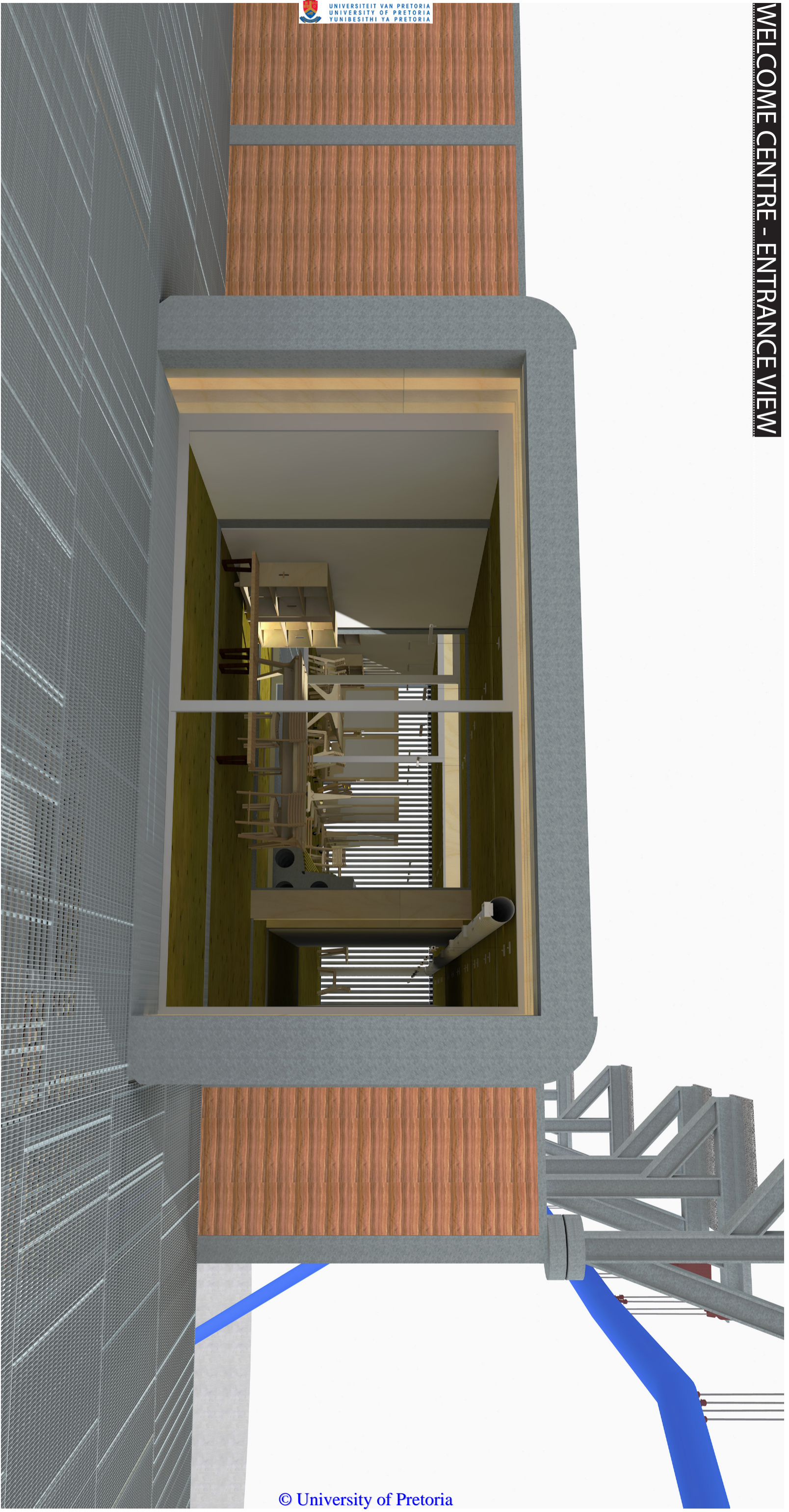




CHAPTER 06
FINAL PRESENTATION

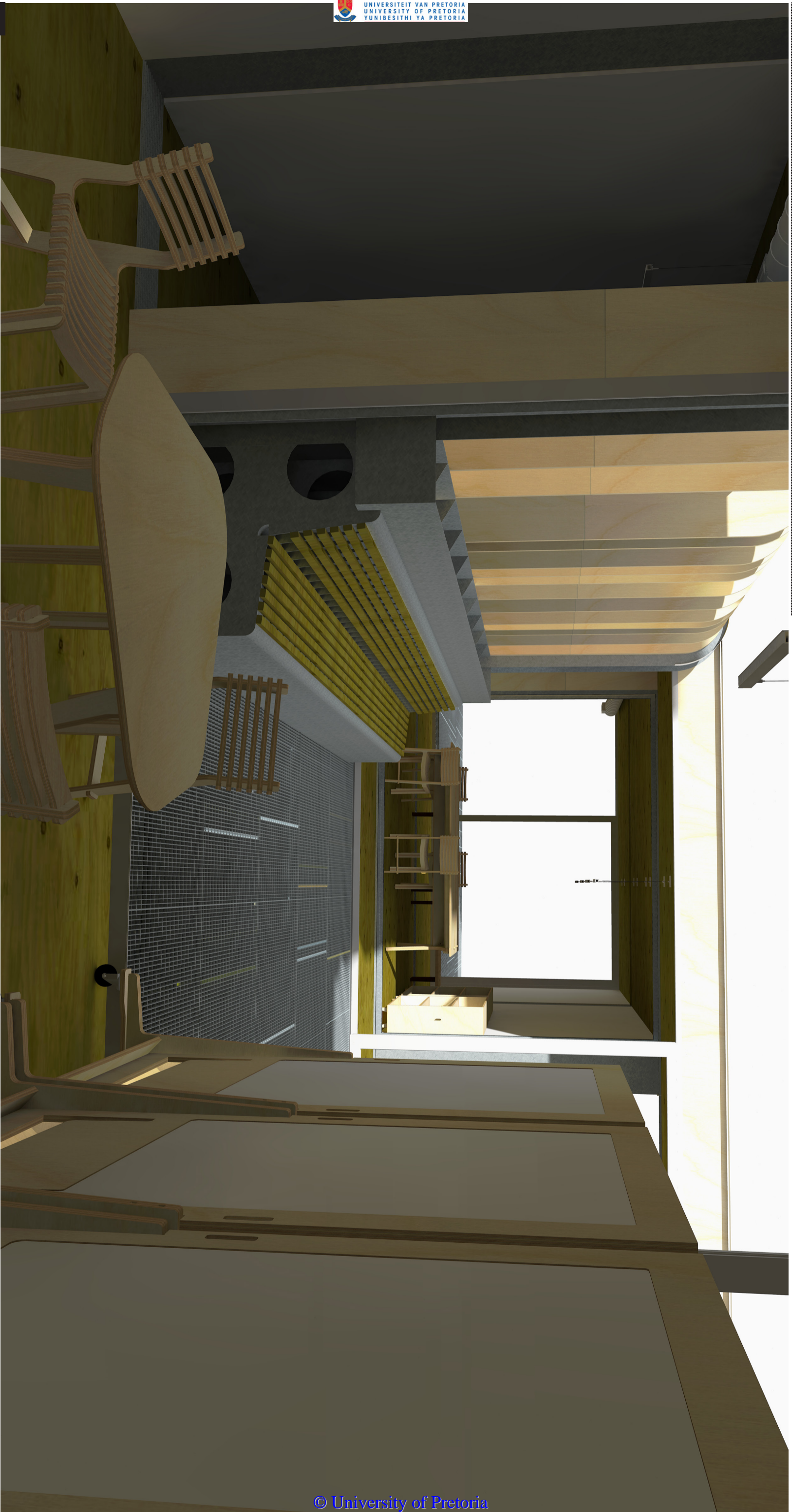


6.1// RENDERS

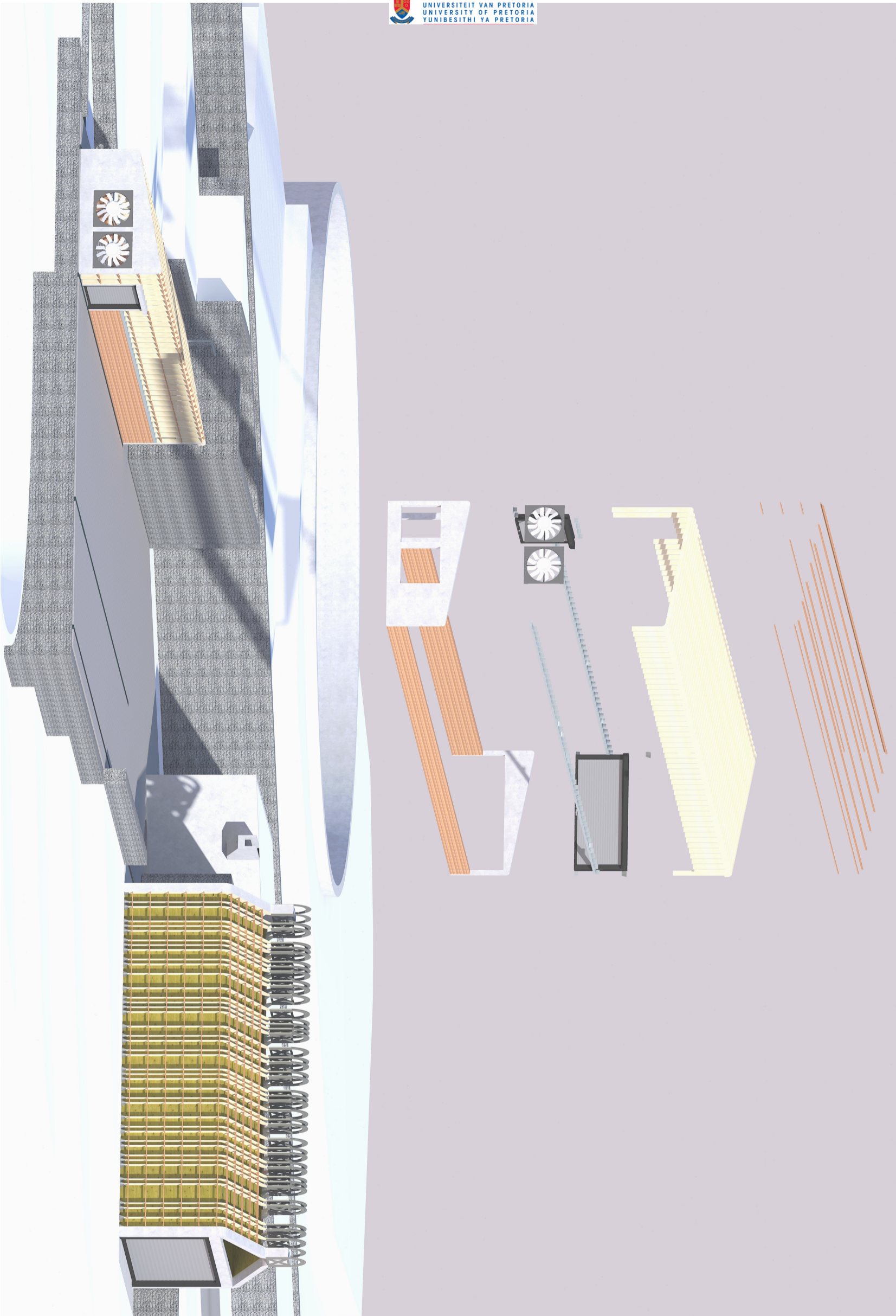


WELCOME CENTRE - MEETING ROOM - VIEW ONE

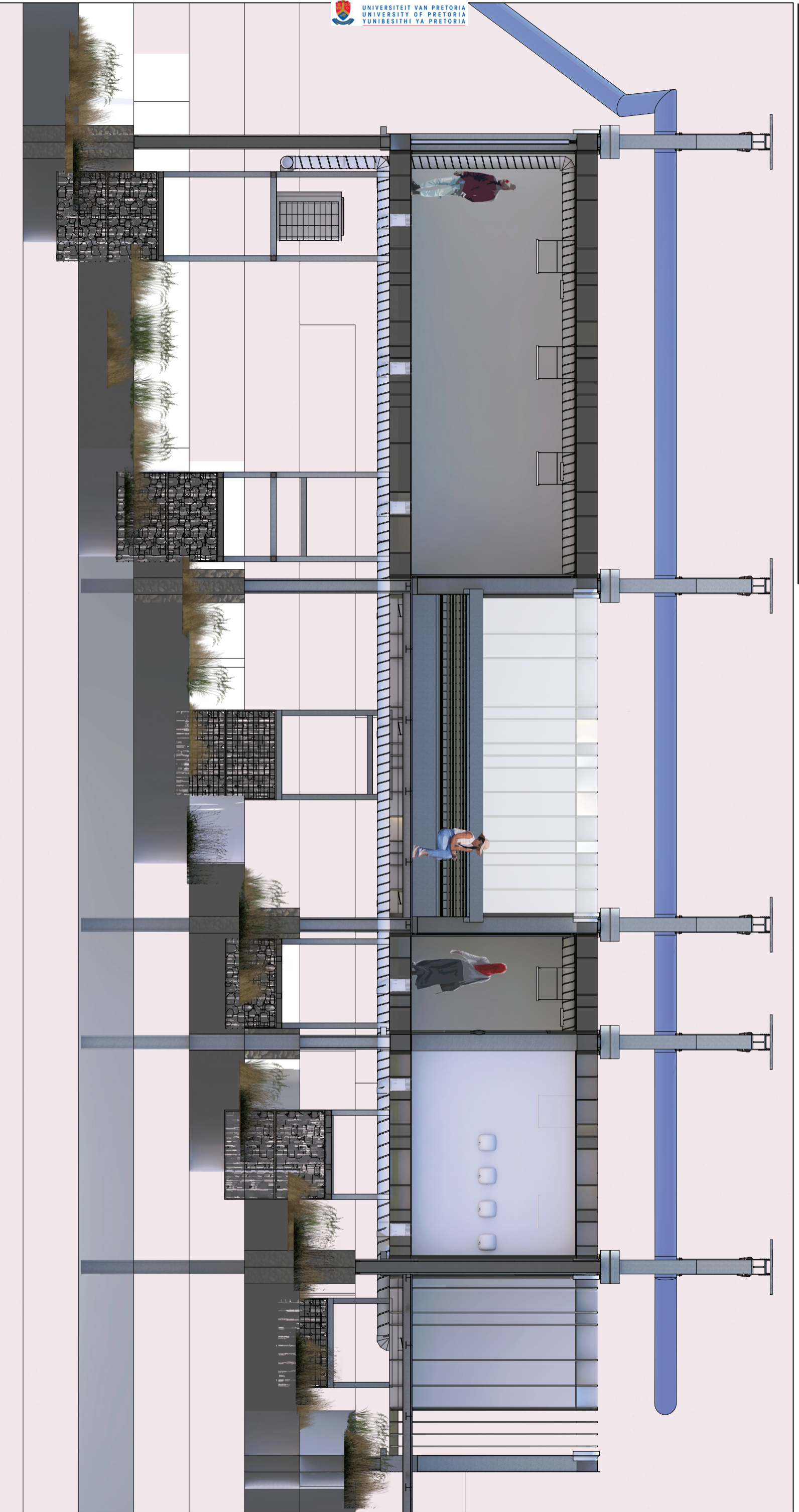




EXPLODED DIAGRAM - GREENHOUSE STRUCTURE & PUMP PLANT 1-50



SOUTHERN SECTION - WELCOME CENTRE 1-20

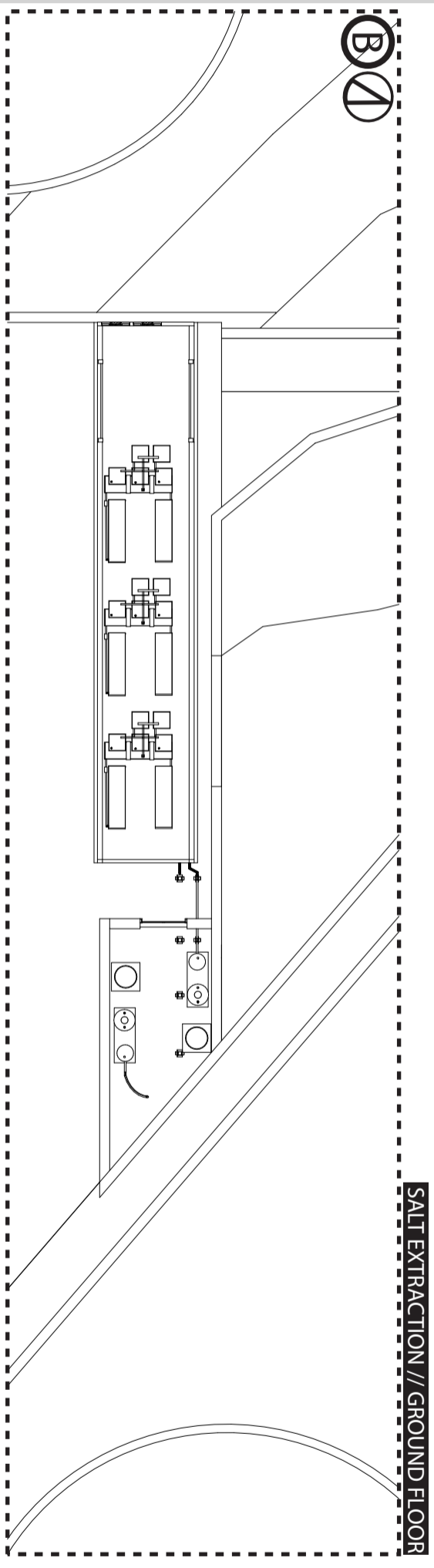
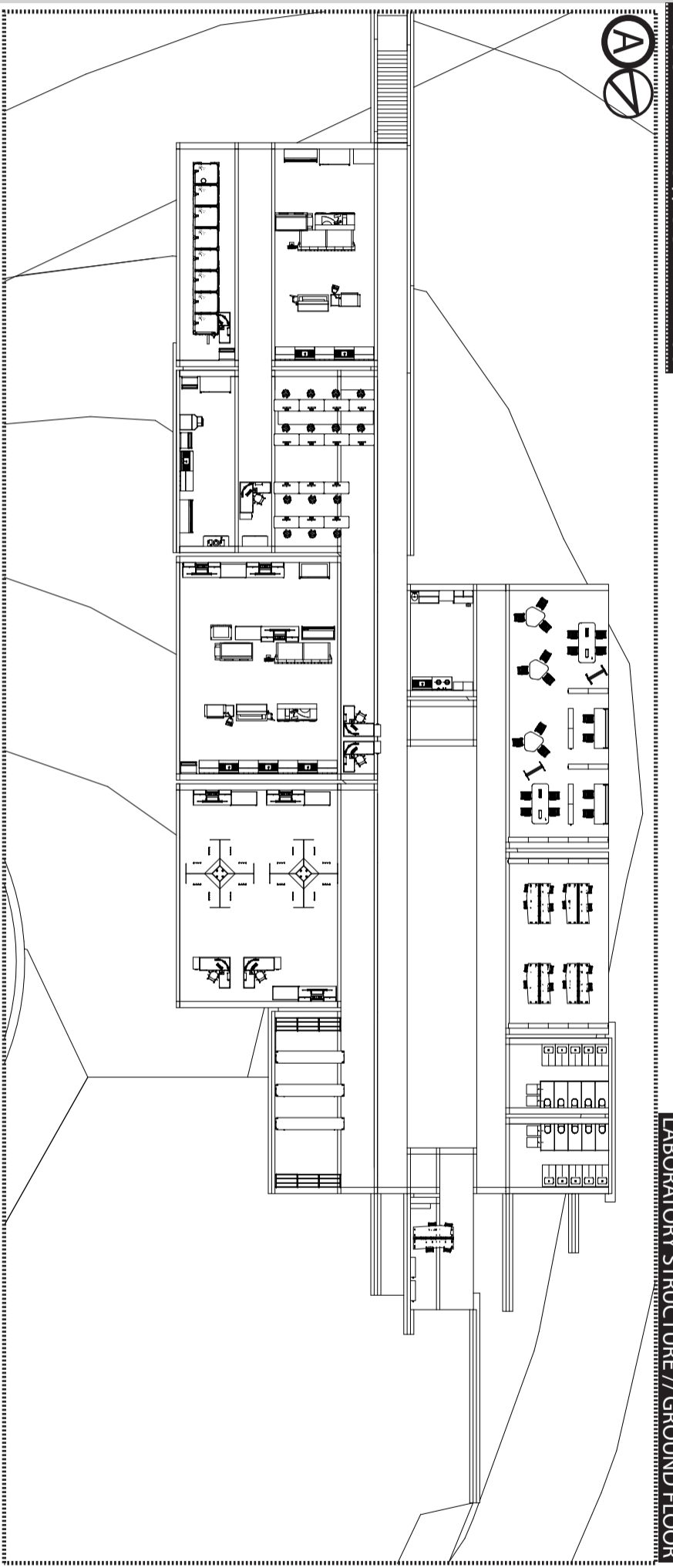




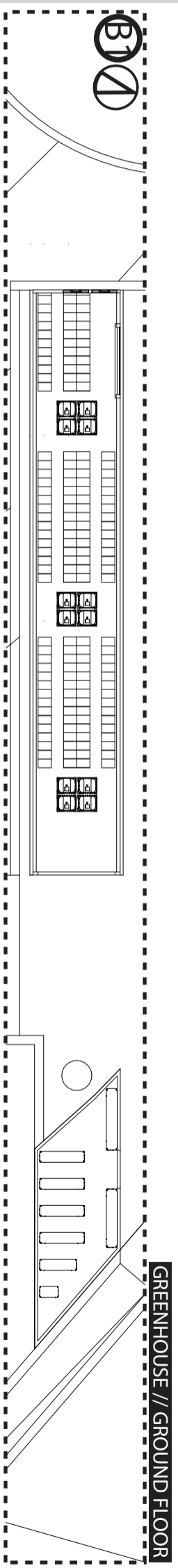
6.2// PLANS

FLOOR PLANS // SCALE 1-100

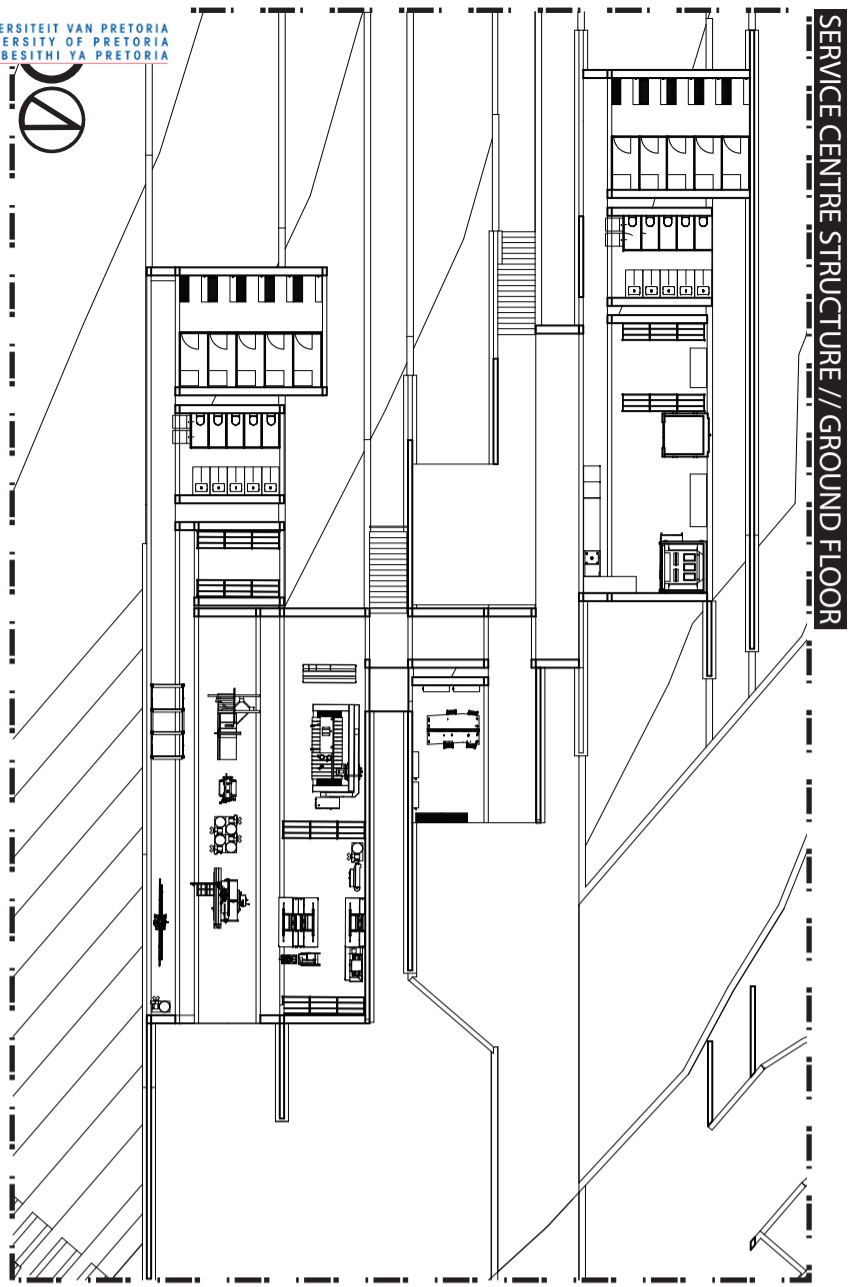
LABORATORY STRUCTURE // GROUND FLOOR



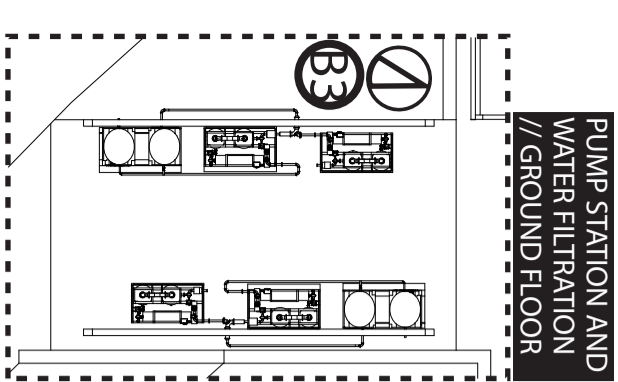
SALT EXTRACTION // GROUND FLOOR



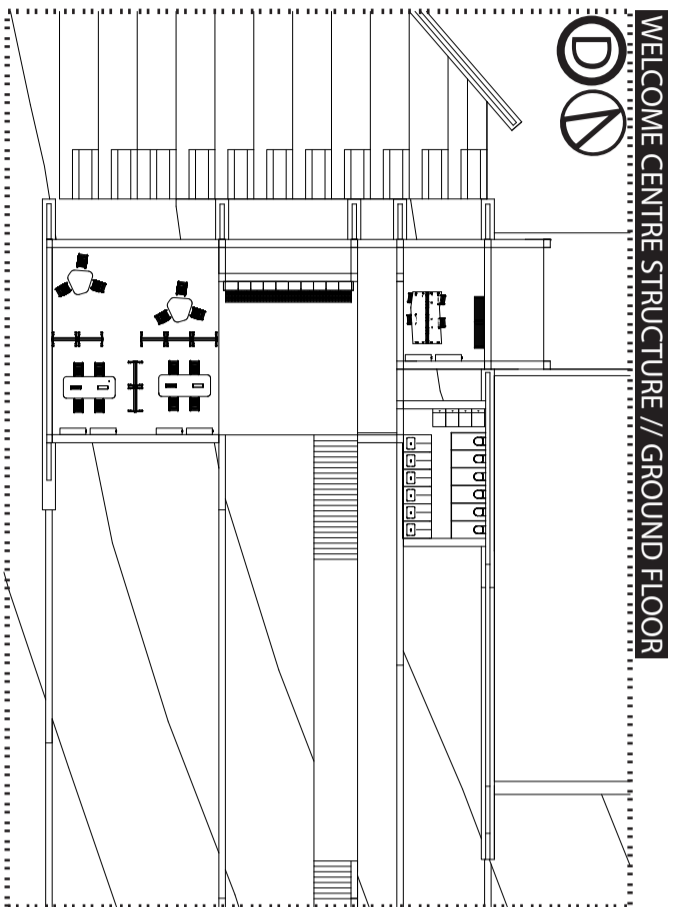
GREENHOUSE // GROUND FLOOR



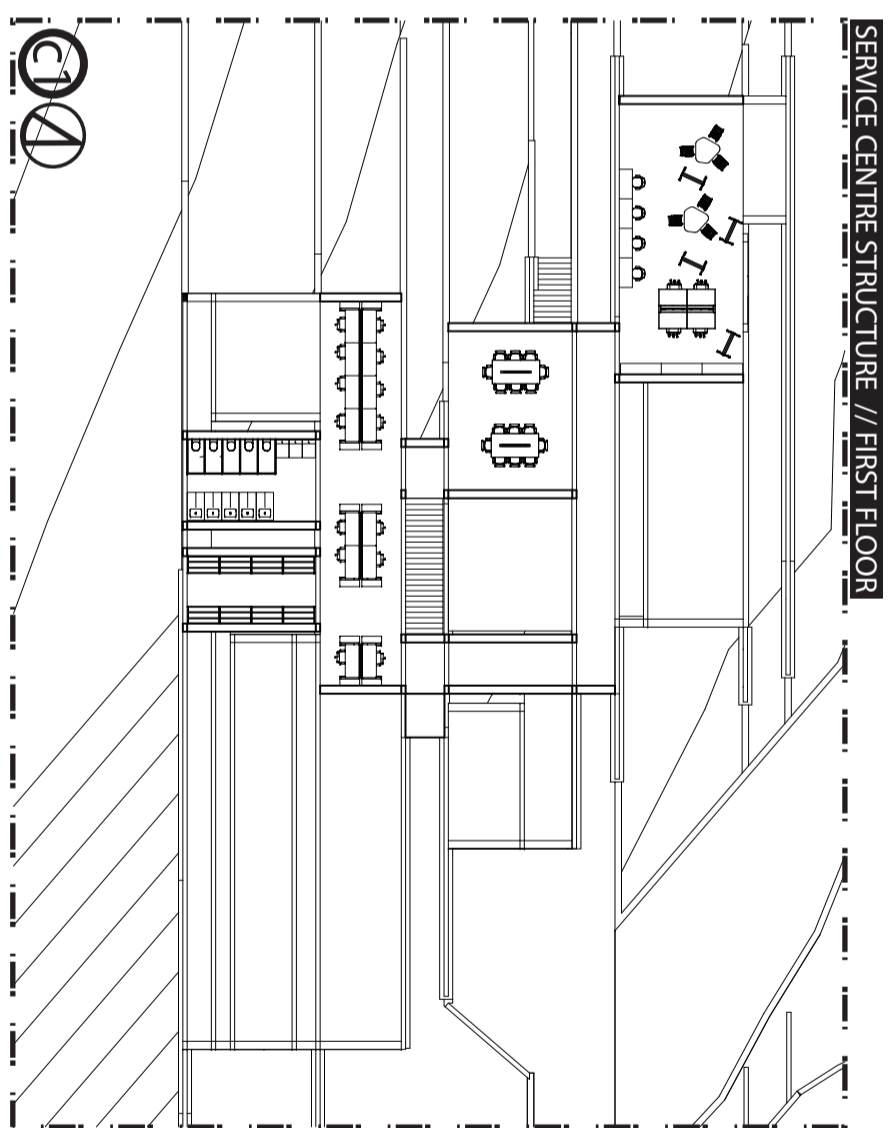
SERVICE CENTRE STRUCTURE // GROUND FLOOR



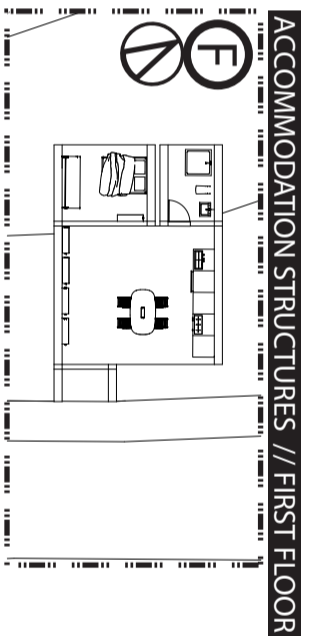
PUMP STATION AND
WATER FILTRATION
// GROUND FLOOR



WELCOME CENTRE STRUCTURE // GROUND FLOOR



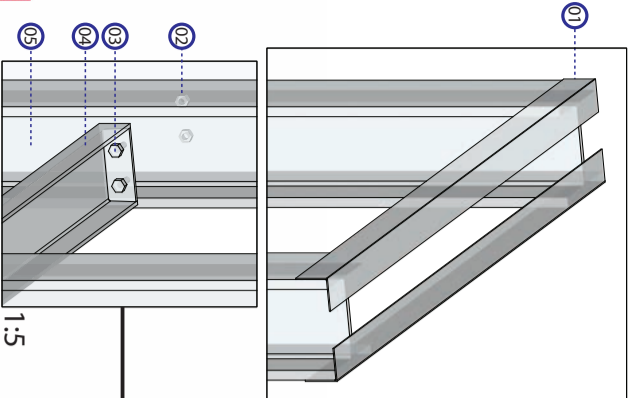
SERVICE CENTRE STRUCTURE // FIRST FLOOR



ACCOMMODATION STRUCTURES // FIRST FLOOR

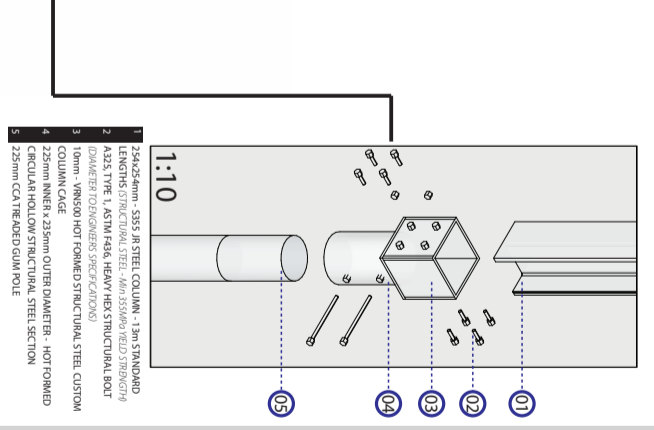
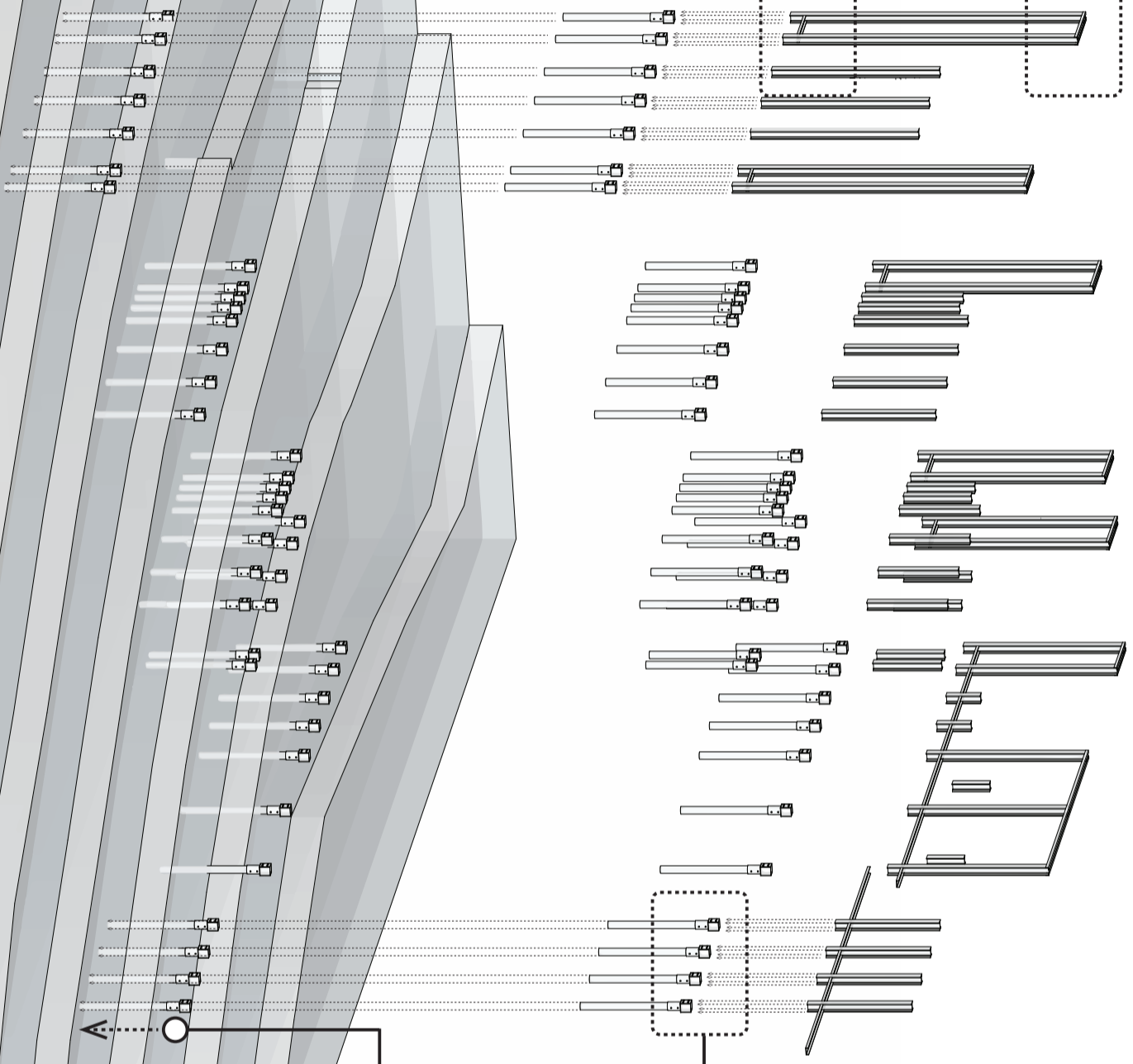


6.3// TECHNICAL



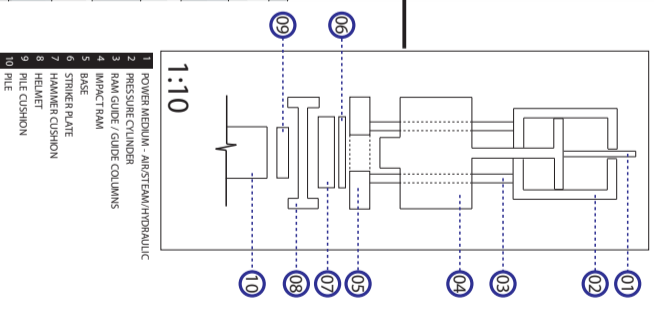
- 1 110mm x 100mm - S515 JR STEEL COLUMN - 13m STANDARD LENGTHS STRUCTURAL STEEL - MIN 355N/mm² YIELD STRENGTH
- 2 ASTM A563 - COMPATIBLE HEAVY HEX NUT (DIAMETER TO ENGINEERS SPECIFICATIONS)
- 3 A325 TYPE 1, ASTM F436, HEAVY HEX STRUCTURAL BOLT (DIAMETER TO ENGINEERS SPECIFICATIONS)
- 4 32mm x 80mm - EN10025 S235JR - PARALLEL FLANGE CHANNEL
- 5 25x25x3mm - S515 JR STEEL COLUMN - 13m STANDARD LENGTHS STRUCTURAL STEEL - MIN 355N/mm² YIELD STRENGTH

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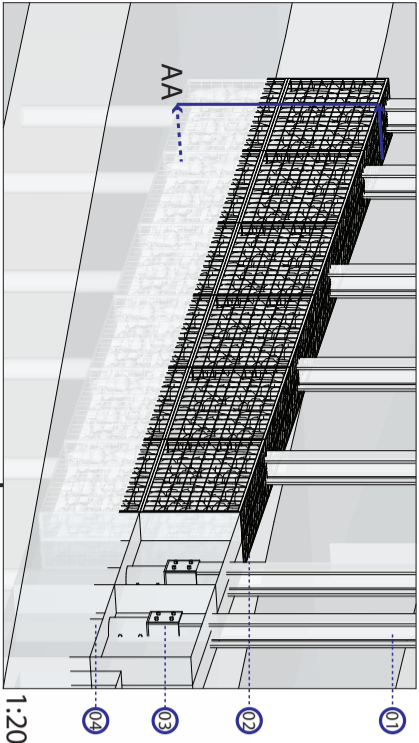
- 1 25x25x3mm - S515 JR STEEL COLUMN - 13m STANDARD LENGTHS STRUCTURAL STEEL - MIN 355N/mm² YIELD STRENGTH
- 2 A325 TYPE 1, ASTM F436, HEAVY HEX STRUCTURAL BOLT (DIAMETER TO ENGINEERS SPECIFICATIONS)
- 3 10mm - VANSO HOT FORMED STRUCTURAL STEEL CUSTOM COLUMN CAGE
- 4 25mm INNER x 25mm OUTER DIAMETER - HOT FORMED CIRCULAR HOLLOW STRUCTURAL STEEL SECTION
- 5 25mm CCA TREATED GUM ROLE

1:10



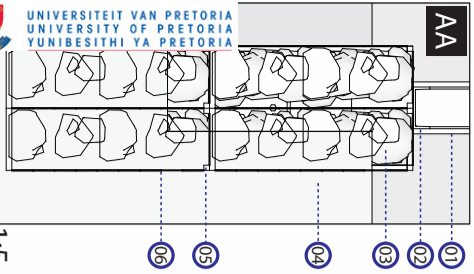
- 1 POWER MEDIUM - AIR/STEAM/HYDRAULIC
- 2 PRESSURE CYLINDER
- 3 BRACE / GUIDE COLUMNS
- 4 BRACE / PILE
- 5 BASE
- 6 STRIKER PLATE
- 7 HAMMER CUSHION
- 8 HEAVY
- 9 PILE CUSHION
- 10 PILE

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- 1 35x45mm - S355 JR STEEL COLUMN - 13m STANDARD LENGTHS
- 2 STRUCTURAL STEEL 40x135x8mm WELD STRINGER
- 3 WELD ROD MESH WITH 50MM OPENINGS - CUSTOM GALVANISED STEEL GABION BASKETS - FILLED WITH CRUSHED KIMBERLITE ROCK 10mm - VIBROSO HOT FORMED STRUCTURAL STEEL CUSTOM COLUMN CAGE
- 4 225mm - C/A TREADED GUM PILE

1:20

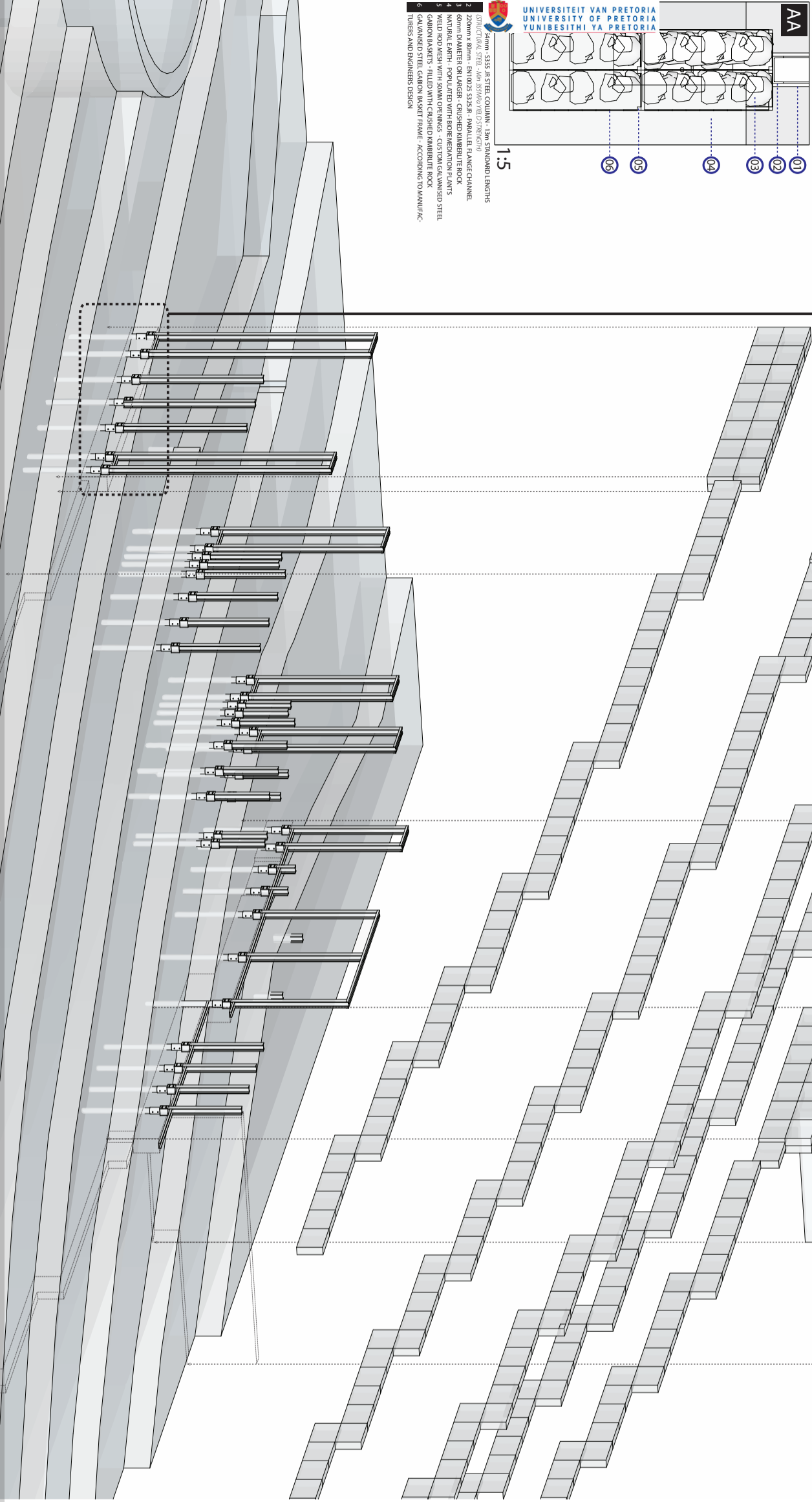


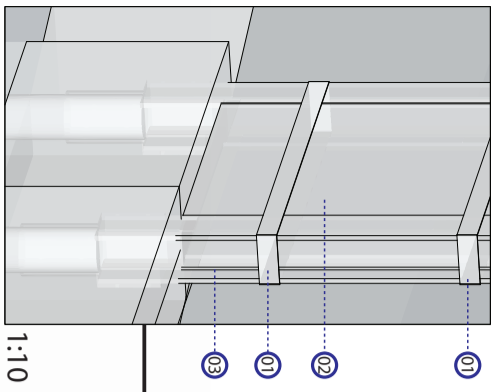
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- 1 35x45mm - S355 JR STEEL COLUMN - 13m STANDARD LENGTHS
- 2 STRUCTURAL STEEL 40x135x8mm WELD STRINGER
- 3 WELD ROD MESH WITH 50MM OPENINGS - CUSTOM GALVANISED STEEL GABION BASKETS - FILLED WITH CRUSHED KIMBERLITE ROCK 10mm - VIBROSO HOT FORMED STRUCTURAL STEEL CUSTOM COLUMN CAGE
- 4 225mm - C/A TREADED GUM PILE

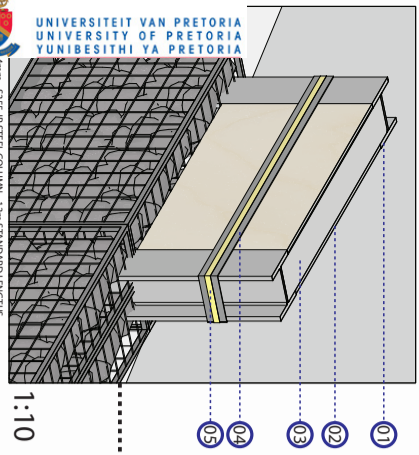


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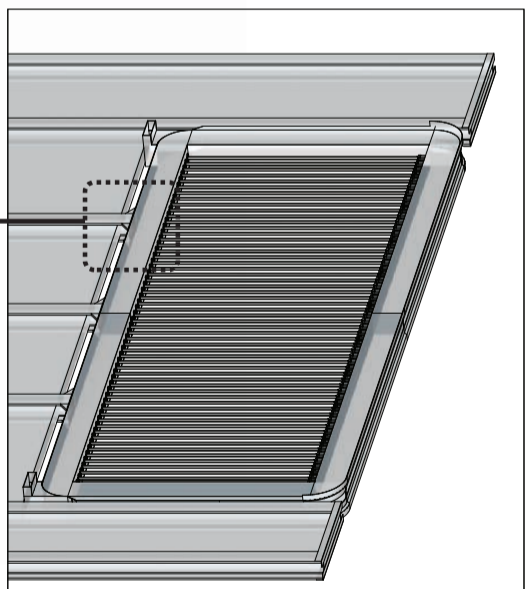
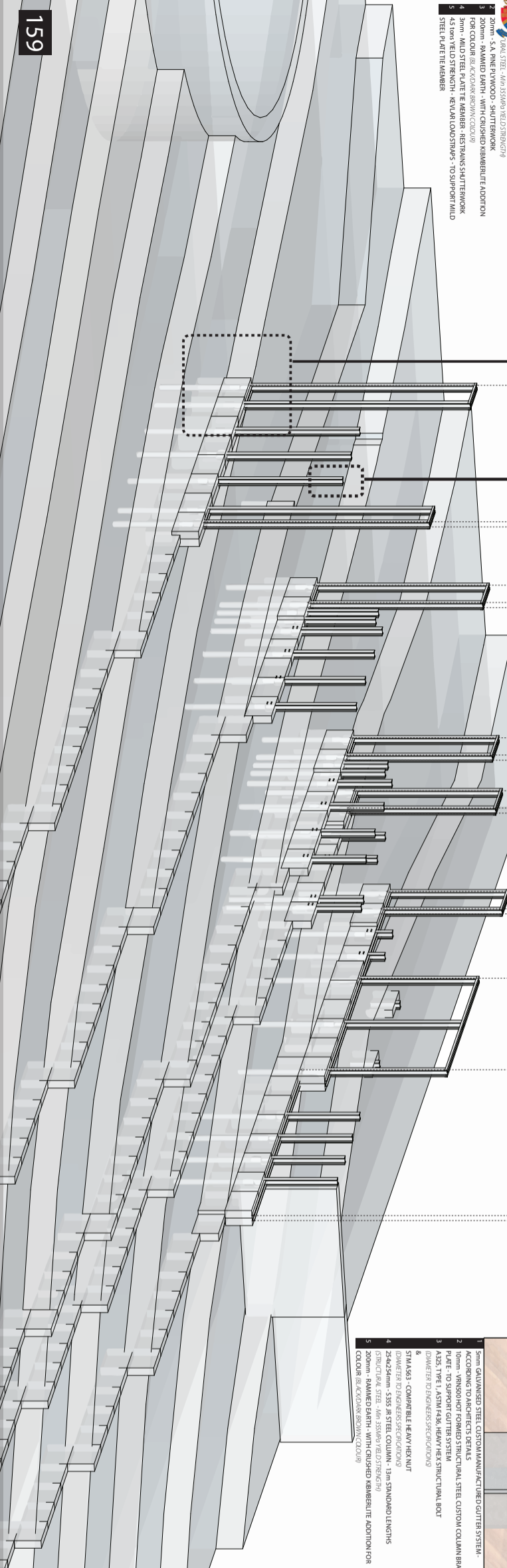


- 1 3mm - MILD STEEL PLATE THE MEMBER - RESTRANS SHUTTERWORK
- 2 20mm - S.A. PINE/PLYWOOD - SHUTTERWORK
- 3 25x425x4mm - S355 JR STEEL COLUMN - 13mm STANDARD LENGTHS STRUCTURAL STEEL - (MVA355M90 YIELD STRENGTH)

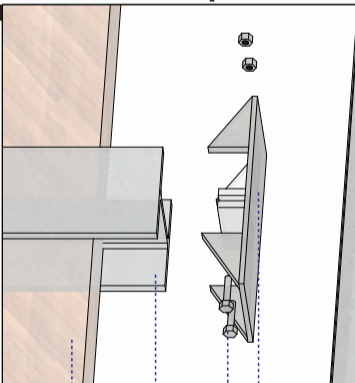


- 1 3mm - S.A. PINE/PLYWOOD - SHUTTERWORK
- 2 20mm - RAMMED EARTH - WITH CRUSHED KIBBERLITE ADDITION FOR COLOUR (BL. KCOX048 BRUYN/COLOR)
- 3 3mm - MILD STEEL PLATE THE MEMBER - RESTRANS SHUTTERWORK
- 4 45 tons YIELD STRENGTH - KEVLAIR LOKOSTRIPES - TO SUPPORT MILD STEEL PLATE THE MEMBER

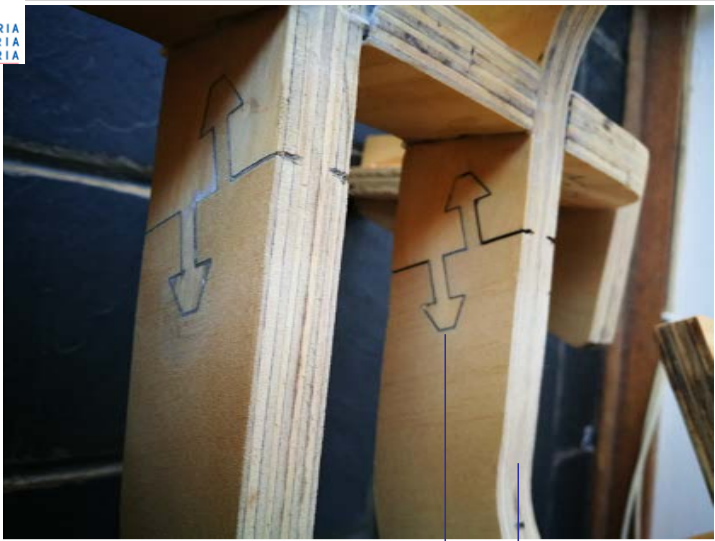
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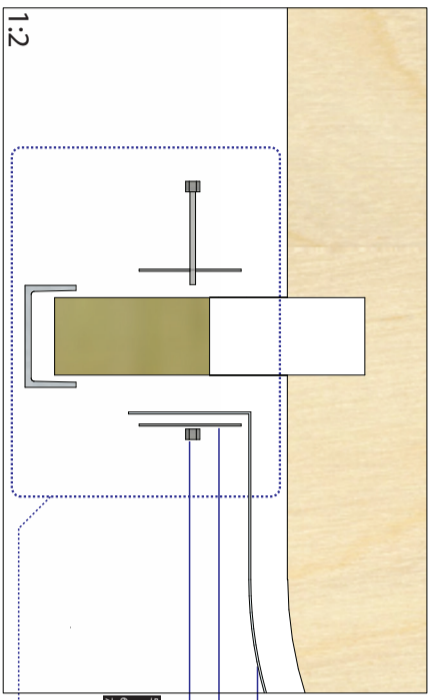
- 1 3mm GALVANISED STEEL CUSTOM MANUFACTURED GUTTER SYSTEM - ACCORDING TO ARCHITECT'S DETAILS
- 2 3mm - TO SUPPORT GUTTER STEEL CUSTOM COLUMN BRACE PLATE - TO SUPPORT GUTTER STEEL
- 3 A325 TYPE 1 ASTM A325 HEAVY HEX STRUCTURAL BOLT DIMENSIONED TO ENGINEERS SPECIFICATIONS
- 4 STWAA363 - COMPATIBLE HEAVY HEX NUT DIMENSIONED TO ENGINEERS SPECIFICATIONS
- 5 25x425x4mm - S355 JR STEEL COLUMN - 13mm STANDARD LENGTHS STRUCTURAL STEEL - (MVA355M90 YIELD STRENGTH)
- 6 200mm - RAMMED EARTH - WITH CRUSHED KIBBERLITE ADDITION FOR COLOUR (BL. KCOX048 BRUYN/COLOR)



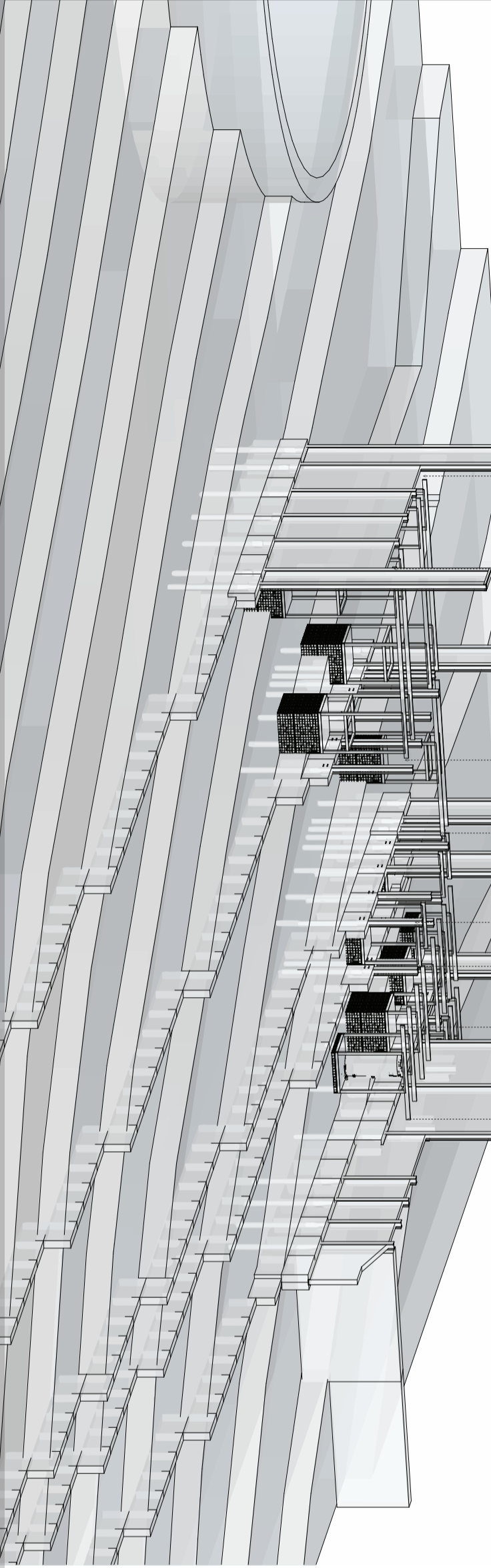
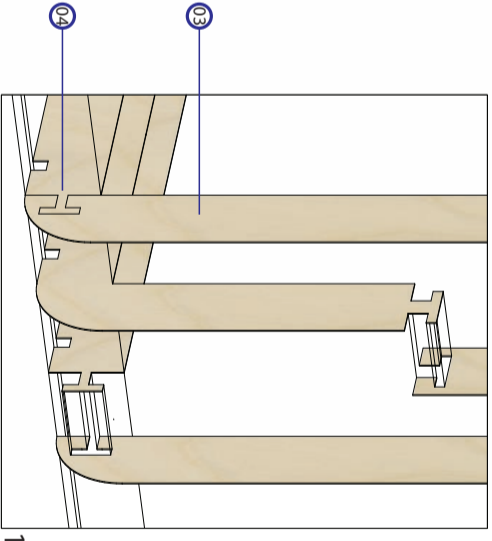
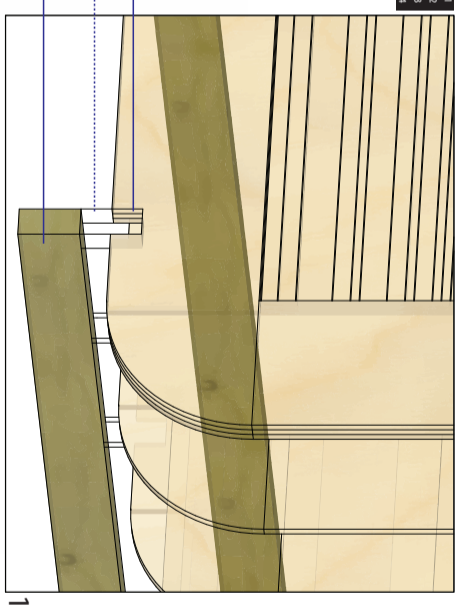
- 1 3mm GALVANISED STEEL CUSTOM MANUFACTURED GUTTER SYSTEM - ACCORDING TO ARCHITECT'S DETAILS
- 2 3mm - TO SUPPORT GUTTER STEEL CUSTOM COLUMN BRACE PLATE - TO SUPPORT GUTTER STEEL
- 3 A325 TYPE 1 ASTM A325 HEAVY HEX STRUCTURAL BOLT DIMENSIONED TO ENGINEERS SPECIFICATIONS
- 4 STWAA363 - COMPATIBLE HEAVY HEX NUT DIMENSIONED TO ENGINEERS SPECIFICATIONS
- 5 25x425x4mm - S355 JR STEEL COLUMN - 13mm STANDARD LENGTHS STRUCTURAL STEEL - (MVA355M90 YIELD STRENGTH)
- 6 200mm - RAMMED EARTH - WITH CRUSHED KIBBERLITE ADDITION FOR COLOUR (BL. KCOX048 BRUYN/COLOR)



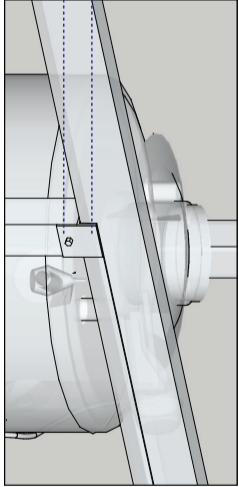
RCUT CHAIR - AS PART OF AN OPEN SOURCE
LABORATION



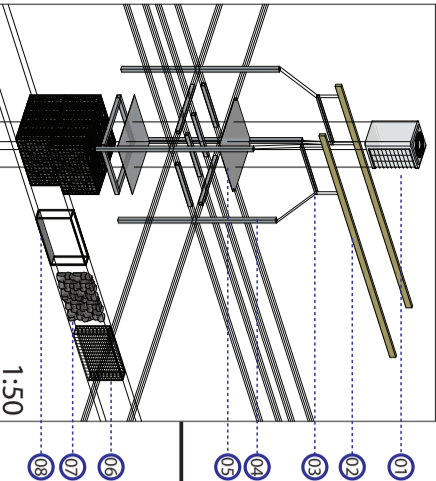
- 1 20mm - ENGINEERED COMPOSITE S.A. PINE PLYWOOD - GRADE A (3 x 6mm LAYERS + GLUE)
- 2 28mm x 76mm - S.A. PINE BEAM (20mm x 20mm AFTER PLANING)
- 3 6mm - S.A. PINE PLYWOOD - GRADE A
- 4 CNC CUT PLYWOOD COMPONENTS - GLUE LAMINATED FOR STRUCTURAL STABILITY
- 5 0.3mm - LINEAR LOW DENSITY POLYETHYLENE - THERMO SHRINK PLASTIC FILM (Formulated with both linear and low density / heat sensitive vinyl)
- 6 2mm - VARIOUS HOT FORMED STRUCTURAL STEEL RETENTION PLATE
- 7 ASTM A568 - COMPATIBLE HEAVY HEX NUT (DIAMETER TO BUSINESS SPECIFICATION)
- 8 A4-8. TYPE 1, ASTM A568 HEAVY HEX STRUCTURAL BOLT (DIAMETER TO BUSINESS SPECIFICATION)



10mm - VANSO HOT FORMED STRUCTURAL STEEL PLATE - SUPPORT BRACKET 1
 ASTM A483 - COMPANIBLE HEAVY HEX NUT 2
 ID DIAMETER TO ENGINEERS SPECIFICATIONS
 A483 TYPE 1, ASTM F48, HEAVY HEX STRUCTURAL BOLT ID DIAMETER TO ENGI
 NEERS SPECIFICATIONS

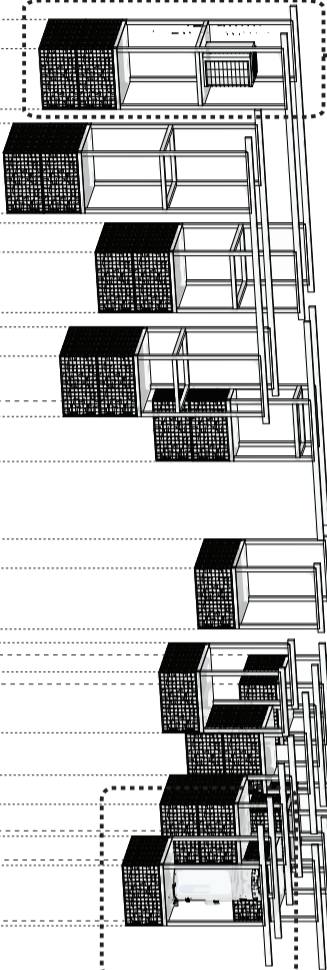


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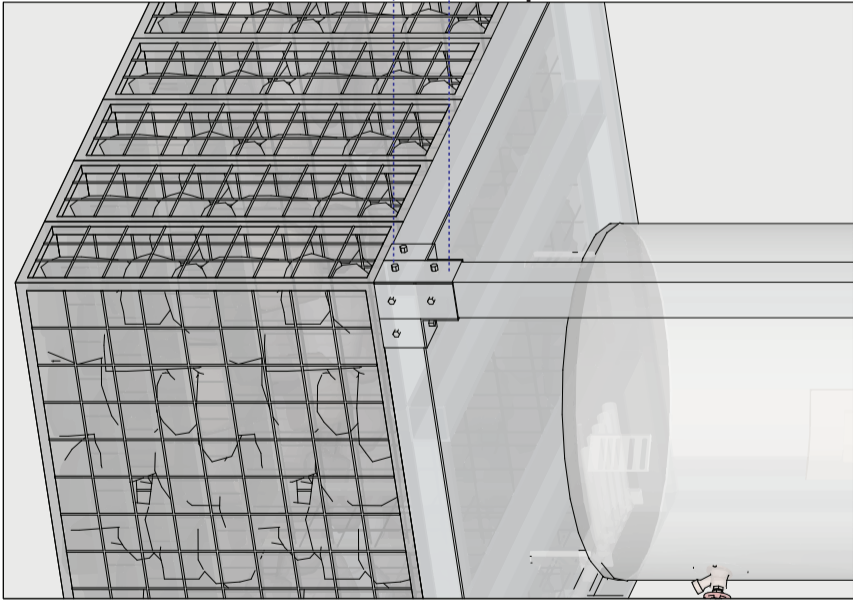
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- 1 SUPPORT SERVICES - ASPER SERVICE ENGINEERS DETAILS
- 2 228mm x 76mm - S4 PINE BEAM 220mm x 70mm AFTER ANNO
- 3 100mm x 50mm - EN10025 S235JR - PARALLEL FLANGE CHANNEL
- 4 100mm x 100mm - HOT FORMED SQUARE HOLLOW STRUCTURAL STEEL SECTION
- 5 10mm - VANSO HOT FORMED STRUCTURAL STEEL PLATE STRUCTURAL DECK
- 6 WELD ROD MESH WITH 50MM OPENINGS - CUSTOM GALVANISED STEEL GABION BASKETS - FILLED WITH CRUSHED MAMBERUTE ROCK
- 7 60mm DIAMETER OR LARGER - CRUSHED MAMBERUTE ROCK
- 8 GALVANISED STEEL GABION BASKET FRAME - ACCORDING TO MANUFACTURERS AND ENGINEERS DESIGN

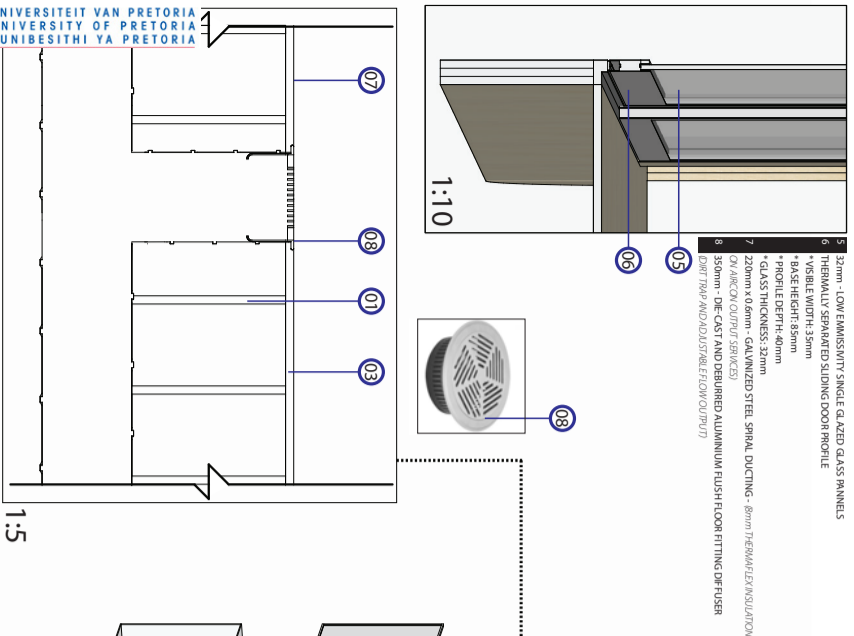


10mm - VANSO HOT FORMED STRUCTURAL STEEL PLATE - SUPPORT BRACKET 1
 ASTM A483 - COMPANIBLE HEAVY HEX NUT 2
 ID DIAMETER TO ENGINEERS SPECIFICATIONS
 A483 TYPE 1, ASTM F48, HEAVY HEX STRUCTURAL BOLT ID DIAMETER TO ENGI
 NEERS SPECIFICATIONS

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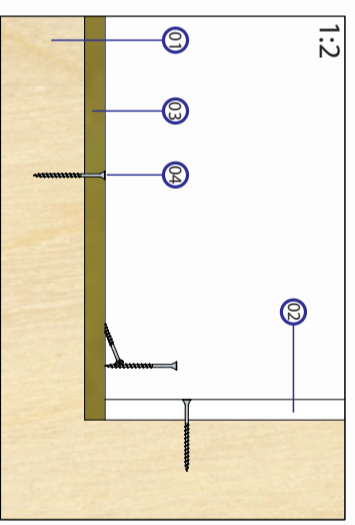
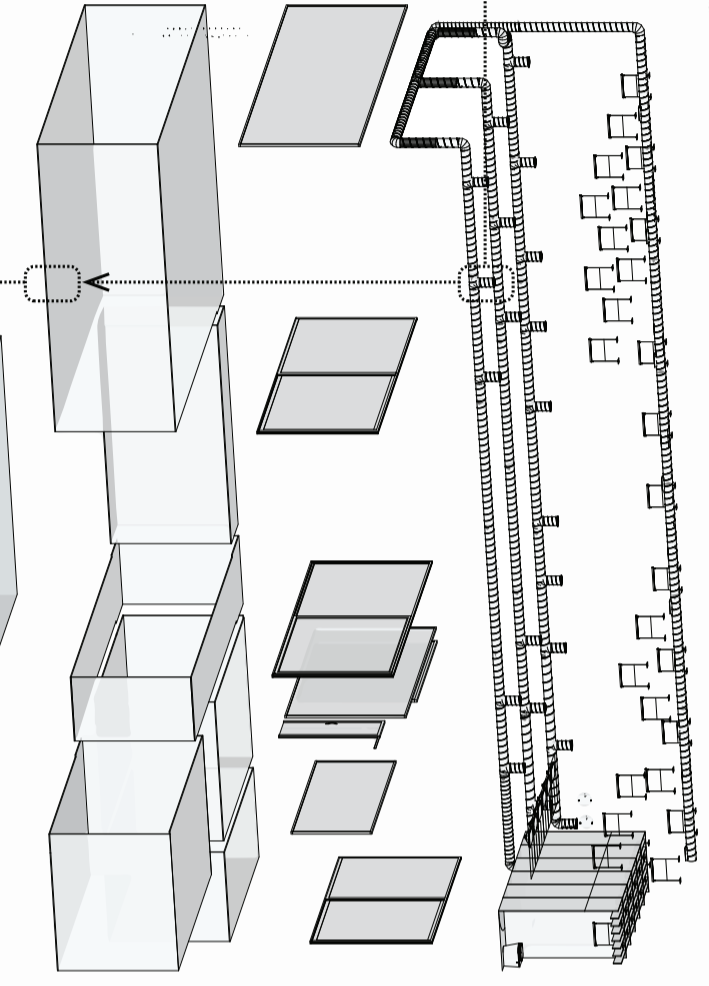


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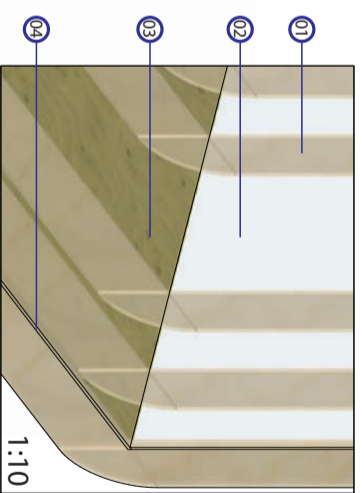


- 32mm - LOW EMISSIVITY SINGLE GLAZED GLASS PANNELS
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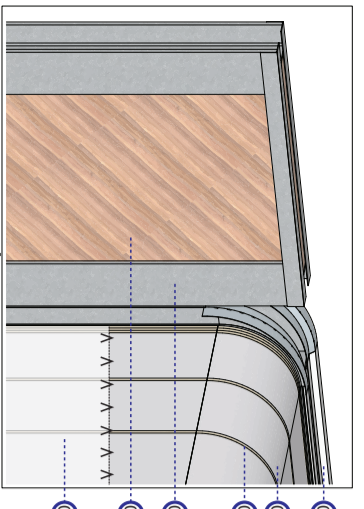
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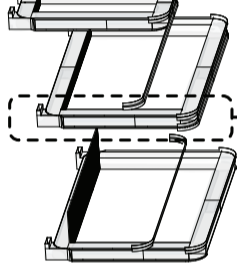
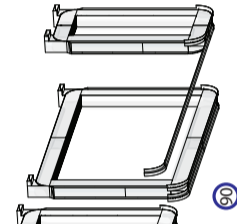
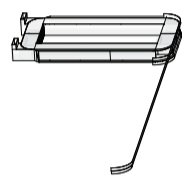
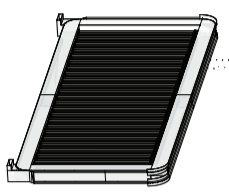
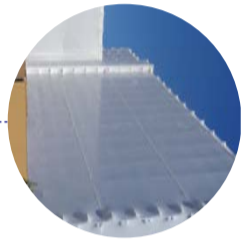


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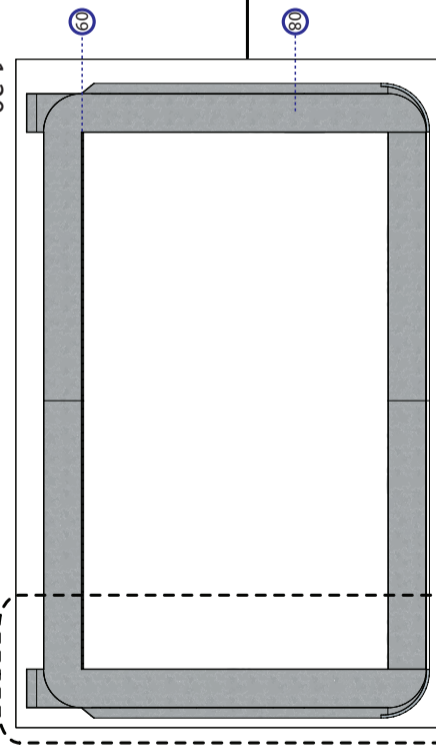
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- 1 2mm - GALVANISED CUSTOM STEEL FLASHING
- 2 365mm - POLYISOCYANURATE (PI) INSULATION
- 3 20mm - ENGINEERED COMPOSITE S.A. PINE PLWOOD - GRADE A
- 4 3.65mm LAYERS + GULL
- 5 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 6 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 7 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 8 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 9 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 10 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 11 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 12 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
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- 18 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 19 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS
- 20 25x25mm - S355 STEEL COLUMN - 13m STANDARD LENGTHS

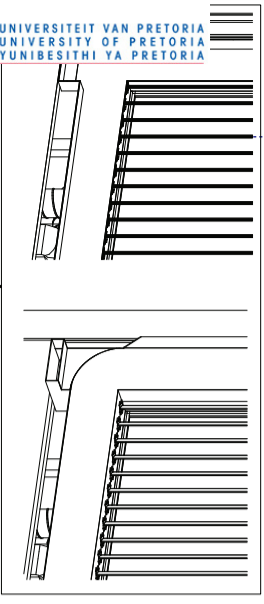


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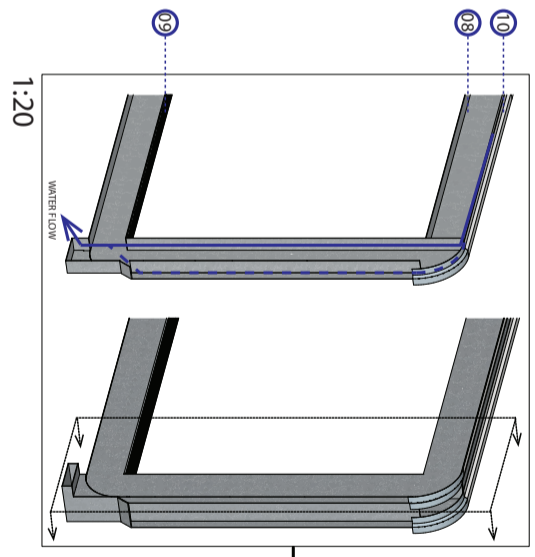
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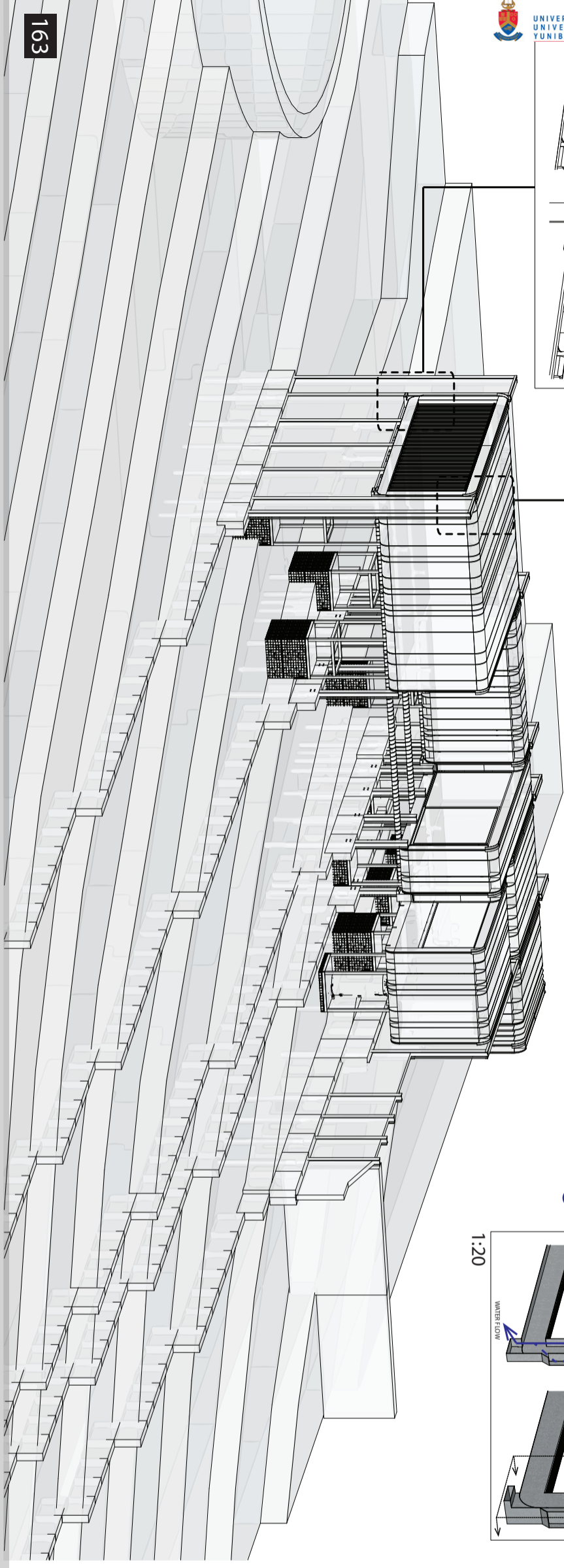
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6.4// MODELS

