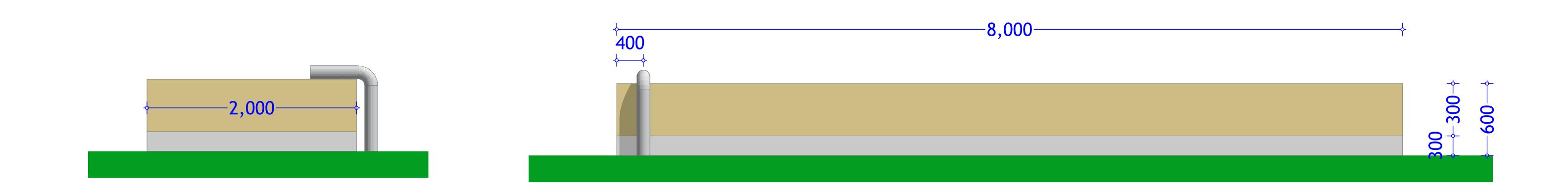


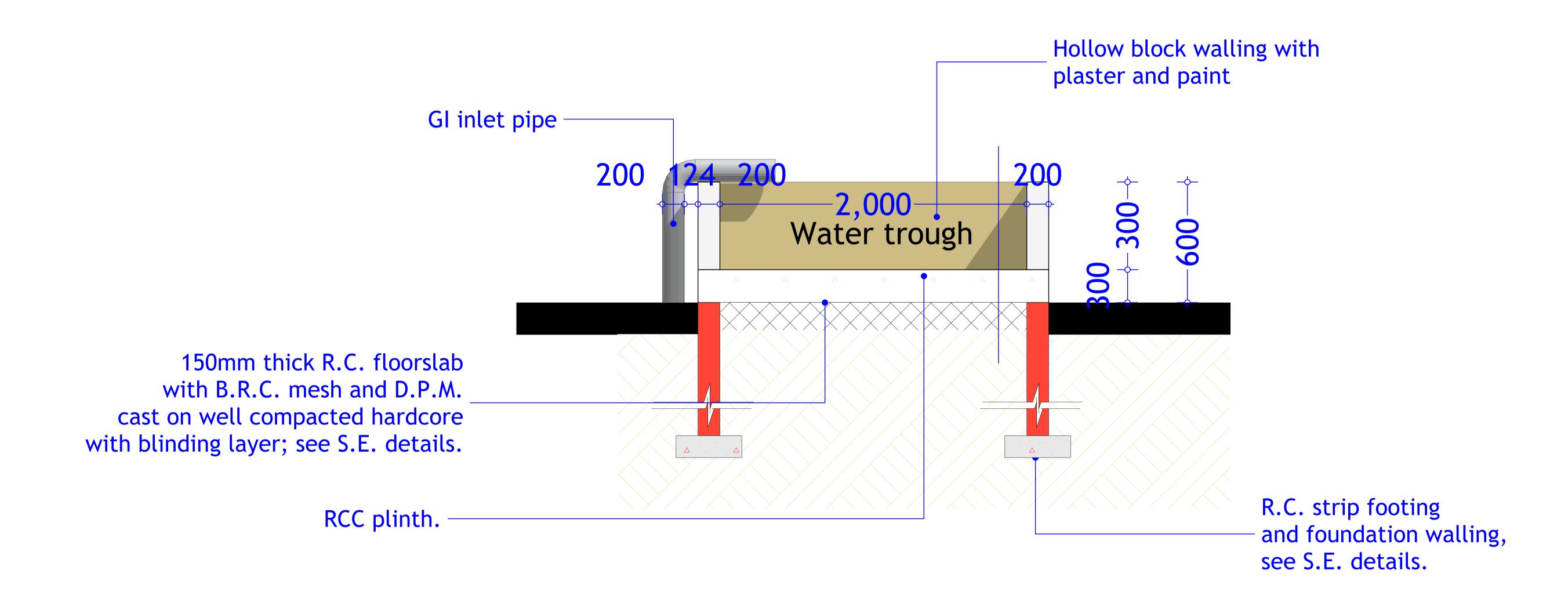
PROJECT.	PROPOSED SHALLOW WELL	
	REHABILITATION	
	-BULLA GADUUD DISTRICT-	

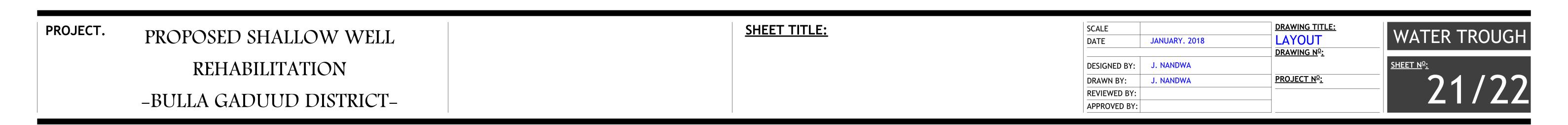
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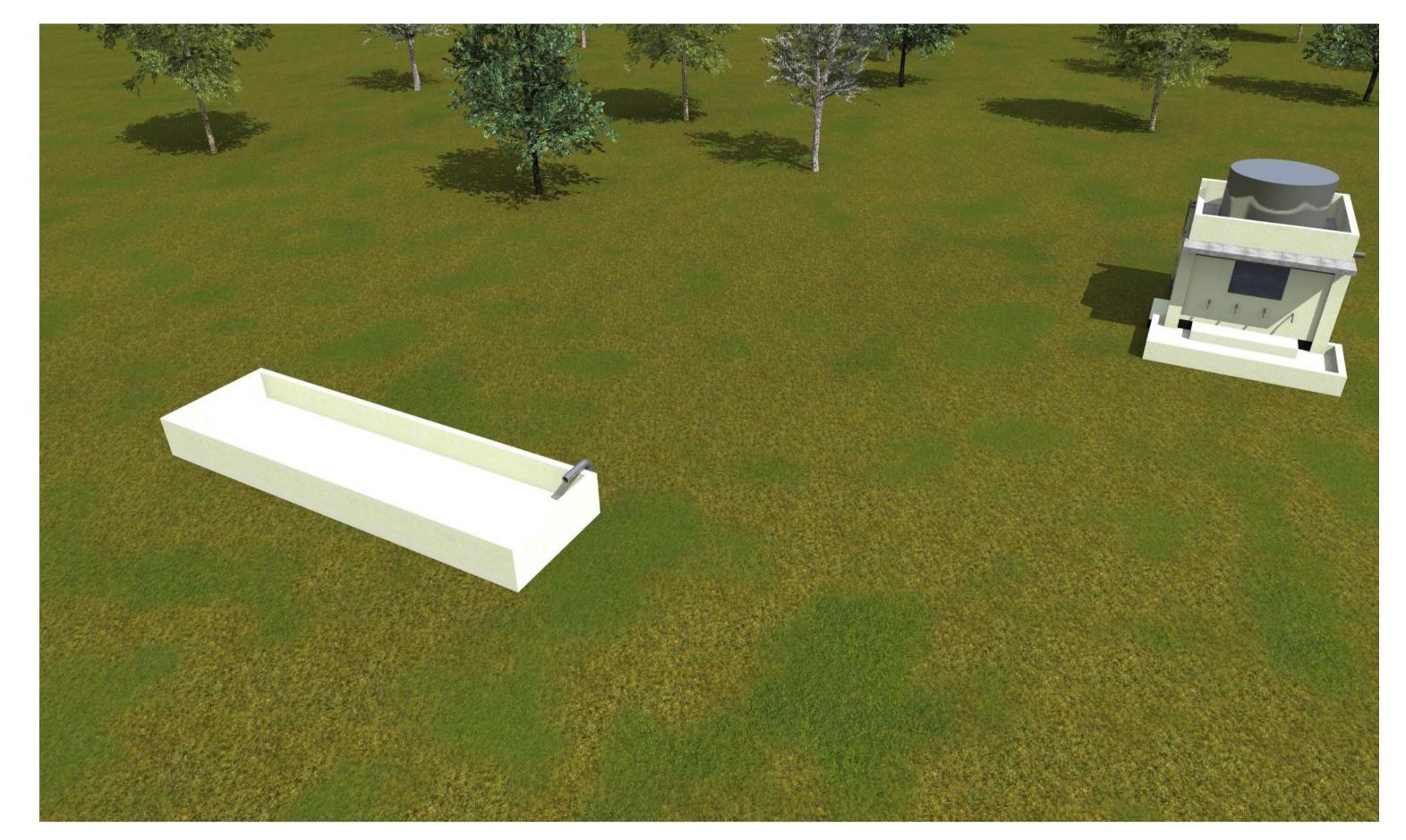
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DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

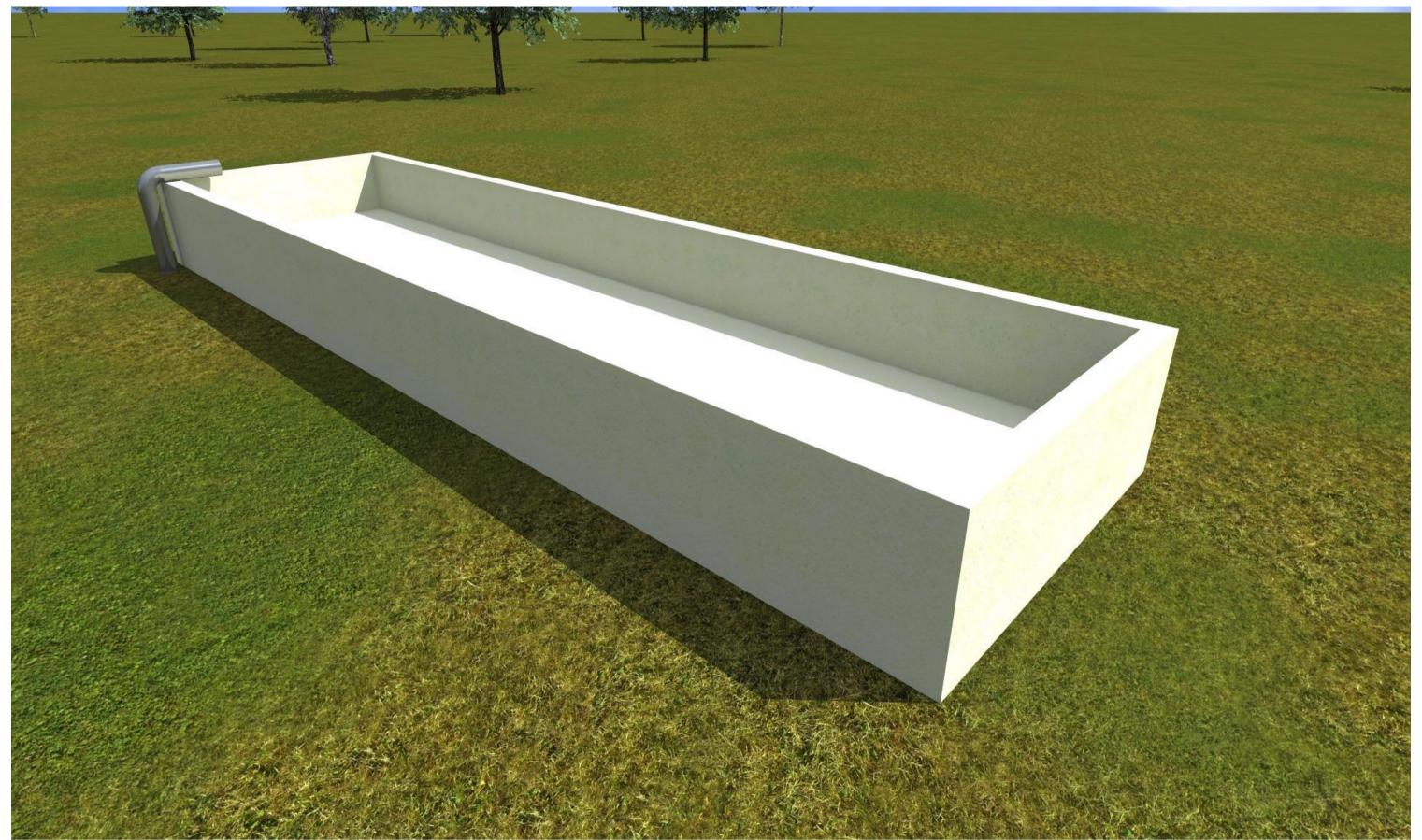


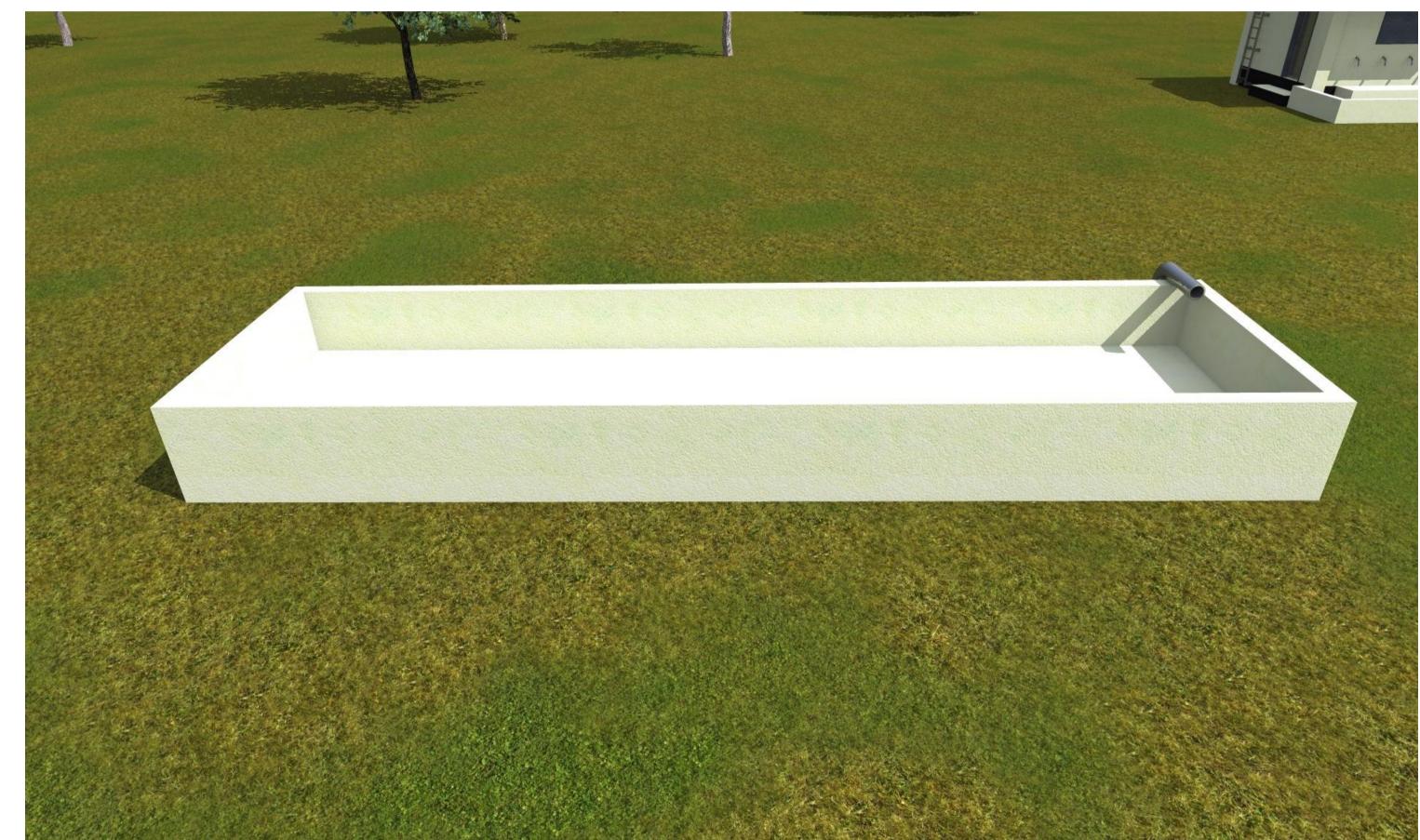














SHEET TITLE:

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DATE	JANUARY. 2018	3D Scenes
		DRAWING Nº:
DESIGNED BY:	J. NANDWA	
DRAWN BY:	J. NANDWA	PROJECT Nº:
REVIEWED BY:		
APPROVED BY:		

WATER TROUGH

SHEET Nº:

22/22