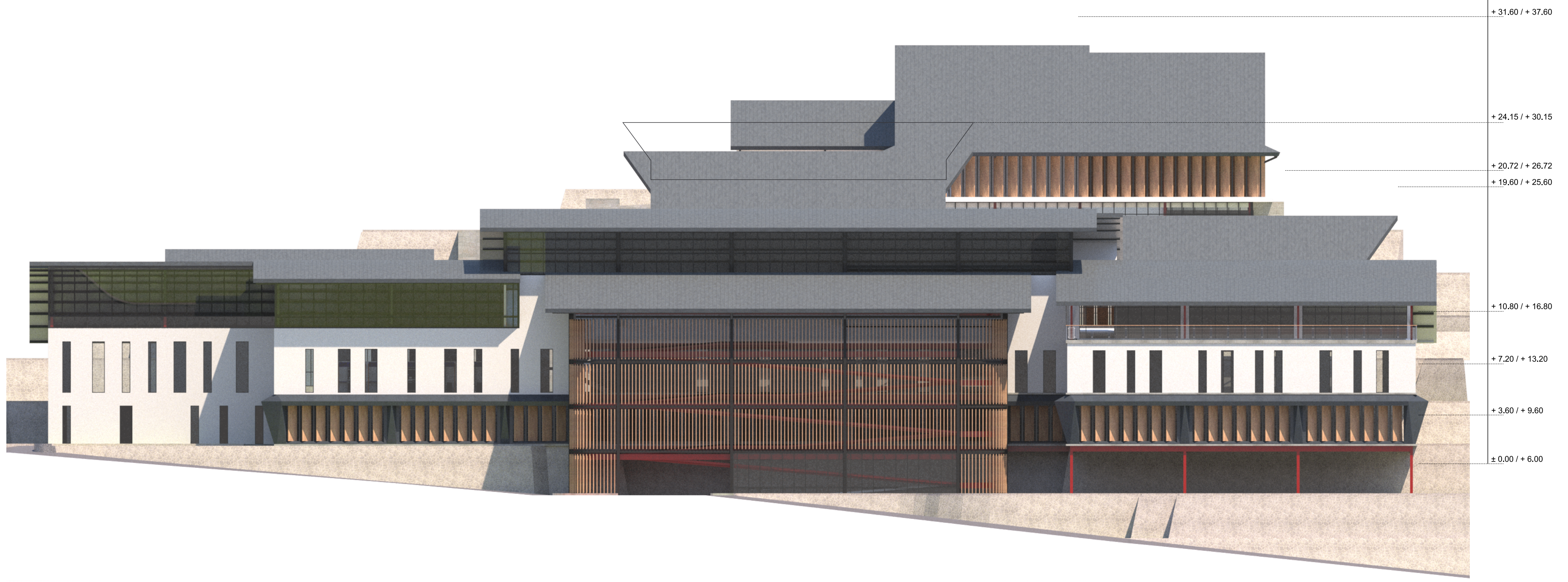
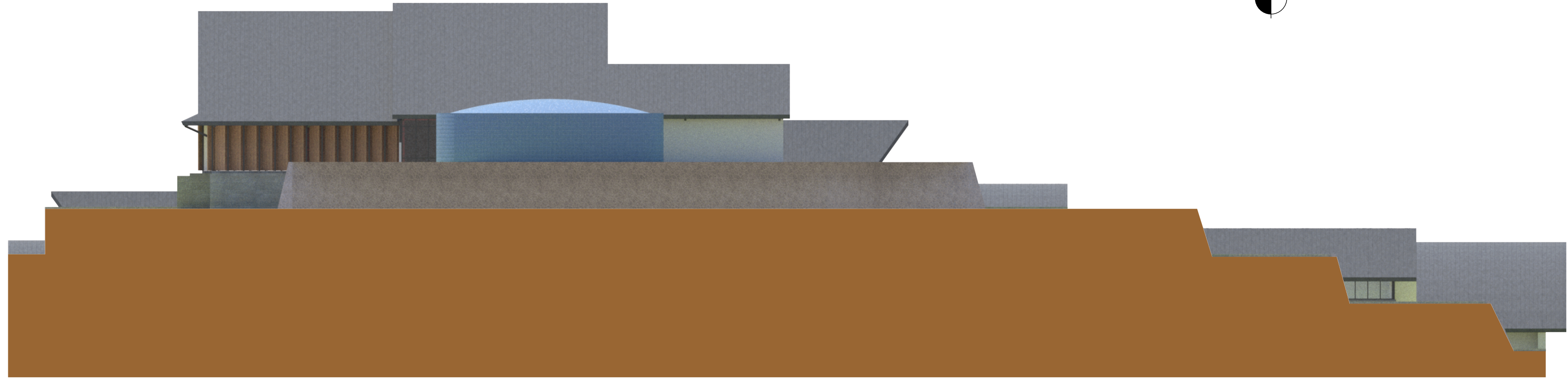


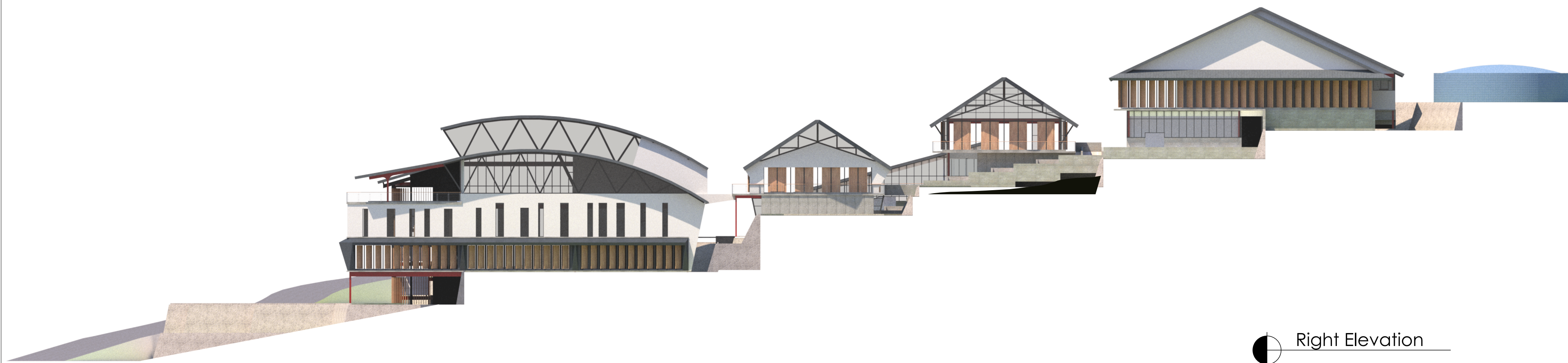
Exterior Perspective View



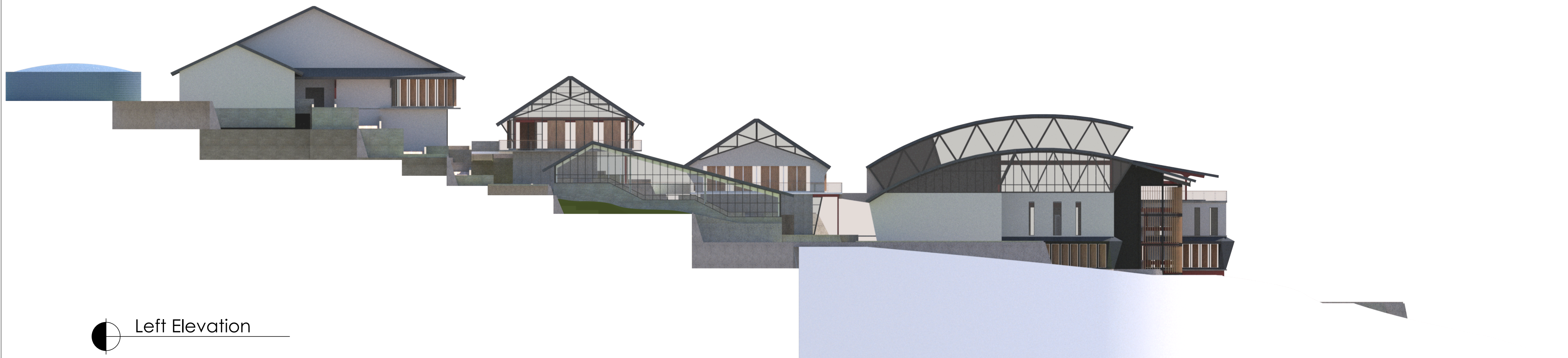
Front Elevation



Back Elevation



Right Elevation



Left Elevation



Exhibition Hall Interior View
Daily Use Situation



Exhibition Hall Interior View
Used as Evacuation Shelter



Main Hall Interior View
Daily Use Situation




Main Hall Interior View
Used as Evacuation Shelter

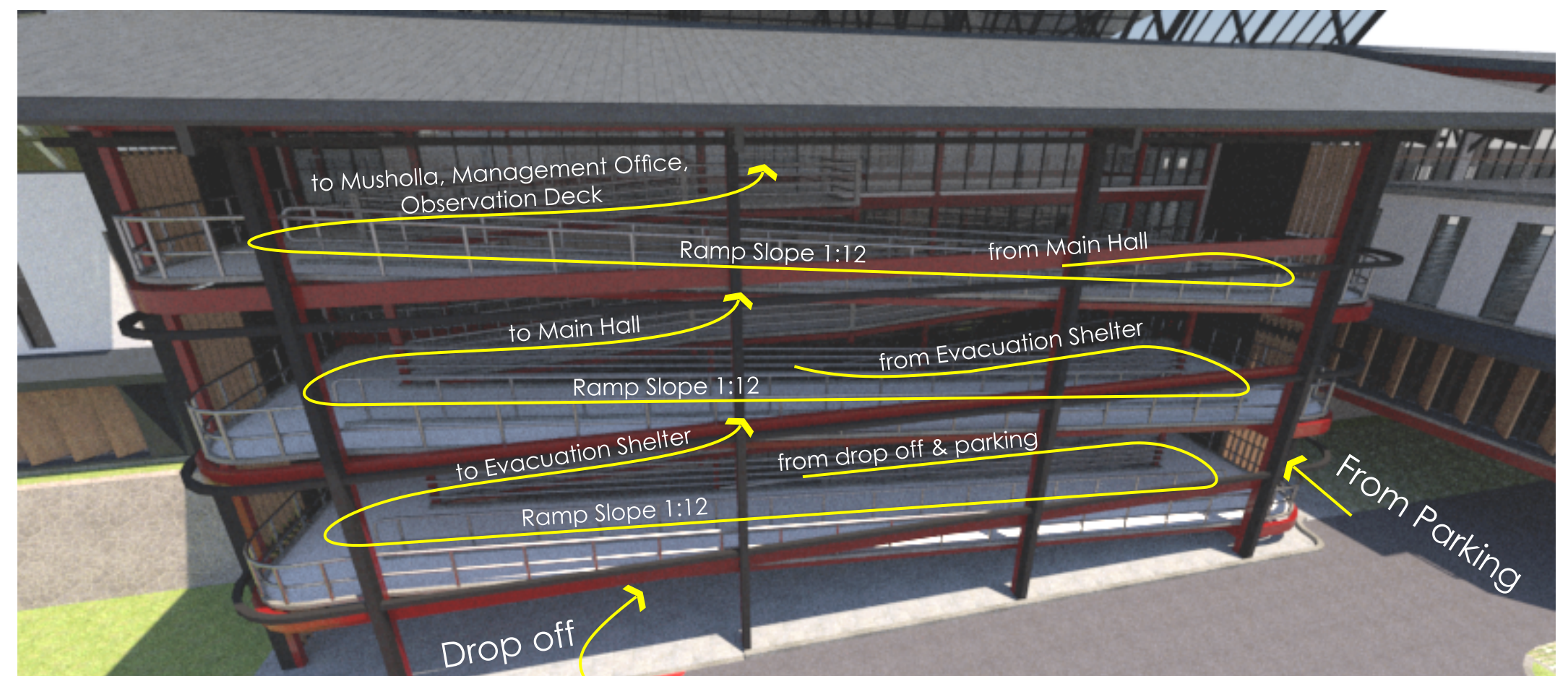
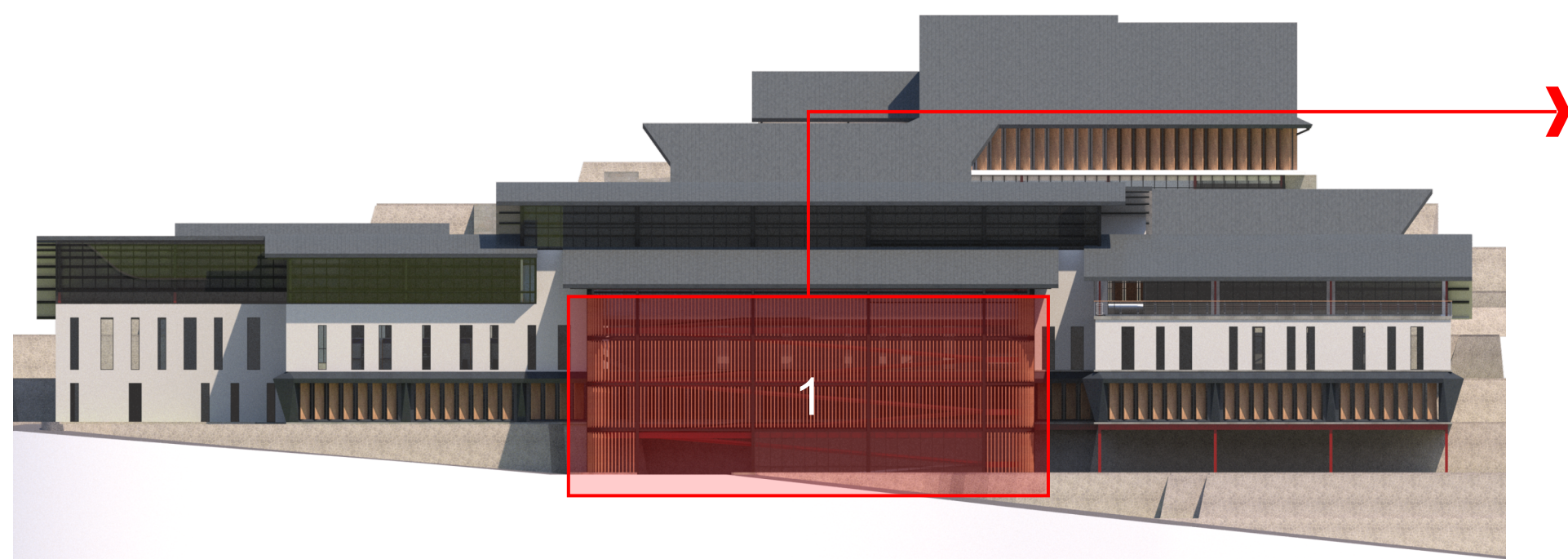
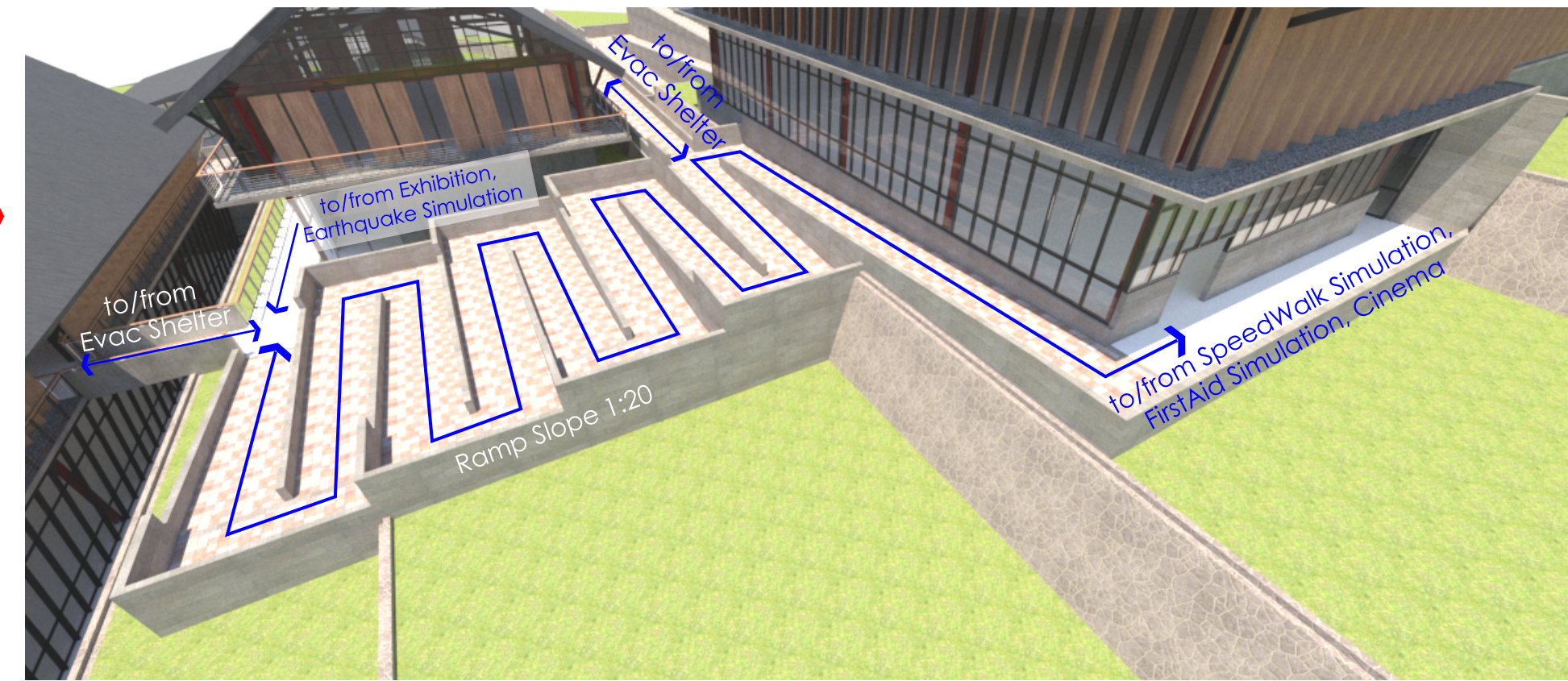
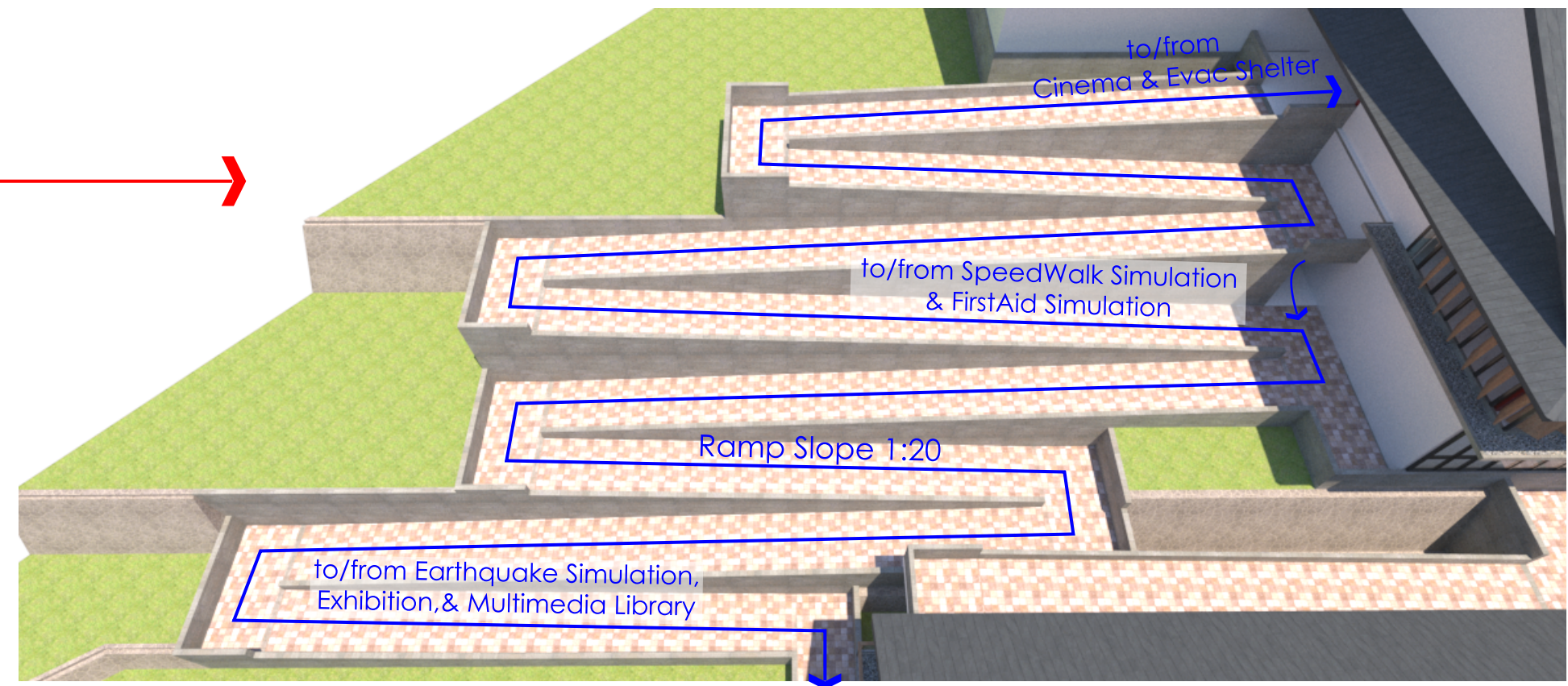
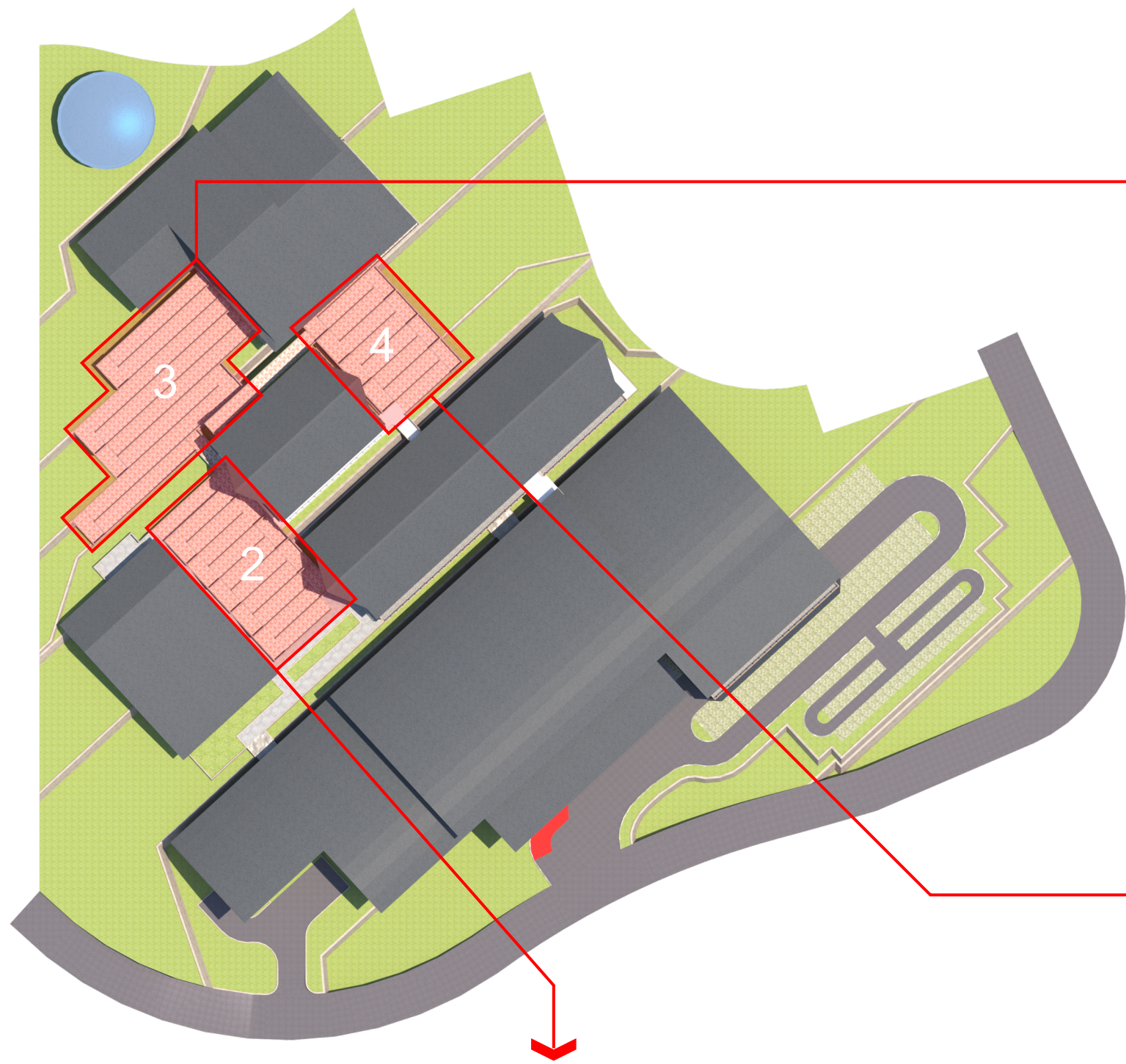


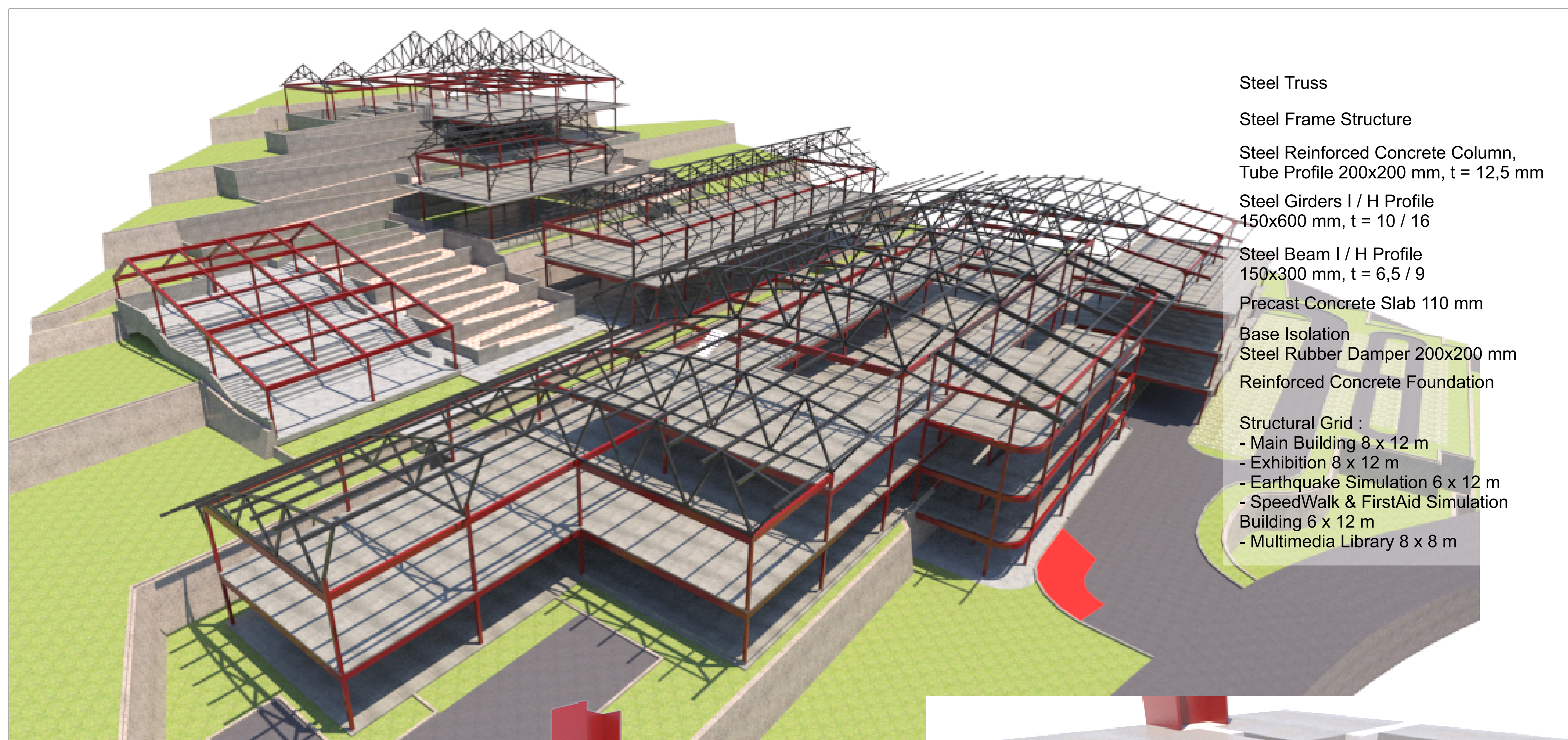
Evacuation Shelter Interior View
Daily Use Situation



Evacuation Shelter Interior View
Used as Evacuation Shelter

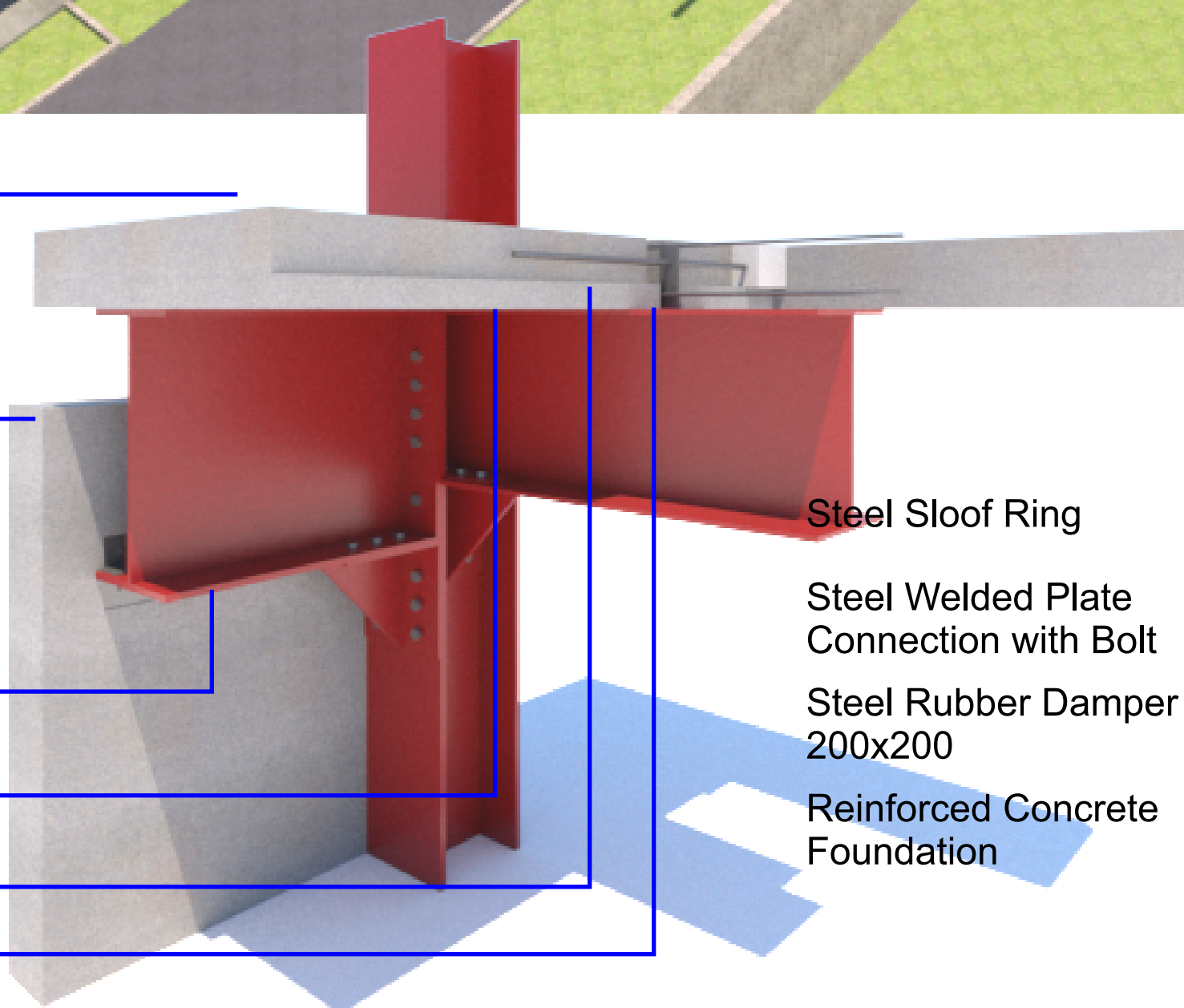
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Drawing Scale :		Interior Perspective	
Drawing Title :			
Supervisor Lecturer :		Examiner Lecturer :	
Dr. Ir. Revianto Budi Santosa, M.Arch		Dr. Yulianto P. Prihatmaji, IPM., IAI	
Student Name :		11512253	
Tubagus Wasil Alim			
Project Name :			
DISASTER RISK REDUCTION EDUCATION CENTER			
Project Location :			
Mancingan, Parangtritis, Kretek, Bantul, D.I.Y.			
Project Year : 2018 th - 2019 th			
UNDERGRADUATE FINAL PROJECT			
Islamic University of Indonesia			
Faculty of Civil Engineering & Planning			
Department of Architecture			
			



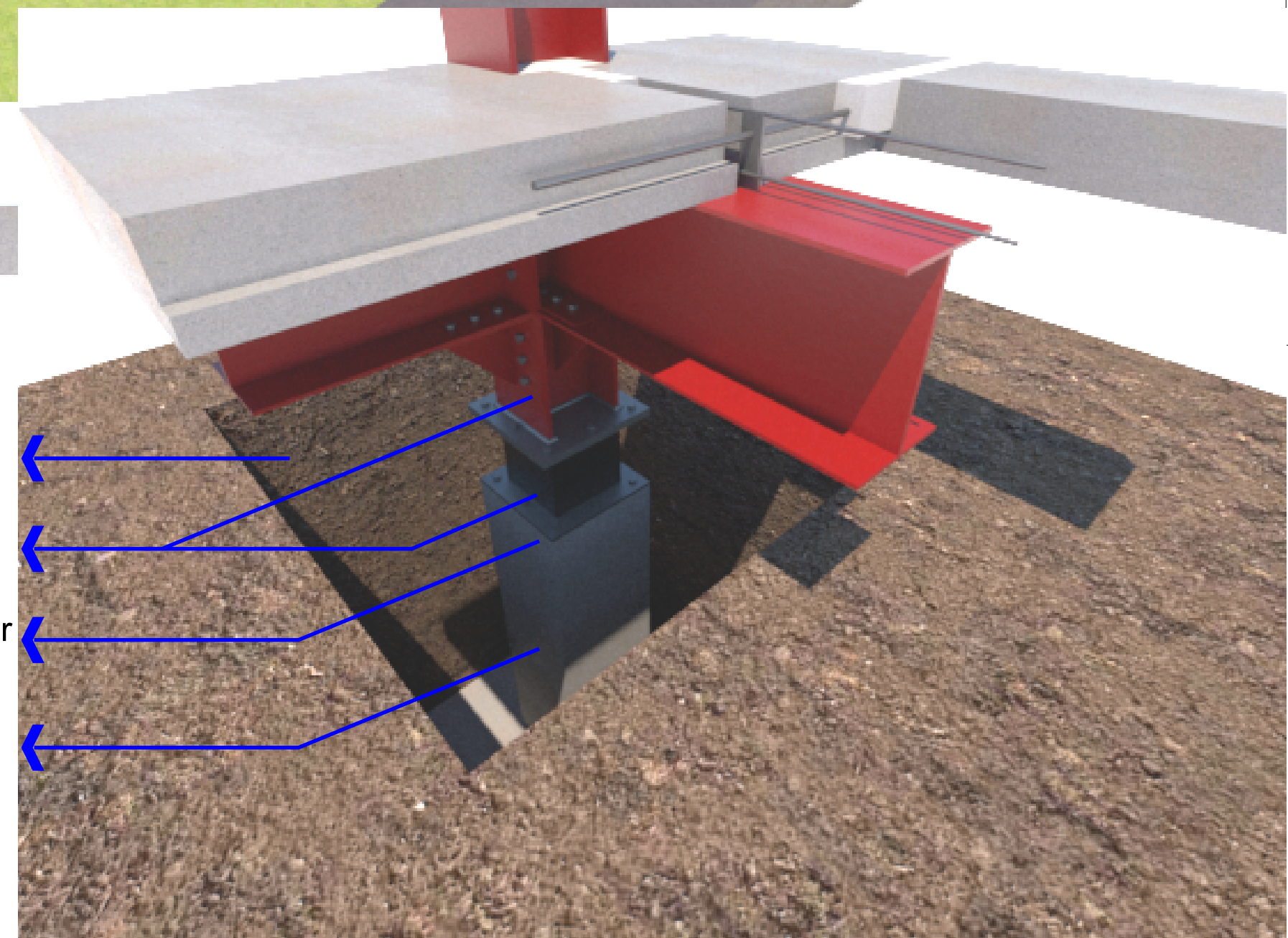


- Steel Truss
- Steel Frame Structure
- Steel Reinforced Concrete Column, Tube Profile 200x200 mm, t = 12,5 mm
- Steel Girders I / H Profile 150x600 mm, t = 10 / 16
- Steel Beam I / H Profile 150x300 mm, t = 6,5 / 9
- Precast Concrete Slab 110 mm
- Base Isolation Steel Rubber Damper 200x200 mm
- Reinforced Concrete Foundation
- Structural Grid :
 - Main Building 8 x 12 m
 - Exhibition 8 x 12 m
 - Earthquake Simulation 6 x 12 m
 - SpeedWalk & FirstAid Simulation Building 6 x 12 m
 - Multimedia Library 8 x 8 m

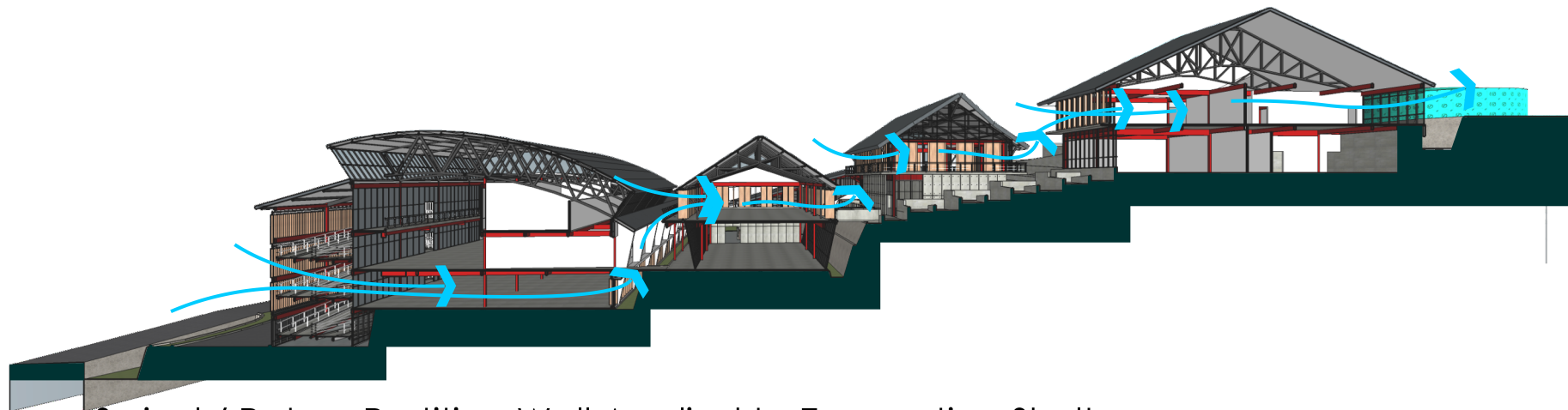
- Steel Column 200x200, t = 12.5mm
- Concrete Slab Panel t = 110
- Steel Beam t = 10mm
- Concrete Wall Panel t = 120mm
- Steel Welded Plate Anchor
- Steel Welded Plate Connection with Bolt
- Steel Welded Plate for Panel Attachment
- Grout Concrete Filled
- Steel Rebars Reinforcement



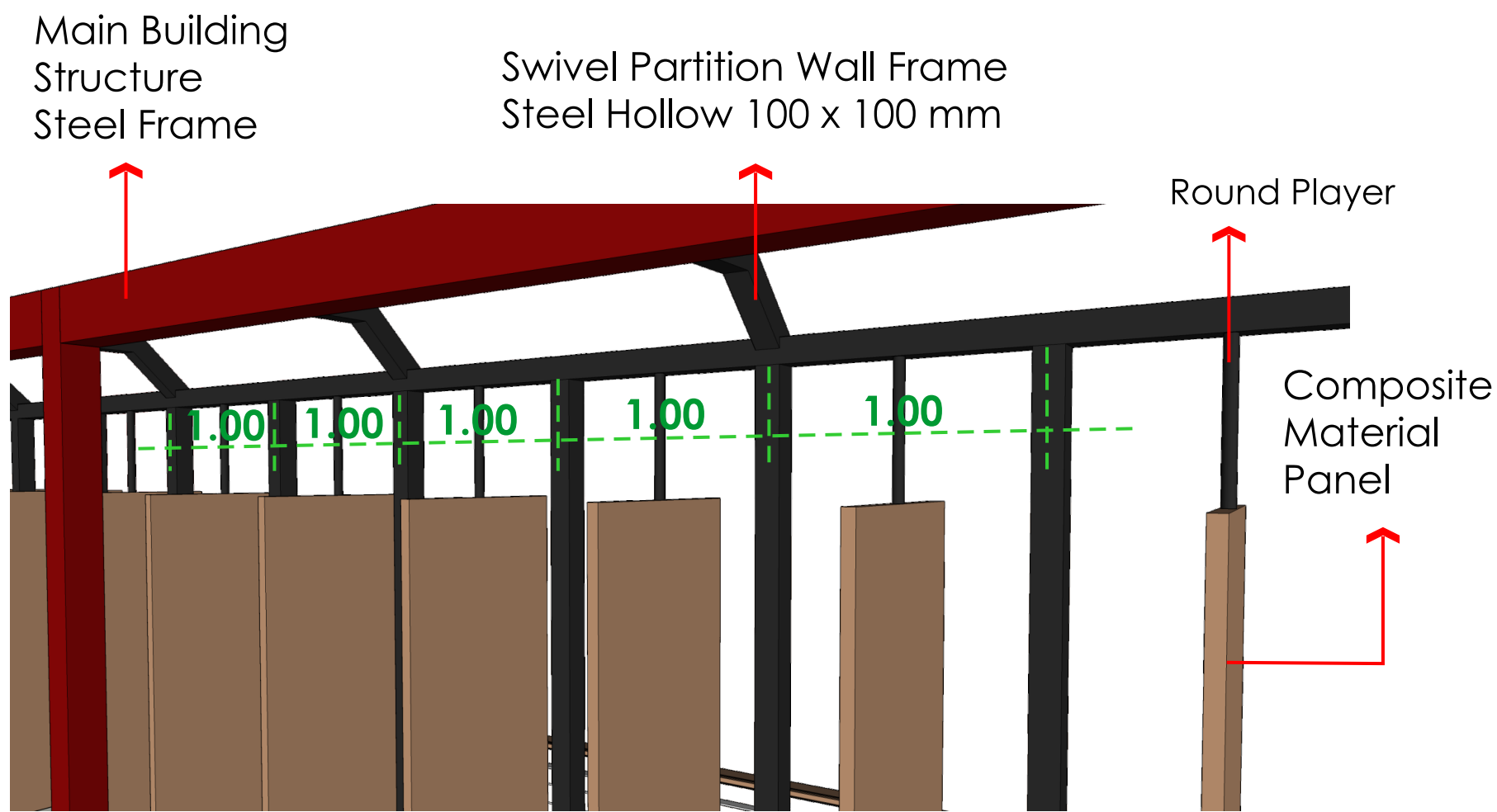
- Steel Sloof Ring
- Steel Welded Plate Connection with Bolt
- Steel Rubber Damper 200x200
- Reinforced Concrete Foundation



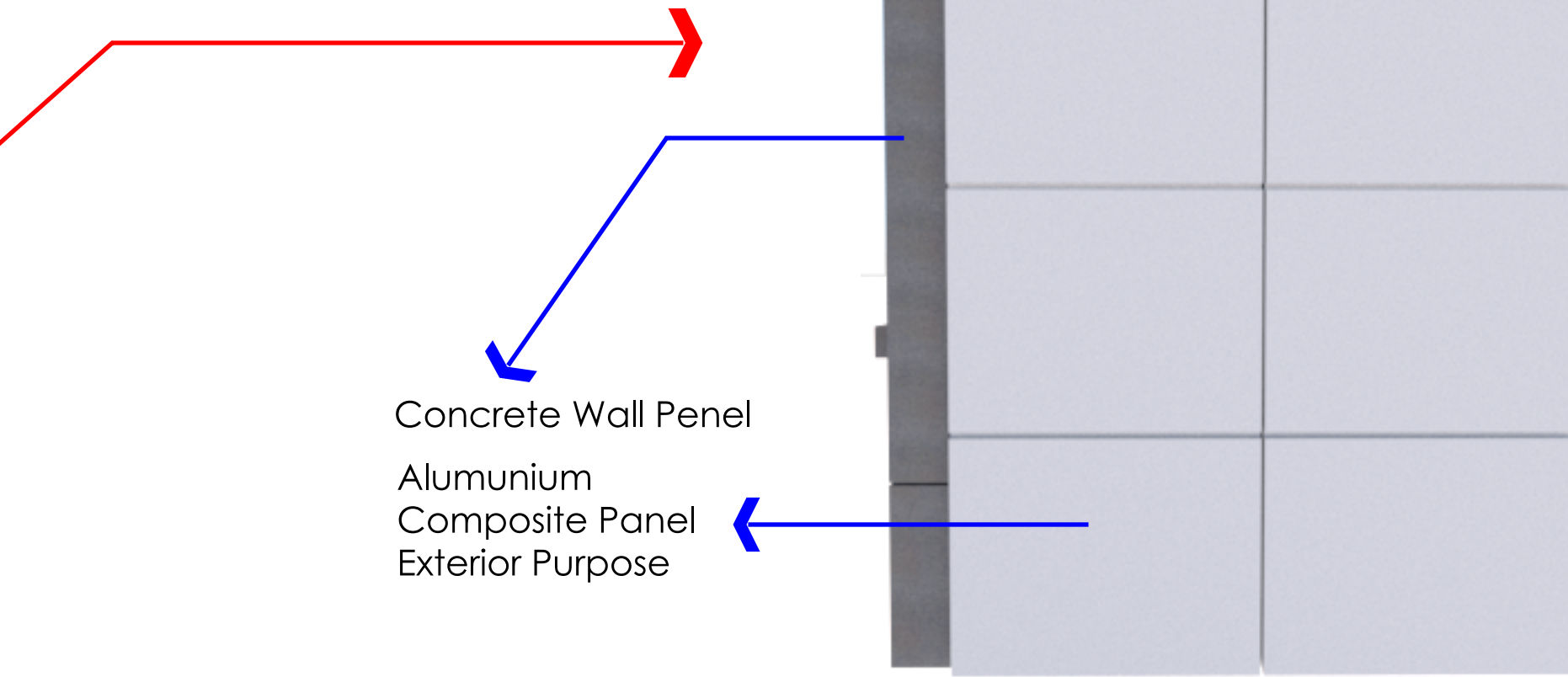
Supervisor Lecturer : Dr. Ir. Revianto Budi Santosa, M.Arch	Student Name : Tubagus Wasil Alim	Project Name : DISASTER RISK REDUCTION EDUCATION CENTER
Examiner Lecturer : Dr. Yulianto P. Prihatmaji, IPM., IA	11512253	
Drawing Page : 	Drawing Scale : 	Project Location : Mancingan, Parangtritis, Kretek, Bantul, D.I.Y.
Drawing Title : Schematic Plan Building Structure System	Total Page : 	Project Location : Mancingan, Parangtritis, Kretek, Bantul, D.I.Y.



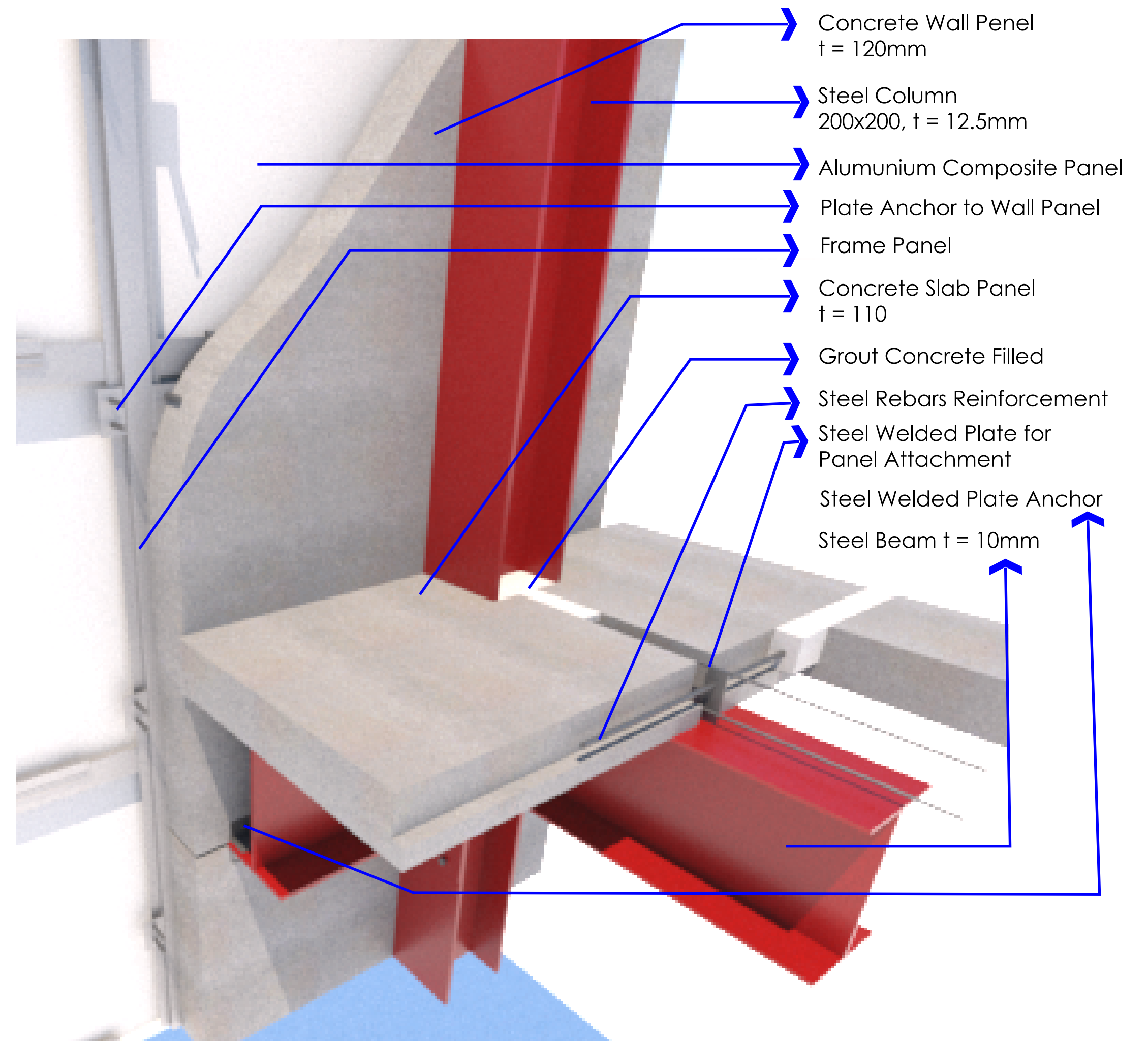
Swivel / Rotary Partition Wall Applied to Evacuation Shelter so that Air Circulation Can Run Smoothly while Evacuation Condition Where Many Refugee Users Need Fresh Air



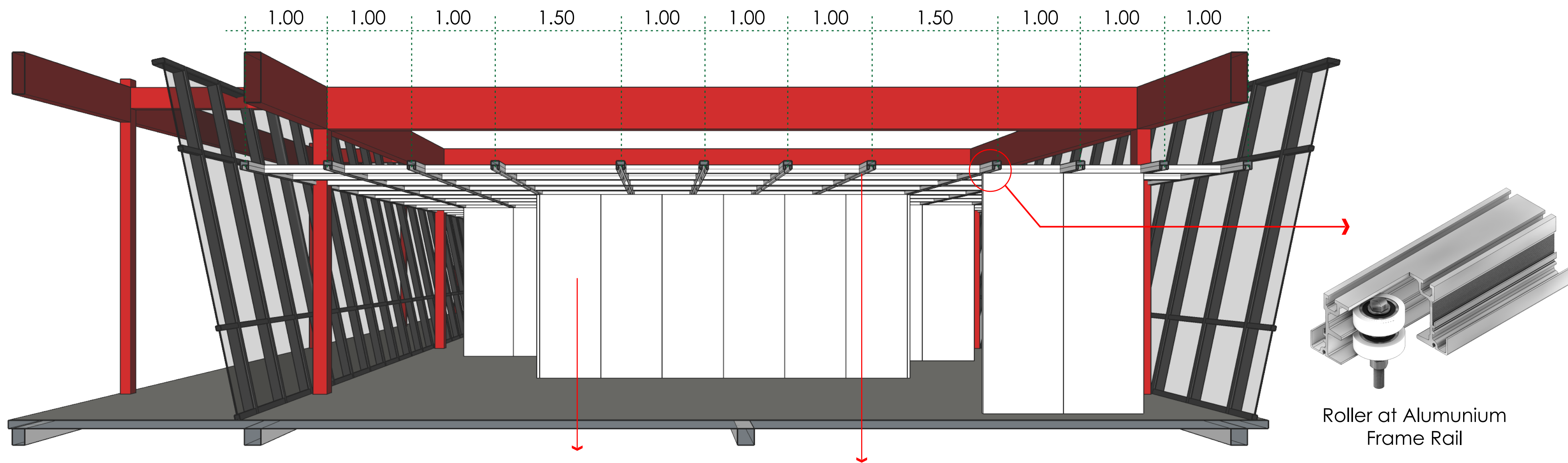
Swivel / Rotary Partition Wall Detail



Concrete Wall Panel
Alumunium Composite Panel Exterior Purpose



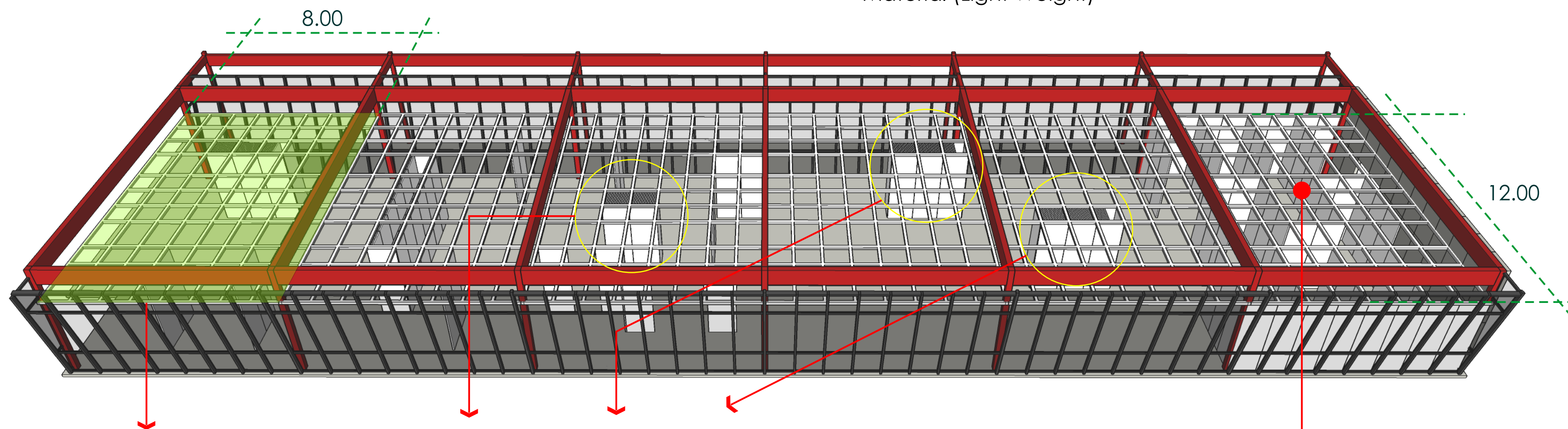
Drawing Page :		Total Page :	
Drawing Scale :		Building Envelope Architectural Detail	
Drawing Title :		Supervisor Lecturer : Dr. Ir. Revianto Budi Santosa, M.Arch	
Student Name :		Examiner Lecturer : Dr. Yulianto P. Prihatmaji, IPM., IAI	
Project Name : DISASTER RISK REDUCTION EDUCATION CENTER		Project Location : Mancingan, Parangtritis, Kretek, Bantul, D.I.Y.	
Project Name : UNDERGRADUATE FINAL PROJECT Islamic University of Indonesia Faculty of Civil Engineering & Planning Department of Architecture		Academic Year : 2018 th - 2019 th	



Movable Partition Wall
Thickness : 50 mm

Rail With Alumunium
Material (Light Weight)

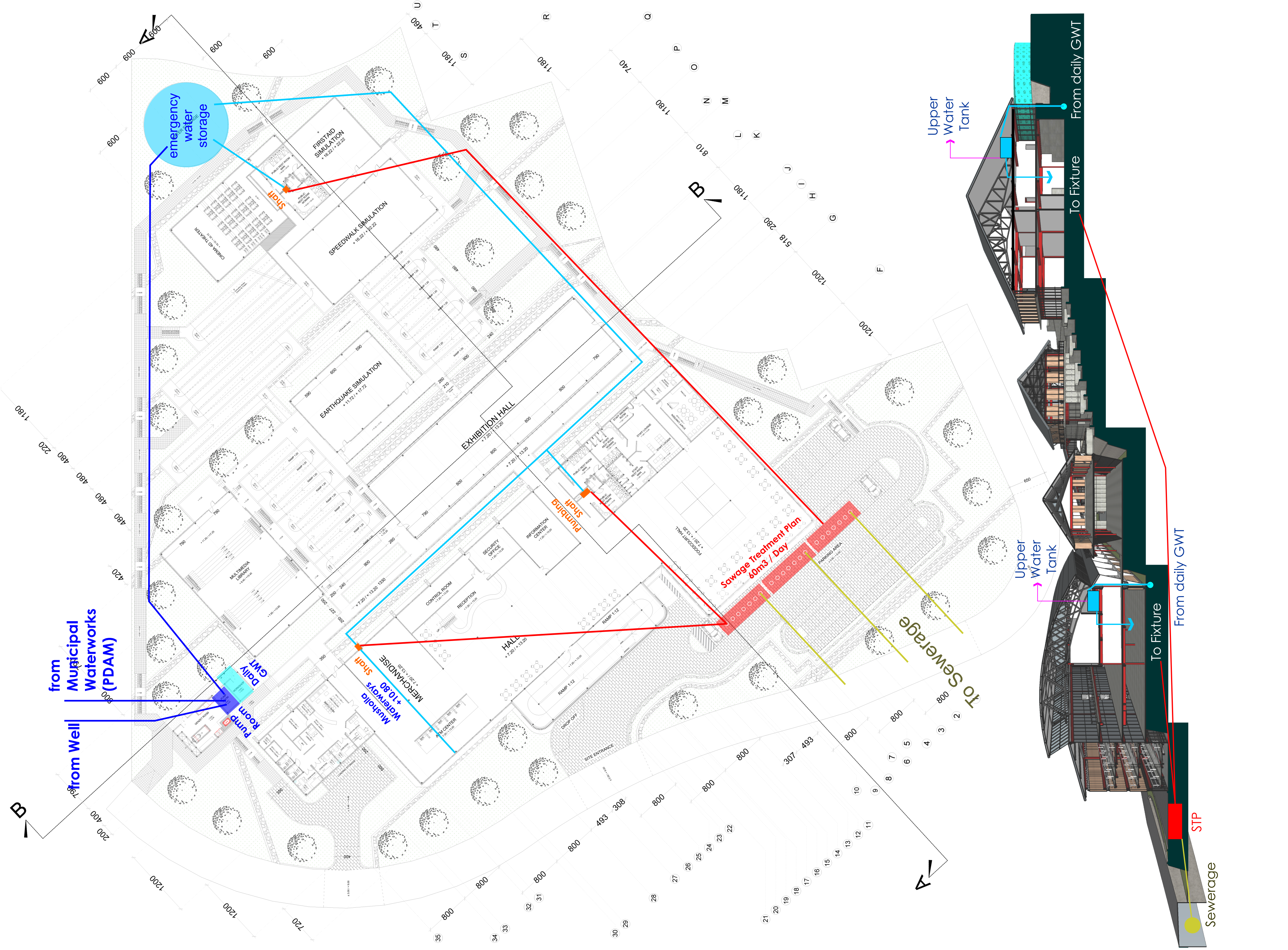
Roller at Alumunium
Frame Rail

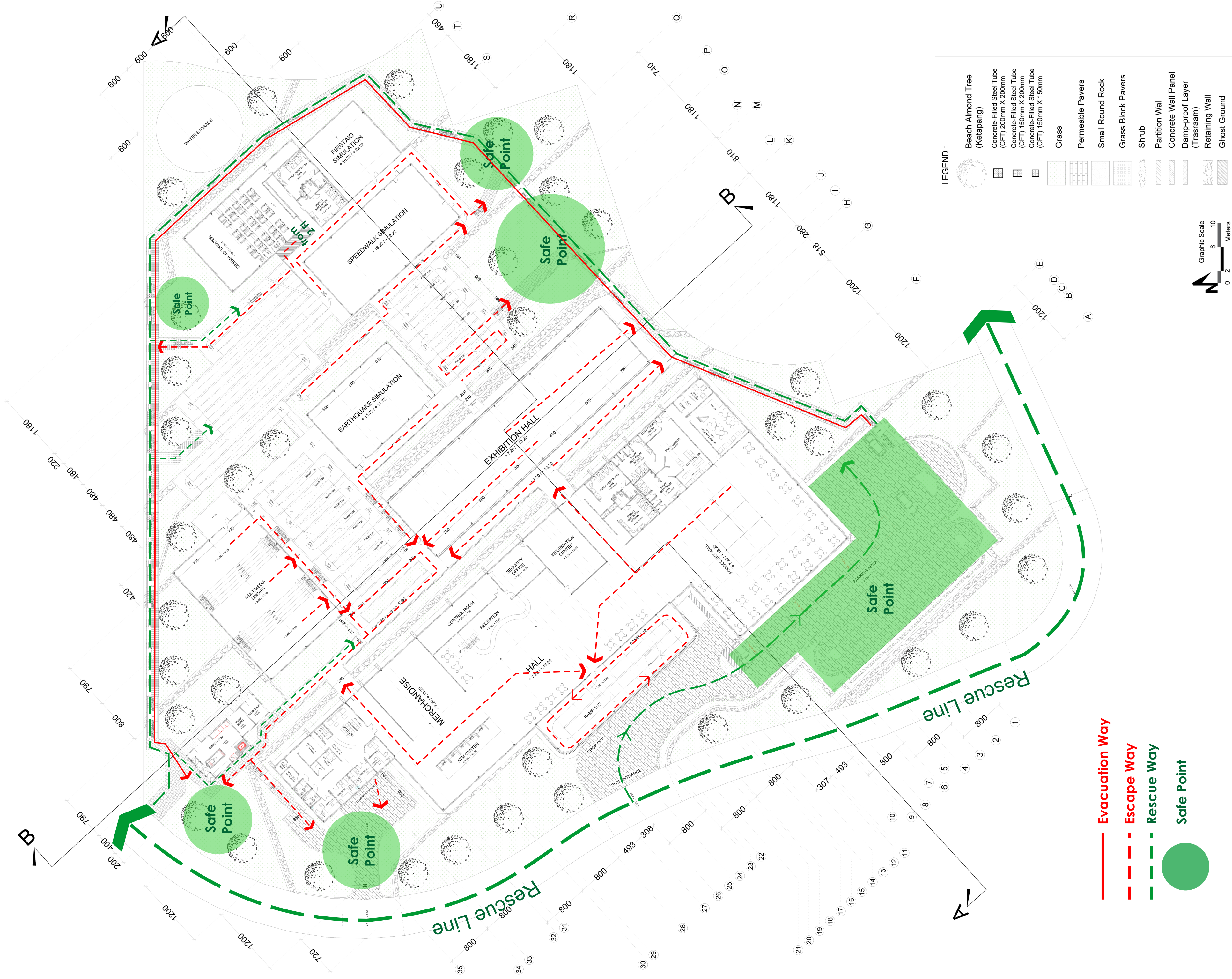


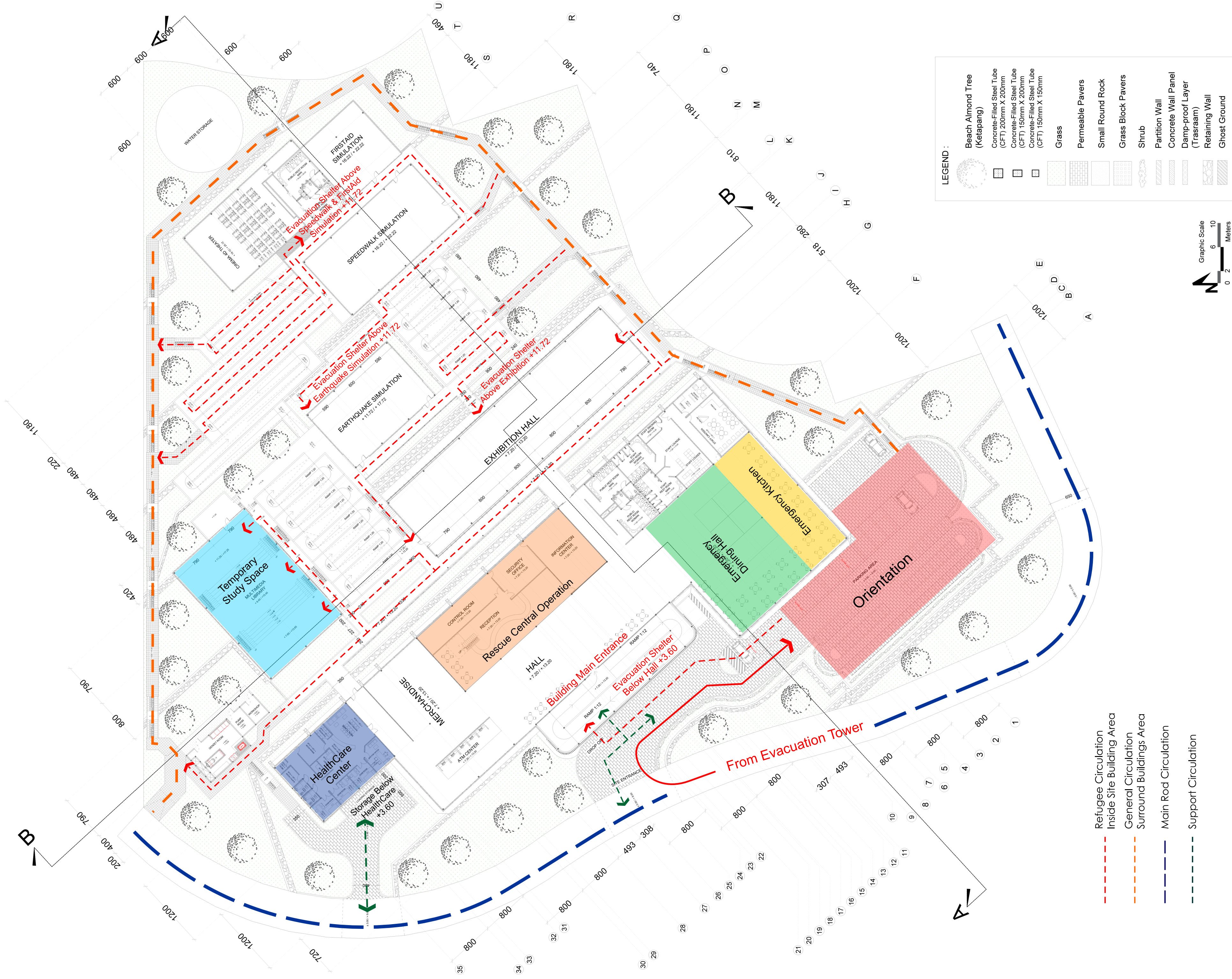
Rail Modul 8.00 x 12.00
Small Grid / 1.00 m
Movable Partition Wall
Each Modul 58

Unused Partition Wall Arranged
Into One Partition Wall Display

Movable Wall Partition
Keep Refugee's Privacy Safe
11 Slots / Modul @ 2.00 x 3.00 m

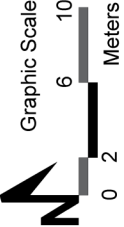






LEGEND :

	Beach Almond Tree (Ketapang)
	Concrete-Filled Steel Tube (CFT) 200mm X 200mm
	Concrete-Filled Steel Tube (CFT) 150mm X 200mm
	Concrete-Filled Steel Tube (CFT) 150mm X 150mm
	Grass
	Permeable Pavers
	Small Round Rock
	Grass Block Pavers
	Shrub
	Partition Wall
	Concrete Wall Panel
	Damp-proof Layer (Trasraam)
	Retaining Wall
	Ghost Ground



- Refugee Circulation
- Inside Site Building Area
- General Circulation
- Surround Buildings Area
- Main Rod Circulation
- Support Circulation





● Titik Awal Evakuasi (muka air laut tertinggi)
 — Jalur Evakuasi
 ● Titik Temu Evakuasi - Jl. Parangtritis
 ● Titik Temu TEA 02 - Jl. Parangtritis
 ● Usulan Menara Evakuasi

	UNDERGRADUATE FINAL PROJECT Academic Year : 2018 th - 2019 th Islamic University of Indonesia Faculty of Civil Engineering & Planning Department of Architecture	Project Name : DISASTER RISK REDUCTION EDUCATION CENTER Project Location : Mancjingan, Parangtritis, Kretek, Bantul, D.I.Y.	Supervisor Lecturer : Dr. Ir. Revianto Budi Santosa, M.Arch Examiner Lecturer : Dr. Yulianto P. Prihatmaji, IPM., IAI	Drawing Scale : Drawing Page :
	Student Name : Tubagus Wasilul Alim 11512253	Proposed Emergency Evacuation Tower Point	Total Page :	Total Page :