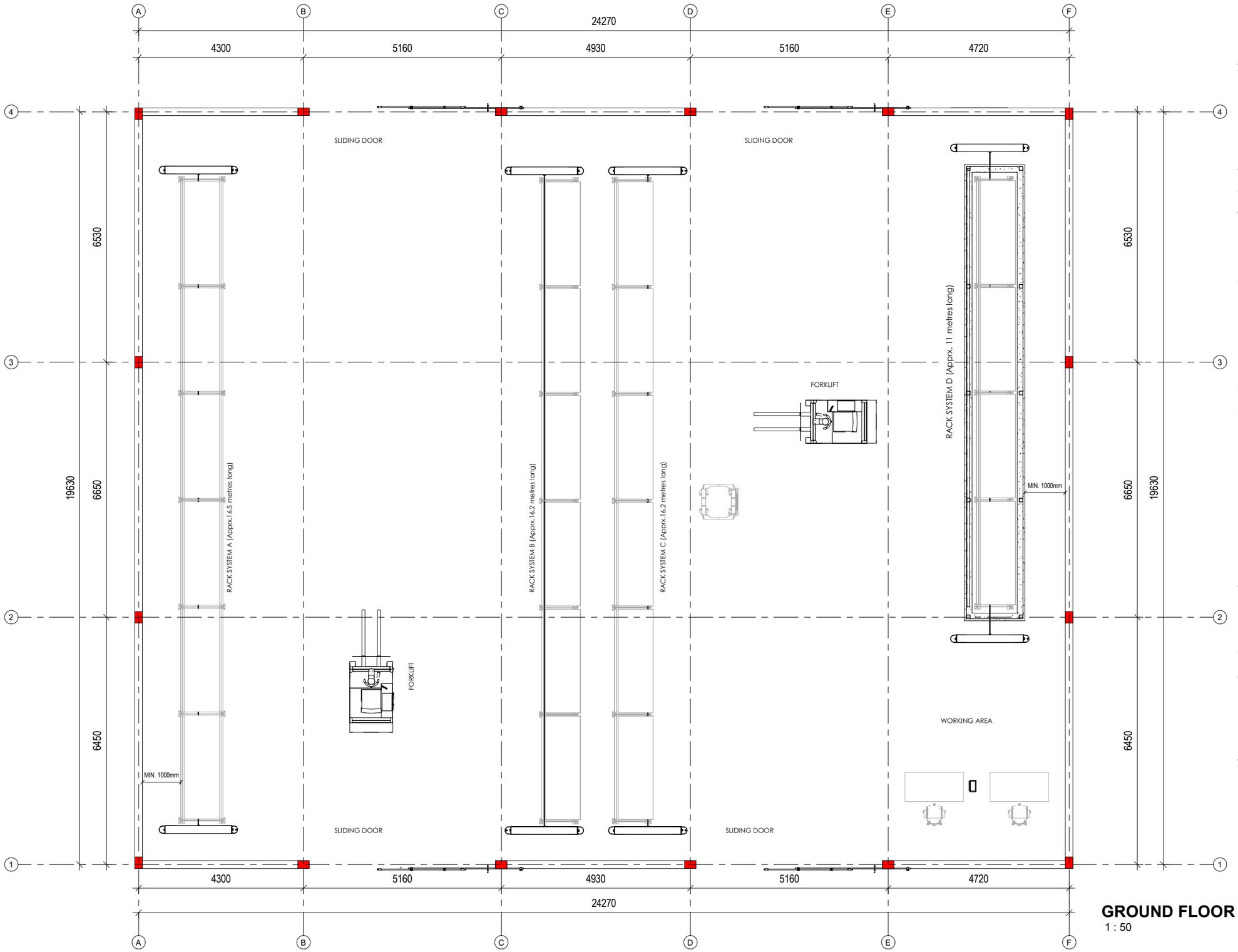


NOTE 1:
AN INDUSTRIAL FINISH IS TO BE APPLIED TO THE EXISTING CONCRETE SLAB.
1. THE SURFACE WILL BE CLEANED TO ENSURE NO DUST OR UNWANTED MATERIALS ON THE SLAB.
2. CHECKS WILL BE DONE TO SEE IF ANY CRACKS ARE PRESENT AND IF SO, REPAIRS ARE TO BE DONE.
3. A PRIME COAT SLURRY TO BE APPLIED TO ENSURE MAXIMUM ADHESION
4. A CHEMICAL HARDENER TO MIXED IN SCREED AND A LAYER OF 30mm MIN. (PROPOSED 50mm) TO BE LAID ONTO THE EXISTING SLAB
5. POWERFLOATING OF THE SCREEDING TO BE DONE TO HAVE A SMOOTH FLOOR FINISH

NB: MASKING OF FLOOR DRAINS TO BE DONE TO ENSURE NO SCREED IS POURED INTO THEM
iIF CONSTRUCTION JOINTS ARE PRESENT WITHIN THE CAST SLAB APPROPRIATE JOINT SEALANT TO BE USED TO ENSURE JOINTS ARE RETAINED AS SCREEDING IS DONE

NOTE 2:
RACK A WILL ONLY HAVE 1 SHELF WITH LOWER SHELVES REMOVED TO PROVIDE SPACING FOR CONDUCTOR WIRE CABLE DRUMS

RACK B WILL HAVE FULL SHELVES AS WELL AS RACK C

RACK C WILL BE HOUSES WITHIN A SHS BARRIER SURROUNDED WITH METAL MESH PLATE WITH OPEN DOTS. THE SHELVES WILL HAVE LOCKABLE PANELS TO ENSURE ACCESS FOR SENSTITIVE MATERIALS INSIDE

NOTE 3:
INDUSTRIAL LADDERS WITH PLATFORMS ARE PROPOSED FOR ACCESSING ITEMS ON THE SHELF

GROUND FLOOR LAYOUT
1 : 50

NOTES:
1. Platform trolley assumed to be H = 0.82M, L= 0.735M and W= 0.475M
   Forklift assumed to be 3T Counterbalance truck with H = 2M, Lift Height = 4M, W = 1.2M and L = 3M
2. Pallet Rack Steel Shelving assumed to be H = 3.7M, L= 2.68M and W= 1.0668M
   Bottom shelf is 1500mm of the ground and Height of 1000mm provided in between shelves.
3. The Rack will be painted REREC colour of Orange, Green and White. Barriers to be painted orange.
4. Dimensions to be read and not scaled
5. All construction, purchases and finishes to be done as per BoQ description, and to Architect's and S.E.'S Approval

Revisions		
Date	Description	Remarks

Project:
PROPOSED RACKING SYSTEM AT NYERI MWEIGA YARD

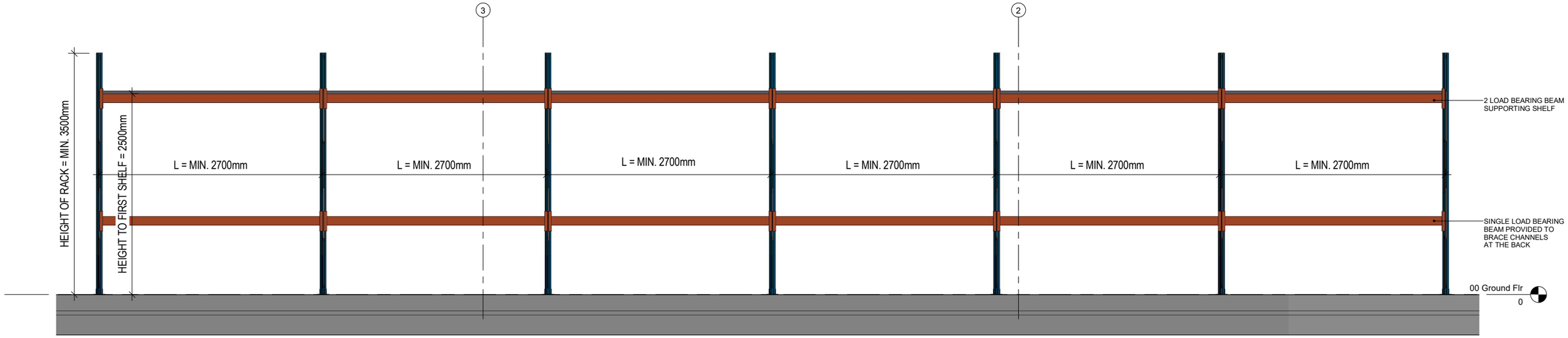
Client:
RURAL ELECTRIFICATION & RENEWABLE ENERGY CORPORATION, REREC
P.O. BOX 34585 - 00100, NAIROBI

Drawing Title:
RACKING SYSTEM FLOOR PLAN LAYOUT

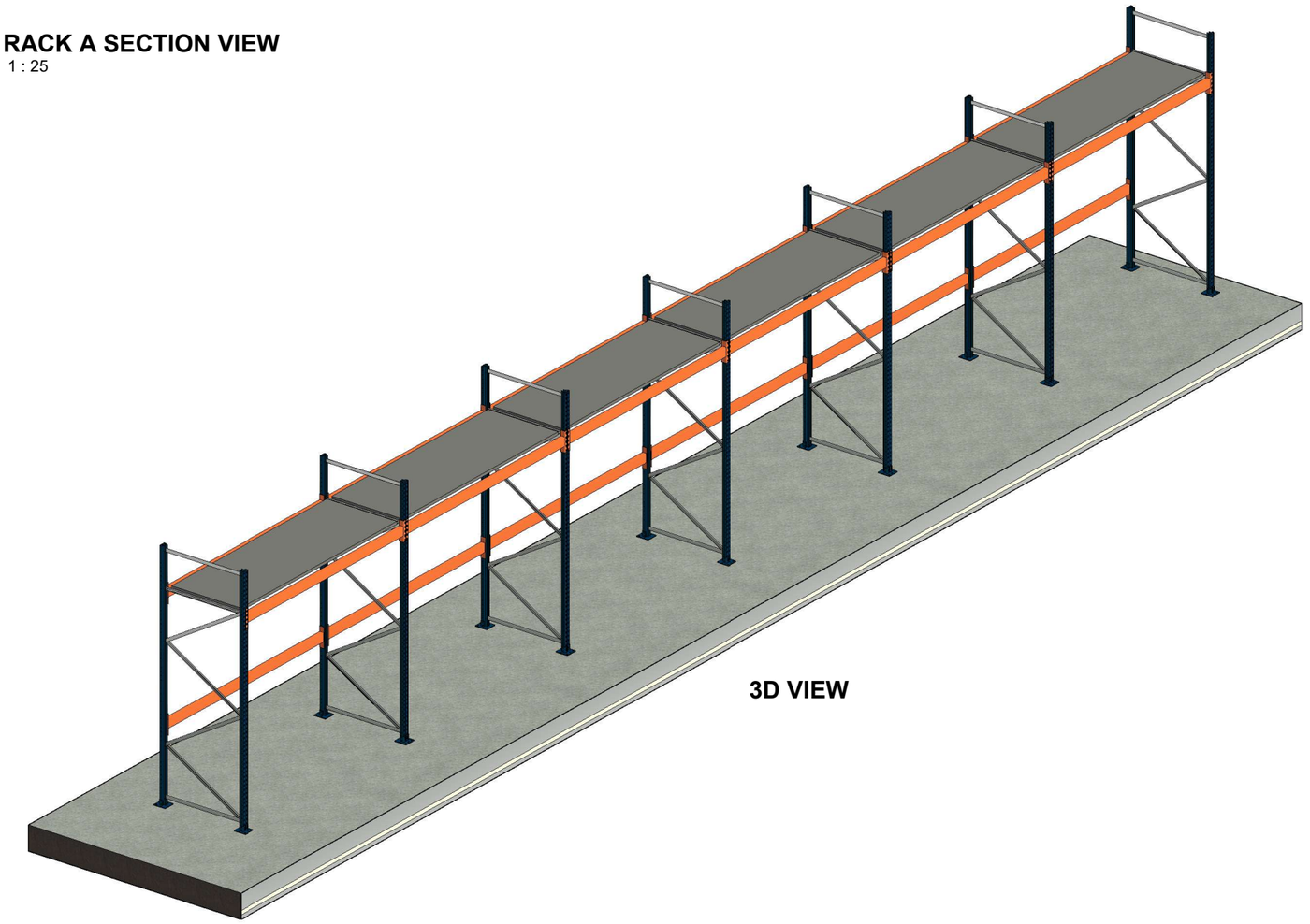
Designed by: Cindy Naisula
Drawn by: Cindy Naisula
Checked by: Eng. Okova Wangaki
Approved by: Eng. Okova Wangaki
Date: 04th March, 2024

NYERI MWEIGA YARD
S-01

Scale:
1 : 50



RACK A SECTION VIEW
1 : 25



3D VIEW

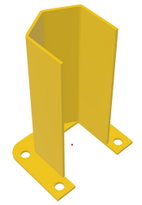
NOTE:

LOAD BEARING BEAMS TO BE 150 X 50 X 2650M CAPABLE OF SUPPORTING 2.5 TONNES

POST GUARD TO BE FIXED ON INDIVIDUAL FRAMES TO PROTECT THEM FROM BEING KNOCKED BY FOLK LIFTS.

GUARD RAILS/ BARRIERS AT END OF RACKING AISLE TO PROTECT AGAINST IMPACT FROM LOADING / OFF LOADING VEHICLES

FRAMING IS MADE OF 2 100X50X2.5MM C - CHANNELS WITH BRACINGS FOR SUPPORT



POST GUARD
1 : 60

NOTES:
1. Platform trolley assumed to be H = 0.82M, L= 0.735M and W= 0.475M
   Forklift assumed to be 3T Counterbalance truck with H = 2M, Lift Height = 4M, W = 1.2M and L = 3M
2. Pallet Rack Steel Shelving assumed to be H = 3.7M, L= 2.68M and W= 1.0668M
   Bottom shelf is 1500mm of the ground and Height of 1000mm provided in between shelves.
3. The Rack will be painted REREC colour of Orange, Green and White. Barriers to be painted orange.
4. Dimensions to be read and not scaled
5. All construction, purchases and finishes to be done as per BoQ description, and to Architect's and S.E.'S Approval

	Revisions	
Date	Description	Remarks

Project: PROPOSED RACKING SYSTEM AT NYERI MWEIGA YARD

Client: RURAL ELECTRIFICATION & RENEWABLE ENERGY CORPORATION, REREC
P.O. BOX 34585 - 00100, NAIROBI

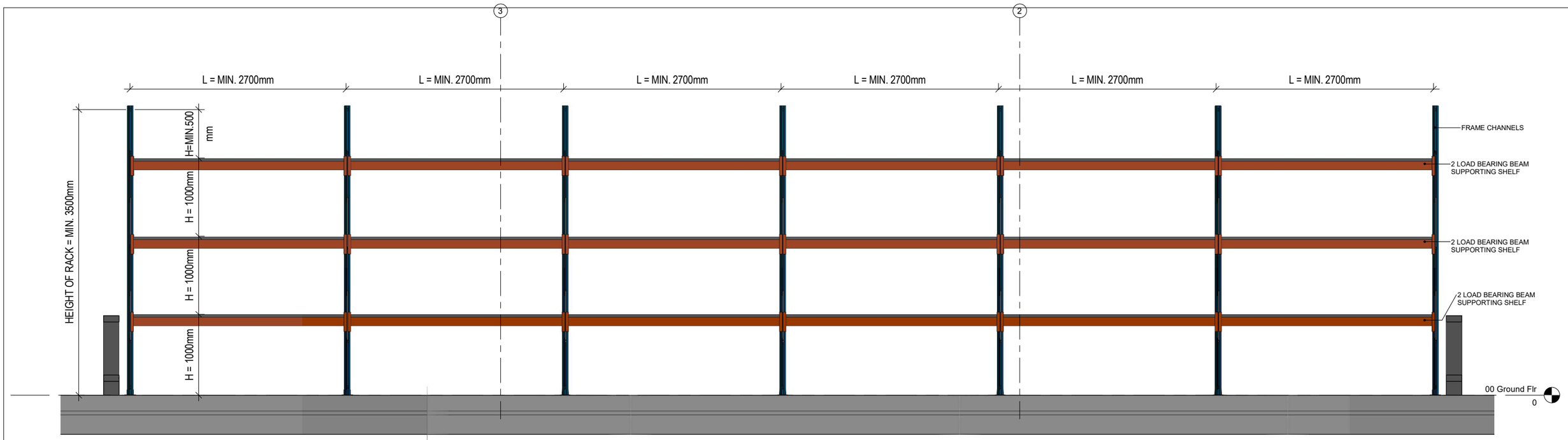
Designed by: Cindy Naisula
Drawn by: Cindy Naisula
Checked by: Eng. Okova Wangaki
Approved by: Eng. Okova Wangaki
Date: 04th March, 2024

Scale: As indicated

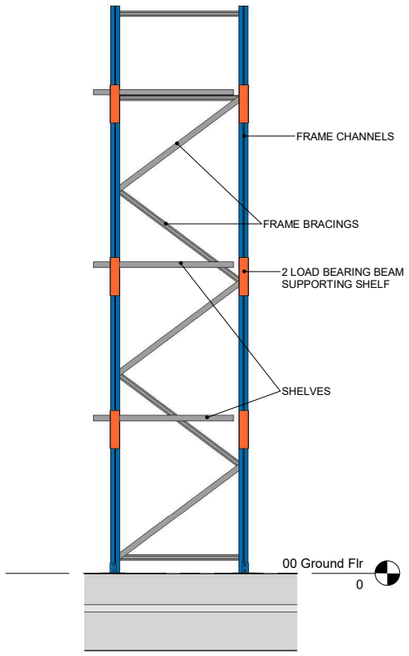
Drawing Title: RACK A DETAIL

NYERI MWEIGA YARD

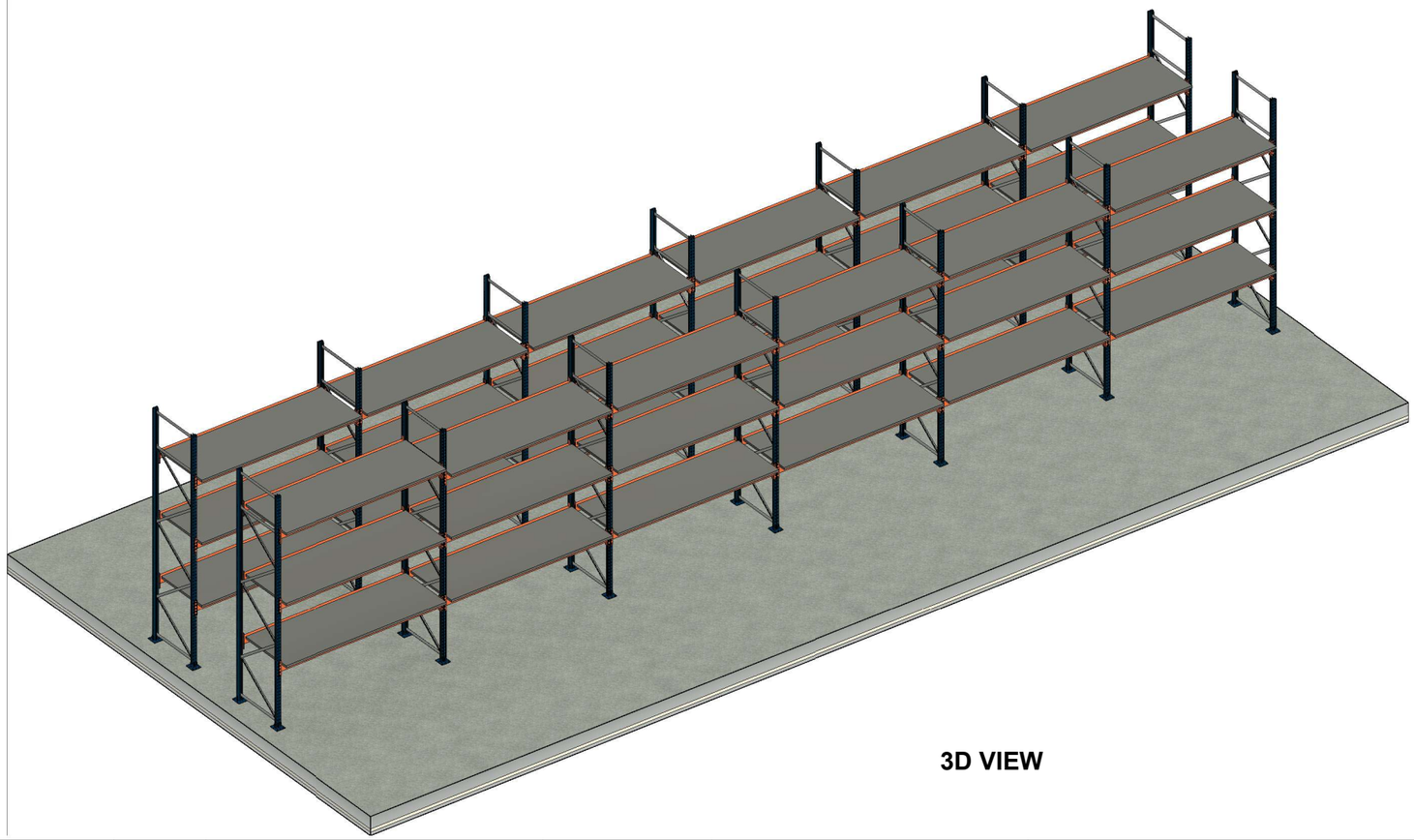
S-02



RACK B SECTION VIEW
1 : 25



RACK B SECTION VIEW -1
1 : 20



3D VIEW

NOTE:
RACK B AND RACK C
SHARE SIMILAR DETAILS

NOTES:
1. Platform trolley assumed to be H = 0.82M, L= 0.735M and W= 0.475M
   Forklift assumed to be 3T Counterbalance truck with H = 2M, Lift Height = 4M, W = 1.2M and L = 3M
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4. Dimensions to be read and not scaled
5. All construction, purchases and finishes to be done as per BoQ description, and to Architect's and S.E.'S Approval

	Revisions	
Date	Description	Remarks

Project:
PROPOSED RACKING SYSTEM AT NYERI MWEIGA YARD

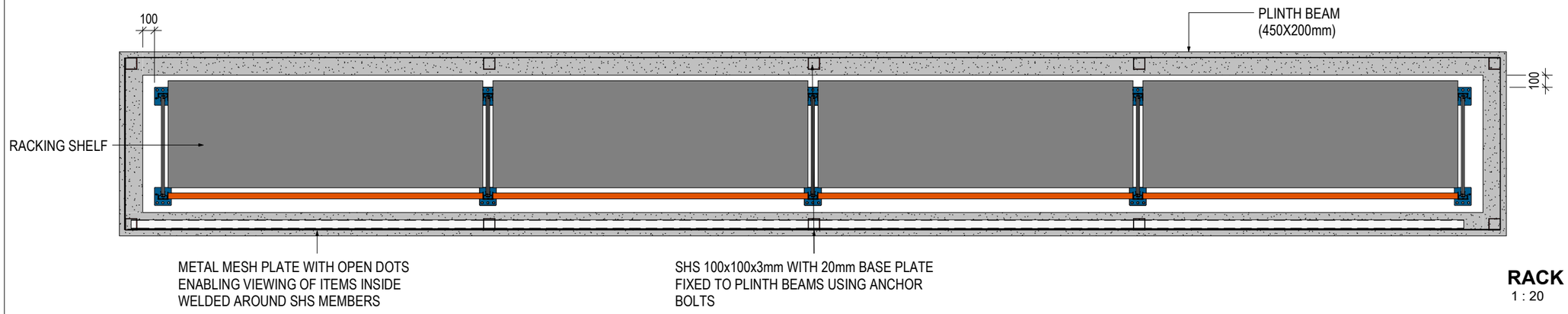
Client:
RURAL ELECTRIFICATION & RENEWABLE ENERGY CORPORATION, REREC
P.O. BOX 34585 - 00100, NAIROBI

Drawing Title:
RACK B & C DETAIL

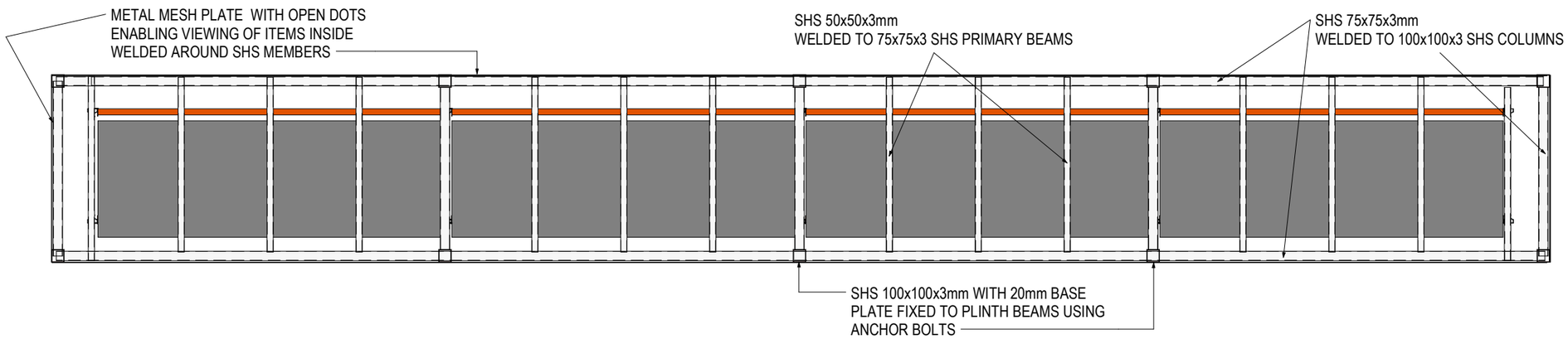
Designed by: Cindy Naisula
Drawn by: Cindy Naisula
Checked by: Eng. Okova Wangaki
Approved by: Eng. Okova Wangaki
Date: 04th March, 2024

NYERI MWEIGA YARD
S-03

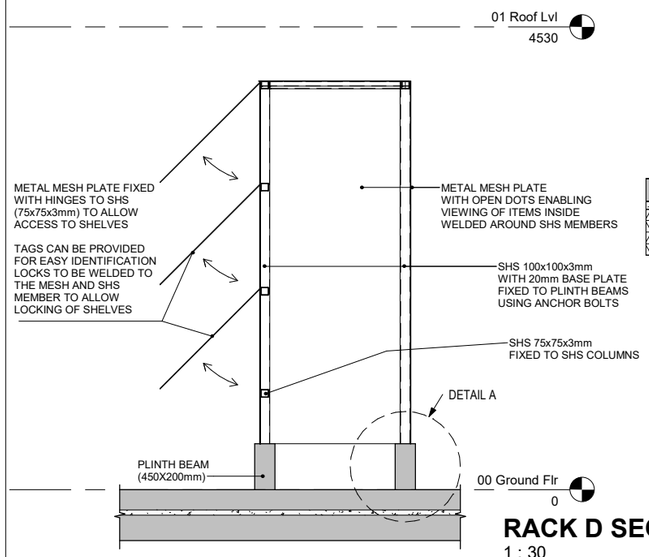
Scale:
As indicated



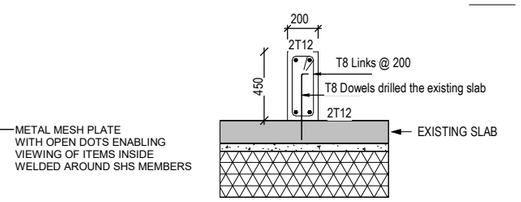
RACK D GROUND PLAN VIEW
1 : 20



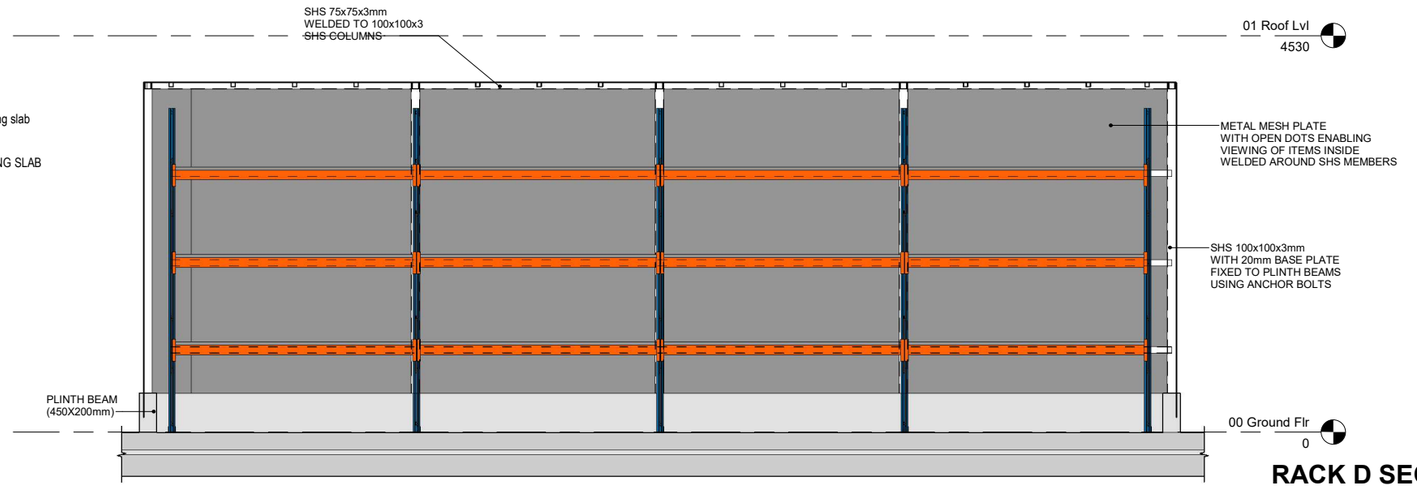
RACK D ROOF PLAN VIEW
1 : 20



RACK D SECTION VIEW 1
1 : 30



DETAIL A
1 : 20



RACK D SECTION VIEW
1 : 35

NOTES:
1. Platform trolley assumed to be H = 0.82M, L= 0.735M and W= 0.475M
   Forklift assumed to be 3T Counterbalance truck with H = 2M, Lift Height = 4M, W = 1.2M and L = 3M
2. Pallet Rack Steel Shelving assumed to be H = 3.7M, L= 2.68M and W= 1.0668M
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4. Dimensions to be read and not scaled
5. All construction, purchases and finishes to be done as per BoQ description, and to Architect's and S.E.'S Approval

	Revisions	
Date	Description	Remarks

Project:
PROPOSED RACKING SYSTEM AT NYERI MWEIGA YARD

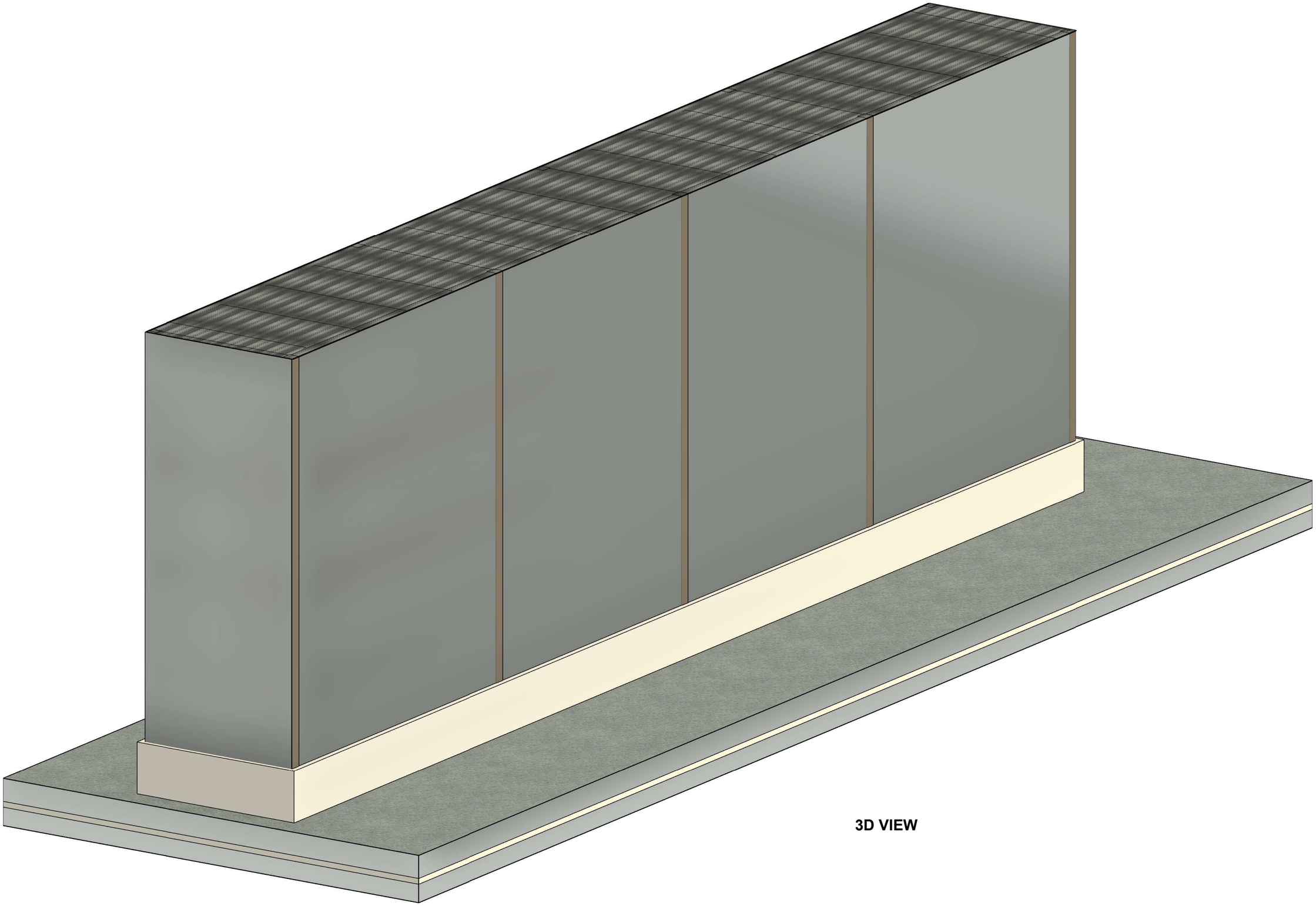
Client:
RURAL ELECTRIFICATION & RENEWABLE ENERGY CORPORATION, REREC
P.O. BOX 34585 - 00100, NAIROBI

Drawing Title:
RACK D DETAIL

Designed by: Cindy Naisula
Drawn by: Cindy Naisula
Checked by: Eng. Okova Wangaki
Approved by: Eng. Okova Wangaki
Date: 04th March, 2024

NYERI MWEIGA YARD
S-04

Scale:
As indicated



3D VIEW

NOTES:

1. Platform trolley assumed to be H = 0.82M, L= 0.735M and W= 0.475M
   Forklift assumed to be 3T Counterbalance truck with H = 2M, Lift Height = 4M, W = 1.2M and L = 3M
2. Pallet Rack Steel Shelving assumed to be H = 3.7M, L= 2.68M and W= 1.0668M
   Bottom shelf is 1500mm of the ground and Height of 1000mm provided in between shelves.
3. The Rack will be painted REREC colour of Orange, Green and White. Barriers to be painted orange.
4. Dimensions to be read and not scaled
5. All construction, purchases and finishes to be done as per BoQ description, and to Architect's and S.E.'S Approval

	Revisions	
Date	Description	Remarks

Project:
PROPOSED RACKING SYSTEM AT NYERI MWEIGA YARD

Client:
RURAL ELECTRIFICATION & RENEWABLE ENERGY CORPORATION, REREC
P.O. BOX 34585 - 00100, NAIROBI

Drawing Title:
RACK D 3D VIEW

Designed by: Cindy Naisula
Drawn by: Cindy Naisula
Checked by: Eng. Okova Wangaki
Approved by: Eng. Okova Wangaki
Date: 04th March, 2024

NYERI MWEIGA YARD
S-05

Scale:

3D VIEW

NOTES:
1. Platform trolley assumed to be H = 0.82M, L= 0.735M and W= 0.475M
   Forklift assumed to be 3T Counterbalance truck with H = 2M, Lift Height = 4M, W = 1.2M and L = 3M
2. Pallet Rack Steel Shelving assumed to be H = 3.7M, L= 2.68M and W= 1.0668M
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	Revisions	
Date	Description	Remarks

Project:
PROPOSED RACKING SYSTEM AT NYERI MWEIGA YARD

Client:
RURAL ELECTRIFICATION & RENEWABLE ENERGY CORPORATION, REREC
P.O. BOX 34585 - 00100, NAIROBI

Drawing Title:
PROPOSED 3D VIEW

Designed by: Cindy Naisula
Drawn by: Cindy Naisula
Checked by: Eng. Okova Wangaki
Approved by: Eng. Okova Wangaki
Date: 04th March, 2024

NYERI MWEIGA YARD

S-06

Scale: