

" PROPOSED COURT HOUSE "

at Salelologa, Savaii

CONTENT:

ARCHITECTURAL:

| | |
|-----|---------------------------------------|
| A00 | COVER SHEET |
| A01 | SURVEY SITE PLAN |
| A02 | NEW SITE PLAN(Showing Landscaping) |
| A03 | FLOOR LAYOUT PLAN(Showing Finishes) |
| A04 | FLOOR LAYOUT PLAN(Showing Furnitures) |
| A05 | FLOOR LAYOUT PLAN(Showing References) |
| A06 | CEILING LAYOUT PLAN |
| A07 | ROOF LAYOUT PLAN |
| A08 | ELEVATION 1 & 2 |
| A09 | ELEVATION 3 & 4 |
| A10 | TYP. SECTION 1 - 1 |
| A11 | TYP. SECTION 2 - 2 |
| A12 | TYP. SECTION 3 - 3 |
| A13 | TYP. SECTION 4 - 4 |
| A14 | TYP. SECTION 5 - 5 |
| A15 | DETAILS |
| A16 | DETAILS |

A20 OPEN OFFICE PLAN
A21 RECEP TN / CASHIER PLAN DETAILS
A22 RECEP TN / CASHIER ELEVATION
A23 RECEP TN / CASHIER ELEVATION
A24 RECEP TN / CASHIER FETAELS
A25
A26 OPEN OFFICE WORK STATION DETAILS
A26a GENERAL OFFICE FESK
A27 LTC COURT 2 LAYOUT PLAN DETAILS
A28 LTC COURT 2 ELEVATIONS
A29 LTC COURT 2 SECTION / DETAILS
A30
A31 SPR.DIST. COURT 1 LAYOUT PLAN DETAILS
A32 SPR.DIST. COURT 1 ELEVATIONS
A33 SPR.DIST. COURT 1 SECTION / DETAILS
A34
A35 DOOR WINDOW SCHEDULES
A36 DOOR WINDOW SCHEDULES
A37 DOOR WINDOW SCHEDULES

A40
A41 **TEA ROOM PLAN DETAILS**
A41a **TEA ROOM ELEVATIONS**
A42 **BATHROOM 1,2,3 PLAN DETAILS**
A43 **BATHROOM 1,2,3 ELEVATIONS**
A44 **BATHROOM B2 DETAILS**
A45 **BATHROOM B3 DETAILS**
A46 **PWD BATHROOM**
A47 **DETAILS**
A48 **DROP AREA PLAN DETAILS**
A49 **DROP AREA PLAN DETAILS**
A50 **En 2 DETAILS**
A51 **En 2 DETAILS**
A52 **STEP DETAILS**

A53 PEW CHAIR'S DETAIL
(Waiting Areas / Mediation Rm)
A54 PEW CHAIR'S DETAIL
(Court Rooms)
A55 SHELVEING DETAIL
(Strong Room)
A56 JUDGES CHAIRS DETAILS

CIVIL WORK :

CA01 MASTER PLAN(LEVELS)
CA02 STORM WATER PLAN
CA03 DETAILS
CA04 DETAILS
CA05 SECTION 1,2,3
CA06 SECTIONS 4,5
CA07 SECTIONS A,B,C
CA08 SECTIONS D,E,F
CA09 SECTIONS G,H

HYDRAULIC SERVICES :

H01 PLUMBING LAYOUT PLAN
H02 DETAIL PLAN 1
H03 DETAIL PLAN 2
H04 DETAIL PLAN 3
H05 DETAIL PLAN 4
H06 SEPTIC TANK

ELECTRICAL :

| | |
|------|--|
| E000 | ELECTRICAL SERVICES - COVER SHEET |
| E001 | ELECTRICAL SERVICES - SCHEDULE OF DRAWINGS/LEGEND/LOCALITY PLAN/SCHEDULE OF LUMINARIES |
| E002 | ELECTRICAL SERVICES - ELECTRICAL DETAILS /GENERAL NOTES/ABBREVIATION |
| E003 | ELECTRICAL SERVICES - SITE PLAN LIGHTING LAYOUT |
| E004 | ELECTRICAL SERVICES - MAIN RETICULATION DISTRIBUTION SYSTEM |
| E005 | ELECTRICAL SERVICES - DISTRIBUTION BOARDS DETAIL SHEET 1 OF 2 |
| E006 | ELECTRICAL SERVICES - DISTRIBUTION BOARDS DETAIL SHEET 2 OF 2 |
| E100 | ELECTRICAL SERVICES - COURTHOUSE LIGHTING PLAN |
| E101 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 1 OF 4 |
| E102 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 2 OF 4 |
| E103 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 3 OF 4 |
| E104 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 4 OF 4 |
| E200 | ELECTRICAL SERVICES - COURTHOUSE POWER PLAN |

| | |
|------|--|
| E201 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 1 OF 4 |
| E202 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 2 OF 4 |
| E203 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 3 OF 4 |
| E204 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 4 OF 4 |
| E300 | ELECTRICAL SERVICES - ELECTRICAL SERVICES - JUDGES RESIDENCE LIGHTING PLAN |
| E400 | ELECTRICAL SERVICES - JUDGES RESIDENCE POWER PLAN |
| E500 | ELECTRICAL SERVICES - DESIGN LIGHTING SCHEDULE |

MECHANICAL SERVICES :

| | | |
|-------------|--|--------|
| M000 | MECHANICAL SERVICES TITLE PAGE | |
| M001 | MECHANICAL SERVICES DRAWING INDEX AND OF SYMBOLS | LEGEND |
| M002 | MECHANICAL SERVICES - SCHEDULE OF EQUIPMENTS | |
| M100 | MECHANICAL SERVICES - PROPOSED COURTHOUSE AIR CONDITIONING AND VENTILATION LAYOUT | |
| M101 | MECHANICAL SERVICES - PROPOSED JUDGES RESIDENCE AIR CONDITIONING AND VENTILATION LAYOUT | |

FIRE SAFETY :

F000 FIRE PROTECTION SERVICES
Notes, Legend and Drawing Register

F001 FIRE PROTECTION SERVICES
Notes, Legend and Drawing Register

F200 FIRE PROTECTION SERVICES
DETAILS AND FIRE ALARM MATRIX OF OPERATION

F201 FIRE PROTECTION SERVICES
COURTHOUSE BUILDING
Addressable Fire Alarm System
Roof Void

F202 FIRE PROTECTION SERVICES
JUDGES RESIDENCE BUILDING
Addressable Fire Alarm System
Ceiling Level

F300 FIRE PROTECTION SERVICES
COURTHOUSE BUILDING
Fire Hose Reels/Fire Extinguishers

F300 FIRE PROTECTION SERVICES
JUDGES RESIDENCE BUILDING
Fire Extinguishers

STRUCTURAL :

- S100** FOUNDATION PLAN
- S101** SLAB PLAN
- S102** RING BEAM PLAN
- S103** CEILING FRAMING PLAN
- S104** ROOF TRUSS BOTTOM CHORD BRACE
- S105** ROOF FRAMING PLAN
- S106** PURLIN PLAN
- S200** SECTION
- S201** SECTION
- S202** SECTION
- S203** SECTION
- S204** SECTION
- S205** SECTION
- S206** SECTION
- S207** SECTION
- S208** SECTION
- S300** CONCRETE DETAILS
- S301** CONCRETE DETAILS
- S302**
- S303** CONCRETE DETAILS
- S400** STEEL DETAILS
- S401** STEEL DETAILS
- S402** STEEL DETAILS
- S403** STEEL DETAILS
- S500** STEEL & TIMBER DETAILS

**TELECOM, DATA MULTIMEDIA
& CCTV, SOUND SYSTEM:**

D01 LEGENDS :
TELECOM, DATA, MULIMEDIA & CCTV
D02 TELECOMMUNICATION & DATA
LAYOUT PLAN
D03 CCTV LAYOUT SITE PLAN
D04 CCTV LAYOUT FLOOR PLAN

CONSTRUCTION ISSUE

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" **PROPOSED COURT HOUSE** "
at Salelologa, Savaii

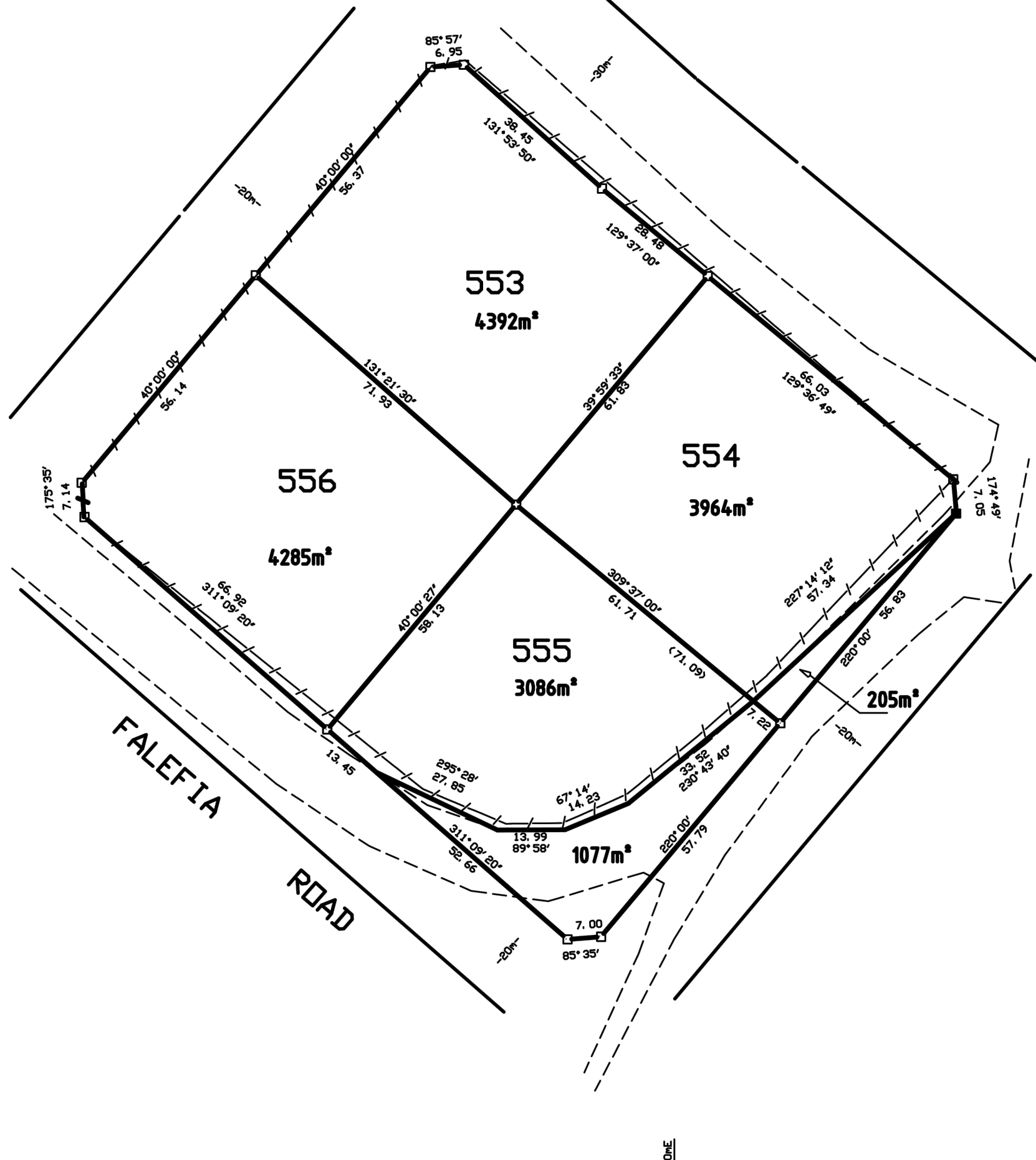


DRAWING TITLE:

COVER SHEET

| | |
|-----------|-----|
| DESIGNED: | VeS |
| DRAWN: | VeS |
| CHECKED: | VS |
| SCALE: | NTS |

| | |
|---------------|-------------|
| DATE: | 02.02. 2024 |
| DATE: | 02.02. 2024 |
| PRINT ISSUED: | 02.02. 2024 |
| SHEET No: | A00 |



ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

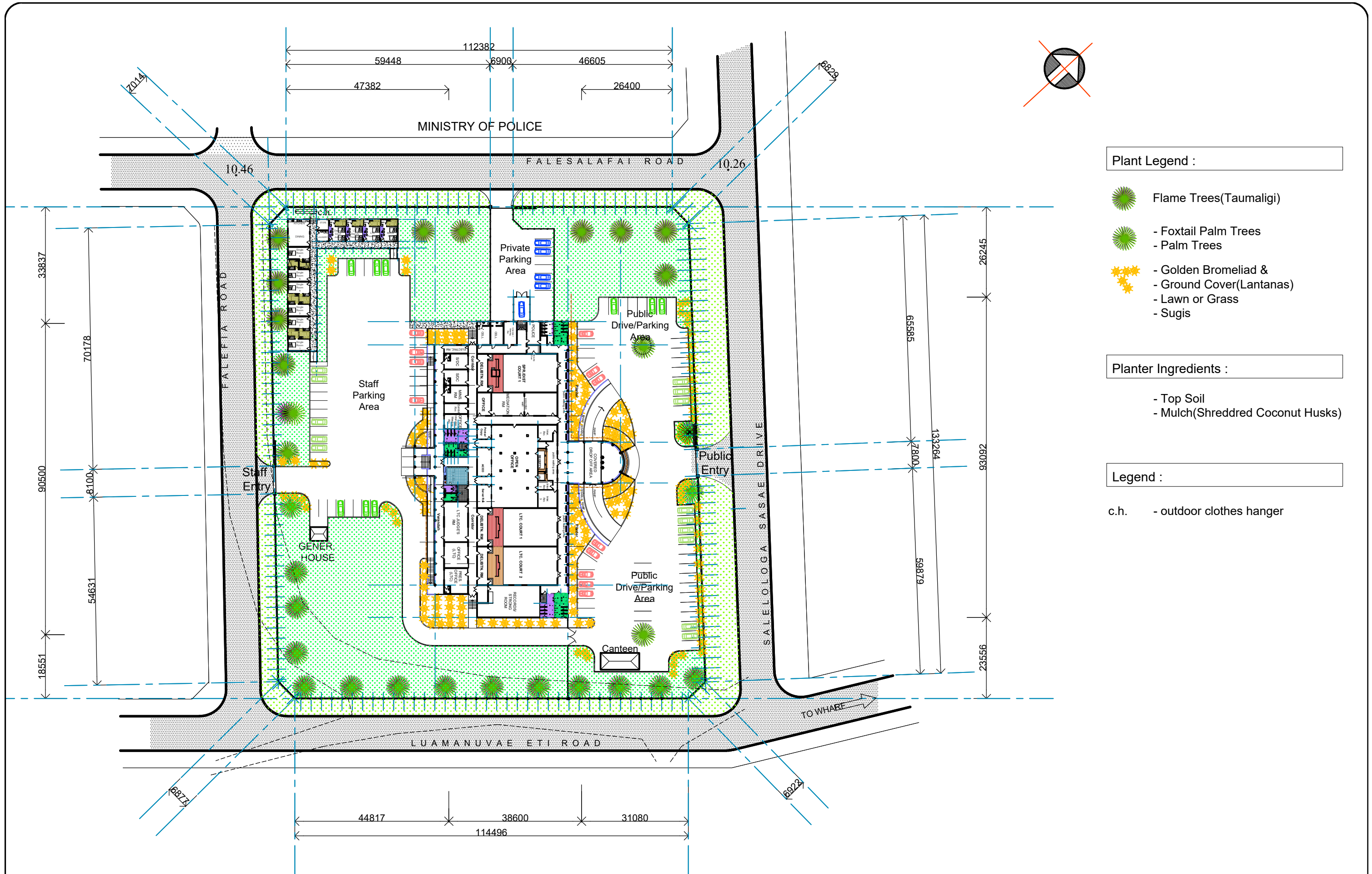


DRAWING TITLE:

SURVEY SITE PLAN

| | | | |
|-----------|----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | NTS (A3) | SHEET No: | A01 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



Plant Legend :

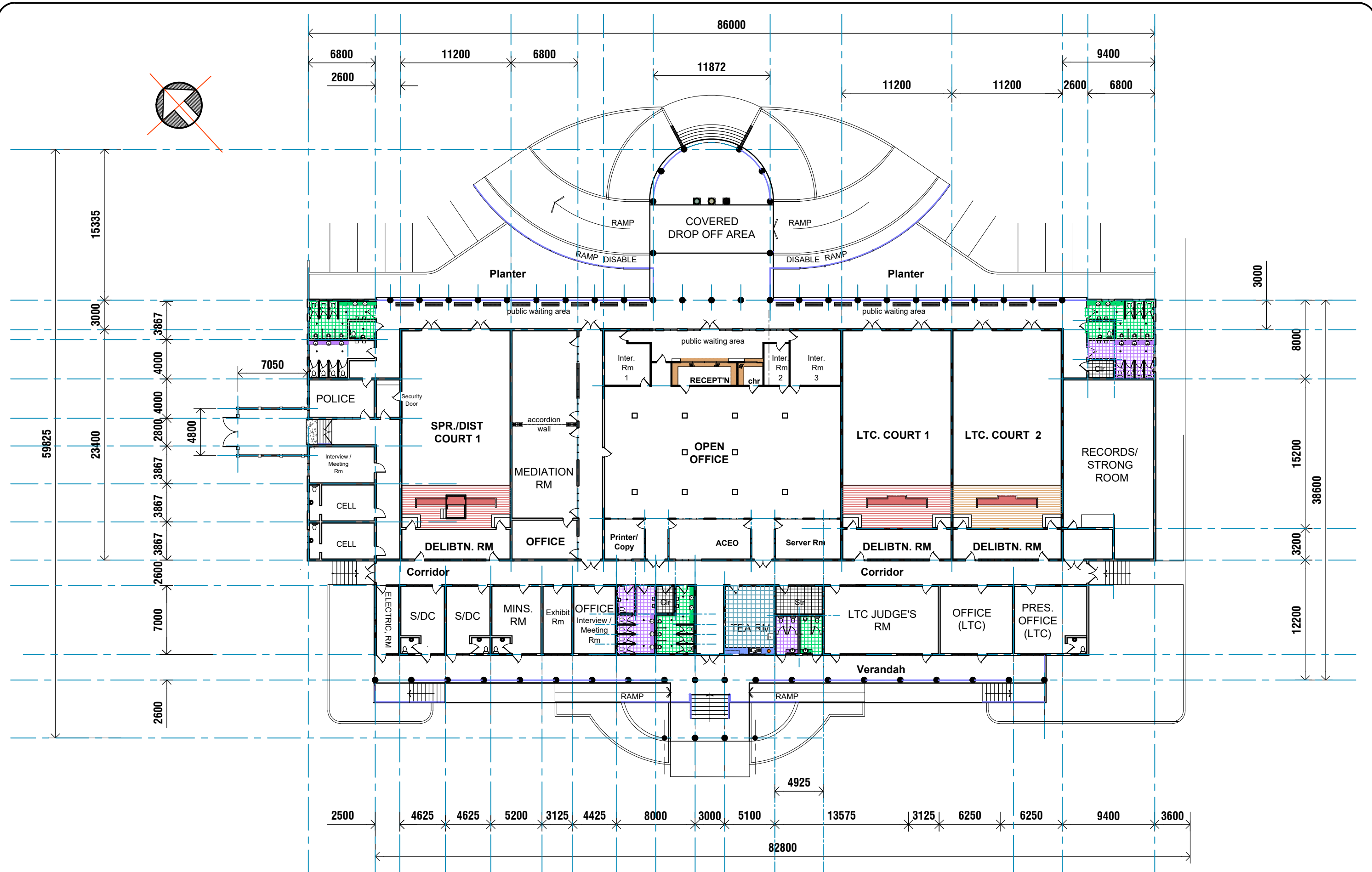
- Flame Trees(Taumaligi)
- Foxtail Palm Trees
- Palm Trees
- Golden Bromeliad &
- Ground Cover(Lantanas)
- Lawn or Grass
- Sugis

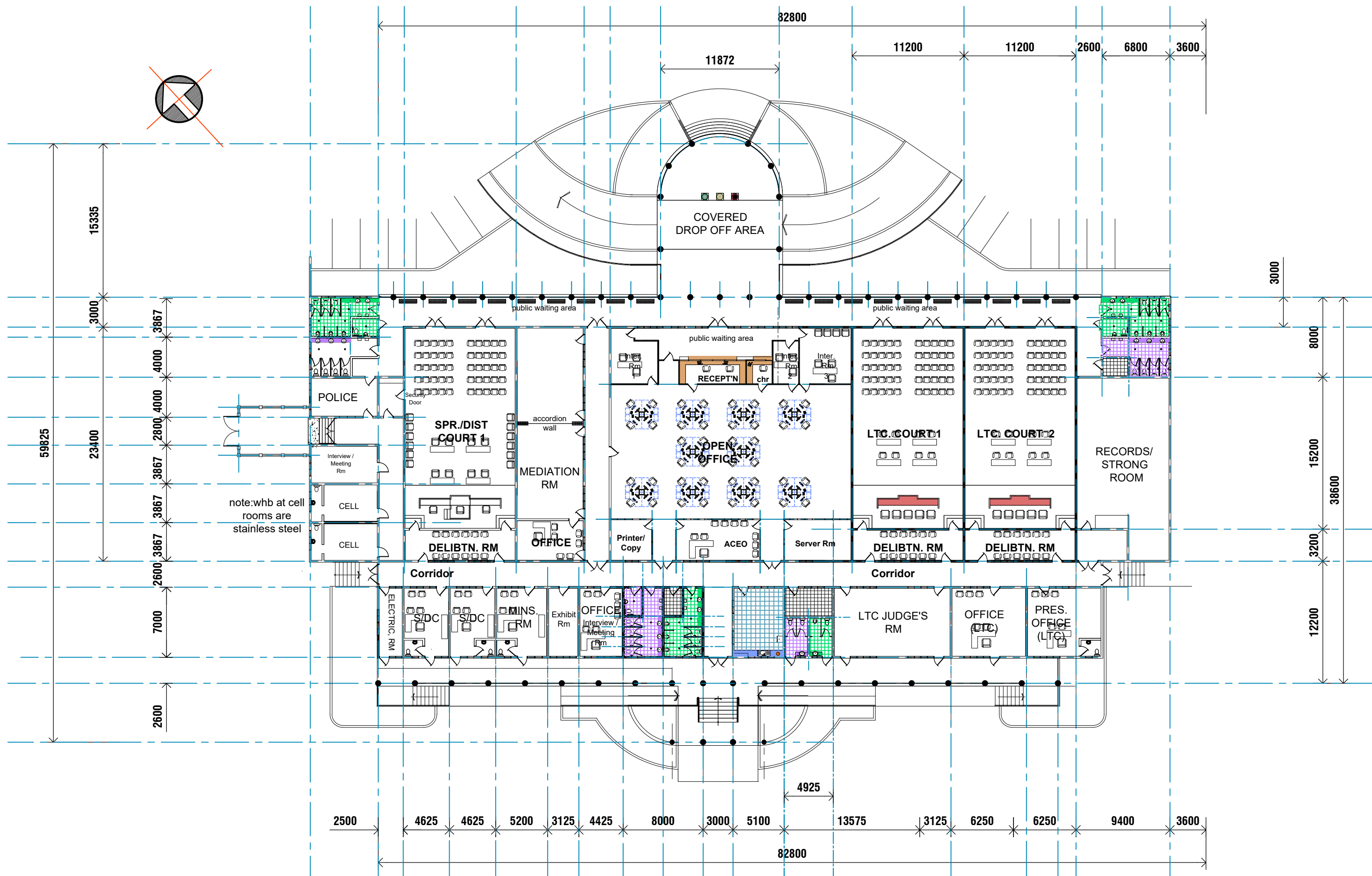
Planter Ingredients :

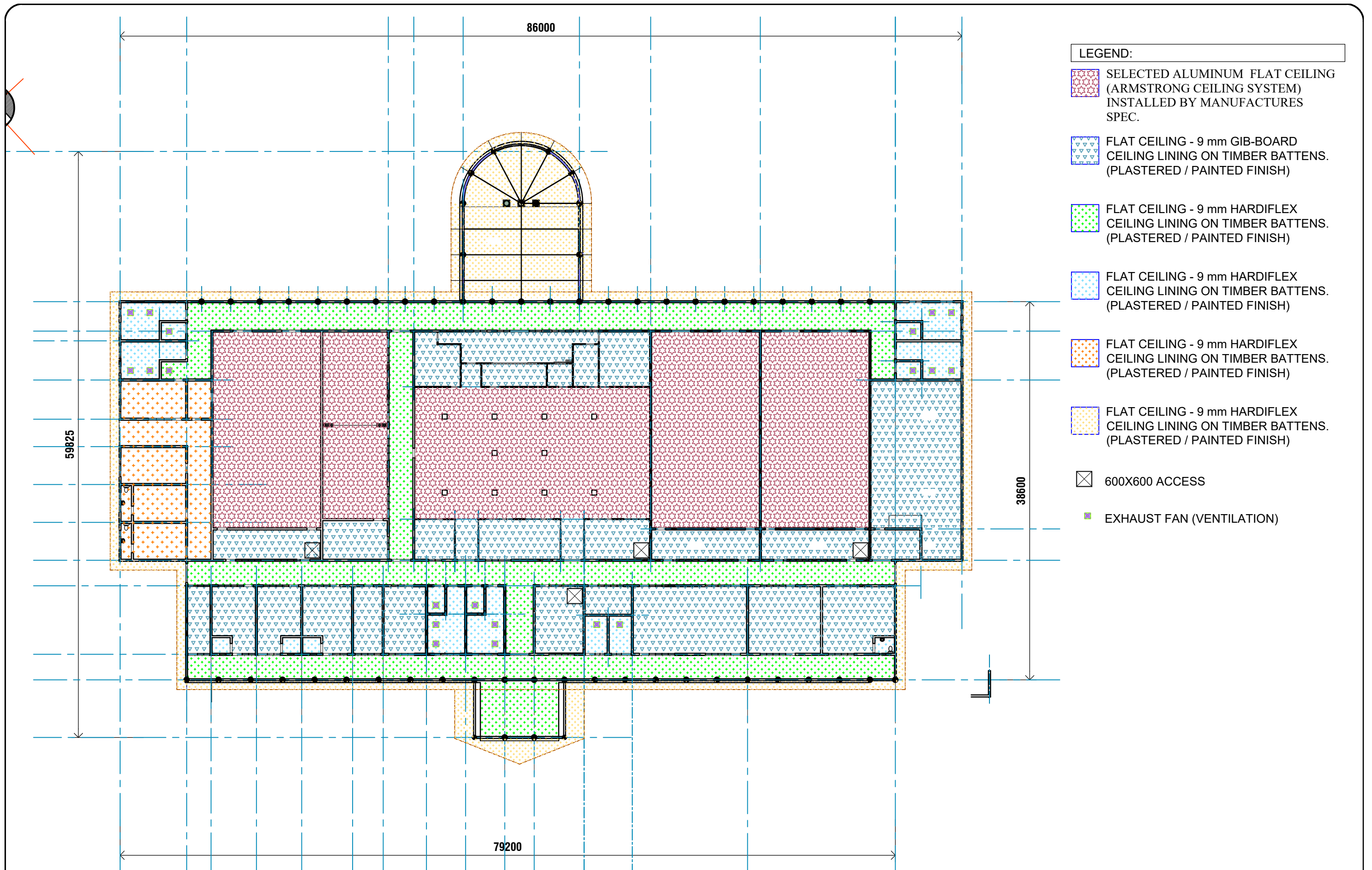
- Top Soil
- Mulch(Shredded Coconut Husks)

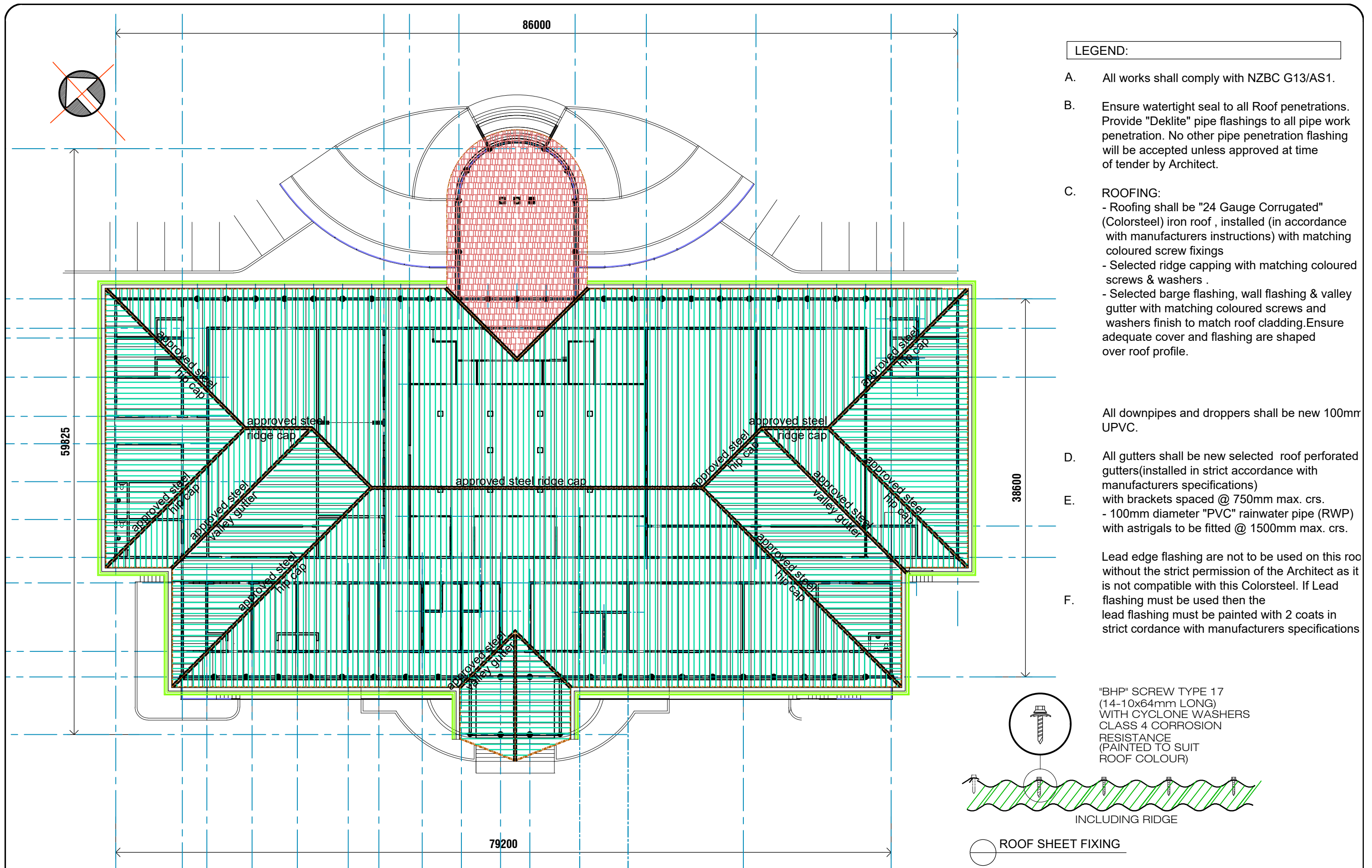
Legend :

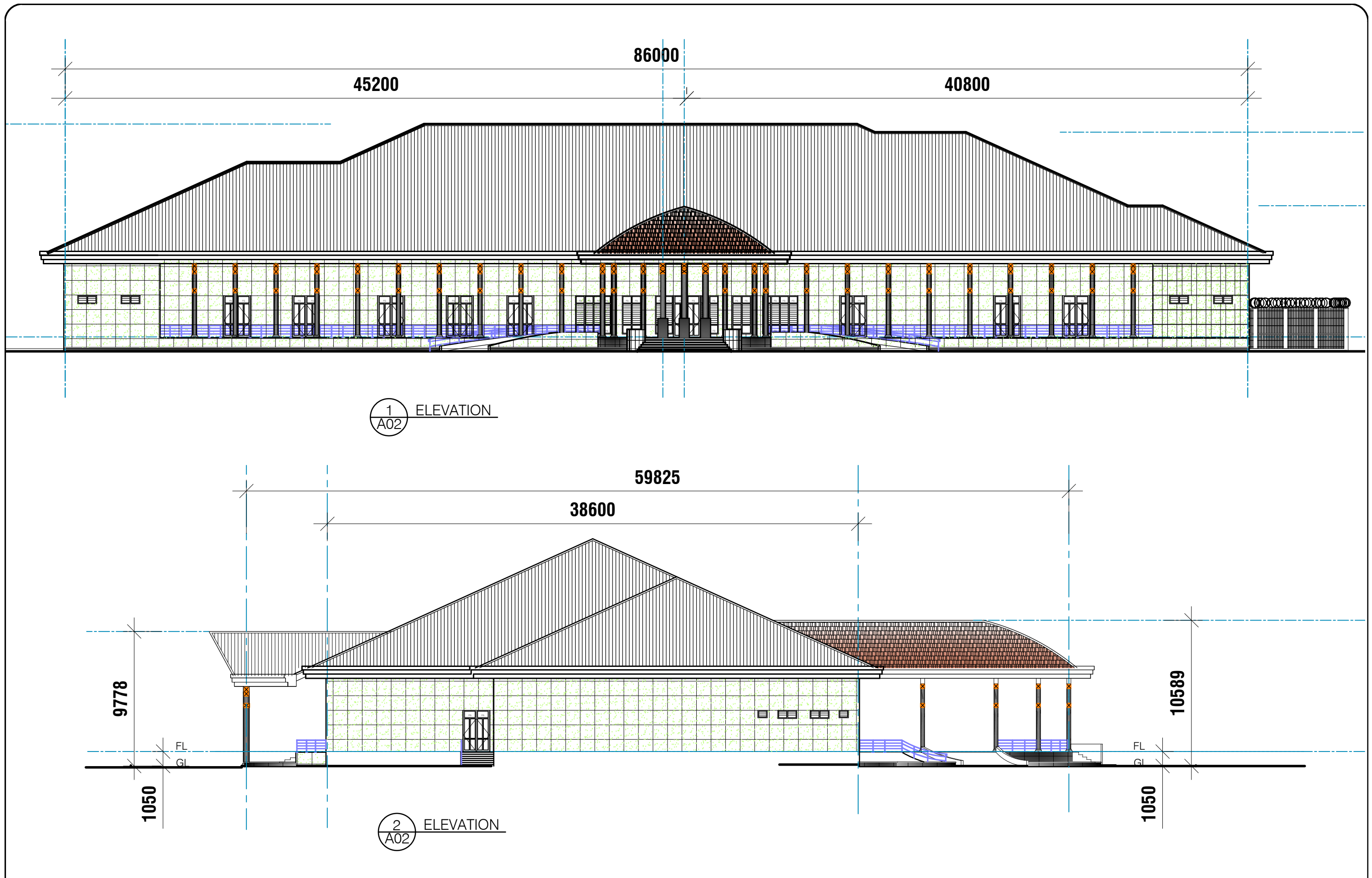
- c.h. - outdoor clothes hanger

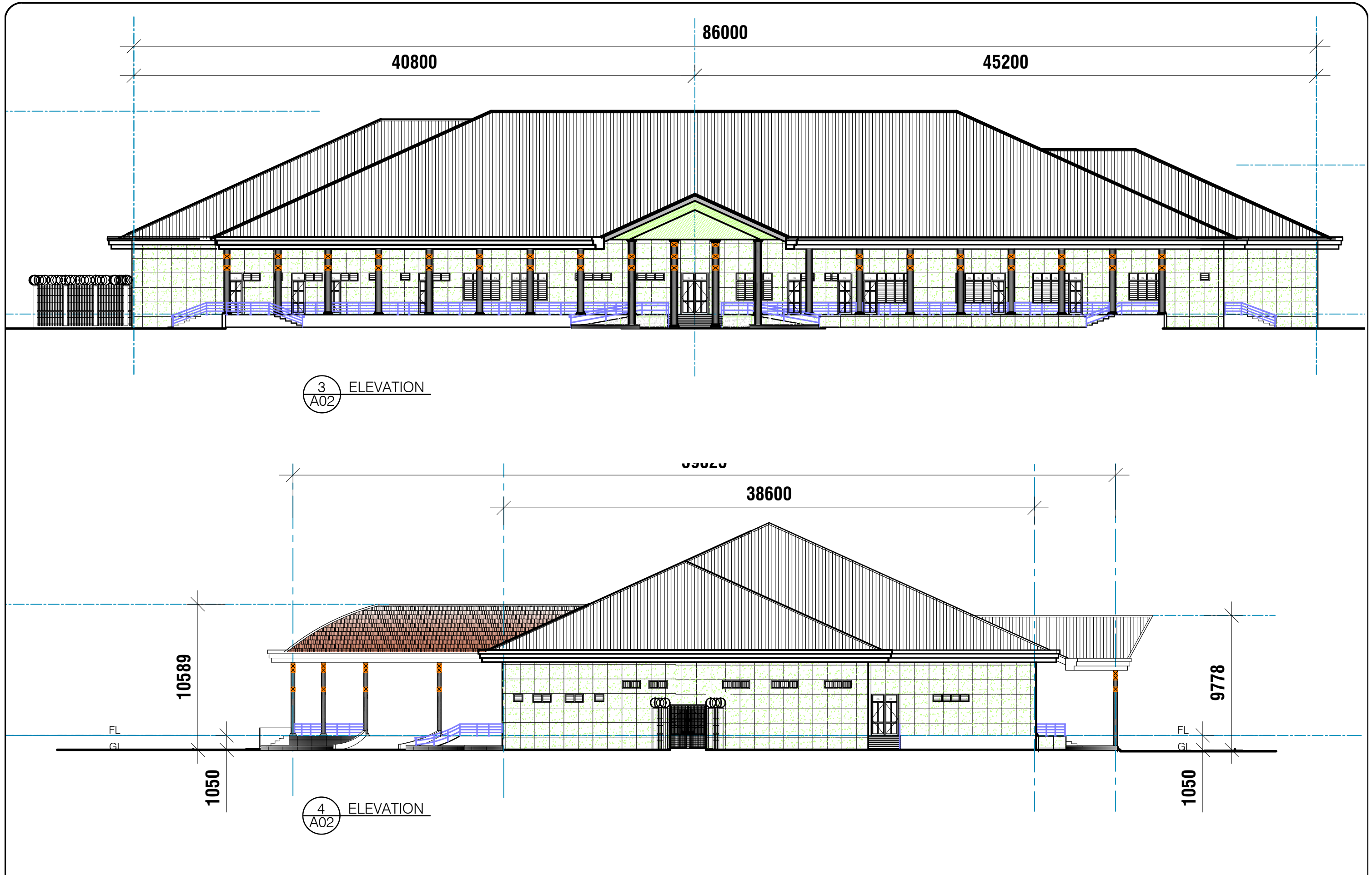


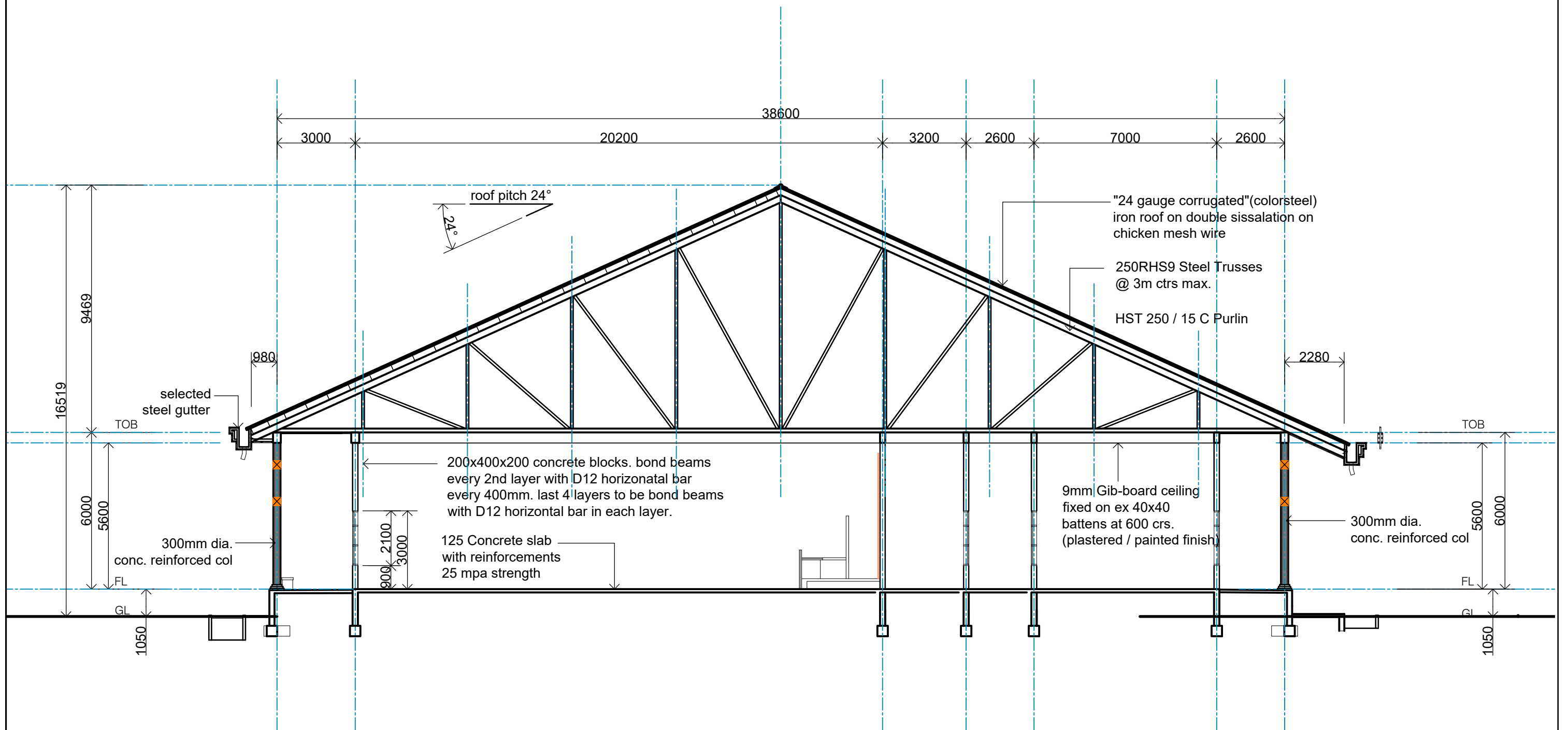












ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

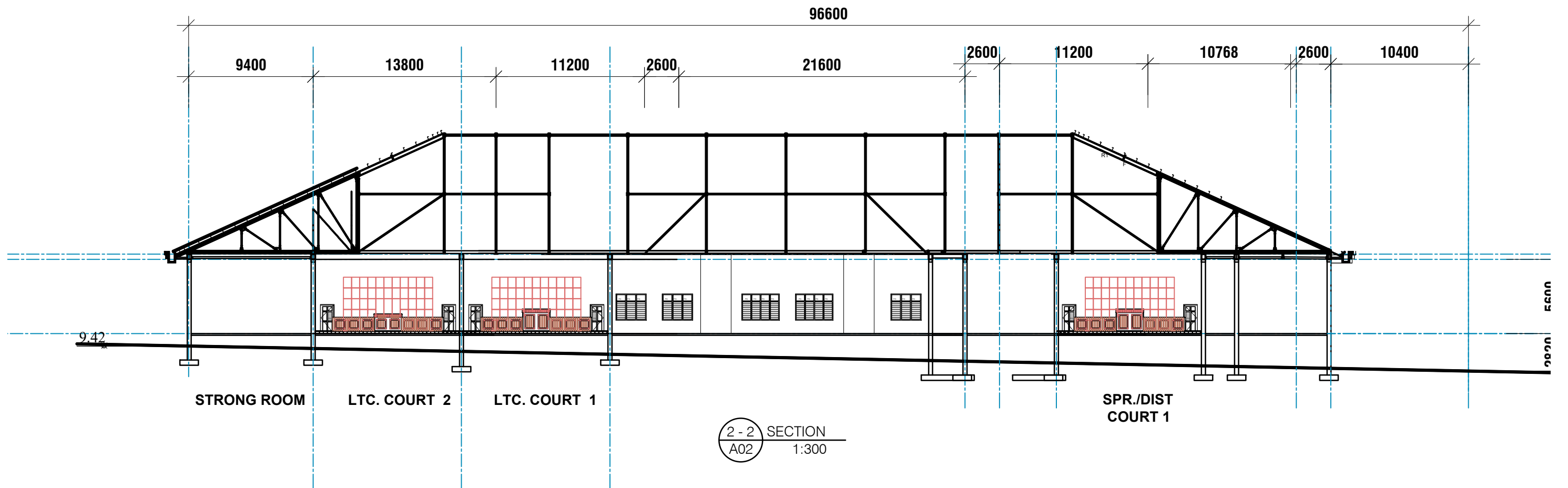
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

TYP. SECTION 1 - 1

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | VS | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:150 (A3) | SHEET No: | A10 |



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

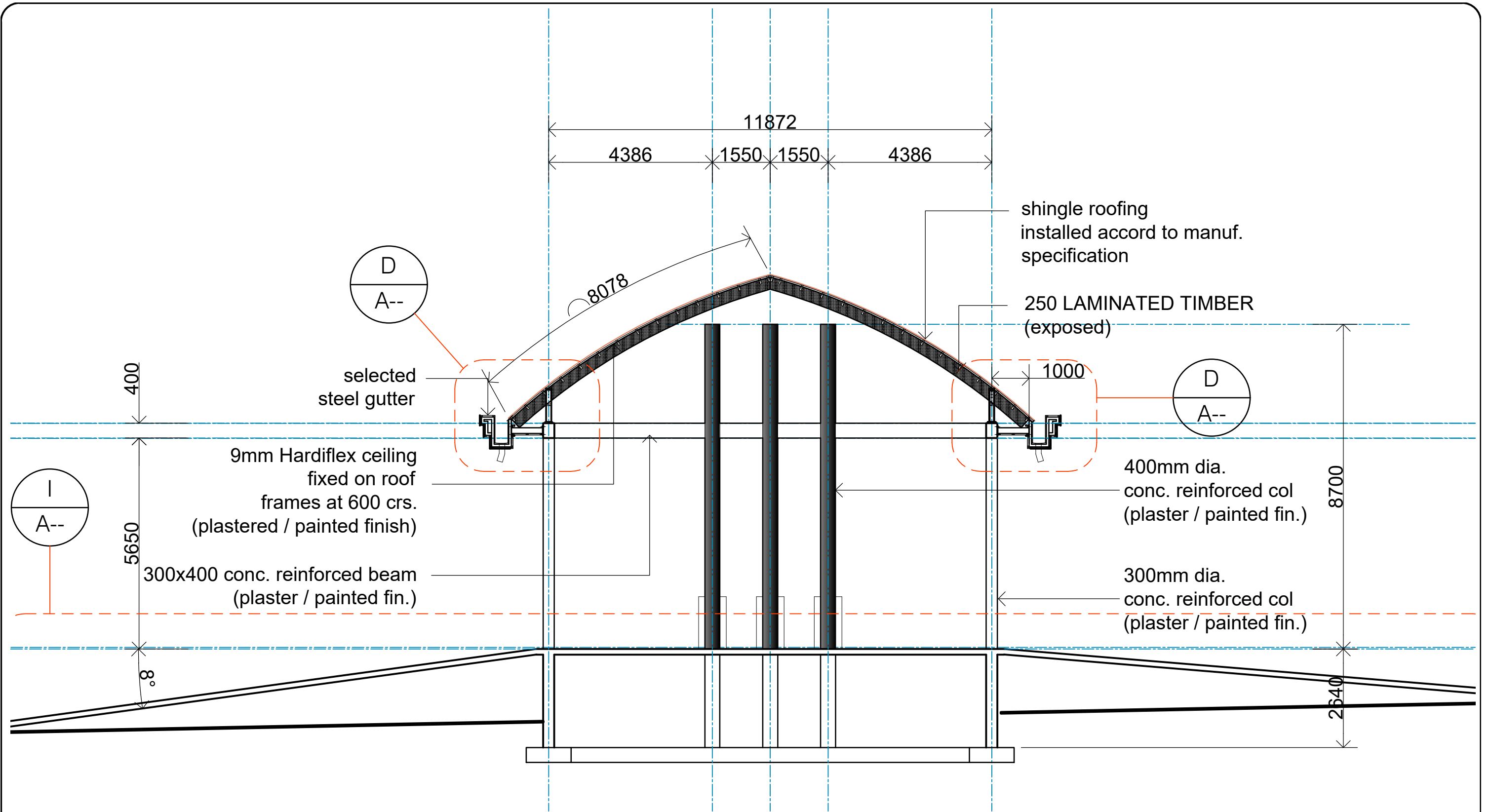


DRAWING TITLE:

SECTION 2 - 2

| | |
|-----------|------------|
| DESIGNED: | VeS |
| DRAWN: | VeS |
| CHECKED: | V/S |
| SCALE: | 1:300 (A3) |

| | |
|---------------|-------------|
| DATE: | 02.02. 2024 |
| DATE: | 02.02. 2024 |
| PRINT ISSUED: | 02.02. 2024 |
| SHEET No: | A11 |



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

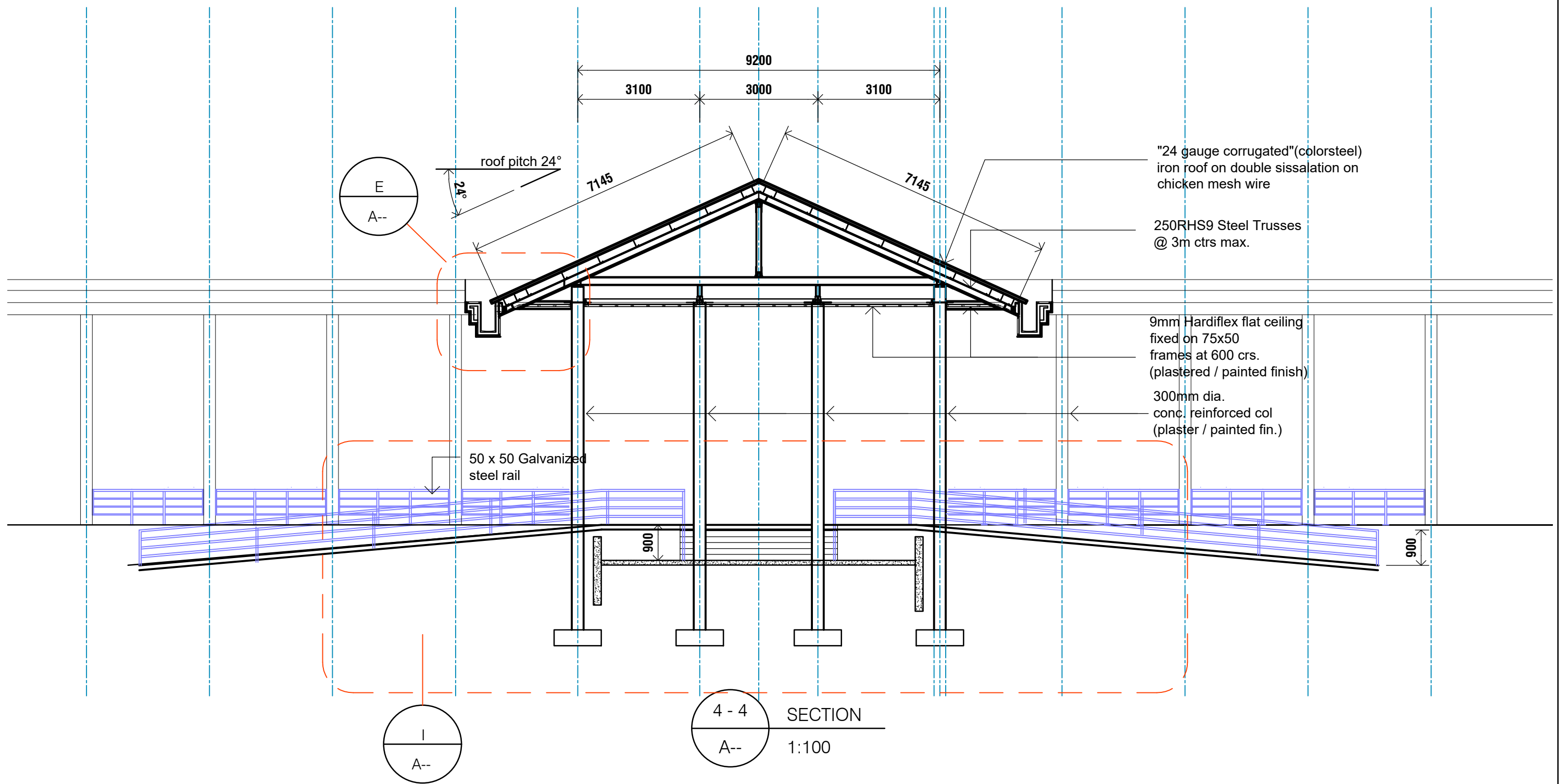
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

SECTION 3 - 3

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:100 (A3) | SHEET No: | A12 |



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

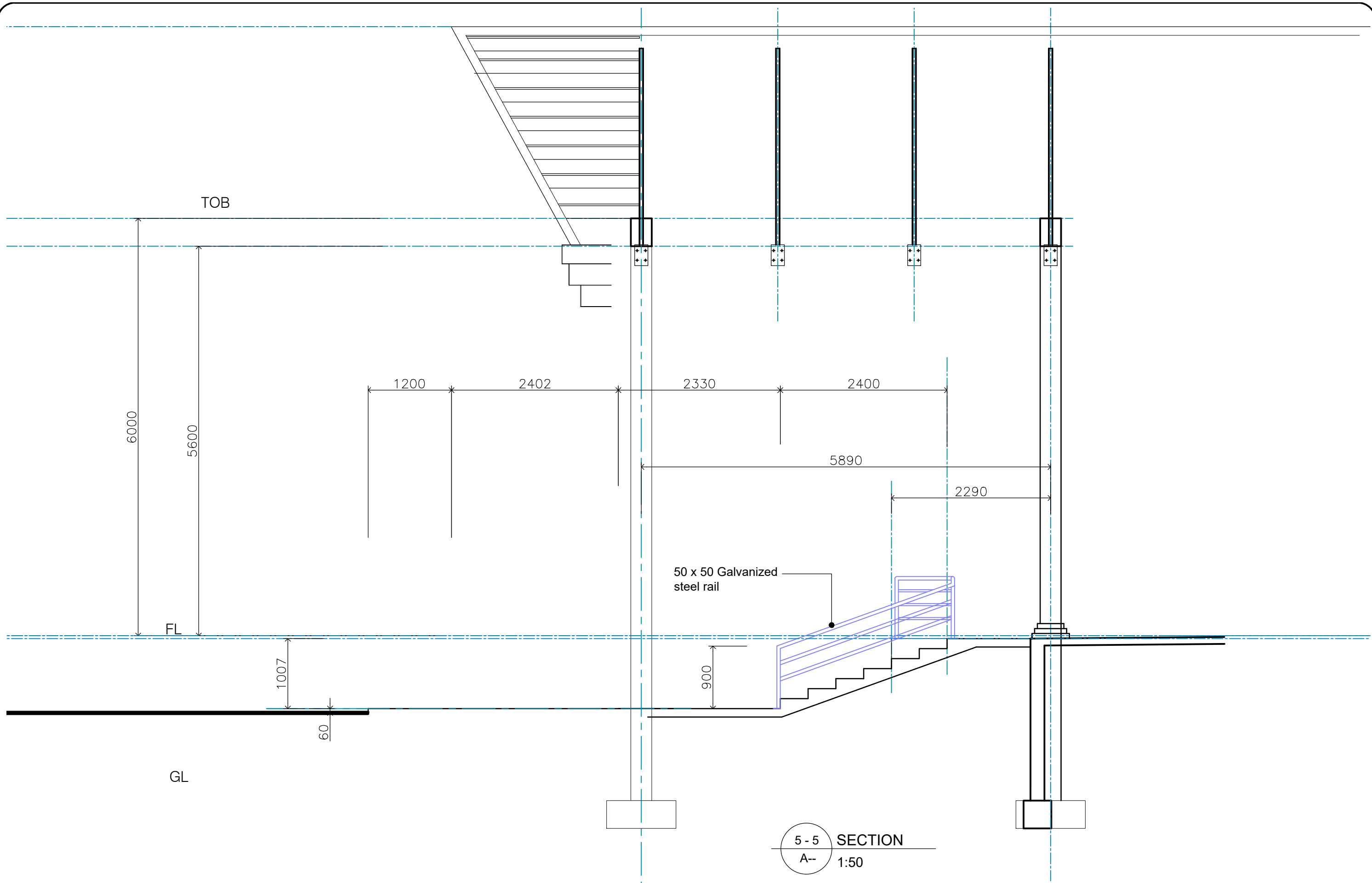
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

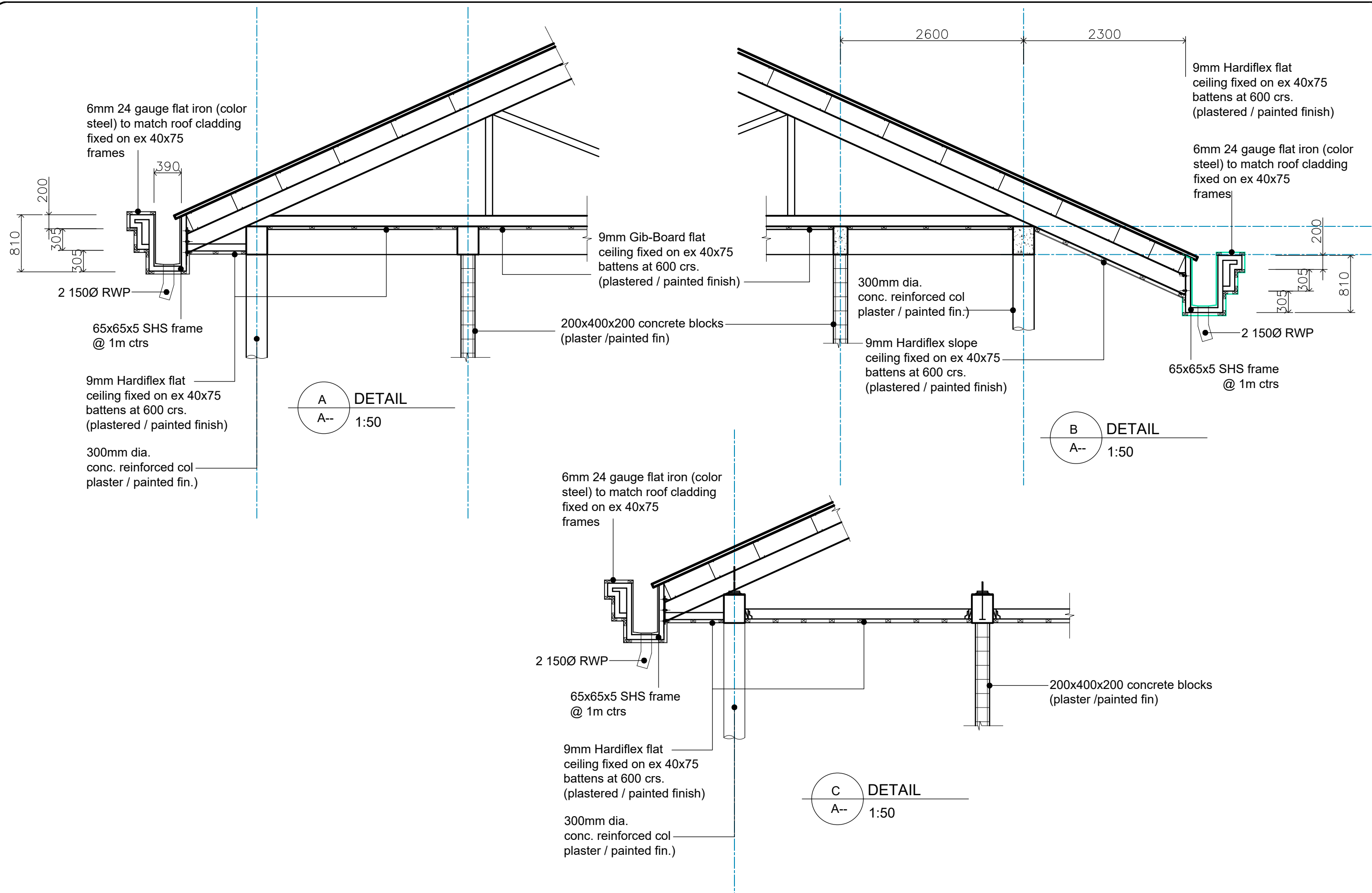


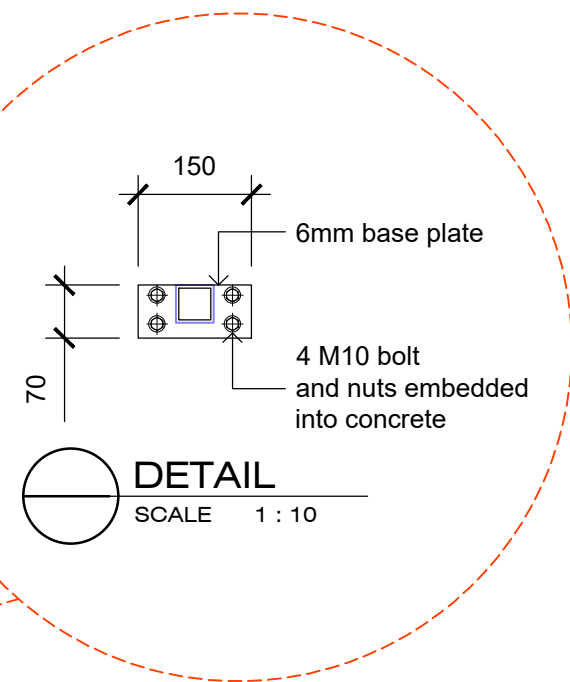
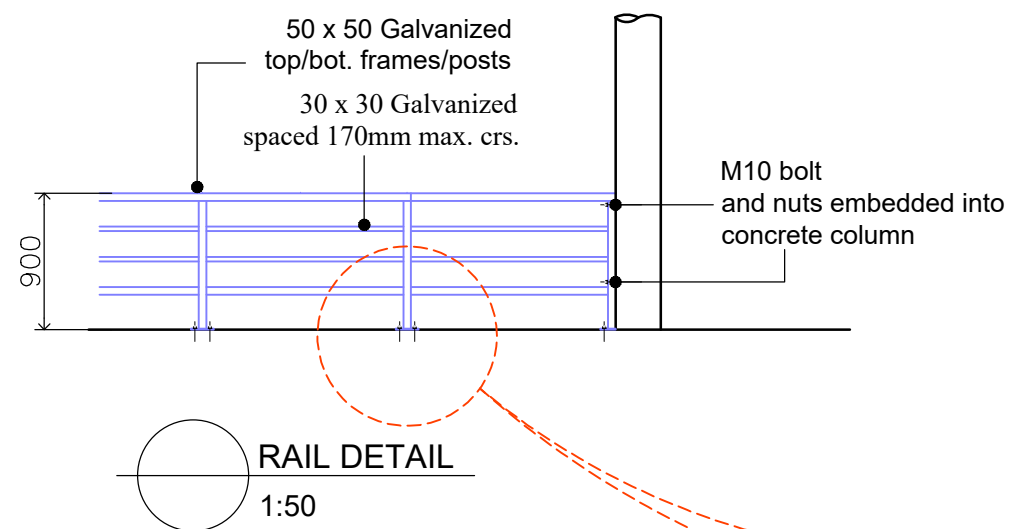
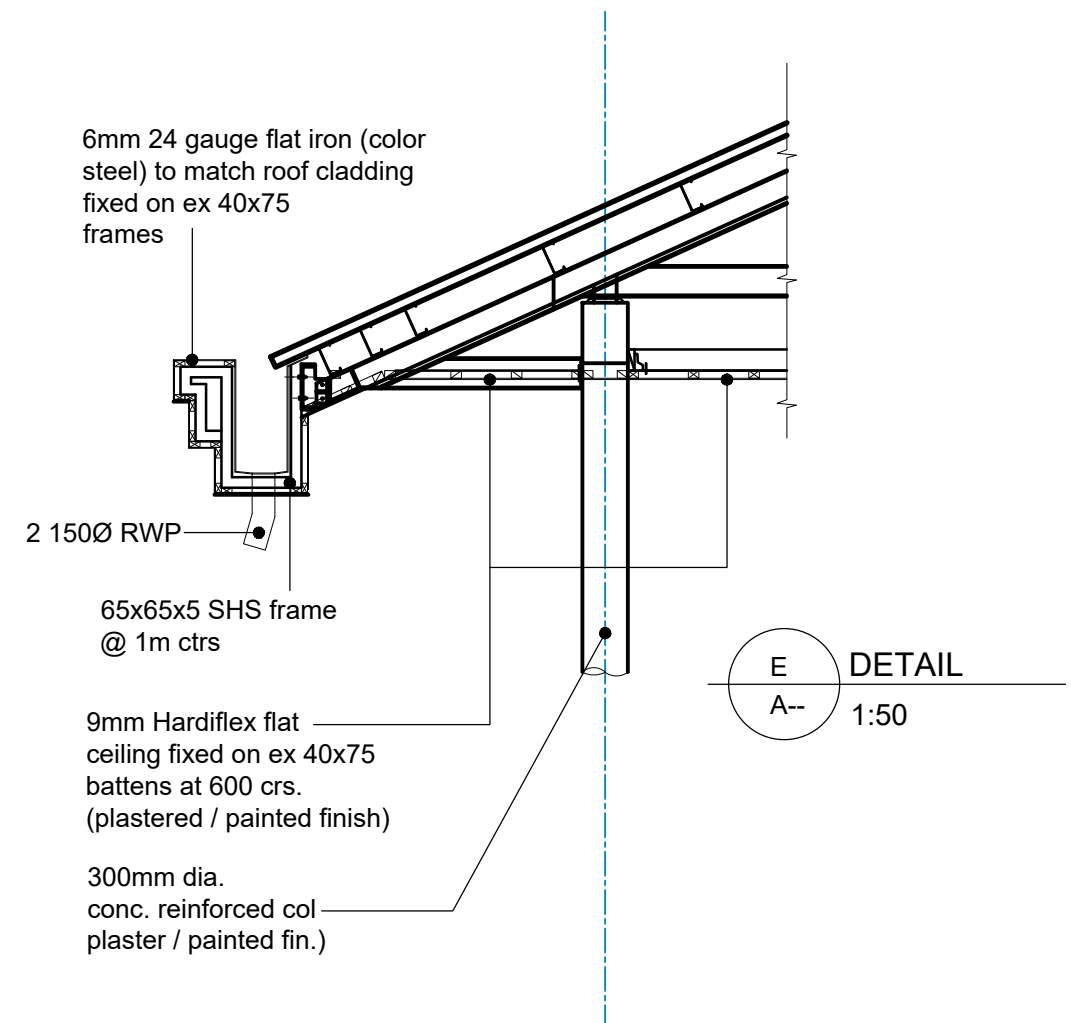
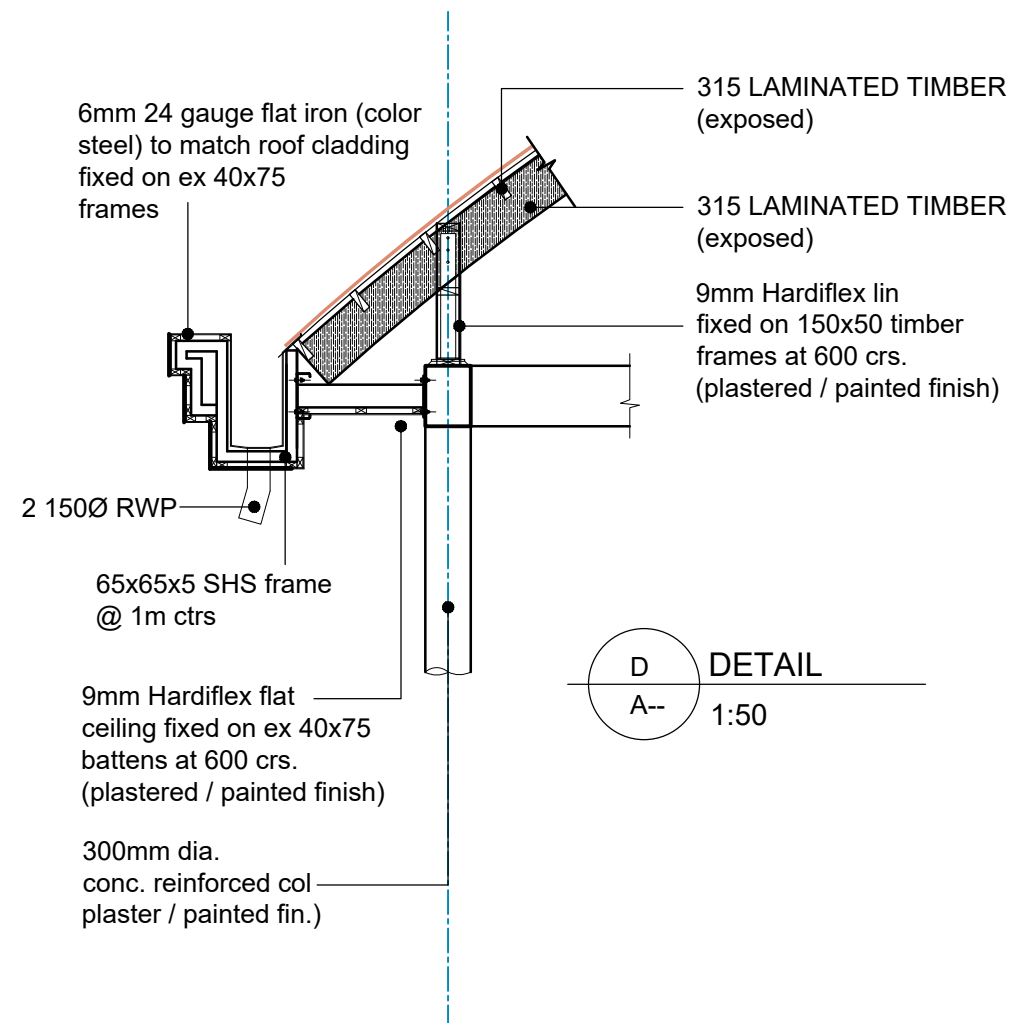
DRAWING TITLE:

SECTION 4 - 4

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:100 (A3) | SHEET No: | A13 |







ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

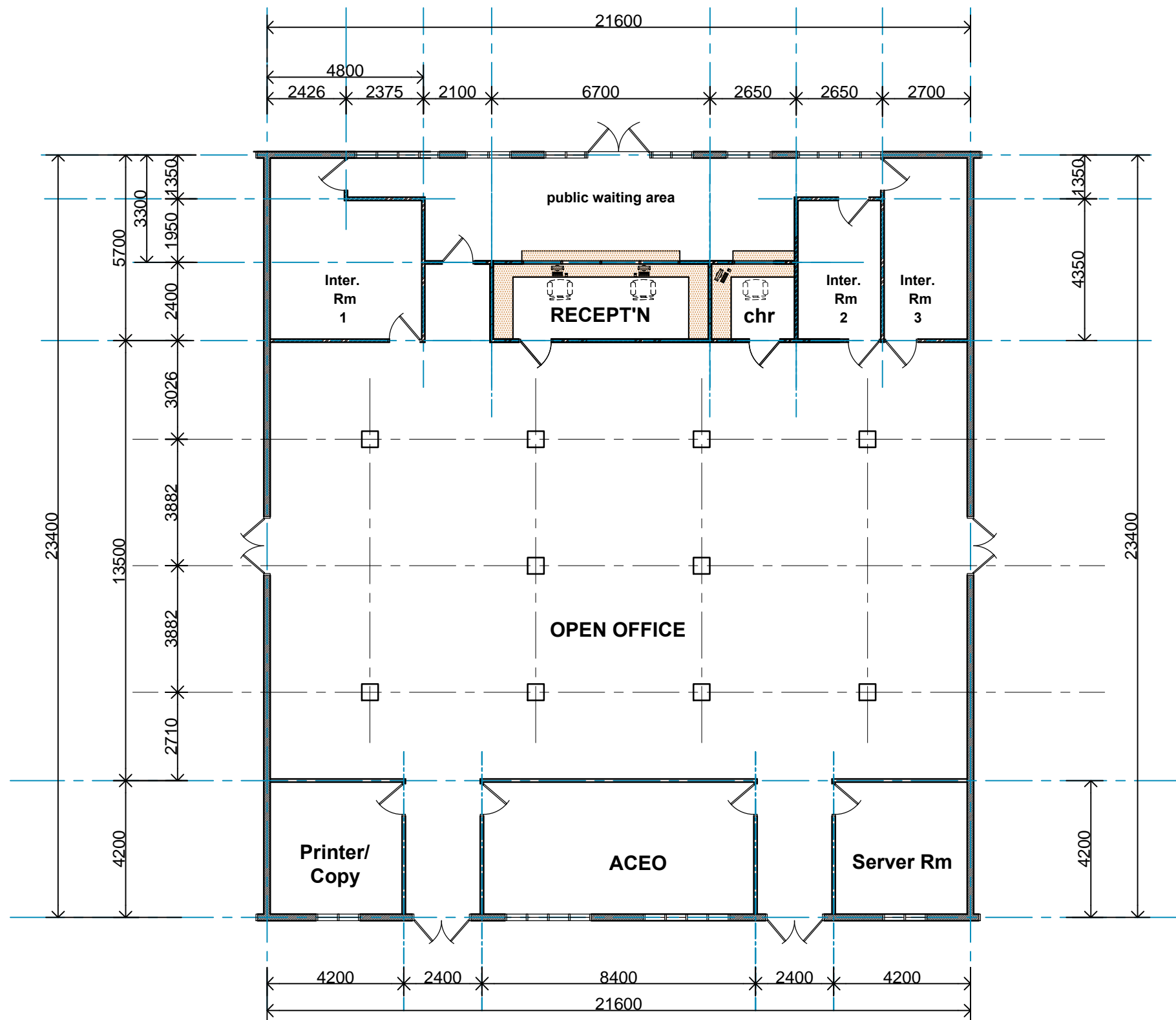
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

CONSTRUCTION DETAILS

| | | | |
|-----------|----------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:10;1:50 (A3) | SHEET No: | A16 |



ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

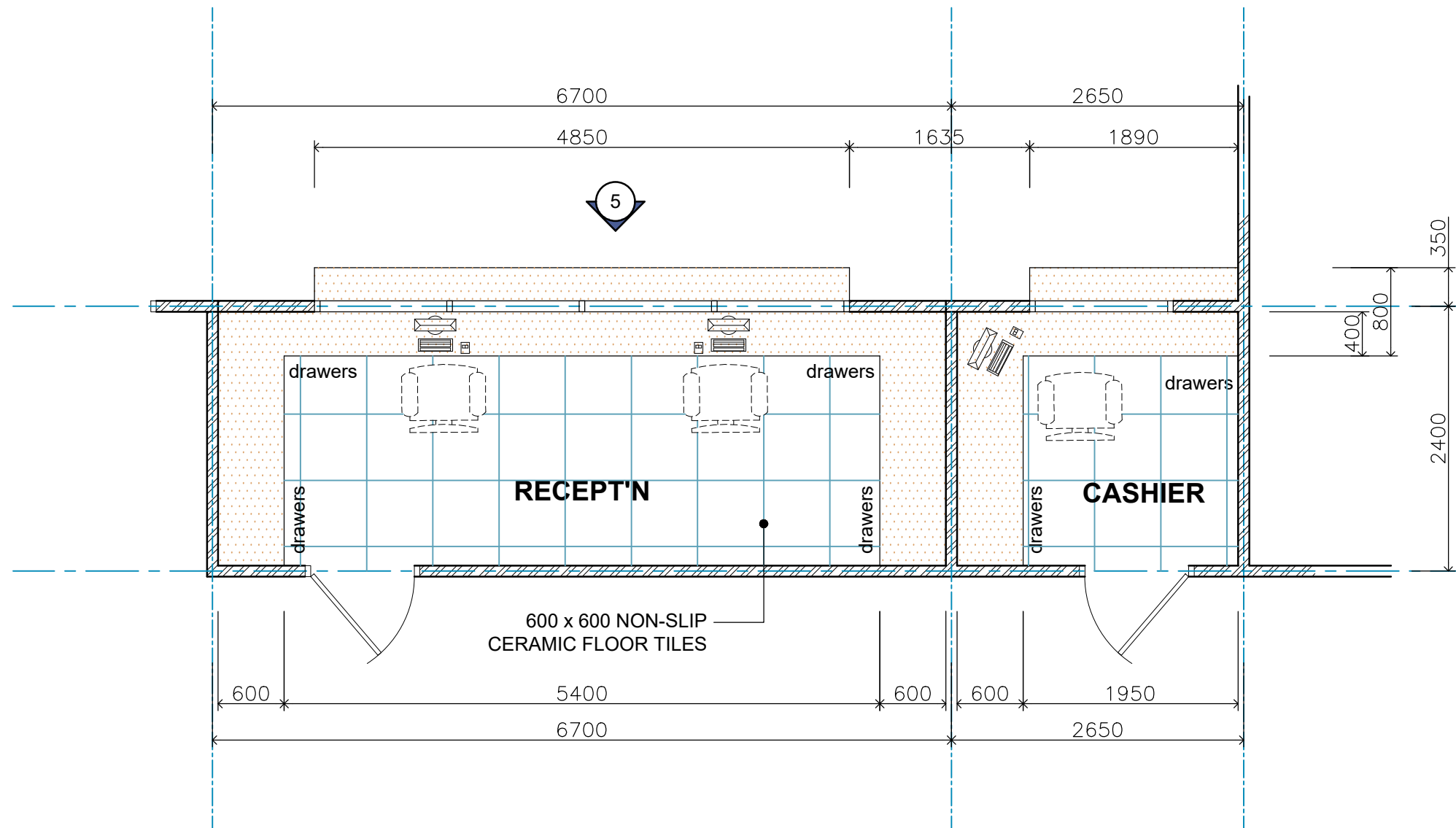


DRAWING TITLE:

**OPEN OFFICE
LAYOUT PLAN DETAIL**

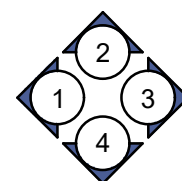
| | | | |
|-----------|------------|---------------|---------------|
| DESIGNED: | VeS | DATE: | 25th.11. 2022 |
| DRAWN: | VeS | DATE: | 25th.11. 2022 |
| CHECKED: | VS | PRINT ISSUED: | 25th.11. 2022 |
| SCALE: | 1:150 (A3) | SHEET No: | A20 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



rec
A05

DETAIL PLAN
1:50



INTERNAL ELEVATIONS

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

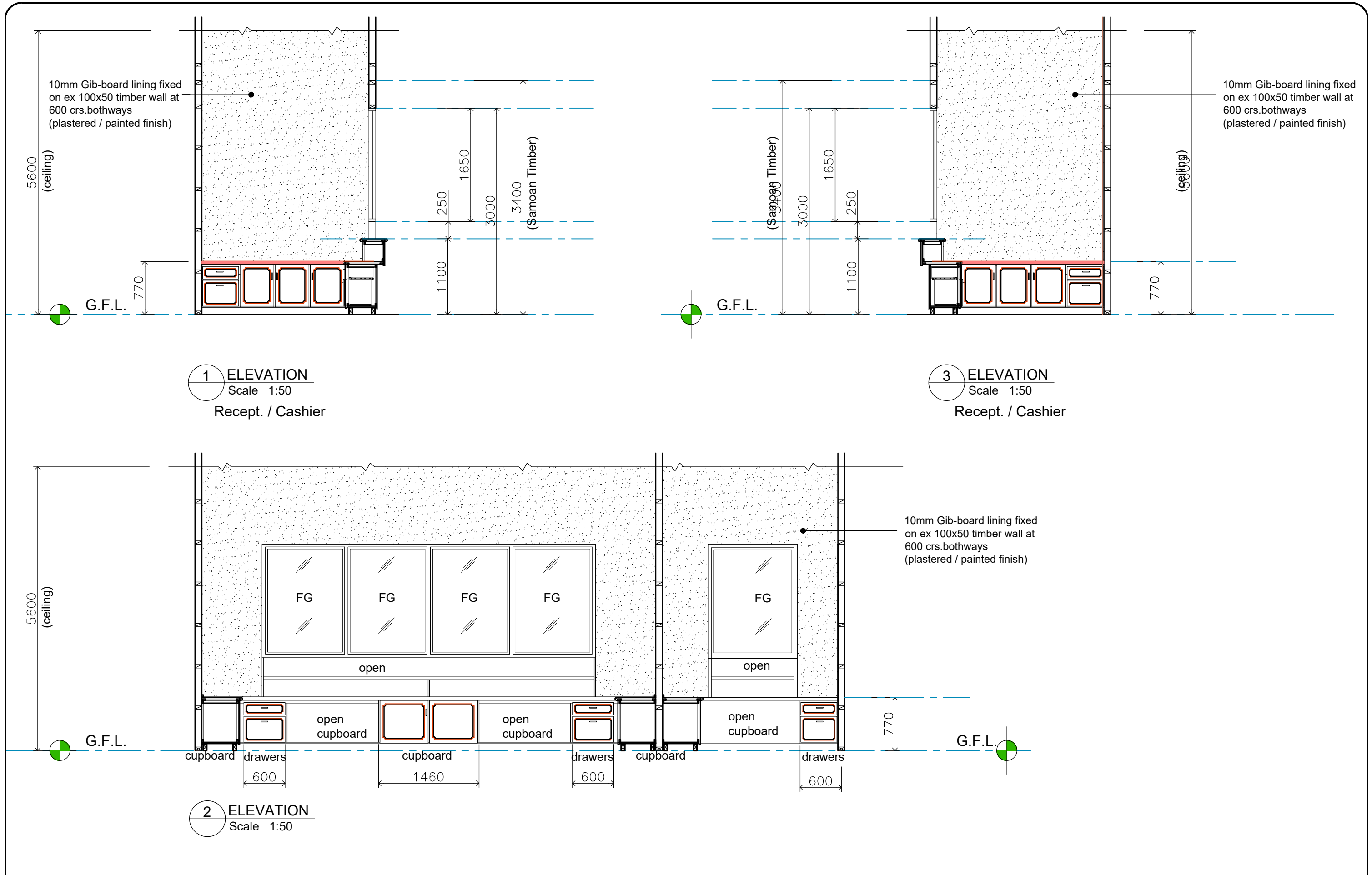
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

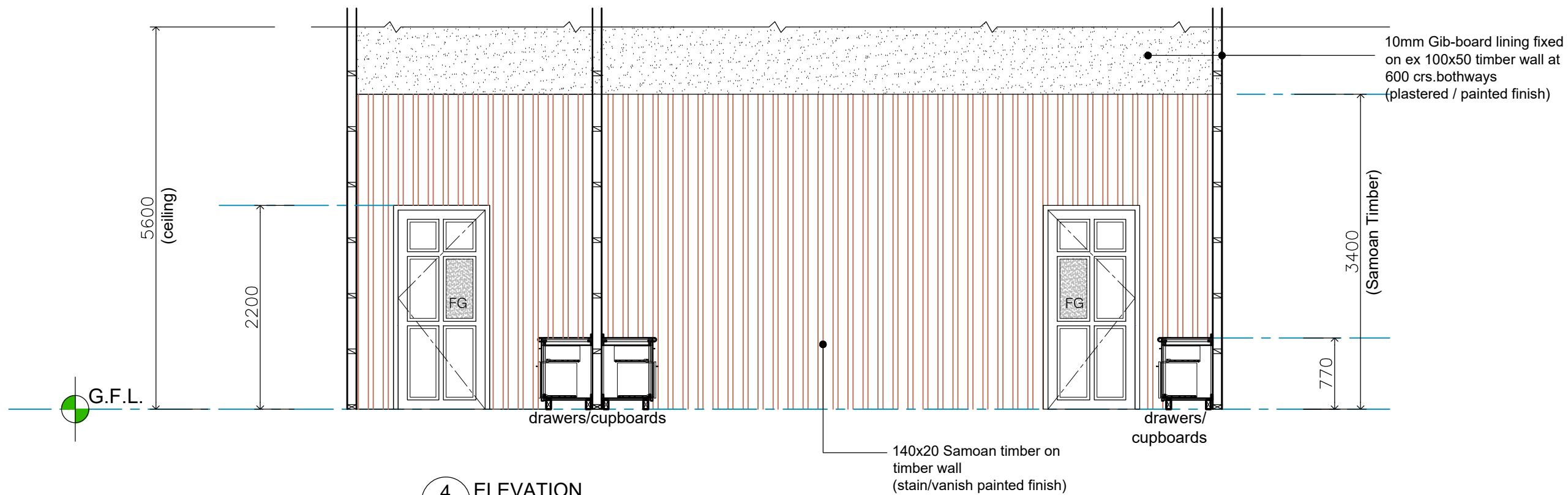


DRAWING TITLE:

**RECEP'T'N / CASHIER
FLOOR PLAN DETAIL**

| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:50 (A3) | SHEET No: | A21 |





4 ELEVATION
Scale 1:50
Recept. / Cashier

Properties Reception Desk Properties Office
Desk Product/TypeCarter holt Harvey PlyH3 with
A and B Hoop Pine facing or equally an approved
product.Product/Type Carter holt Harvey Ply H3
with A and B Hoop Pine facing or equally an
approved product.Materia l800mm wide x 25mm
thk Material 25mm thk .Colour Clear finish to tops
and Matt Black to Side, rear and backing panels
including drawers Colour Clear Finish to tops
Support Allow for end panels and backing panel.
To be screw fixed together using Haffele
fastening systems Support Low wall - 1000mm
high walls with 100x50 @600crs stud framing
with 12mm A/B plywood screw fixed to all sides.
Set frames 50mm back from front edge of the
tops.

Silicone seal around the edges.Accessories
Allow to build in drawer unit with 2 drawers using
Blum runners, handles and locks. Allow for desk
cut outs for
service reticulation.AccessoriesTops to have cut
outs for data systems. Allow for additional cut
outs to access power and data reticulated below
bench.Edging Allow for 2mm black ABS edging
Edging Allow for 2mm black ABS edging

ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

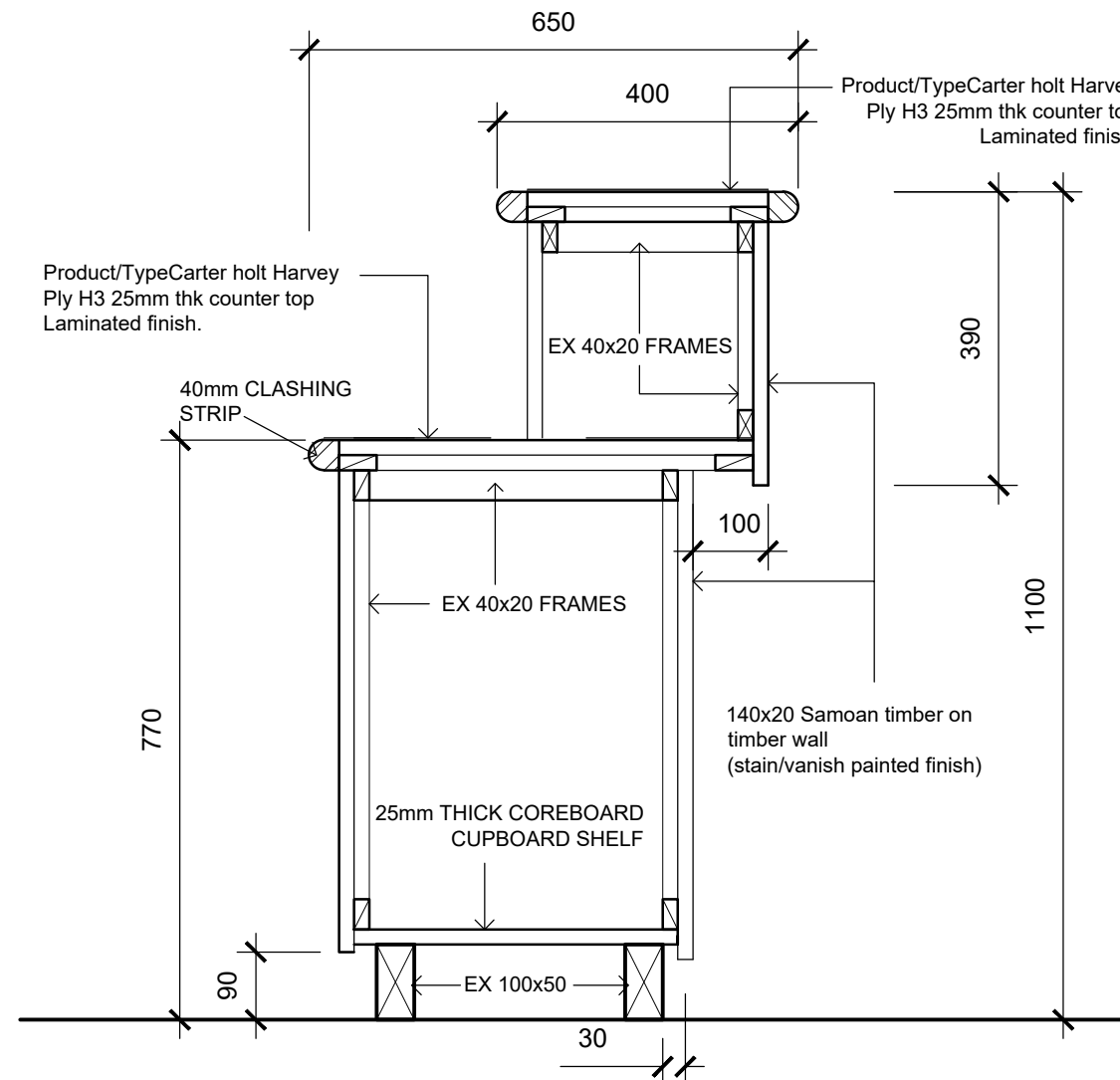


DRAWING TITLE:

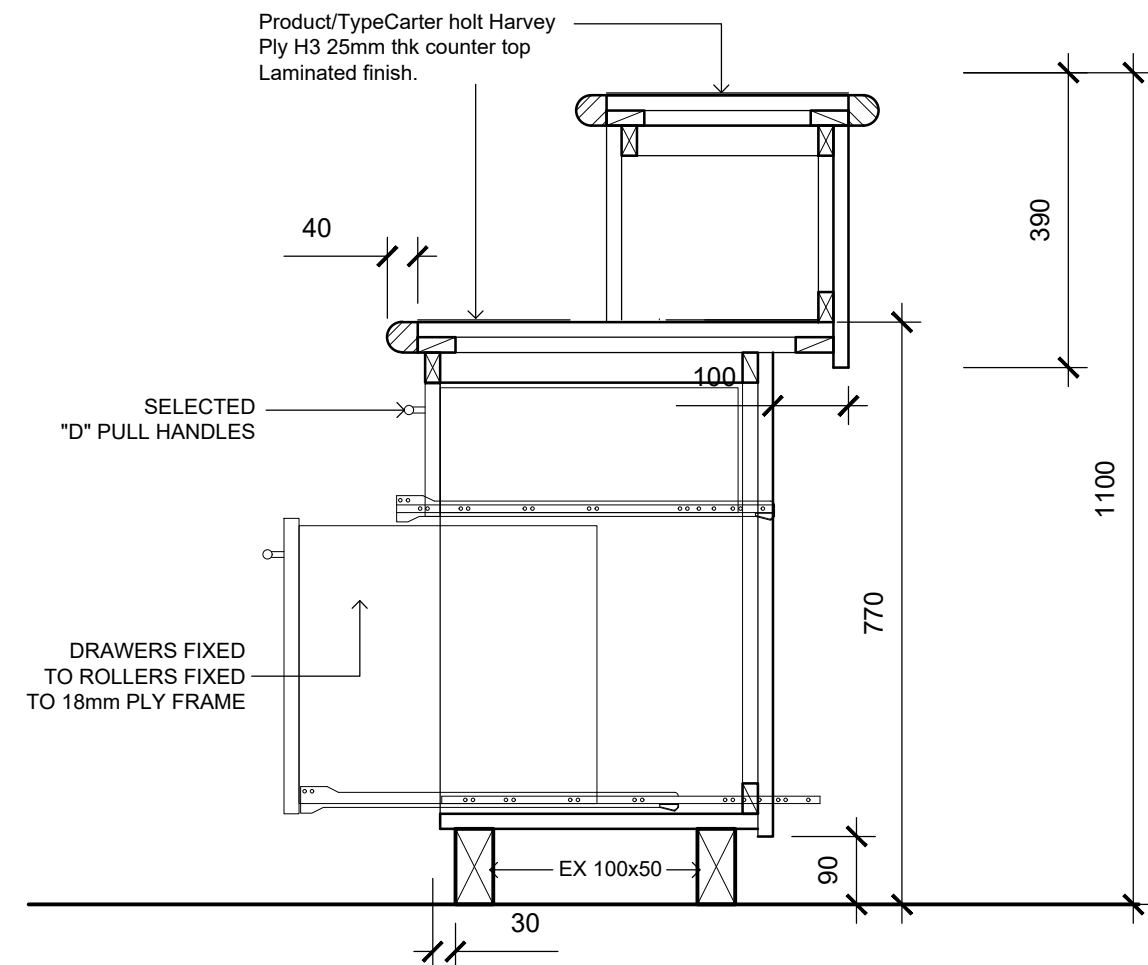
RECEPT'N / CASHIER
ELEVATION 5 DETAIL

| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:50 (A3) | SHEET No: | A23 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



a SECTION THRU COUNTER (TYP)
(SHOWING OPEN CUPBOARDS) SCALE 1:10



b SECTION THRU COUNTER (TYP)
(SHOWING DRAWERS) SCALE 1:10

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

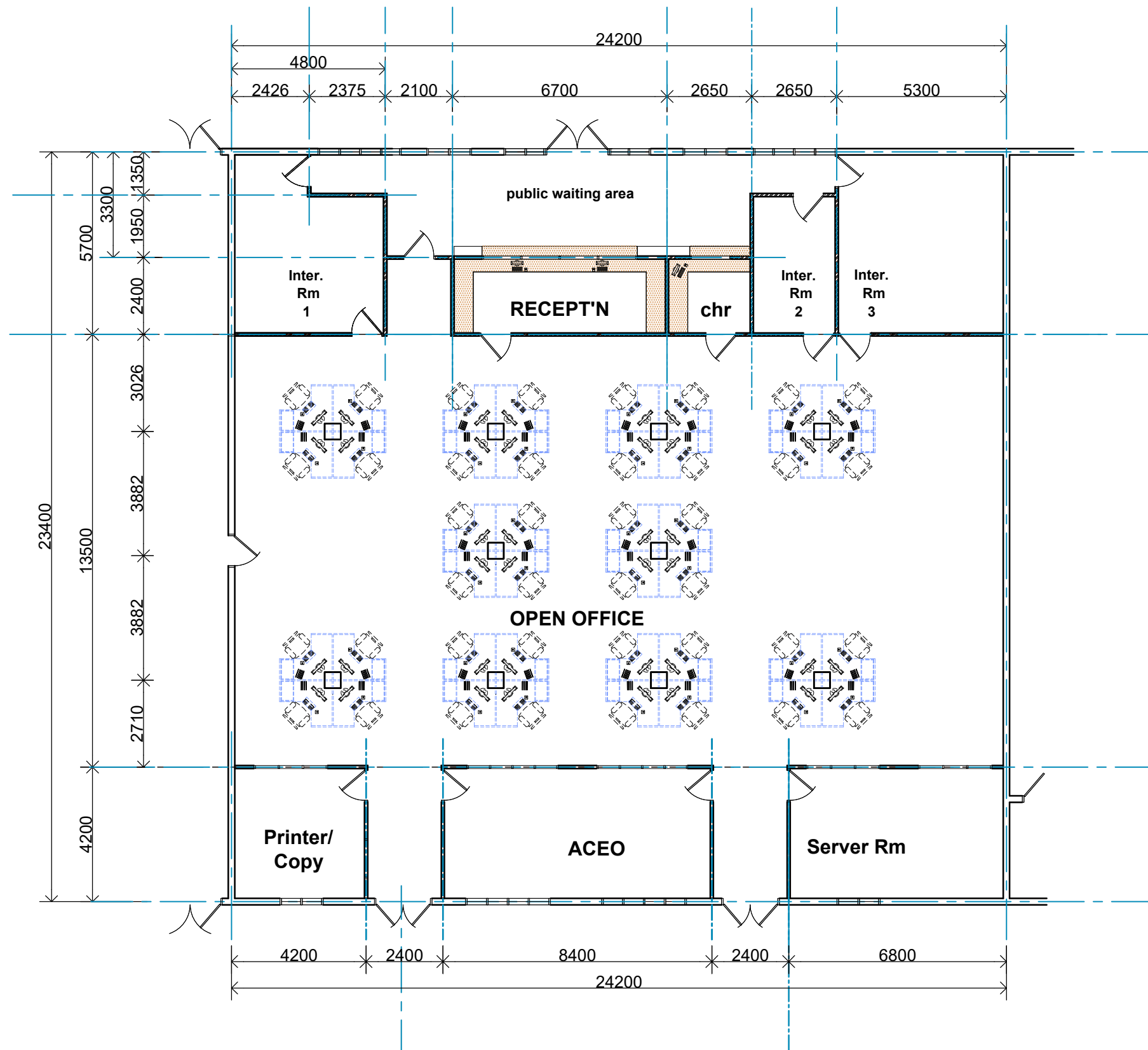
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

RECEPT'N / CASHIER
DETAIL

| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:50 (A3) | SHEET No: | A24 |



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



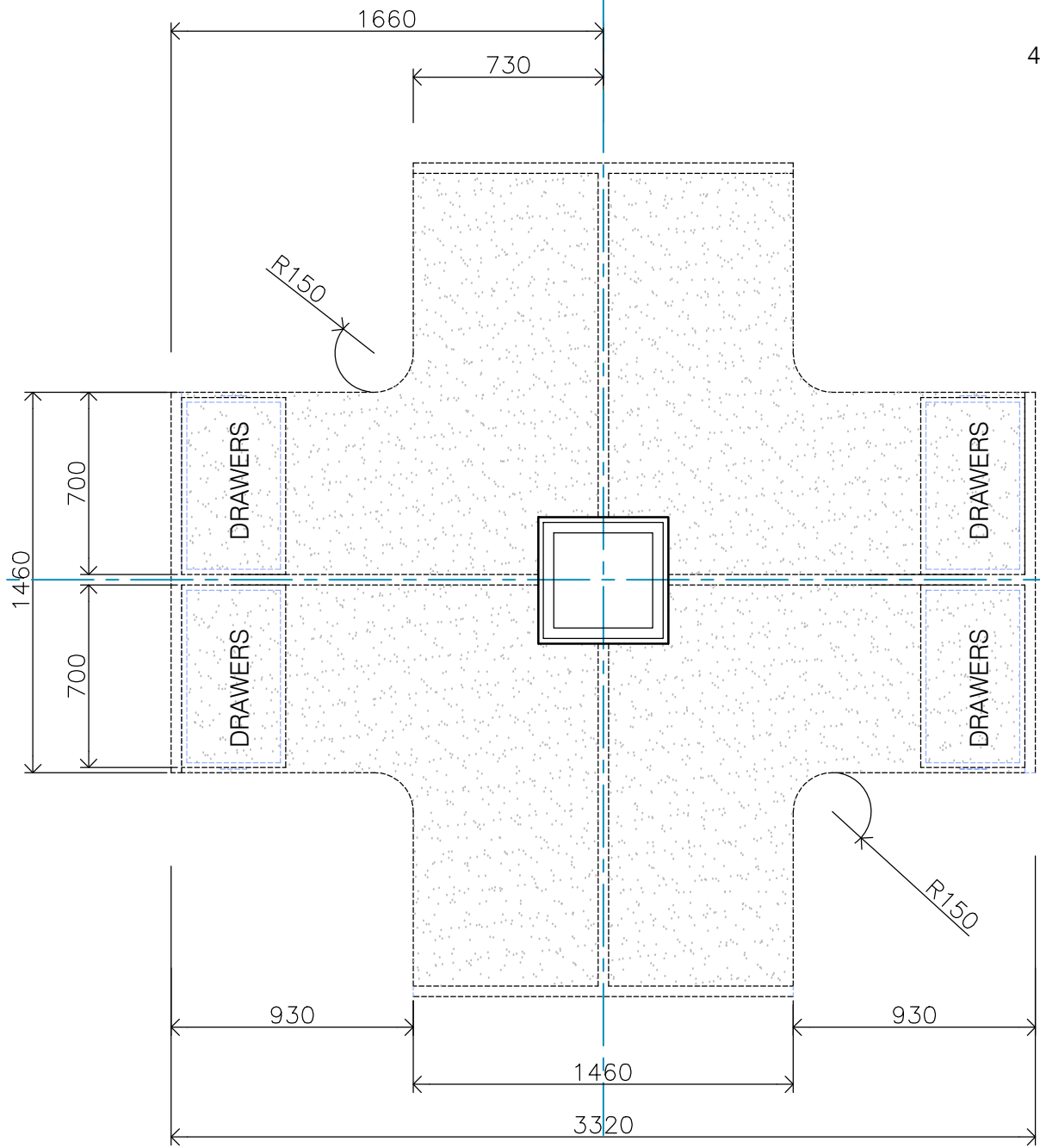
DRAWING TITLE:

**OPEN OFFICE
LAYOUT PLAN DETAIL**

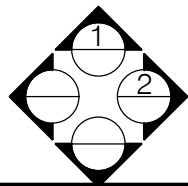
| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | VS | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:150 (A3) | SHEET No: | A26 |

WSTN (OFFICE WORKSTATION)

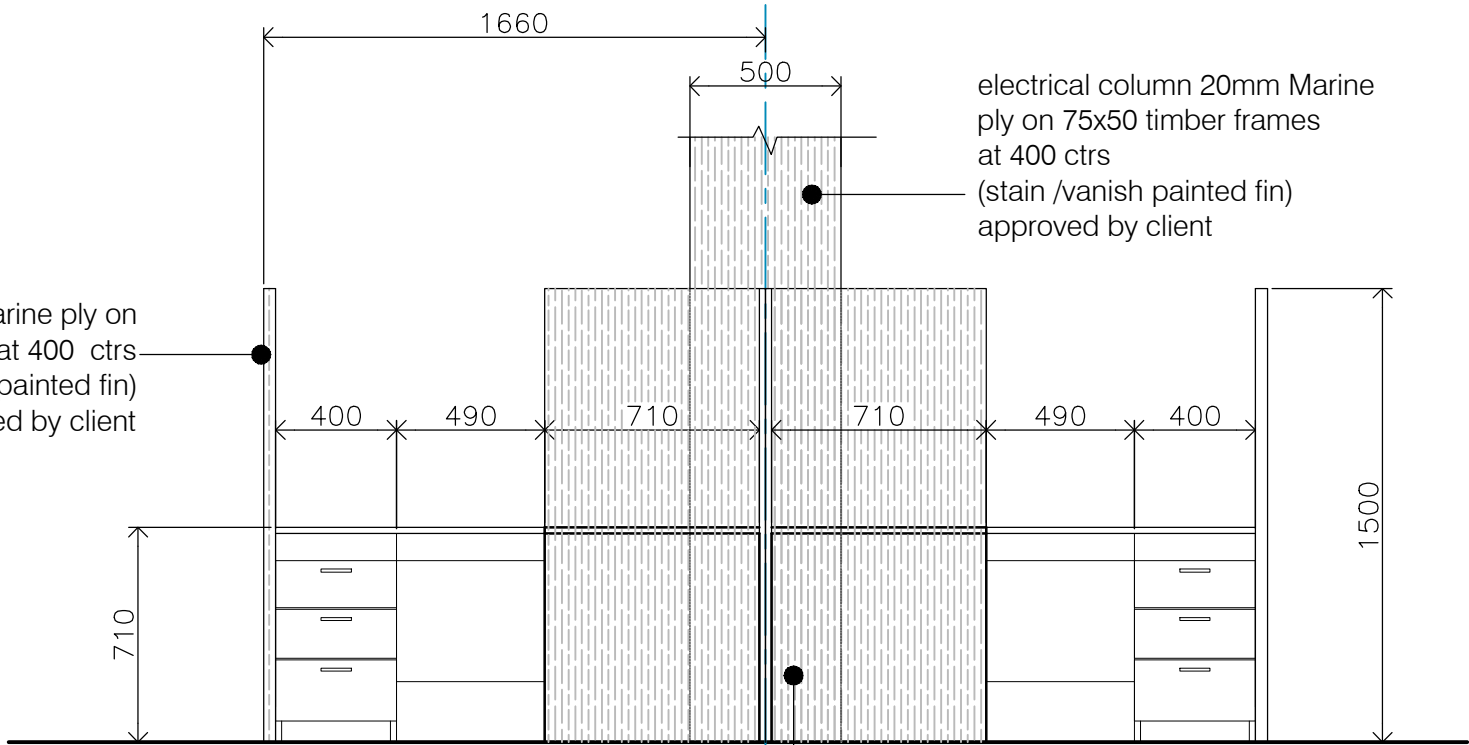
- Top to be 30mm particleboard core with high pressure laminate to top and LP to bottom. Top finish to be Formica Warm White velvet. Clashing to be impact resistant plastic or as approved by client.



1 GENERAL OFFICE DESK
1:25

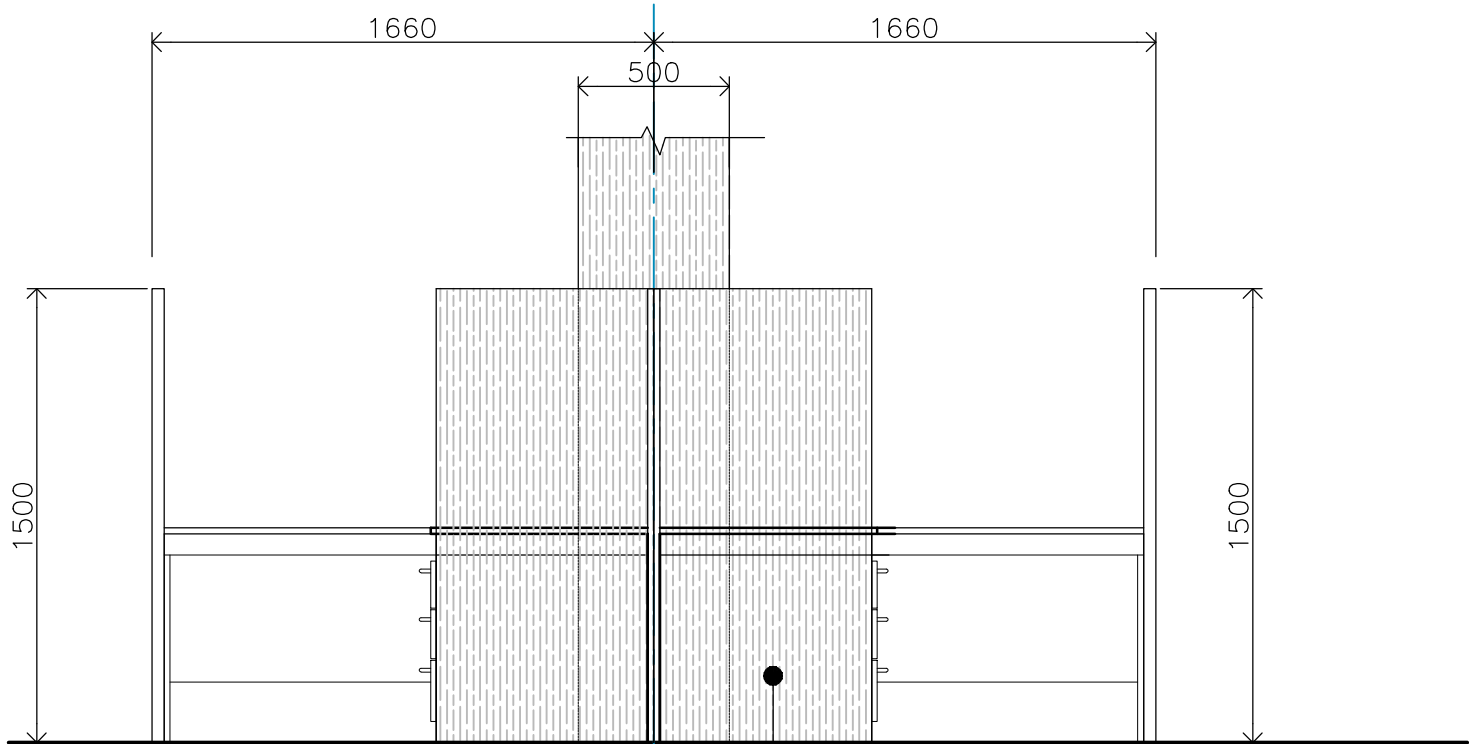


Partition 20mm Marine ply on 40x40 timber frames at 400 ctrs (stain /vanish painted fin) approved by client



1 GENERAL OFFICE ELEVATION
1:25

electrical column 20mm Marine ply on 75x50 timber frames at 400 ctrs (stain /vanish painted fin) approved by client



2 GENERAL OFFICE ELEVATION
1:25

Partition 20mm Marine ply on 40x40 timber frames at 400 ctrs (stain /vanish painted fin) approved by client

Partition 20mm Marine ply on 40x40 timber frames at 400 ctrs (stain /vanish painted fin) approved by client

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

OPEN OFFICE DETAILS
General Office Desk

DESIGNED:

VeS

DRAWN:

VeS

CHECKED:

VS

SCALE:

1:25 (A3)

DATE:

02.02. 2024

DATE:

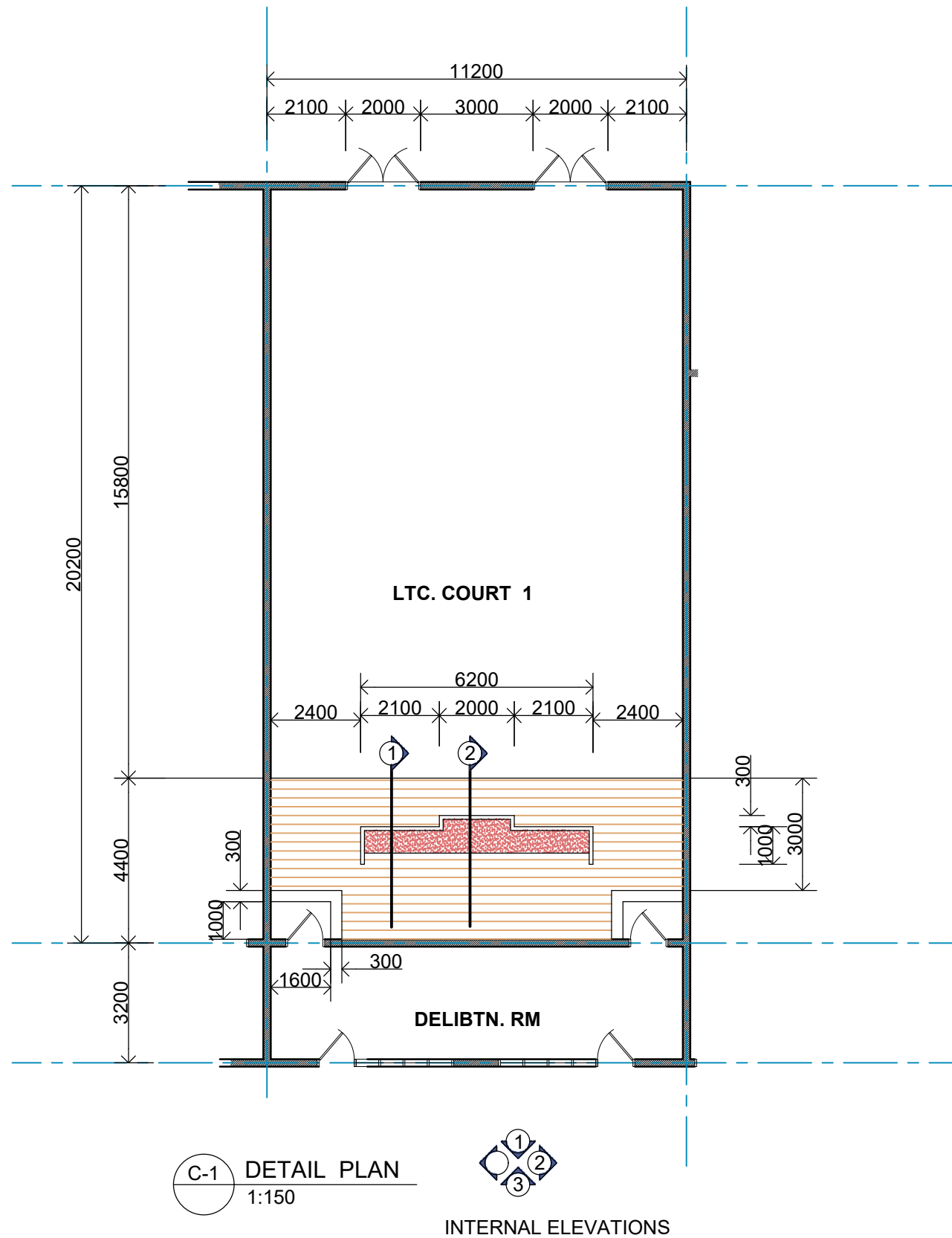
02.02. 2024

PRINT ISSUED:

02.02. 2024

SHEET No:

A26a



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

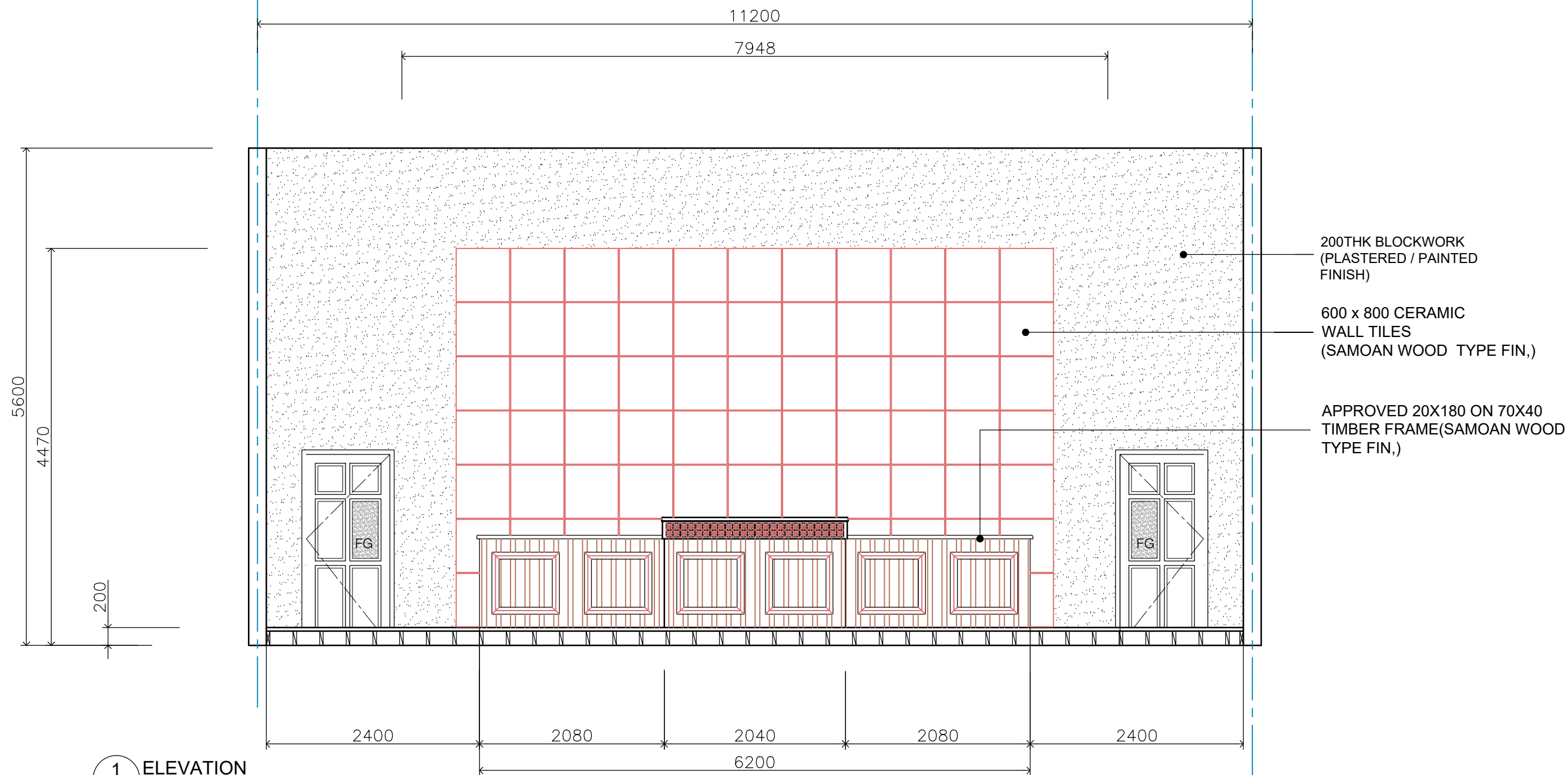
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

LTC COURT 1 PLAN LAYOUT

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:150 (A3) | SHEET No: | A27 |



1 ELEVATION
Scale 1:50
LTC. COURT 2

ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

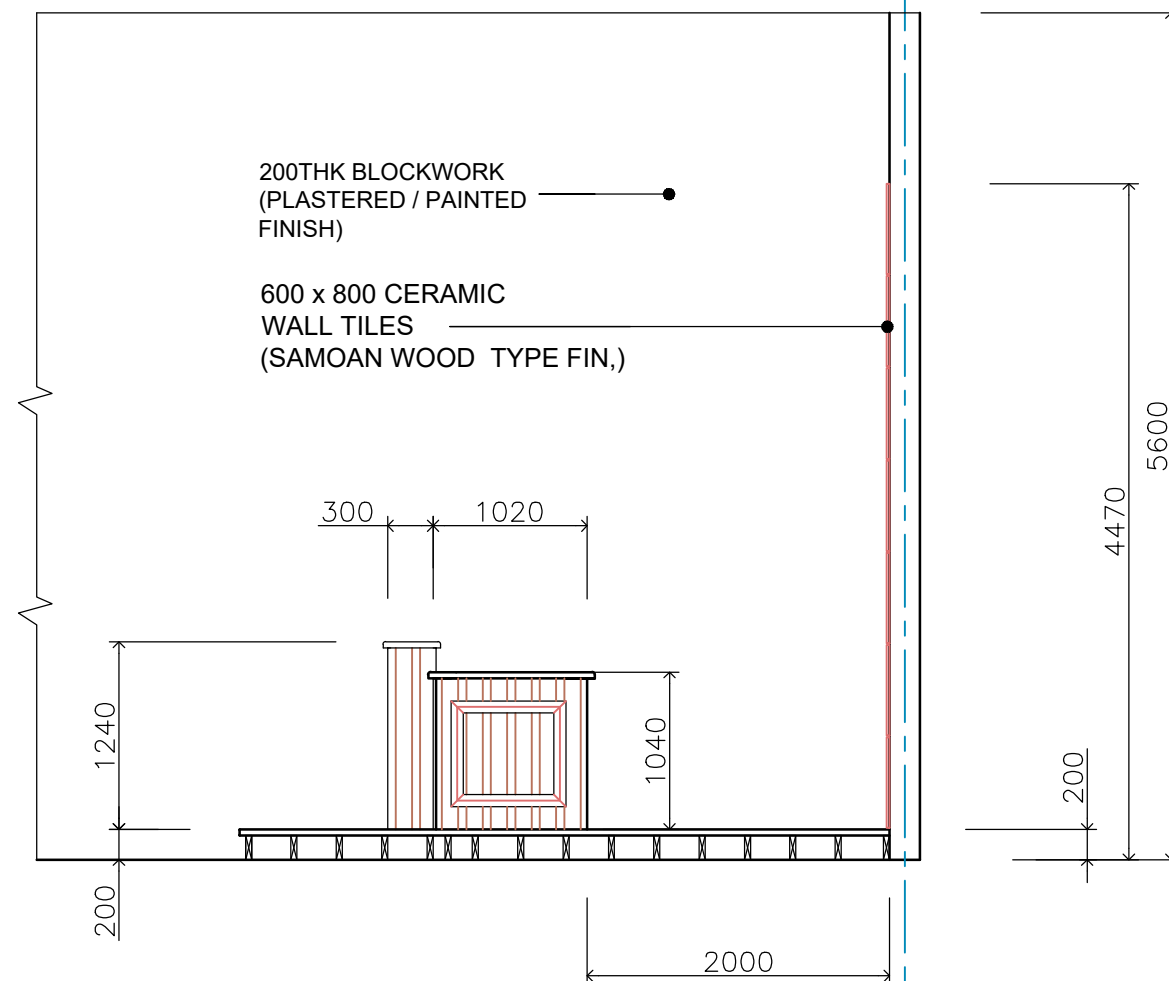


DRAWING TITLE:

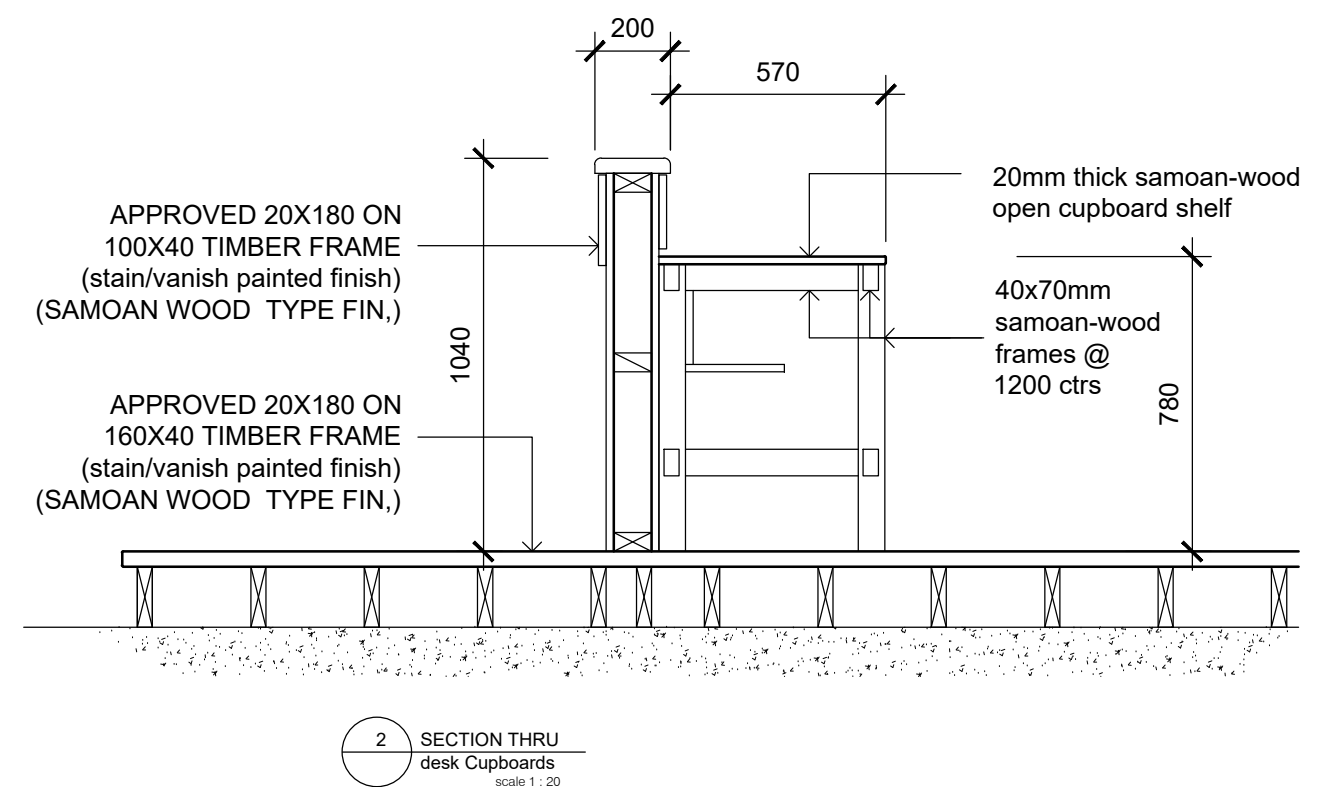
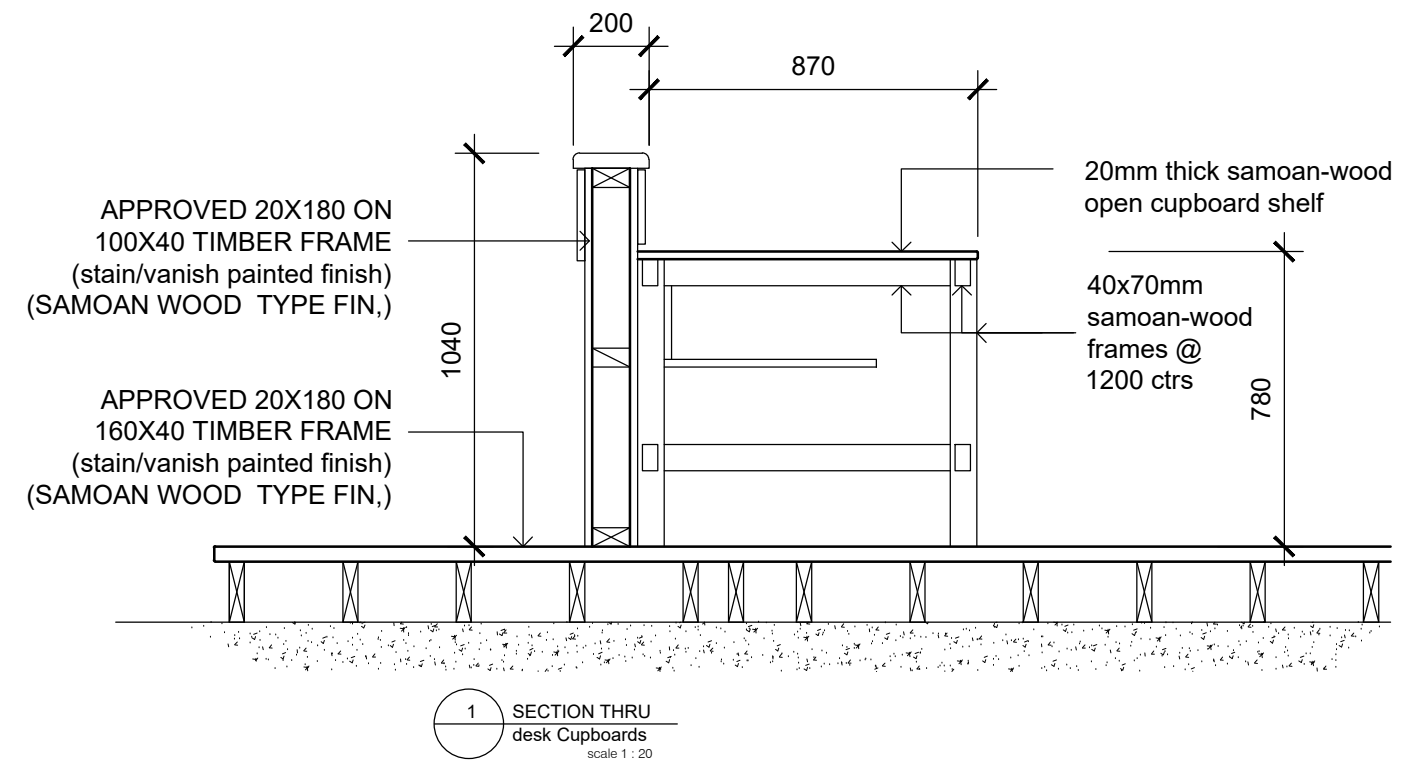
LTC COURT 1
ELEVATION 1

| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:50 (A3) | SHEET No: | A28 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



2 ELEVATION
Scale 1:50
LTC. COURT 2



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

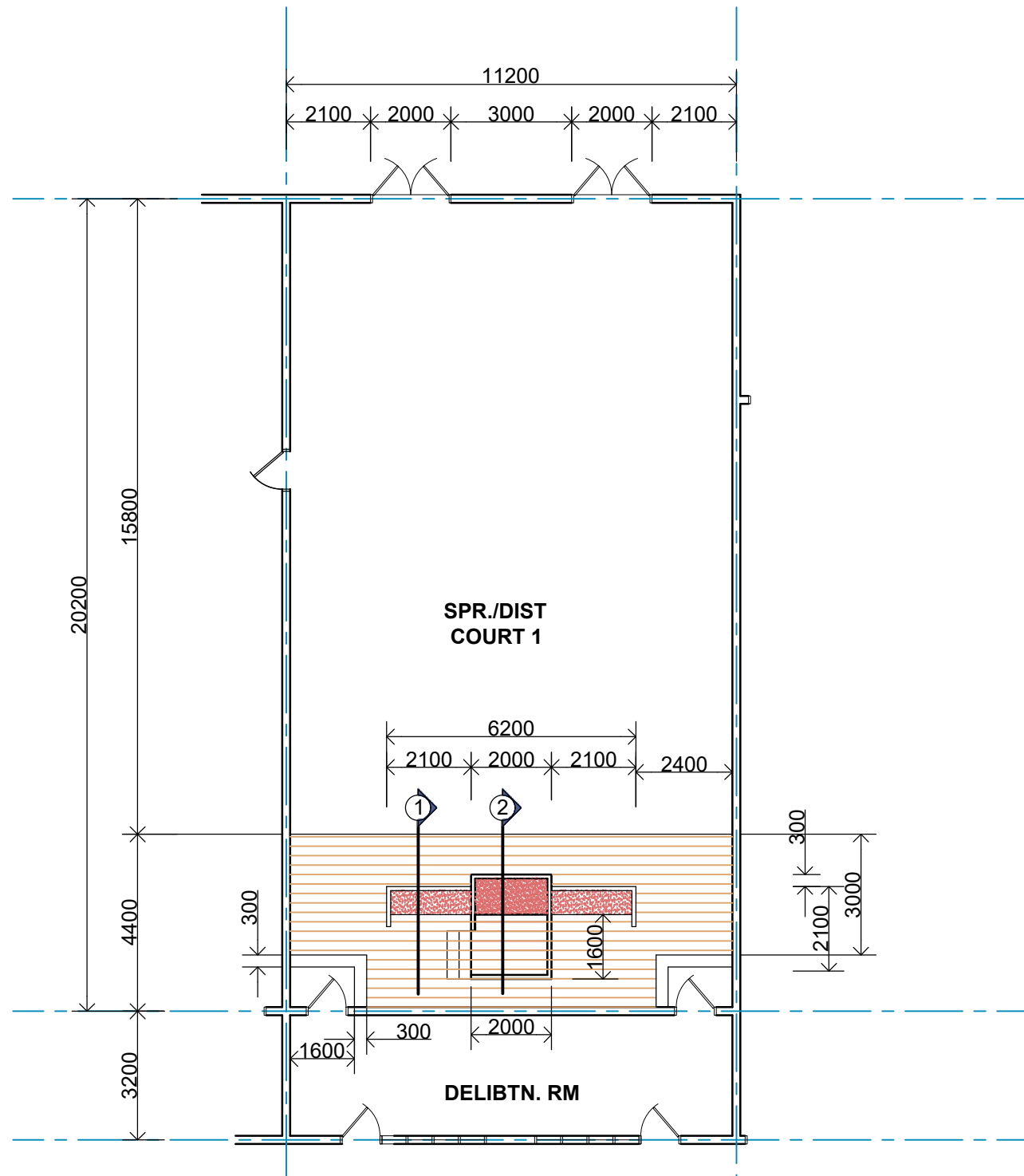
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



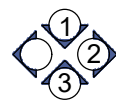
DRAWING TITLE:

**LTC. COURT 2
STAGE ELEVATION 1
T.SECTION 1 & 2**

| | | | |
|-----------|----------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:20;1:50 (A3) | SHEET No: | A29 |



C-1 DETAIL PLAN
1:150



INTERNAL ELEVATIONS

ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

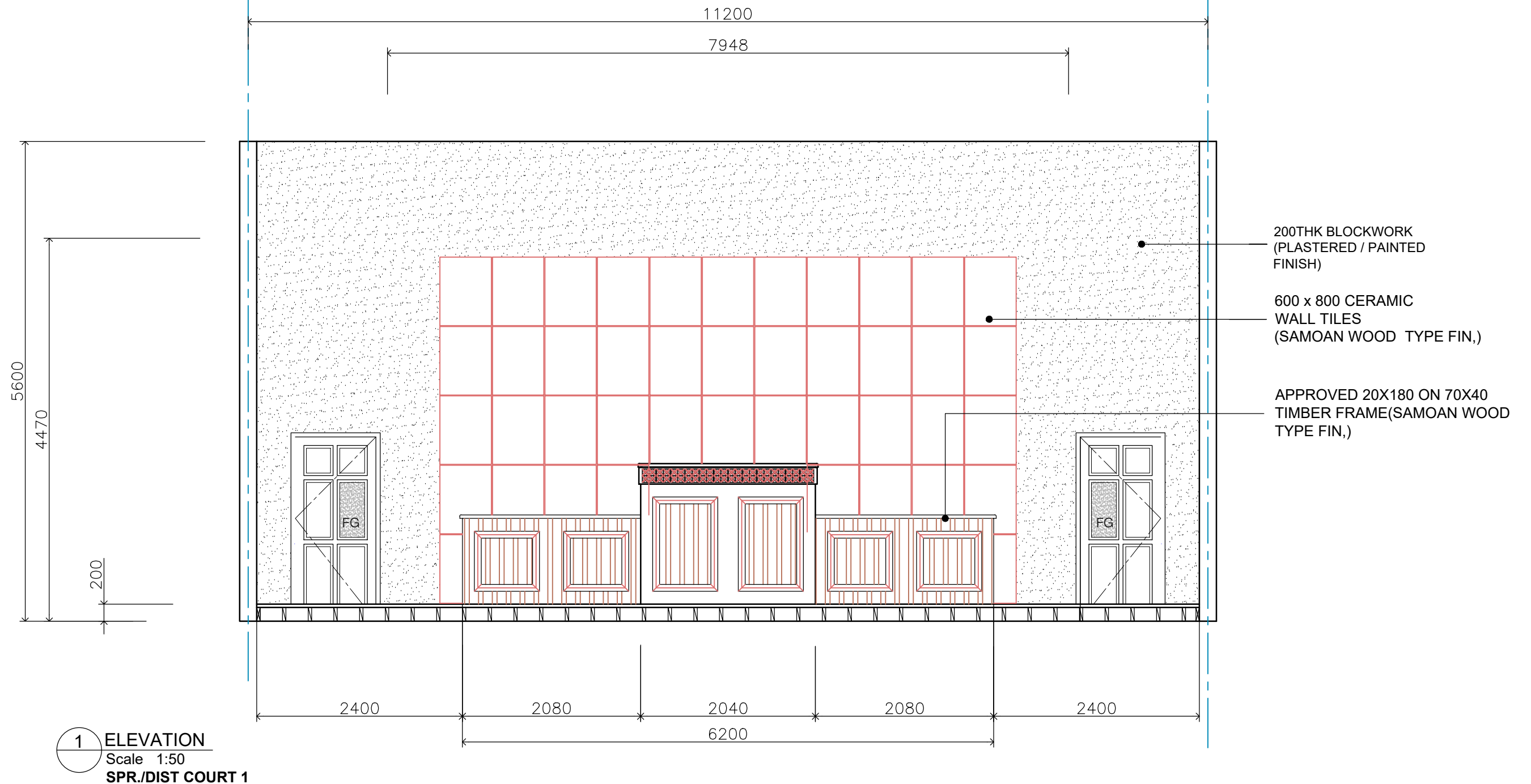


DRAWING TITLE:

SPR./DIST 1 COURT PLAN LAYOUT

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:150 (A3) | SHEET No: | A31 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

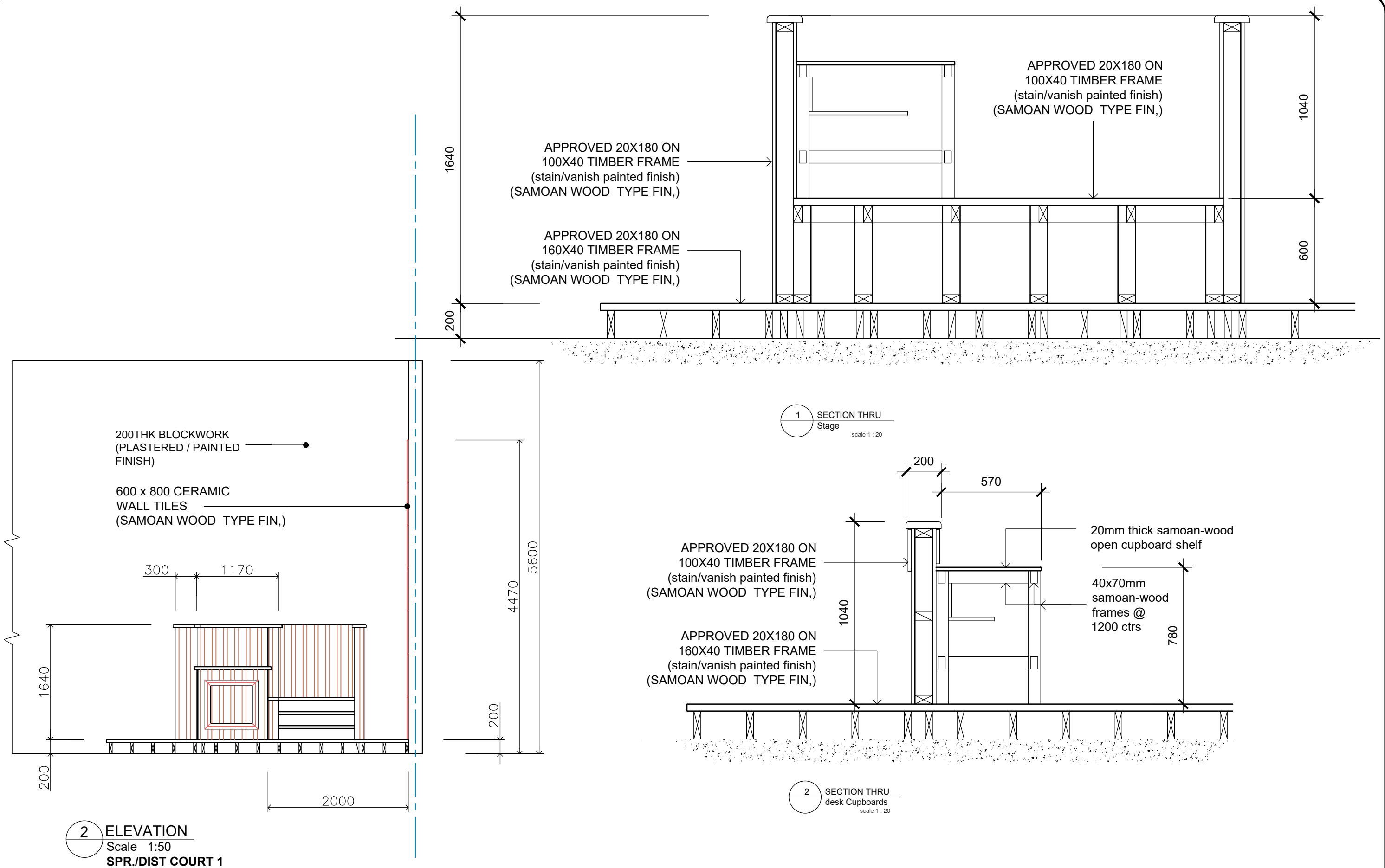
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

**COURT RM STAGE
ELEVATION 1**

| | | | |
|-----------|-----------|---------------|---------------|
| DESIGNED: | VeS | DATE: | May. 2022 |
| DRAWN: | VeS | DATE: | May. 2022 |
| CHECKED: | V/S | PRINT ISSUED: | 16th.07. 2022 |
| SCALE: | 1:50 (A3) | SHEET No: | A32 |



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

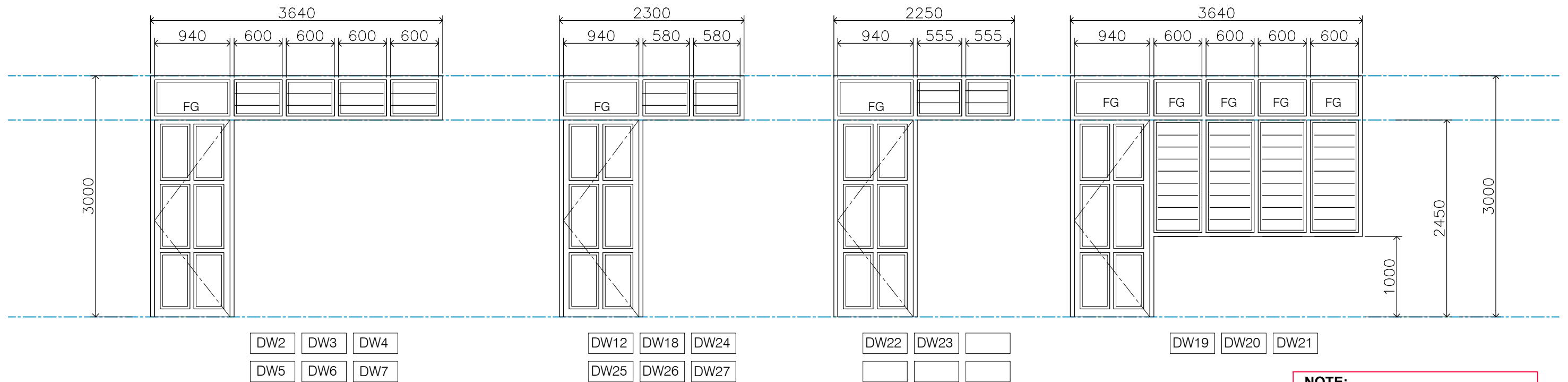
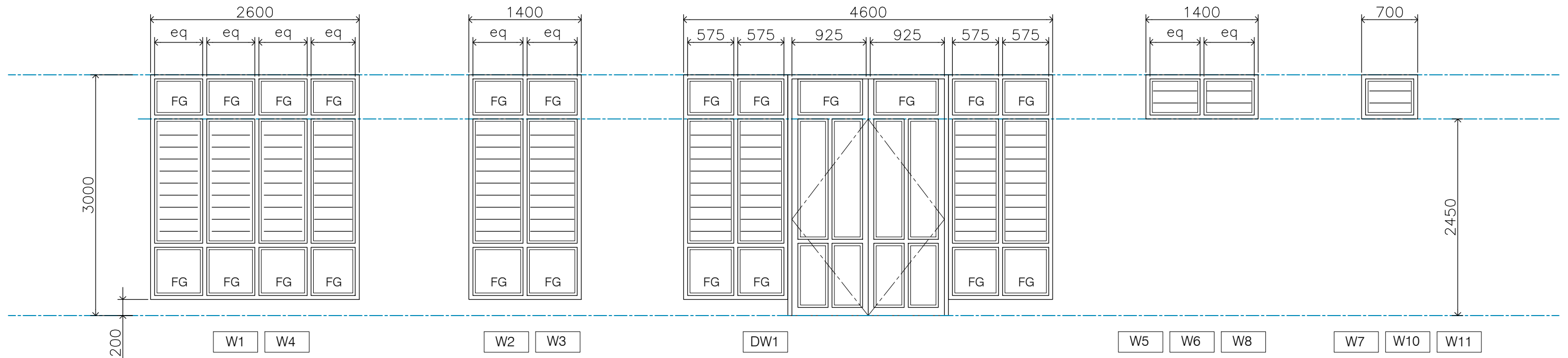
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

**SPR./DIST COURT 1
STAGE ELEVATION 2
SECTIONS 1 & 2**

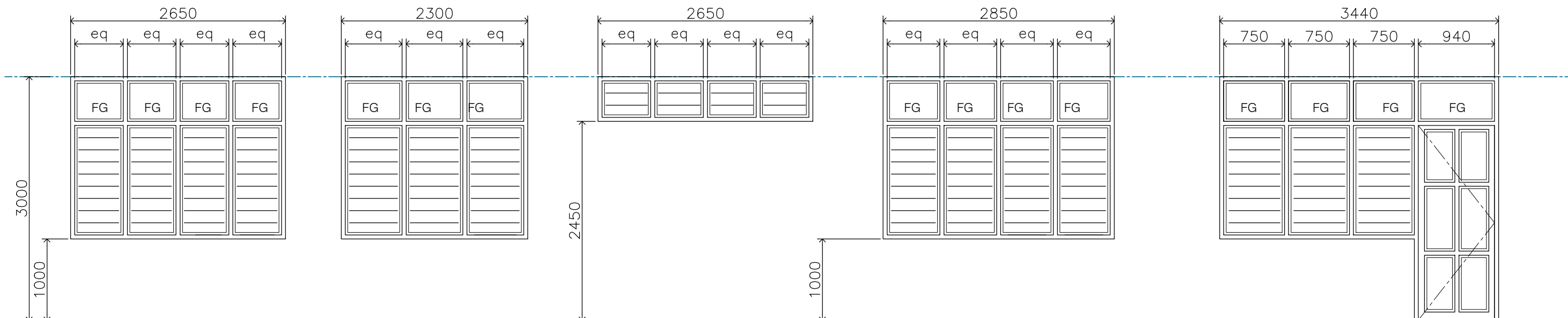
| | | | |
|-----------|----------------|---------------|---------------|
| DESIGNED: | VeS | DATE: | May. 2022 |
| DRAWN: | VeS | DATE: | May. 2022 |
| CHECKED: | V/S | PRINT ISSUED: | 16th.07. 2022 |
| SCALE: | 1:20;1:50 (A3) | SHEET No: | A33 |



NOTE:

- All dimenions to be confirmed onsite prior to fabrication and installation
- All Glass over windows / doors will be tinted glass





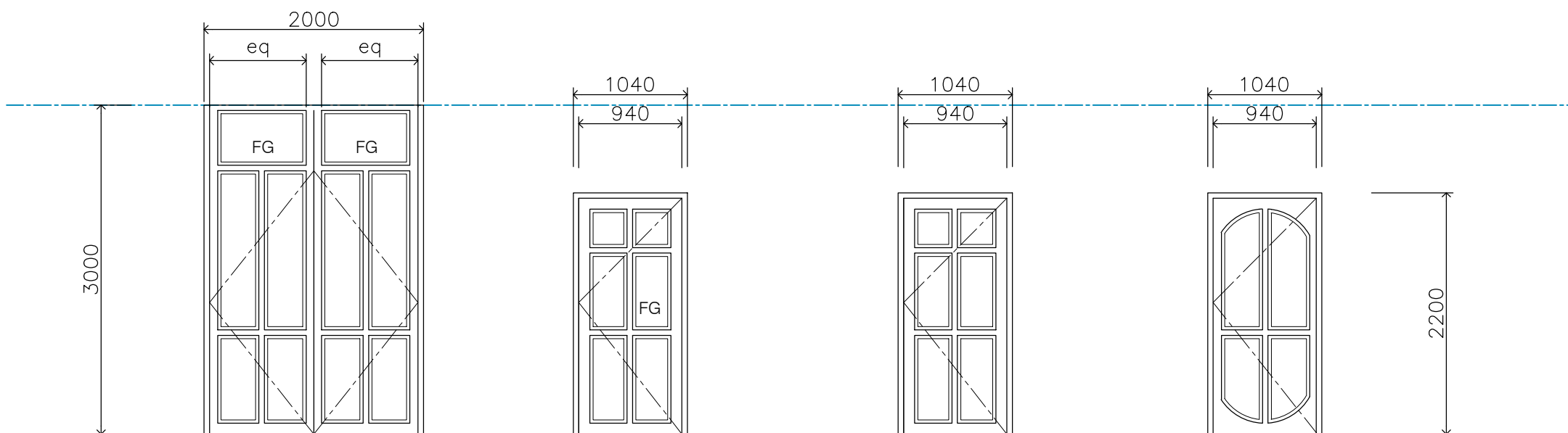
W12 W13 W16
W18

W21 W22 W28

W14 W15 W24
W25 W30

W26 W27

DW34



D1 D2 D3
D13 D14 D15
D16 D23 D24 D30
D33 D38 D39 D58

D4 D5 D6 D7 D8
D9 D10 D11 D12 D29
D31 D32 D40 D42 D57

D17 D18 D19 D20
D22 D25 D34 D35
D36 D37 D43 D44
D45 D37 D43 D44
D45 D49 D51 D54 D55 D56

D21 D26 D27 D28
D41 D47 D52

NOTE:

- All dimensions to be confirmed onsite prior to fabrication and installation
- All Glass over windows / doors will be tinted glass

adjustable 150x6mm clear float glass louvre blades hung on "air way" louvre blade carriers with Aluminum Amplimesh at outer face of all louvre window openings

LEGEND:

aw : Awning window
FG : Fixed glass

GLASS TYPE & THICKNESS:

6.38mm Laminated Double Glazed Safety Glass

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

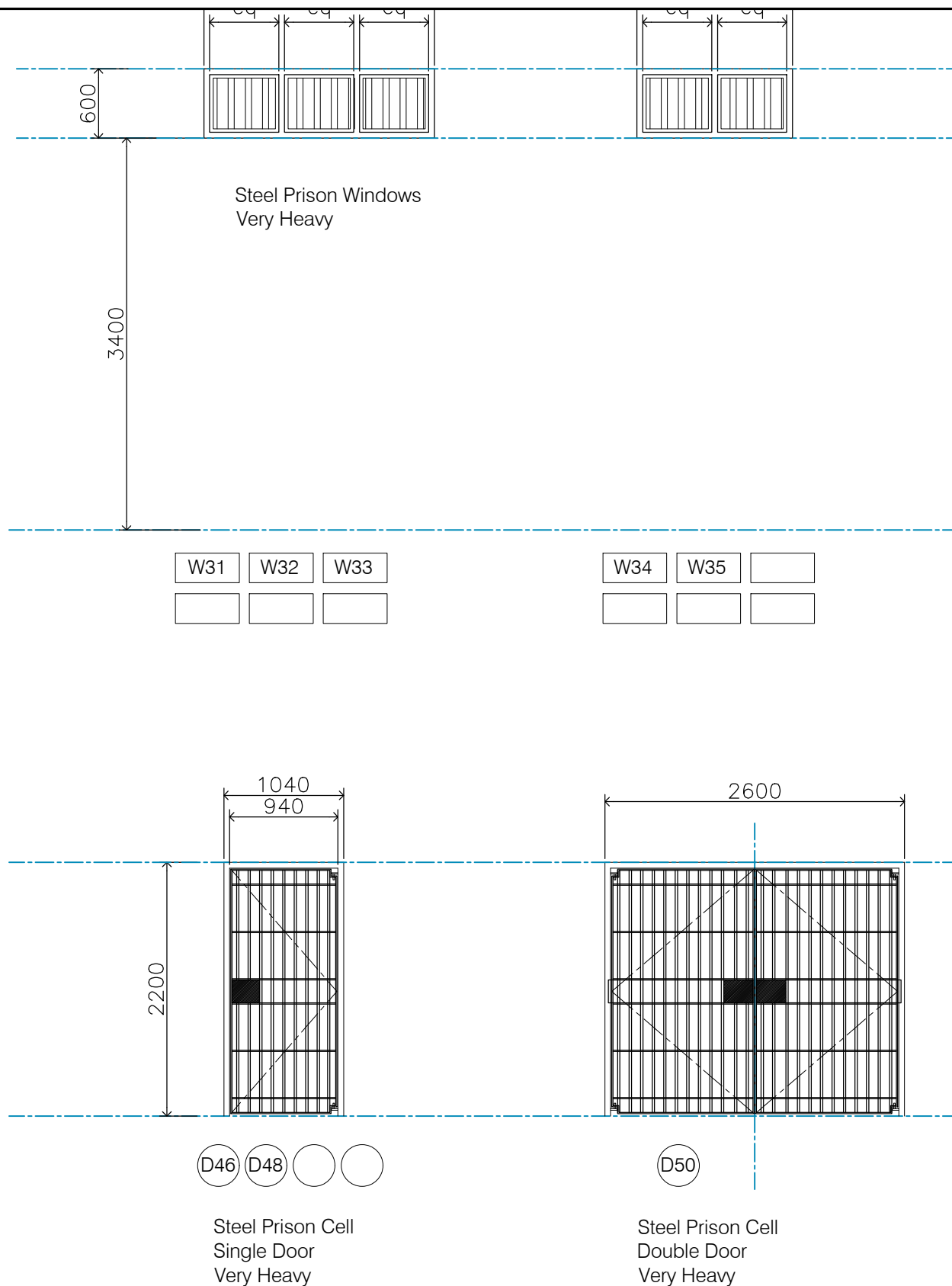
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

WIN/DOOR SCHEDULES

| | | | |
|-----------|-----------|---------------|---------------|
| DESIGNED: | VeS | DATE: | Sep. 2023 |
| DRAWN: | VeS | DATE: | 07th.09. 2023 |
| CHECKED: | V/S | PRINT ISSUED: | 07th.09. 2023 |
| SCALE: | 1:50 (A3) | SHEET No: | A36 |



NOTE:

- All dimenions to be confirmed onsite prior to fabrication and installation
- All Glass over windows / doors will be tinted glass

Windows & Glazed Doors

Standards Requirements - For:

- Selection & Installation : To AS 2047
- Glass Type & Thickness : To AS 1288 if no glass type or thickness is nominated.
- Materials & Installation : To AS 1288, AS/NZS 4667,AS/NZS 4668
- Fire Resistance Level : To AS 1530.4

Aluminium Frame Finishes

Powder Coating Standards : To AS 3715

Hardware

General: Provide hardware of sufficient strength and quality to perform its function, appropriate to the intended conditions of use, compatible with associated hardware, and fabricated with fixed parts firmly joined.

Locks and latches - Standards : To AS 4145.3

Window catches: Provide 2 catches per sash to manually latched awning or hopper sashes over1000 mm wide.

Sash balances

Requirement: Match the spring strength of the balances to the sash weight they support.

Weatherproofing

Flashing and weathers: Install flashings, weather bars, drips, storm moulds, caulking and pointing so that water is prevented from penetrating the building between the window frame and the building structure under the prevailing service conditions, including normal structural movement of the building.

Fixing

Fasteners and fastener spacing: Conform to the recommendations of the manufacturer.

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

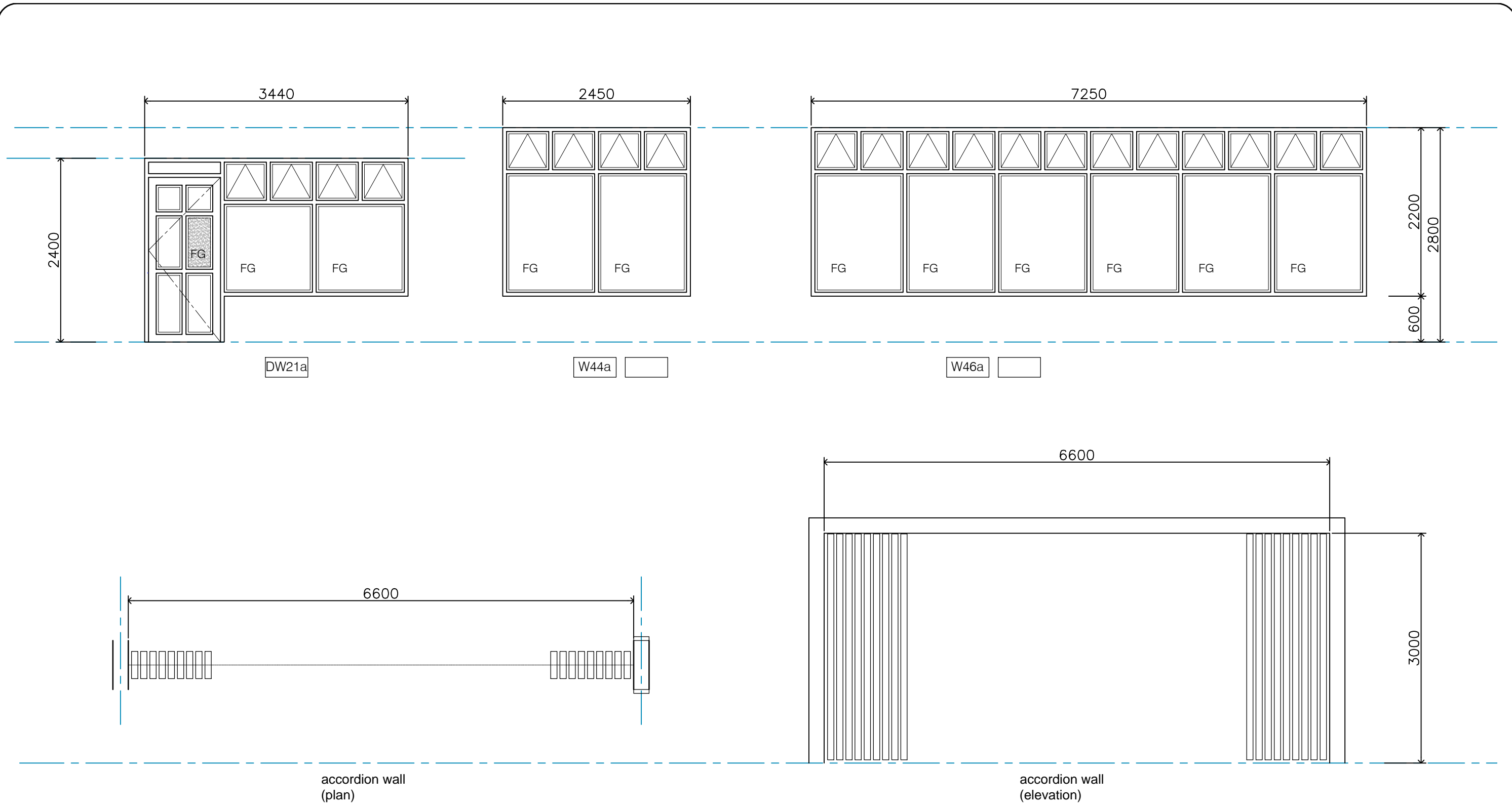
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

WIN/DOOR SCHEDULES

| | | | |
|-----------|-----------|---------------|---------------|
| DESIGNED: | VeS | DATE: | Sep. 2023 |
| DRAWN: | VeS | DATE: | 07th.09. 2023 |
| CHECKED: | V/S | PRINT ISSUED: | 07th.09. 2023 |
| SCALE: | 1:50 (A3) | SHEET No: | A37 |



Windows & Glazed Doors

Standards Requirements - For:

- Selection & Installation : To AS 2047
- Glass Type & Thickness : To AS 1288 if no glass type or thickness is nominated.
- Materials & Installation : To AS 1288, AS/NZS 4667, AS/NZS 4668
- Fire Resistance Level : To AS 1530.4

Aluminium Frame Finishes

Powder Coating Standards : To AS 3715

Hardware

General: Provide hardware of sufficient strength and quality to perform its function, appropriate to the intended conditions of use, compatible with associated hardware, and fabricated with fixed parts firmly joined.

Locks and latches - Standards : To AS 4145.3

Window catches: Provide 2 catches per sash to manually latched awning or hopper sashes over 1000 mm wide.

Sash balances



Requirement: Match the spring strength of the balances to the sash weight they support.

Weatherproofing

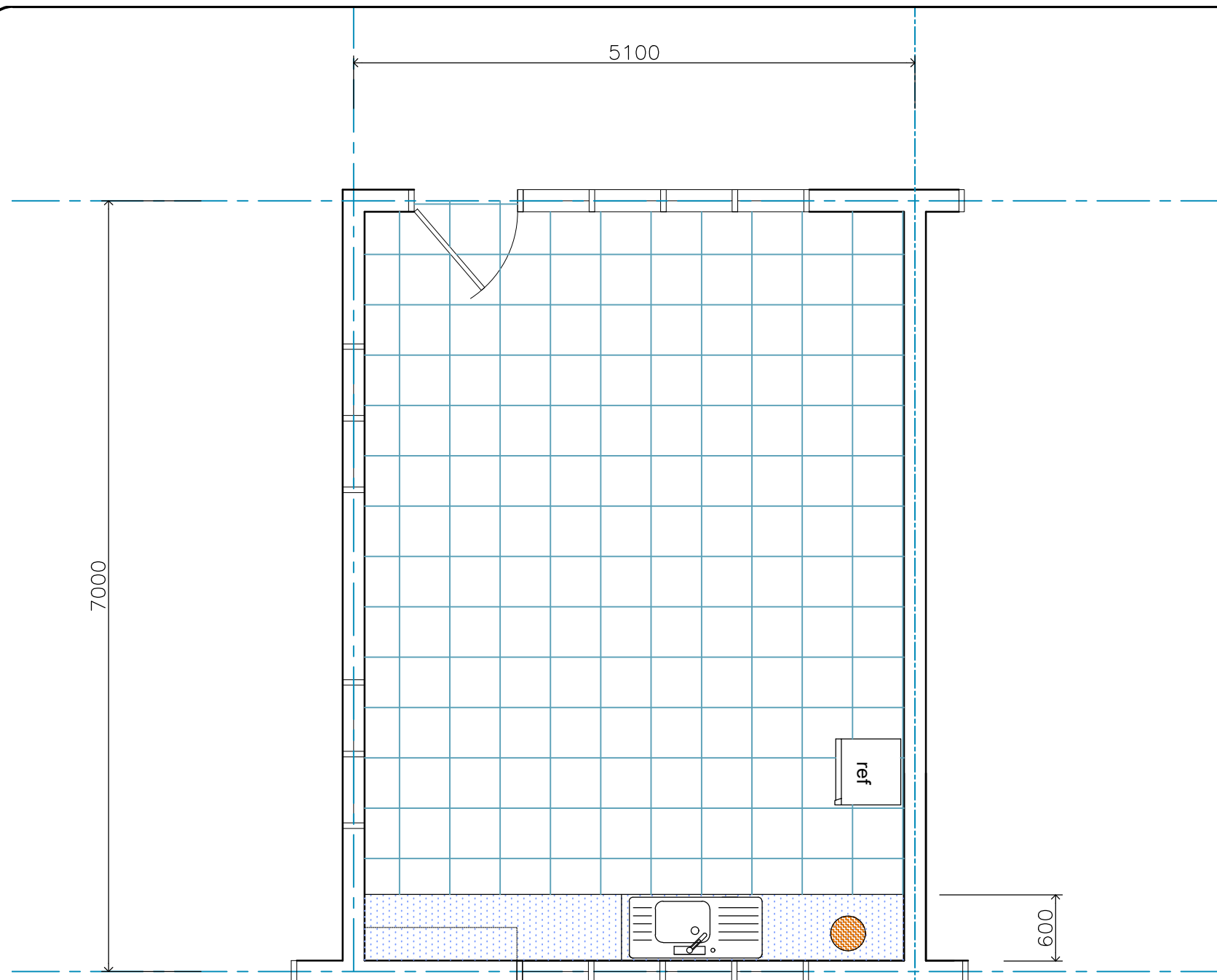
Flashing and weatherings: Install flashings, weather bars, drips, storm moulds, caulking and pointing so that water is prevented from penetrating the building between the window frame and the building structure under the prevailing service conditions, including normal structural movement of the building.

Fixing

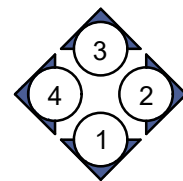
Fasteners and fastener spacing: Conform to the recommendations of the manufacturer.

| | | | | | |
|--|--|---|--|-----------------|-----------------------------|
| ARCHITECTURAL CONSULTANTS:  Mobile: 7772813 / 7774114 Phone: 8423134 / Fax: (685) 28124 E-mail: ves.architects@samoa.ws | PROJECT: MINISTRY OF JUSTICE COURTS AND ADMINISTRATION " PROPOSED COURT HOUSE " at Salelologa, Savaii |  | DRAWING TITLE: DOOR / WINDOW SCHEDULES | DESIGNED: VeS | DATE: 25th.11. 2022 |
| | | | | DRAWN: VeS | DATE: 25th.11. 2022 |
| | | | | CHECKED: V/S | PRINT ISSUED: 25th.11. 2022 |
| | | | | SCALE: nts (A3) | SHEET No: A39 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

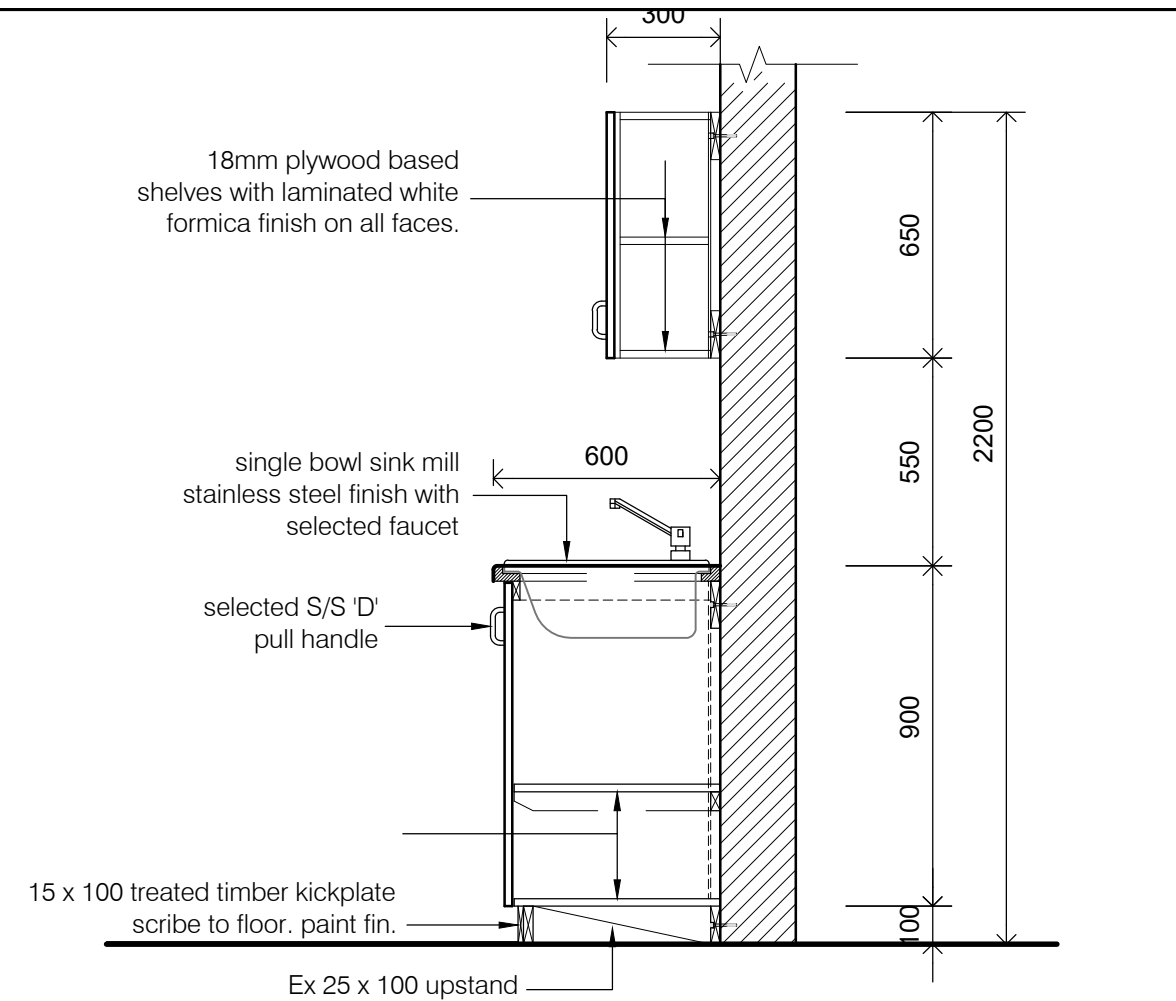


K.1
A--
DETAIL PLAN
1:50

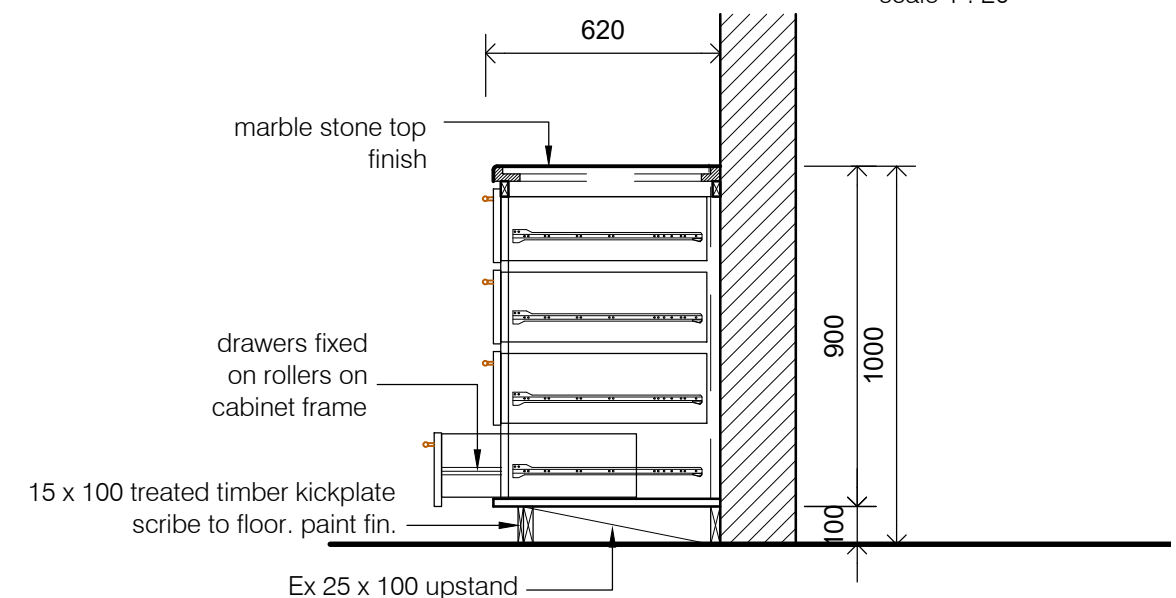


INTERNAL ELEVATIONS

- ** 300 x 300 CERAMIC FLOOR TILES
- ** 600 x 600 CERAMIC WALL TILES



SECTION THRU OVERHEAD KITCHEN CUPBOARD
scale 1 : 20



SECTION THRU KITCHEN DRAWERS
scale 1 : 20

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

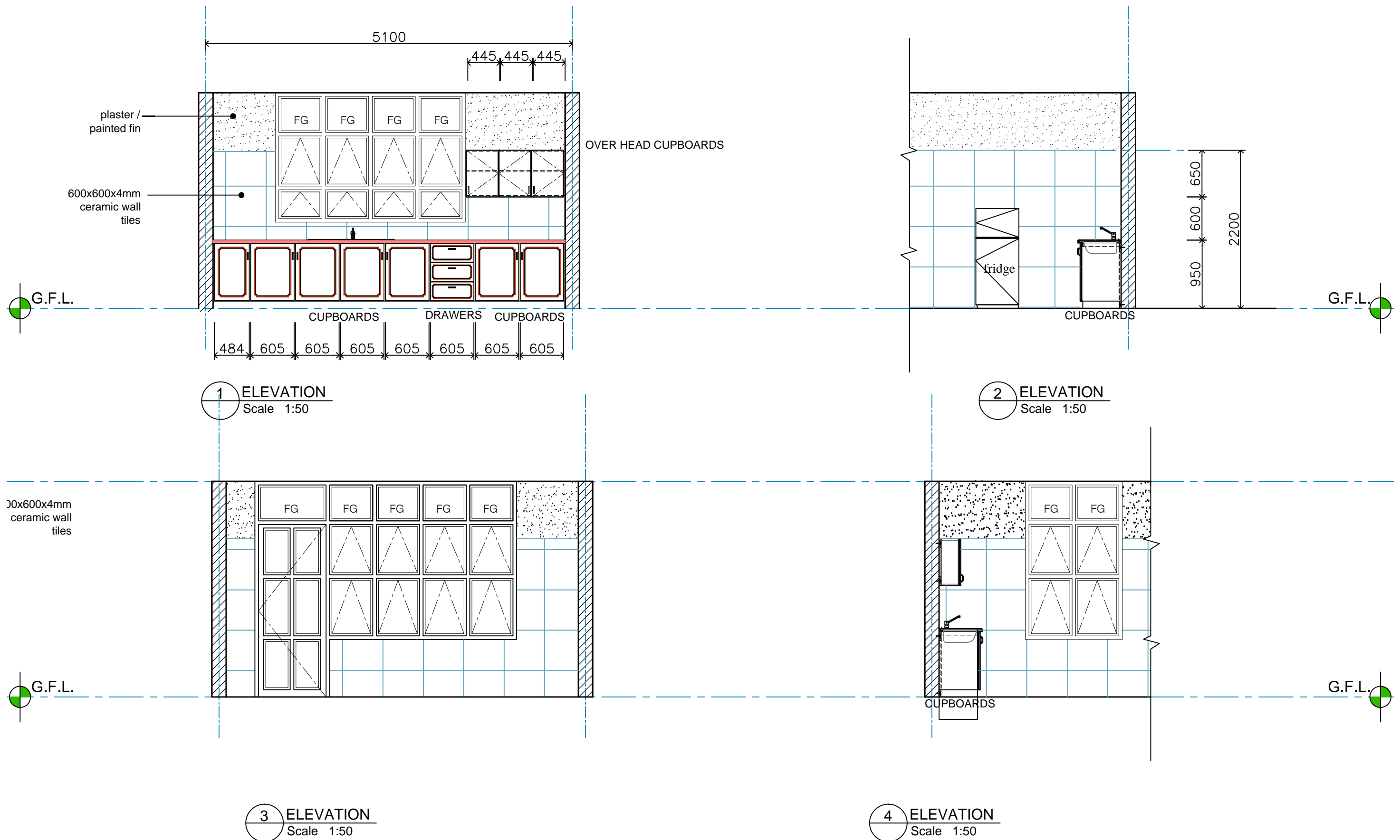
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

TEA ROOM
PLAN / DETAILS

| | | | |
|-----------|-----------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:20; 1:50 (A3) | SHEET No: | A41 |



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

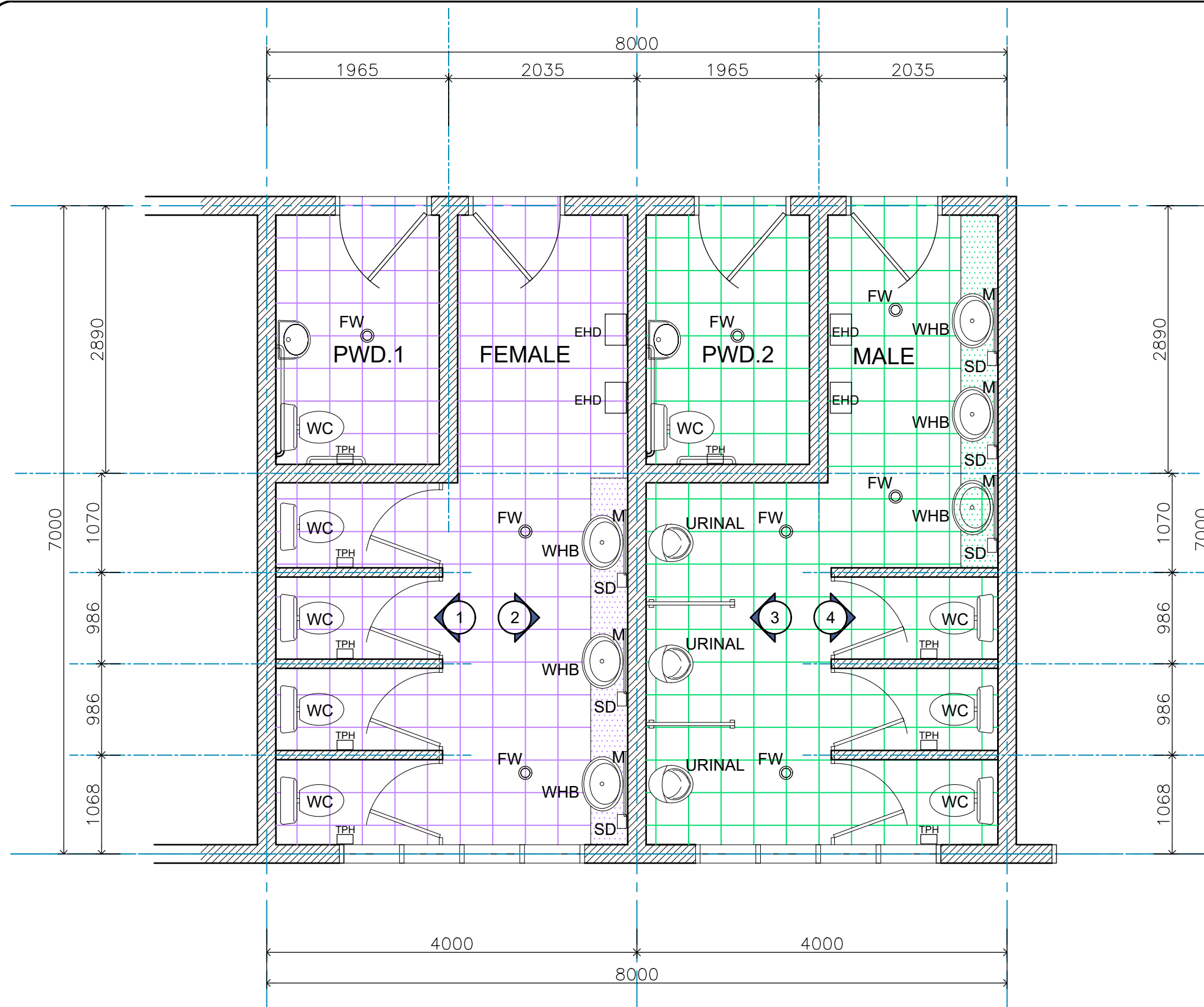
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

TEA ROOM INTERNAL ELEVATIONS

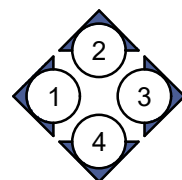
| | | | |
|-----------|-----------|---------------|---------------|
| DESIGNED: | VeS | DATE: | 25th.11. 2022 |
| DRAWN: | VeS | DATE: | 25th.11. 2022 |
| CHECKED: | VS | PRINT ISSUED: | 25th.11. 2022 |
| SCALE: | 1:50 (A3) | SHEET No: | A41a |



| LEGEND : | |
|----------|---|
| 1. | All window opening have louver window glass blades with aluminum amplimesh at outer face . |
| 2. | Non-slip ceramic 300 x 300mm finish floor tiles on all concrete floor |
| 3. | Whb counter tops are to have marble top finish. |
| 4. | M : Mirror : In Female Toilets * 1 No. Horizontal Length Mirror over WHB Bench Top In Male Toilets * 1 No. Horizontal Length Mirror over WHB Bench Top |
| 5. | Toilets Accessories : * TPH - toilet paper hanger for all cubicles * Hand-wash Dispensers 1no. each Toilet Facility * EHD - Electrical Hand Drier Dispensers 1no. each Toilet Facility. * SD - Soap Dispenser |
| 6. | FW : floor waste |

** 300 x 300 NON-SLIP CERAMIC FLOOR TILES
** 600 x 600 CERAMIC WALL TILES

BTH.1 BTH.2 BTH.3
A-- A-- A--
DETAIL PLAN
1:50



ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

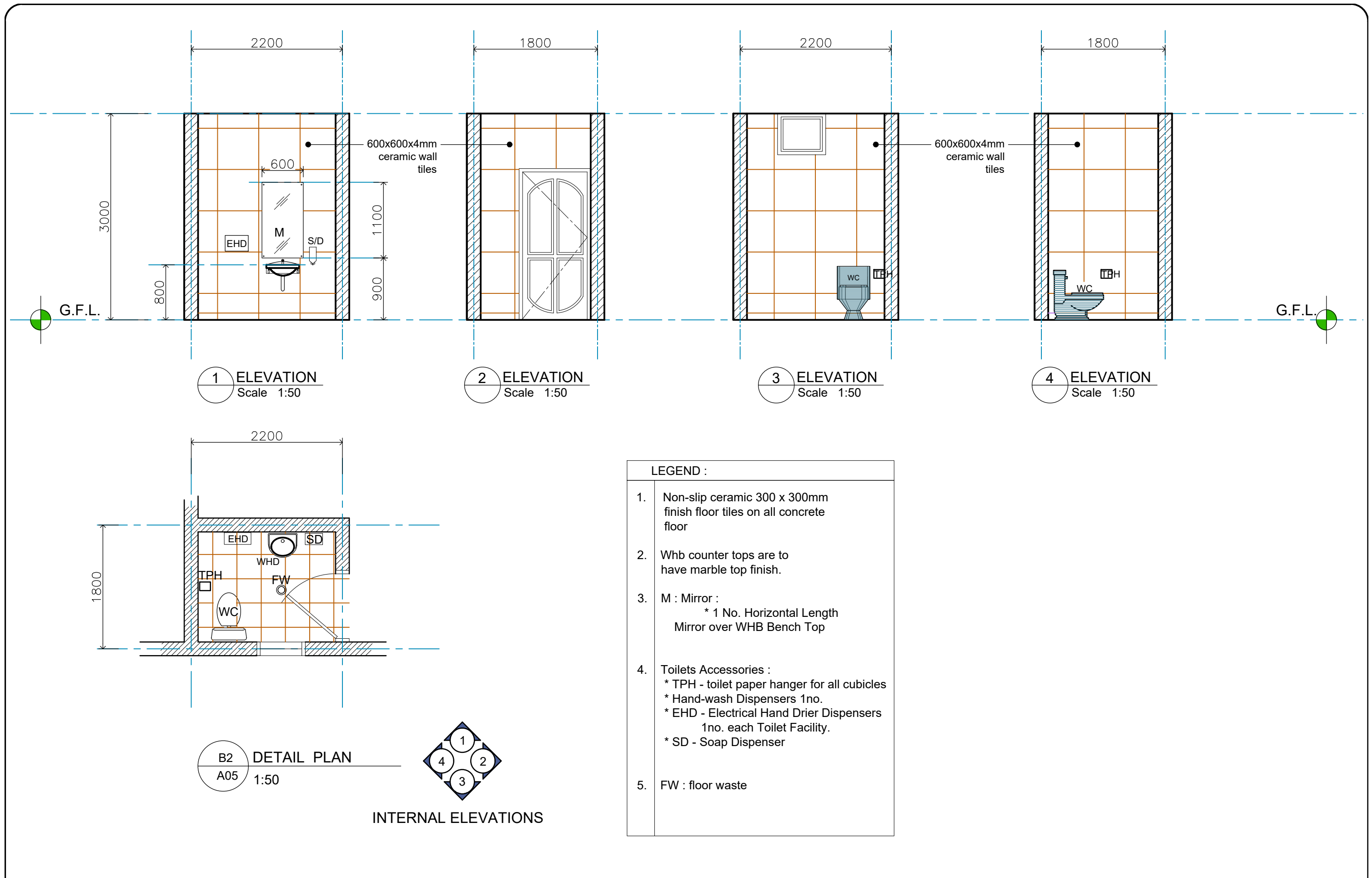


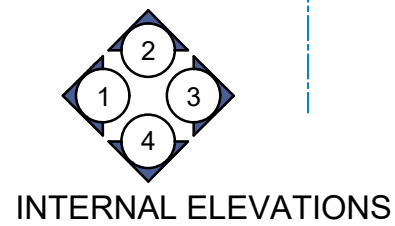
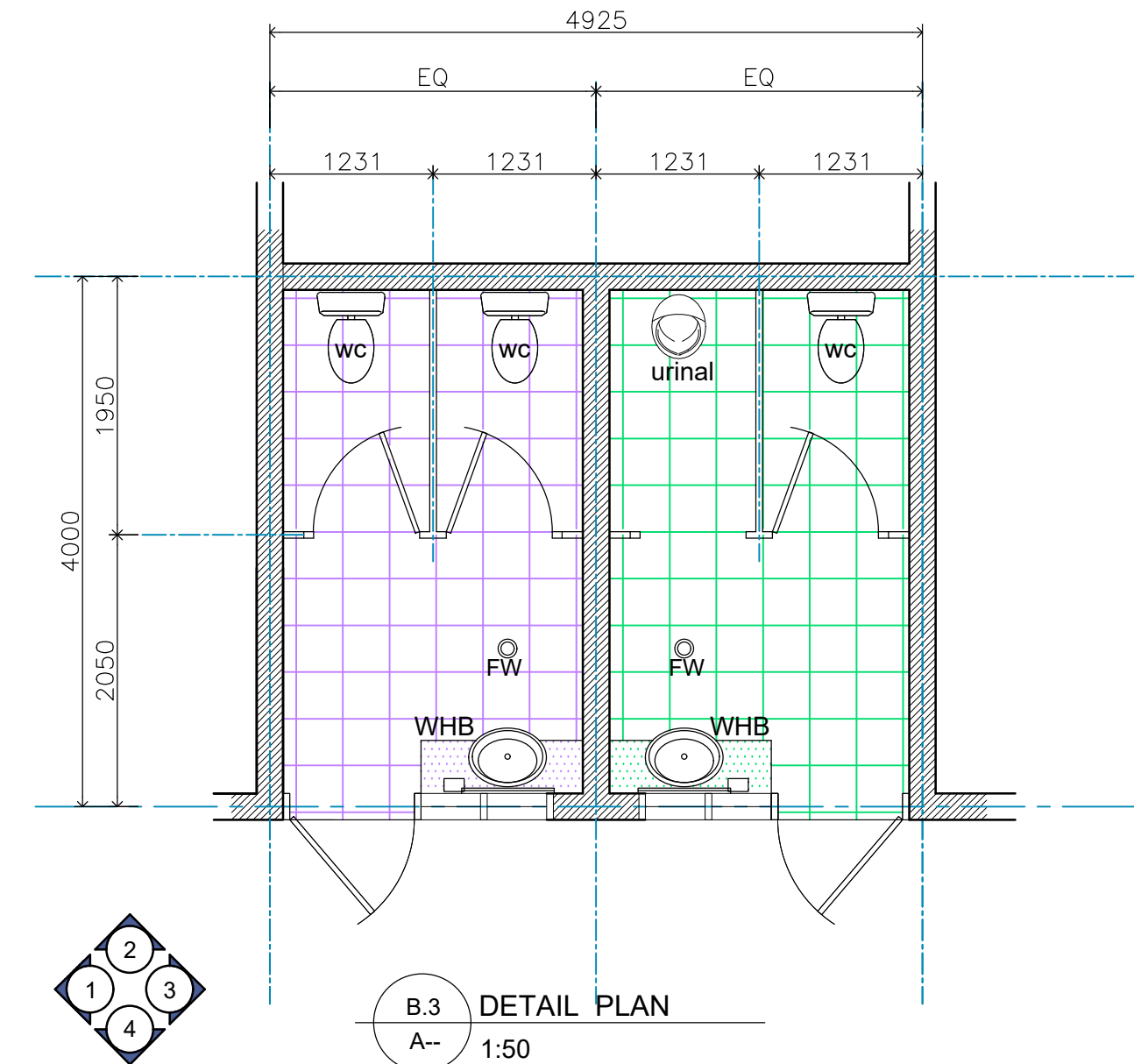
DRAWING TITLE:

**BATHROOM 1, 2, & 3
LAYOUT PLAN DETAILS**

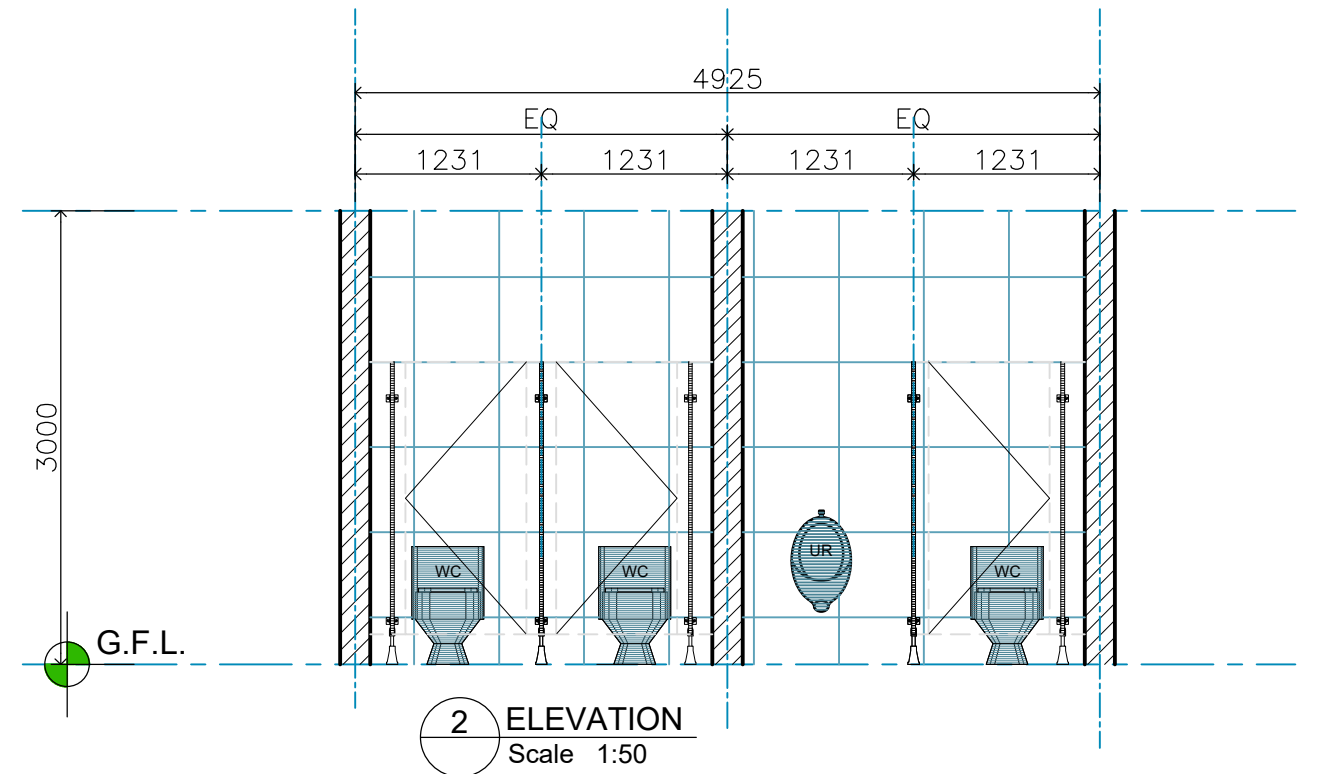
| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:50 (A3) | SHEET No: | A42 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016





- ** 300 x 300 CERAMIC FLOOR TILES
- ** 600 x 600 CERAMIC WALL TILES



ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

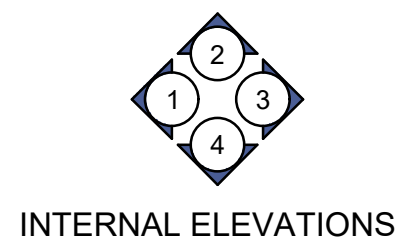
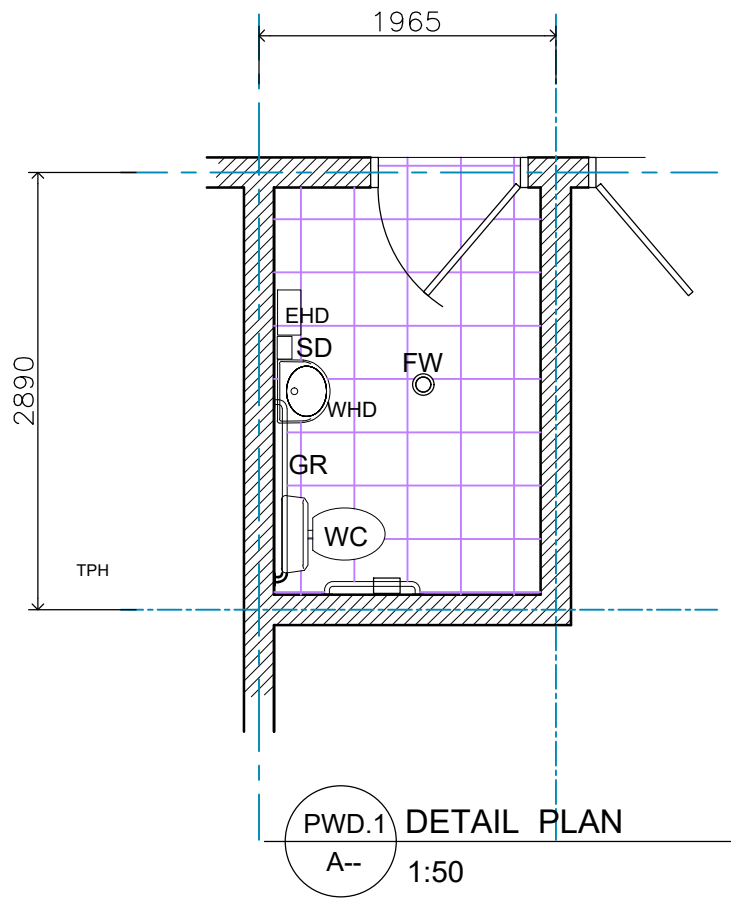
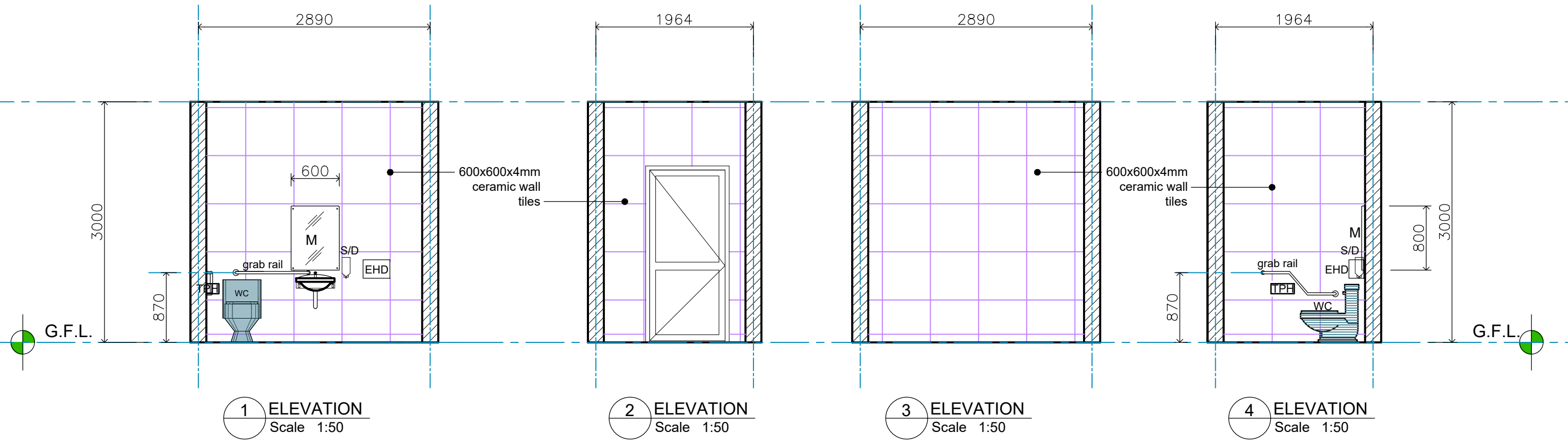


DRAWING TITLE:

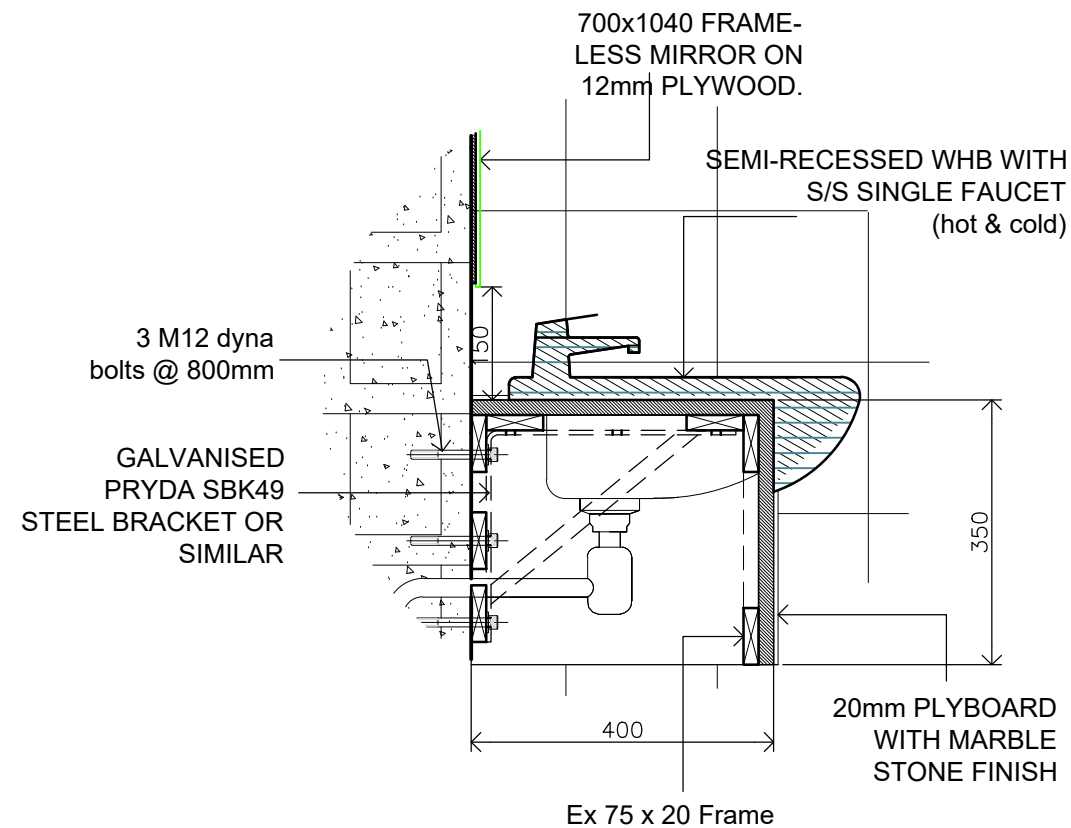
**BATHROOM 3 B3
DETAILS**

| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:50 (A3) | SHEET No: | A45 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



| LEGEND : | |
|----------|--|
| 1. | Non-slip ceramic 300 x 300mm finish floor tiles on all concrete floor |
| 2. | Whb counter tops are to have marble top finish. |
| 3. | M : Mirror : PWD 1 Toilets * 1 No. Horizontal Length Mirror over WHB Bench Top PWD 2 Toilets * 1 No. Horizontal Length Mirror over WHB Bench Top |
| 4. | Toilets Accessories : * TPH - toilet paper hanger for all cubicles * Hand-wash Dispensers 1no. * EHD - Electrical Hand Drier Dispensers 1no. each Toilet Facility. * SD - Soap Dispenser * GR - Grab Rail |
| 5. | FW : floor waste |



○ WHB DETAIL
SCALE 1 : 10

ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

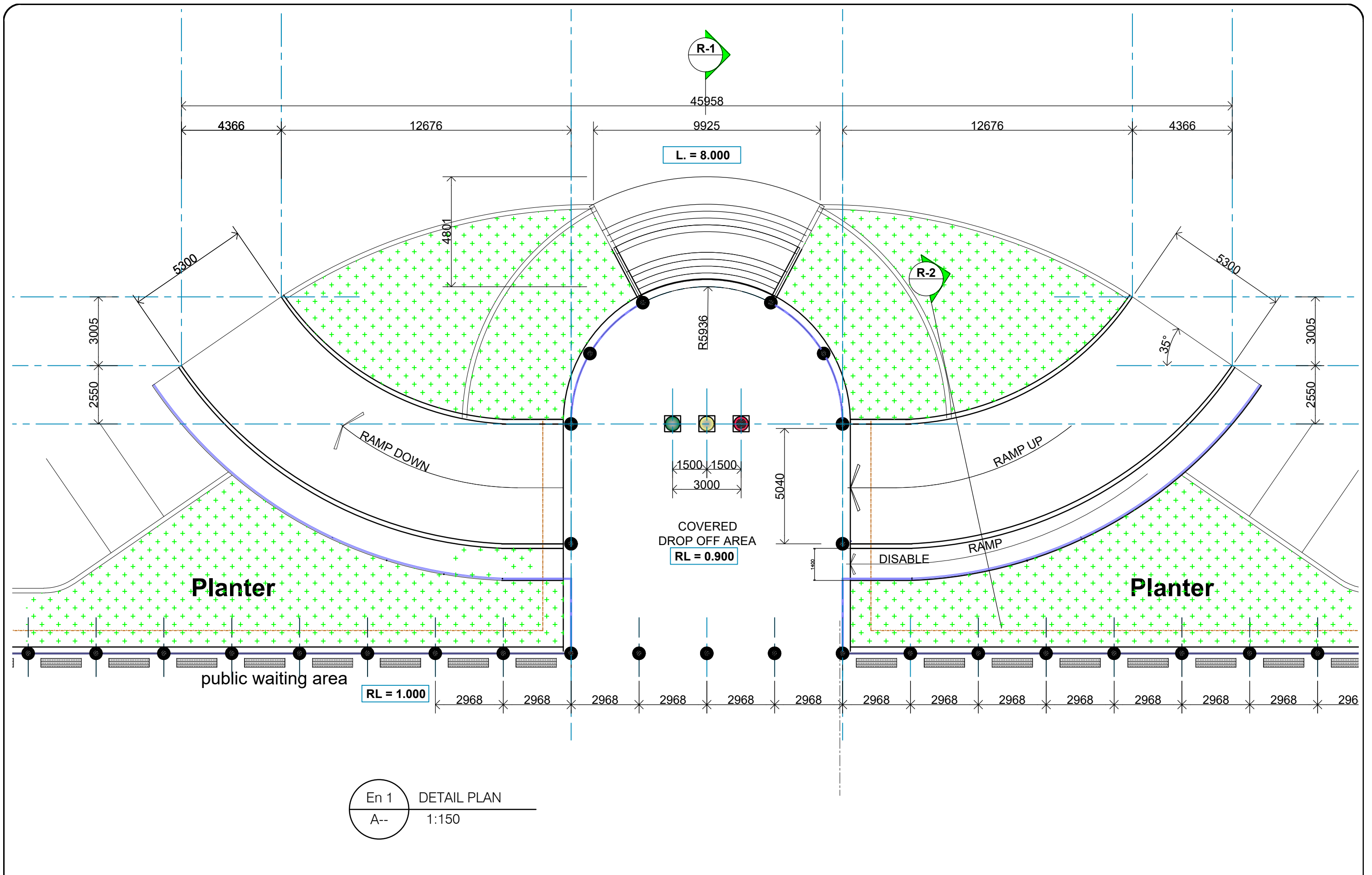


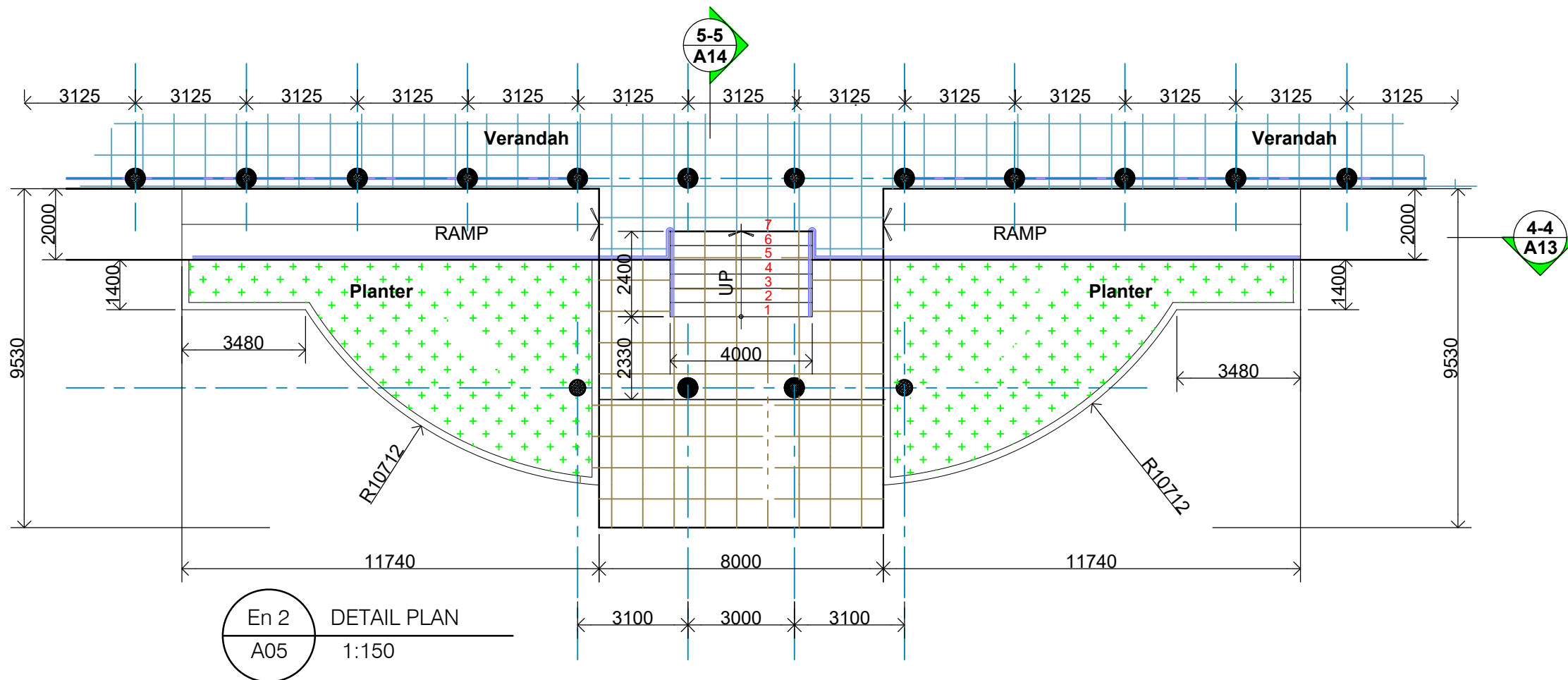
DRAWING TITLE:

BATHROOM DETAILS

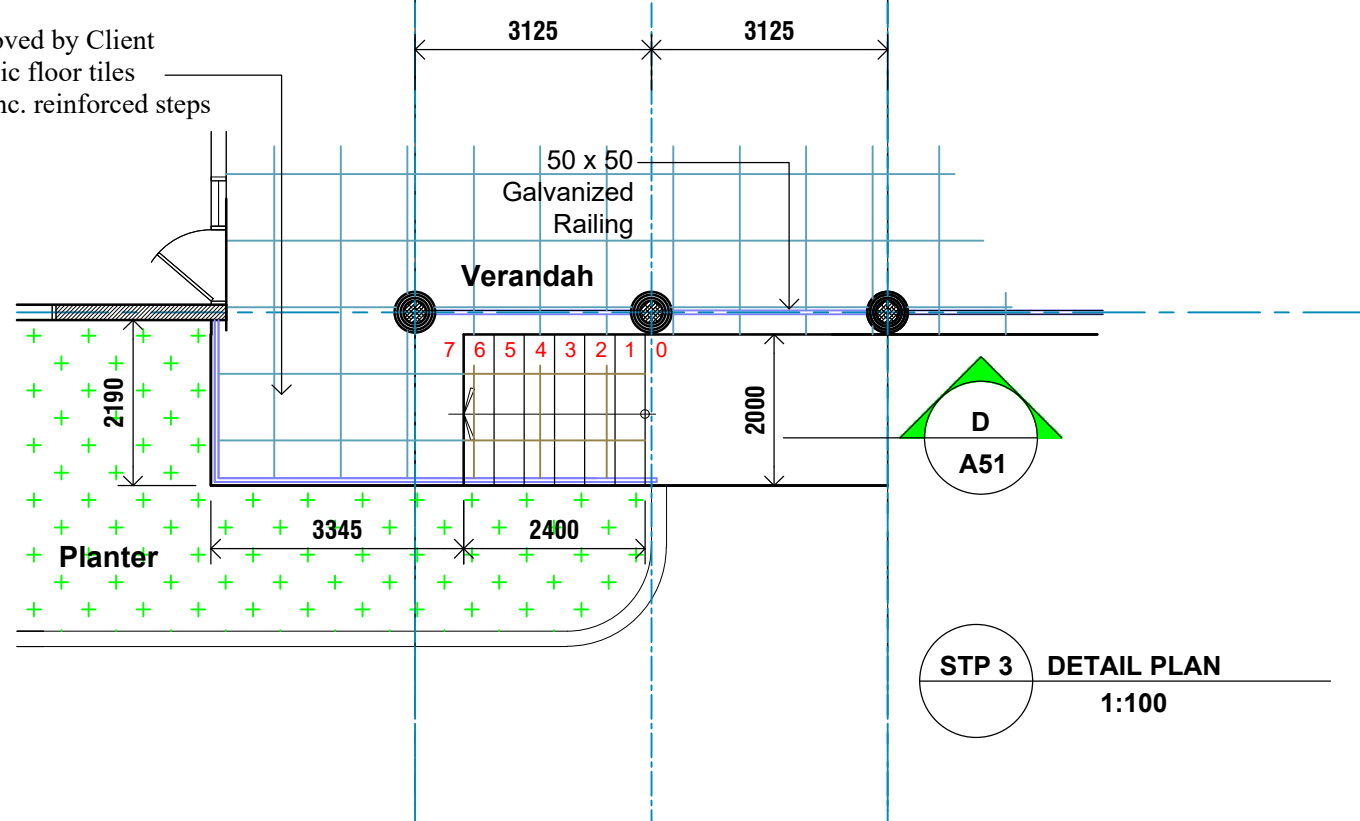
| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:50 (A3) | SHEET No: | A47 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016





Approved by Client
ceramic floor tiles
on conc. reinforced steps



ARCHITECTURAL CONSULTANTS:



MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

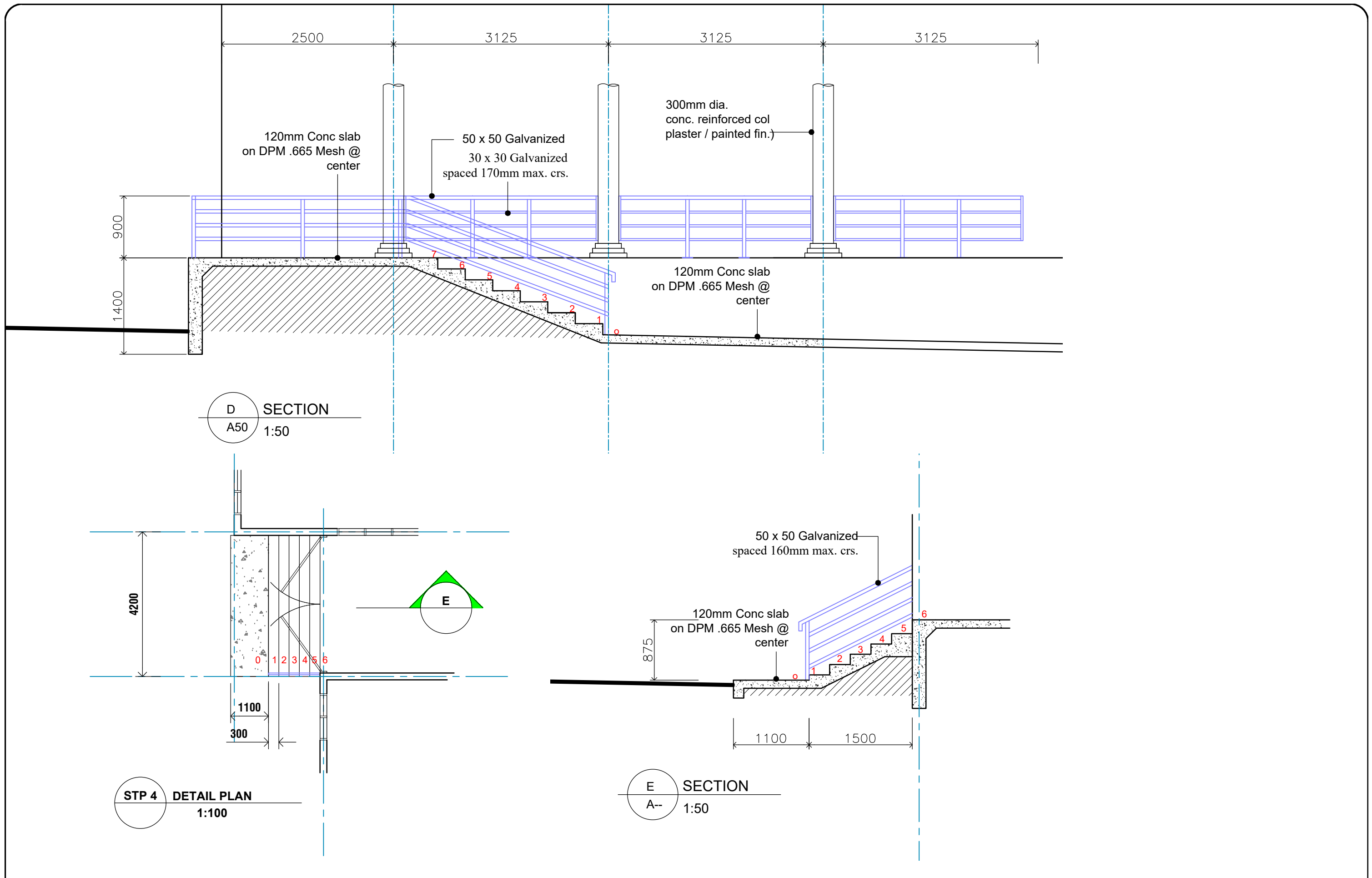


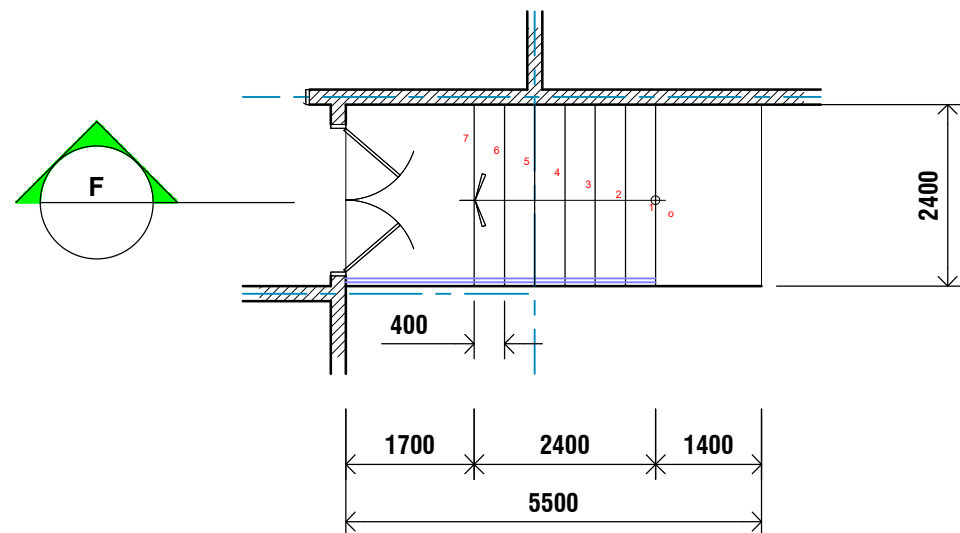
DRAWING TITLE:

En. 2 DETAILS

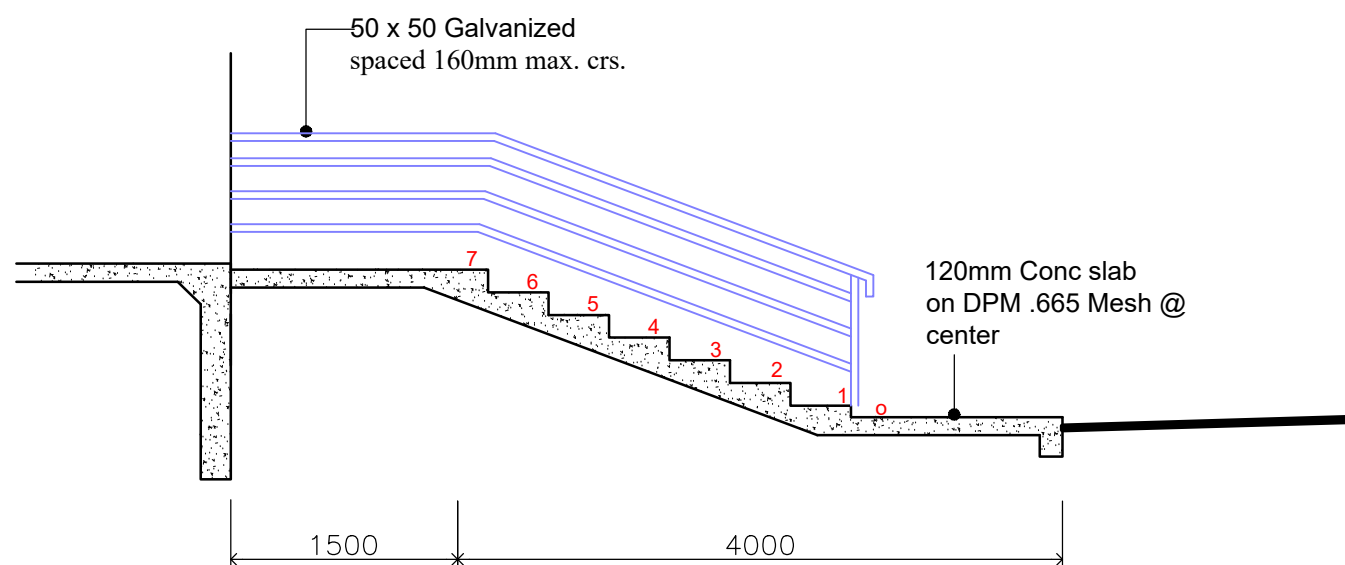
| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | VS | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:150 (A3) | SHEET No: | A50 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016





STP 5 DETAIL PLAN
1:100



F SECTION
A-- 1:50

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

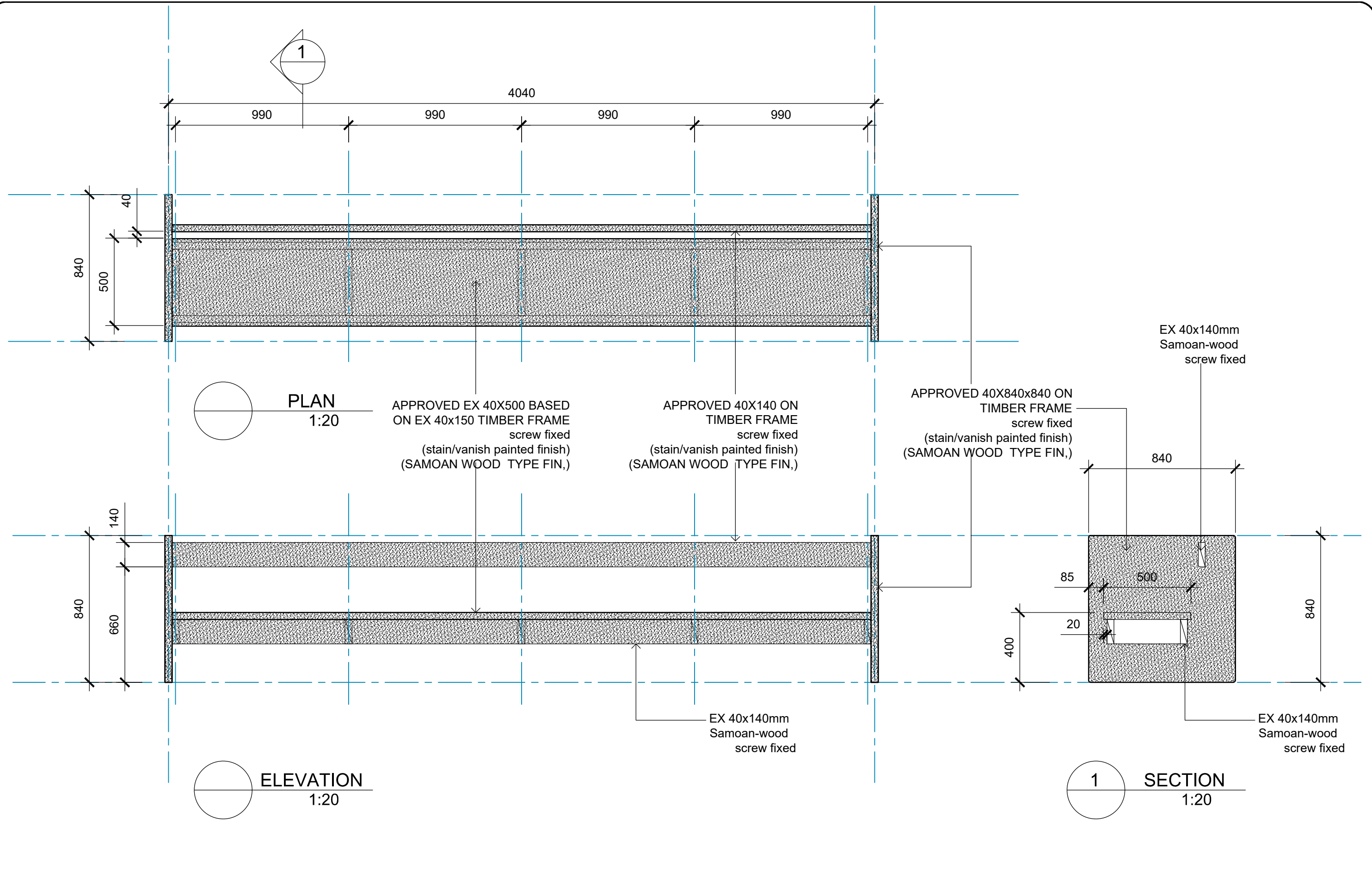
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

STEP DETAILS

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:150 (A3) | SHEET No: | A52 |



ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
at Salelologa, Savaii

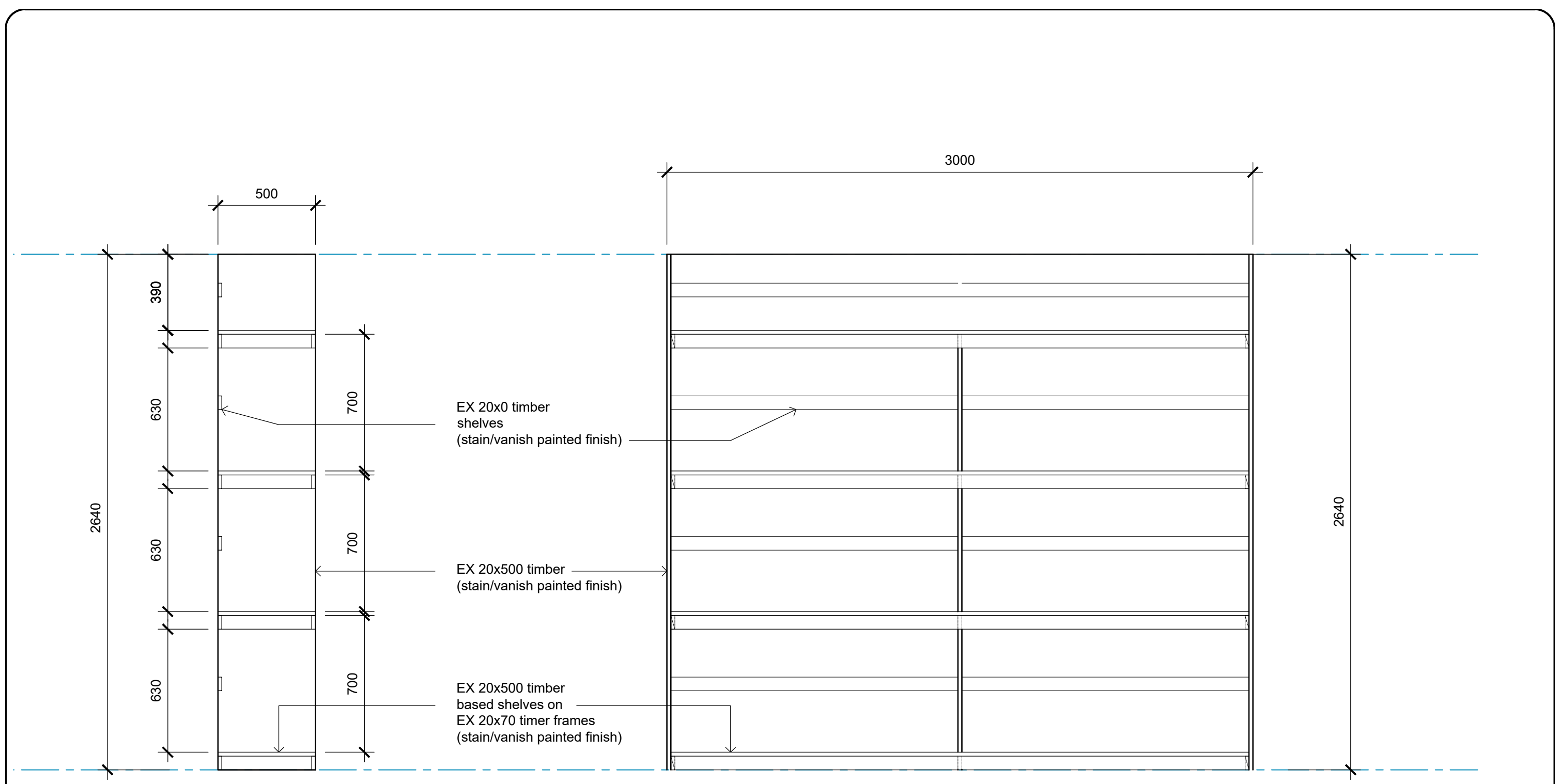


DRAWING TITLE:

PEW CHAIR'S DETAIL
(Waiting Areas / Mediation Rm)

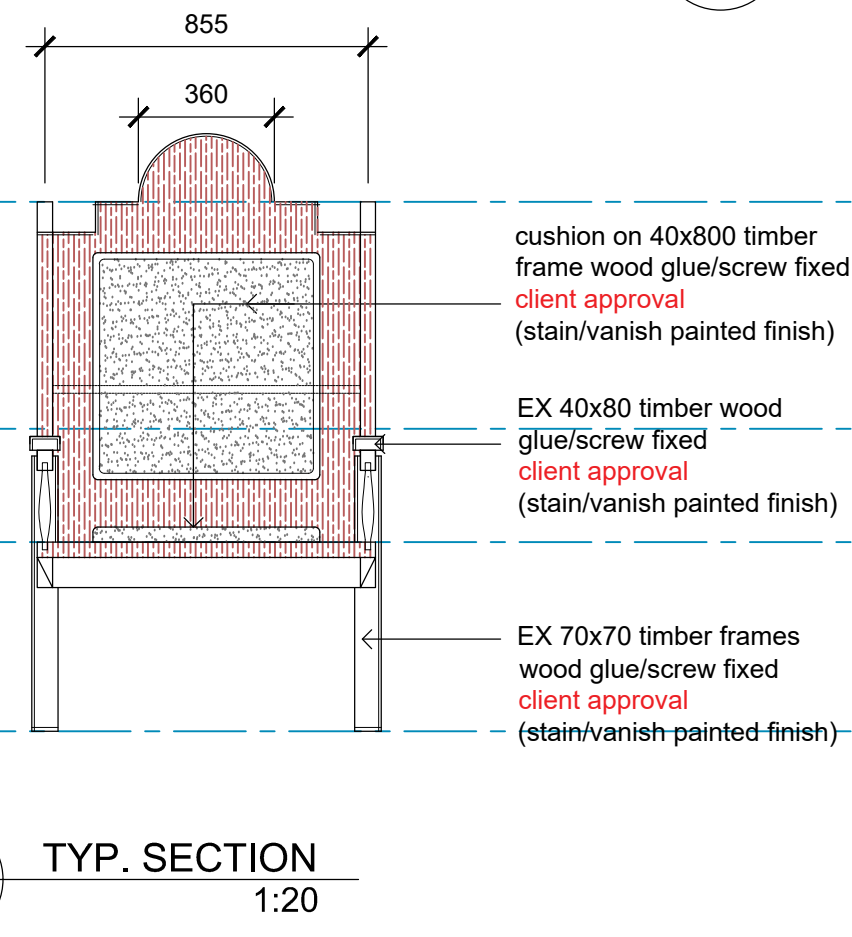
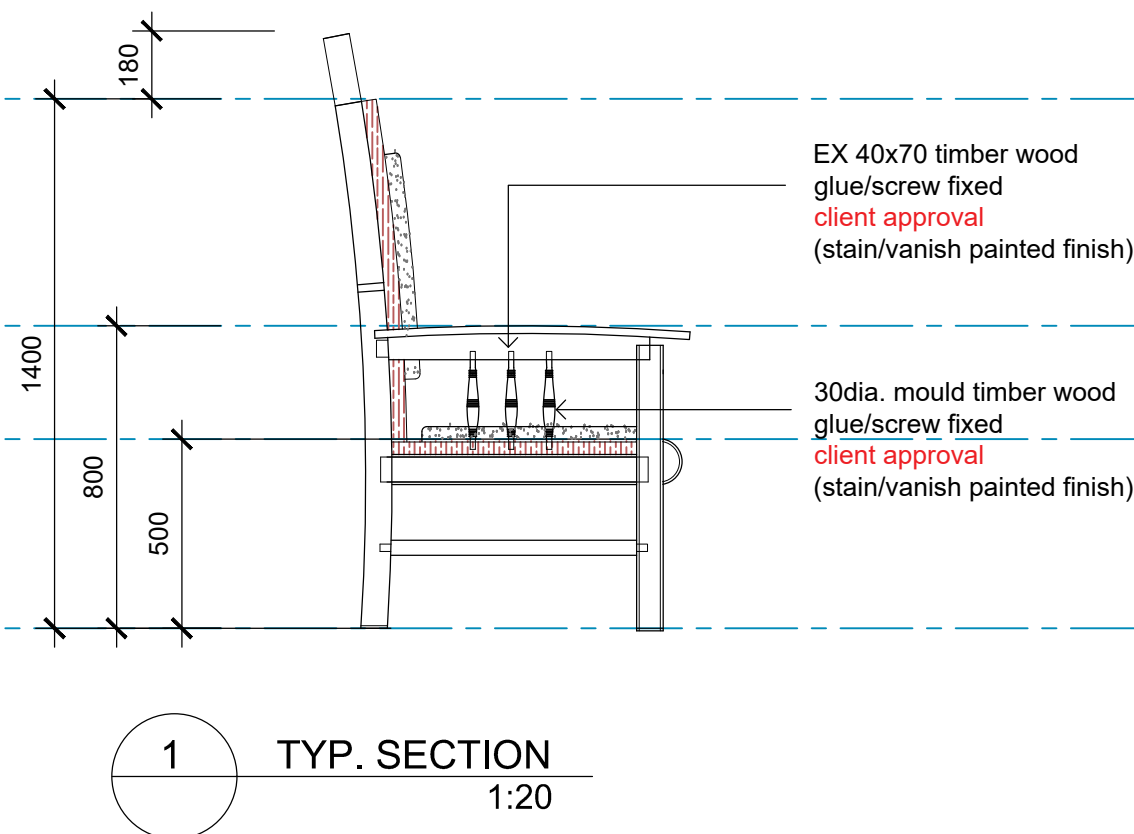
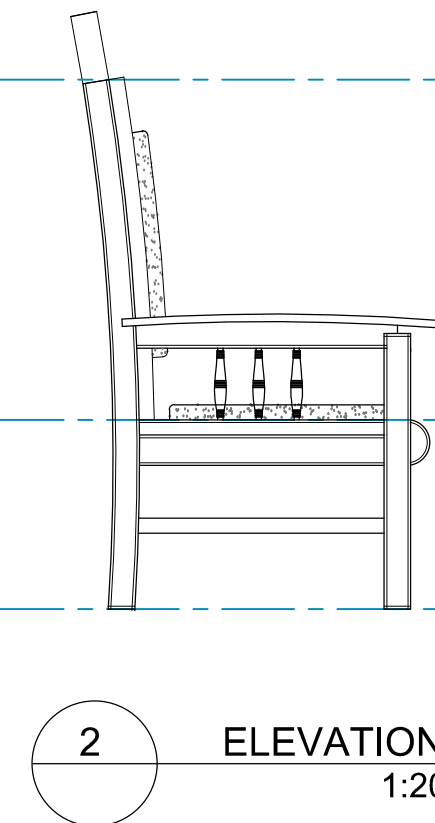
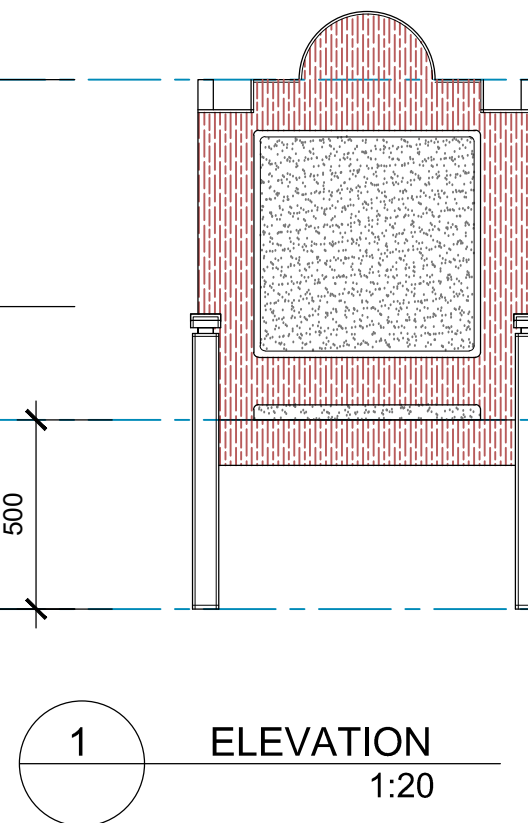
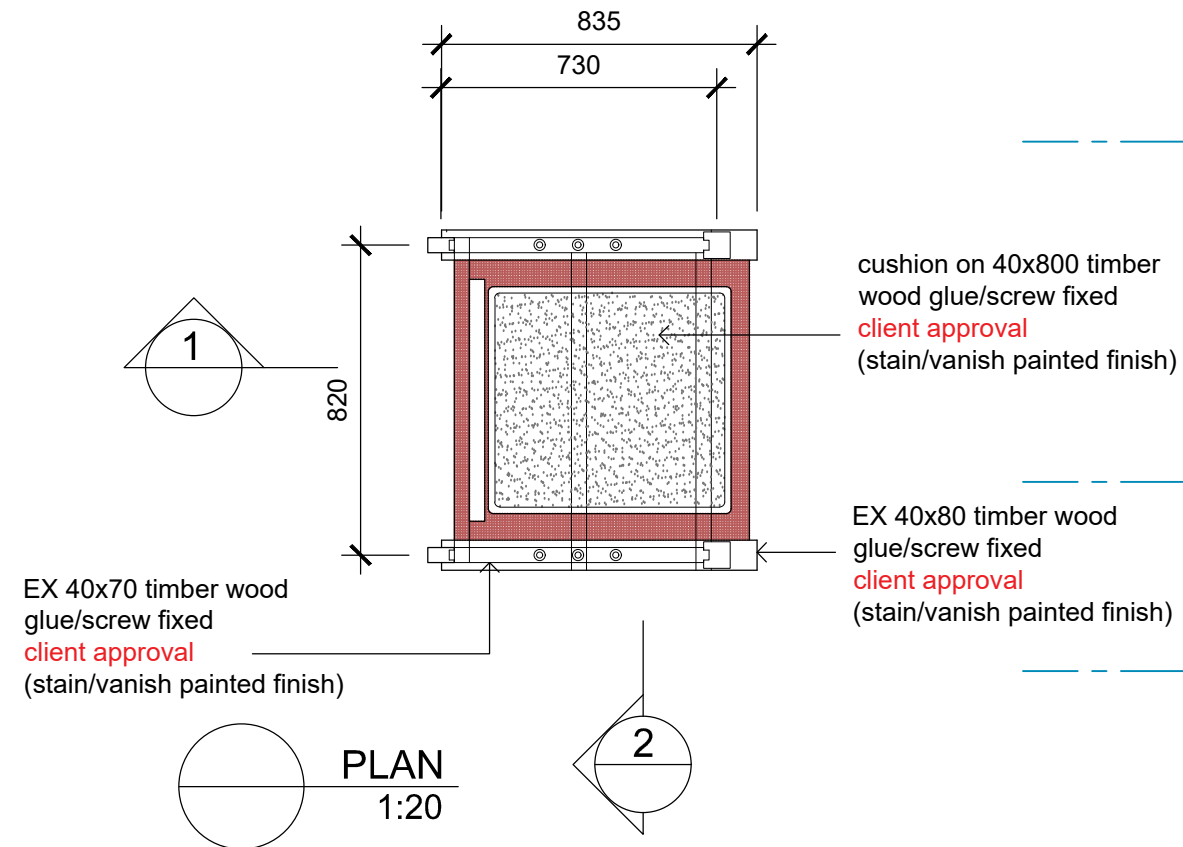
| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:20 (A3) | SHEET No: | A53 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



DETAIL
1:20

ELEVATION
1:20



ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
at Salelologa, Savaii

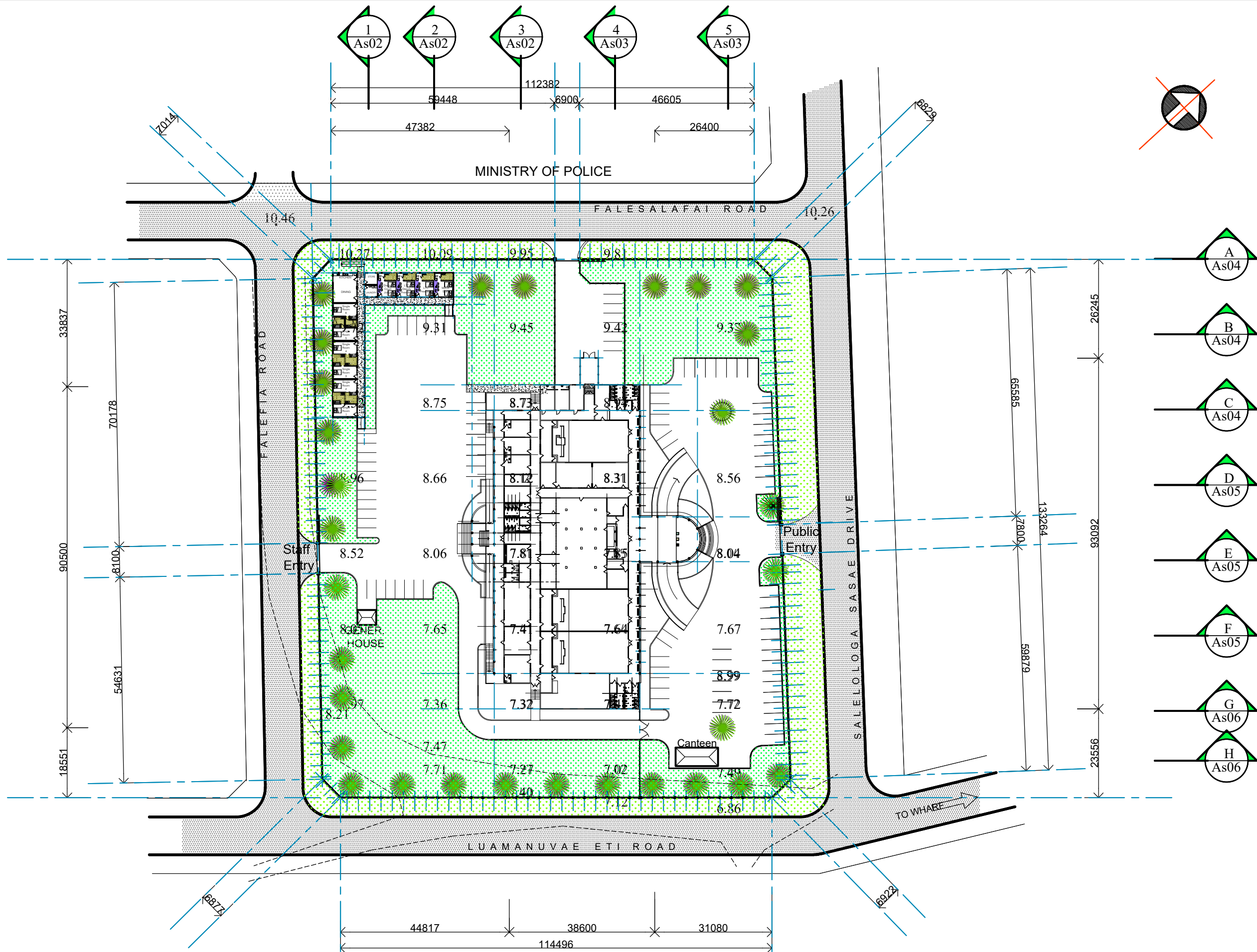


DRAWING TITLE:

CHAIR DETAIL
(Judges Only)

| | | | |
|-----------|-----------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:20 (A3) | SHEET No: | A56 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

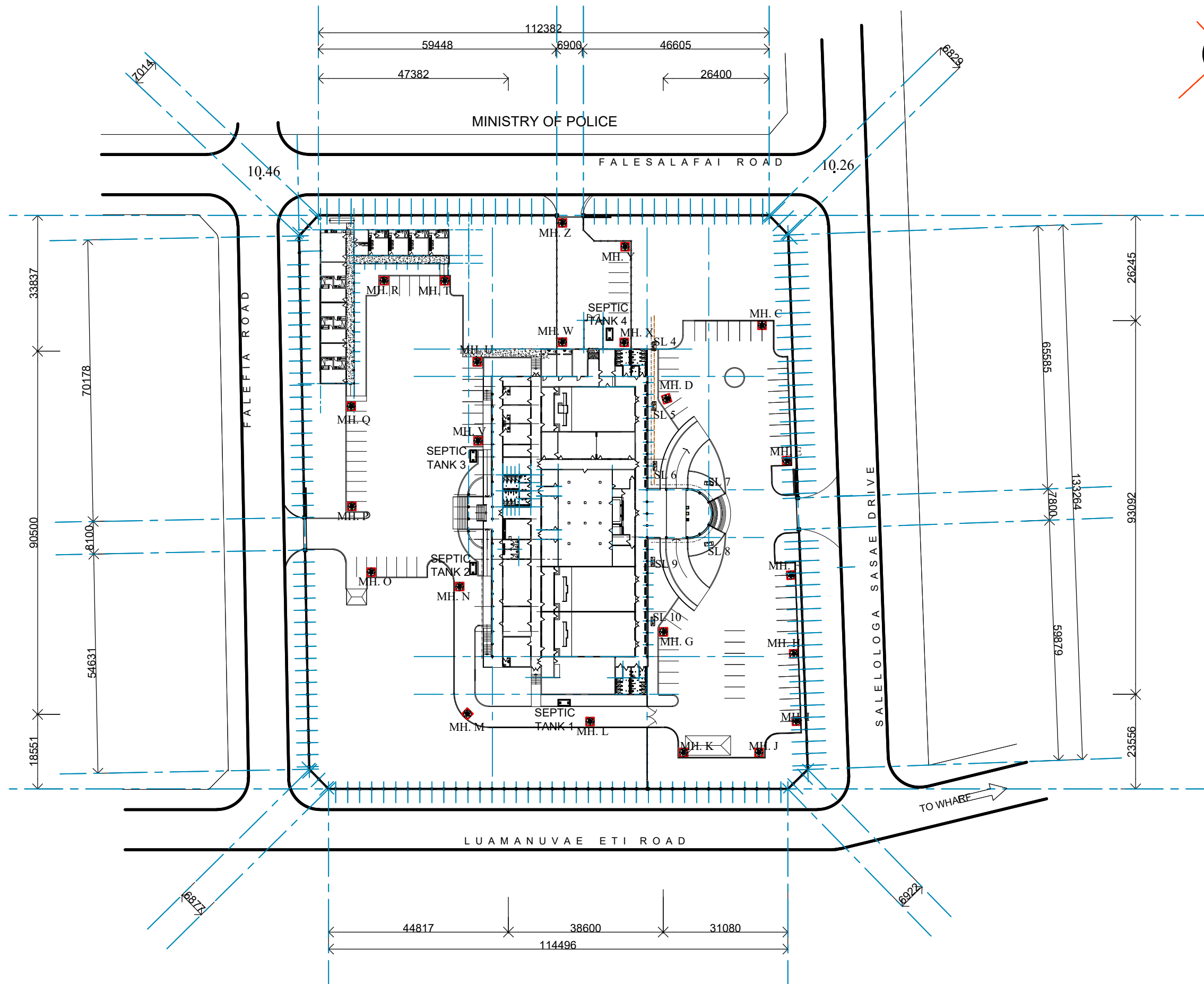
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

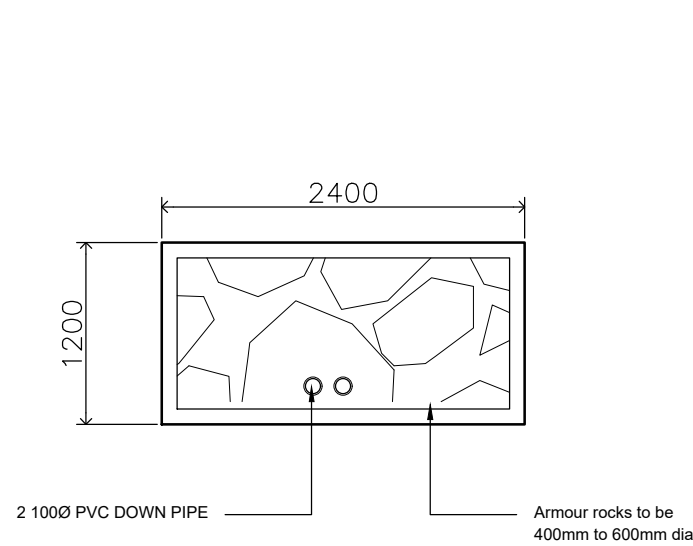
**PROPOSED MASTER SITE PLAN
(showing levels)**

| | | | |
|-----------|-------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:1000 (A3) | SHEET No: | C01 |

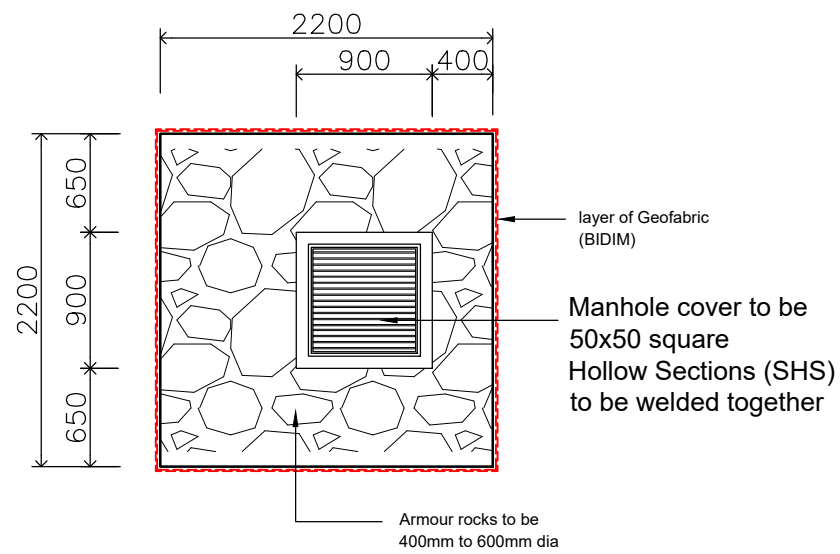


| LEGEND : | |
|----------|-----------------------------|
| | SEPTIC TANK |
| | MANHOLE/ SOAK-PIT |
| | PLANTER / SEATING |
| | RWP. / SPLASH / SOAK PIT |

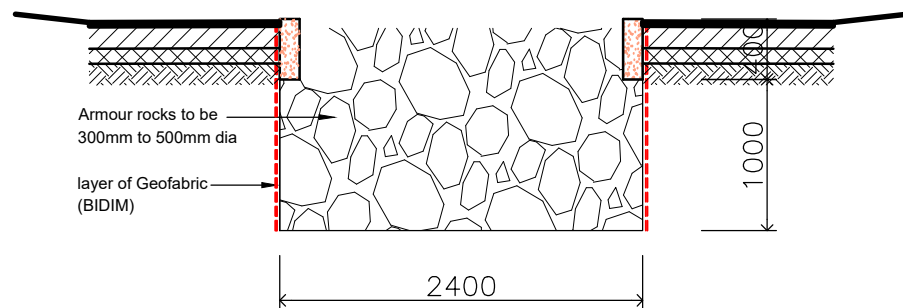




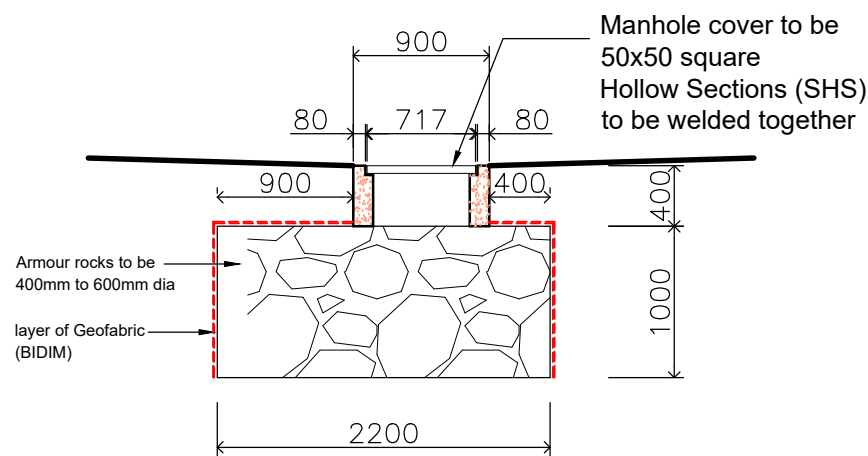
SL. SPLASH AREA
PLAN DETAIL 1:50



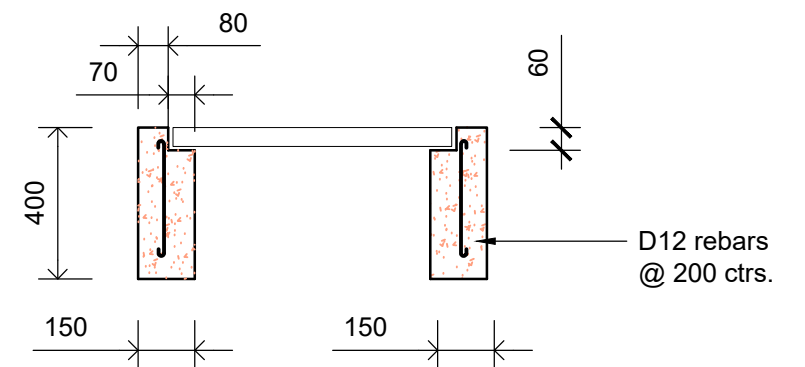
MH. MANHOLE & SOAKPIT
PLAN DETAIL 1:50



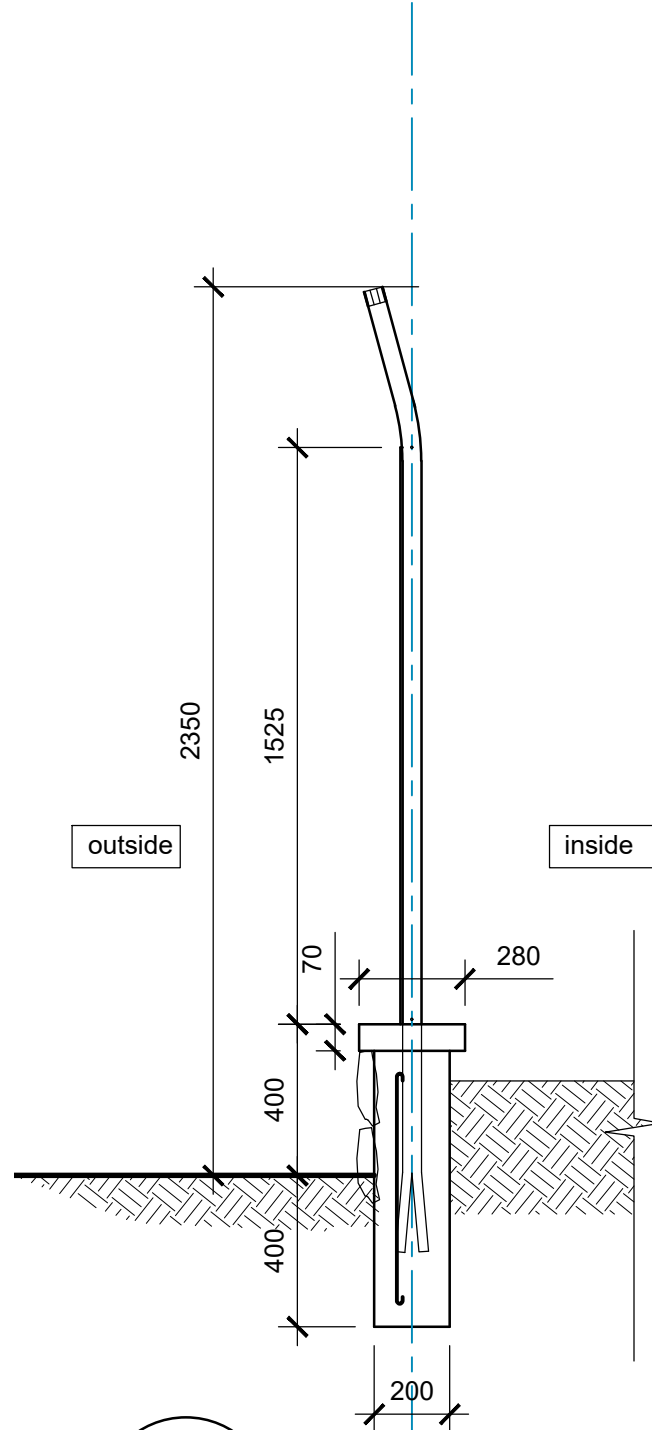
MH. SPLASH AREA
TYP. SECTION 1:50



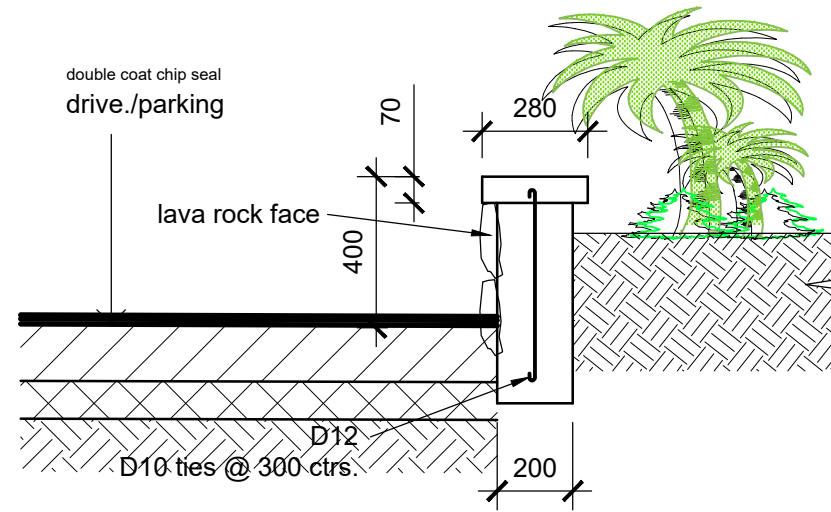
MH. MANHOLE & SOAKPIT
TYP. SECTION 1:50



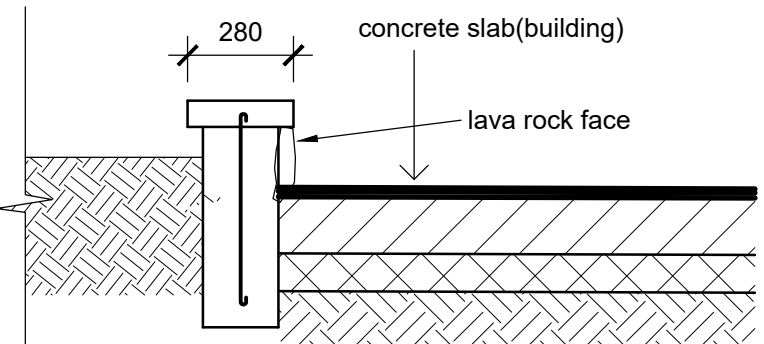
MANHOLE REINFORCEMENT
1:20



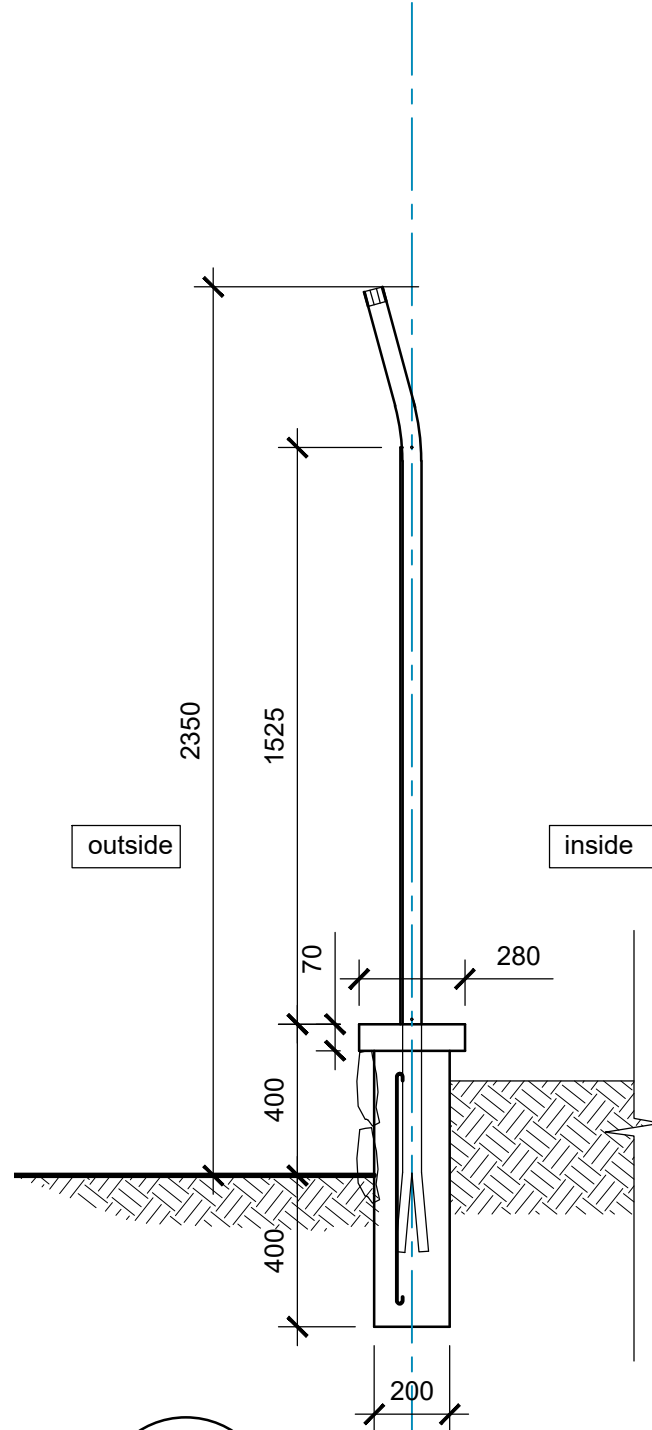
1 Typ. Sect. Thru Planter Box
SCALE 1:20
CONCRETE STRENGTH 20 MPA



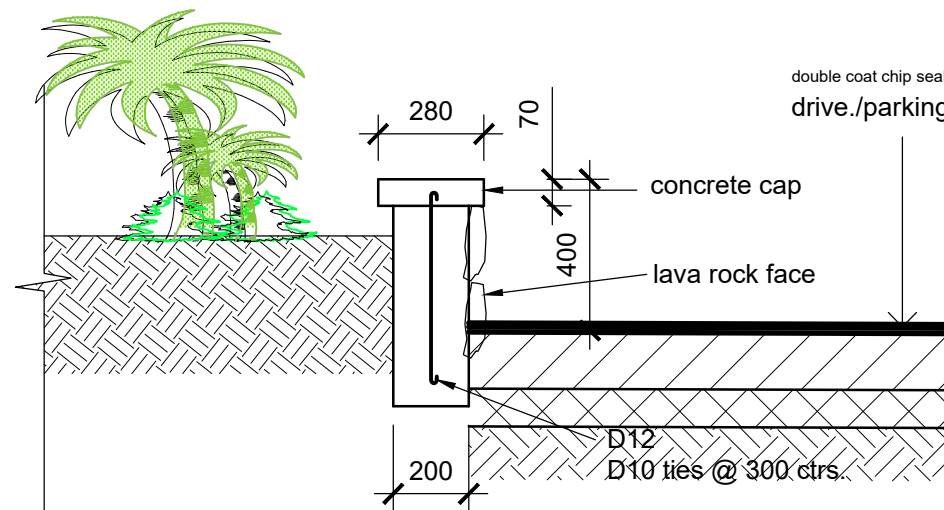
2 Typ. Sect. Thru Planter Box
SCALE 1:20
CONCRETE STRENGTH 20 MPA



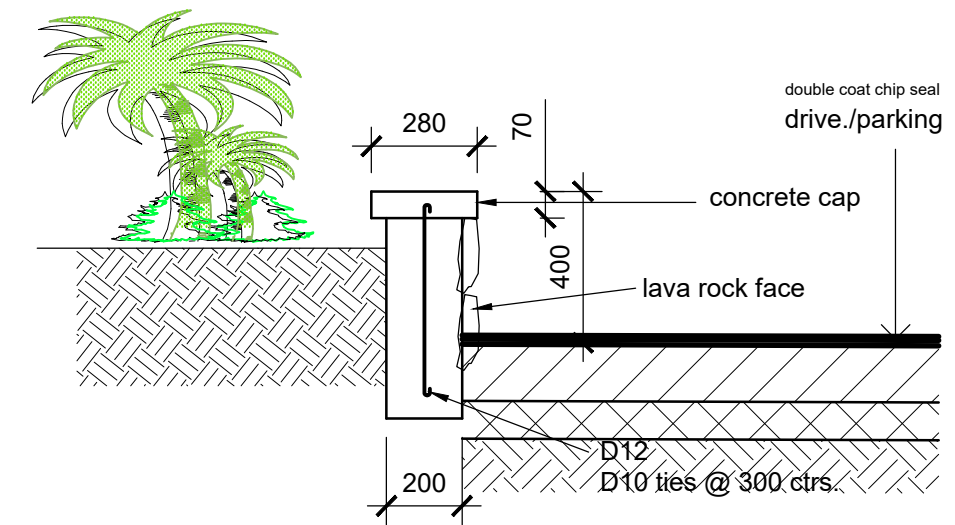
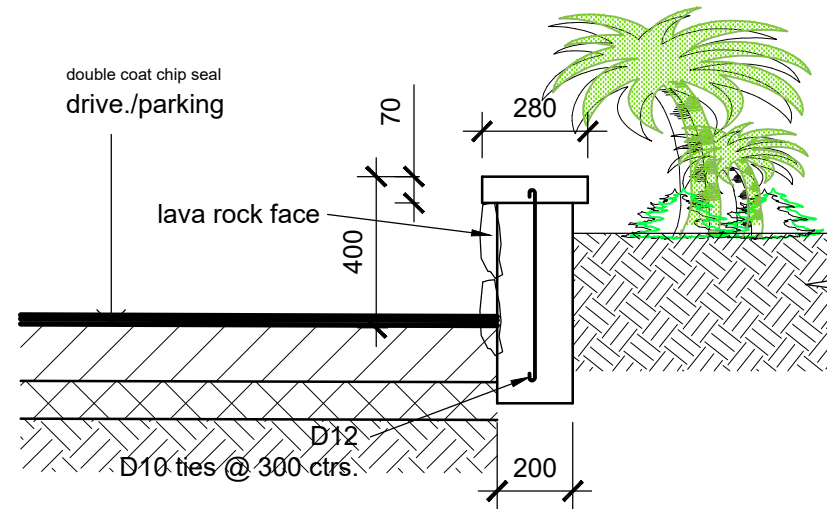
3 Typ. Sect. Thru Drive / Parking
SCALE 1:20
CONCRETE STRENGTH 20 MPA



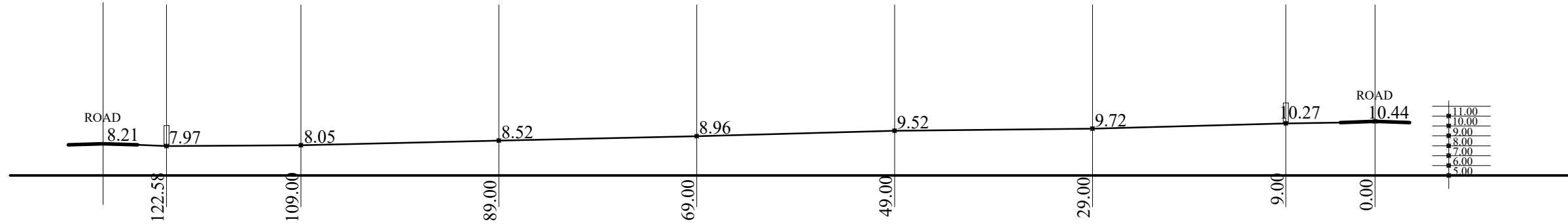
1 Typ. Sect. Thru Planter Box
SCALE 1:20
CONCRETE STRENGTH 20 MPA



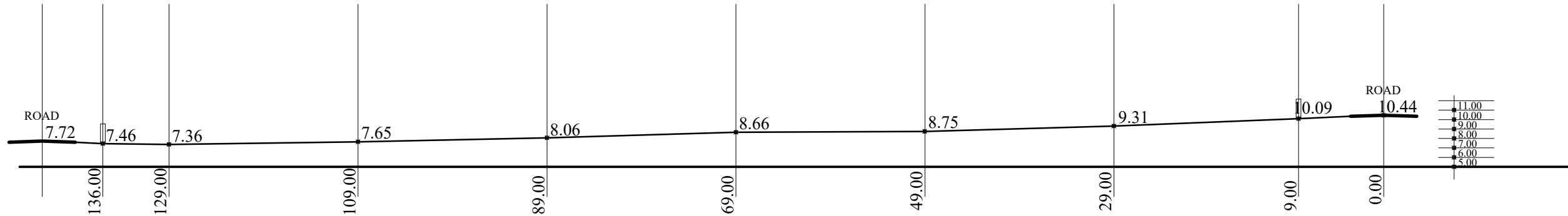
2 Typ. Sect. Thru Planter Box
SCALE 1:20
CONCRETE STRENGTH 20 MPA



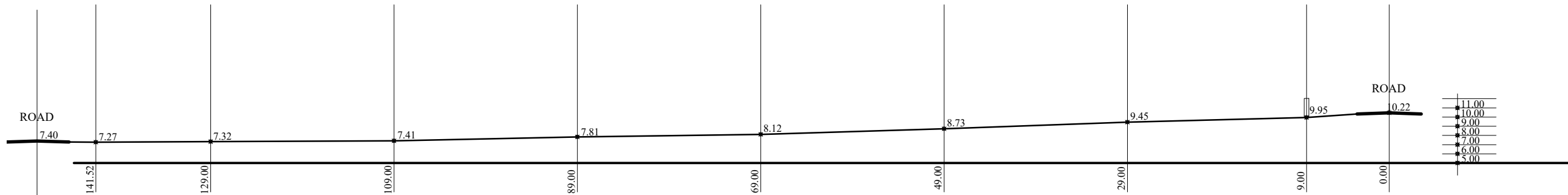
3 Typ. Sect. Thru Drive / Parking
SCALE 1:20
CONCRETE STRENGTH 20 MPA



1 CROSS SECTION
As01



2 CROSS SECTION
As01



3 CROSS SECTION
As01

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

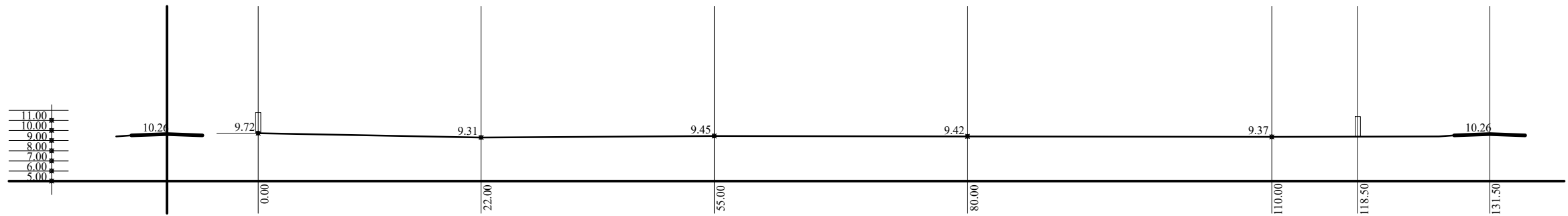
**PROPOSED MASTER SITE PLAN
EXISTING CROSS SECTIONS**

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:500 (A3) | SHEET No: | C05 |

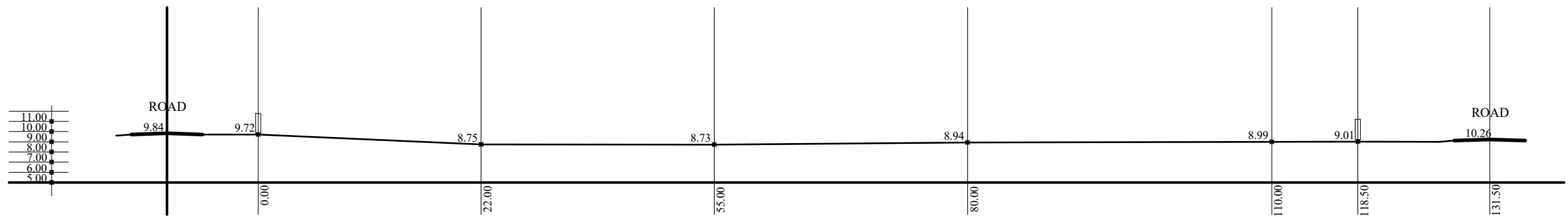




A CROSS SECTION
As01



B CROSS SECTION
As01

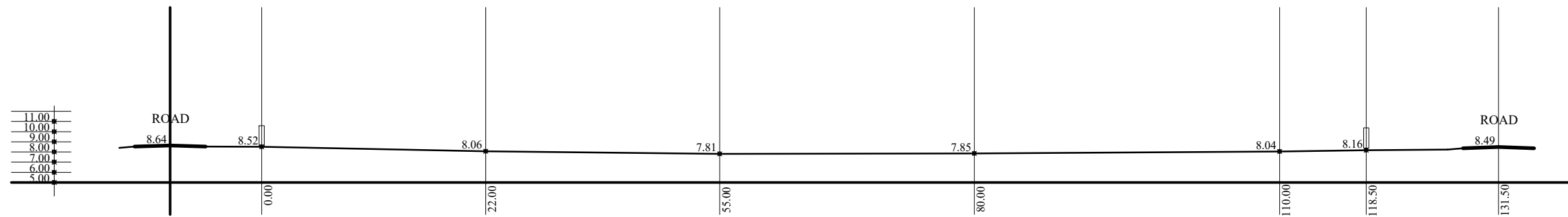


C CROSS SECTION
As01





D CROSS SECTION
As01



E CROSS SECTION
As01



F CROSS SECTION
As01

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

PROPOSED MASTER SITE PLAN
EXISTING CROSS SECTIONS

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:500 (A3) | SHEET No: | C08 |



G CROSS SECTION
As01



H CROSS SECTION
As01

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

**PROPOSED MASTER SITE PLAN
EXISTING CROSS SECTIONS**

| | | | |
|-----------|------------|---------------|-------------|
| DESIGNED: | VeS | DATE: | 02.02. 2024 |
| DRAWN: | VeS | DATE: | 02.02. 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02. 2024 |
| SCALE: | 1:500 (A3) | SHEET No: | C09 |



CONNECT TO
MAIN WATER
SUPPLY

SEPTIC
TANK 4

SEPTIC
TANK 1

4
H05

SEPTIC
TANK 3

SEPTIC
TANK 2

note:whb at cell
rooms are
stainless steel

PLUMBING LEGEND:

| | |
|--|----------------------|
| | 200 PVC WATER SUPPLY |
| | 1000 PVC WASTE PIPE |
| | 500 PVC WASTE PIPE |
| | 500 PVC WASTE PIPE |
| | EXTAPS |
| | FLOOR WASTE |

1
H02

2
H03

3
H04

ARCHITECTURAL CONSULTANTS:



ARCHITECTURAL CONSULTANTS:

- * ARCHITECTS.
- * PROJECT MANAGEMENT.
- * CONSTRUCTION SUPERVISION.
- * DRAFTING SERVICE.

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

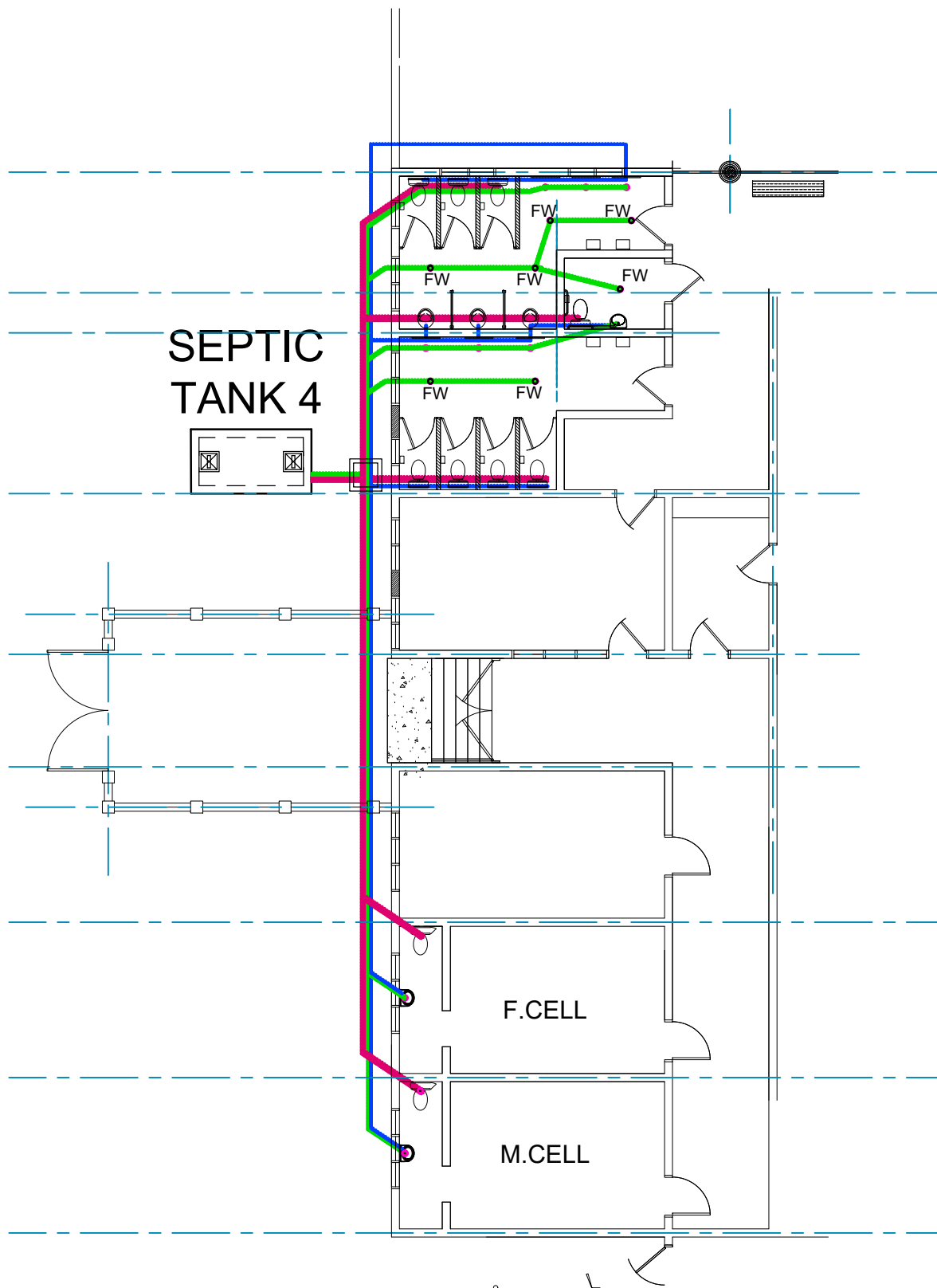


DRAWING TITLE:

PLUMBING LAYOUT PLAN :

| | | | |
|-----------|-----------|---------------|------------|
| DESIGNED: | VeS | DATE: | 02.02 2024 |
| DRAWN: | VeS | DATE: | 02.02 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02 2024 |
| SCALE: | 1:400(A3) | SHEET No: | H01 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



| PLUMBING LEGEND: | |
|--|-----------------------|
| | 200Ø PVC WATER SUPPLY |
| | 100Ø PVC WASTE PIPE |
| | 50Ø PVC WASTE PIPE |
| | 50Ø PVC WASTE PIPE |
| | EXTAPS |
| | FLOOR WASTE |
| note:whb at cell rooms are stainless steel | |

ARCHITECTURAL CONSULTANTS:



ARCHITECTURAL CONSULTANTS:

- * ARCHITECTS.
- * PROJECT MANAGEMENT.
- * CONSTRUCTION SUPERVISION.
- * DRAUGHTING SERVICE.

PROJECT TITLE:

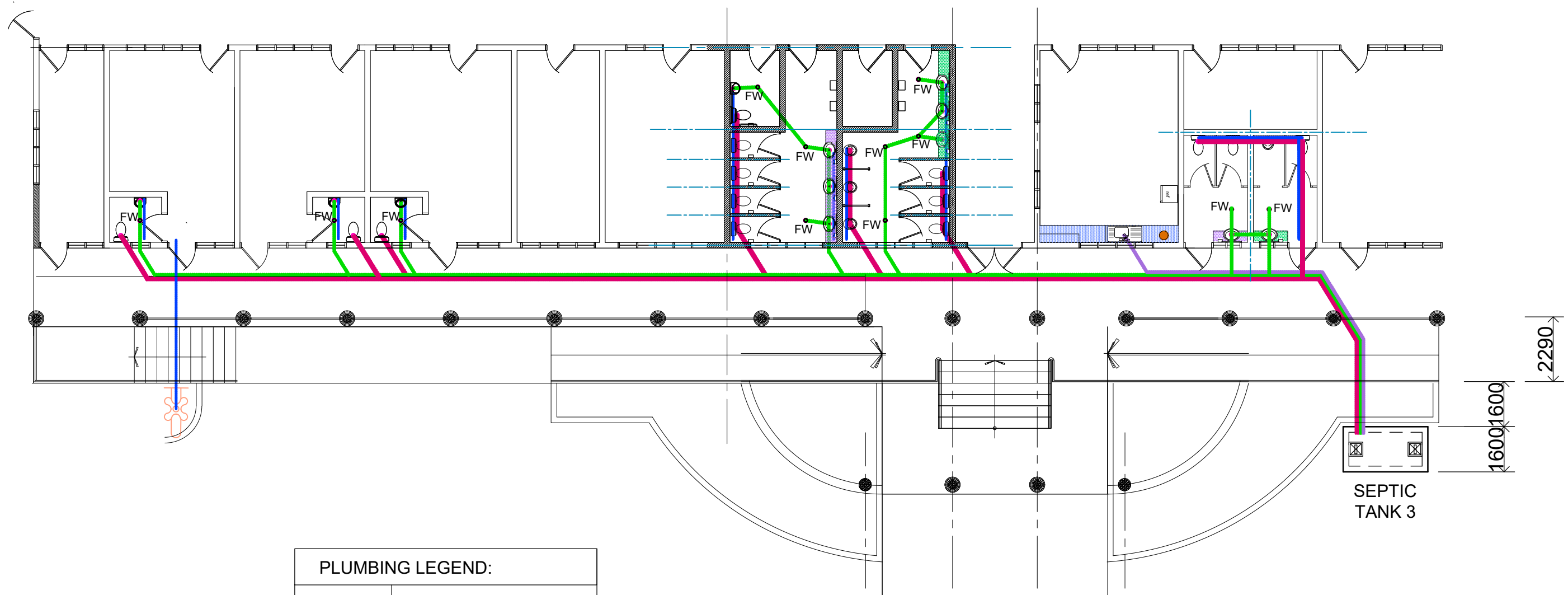
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

PLUMBING LAYOUT
DETAIL PLAN 1 :

| | | | |
|-----------|-----------|---------------|------------|
| DESIGNED: | VeS | DATE: | 02.02 2024 |
| DRAWN: | VeS | DATE: | 02.02 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02 2024 |
| SCALE: | 1:150(A3) | SHEET No: | H02 |



PLUMBING LEGEND:

| | |
|--|----------------------|
| | 200 PVC WATER SUPPLY |
| | 100 PVC WASTE PIPE |
| | 50 PVC WASTE PIPE |
| | 50 PVC WASTE PIPE |
| | EXTAPS |
| | FLOOR WASTE |

ARCHITECTURAL CONSULTANTS:



ARCHITECTURAL CONSULTANTS:

- * ARCHITECTS.
- * PROJECT MANAGEMENT.
- * CONSTRUCTION SUPERVISION.
- * DRAFTING SERVICE.

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

**PLUMBING LAYOUT
DETAIL PLAN 2 :**

DESIGNED:

VeS

DRAWN:

VeS

CHECKED:

V/S

SCALE:

1:150(A3)

DATE:

02.02 2024

DATE:

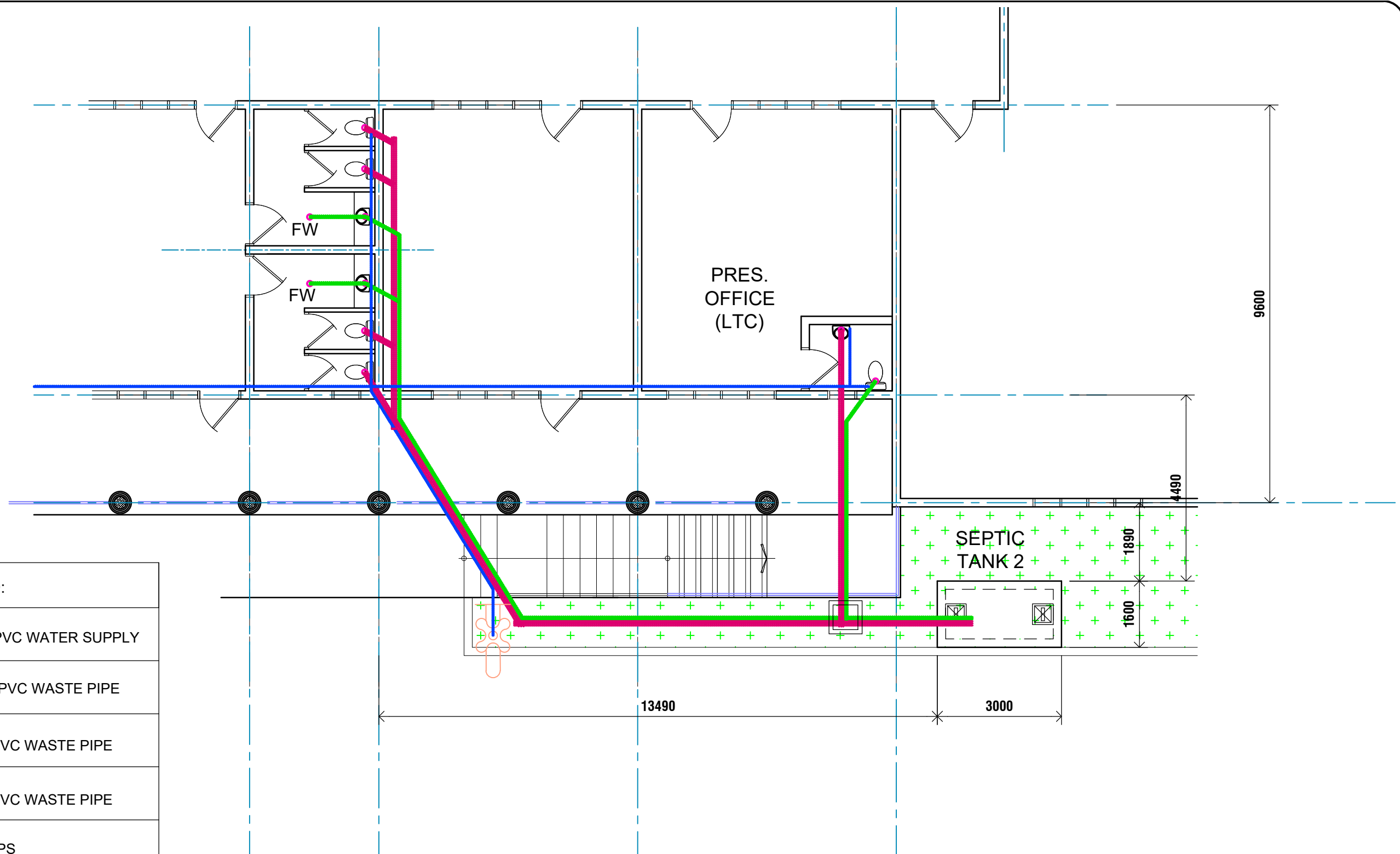
02.02 2024







PRINT ISSUED:

02.02 2024

SHEET No:

H03



| PLUMBING LEGEND: | |
|---|----------------------|
|  | 20Ø PVC WATER SUPPLY |
|  | 100Ø PVC WASTE PIPE |
|  | 50Ø PVC WASTE PIPE |
|  | 50Ø PVC WASTE PIPE |
|  | EXTAPS |
|  | FLOOR WASTE |

ARCHITECTURAL CONSULTANTS:



ARCHITECTURAL CONSULTANTS:

- * ARCHITECTS.
- * PROJECT MANAGEMENT.
- * CONSTRUCTION SUPERVISION.
- * DRAFTING SERVICE.

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

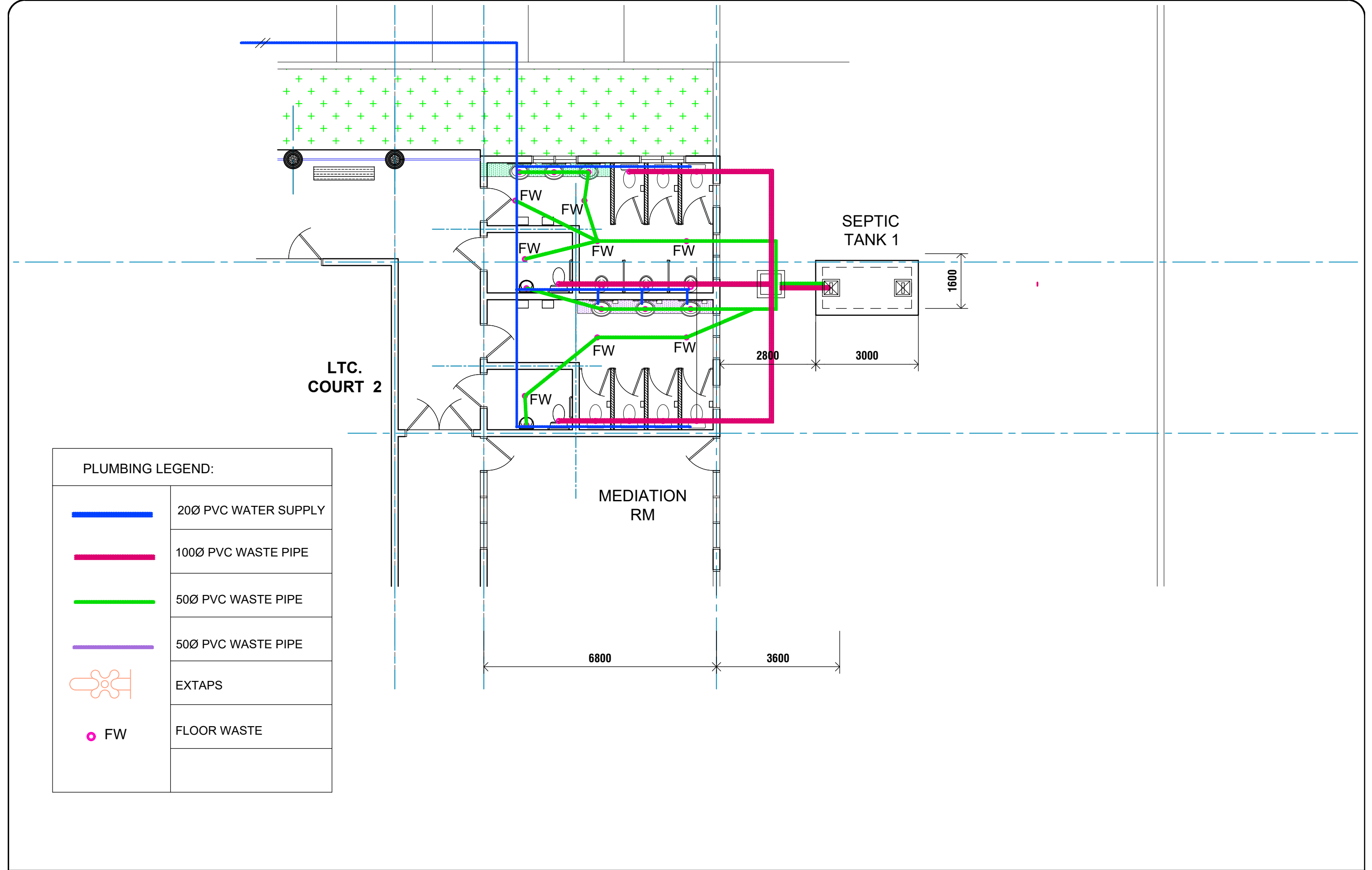


DRAWING TITLE:

**PLUMBING LAYOUT
DETAIL PLAN 3 :**

| | | | |
|-----------|-----------|---------------|------------|
| DESIGNED: | VeS | DATE: | 02.02 2024 |
| DRAWN: | VeS | DATE: | 02.02 2024 |
| CHECKED: | V/S | PRINT ISSUED: | 02.02 2024 |
| SCALE: | 1:100(A3) | SHEET No: | H04 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



ARCHITECTURAL CONSULTANTS:



ARCHITECTURAL CONSULTANTS:

- * ARCHITECTS.
- * PROJECT MANAGEMENT.
- * CONSTRUCTION SUPERVISION.
- * DRAFTING SERVICE.

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

**PLUMBING LAYOUT
DETAIL PLAN 4 :**

DESIGNED:

VeS

DRAWN:

VeS

CHECKED:

V/S

SCALE:

1:100(A3)

DATE:

02.02 2024

DATE:

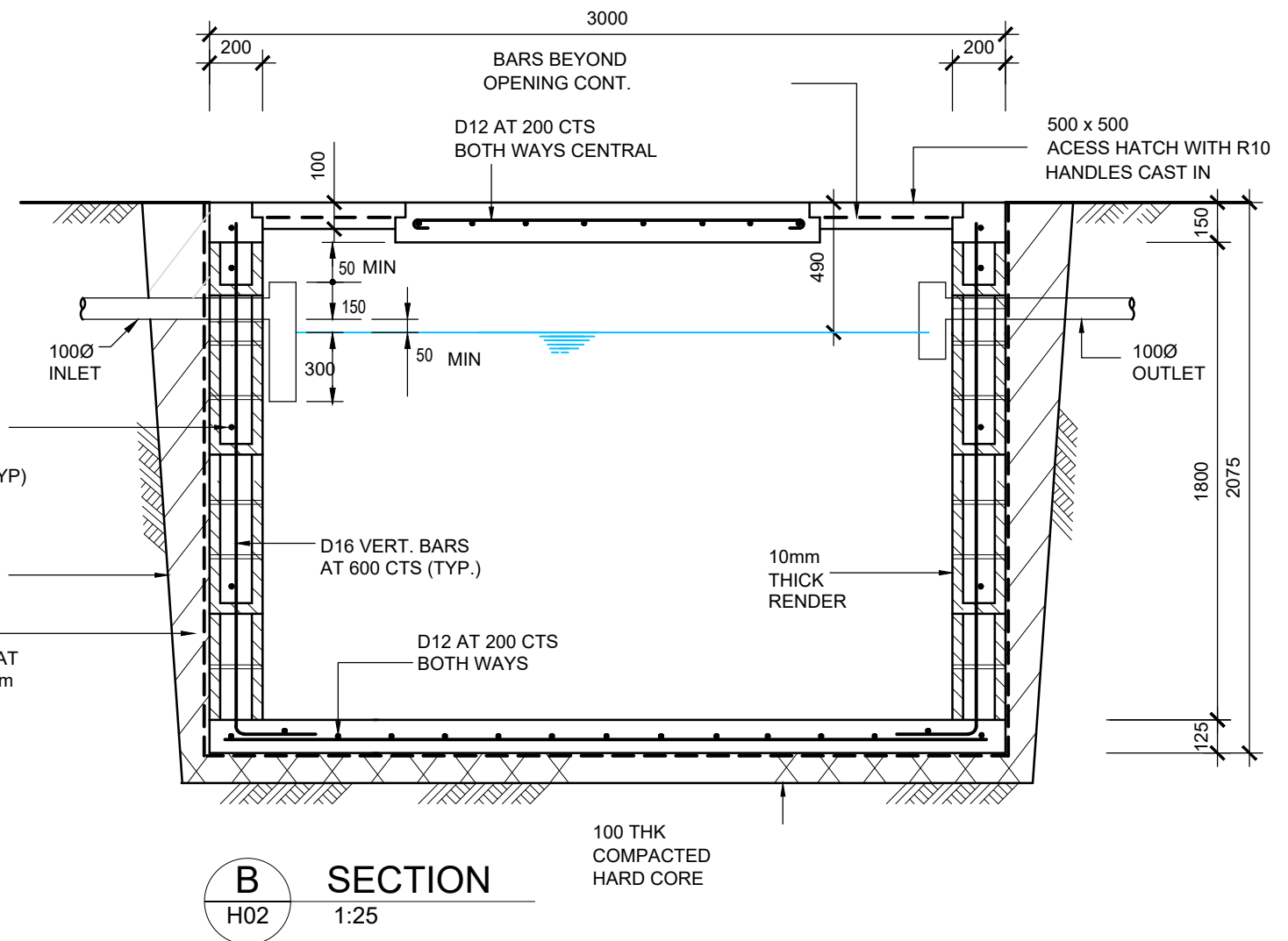
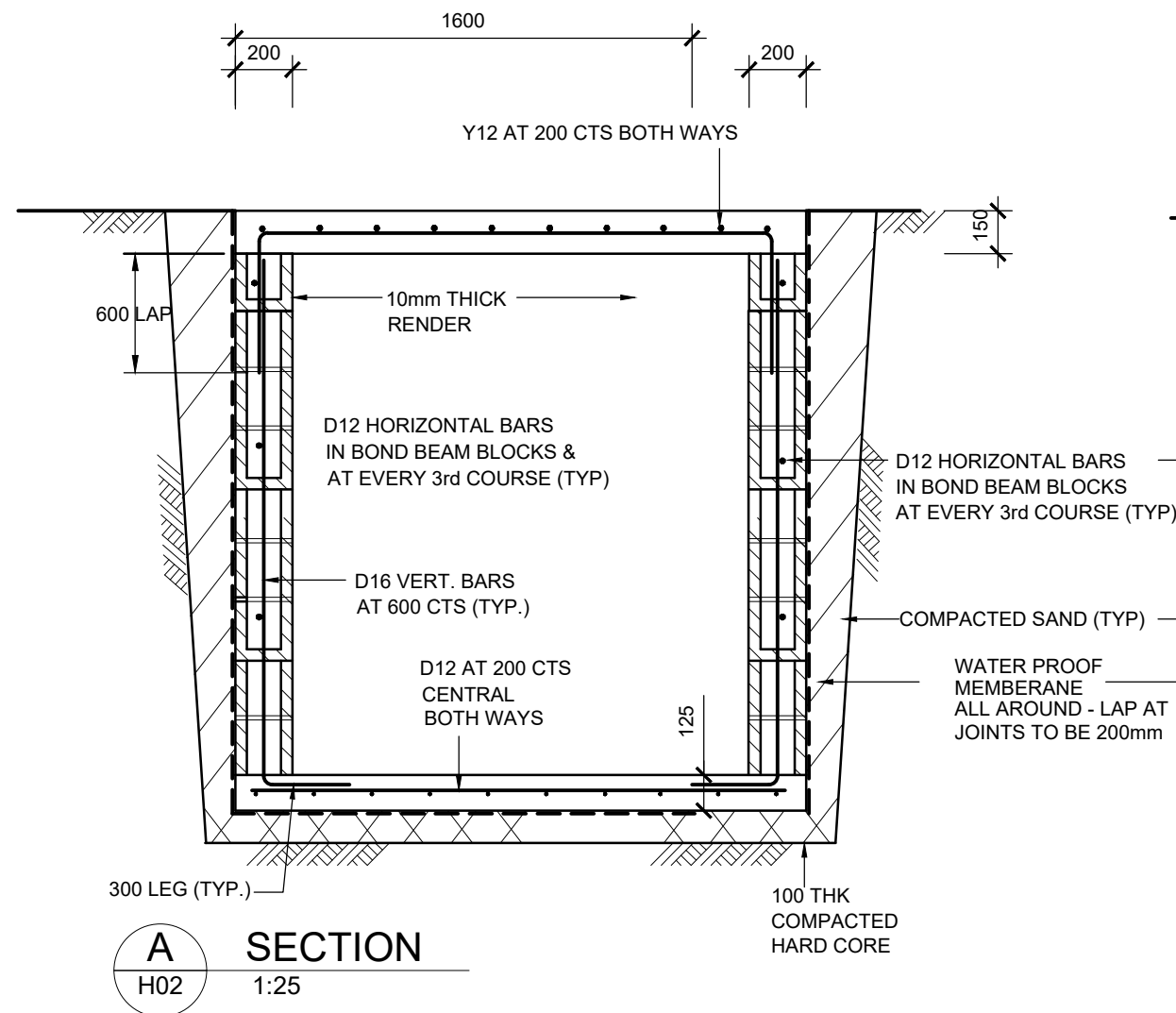
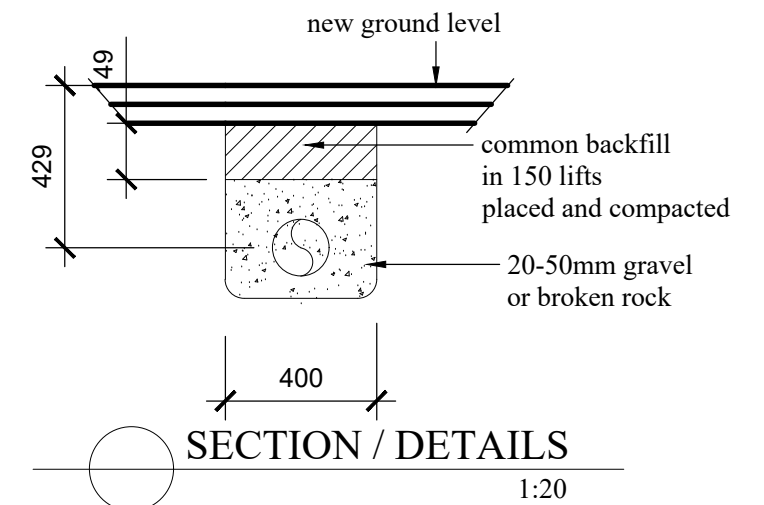
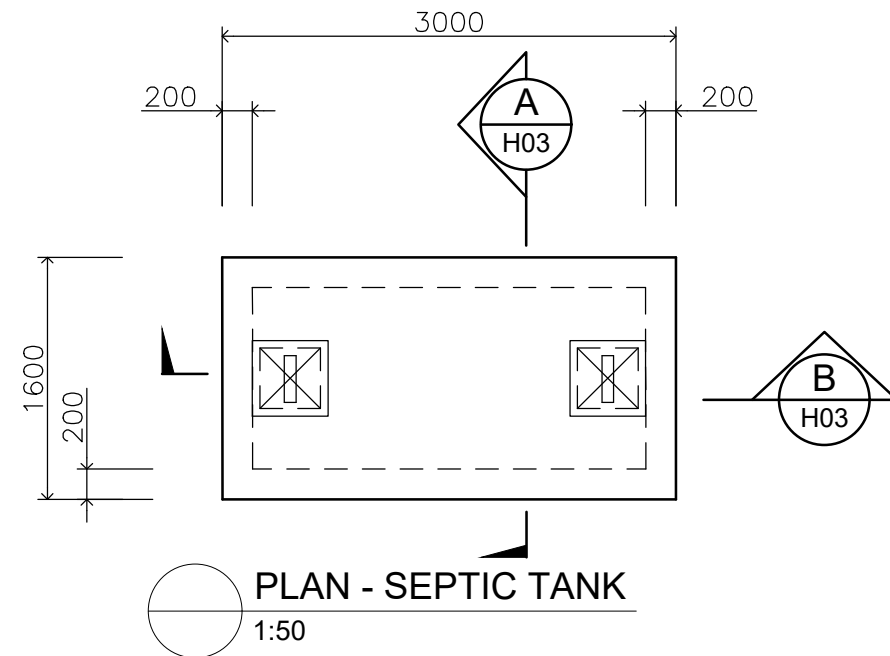
02.02 2024

PRINT ISSUED:

02.02 2024

SHEET No:

H05



ARCHITECTURAL CONSULTANTS:



ARCHITECTURAL CONSULTANTS:

- * ARCHITECTS.
- * PROJECT MANAGEMENT.
- * CONSTRUCTION SUPERVISION.
- * DRAFTING SERVICE.

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

PLUMBING LAYOUT PLAN :

DESIGNED:

VeS

DRAWN:

VeS

CHECKED:

V/S

SCALE:

as shown

DATE:

02.02 2024

DATE:

02.02 2024

PRINT ISSUED:

02.02 2024

SHEET No:

H06

| DWG NUMBERS | SHEET TITLE |
|-------------|--|
| E000 | ELECTRICAL SERVICES - COVER SHEET |
| E001 | ELECTRICAL SERVICES - SCHEDULE OF DRAWINGS/LEGEND/LOCALITY PLAN/SCHEDULE OF LUMINARIES |
| E002 | ELECTRICAL SERVICES - ELECTRICAL DETAILS /GENERAL NOTES/ABBREVIATION |
| E003 | ELECTRICAL SERVICES - SITE PLAN LIGHTING LAYOUT |
| E004 | ELECTRICAL SERVICES - MAIN RETICULATION DISTRIBUTION SYSTEM |
| E005 | ELECTRICAL SERVICES - DISTRIBUTION BOARDS DETAIL SHEET 1 OF 2 |
| E006 | ELECTRICAL SERVICES - DISTRIBUTION BOARDS DETAIL SHEET 2 OF 2 |
| E100 | ELECTRICAL SERVICES - COURTHOUSE LIGHTING PLAN |
| E101 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 1 OF 4 |
| E102 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 2 OF 4 |
| E103 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 3 OF 4 |
| E104 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE LIGHTING PLAN SHEET 4 OF 4 |
| E200 | ELECTRICAL SERVICES - COURTHOUSE POWER PLAN |
| E201 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 1 OF 4 |
| E202 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 2 OF 4 |
| E203 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 3 OF 4 |
| E204 | ELECTRICAL SERVICES - PARTIAL COURTHOUSE POWER PLAN SHEET 4 OF 4 |
| E300 | ELECTRICAL SERVICES - ELECTRICAL SERVICES - JUDGES RESIDENCE LIGHTING PLAN |
| E400 | ELECTRICAL SERVICES - JUDGES RESIDENCE POWER PLAN |
| E500 | ELECTRICAL SERVICES - DESIGN LIGHTING SCHEDULE |

GENERAL NOTES:

- DRAWINGS E01 TO E16 SHALL BE READ IN CONJUNCTION WITH THE ELECTRICAL SPECIFICATION
- IT SHALL BE THE RESPONSIBILITY OF THE FIRM OR PERSONS SUBMITTING THE TENDER TO VISIT THE SITE WITH THE OBJECT OF OBTAINING A FULL UNDERSTANDING OF THE REQUIREMENTS OF WORK INVOLVED IN THIS PROJECT
- CONFIRM EXACT LOCATION OF ALL DOORS AND DOOR SWINGS WITH THE ARCHITECT PRIOR TO LIGHT SWITCH AND WIRING INSTALLATION.
- UNLESS STATED OTHERWISE ALL LIGHT SWITCHES TO BE MOUNTED AT 1300 AFFL AND SOCKET-OUTLETS TO BE MOUNTED AT 300 AFFL.
- ALL CONDUITS SHALL BE INSTALLED COMPLETE WITH PLASTIC COATED DRAW WIRES.
- WHERE EMERGENCY LIGHTING INVERTER KITS ARE UNABLE TO BE INSTALLED WITHIN THE LUMINAIRE THEY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION AS AGREED WITH ARCHITECT.
- ALL CABLES SHALL BE RUN SO DE-RATING FACTORS DO NOT OCCUR. HOWEVER IF THIS IS IMPRACTICAL PROVIDE NOTIFICATION IN WRITING AND UPGRADE CABLE SIZES ACCORDINGLY.
- ANY PENETRATION LESS THAN Ø80mm DIAMETER SHALL BE THE ELECTRICAL SUB-CONTRACTOR'S RESPONSIBILITY. PROVIDE ALL NECESSARY PENETRATIONS THROUGH CONCRETE, BRICKWORK AND BUILDING FINISHES TO ACCOMMODATE PIPEWORK. PENETRATIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. PENETRATIONS REQUIRED THROUGH CONSTRUCTED MATERIALS AND PRECAST SLABS SHALL BE CORE DRILLED. ALL PENETRATIONS ARE TO BE SEALED IN AN APPROVED MANNER.

ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" **PROPOSED COURT HOUSE** "
at Salelologa, Savaii



DRAWING TITLE:

ELECTRICAL SERVICES
SCHEDULE OF DRAWINGS
LEGEND/LOCALITY
PLAN/SCHEDULE OF LUMINARIES

DESIGNED:

MSM

DATE:

02/02/24

DRAWN:

SK

DATE:

02/02/24

CHECKED:

MSM

PRINT ISSUED:

02/02/24

SCALE:

AS NOTED

SHEET No:

E001

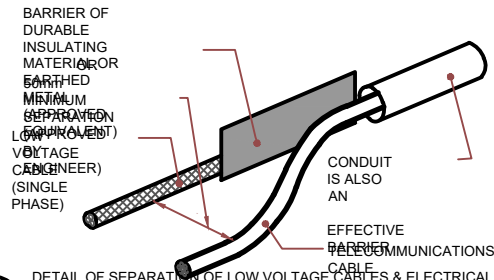
Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

| LEGEND | | | |
|--------|--|--------|--|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| | MAIN SWITCHBOARD | | LIGHTNING PROTECTION GROUND ROD LOCATION |
| | DISTRIBUTION BOARD | | CIRCUIT BREAKER - RCBO TYPE - BREAKERS SHALL BE SINGLE POLE. SCHNEIDER ELECTRIC OR APPROVED EQUIVALENT |
| | ONE WAY LIGHT SWITCH PDL 600 SERIES 681 OR APPROVED EQUIVALENT | | CIRCUIT BREAKER SCHNEIDER ELECTRIC OR APPROVED EQUIVALENT |
| | FAN SPEED CONTROLS SWITCH PDL 625F OR APPROVED EQUIVALENT | | MAIN SWITCH / ISOLATOR SCHNEIDER ELECTRIC OR APPROVED EQUIVALENT |
| | TWO WAY LIGHT SWITCH PDL 600 SERIES 681 OR APPROVED EQUIVALENT | | SINGLE PHASE |
| | INTERMEDIATE LIGHT SWITCH PDL 600 SERIES 681 OR APPROVED EQUIVALENT | | THREE PHASE |
| | WEATHERPROOF ONE WAY LIGHT SWITCH PDL WP SERIES WSW201 OR APPROVED EQUIVALENT | | POWER FACTOR CORRECTION UNIT |
| | WEATHERPROOF TWO WAY LIGHT SWITCH PDL WP SERIES WSW201 OR APPROVED EQUIVALENT | | T.E.C. KILOWATT HOUR METER(S). |
| | IP66 SUNSET SWITCH PDL (56SS10WE) OR APPROVED EQUIVALENT | | AMMETER |
| | LIGHTING SUB-CIRCUIT SWITCHED AT LIGHTING CONTROL PANEL NUMBER DENOTES LCP NUMBER | | VOLTMETER |
| | SINGLE SWITCHED 10 AMP SOCKET OUTLET PDL 694 OR APPROVED EQUIVALENT | | CURRENT TRANSFORMER |
| | DITTO MOUNTED ABOVE BENCH | | T.E.C CUT-OUT FUSE |
| | DOUBLE SWITCHED 10 AMP SOCKET OUTLET PDL 695 OR OR APPROVED EQUIVALENT | | AUTOMATIC TRANSFER SWITCH WITH MECHANICAL AND ELECTRICAL INTERLOCKS |
| | DITTO MOUNTED ABOVE BENCH | | TELECOMMUNICATIONS SERVICES |
| | DOUBLE SOCKET OUTLET FLOOR CLIPSAL FFBCA2PTD OR APPROVED EQUIVALENT | | TELEPHONE MAIN DISTRIBUTION FRAME / BUILDING DISTRIBUTOR |
| | FULL SHADED SOCKET OUTLET COMPLETE WITH RED COVER PLATE RUNS ON UPS LINE | | FLOOR DISTRIBUTOR |
| | SHAVER SUPPLY SOCKET OUTLET APPROVED EQUIVALENT | | SINGLE TELECOMMUNICATIONS OUTLET - WALL MOUNTED. |
| | SINGLE SWITCHED 15 AMP SOCKET OUTLET PDL 691 OR APPROVED EQUIVALENT | | DOUBLE TELECOMMUNICATIONS OUTLET - WALL MOUNTED. |
| | THREE PHASE, 415V SWITCHED SOCKET OUTLET PDL 56 SERIES OR APPROVED EQUIVALENT - REFER DWG FOR RATING | | |
| | WEATHER-PROOF IP66 ISOLATOR PDL WR340M OR APPROVED EQUIVALENT - REFER DWG FOR RATING | | |
| | DYSON AIRBLADE MK2/V HAND DRYER OR APPROVED EQUIVALENT | | |
| | 2 x DIAMETER CONDUITS INSTALLED IN WALL CEILING SPACE AND BACK OF SERVICES DUCT | | |
| | TOP VALUE DENOTES NUMBER OF HEAVY CONDUIT BOTTOM VALUE DENOTES SIZE OF DIAMETER OF HEAVY DUTY CONDUIT | | |

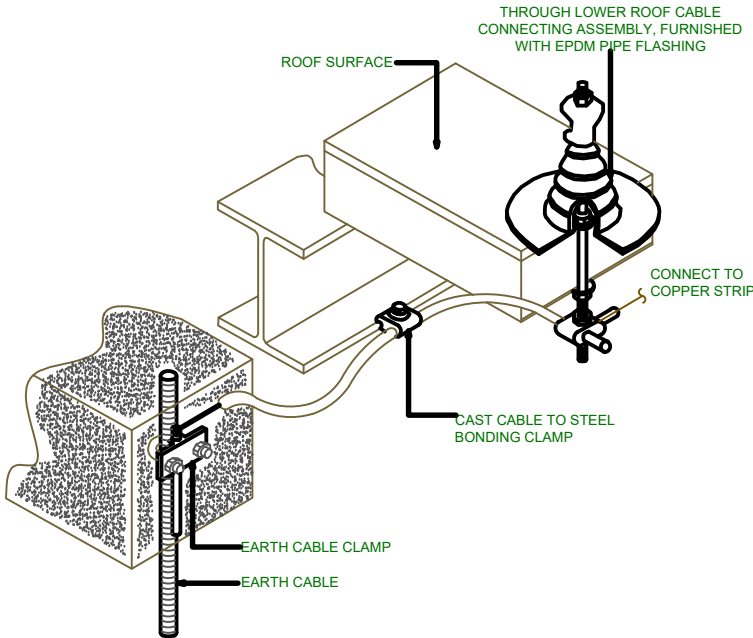
| SCHEDULE OF LUMINAIRES | | | | |
|------------------------|---------|---|--------------------------------------|----------------------------------|
| INDEX | SYMBOLS | DESCRIPTION | MANUFACTURER | CAT. NUMBER |
| A1 | | ASTI - SURFACE MOUNTING LED DOWNLIGHT FOR FUNCTION AND ACCENTING APPLICATIONS | VERSALUX OR APPROVED EQUIVALENT | ATP_LxH_4080_22 |
| D2 | | COMO WHITE - RECESSED LED DOWNLIGHT | VERSALUX OR APPROVED EQUIVALENT | CW3_NB_xx_4K |
| D4 | | COMO WHITE - RECESSED DOWNLIGHT | VERSALUX OR APPROVED EQUIVALENT | CW3_NB_xx_4K |
| D5 | | COMO BLACK M - RECESSED LED DOWNLIGHT | VERSALUX OR APPROVED EQUIVALENT | CBM4_NBxx4K_X |
| EN | | ENDURALUX - ANTI-LIGATURE DESIGN IP54 JOULE IMPACT RESISTANCE | VERSALUX OR APPROVED EQUIVALENT | ENDURALUXLEDF975-3280 |
| L3 | | INFINITI - VERSATILE EXTRUDED LED LIGHTING SYSTEM | VERSALUX OR APPROVED EQUIVALENT | INFINITI-P4.OMUL.84 |
| S1 | | SUSA 3 - SURFACE MOUNTING LED DOWNLIGHT | VERSALUX OR APPROVED EQUIVALENT | SUSA_4NBxx4K_W |
| S2 | | SUSA 4 - SURFACE MOUNTED LED DOWNLIGHT | VERSALUX OR APPROVED EQUIVALENT | SUSA_3NBxx4K_W |
| P1 | | LUCCA - LOW PROFILE CIRCULAR LUMINAIRE FOR SUSPENDED APPLICATION | VERSALUX OR APPROVED EQUIVALENT | LUCCA - LUO_6501Ux_4090_x |
| TH1 | | THEATRE - COI COMPLIANT IP65 LED PANEL LUMINAIRE. | VERSALUX OR APPROVED EQUIVALENT | theatre_LxH_4090_22 |
| EM | | LED EMERGENCY DISK LUMINAIRES | HPM / LEGRAND OR APPROVED EQUIVALENT | EMERGENCY LIGHT - NON MAINTAINED |
| EM1 | | LED IP65 EMERGENCY DISK LUMINAIRES | HPM / LEGRAND OR APPROVED EQUIVALENT | EMERGENCY LIGHT - NON MAINTAINED |
| EX | | LED MAINTAINED EMERGENCY RUNNING MAN LUMINAIRES | HPM / LEGRAND OR APPROVED EQUIVALENT | EXIT LUMINAIRES - MAINTAINED |
| EX1 | | LED NON MAINTAINED EMERGENCY RUNNING MAN LUMINAIRES | HPM / LEGRAND OR APPROVED EQUIVALENT | EXIT LUMINAIRES - MAINTAINED |

GENERAL NOTES:

1. THE ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ELECTRICAL SPECIFICATIONS.
2. CONFIRM EXACT LOCATION OF ALL DOORS AND DOOR SWINGS WITH THE ARCHITECT PRIOR TO LIGHT SWITCH AND WIRING INSTALLATION.
3. UNLESS STATED OTHERWISE ALL LIGHT SWITCHES TO BE MOUNTED AT 1300 AFFL AND SOCKET-OUTLETS TO BE MOUNTED AT 300 AFFL.
4. ALL CONDUITS SHALL BE INSTALLED COMPLETE WITH PLASTIC COATED DRAW WIRES.
5. WHERE EMERGENCY LIGHTING INVERTER KITS ARE UNABLE TO BE INSTALLED WITHIN THE LUMINAIRE THEY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION AS AGREED WITH ARCHITECT.
6. ALL CABLES SHALL BE RUN SO DE-RATING FACTORS DO NOT OCCUR. HOWEVER IF THIS IS IMPRACTICAL PROVIDE NOTIFICATION IN WRITING AND UPGRADE CABLE SIZES ACCORDINGLY
7. ANY PENETRATION LESS THAN Ø80mm DIAMETER SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY. PROVIDE ALL NECESSARY PENETRATIONS THROUGH CONCRETE, BRICKWORK AND BUILDING FINISHES TO ACCOMMODATE PIPEWORK. PENETRATIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION. PENETRATIONS REQUIRED THROUGH CONSTRUCTED MATERIALS AND PRECAST SLABS SHALL BE CORE DRILLED. ALL PENETRATIONS ARE TO BE SEALED IN AN APPROVED MANNER
8. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL HILTI CP611A OR APPROVED EQUIVALENT INTUMESCENT FIRESTOP MASTIC FOR ALL PENETRATIONS (INCLUDING SLEEVES) THROUGH WALLS, CEILING SLABS, BEAMS ETC. FOR ALL CABLING.

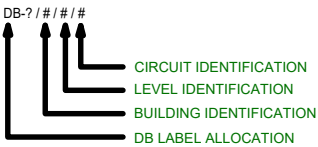


D3
-
SCALE: NTS



GENERAL NOTES CONTINUED:

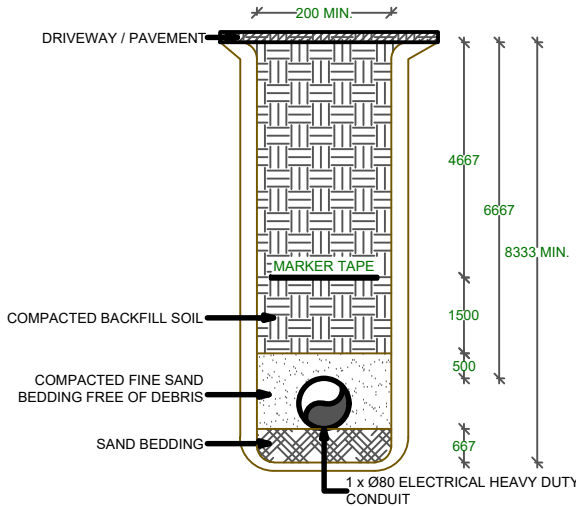
- # - CIRCLE WITHIN DIAMOND ENCLOSED LETTER INDICATES SPECIFIC NOTE REFERENCE ON SAME SHEET
- R# - TRIANGLE WITH A NUMBER INSIDE INDICATES DRAWING REVISION
- D# - INDICATES THE DETAIL NUMBER. E## : INDICATES THE ELECTRICAL DRAWING SHEET NUMBER.
- ### - NUMBER INDICATES MOUNTING HEIGHT IN MILLIMETERS ABOVE FINISHED FLOOR LEVEL



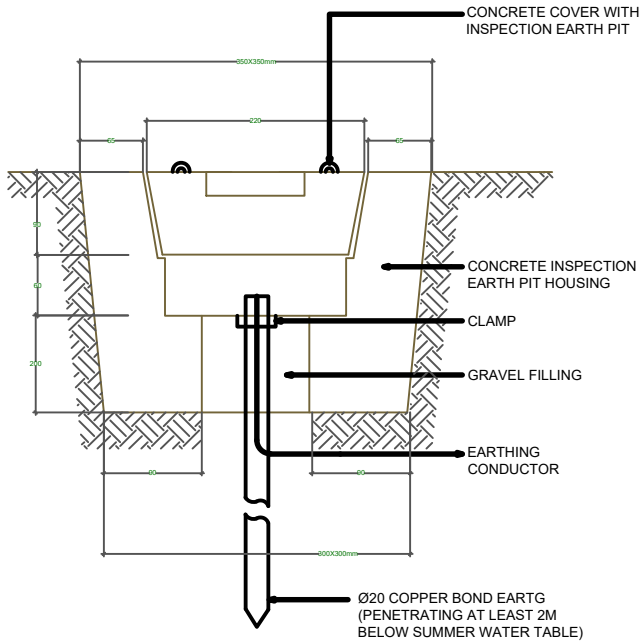
D1
E02
SCALE: NTS

ABBREVIATIONS:

- AB ABOVE BENCH
- ACU AIRCON COOLING UNIT
- BD BUILDING DISTRIBUTOR
- DB DISTRIBUTION BOARD
- DH DEHUMIDIFIER
- EF EXHAUST FAN
- F FLOOR RECESSED GPO
- FC FAN CONTROLLER
- FCU FAN COIL UNIT
- FIU FIRE INDICATING UNIT
- HD HAND DRYER
- LSP LIGHT SWITCHING PANEL
- MB METER BOARD
- MDB MAIN DISTRIBUTION BOARD
- MDF MAIN DISTRIBUTION FRAME
- MIC MOUNTED IN CEILING
- MP MOTOR PROJECTOR
- MS MONITOR SCREEN
- MSB MAIN SWITCH BOARD
- NTS NOT TO SCALE
- ODU OUT DOOR UNIT
- PJ HIGH LEVEL PROJECTOR
- PP PATCH PANEL
- SH SHAVER
- SW SWITCH NUMBER
- TBA TO BE ADVISED
- TBC TO BE CONFIRMED
- WP WEATHERPROOF IP65



D2
-
TYPICAL ELECTRICAL COMMON TRENCH SECTION DETAIL
SCALE: NTS



PROPOSED : ELECTRICAL DETAIL GENERAL
SCALE: 1:100 ON A3

ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jreel\Desktop\KODLINE\Kodline logo with white background.png

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

ELECTRICAL SERVICES
ELECTRICAL DETAILS GENERAL
NOTES ABBREVIATION

DESIGNED: MSM

DRAWN: SK

CHECKED: MSM

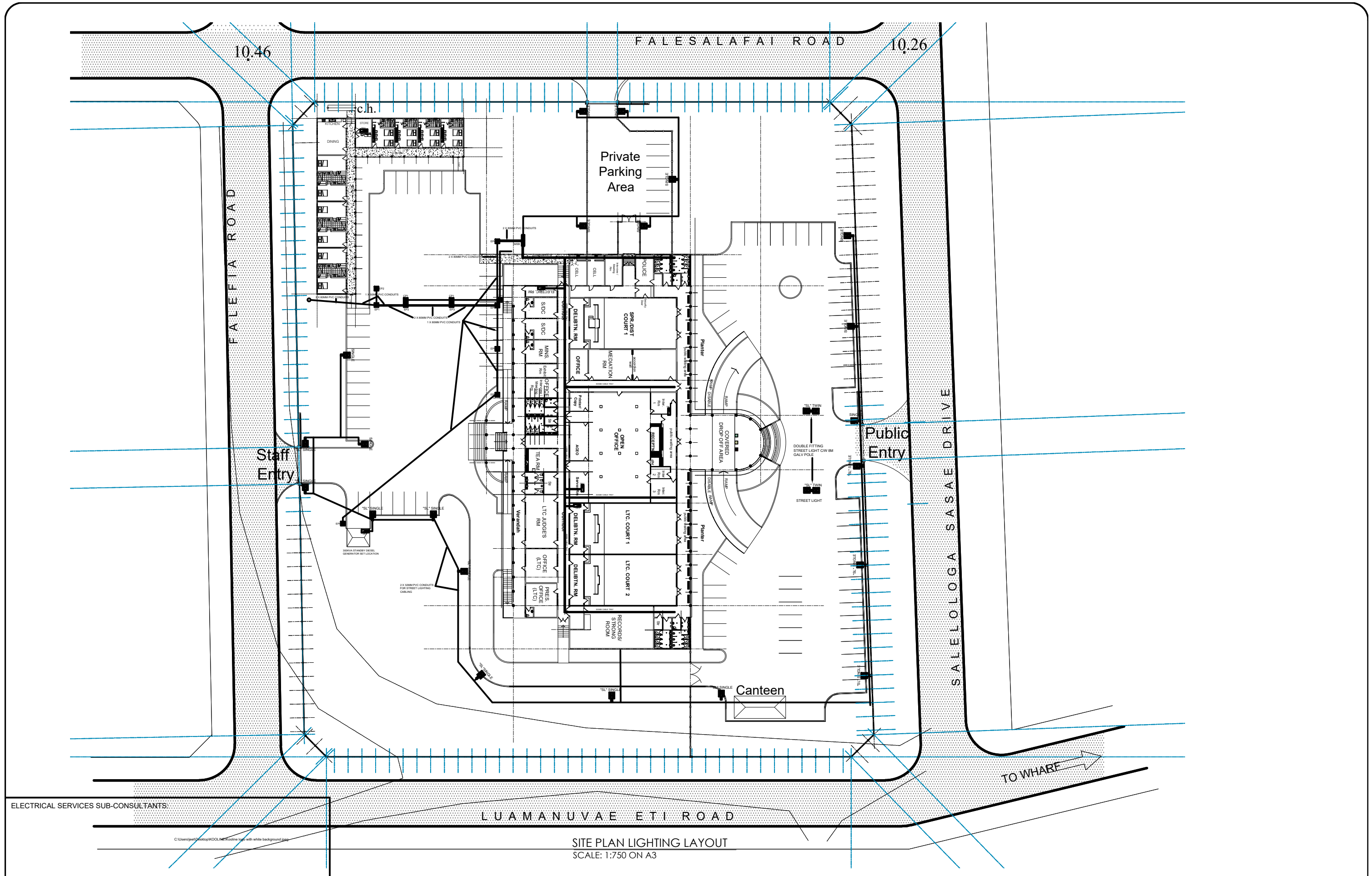
SCALE: AS NOTED



DATE: 02/02/24

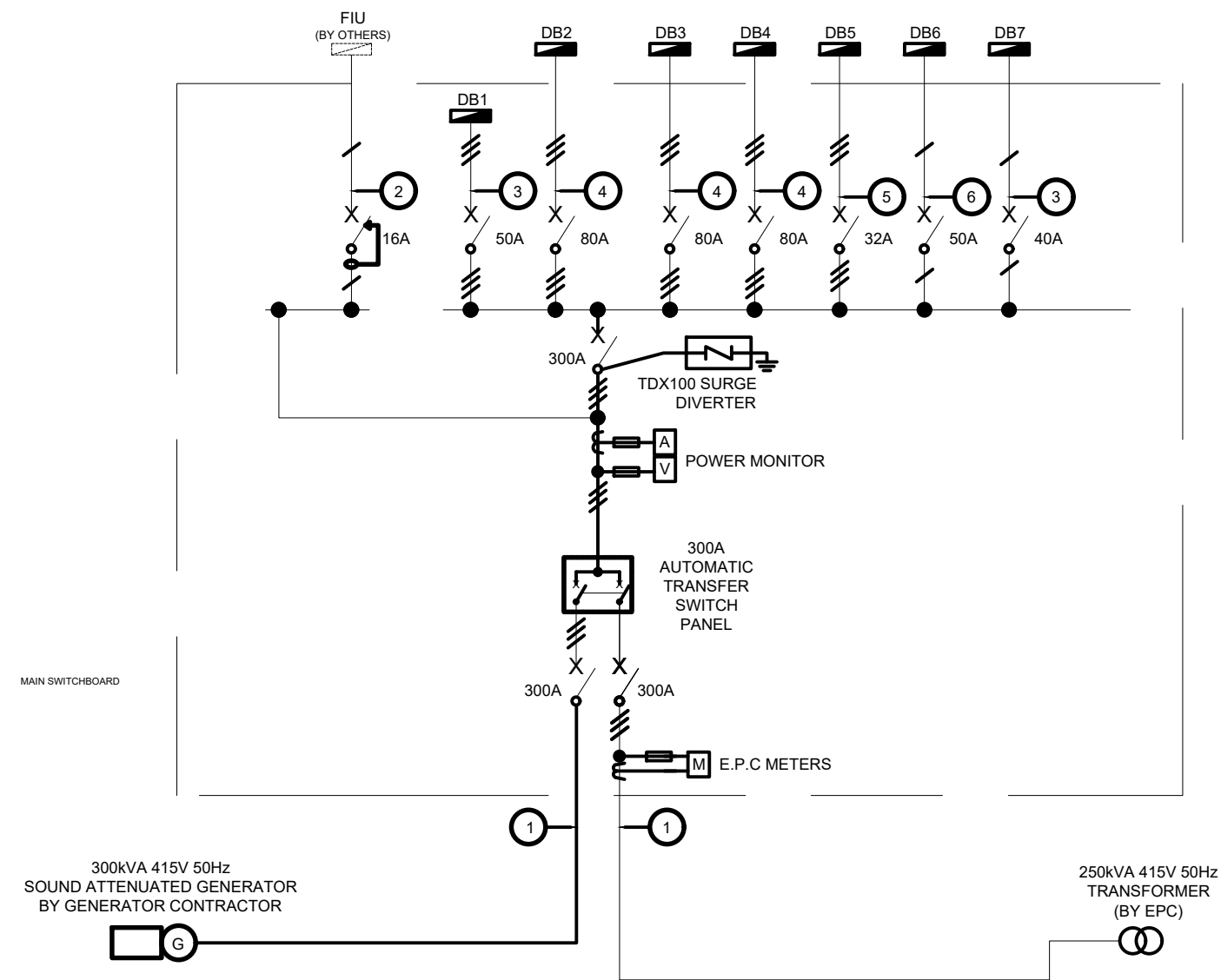
DATE: 02/02/24

PRINT ISSUED: 02/02/24

SHEET No: E002



| | | | | | |
|---|---|---|---|-----------------|------------------------|
| ARCHITECTURAL CONSULTANTS:  Middle: 7772814 / 7774141 Phone: 84293134 / Fax: (685)28124 E-mail: ves.architects@samoan.ws | PROJECT TITLE: MINISTRY OF JUSTICE COURTS AND ADMINISTRATION " PROPOSED COURT HOUSE " at Salelologa, Savaii |  | DRAWING TITLE: ELECTRICAL SERVICES SITE PLAN LIGHTING LAYOUT | DESIGNED: MSM | DATE: 02/02/24 |
| | | | | DRAWN: SK | DATE: 02/02/24 |
| | | | | CHECKED: MSM | PRINT ISSUED: 02/02/24 |
| | | | | SCALE: AS NOTED | SHEET No: E003 |



PROPOSED MAIN ELECTRICAL SINGLE LINE DIAGRAM

| SCHEDULE OF CABLING | | | |
|---------------------|--|-------------------------|--|
| REF. No | DESCRIPTION | CABLING SIZE & TYPE | METHOD OF INSTALLATION |
| 1 | CONSUMER MAINS CABLING | 8 x 70mm² XLPE/PVC + E | CONDUITS LAID UNDERGROUND & CABLE LADDER |
| 2 | FIRE INDICATING UNIT SUB-MAINS CABLING | 2 x 2.5mm² ALSECURE + E | CONDUITS LAID UNDERGROUND & CABLE LADDER |
| 3 | DB1 SUB-MAINS CABLING | 4 x 16mm² XLPE/PVC + E | WITHIN MAIN SWITCH-BOARD |
| 4 | DB2, DB3 & DB4 SUB-MAINS CABLING | 4 x 35mm² XLPE/PVC + E | CONDUITS LAID UNDERGROUND & CABLE LADDER |
| 5 | DB5 POWER FACTOR CORRECTION UNIT SUB-MAINS CABLING | 4 x 16mm² XLPE/PVC + E | CONDUITS LAID UNDERGROUND & CABLE LADDER |
| 6 | GENERATOR HOUSE DB SUB MAINS CABLING | 4 x 16mm² XLPE/PVC + E | CONDUITS LAID UNDERGROUND & CABLE LADDER |
| 7 | JUDGE RESIDENCE DB SUBMAINS CABLING | 16mm 2C + E PVC CABLES | CONDUITS LAID UNDERGROUND & CABLE LADDER |

NOTES

ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

MAIN RETICULATION DISTRIBUTION SYSTEM
SCALE: NTS

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

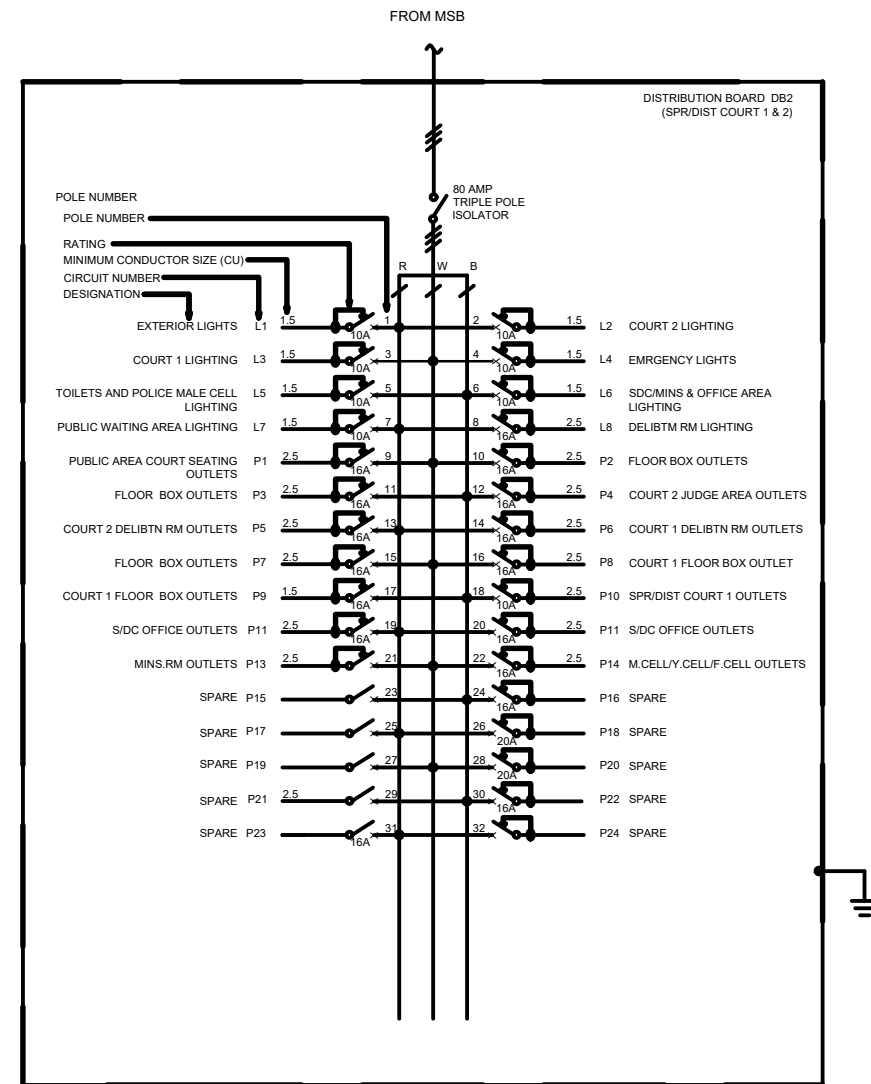
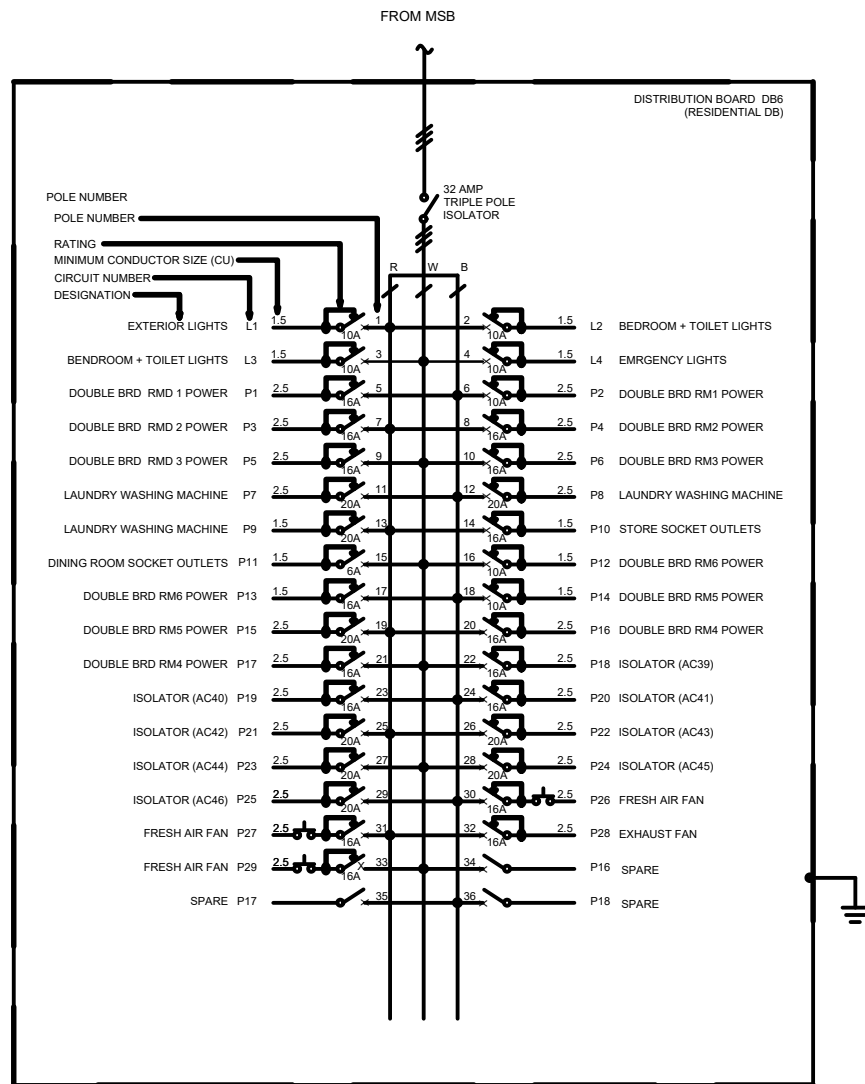
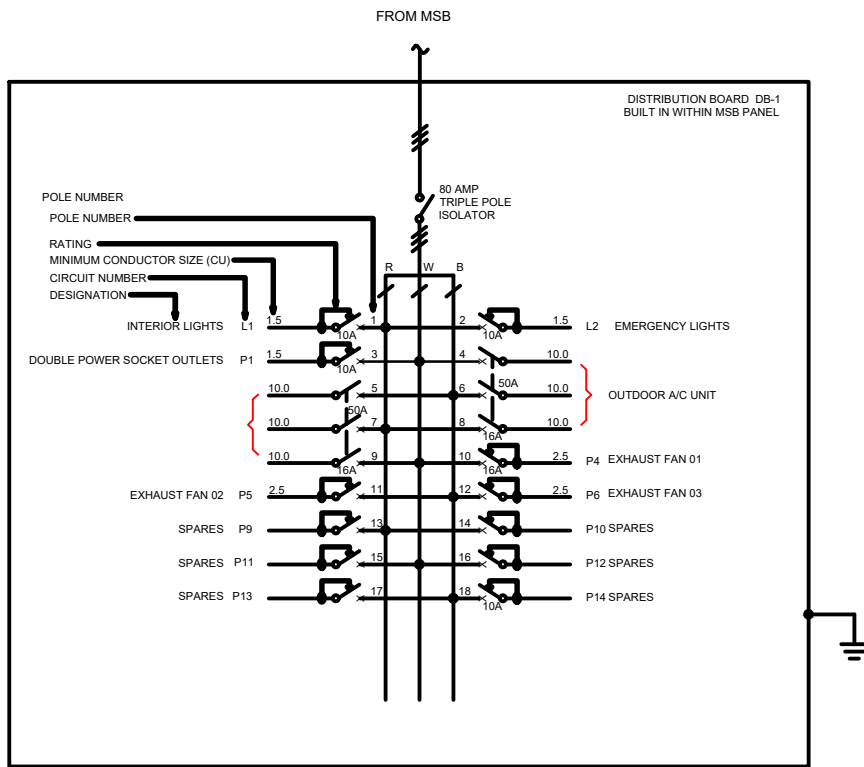
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

ELECTRICAL SERVICES
MAIN RETICULATION
DISTRIBUTION SYSTEM

| | | | |
|-----------|----------|---------------|----------|
| DESIGNED: | MSM | DATE: | 02/02/24 |
| DRAWN: | SK | DATE: | 02/02/24 |
| CHECKED: | MSM | PRINT ISSUED: | 02/02/24 |
| SCALE: | AS NOTED | SHEET No: | E004 |



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

DISTRIBUTION BOARDS DETAIL
SCALE: NTS

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

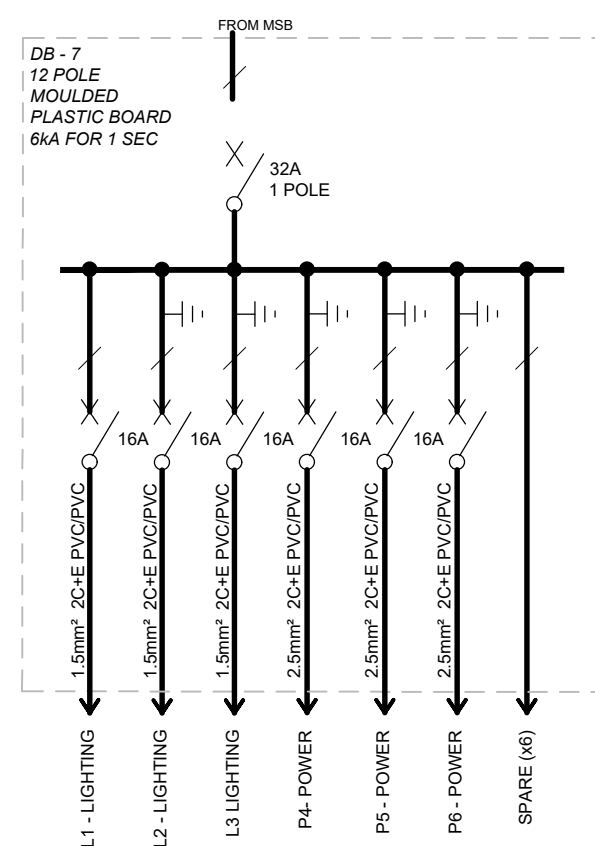
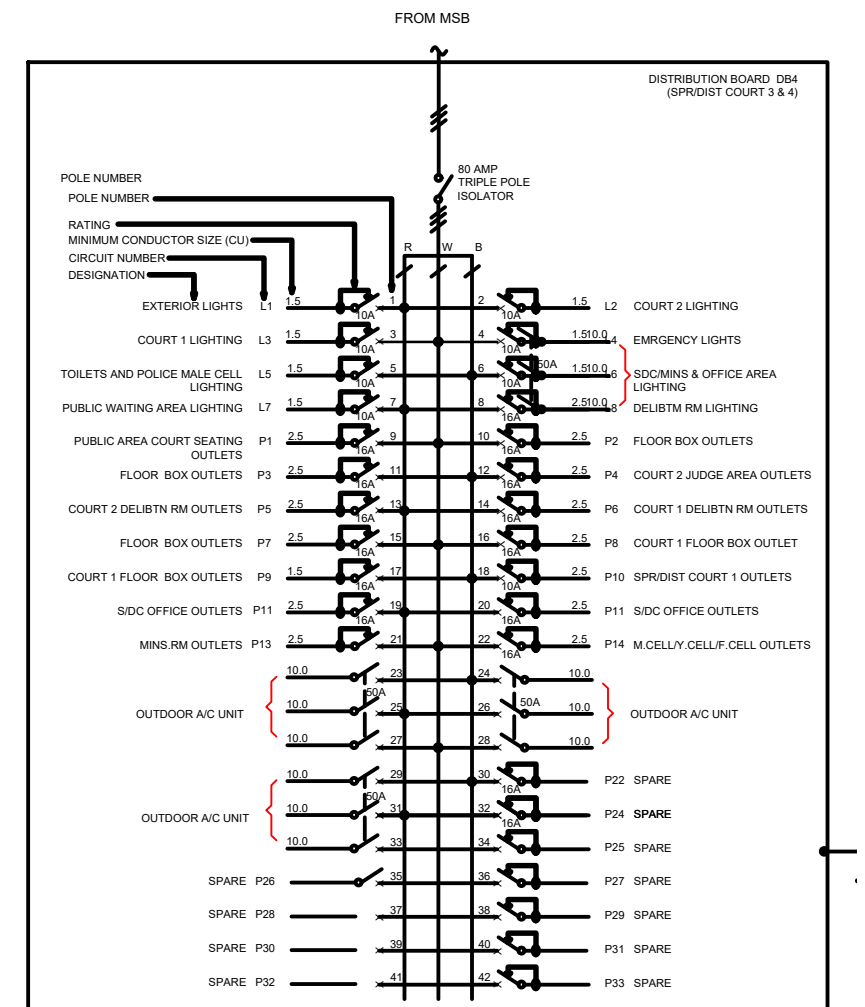


DRAWING TITLE:

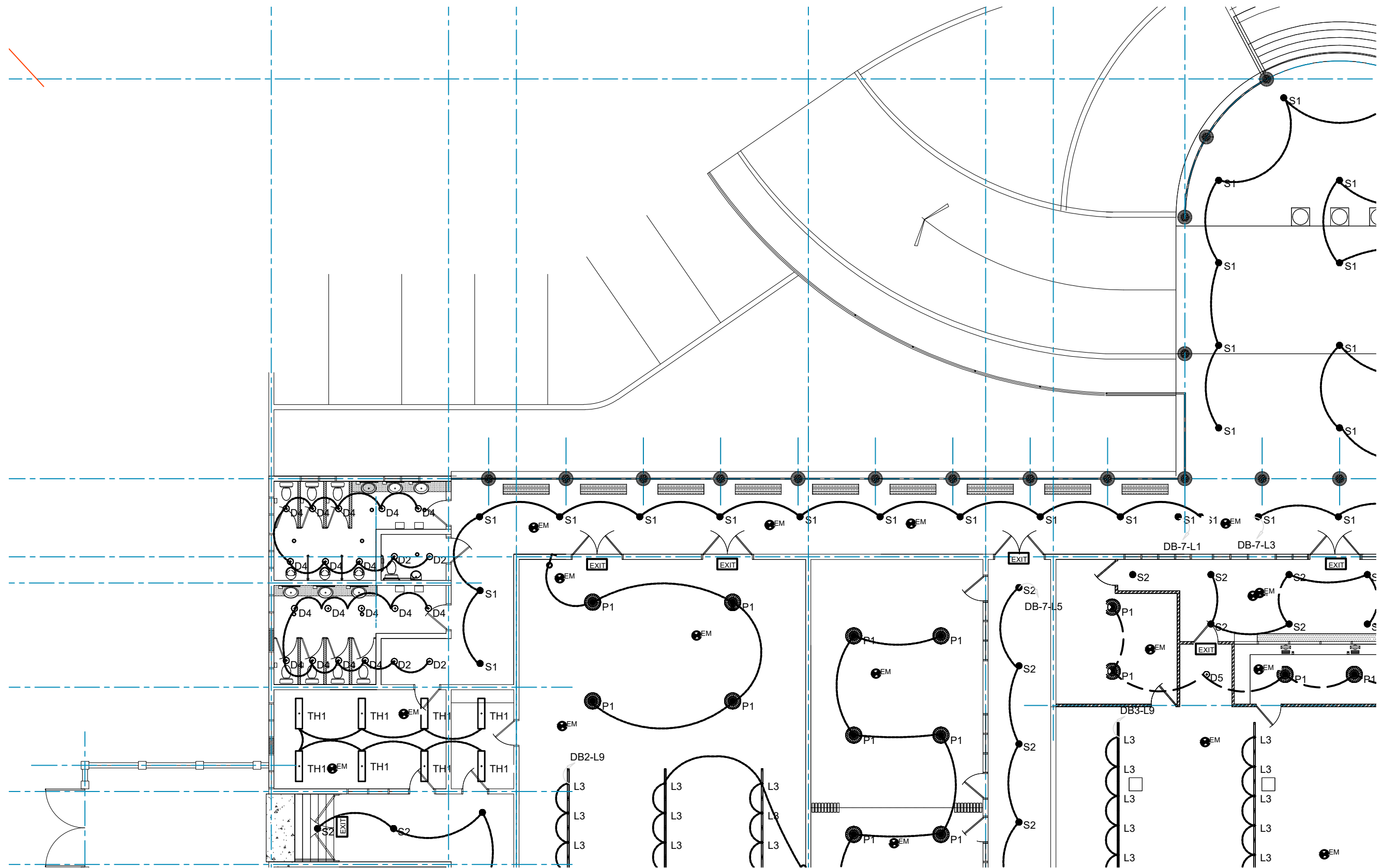
ELECTRICAL SERVICES
DISTRIBUTION BOARDS DETAIL
SHEET 1 OF 2

| | | | |
|-----------|----------|---------------|----------|
| DESIGNED: | MSM | DATE: | 02/02/24 |
| DRAWN: | SK | DATE: | 02/02/24 |
| CHECKED: | MSM | PRINT ISSUED: | 02/02/24 |
| SCALE: | AS NOTED | SHEET No: | E005 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

PROPOSED COURT HOUSE LIGHTING LAYOUT SHEET 1 OF 4
SCALE: 1:150 ON A3

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



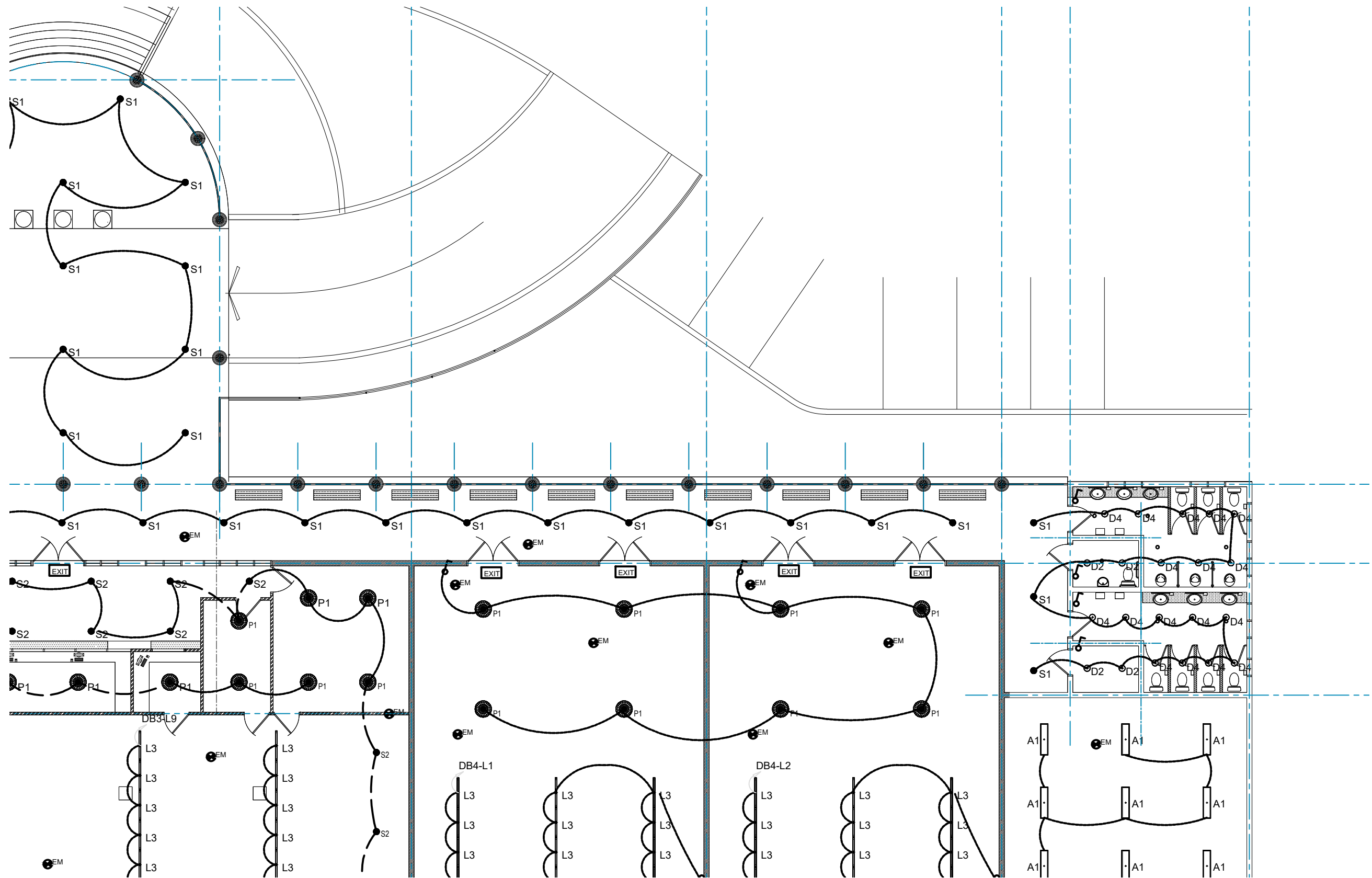
DRAWING TITLE:

ELECTRICAL SERVICES
PROPOSED COURT HOUSE
LIGHTING LAYOUT SHEET 1 OF 4

| | |
|-----------|----------|
| DESIGNED: | MSM |
| DRAWN: | SK |
| CHECKED: | MSM |
| SCALE: | AS NOTED |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | E101 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

PROPOSED COURT HOUSE LIGHTING LAYOUT SHEET 2 OF 4
SCALE: 1:150 ON A3

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

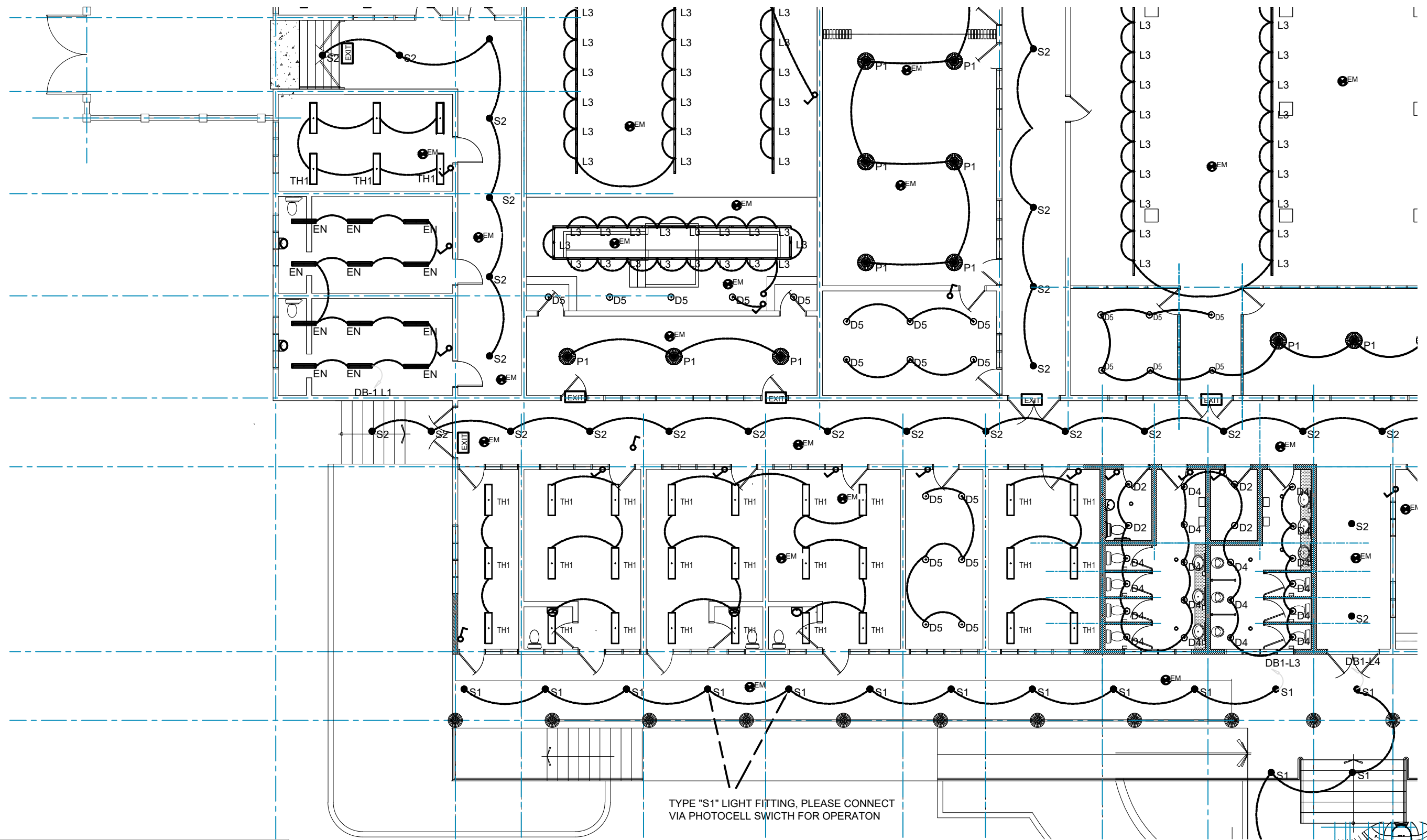


DRAWING TITLE:

ELECTRICAL SERVICES
PROPOSED COURT HOUSE
LIGHTING LAYOUT SHEET 2 OF 4

| | |
|-----------|----------|
| DESIGNED: | MSM |
| DRAWN: | SK |
| CHECKED: | MSM |
| SCALE: | AS NOTED |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | E102 |



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jef\Desktop\KODLINE\Kodline logo with white background.png

PROPOSED COURT HOUSE LIGHTING LAYOUT SHEET 3 OF 4
SCALE: 1:150 ON A3

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



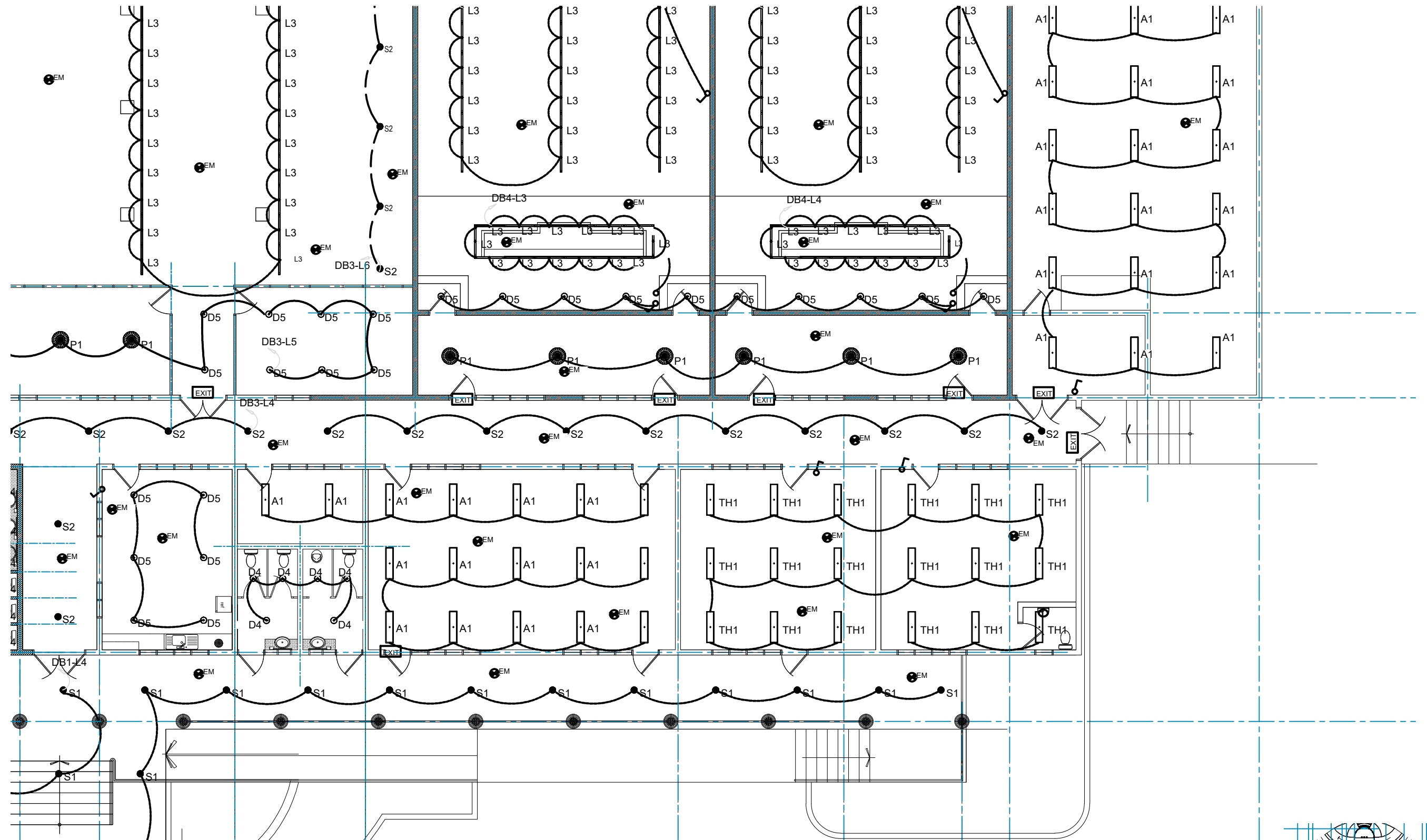
DRAWING TITLE:

ELECTRICAL SERVICES
PROPOSED COURT HOUSE
LIGHTING LAYOUT SHEET 3 OF 4

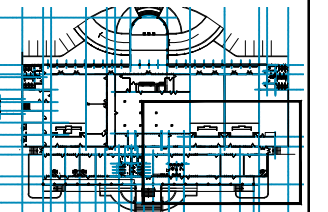
| | |
|-----------|----------|
| DESIGNED: | MSM |
| DRAWN: | SK |
| CHECKED: | MSM |
| SCALE: | AS NOTED |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | E103 |

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016



PROPOSED COURT HOUSE LIGHTING LAYOUT SHEET 4 OF 4
SCALE: 1:150 ON A3



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

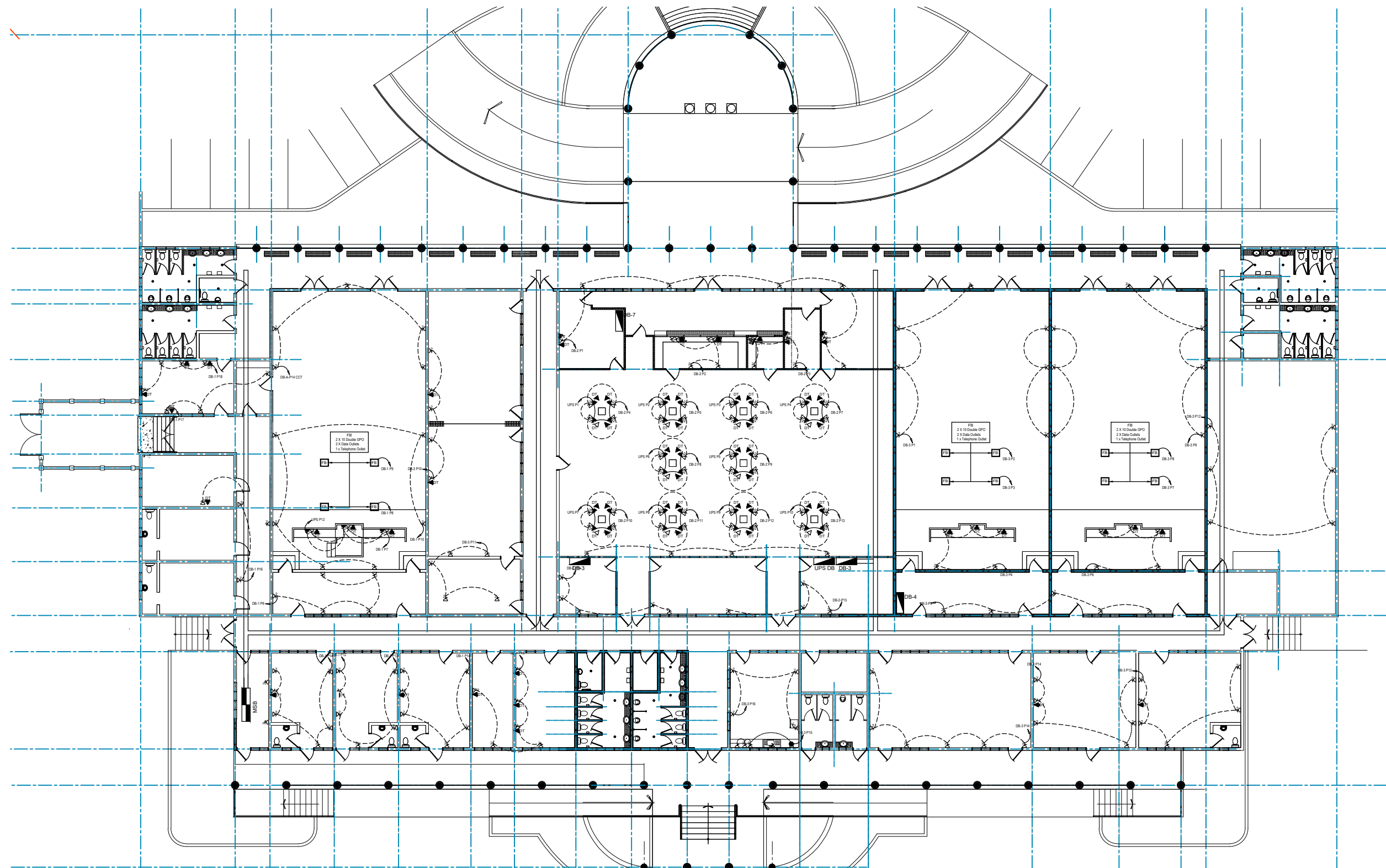


DRAWING TITLE:

ELECTRICAL SERVICES
PROPOSED COURT HOUSE
LIGHTING LAYOUT SHEET 4 OF 4

| | |
|-----------|----------|
| DESIGNED: | MSM |
| DRAWN: | SK |
| CHECKED: | MSM |
| SCALE: | AS NOTED |

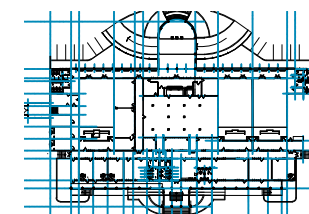
| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | E104 |



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

PROPOSED COURT HOUSE POWER LAYOUT
SCALE: 1:300 ON A3



ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

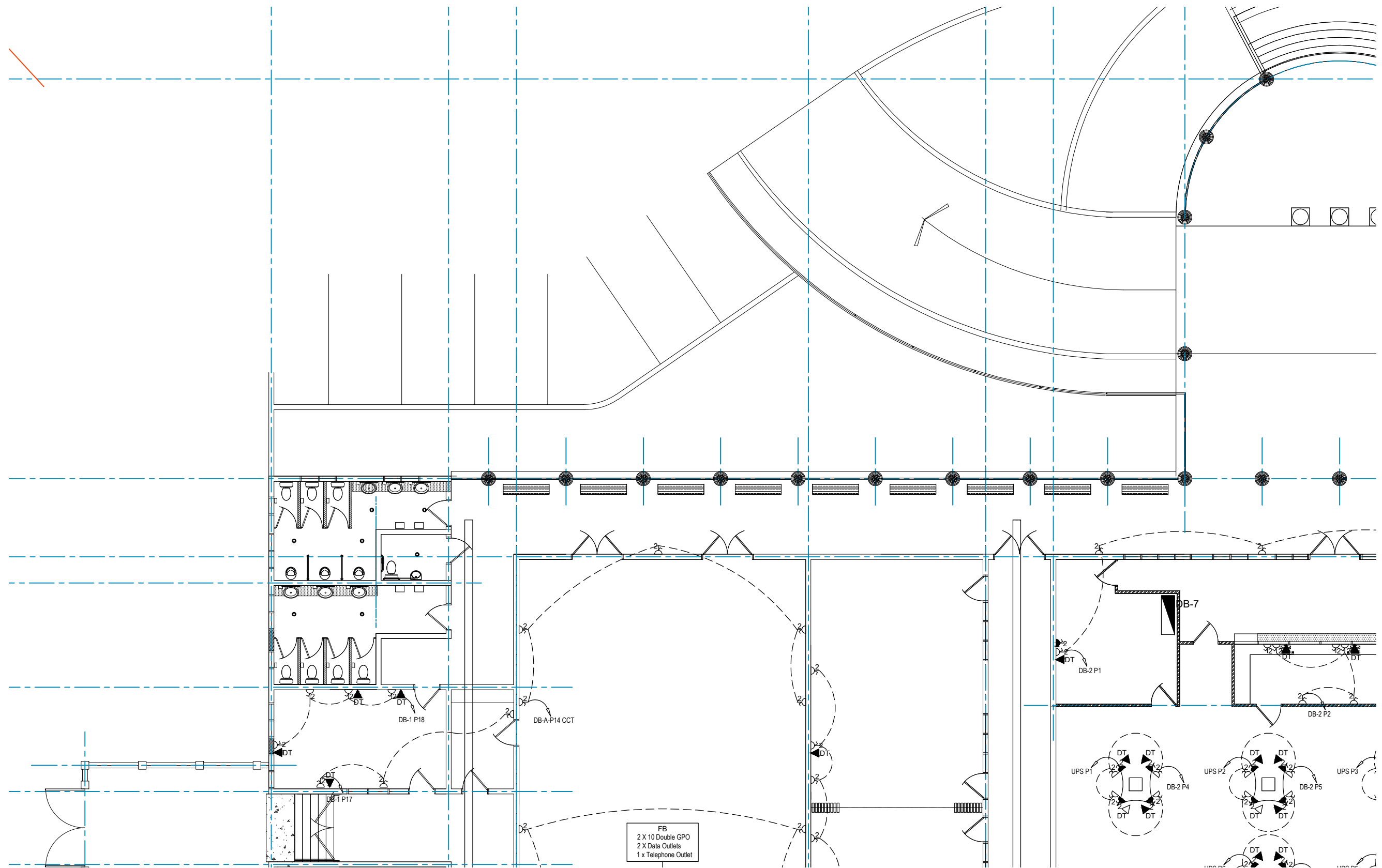


DRAWING TITLE:

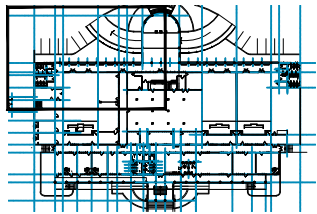
ELECTRICAL SERVICES
PROPOSED COURT HOUSE
POWER LAYOUT

| | |
|-----------|----------|
| DESIGNED: | MSM |
| DRAWN: | SK |
| CHECKED: | MSM |
| SCALE: | AS NOTED |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | E200 |



PROPOSED COURT HOUSE POWER LAYOUT SHEET 1 OF 4
SCALE: 1:150 ON A3



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.jpg

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

ELECTRICAL SERVICES
PROPOSED COURT HOUSE
POWER LAYOUT SHEET 1 OF 4

DESIGNED:

MSM

DRAWN:

SK

CHECKED:

MSM

SCALE:

AS NOTED

DATE:

02/02/24

DATE:

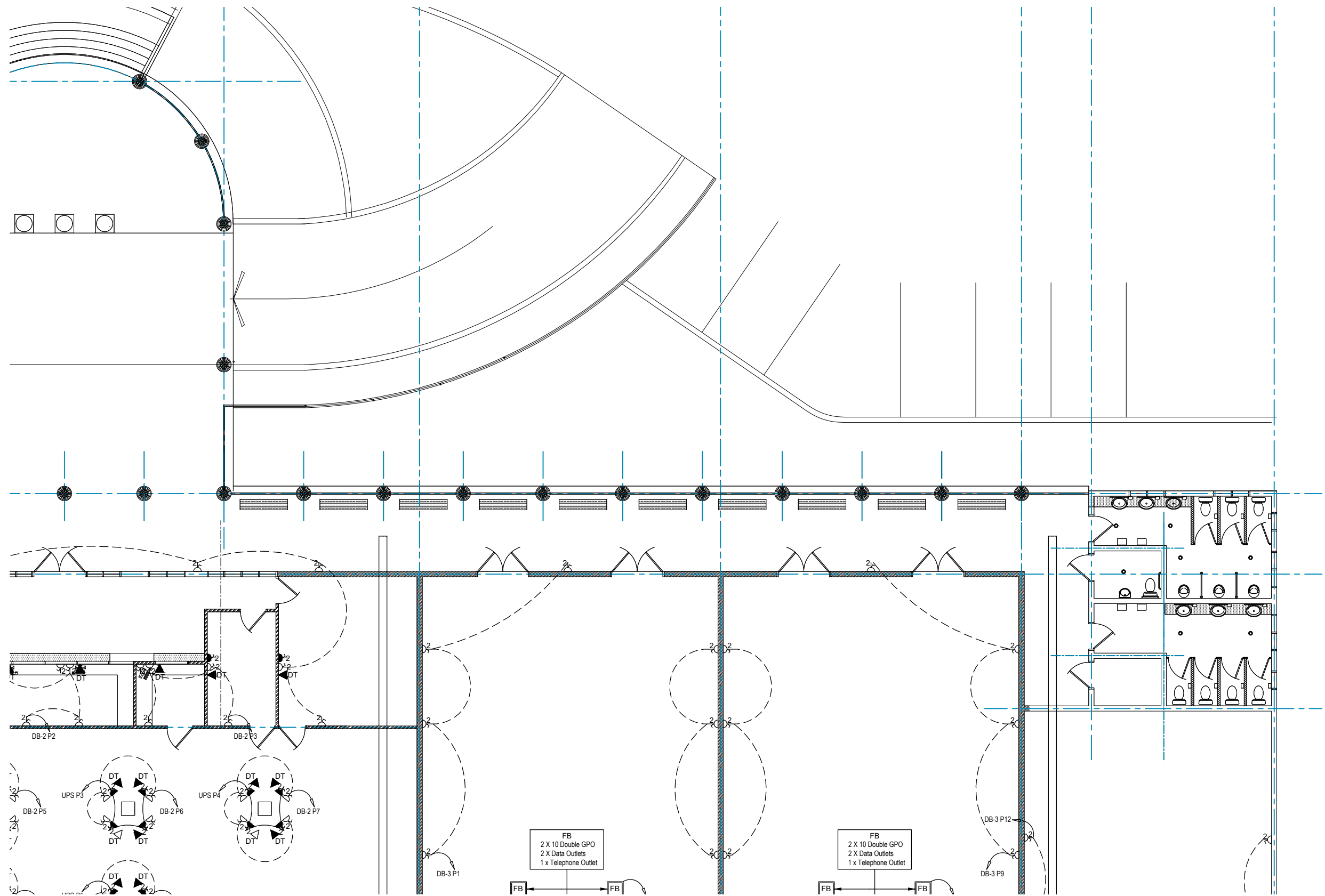
02/02/24

PRINT ISSUED:

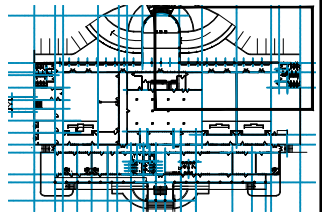
02/02/24

SHEET No:

E201



PROPOSED COURT HOUSE POWER LAYOUT SHEET 1 OF 4
SCALE: 1:150 ON A3



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jef\Desktop\KODLINE\Kodline logo with white background.png

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

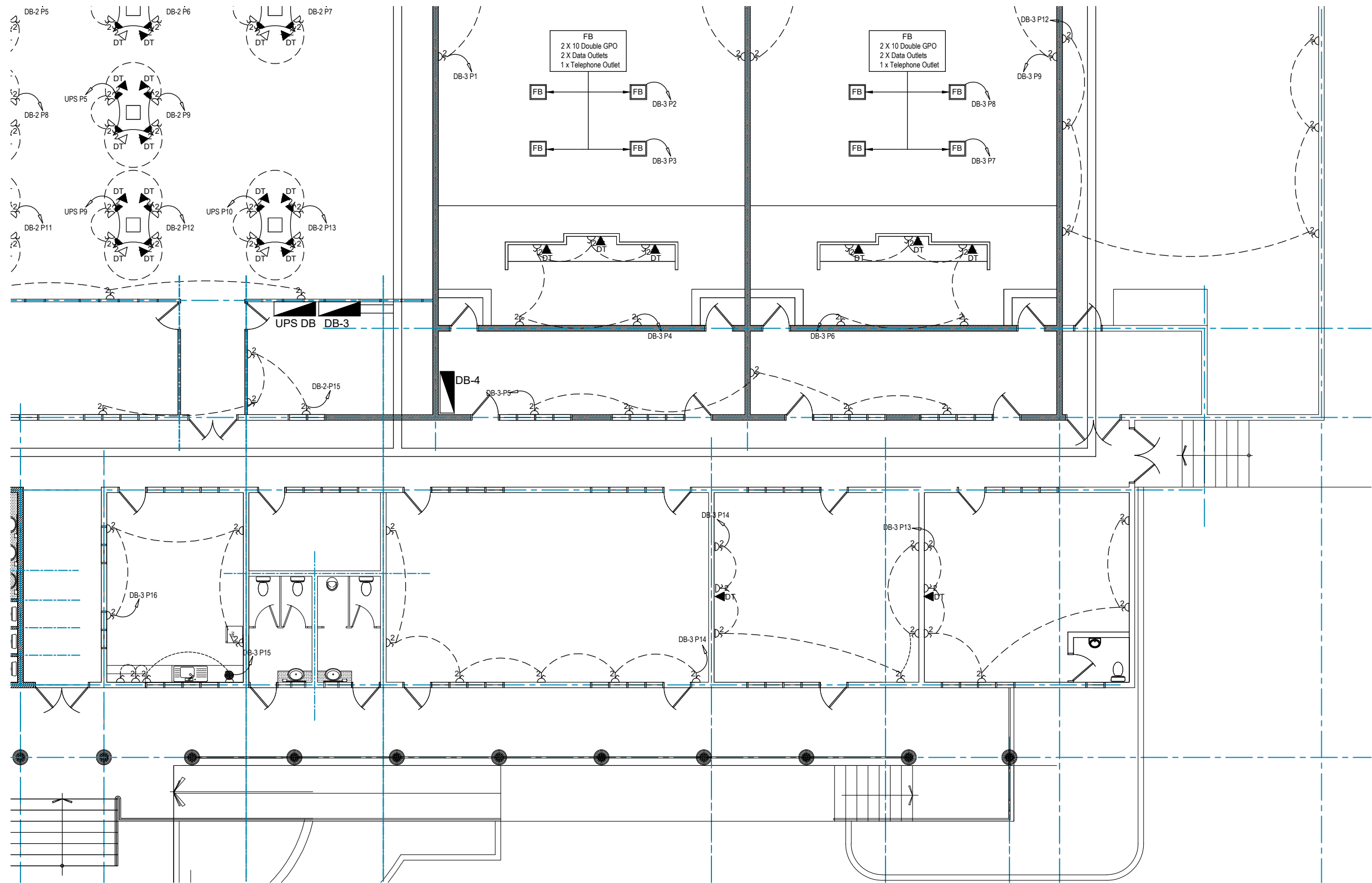


DRAWING TITLE:

ELECTRICAL SERVICES
PROPOSED COURT HOUSE
POWER LAYOUT SHEET 1 OF 4

| | |
|-----------|----------|
| DESIGNED: | MSM |
| DRAWN: | SK |
| CHECKED: | MSM |
| SCALE: | AS NOTED |

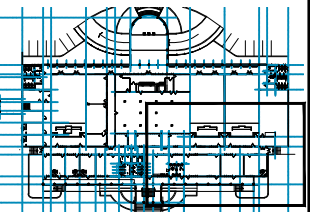
| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | E202 |



ELECTRICAL SERVICES SUB-CONSULTANTS:

C:\Users\jref\Desktop\KODLINE\Kodline logo with white background.png

PROPOSED COURT HOUSE POWER LAYOUT SHEET 4 OF 4
SCALE: 1:150 ON A3



ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

ELECTRICAL SERVICES
PROPOSED COURT HOUSE
POWER LAYOUT SHEET 4 OF 4

| | |
|-----------|----------|
| DESIGNED: | MSM |
| DRAWN: | SK |
| CHECKED: | MSM |
| SCALE: | AS NOTED |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | E204 |

MECHANICAL SERVICES
Air Conditioning and Ventilation

SPECIFICATION

PROPOSED COURTHOUSE
FOR MINISTRY OF JUSTICE COURTS AND ADMINISTRATION
AT SALELOLOGA, SAVAI
SAMOA

OCTOBER 2024

MECHANICAL SERVICES
(Air Conditioning and Ventilation)

INDEX

| | | Page No. |
|------------------|---|----------|
| Section 1 | Introduction | |
| 1.1 | Scope of Work | 1 |
| 1.2 | Tender Drawings | 1 |
| 1.3 | Design Criteria | 1-2 |
| Section 2 | System Description | |
| 2.1 | General Description | 2 |
| 2.2 | Air Conditioning Systems | 2 |
| | (a) VRF Air Conditioning Systems | 2 |
| | (b) Wall Mounted Split Systems | 2 |
| | (c) Ancillary Materials and Equipment | 2 |
| 2.3 | Ventilation Systems | 2 |
| | (a) Fresh Air Systems | 2 |
| | (b) Sanitary Exhaust Systems | 3 |
| 2.4 | Electrical for Mechanical Services | 3 |
| Section 3 | Technical and Equipment Specification | |
| 3.1 | General Introduction | 3 |
| 3.2 | Air Conditioning Equipment | 3 |
| 3.3 | Ventilation Fans (Fresh Air and Sanitary Exhaust) | 3 |
| 3.4 | Filters | 4 |
| 3.5 | Air Distribution Equipment | |
| | (a) Ductwork | 4 |
| | (b) Flexible Ductwork | 4 |
| | (c) Diffusers and Grilles | 4 |
| 3.6 | Refrigeration Pipework and insulation | 4 |
| 3.7 | Condensate Drain Piping / Insulation | 4 |
| 3.8 | Electrical Standards | 4 |
| 3.9 | Miscellaneous | 5 |
| | (a) Painting | 5 |
| | (b) Labelling: Identification | 5 |
| | (c) Site Cleanup | 5 |
| Section 4 | Testing and Commissioning | 5 |
| Section 5 | Defects Liability: Maintenance | 5 |

MECHANICAL SERVICES

Section 1 INTRODUCTION

1.1 Scope of Work:

This specification includes the description of works and standards that apply to supply and install a complete Mechanical System (Air Conditioning and Ventilation) cooling system as detailed in the following scheduled Mechanical Services Drawings.

This work is to be carried out by a skilled contractor for the owners of the property.

1.2 Tender Drawings

Extent of work covered under this project has been set out in the following schedule of Mechanical Services Tender Drawings.

- **M000 - Mechanical Services - Cover Sheet**
- **M001 - Mechanical Services - Drawing Index and Legend of Symbols**
- **M002 - Mechanical Services - Schedule of Equipment**
- **M100 - Mechanical Services - Air Conditioning and Ventilation Layout – Courthouse**
- **M101 - Mechanical Services - Air Conditioning and Ventilation Layout – Judges Residence**

1.3 Design Criteria

All equipment selected, and systems installed to meet the following Design Criteria.

| | | |
|----------------------------------|---|---|
| Ambient Conditions | : | 35°C DB / 28°C WB |
| Air On Condenser | : | 35°C DB |
| Comfort Conditions | : | 23°C ± 1.0°C 55% to 65% RH: No Relative Humidity Control |
| System Controls | : | Local hardwired wall controller |
| Special Area: Ventilation | | |
| • Fresh Air Make up | : | 7.5ltrs / sec per person |
| • Sanitary Exhaust | : | 8 to 12 changes per hour |
| • Small Kitchen Areas | : | 8 to 10 changes per hour |
| • Store Rooms | : | 8 air changes per hour |
| Occupancy Loading | : | varies |
| Power Supply | : | 220V to 240Volt / 1 / 50HZ 400V to 440Volt / 3 / 50HZ |
| Refrigerant | : | CFC Free: R.410a or R32 |

It is important to recognize the exposure of the Outdoor Air Conditioning equipment to the severe tropical conditions encountered in Samoa and the Outdoor Air Conditioning units should be selected and manufactured to suit these conditions.

Section 2 SYSTEM DESCRIPTION

2.1 General Description

The Mechanical Services have been designed to provide high quality, reliable comfort cooling throughout the building to meet the specific scope of work scheduled by the Main Contractor.

The Mechanical Services consists of high quality design that incorporates a series of separate services that when correctly installed, tested and commissioned will automatically provide comfort cooling, hygienic air environment via both fresh air supply and sanitary exhaust ventilation systems.

The layouts of all these systems are identified within the design: Tender Drawings with the preceding Section (1): Item 1.2

The following description under each specific section follows.

2.2 Air Conditioning Systems

VRV/VRF Systems

(a) VRF Air Conditioning Systems

There are a total of five (5) outdoor condensing units connected to a series of indoor cassette units. The indoor units allocated for the outdoor units can be seen on the equipment schedule drawing M002 and layout drawing M100.

(b) Wall Mounted Split Systems

There are twenty-two (22) split air conditioning units located within the Courthouse and Judges Residence and can be seen on the equipment schedule drawing M002 and layout drawings M100 & M101.

(c) Ancillary Materials and Equipment

With the installation of all the air conditioning equipment, the following scheduled accessories and equipment are to be included.

- Associated unit hangers and anti-vibration mounts.
- Refrigeration copper pipe / tube and insulation materials
- Unit / System controllers and wall mounted wired controllers where nominated.
- Electrical wiring to provide power to all units, motors and equipment.
(To be carried out by the Electrical Services Contractor)

2.3 Ventilation Systems

To complement the Air Conditioning system performance there are a series of ventilation systems that are designed into the integrated systems that provide various air supply and exhaust functions.

(a) Fresh Air Systems

There are nine (9) fresh air fans to provide fresh air within the air conditioned spaces.

Each of the fresh air system shall consist of the following components

- External weather proof louver or roof cowl
- Supply air filter assembly
- Inline fan with speed controller
- Round spiral ducting (galvanized)

- Butterfly control dampers
- Supply Air Diffusers

Each fresh air system to be connect to the respective air-conditioning system or manual wall control switches for ON/OFF.

(b) Sanitary Exhaust Systems

There are a total of ten (10) washroom and kitchen exhaust fans to be supplied and installed, these are shown on drawings M100 and M101.

Exhaust fans are operation will be via the respective Room or Zone light switch.

2.4 Electrical for Mechanical Services

All power supply and controls for the Mechanical Services are to be provided by the Electrical Contractor via single phase GPO's, single phase and three phase weather proof isolators in close proximity to each equipment.

Section 3 TECHNICAL AND EQUIPMENT SPECIFICATION

3.1 General Introduction

This section of the specification provides supplementary technical description and requirements of all equipment and components that are to be installed into this project. All equipment standards to meet fully tropicalized and extended operation for various zones.

3.2 Air Conditioning Equipment

All systems to meet the specific standards and descriptions set out in the previous section.

3.3 Ventilation Fans (Fresh Air and Sanitary Exhaust)

To supply and install exhaust fans in the Washrooms. These would be ceiling mounted ducted fans.

To supply and install fresh air fans to the various locations. These would be inline mixed flow ducted fans.

3.4 Filters

Air filters for the fresh air fans (SAF) will be as standard from supplier with washable media.

3.5 Air Distribution Equipment

To supply and install all Air Distribution systems as shown in design drawings. All equipment, components and materials to comply with relevant standards.

(a) Ductwork

To construct and install in accordance with SMACNA-HVAC Duct construction standards, after submitting and approval of shop drawings.

All duct sizes shown are clear air stream internal dimensions and the patterns, routing and positions shown in the drawings are to be followed without change.

All transitions shall be equal symmetrical and at a 1:4 grade and the bends shall be made with a radius no less than the ducts width in the plan of the bend.

Provide flexible duct connections at both inlet and outlets of equipment and provide all dampers, locking quadrants and spigots as shown.

(b) Flexible Ductwork

Flexible ducting will be installed where shown on the drawings.

(c) Diffusers and Grilles

All equipment shall be of aluminum construction as detailed in the schedules provided and supplied by Holyoake Industries or equal

Fixing of all diffusers and grilles by concealed non-corrosive screws with countersunk heads.

3.6 Refrigeration Pipework and Insulation

All pipe work shall be installed in an approved manner and shall be hard drawn copper tube. Particular attention will be given to the air conditioning equipment manufacturers instructions.

Pipe work will be installed as per the manufacturer's instructions but suction lines will have no less than 1" wall thickness of "Armaflex" or equal pre-formed flexible insulation.

3.7 Condensate Drain Piping / Insulation

Provide all necessary drain lines as shown in the drawings. All drains shall be UPVC.

Drain insulation shall be as per refrigerant suction lines with pre-formed elastomeric foam system having a minimum thickness of ½" wall.

3.8 Electrical Standards

All air conditioning electrical work will be carried out to similar standards as the main electrical work under 2.4 of this specification by the Electrical Contractor.

3.9 Miscellaneous

This section covers general installation work not specifically covered in the preceding clauses of this specification.

(a) Painting

All installed work, equipment and components are to be finished and painted. Equipment already painted will not require treatment.

(b) Labelling : Identification

Unit Identification to be engraved on Traffolyte labels, black writing on white on all Condensing units, Cassettes Units and fans indicating the following:

Name, Number, Area Served

(c) Site Cleanup

Maintain the site clean and clear of rubbish at all stages of this contract. A suitable location to be established to store all redundant materials and rubbish.

Section 4 TESTING AND COMMISSIONING

Commissioning of all systems to be carried out by specialist Engineers in conjunction with the contractors staff

It shall be a condition of this contract that the commissioning data shall be satisfactory complied with, before a Notice of Practical Completion is provided.














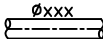

All test figures and Engineers sign off to be collated and form part of clients Operations and Maintenance manual.

Operations and Maintenance manuals are to be prepared initially in draft format, on approval from the Consulting Engineer, to be bound and presented to the client.

Section 5 DEFECTS LIABILITY: MAINTENANCE

With the completion of works and acceptance of practical completion of all systems, equipment, operations and labour would be subject of a full warranty for a period of twelve months.

MECHANICAL SERVICES SYMBOLS

| | | | |
|---|--------------------------------------|---|--|
|  | CEILING CASSETTE UNIT |  | CONDENSATE DRAIN PIPEWORK |
|  | WALL MOUNTED AIR CONDITIONING UNIT |  | REFRIGERANT PIPEWORK |
|  | DUCT MOUNTED AIR CONDITIONING UNIT |  | 600mm x 600mm CEILING ACCESS PANEL (BY BUILDER) |
|  | AC OUTDOOR CONDENSING UNITS |  | DOOR GRILLE |
|  | DUCT MOUNTED IN LINE FAN | | |
|  | EXTRACT / RETURN AIR GRILLE | | |
|  | ROUND DIFFUSER | | |
|  | WALL MOUNTED EXHAUST / SUPPLY LOUVER | | |
|  | FLEXIBLE DUCTWORK | | |
|  | CIRCULAR SHEET METAL DUCTWORK | | |
|  | MANUAL BALANCING DAMPER | | |

ABBREVIATIONS

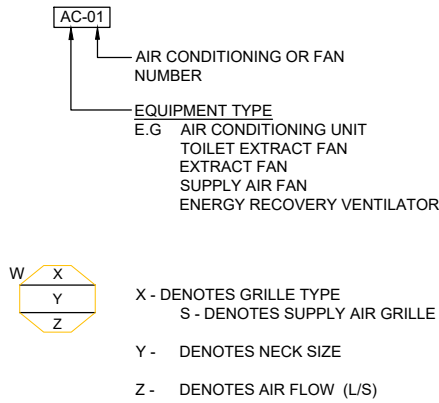
| | | |
|-----|---|----------------------------|
| AC | - | AIR CONDITIONING |
| DG | - | DOOR GRILLE |
| CU | - | OUTDOOR CONDENSER UNIT |
| DP | - | DRAIN PIPE |
| EAL | - | EXHAUST LOUVER |
| ERV | - | ENERGY RECOVERY VENTILATOR |
| OAL | - | OUTDOOR AIR LOUVER |
| SAF | - | SUPPLY AIR FAN |
| TEF | - | TOILET EXTRACT FAN |
| UC | - | DOOR UNDERCUT |
| FA | - | FRESH AIR |
| SA | - | SUPPLY AIR |

DRAWING INDEX

| DRAWING NUMBER | DRAWING TITLE |
|----------------|---|
| M000 | MECHANICAL SERVICES TITLE PAGE |
| M001 | MECHANICAL SERVICES DRAWING INDEX AND LEGEND OF SYMBOLS |
| M002 | MECHANICAL SERVICES - SCHEDULE OF EQUIPMENTS |
| M100 | MECHANICAL SERVICES - PROPOSED COURTHOUSE AIR CONDITIONING AND VENTILATION LAYOUT |
| M101 | MECHANICAL SERVICES - PROPOSED JUDGES RESIDENCE AIR CONDITIONING AND VENTILATION LAYOUT |

EQUIPMENT REFERENCE

AIR CONDITIONING AND VENTILATION



MECHANICAL SUB-CONSULTANTS:

C:\Users\jett\Desktop\KOLINE\Kooline logo with white background.jpeg

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

MECHANICAL SERVICES
DRAWING INDEX &
LEGEND OF SYMBOLS

| | | | |
|-----------|-----|---------------|----------|
| DESIGNED: | MSM | DATE: | 02/02/24 |
| DRAWN: | SJ | DATE: | 02/02/24 |
| CHECKED: | MSM | PRINT ISSUED: | 02/02/24 |
| SCALE: | - | SHEET No: | M001 |

| AIR CONDITIONING UNIT SCHEDULE | | | | | | |
|--------------------------------|-----------|-------------------------|-------------------------------|------------------------|-------------|--------------------------|
| BUILDING | REFERENCE | LOCATION | APPROVED MANUFACTURER / MODEL | UNIT TYPE | SYSTEM TYPE | AC CAPACITY COOLING (KW) |
| COURTHOUSE | AC/CU-01 | POLICE OFFICE | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 6.2 |
| | AC/CU-02 | INTERVIEW/MEETING ROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 3.0 |
| | AC/CU-03 | S/DC OFFICE | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 4.7 |
| | AC/CU-04 | S/DC OFFICE | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 4.7 |
| | AC/CU-05 | MINS. ROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 4.7 |
| | AC/CU-06 | OFFICE | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 4.0 |
| | AC/CU-07 | TEA ROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.4 |
| | AC/CU-08 | LTC JUDGES ROOM | DAIKIN / HITACHI | CEILING CASSETTE | SPLIT A/C | 11.3 |
| | AC/CU-09 | LTC OFFICE | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.4 |
| | AC/CU-10 | PRES. OFFICE | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 4.7 |
| | AC/CU-11 | OFFICE | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 2.5 |
| | AC/CU-12 | MEDIATION ROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 6.1 |
| | AC/CU-13 | MEDIATION ROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 6.1 |
| | AC/CU-14 | SERVER ROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 7.1 |
| | AC-15 | SPR. / DISTRICT COURT 2 | DAIKIN / HITACHI | CEILING CASSETTE | VRV / VRF | 14.0 |
| | AC-16 | SPR. / DISTRICT COURT 2 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-17 | SPR. / DISTRICT COURT 2 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-18 | DELIBERATION ROOM | DAIKIN / HITACHI | CEILING CASSETTE | | 6.5 |
| | CU-15 | GROUND LEVEL | DAIKIN / HITACHI | OUTDOOR CONDENSER UNIT | VRV / VRF | 48.5 |
| | AC-19 | SPR. / DISTRICT COURT 1 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-20 | SPR. / DISTRICT COURT 1 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-21 | SPR. / DISTRICT COURT 1 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-22 | DELIBERATION ROOM | DAIKIN / HITACHI | CEILING CASSETTE | VRV / VRF | 6.5 |
| | CU-16 | GROUND LEVEL | DAIKIN / HITACHI | OUTDOOR CONDENSER UNIT | | 48.5 |
| | AC-23 | INTERVIEW ROOM 1 | DAIKIN / HITACHI | CEILING CASSETTE | | 2.8 |
| | AC-24 | RECEPTION | DAIKIN / HITACHI | CEILING CASSETTE | | 9.2 |
| | AC-25 | INTERVIEW ROOM 2 | DAIKIN / HITACHI | CEILING CASSETTE | VRV / VRF | 2.5 |
| | AC-26 | INTERVIEW ROOM 3 | DAIKIN / HITACHI | CEILING CASSETTE | | 2.5 |
| | AC-27 | OPEN OFFICE | DAIKIN / HITACHI | CEILING CASSETTE | | 11.8 |
| | AC-28 | OPEN OFFICE | DAIKIN / HITACHI | CEILING CASSETTE | | 11.8 |
| | AC-29 | OPEN OFFICE | DAIKIN / HITACHI | CEILING CASSETTE | VRV / VRF | 11.8 |
| | AC-30 | ACEO OFFICE | DAIKIN / HITACHI | CEILING CASSETTE | | 8.9 |
| | CU-17 | GROUND LEVEL | DAIKIN / HITACHI | OUTDOOR CONDENSER UNIT | | 61.3 |
| | AC-31 | LTC COURT 1 | DAIKIN / HITACHI | CEILING CASSETTE | VRV / VRF | 14.0 |
| | AC-32 | LTC COURT 1 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-33 | LTC COURT 1 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-34 | DELIBERATION ROOM | DAIKIN / HITACHI | CEILING CASSETTE | | 5.7 |
| | CU-18 | GROUND LEVEL | DAIKIN / HITACHI | OUTDOOR CONDENSER UNIT | VRV / VRF | 47.7 |
| | AC-35 | LTC COURT 2 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-36 | LTC COURT 2 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-37 | LTC COURT 2 | DAIKIN / HITACHI | CEILING CASSETTE | | 14.0 |
| | AC-38 | DELIBERATION ROOM | DAIKIN / HITACHI | CEILING CASSETTE | VRV / VRF | 5.7 |
| | CU-19 | GROUND LEVEL | DAIKIN / HITACHI | OUTDOOR CONDENSER UNIT | | 47.7 |
| JUDGES RESIDENCE | AC/CU-39 | BEDROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.5 |
| | AC/CU-40 | BEDROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.5 |
| | AC/CU-41 | BEDROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.5 |
| | AC/CU-42 | KITCHEN / DINING | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 6.5 |
| | AC/CU-43 | KITCHEN / DINING | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 6.5 |
| | AC/CU-44 | BEDROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.5 |
| | AC/CU-45 | BEDROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.5 |
| | AC/CU-46 | BEDROOM | DAIKIN / HITACHI | WALL MOUNTED | SPLIT A/C | 5.5 |

| GRILLE SCHEDULE | | | | | | |
|-----------------|--------------|-----------|-----------------|----------------|----------------|--------|
| REFERENCE | MANUFACTURER | MODEL | GRILLE TYPE | NECK SIZE (mm) | FACE SIZE (mm) | COLOUR |
| E-1 | HOLYOAKE | ECO-M-150 | POLYMER GRILLE | Ø150 | | WHITE |
| E-2 | HOLYOAKE | ECO-M-200 | POLYMER GRILLE | Ø200 | | WHITE |
| E-3 | HOLYOAKE | EC-125 | EGGCRATE GRILLE | 400 x 400 | | WHITE |
| E-4 | HOLYOAKE | EC-125 | EGGCRATE GRILLE | 200 x 200 | | WHITE |
| S-1 | HOLYOAKE | EC-125 | EGGCRATE GRILLE | 400 x 400 | | WHITE |
| S-2 | HOLYOAKE | ECO-M-200 | POLYMER GRILLE | Ø200 | | WHITE |
| S-3 | HOLYOAKE | ECO-M-150 | POLYMER GRILLE | Ø150 | | WHITE |
| E-4 | HOLYOAKE | EC-125 | EGGCRATE GRILLE | 200 x 200 | | WHITE |
| DG-01 | HOLYOAKE | DG 52 BFL | DOOR GRILLE | 300 x 200 | | GREY |

| LOUVER SCHEDULE | | | | | | |
|-----------------|--------------|----------|------------------|----------------|----------------|--|
| REFERENCE | MANUFACTURER | MODEL | GRILLE TYPE | NECK SIZE (mm) | FACE SIZE (mm) | COMMENTS |
| L-1 | HOLYOAKE | OHL-F-45 | DRAINABLE LOUVER | 300 x 300 | | C/W BIRD MESH AND VERMIN SCREEN, COLOUR SHALL BE WHITE |
| L-2 | HOLYOAKE | OHL-F-45 | DRAINABLE LOUVER | 600 x 600 | | C/W BIRD MESH AND VERMIN SCREEN, COLOUR SHALL BE WHITE |
| L-3 | HOLYOAKE | OHL-F-45 | DRAINABLE LOUVER | 300 x 300 | | C/W BIRD MESH AND VERMIN SCREEN, COLOUR SHALL BE WHITE |

| FAN SCHEDULE | | | | | | | | | | | | | | |
|------------------|-----------|---------|-------------------|---------------------|--------------|-----------------------------|-----------|-------------|------------|------------|--------------|------------------|---------------------------------|--------------------------------|
| BUILDING | REFERENCE | BRAND | MODEL/TYPE | UNIT TYPE | AIR FLOW L/s | STATIC PRESSURE RATING (Pa) | SIZE (mm) | SPEED (rpm) | MOTOR (kW) | FLC (amps) | START (amps) | SUPPLY POWER | SOUND PRESSURE LEVEL dBA (MAX.) | COMMENTS |
| COURTHOUSE | SAF-01 | FANTECH | RIL SERIES | IN LINE FAN | 50 | 25 | 150 | 2150 | 0.04 | 0.19 | 0.57 | 240 / 1PH / 50Hz | 39 | WALL SWITCH FOR ON/OFF CONTROL |
| | SAF-02 | FANTECH | WHISPERJET SERIES | IN LINE FAN | 275 | 100 | 250 | 2570 | 0.19 | 0.83 | 2.49 | 240 / 1PH / 50Hz | 40 | WALL SWITCH FOR ON/OFF CONTROL |
| | SAF-03 | FANTECH | RIL SERIES | IN LINE FAN | 50 | 10 | 150 | 2150 | 0.04 | 0.19 | 0.57 | 240 / 1PH / 50Hz | 39 | WALL SWITCH FOR ON/OFF CONTROL |
| | TEF-01 | FANTECH | EDM SERIES | WALL MOUNTED FAN | 50 | 10 | 150 | 2220 | 0.03 | 0.21 | 0.63 | 240 / 1PH / 50Hz | 41 | INTERLOCKED WITH LIGHTING |
| | TEF-02 | FANTECH | TD SERIES | IN LINE FAN | 250 | 100 | 250 | 2520 | 0.18 | 0.80 | 2.4 | 240 / 1PH / 50Hz | 58 | WALL SWITCH FOR ON/OFF CONTROL |
| | EF-01 | FANTECH | EDM SERIES | WALL MOUNTED FAN | 55 | 10 | 150 | 2150 | 0.04 | 0.19 | 0.57 | 240 / 1PH / 50Hz | 39 | WALL SWITCH FOR ON/OFF CONTROL |
| | EF-02 | FANTECH | EDM SERIES | WALL MOUNTED FAN | 55 | 10 | 150 | 2150 | 0.04 | 0.19 | 0.57 | 240 / 1PH / 50Hz | 39 | WALL SWITCH FOR ON/OFF CONTROL |
| | EF-03 | FANTECH | EDM SERIES | WALL MOUNTED FAN | 55 | 10 | 150 | 2150 | 0.04 | 0.19 | 0.57 | 240 / 1PH / 50Hz | 39 | WALL SWITCH FOR ON/OFF CONTROL |
| | EF-04 | FANTECH | RIL SERIES | IN LINE FAN | 35 | 25 | 150 | 2150 | 0.04 | 0.19 | 0.57 | 240 / 1PH / 50Hz | 39 | WALL SWITCH FOR ON/OFF CONTROL |
| | EF-05 | FANTECH | RIL SERIES | IN LINE FAN | 80 | 30 | 150 | 2150 | 0.04 | 0.19 | 0.57 | 240 / 1PH / 50Hz | 39 | WALL SWITCH FOR ON/OFF CONTROL |
| JUDGES RESIDENCE | EF-06 | FANTECH | RING PLATE SERIES | CEILING MOUNTED FAN | 80 | 25 | 200 | 2520 | 0.08 | 0.37 | 1.11 | 240 / 1PH / 50Hz | 52 | WALL SWITCH FOR ON/OFF CONTROL |

MECHANICAL SUB-CONSULTANTS:

C:\Users\jyer\Desktop\PROLINE\Kooline logo with white background.jpg

ARCHITECTURAL CONSULTANTS:



Model: 77728141 / 77724141 Phone: 8423134 /
Fax : (685)28124
E-mail: ves.architects@samoa.ws

PROJECT TITLE:

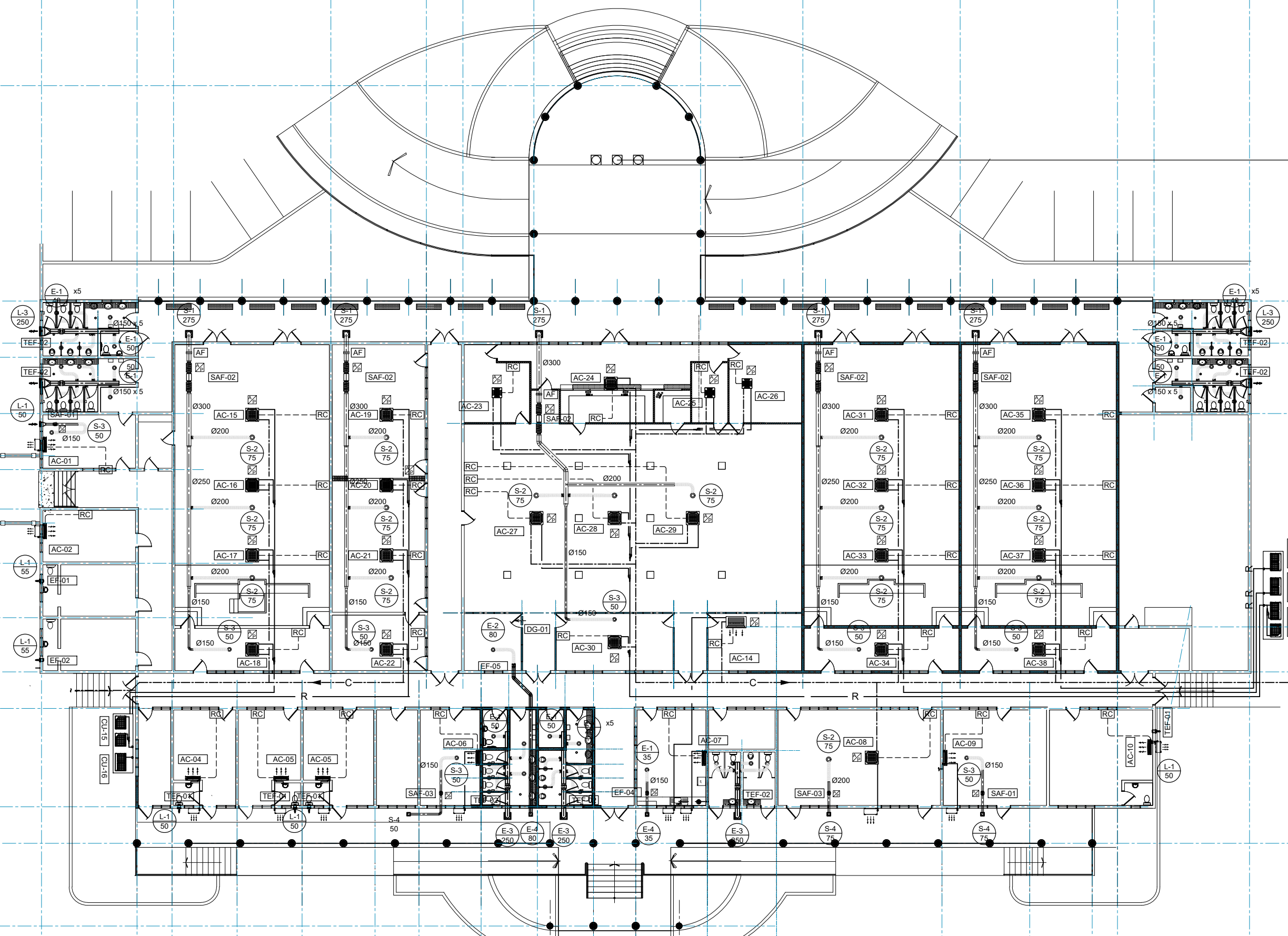
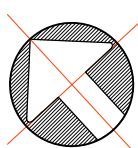
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" **PROPOSED COURT HOUSE** "
at Salelologa, Savaii



DRAWING TITLE:

MECHANICAL SERVICES
EQUIPMENT SCHEDULE

| | | | |
|-----------|-----|---------------|----------|
| DESIGNED: | MSM | DATE: | 02/02/24 |
| DRAWN: | SJ | DATE: | 02/02/24 |
| CHECKED: | MSM | PRINT ISSUED: | 02/02/24 |
| SCALE: | - | SHEET No: | M002 |



AIR CONDITIONING CONDENSATE
MAIN DRAIN PIPE DROPS
EXTERNALLY ALONG WALL,
AND DISCHARGES TO LANDSCAPE

PROPOSED COURT HOUSE AIR CONDITIONING & VENTILATION LAYOUT
SCALE: 1:300 ON A3

MECHANICAL SUB-CONSULTANTS:

C:\Users\jett\Desktop\KOO\LINE\Kooline logo with white background.jpg

ARCHITECTURAL CONSULTANTS:



PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii



DRAWING TITLE:

**MECHANICAL SERVICES
AIR CONDITIONING &
VENTILATION LAYOUT**

| | |
|-----------|------------|
| DESIGNED: | MSM |
| DRAWN: | SJ |
| CHECKED: | MSM |
| SCALE: | 1:300 (A3) |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | M100 |

SCOPE OF WORK

THE SCOPE OF WORK TO INCLUDE THE FOLLOWING SERVICES

- NEW FIRE ALARM SYSTEM: New Automatic Addressable Fire Alarm System in accordance with NZS4512 to give full coverage to the both the New Courthouse Building and the Judges Residence Building
- NEW FIRE HOSE REEL SYSTEM: New Fire Hose Reels throughout the Courthouse Building complete with pipework reticulation and Booster Pump all in accordance with NZS4503.
- NEW FIRE EXTINGUISHERS: New Fire Extinguishers to give full coverage to the upper and lower floors all in accordance with NZS4503.
- EXTERNAL FIRE HYDRANTS: New External Fire Hydrant System, complete with pipework reticulation and SFESA H-Pattern Booster Assembly.

APPLICABLE CODES AND STANDARDS

| | |
|-----------------|---|
| NZS4512 : 2010 | Fire Detection and Alarm Systems in Buildings |
| NZS4503 : 2005 | Hand Operated Fire Fighting Equipment |
| AS2419.1 : 2017 | Fire Hydrants for Buildings |
| SFESA Act 2007 | Samoa Fire & Emergency Service Act |
| NBC: 2017 | National Building Code of Samoa |

GENERAL NOTES:

GENERAL REQUIREMENTS

- THE DRAWINGS ARE FOR REFERENCE ONLY AND NOT INTENDED TO BE USED FOR EXACT MEASURE AND/OR FABRICATION. CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES PRIOR TO FABRICATION AND INSTALLATION. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ALL EQUIPMENT AND COMPONENTS NECESSARY TO ENSURE COMPLIANCE WITH RELEVANT STANDARDS.
- THE DESIGN AND INSTALLATION OF THE FIRE ALARM SYSTEM SHALL MEET THE REQUIREMENTS OF ALL CODES LISTED ON THIS SHEET.
- ALL WORK SHALL COMPLY IN ALL RESPECTS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND THE OTHER OWNER REQUIREMENTS.
- IN CASE OF DISPUTE AS TO INTENT OF DRAWING OR SPECIFICATIONS, OBTAIN ARCHITECT’S/ENGINEER’S WRITTEN APPROVAL BEFORE PROCEEDING WITH BID.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR THE FIRE ALARM SYSTEM, INCLUDING FLOOR PLANS SHOWING ALL DEVICE ADDRESSES, POWER SUPPLIES, CIRCUITRY AND ZONING PROPOSED FOR THE PROJECT/SYSTEM IN SUFFICIENT DETAIL TO CLEARLY REVIEW AND BUILD THE SYSTEM.
- IN ADDITION TO SHOP DRAWINGS, CONTRACTOR SHALL SUBMIT DATA SHEETS, AND IF APPLICABLE ADDRESSABLE CIRCUIT LOADING, NOTIFICATION APPLIANCE CIRCUIT LOADING, WATTAGE CALCULATIONS, BATTERY CALCULATIONS, CURRENT DRAW AND VOLTAGE DROP CALCULATIONS AND SAMPLES AS REQUIRED BY NFPA 72, OWNER, AND ARCHITECT REQUIREMENTS.
- CHANGES IN THE LOCATIONS OF EQUIPMENT FROM THOSE SHOWN ON APPROVED SHOP DRAWINGS SHALL BE IDENTIFIED AND APPROVED IN WRITING PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECTIFYING UNAUTHORIZED NONCOMPLIANT CHANGES AT NO ADDITIONAL CHARGE TO THE OWNER.
- THE CONTRACTOR SHALL PREPARE "AS–BUILT" DRAWINGS IN ELECTRONIC FORMAT, REFLECTING ACCURATE FIELD CONDITIONS.

FIRE ALARM NOTES:

INSTALLATION REQUIREMENTS

- THE CONTRACTOR IS SPECIFICALLY RESPONSIBLE FOR ALL MEANS AND METHODS OF JOB SAFETY. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- ALL EQUIPMENT SHALL BE NEW.
- THE INSTALLING CONTRACTOR SHALL CONTRACT WITH A SINGLE SOURCE FOR SUPPLYING JOB MATERIALS, SERVICES, AND PROGRAMMING, INCLUDING FINAL INSPECTION/TEST SERVICES.
- THE SYSTEM WILL BE COMPLETE WITH TWO LOOPS, ONE FOR THE COURTHOUSE BUILDING AND ONE FOR THE JUDGES RESIDENCE BUILDING.
- CEILING VOID DETECTORS SHALL BE INSTALLED TO ALL CEILING VOIDS GREATER THAN 800MM DEEP.
- ALL EXTERNAL COMPONENTS SHALL BE RATED FOR EXTERNAL USE.
- THE FIRE ALARM PANEL AND THE MIMIC PANEL SHALL BE HOUSED IN A PURPOSE BUILT WEATHER PROOF ENCLOSURE.
- EACH COMPONENT OF THE FIRE ALARM SYSTEM SHALL BE LISTED FOR THE INTENDED USE IN ACCORDANCE WITH NZS4512.

FIRE HOSE REEL AND FIRE EXTINGUISHER NOTES:

INSTALLATION REQUIREMENTS

- THE CONTRACTOR IS SPECIFICALLY RESPONSIBLE FOR ALL MEANS AND METHODS OF JOB SAFETY. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- ALL EQUIPMENT SHALL BE NEW.
- THE INSTALLING CONTRACTOR SHALL CONTRACT WITH A SINGLE SOURCE FOR SUPPLYING JOB MATERIALS, SERVICES, AND PROGRAMMING, INCLUDING FINAL INSPECTION/TEST SERVICES.
- THE FHR SYSTEM WILL BE COMPLETE WITH AN ELECTRIC BOOSTER PUMP OF SUFFICIENT CAPACITY TO SUPPLY THE MINIMUM FLOWS/PRESSURES AT THE FHR NOZZLE IN ACCORDANCE WITH NZS4503.
- ALL EXTERNAL FIRE HOSE REELS SHALL BE HOUSED IN A STAINLESS STEEL CABINET.
- ALL FIRE EXTINGUISHERS WITHIN PUBLIC AREAS, INCLUDING THE COURTROOMS TO BE HOUSED IN A PURPOSE BUILT FIRE EXTINGUISHER CABINET.
- ALL PIPEWORK FEEDING THE FIRE HOSEREEL SYSTEM SHALL MEET THE REQUIREMENTS OF NZS4503 I.E. ALL PIPE ABOVE GROUND SHALL BE GALVANISED STEEL PIPE.

DRAWING REGISTER












| DRAWING REGISTER | |
|------------------|--|
| DRAWING NUMBER | DRAWING TITLE |
| | FIRE PROTECTION SERVICES - COVER SHEET |
| F000 | FIRE PROTECTION SERVICES - NOTES, LEGEND, AND DRAWING REGISTER |
| F001 | FIRE PROTECTION SERVICES - DETAILS AND FIRE ALARM MATRIX |
| F100 | FIRE PROTECTION SERVICES - SITE PLAN AND FIRE HYDRANT SYSTEM LAYOUT |
| F200 | FIRE PROTECTION SERVICES -FIRE ALARM SYSTEM COURT HOUSE BUILDING: CEILING LEVEL |
| F201 | FIRE PROTECTION SERVICES - FIRE ALARM SYSTEM COURT HOUSE BUILDING: CEILING VOID |
| F202 | FIRE PROTECTION SERVICES - FIRE ALARM SYSTEM JUDGES RESIDENCE BUILDING |
| F300 | FIRE PROTECTION SERVICES - FIRE HOSE REELS AND FIRE EXTINGUISHERS COURT HOUSE BUILDING |
| F301 | FIRE PROTECTION SERVICES - FIRE EXTINGUISHERS JUDGES RESIDENCE |

FIRE HYDRANT NOTES:

INSTALLATION REQUIREMENTS

- THE CONTRACTOR IS SPECIFICALLY RESPONSIBLE FOR ALL MEANS AND METHODS OF JOB SAFETY. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- ALL EQUIPMENT SHALL BE NEW.
- THE INSTALLING CONTRACTOR SHALL CONTRACT WITH A SINGLE SOURCE FOR SUPPLYING JOB MATERIALS, SERVICES, AND PROGRAMMING, INCLUDING FINAL INSPECTION/TEST SERVICES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING THE ø100MM CONNECTION TO THE SWA MAIN LOCATED IN SALELOLOGA SASAE DRIVE.
- THE CONTRACTOR WILL DETERMINE THE SIZE AND ADEQUACY OF THE FLOWS AND PRESSURES PRIOR TO ARRANGING THIS CONNECTION.
- ALL UNDERGROUND PIPE TO BE HDPE PIPE IN ACCORDANCE WITH AS2419.1.
- ALL PIPEWORK ABOVE GROUND PIPE TO BE GALVANISED STEEL. WHERE ANY JUNCTION OF GALVANISED STEEL PIPE IS BELOW OR CLOSE TO GROUND LEVEL IS SHALL BE WRAPPED WITH 2 LAYERS OF DENSO WRAP WITH ONCE LAYER OVER OVERWRAP.

LEGEND

| SYMBOL | DESCRIPTION | TYPE |
|---|--------------------------------|--|
|  | FIRE ALARM CONTROL PANEL | Automatic Addressable Fire Alarm Panel AMPAC Loopsense 1 Loop or approved alternative |
|  | MANUAL PULL STATION | Addressable MCP AMPAC ACP-02 or approved alternative |
|  | HEAT DETECTOR | Addressable Heat Detector Complete with Base AMPAC XP95 HD or approved alternative |
|  | CEILING VOID DETECTOR | Conventional High Temp Heat Detector AMPAC Conv High Temp HD or approved alternative |
|  | SMOKE DETECTOR | Addressable Smoke Detector Complete with Base AMPAC XP95 SD or approved alternative |
|  | SPEAKER | Ceiling Mount or Surface Mount as required |
|  | ZONE INPUT DEVICE | Addressable Zone Input Device AMPAC ZID or approved alternative |
|  | Fire Extinguisher - Dry Powder | PSI or Equivalent Dry Powder Fire Extinguisher. Size as Indicated on Plan. |
|  | Fire Extinguisher CO2 | PSL or Equivalent CO2 Fore Extinguisher - 5.0kg |
|  | Fire Hose Reel | PSL or Equivalent 36m x 19mm Fire Hose Reel Complete with Cabinet |
|  | External Fire Hydrant | Dual Head Fire Hydrant complete with 65mm Storz Coupling to match SFESA requirements. |

FIRE PROTECTION SUB-CONSULTANTS:

ARCHITECTURAL CONSULTANTS:



Mobile: 7772819 / 7774141 Phone: 8423134 /
Fax : (685)28124
E-mail: ves.architects@samoa.ws

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

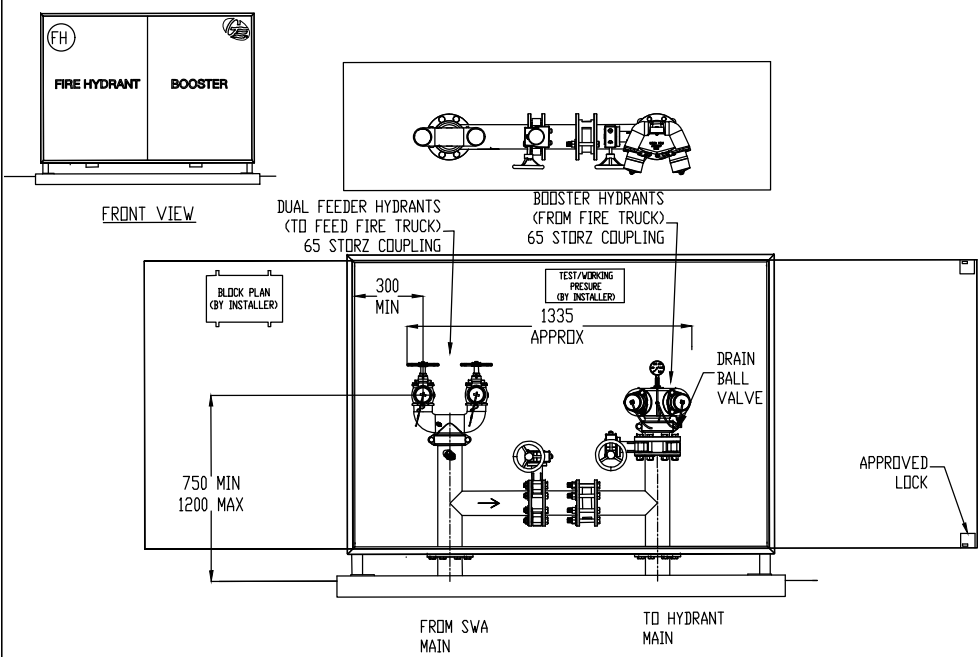


DRAWING TITLE:

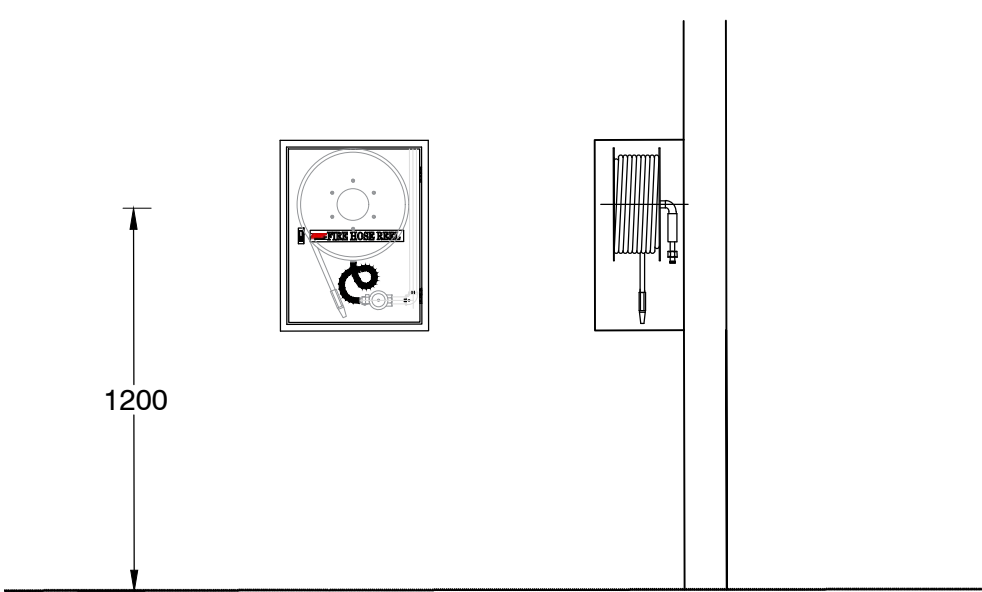
FIRE PROTECTION SERVICES
Notes, Legend and Drawing Register

| | | | |
|-----------|-----|---------------|----------|
| DESIGNED: | PN | DATE: | 02/02/24 |
| DRAWN: | PN | DATE: | 02/02/24 |
| CHECKED: | DS | PRINT ISSUED: | 02/02/24 |
| SCALE: | nts | SHEET No: | F000 |

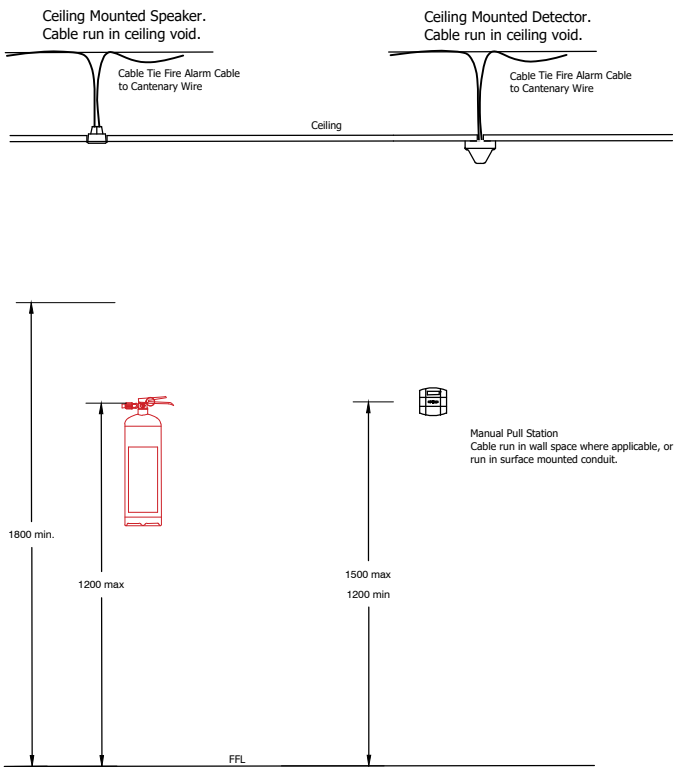
BOOSTER ASSEMBLY DETAIL



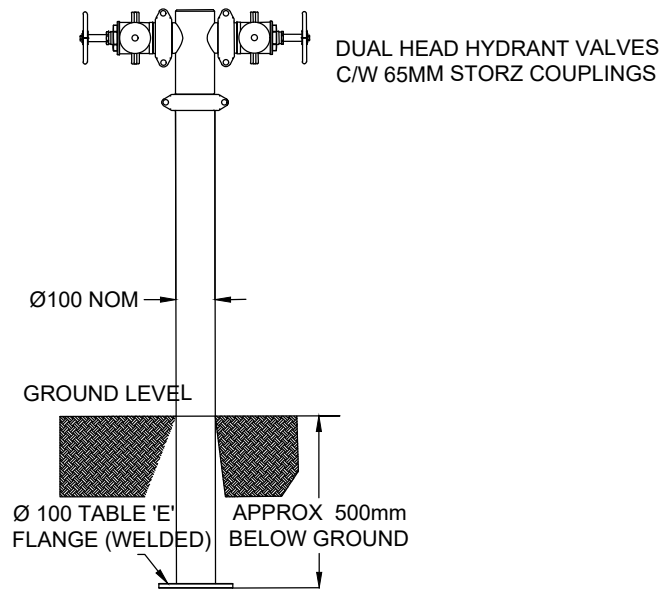
FIRE HOSE REEL DETAIL



FIRE ALARM AND FIRE EXTINGUISHER DETAIL



FIRE HYDRANT DETAIL



FIRE ALARM MATRIX

| SYSTEM INPUTS | | SYSTEM OUTPUTS | | | | |
|---------------|--|--|---|---|---|---|
| | | BUILDING FIRE ALARM SEQUENCE OF OPERATIONS | | | | |
| | | ACTIVATE COMMON AUDIBLE/VISUAL ALARM SIGNAL THROUGHOUT ENTIRE BUILDING | | | | |
| | | ALARM CONDITION AT FACP | | | | |
| | | SUPERVISORY CONDITION AT FACP | | | | |
| | | TROUBLE CONDITION AT FACP | | | | |
| | | SHUT DOWN ASSOCIATED HVAC UNIT AND/OR DAMPERS | | | | |
| | | A | B | C | D | E |
| 1 | MANUAL FIRE ALARM PULL STATION | ● | ● | | | 1 |
| 2 | SMOKE DETECTOR | ● | ● | | | 2 |
| 3 | HEAT DETECTOR | ● | ● | | | 3 |
| 4 | FACP CIRCUIT FAULT (OPEN, GROUND, SHORT) | | | | ● | 4 |
| 5 | OTHER TROUBLE CONDITION | | | | ● | 5 |

FIRE PROTECTION SUB-CONSULTANTS:

ARCHITECTURAL CONSULTANTS:



Mobile: 7772819 / 7774141 Phone: 8423134 / Fax: (685)28124 E-mail: ves.architects@samoa.ws

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS AND ADMINISTRATION
" PROPOSED COURT HOUSE " at Salelologa, Savaii

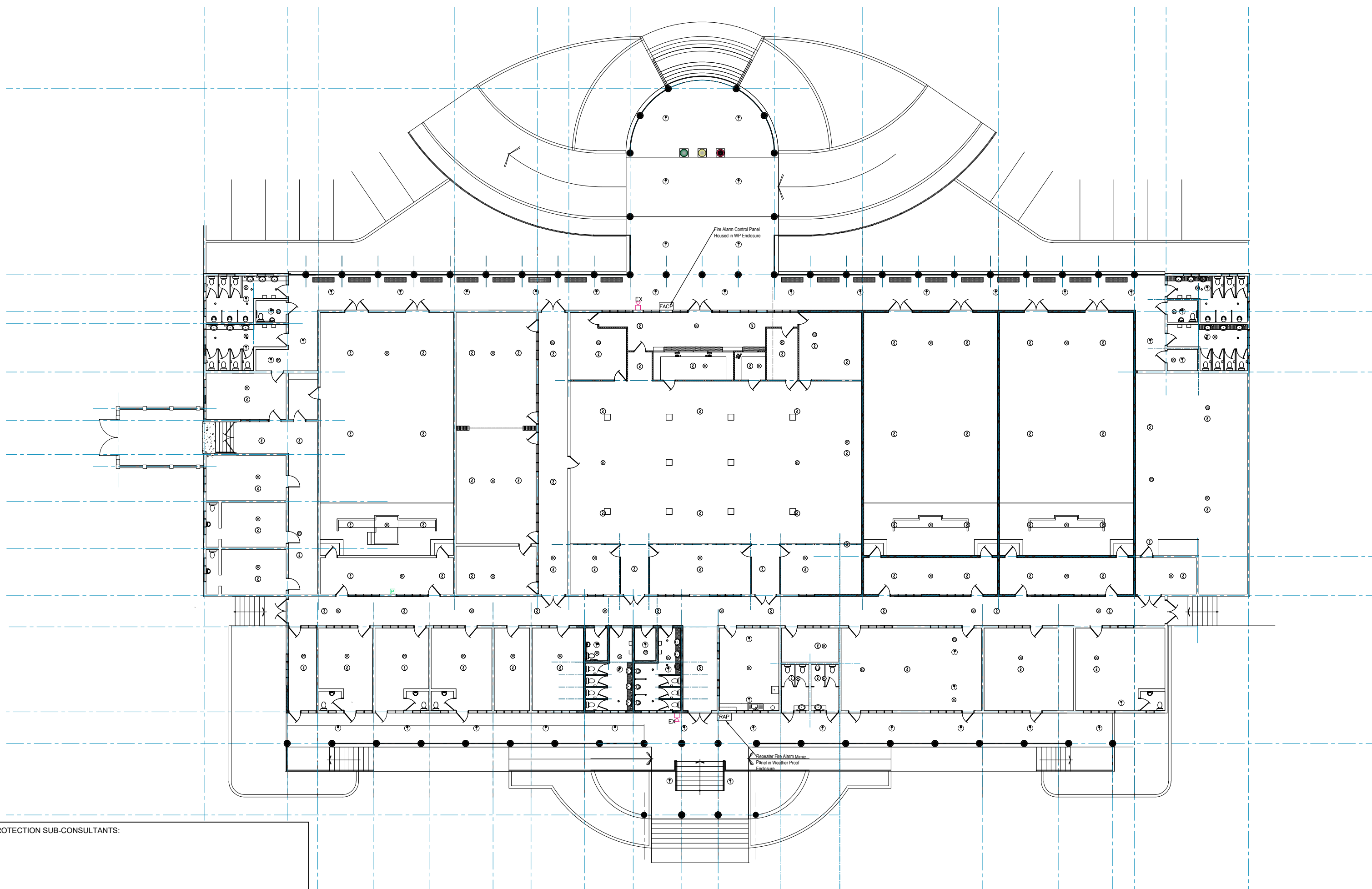


DRAWING TITLE:

FIRE PROTECTION SERVICES
DETAILS AND FIRE ALAMR MATRIX OP
OPERATION

| | |
|-----------|-----|
| DESIGNED: | PN |
| DRAWN: | PN |
| CHECKED: | DS |
| SCALE: | NTS |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | F001 |



FIRE PROTECTION SUB-CONSULTANTS:

ARCHITECTURAL CONSULTANTS:



Mobile: 7772819 / 7774141 Phone: 8423134 /
Fax : (685)28124
E-mail: ves.architects@samoa.ws

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

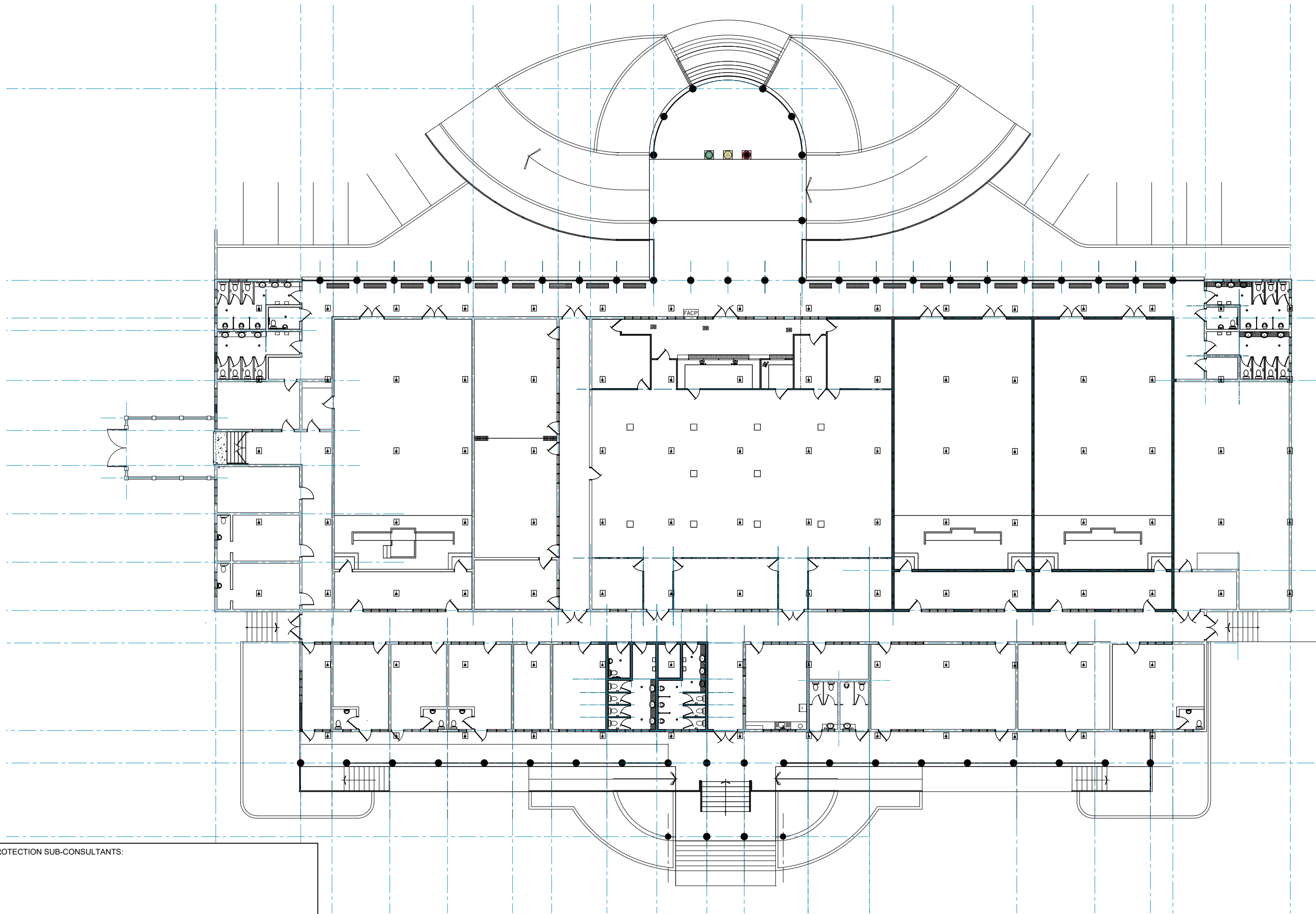
PROJECT TITLE:
MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" **PROPOSED COURT HOUSE** "
at Salelologa, Savaii



DRAWING TITLE:
**FIRE PROTECTION SERVICES
COURTHOUSE BUILDING
Addressable Fire Alarm System
Ceiling Level**

| | |
|-----------|------------|
| DESIGNED: | PN |
| DRAWN: | PN |
| CHECKED: | DS |
| SCALE: | 1:150 (A1) |

| | |
|---------------|-------------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | F200 |



FIRE PROTECTION SUB-CONSULTANTS:

ARCHITECTURAL CONSULTANTS:



Mobile: 7772819 / 7774141 Phone: 8423134 /
Fax : (685)28124
E-mail: ves.architects@samoan.ws

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE " at Salelologa, Savaii

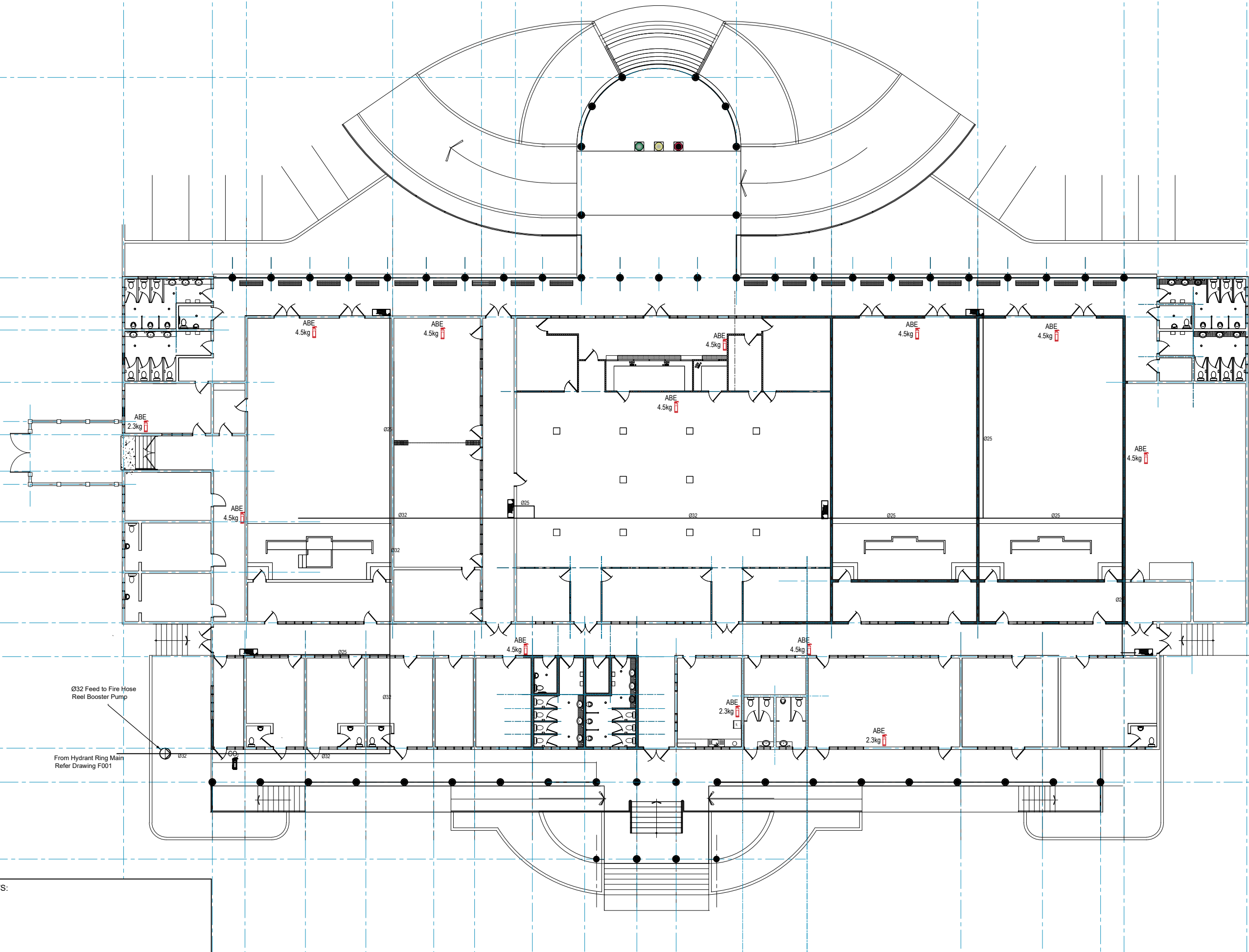


DRAWING TITLE:

FIRE PROTECTION SERVICES
COURTHOUSE BUILDING
Addressable Fire Alarm System
Roof Void

| | |
|-----------|------------|
| DESIGNED: | PN |
| DRAWN: | PN |
| CHECKED: | DS |
| SCALE: | 1:150 (A1) |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | F201 |



FIRE PROTECTION SUB-CONSULTANTS:

ARCHITECTURAL CONSULTANTS:



Mobile: 7772819 / 7774141 Phone: 8423134 /
Fax : (685)28124
E-mail: ves.architects@samoa.ws

Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

PROJECT TITLE:

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE " at Salelologa, Savaii



DRAWING TITLE:

FIRE PROTECTION SERVICES
COURTHOUSE BUILDING
Fire Hose Reels/Fire Extinguishers

| | |
|-----------|------------|
| DESIGNED: | PN |
| DRAWN: | PN |
| CHECKED: | DS |
| SCALE: | 1:150 (A1) |

| | |
|---------------|----------|
| DATE: | 02/02/24 |
| DATE: | 02/02/24 |
| PRINT ISSUED: | 02/02/24 |
| SHEET No: | F300 |

GENERAL

1. STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION, ARCHITECTURAL, CIVIL AND ENGINEERING SERVICES DOCUMENTS.
2. UNLESS OTHERWISE NOTED, ALL LEVELS ARE IN METERS, AND ALL DIMENSIONS ARE IN MILLIMETERS
3. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING FROM DRAWINGS.
4. ALL DISCREPANCIES SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF ALL NECESSARY TEMPORARY WORKS TO ENSURE STRENGTH AND STABILITY OF THE STRUCTURE AND ADEQUATE SUPPORT TO THE EXISTING SERVICES THROUGHOUT THE COURSE OF THE WORKS.
6. TAKE PRECAUTIONS TO ESTABLISH LOCATION OF AND PROTECT EXISTING SERVICES AT SITE. SERVICES SHOWN ON DRAWINGS ARE IN APPROXIMATE LOCATIONS ONLY. SERVICES OTHER THAN THOSE SHOWN MAY EXIST ON SITE. HAND EXCAVATE WITHIN ONE METRE OF SERVICES.
7. WHERE PROPRIETARY PRODUCTS ARE SPECIFIED IN THE DOCUMENTS THE CONTRACTOR MAY SUBMIT AN ALTERNATIVE PRODUCT FOR APPROVAL.
8. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT CODES OF PRACTICE EXCEPT WHERE VARIED BY THE SPECIFICATION AND/OR DRAWINGS

| | |
|-------------|---|
| AS/NZS 1170 | STRUCTURAL DESIGN ACTIONS |
| NZS 3404 | STEEL STRUCTURES STANDARD |
| NZS 4711 | QUALIFICATION TESTS FOR MANUAL METAL ARC WELDERS |
| NZS 4781 | CODE OF PRACTICE FOR SAFETY IN WELDING AND CUTTING |
| AS/NZS 3679 | HOT ROLLED STRUCTURAL STEEL BARS AND SECTIONS |
| AS 1163 | STRUCTURAL STEEL AND HOLLOW SECTIONS |
| AS/NZS 4600 | COLD FORMED STEEL STRUCTURES |
| AS/NZS 1554 | STRUCTURAL STEEL WELDING PART 1: WELDING OF STEEL STRUCTURES |
| AS/NZS 1627 | METAL FINISHING PREPARATION AND PRETREATMENT OF METAL SURFACES |
| AS/NZS 4680 | HOT DIP GALVANISED (ZINC) COATINGS ON FABRICATED FERROUS ARTICLES |
| AS/NZS 2312 | GUIDE TO THE PROTECTION OF IRON AND STEEL AGAINST EXTERIOR ATMOSPHERE CORROSION |
| AS/NZS 5131 | STRUCTURAL STEELWORK - FABRICATION AND ERECTION |
| NZS 3101 | CONCRETE STRUCTURES STANDARD |
| NZS 3104 | SPECIFICATION FOR CONCRETE PRODUCTION - HIGH GRADE AND SPECIAL GRADE |
| NZS 3109 | CONCRETE CONSTRUCTION |
| NZS 3114 | CONCRETE SURFACE FINISHES |
| NZS 3111 | METHODS OF TEST FOR WATER AND AGGREGATE FOR CONCRETE |
| NZS 3112 | METHODS OF TEST FOR CONCRETE |
| NZS 3121 | SPECIFICATION FOR WATER AND AGGREGATE FOR CONCRETE |
| NZS 3106 | DESIGN OF CONCRETE STRUCTURES FOR THE STORAGE OF LIQUIDS |

9. ABBREVIATIONS ON THE DRAWINGS ARE AS FOLLOWS:

| | |
|------|----------------------------|
| ABR | ALTERNATE BAR REVERSED |
| AFFL | ABOVE FINISHED FLOOR LEVEL |
| ALT | ALTERNATE |
| B | BOTTOM |
| CJ | CONSTRUCTION JOINT |
| CP | CENTRALLY PLACED |
| CRS | CENTRES |
| DIA | DIAMETER |
| DP | DOWNPIPE |
| DRG | DRAWING |
| EF | EACH FACE |
| EJ | EXPANSION JOINT |
| EW | EACH WAY |
| FF | FAR FACE |
| FFL | FINISHED FLOOR LEVEL |
| FGL | FINISHED GROUND LEVEL |
| FL | FINISHED LEVEL |
| FW | FILLET WELD |
| FWAR | FILLET WELD ALL ROUND |
| GALV | GALVANISED |
| HDG | HOT DIP GALVANISED |
| LAR | LAP AT RANDOM |
| MAX | MAXIMUM |
| MCJ | MASONRY CONTROL JOINT |
| MEJ | MASONRY EXPANSION JOINT |
| MIN | MINIMUM |

CONCRETE

1. MINIMUM CONCRETE STRENGTHS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON DRAWINGS:

| ELEMENT | f _c (MPa) |
|---------------------------------|----------------------|
| SITE CONCRETE | 10 |
| CONCRETE FOUNDATION | 25 |
| CONCRETE SLAB, BEAM, COLUMN | 25 |
| CONCRETE MASONRY WALL CORE FILL | 20 |
| MASS CONCRETE | 20 |

2. SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF APPLIED FINISHES.
3. ALL CONSTRUCTION JOINTS SHALL BE TYPE B. REFER TO NZS 3109:1997 SECTION 5.6 FOR DETAILS OF CONSTRUCTION JOINT TYPES. CONSTRUCTION JOINTS WHERE NOT SHOWN ON DRAWINGS SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER.
4. TOLERANCES AND FINISHES TO BE AS PER SPECIFICATION.
5. SCHEDULE OF SURFACE FINISHES:

| ELEMENT | FINISH |
|---|---------------------|
| CONCRETE EXPOSED IN FINISHES SURFACE (FORMED) | F5 |
| OTHER CONCRETE EXPOSED IN FINISHED SURFACE (UNFORMED) | U5 - BRUSHED FINISH |

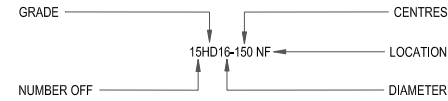
6. 5mm RADIUS CORNERS SHALL BE PROVIDED TO OUTER EDGES OF CONCRETE MEMBERS, UNO.
7. PROVIDE MINIMUM CLEAR COVER TO REINFORCEMENT AS SHOWN BELOW, EXCEPT WHERE SPECIFIED OTHERWISE.

| LOCATION | COVER (mm) |
|---|------------|
| PRECAST CONCRETE | 35 |
| FOUNDATIONS CAST AGAINST FORMWORK | 50 |
| FOUNDATIONS CAST AGAINST DPM | 50 |
| FOUNDATIONS CAST AGAINST NATURAL GROUND | 75 |
| ELSEWHERE UNLESS NOTED OTHERWISE | 75 |

8. EXPOSURE CLASSIFICATION FOR ALL ABOVE GROUND IS B1 (EXTERNAL) AND BELOW GROUND IS A2
9. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH NZS 3104:1991 AND NZS 3108:1997.
10. ALL CONCRETE SHALL BE 'SPECIAL' OR 'HIGH GRADE' AS DEFINED IN NZS 3109, CLAUSE 6.2, WITH SUFFICIENT CEMENT QUANTITY TO ENSURE SATISFACTORY FINISH AND DURABILITY, FROM AN APPROVED READY MIX PLANT SUITABLY GRADED IN ACCORDANCE WITH NZRMC (BASED ON NZS 3104:1991). MIX DESIGNS SUBMITTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
11. CALCIUM CHLORIDE SHALL NOT BE USED.
12. MAXIMUM NOMINAL AGGREGATE SIZE SHALL GENERALLY BE 19mm UNLESS NOTED OTHERWISE ON DRAWINGS.
13. CONCRETE SHALL NOT BE PUMPED WITHOUT THE ENGINEER'S PRIOR APPROVAL. THE AGGREGATE USED, AND OVERALL MIX DESIGN (INCLUDING THE USE OF ANY ADDITIVES) SHALL MEET THE PROVISIONS OF SECTION 2 OF 'ALKALI AGGREGATE REACTION (C AND CA)'.
14. CURE CONCRETE IN ACCORDANCE WITH NZS 3109 FOR 7 DAYS.
15. DO NOT MAKE HOLES, PENETRATIONS, RECESSES, CHASES, NOR EMBED PIPES (OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS) WITHOUT APPROVAL OF ENGINEER. DO NOT PLACE CONDUITS, PIPES ETC WITHIN COVER CONCRETE. LOCATE CONDUITS, PIPES ETC ONLY IN MIDDLE THIRD OF SLAB OR BEAM DEPTH, AND SPACED AT 3 x DIAMETER CENTRES MINIMUM. DO NOT CUT REINFORCEMENT AT PENETRATIONS WITHOUT APPROVAL.
16. AN APPROVED SHRINKAGE COMPENSATING AGENT SHALL BE USED AT ALL INFILL INSITU CONCRETE BETWEEN PRECAST WALL PANELS.

REINFORCEMENT

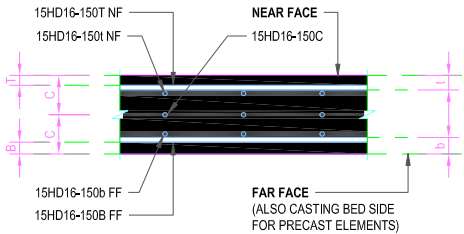
1. REINFORCING DESIGNATION AS FOLLOWS



| SYMBOL | TYPE |
|--------|--|
| R | PLAIN BARS GRADE 300E TO AS/NZS 4671 (300MPa) |
| HR | PLAIN BARS GRADE 500E TO AS/NZS 4671 (500MPa) |
| D | DEFORMED BARS GRADE 300E TO AS/NZS 4671 (300MPa) |
| HD | DEFORMED BARS GRADE 500E TO AS/NZS 4671 (500MPa) |
| M | MESH TO AS/NZS 4671 (500MPa) |
| RB | REIDBAR GRADE 500E OR AS/NZS 4671 AND AS 1302 (500MPa) |

| LOCATIONS (IN RELATION TO INTERNAL & EXTERNAL CONCRETE COVERS) | |
|--|-------------------------|
| T | TOP OUTER (NEAR FACE) |
| t | TOP INNER (NEAR FACE) |
| C | CENTRAL |
| b | BOTTOM INNER (FAR FACE) |
| B | BOTTOM OUTER (FAR FACE) |
| NF | NEAR FACE |
| FF | FAR FACE |
| EW | EACH WAY |
| EF | EACH FACE |

EXAMPLE FOR LOCATIONS



2. NO REINFORCEMENT SPLICES SHALL BE MADE OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. REINFORCEMENT LAPS IN CONCRETE TO COMPLY WITH THE TABLE BELOW EXCEPT WHERE SPECIFIED OTHERWISE:
SPLICE LAP LENGTHS ARE FOR DEFORMED BARS (In mm.)

| BAR SIZE | GRADE | |
|----------|-------|------|
| | D | HD |
| 6 | 300 | 340 |
| 10 | 340 | 560 |
| 12 | 410 | 675 |
| 16 | 540 | 900 |
| 20 | 670 | 1125 |
| 25 | 840 | 1400 |
| 32 | 1080 | 1970 |

4. SPLICE LAP LENGTHS SHALL BE INCREASED BY 30% FOR TOP REINFORCEMENT WHERE MORE THAN 300mm OF CONCRETE IS CAST BELOW THE BAR. THE DEVELOPMENT OF PLAIN BARS SHALL RELY ON HOOKS.
5. DEVELOPMENT OF PLAIN BARS SHALL RELY ON HOOKS.
6. STAGGER LAPS WHERE POSSIBLE. WHERE LAPS ARE NOT STAGGERED INCREASE LAP LENGTHS BY 30%.
7. MINIMUM LAP FOR FABRIC SHALL BE ONE MESH BAR SPACING PLUS 25mm.
8. WELDING OR RE-BENDING OF REINFORCEMENT IS NOT PERMITTED UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.
9. ALL REINFORCING BARS USED SHALL BE MICRO-ALLOYED BARS UNLESS NOTED OTHERWISE. SECURE REINFORCEMENT IN POSITION AGAINST DISPLACEMENT AND MAINTAIN SPECIFIED CLEAR CONCRETE COVER TO REINFORCEMENT (INCLUDING FITMENTS) BY APPROVED CHAIRS, LIGATURES OR TIES. DO NOT PLACE REINFORCEMENT AFTER CONCRETING HAS COMMENCED. PROVIDE ADEQUATE SUPPORT TO PREVENT DISPLACEMENT OF REINFORCING BY WORKMEN OR EQUIPMENT DURING FIXING AND SUBSEQUENT CONCRETE PLACEMENT WITHIN FOLLOWING TOLERANCES

TIMBER

1. ALL BOLT FIXINGS TO TIMBER SHALL BE GRADE 4.6 UNLESS NOTED OTHERWISE.
2. ALL TIMBER BOLT HOLE SIZES SHALL COMPLY WITH NZS 3603 UNLESS OTHERWISE NOTED.
3. ALL TIMBER TO BE SG8 GRADE RADIATA PINE COMPLYING WITH NZS 3602 AND GRADED TO NZS 3630 UNLESS NOTED OTHERWISE.
4. MOISTURE CONTENT OF TIMBER FRAMING SHALL NOT EXCEED 25% AT THE TIME OF INSTALLATION NOR 18% AT THE TIME OF ENCLOSURE.
5. PROVIDE WASHERS TO ALL BOLTED CONNECTIONS IN LOCATION AND TO SIZES REQUIRED BY NZS 3603 UNLESS NOTED OTHERWISE.

| | | | | | | | | | | | |
|---|--|---------------------------------------|-------------------------------------|--|--------------------|-------------|------------|------------|---------|------------------------|----------|
| <div><div>APME</div><div>PROJECT MANAGERS & ENGINEERS</div></div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: GENERAL NOTES | | Scale (A1): X.X | | | | | | |
| | | | | | Scale (A3): NTS | | | | | | |
| | | | | | | 0 | 95% DESIGN | APME | KL | | NOV 2022 |
| | | | | | | No. 2022005 | Revision: | Drawn S001 | Checked | Date Revision: 0 | |

10. DEVIATION OF REINFORCEMENT FROM ITS SPECIFIED POSITION SHALL NOT EXCEED FOLLOWING (mm):

(a) FOR POSITIONS CONTROLLED BY COVER:

- IN BEAMS, SLABS, COLUMNS, AND WALLS -0, +10
- IN SLABS ON GROUND -10, +20
- IN FOOTINGS CAST IN GROUND -20, +40

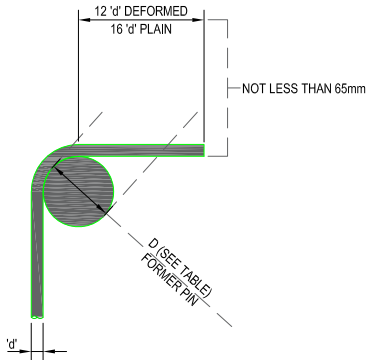
WHERE NEGATIVE VALUE INDICATES A DECREASE IN SPECIFIED COVER AND POSITIVE VALUE INDICATES AN INCREASE IN SPECIFIED

(b) FOR POSITIONS NOT CONTROLLED BY COVER:

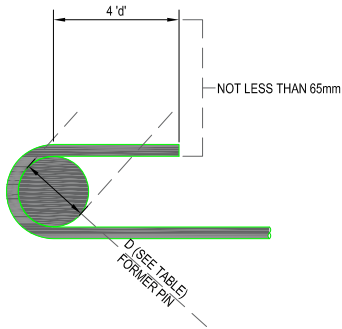
- LOCATIONS ON TENDONS ON A PROFILE +50
- POSITIONS OF ENDS OF REINFORCEMENT ±50

SPACING OF BARS IN WALLS AND SLABS AND OF FITMENTS IN BEAMS AND COLUMNS ~ 10% OF SPACING, OR ±15 MINIMUM

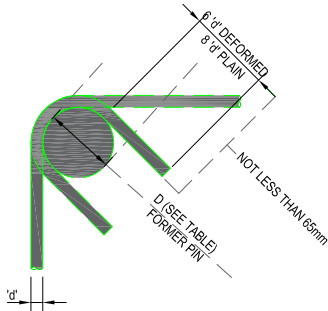
STANDARD HOOKS AND BENDS:



STANDARD LEG



STANDARD HOOK



STANDARD TIE OR STIRRUP ANCHORAGE

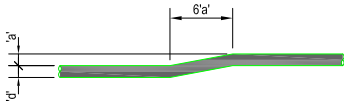
ALL DIMENSIONS ARE FROM OUTSIDE TO OUTSIDE OF BARS EXCEPT RADII WHICH ARE INSIDE TO INSIDE OF BAR. 'd' DENOTES NOMINAL BAR DIAMETER.

| MINIMUM FORMER PIN DIAMETER D (mm) | | | |
|------------------------------------|----------------------------|-----------------------------------|----------|
| BAR SIZE | MAIN STEEL GRADE 300 & 500 | STIRRUPS AND TIES GRADE 300 & 500 | |
| | | PLAIN ROUND | DEFORMED |
| 6 | 30 | 12 | 24 |
| 10 | 50 | 20 | 40 |
| 12 | 60 | 24 | 48 |
| 16 | 80 | 32 | 64 |
| 20 | 100 | 40 | 80 |
| 24 | 144 | | |
| 32 | 192 | | |
| 40 | 240 | | |

NOTE:
FOR STIRRUPS AND TIES, WHERE THE MAIN BAR SIZE IS GREATER THAN THE MINIMUM FORMER PIN DIAMETER, THE MAIN BAR SIZE WILL GOVERN.

STANDARD BAR CRANK

WHEN MAIN BARS ARE OFFSET, I.e., FOR CRANKED LAPS, THE SLOPE OF THE INCLINED PORTION OF THE BAR SHALL NOT EXCEED 1 IN 6, THUS:



STRUCTURAL STEEL

- ALL STEEL IN THIS CONTRACT IS CONSTRUCTION CATEGORY 2 IN ACCORDANCE WITH AS/NZS 5131.
- THE STEEL FABRICATOR SHALL HAVE SCNZ STEEL FABRICATION CERTIFICATION TO THE REQUIRED CONSTRUCTION CATEGORY AND MEET THE REQUIREMENTS UNDER THIS SCHEME.
- STEEL MEMBERS SHALL BE THE FOLLOWING GRADES UNLESS NOTED OTHERWISE.

| MEMBER | GRADE |
|-------------|----------|
| UC,UB, PFC, | 300 PLUS |
| EA, UA | 300 |
| RHS/SHS | 350LO |

- ALL PLATES AND CLEATS SHALL BE GRADE 350 UNLESS NOTED OTHERWISE.
- CORROSION PROTECTION:
ALL EXTERNAL EXPOSED STEELWORK TO BE HOT DIP GALVANISED TO HDG 600. REFER TO STRUCTURAL SPECIFICATION, INTERNAL COVERED STEEL TO BE PAINTED WITH TWO COAT OF ZINC RICH PRIMER.
- BOLTING:
UNLESS OTHERWISE SHOWN ON THE DRAWINGS BOLTS SHALL BE GRADE 8.8/S COMPLYING WITH NZS 3404. THREADS MAY BE INCLUDED IN SHEAR PLANES.
- USE BOLT LENGTHS SO THAT PROJECTION BEYOND NUT IS AT LEAST TWO THREADS, AND NOT MORE THAN 10mm.
- USE BOLTS WITH THREADS IN COMPLIANCE WITH AS1275. BOLTS OF STRENGTH GRADE 4.6 TO BE COMMERCIAL GRADE BOLTS TO AS1111 AND 1112, BOLTS OF STRENGTH GRADE 8.8 TO BE HIGH STRENGTH STRUCTURAL BOLTS, NUTS AND WASHERS TO AS/NZS1252. MECHANICAL PROPERTIES OF BOLTS, NUTS, SCREWS AND STUDS TO COMPLY WITH AS/NZS4291.2. WASHERS TO COMPLY WITH AS1237. TIGHTENING PROCEDURES TO COMPLY WITH NZS3404.
- MILL CERTIFICATES SHALL BE PROVIDED TO THE ENGINEER FOR ALL STEELWORK USED IN THIS CONTRACT.
- DRILL HOLES FULL SIZE OR REAM TO FULL SIZE AFTER SUB-DRILLING OR SUB-PUNCHING. SUB-DRILLED OR SUB-PUNCHED HOLES TO BE AT LEAST 3mm UNDERSIZE. FLAME CUTTING OF HOLES IS NOT PERMITTED.
- BOLT HOLE SIZE TO BE:
 - BOLT DIAMETER PLUS 2mm FOR STEEL TO STEEL CONNECTIONS.
 - BOLT DIAMETER PLUS ALLOWANCE IN ACCORDANCE WITH PROPRIETARY CHEMICAL GROUT REQUIREMENT FOR STEEL TO CONCRETE CONNECTIONS.
 - BOLT DIAMETER PLUS 6mm FOR HOLDING DOWN BOLTS OR IN ACCORDANCE WITH PROPRIETARY CHEMICAL GROUT REQUIREMENT IF SUBSTRATE IS CONCRETE.

10. WELDING:
WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF NZS 3404 AND NZS / AS 1554.1 UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS. ALL WELDS SHALL BE CATEGORY SP (STRUCTURAL PURPOSE) E48XX/W50X 5mm FWAR IN ACCORDANCE WITH NZS / AS 1554.1 UNLESS NOTED OTHERWISE.

11. STEEL FABRICATOR SHALL PROVIDE THE ENGINEER WITH ONE COPY OF THEIR WELD PROCEDURE PRIOR TO COMMENCING WELDING.

12. PREPARE WORKSHOP DRAWINGS AND SUBMIT TWO COPIES OF EACH FOR ENGINEER REVIEW OF GENERAL COMPLIANCE WITH DESIGN.

13. SHOP DRAWINGS TO SHOW RELEVANT DETAILS OF EACH ASSEMBLY, COMPONENT AND CONNECTION, TOGETHER WITH INFORMATION RELATIVE TO FABRICATION, SURFACE TREATMENT, AND ERECTION, INCLUDING IDENTIFICATION, STEEL TYPE AND GRADE, DIMENSIONS OF ITEMS, LOCATION, TYPE AND SIZE OF WELDS OR BOLTS, WELD CATEGORIES AND BOLT CATEGORIES, SURFACE PREPARATION METHODS AND COATING SYSTEM, VENT / DRAIN HOLES FOR HOT DIP GALVANISING, PROPOSED JOINTS IN STEEL MEMBERS, ETC.

14. DO NOT COMMENCE FABRICATION UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED. ALLOW 5 WORKING DAYS FOR ENGINEERS REVIEW.

15. WORKMANSHIP AND MATERIALS TO COMPLY WITH NZS3404 AND AS/NZS1554.

FOUNDATION

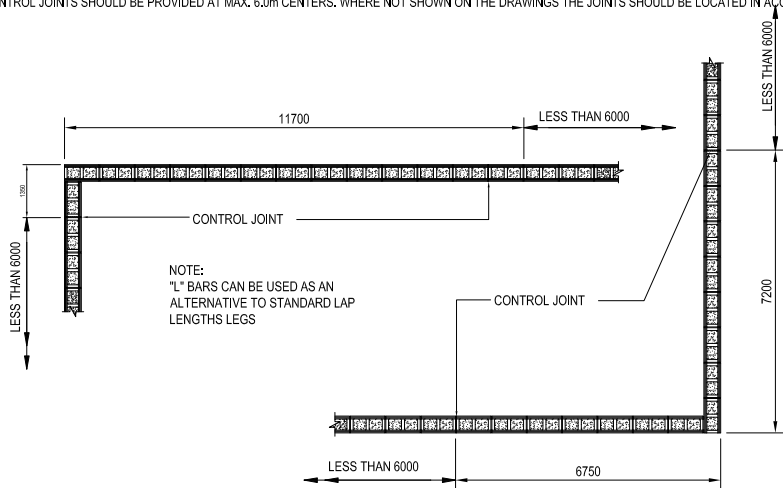
- DRAWINGS AND SPECIFICATIONS TO BE READ IN CONJUNCTION WITH SITE GEOTECHNICAL INFORMATION PROVIDED BY KRAMER AUSENCO.
- FOUNDATION DESIGN IS BASED ON 100KPA BEARING CAPACITY AND DIRECTLY BEARING ON HARDFILL ON ROCK. THE BASE OF ALL FOOTING EXCAVATIONS SHALL BE WELL COMPACTED PRIOR TO CONCRETING.
- ALL SILTS AND OBVIOUSLY LOOSE LAYERS SHALL BE REMOVED AND BACKFILLED WITH WELL COMPACTED HARDFILL.

SAFETY IN DESIGN NOTES

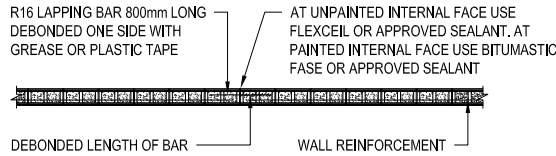
- THE CONTRACTOR IS HEREBY NOTIFIED OF THEIR NEED TO UNDERSTAND ITS OBLIGATIONS OF SAFETY IN DESIGN UNDER THE HEALTH AND SAFETY AT WORK ACT 2015 WITH PARTICULAR REFERENCE TO SECTION 39 - SAFETY IN DESIGN.
- GHD HAS TAKEN ALL REASONABLE STEPS TO IDENTIFY HAZARDS ASSOCIATED WITH DESIGN VIA AN INTERNATIONALLY ACCREDITED SAFETY IN DESIGN REVIEW PROCESS AND HAS MADE THE RESULTING REGISTER AVAILABLE TO THE CLIENT AND CONTRACTOR FOR THEIR REFERENCE AND ACTION DURING THE CONSTRUCTION OF THIS PROJECT.
- IN THE EVENT THAT A DESIGN RELATED HAZARD BECOMES APPARENT TO THE CLIENT AND/OR CONTRACTOR, THEY ARE REQUIRED TO IMMEDIATELY NOTIFY GHD LTD OF THESE ISSUES AT WHICH POINT GHD WILL REVIEW THE DESIGN WITH ALL APPROPRIATE STAKEHOLDERS TO IDENTIFY THE APPROPRIATE RISK MITIGATION METHODS.
- GHD'S SAFETY IN DESIGN REVIEW RELIES ON THE CONTRACTOR UNDERTAKING ALL WORKS IN ACCORDANCE WITH THE HEALTH AND SAFETY AT WORK ACT (2015), SUBSEQUENT HEALTH AND SAFETY AT WORK REGULATIONS, IN CONJUNCTION WITH IDENTIFIED CODES AND INDUSTRY STANDARDS.

MASONRY

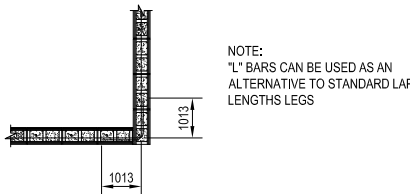
- ALL MASONRY IS LAID RUNNING BOND CONFIGURATION UNLESS NOTED OTHERWISE.
- ALL MASONRY WITHIN THE BUILDING STRUCTURE IS GRADE B AS DEFINED IN NZS 4230.
- CONCRETE MASONRY BLOCKS SHALL HAVE A COMPRESSIVE STRENGTH OF 17.5MPa AND CONFORM TO NZS 3102 UNLESS NOTED OTHERWISE, DENSITY SHALL BE > 1750kg/m.
- MORTAR SHALL COMPLY WITH THE REQUIREMENTS OF NZS 4210. COMPRESSIVE STRENGTH OF MORTAR SHALL BE NOT LESS THAN 17.5MPa.
- ALL CORES SHALL BE GROUT FILLED (17.5MPa) UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- CLEAN OUT OPENINGS TO BE PROVIDED AT BOTTOM COURSE (1.2m CENTERS MAX.). MORTAR JOINTS TO BE 10mm THICK WITH BLOCKS FULLY BEDDED AND PERPENDA FILLED, JOINTS TO BE TOOLED AT EXPOSED OR RENDERED SURFACES, BEFORE PLACING VERTICAL REINFORCEMENT CORES ARE TO BE CLEANED OF ALL MORTAR FINES AND DROPPINGS THOUGH CLEAN OUT OPENINGS. AFTER INSPECTION THE FACE SHELLS ARE TO BE MORTARED IN AT CLEAN OUT PORTS AND BRACED PRIOR TO GROUTING. GROUT TO BE RODDED TO ENSURE FILLING OF CORES WITH A MAX, CONTINUOUS POUR HEIGHT OF 2400mm.
- CONTROL JOINTS SHOULD BE PROVIDED AT MAX. 6.0m CENTERS. WHERE NOT SHOWN ON THE DRAWINGS THE JOINTS SHOULD BE LOCATED IN ACCORDANCE WITH NZS 4228:1999 AND TO THE APPROVAL OF THE ENGINEER.



8. BLOCK WORK CONTROL JOINTS:



9. ALL BLOCK WORK HORIZONTAL REINFORCEMENT MUST LAP ADEQUATELY AT CORNERS AND JUNCTIONS AS INDICATED BELOW:



10. WHERE MASONRY IS TO BE CONSTRUCTED ON SUSPENDED CONCRETE WORKS WITHOUT A CORRESPONDING WALL UNDER THE CONCRETE MUST BR FULLY PROPPED BEFORE COMMENCEMENT OF THIS MASONRY UNLESS NOTED OTHERWISE.

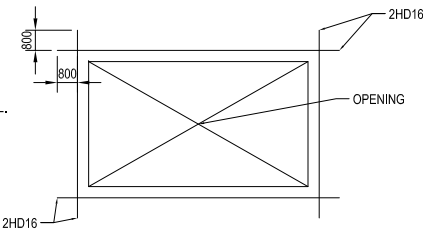
CHASING OF LOAD BEARING MASONRY UNITS IS NOT PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

NON-LOAD BEARING WALLS ARE TO HAVE 12mm COMPRESSIBLE JOINT BETWEEN TOP OF WALL AND UNDERSIDE OF SUSPENDED SLABS (OR BEAM OVER) AND WHERE THEY ABUT OTHER STRUCTURAL ELEMENTS (e.g. COLUMNS).

REINFORCEMENT LAPS IN BLOCK WORK TO COMPLY WITH TABLE BELOW:

| BAR SIZE | MIN. | 10 | 12 | 16 | 20 | 25 |
|----------|------|-----|-----|------|------|------|
| D | 450 | 480 | 480 | 640 | 800 | 960 |
| HD | - | 700 | 840 | 1120 | 1400 | 1750 |

11. TRIMMER BARS SHOULD BE PROVIDED AT ALL OPENINGS IN ACCORDANCE TO THE FOLLOWING DETAIL.



Client:
**GOVERNMENT OF SAMOA
MJCA**

Project:
COURTHOUSE SALELOLOGA

Drawing Title:
GENERAL NOTES

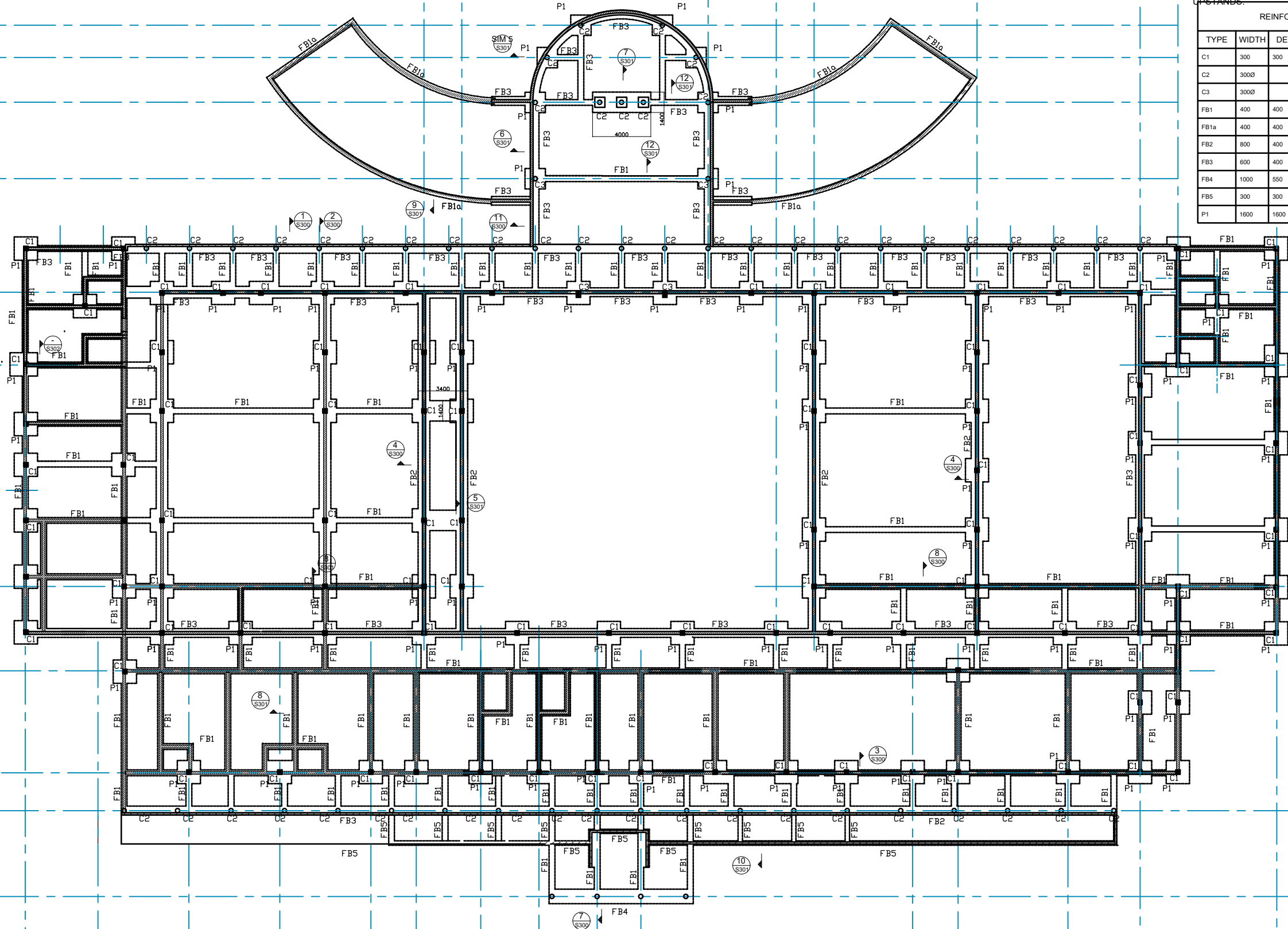
Scale (A1):
X.X

Scale (A3):
NTS

| | | | | | |
|-----------------|------------|---------|----|--|-------------|
| | | | | | |
| 0 | 95% DESIGN | APME | KL | | NOV 2022 |
| No. Revision: | Drawn | Checked | | | Date |
| Job No. 2022005 | S002 | | | | Revision: 0 |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

| REINFORCED CONCRETE SCHEDULE | | | | |
|------------------------------|-------|-------|------------------------|---------|
| TYPE | WIDTH | DEPTH | REINFORCEMENT | COMMENT |
| C1 | 300 | 300 | 8-HD16, D10@150CRS | COLUMN |
| C2 | 300Ø | | 8-HD16, D10@150CRS | COLUMN |
| C3 | 300Ø | | 12-HD20, D10@150CRS | COLUMN |
| FB1 | 400 | 400 | 3-HD16 T&B, D10@400CRS | FOOTING |
| FB1a | 400 | 400 | 2-HD16 T&B, D10@400CRS | FOOTING |
| FB2 | 800 | 400 | 4-HD16 T&B, D10@400CRS | FOOTING |
| FB3 | 600 | 400 | 4-HD16 T&B, D10@400CRS | FOOTING |
| FB4 | 1000 | 550 | 3-HD16 T&B, D10@400CRS | FOOTING |
| FB5 | 300 | 300 | 2-HD12 T&B, D10@400CRS | FOOTING |
| P1 | 1600 | 1600 | 8-HD16 T&B, EACH WAY | FOOTING |



Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | |
|---|-----------------------------|-----------------------|-----------------|-------------|---------|-----------|-------------|-----------|
|  | Client: | Project: | Drawing Title: | Scale (A1): | | | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOLOGA | FOUNDATION PLAN | XX | | | | |
| | | | | NTS | | | | |
| | | | | | No. | Revision: | Drawn | Checked |
| | | | | | Job No. | 2022005 | Drawing No. | S100 |
| | | | | | | | | Revision: |
| | | | | | | | | 0 |

1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
2. ALL DIMENSIONS ARE IN MILLIMETERS.
3. RL'S AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

KEY:

| | |
|----|------------------------------------|
| CJ | CONSTRUCTION JOINT. REFER TO S301. |
| TJ | TOOLED JOINT. REFER TO S301. |

 2-HID12 DIAGONAL BARS 1.2m LONG, 50mm EDGE CORNER COVER ,100mm BAR SPACING.


Architectural floor plan of a building slab showing reinforcement details. The plan includes a central rectangular area labeled "125 SLAB" and several surrounding areas labeled "150 SLAB". The reinforcement is detailed with circles containing numbers (1, 2, 3, 4, 5, 7, 11, 12) and "S300" indicating the spacing. Construction joints (CJ) and tooled joints (TJ) are marked. The plan also shows structural columns (C1, C2, C3) and various wall sections. A key in the top right corner defines the symbols used. Notes at the bottom right specify internal construction details.

KEY:

- CJ CONSTRUCTION JOINT
- TJ TOOLED JOINT
- 2-HD12 DIAGONAL

NOTES:

- INTERNAL CONSTRUCTION WITH THE TILE JOINT


| | | | | | | | | | | | |
|---|-----------------------------|-----------------------|----------------|--|--------------------|-----|-------------|-------|---------|-----------|----------|
|  PROJECT MANAGERS & ENGINEERS | Client: | Project: | Drawing Title: | | Scale (A1): X.X | | | | | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOLOGA | SLAB PLAN | | | 0 | 100% DESIGN | - | KL | | 02.02.24 |
| | | | | | Scale (A3): NTS | No. | Revision: | Drawn | Checked | | Date |
| | | | | | Job No. | | Drawing No. | | | Revision: | |
| | | | | | 2022005 | | S101 | | | 0 | |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

| REINFORCED CONCRETE SCHEDULE | | | | |
|------------------------------|-------|-------|--|---------|
| TYPE | WIDTH | DEPTH | REINFORCEMENT | COMMENT |
| C1 | 300 | 300 | 8-HD16, D10@150CRS | COLUMN |
| C2 | 300Ø | | 8-HD16, D10@150CRS | COLUMN |
| B1 | 300 | 600 | 2-HD16 T & B 2-HD16 MID D10@200CRS | BEAM |
| B2 | 190 | 400 | 2-HD16 T&B, D10@200CRS | BEAM |
| B3 | 300 | 450 | 4-HD16 T&B, D10@150CRS | BEAM |
| B4 | 300 | 300 | 3-HD16 T&B, D10@150CRS | BEAM |
| B5 | 300 | 600 | 3-HD16 T & B 2-HD16 MID D10@200CRS | BEAM |

- NOTES:
1. TOP OF WALL RING BEAM SHOWN ON PLAN.
 2. MID HEIGHT OF WALL RING BEAM AS PER DETAIL IN S03.
 3. IF REQUIRED, CONCRETE BEAM SPLICE LOCATED 500mm FROM FACE OF COLUMN.

Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

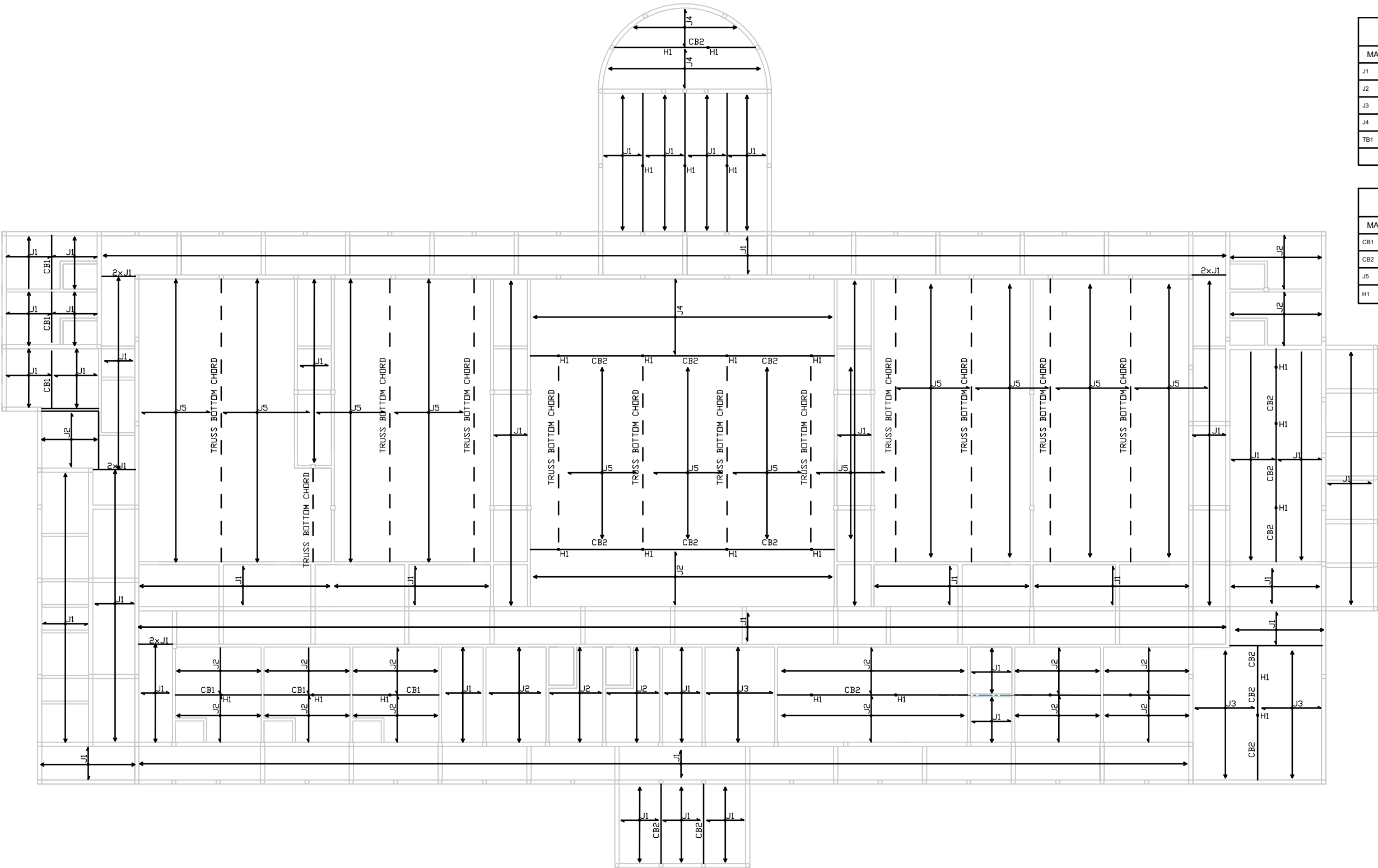
| | | | | | | | | | | | |
|--|--|---------------------------------------|--------------------------------------|--|--------------------|---------------------|-------|---------|----------------|----------|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: RING BEAM PLAN | | Scale (A1): XX | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | 0 | 100% DESIGN | - | KL | | 02.02.24 | |
| | | | | | Scale (A3): NTS | | | | | | |
| | | | | | No. | Revision: | Drawn | Checked | Date | | |
| | | | | | Job No. 2022005 | Drawing No. S102 | | | Revision: 0 | | |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

| TIMBER FRAMING SCHEDULE | | | |
|-------------------------|-------------------|-----------------------|---------------|
| MARK | SIZE | SPACING | COMMENT |
| J1 | 140X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J2 | 190X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J3 | 240X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J4 | 240X45 H3.2 | 400MM MAXIMUM CENTRES | CEILING JOIST |
| TB1 | 3-150X45 H3.2 LVL | | CEILING BEAM |
| | | | |

| STEEL FRAMING SCHEDULE | | |
|------------------------|---------------------------|---------------------|
| MARK | SIZE | COMMENT |
| CB1 | 180UB18 G300 | CEILING BEAM |
| CB2 | 200UB25 G300 | CEILING BEAM |
| J5 | 150 / 12 C JOIST - 600cra | CEILING JOIST |
| H1 | 100X100X8 SHS G350 | CEILING BEAM HANGER |

- NOTES:
1. CONTRACTOR TO PROVIDE STEEL SHOP DRAWINGS FOR ENGINEERS REVIEW. SHOP DRAWINGS SHALL BE PREPARED USING A BIM CAPABLE SOFTWARE. THE 3D MODEL SHALL BE SUBMITTED WITH PDF COPIES OF DRAWINGS FOR REVIEW.



Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | | | | | | | |
|--|--|---------------------------------------|--|-------------------|--------------------|--|--|--|--|---------|-------------|-------|-----------|------|--|--|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: CEILING FRAMING PLAN | Scale (A1): XX | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | Scale (A3): NTS | | | | | No. | Revision: | Drawn | Checked | Date | | | |
| | | | | | | | | | | Job No. | Drawing No. | | Revision: | | | | |
| | | | | | | | | | | 2022005 | S103 | | 0 | | | | |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

| TIMBER FRAMING SCHEDULE | | |
|-------------------------|-----------------|---------|
| MARK | SIZE | COMMENT |
| LR1 | 315X35 GL8 H3.2 | RAFTER |
| | | |
| | | |

NOTES:

1. CONTRACTOR TO PROVIDE STEEL SHOP DRAWINGS FOR ENGINEERS REVIEW. SHOP DRAWINGS SHALL BE PREPARED USING A BIM CAPABLE SOFTWARE. THE 3D MODEL SHALL BE SUBMITTED WITH PDF COPIES OF DRAWINGS FOR REVIEW.

| STEEL FRAMING SCHEDULE | | |
|------------------------|--------------------|---------------------|
| MARK | SIZE | COMMENT |
| T1 | REFER TO | TRUSS |
| GT1 | REFER TO | TRUSS |
| R1 | 310UB40 G300 | RAFTER |
| R2 | 200UB40 G300 | RAFTER |
| R3 | 310UB40 G300 | HIP RAFTER |
| CB1 | 180UB18 G300 | CEILING BEAM |
| CB2 | 200UB25 G300 | CEILING BEAM |
| S1 | 100X100X5 G350 | BRACE |
| S2 | 200UB25 G300 | BRACE |
| F | 75X75X8 G300 | FLY BRACE |
| H1 | 100X100X6 SHS G350 | CEILING BEAM HANGER |
| FC | 300 PFC G300 | FASCIA BEAM |
| C3 | 219X6.4 CHS G350 | POST |

Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.



Client:
GOVERNMENT OF SAMOA
MJCA

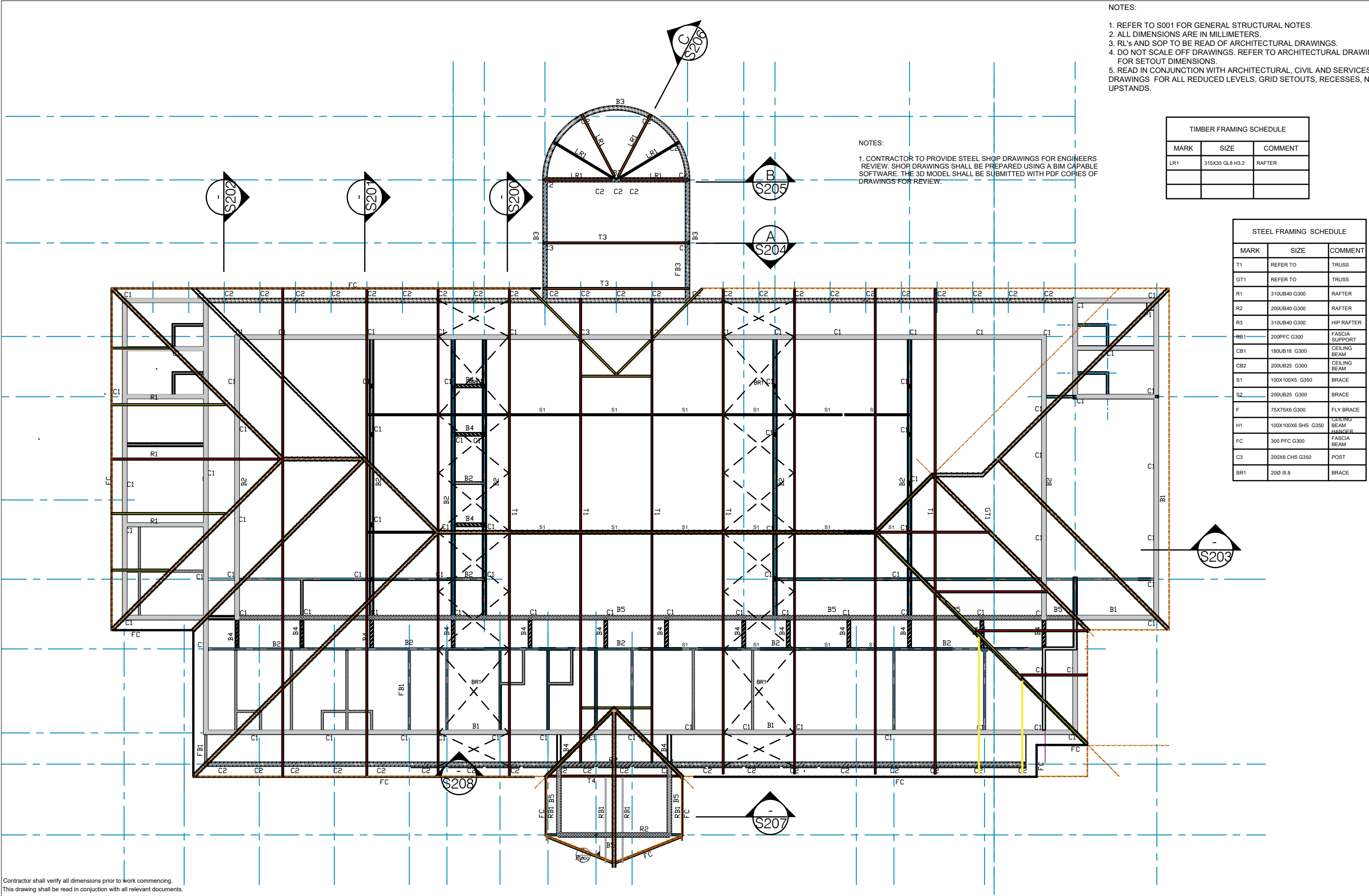
Project:
COURTHOUSE SALELOLOGA

Drawing Title:
ROOF TRUSS BOTTOM CHORD
BRACE

Scale (A1):
X.X

Scale (A3):
NTS

| | | | | | |
|---------|------------|-------------|---------|--|-----------|
| | | | | | |
| | | | | | |
| | | | | | |
| 0 | 95% DESIGN | APME | KL | | NOV 2022 |
| No. | Revision: | Drawn | Checked | | Date |
| Job No. | | Drawing No. | | | Revision: |
| 2022005 | | S104 | | | 0 |

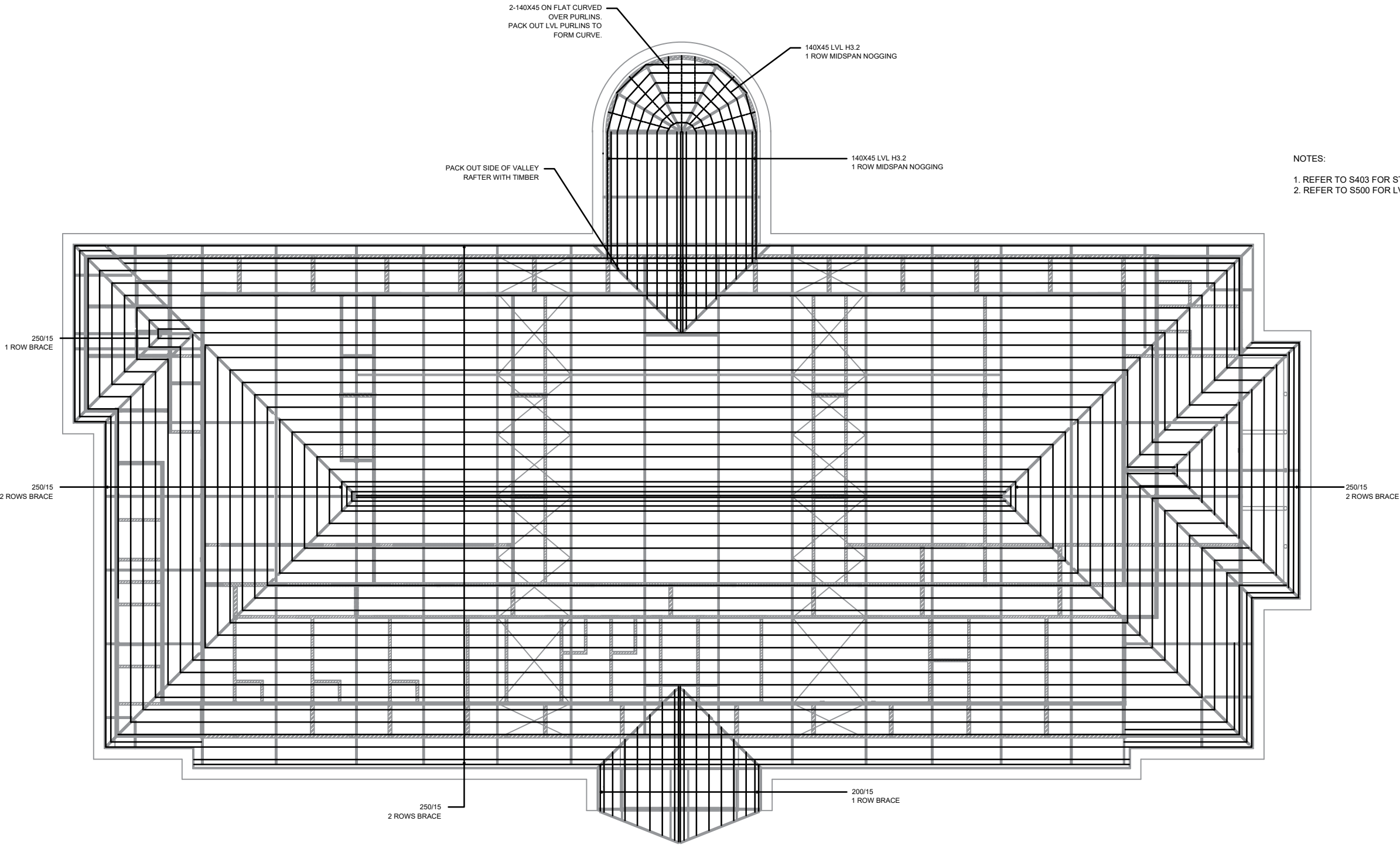


Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.


| | | | | | | | | | | |
|--|--|---------------------------------------|---|--|--------------------|-------------|---------|----|-------|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: ROOF FRAMING PLAN | | Scale (A1): X.X | | | | | |
| | | | | | | | | | | |
| | | | | | 0 | 100% DESIGN | - | KL | | |
| | | | | | Scale (A3): NTS | | | | | |
| | | | | | No. Revision: | Drawn | Checked | | | |
| | | | | | Job No. | Drawing No. | | | Revis | |
| | | | | | 2022005 | S105 | | | 0 | |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

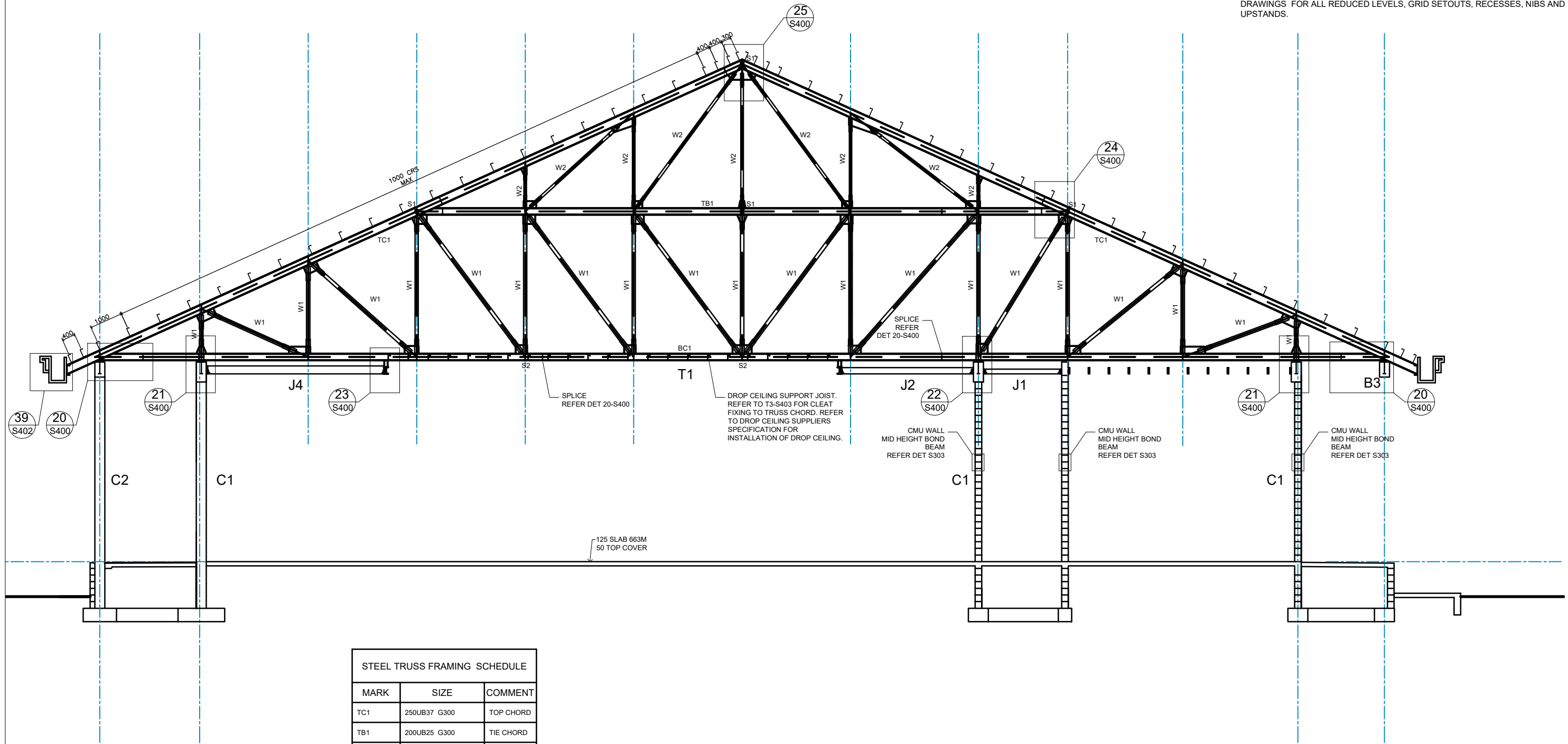
- NOTES:
1. REFER TO S403 FOR STEEL PURLIN CONNECTIONS.
 2. REFER TO S500 FOR LVL PURLIN CONNECTIONS.



Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.


| | | | | | | | | | | |
|--|--|---------------------------------------|-----------------------------------|-------------------|--------------|-----------|-------------|---------|------|-----------|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: PURLIN PLAN | Scale (A1): XX | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | 0100% DESIGN | | | | | 02.02.24 |
| | | | | | No. | Revision: | Drawn | Checked | Date | |
| | | | | | Job No. | | Drawing No. | | | Revision: |
| | | | | | 2022005 | | S106 | | | 0 |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

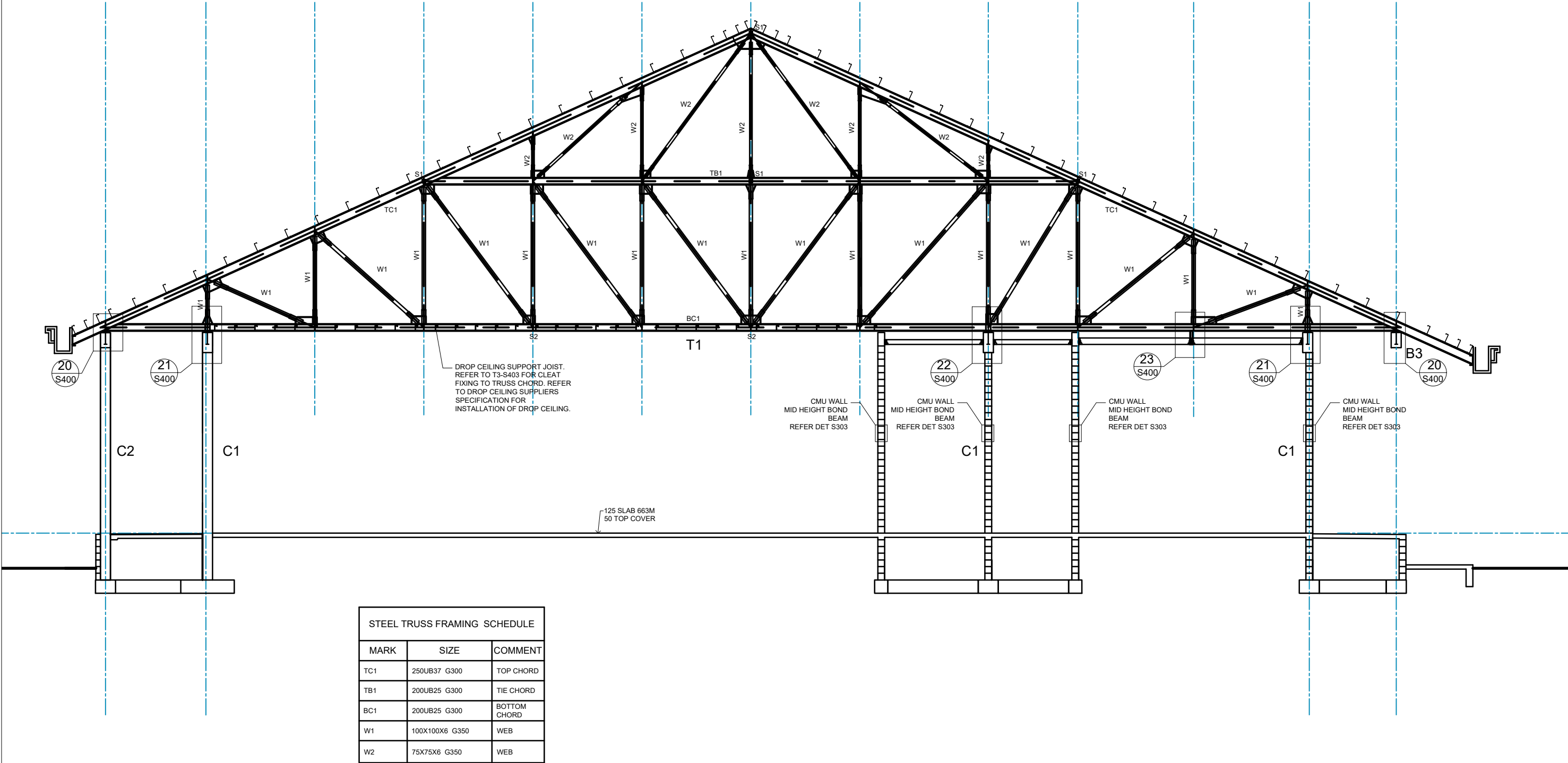


| STEEL TRUSS FRAMING SCHEDULE | | |
|------------------------------|----------------|--------------|
| MARK | SIZE | COMMENT |
| TC1 | 250UB37 G300 | TOP CHORD |
| TB1 | 200UB25 G300 | TIE CHORD |
| BC1 | 200UB25 G300 | BOTTOM CHORD |
| W1 | 100X100X6 G350 | WEB |
| W2 | 75X75X6 G350 | WEB |


Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | | | | | |
|--|--|---------------------------------------|-------------------------------|--|----------------------|-------------|---------------------|----|----------------|-----|-----------|-------|---------|------|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: SECTION | | Scale (A1): X:X | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | 0 | 100% DESIGN | - | KL | | | 02.02.24 | | | | |
| | | | | | Scale (A3): 1:120 | | | | | No. | Revision: | Drawn | Checked | Date | |
| | | | | | Job No. 2022005 | | Drawing No. S200 | | Revision: 0 | | | | | | |
| | | | | | | | | | | | | | | | |

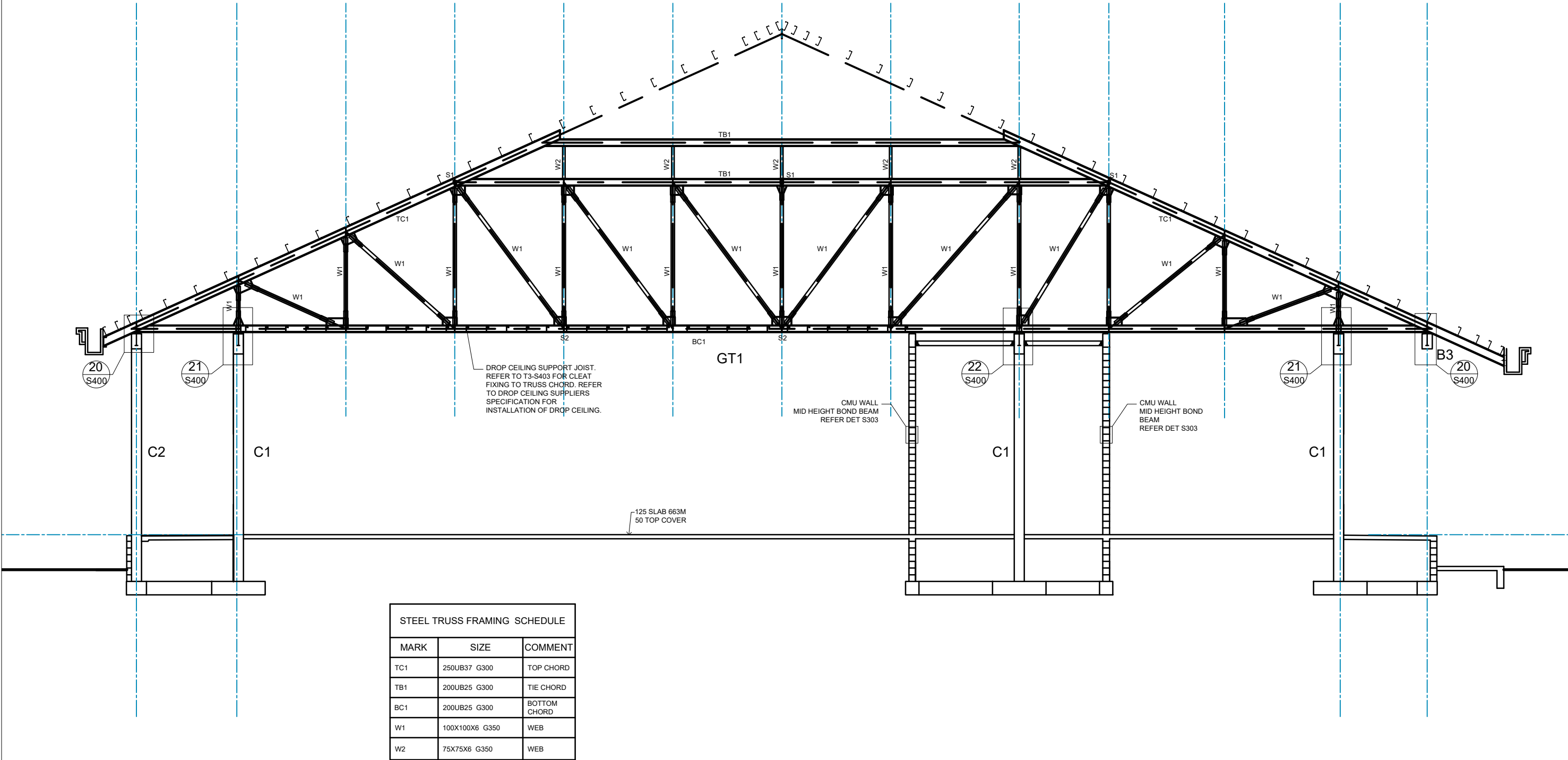
- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.




Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | |
|--|--|---------------------------------------|-------------------------------|---------|--------------------|--------------|--|--|--|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: SECTION | | Scale (A1): X.X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | 0100% DESIGN | | | | |
| | | | | | | KL | | | | |
| | | | | | | 02.02.24 | | | | |
| Scale (A3): 1:120 | No. Revision: | | Drawn | Checked | Date | | | | | |
| | Job No. | | Drawing No. | | Revision: | | | | | |
| | 2022005 | | S201 | | 0 | | | | | |
| | | | | | | | | | | |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.



Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.


| | | | | | | | | | | | | | | | | | |
|--|--|---------------------------------------|-------------------------------|--|--------------------|--|--|--|--|--|--|----------------------|-----|-----------|-------|---------|------|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: SECTION | | Scale (A1): X.X | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Scale (A3): 1:120 | No. | Revision: | Drawn | Checked | Date |
| | | | | | | | | | | | | 2022005 | | S202 | | 0 | |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

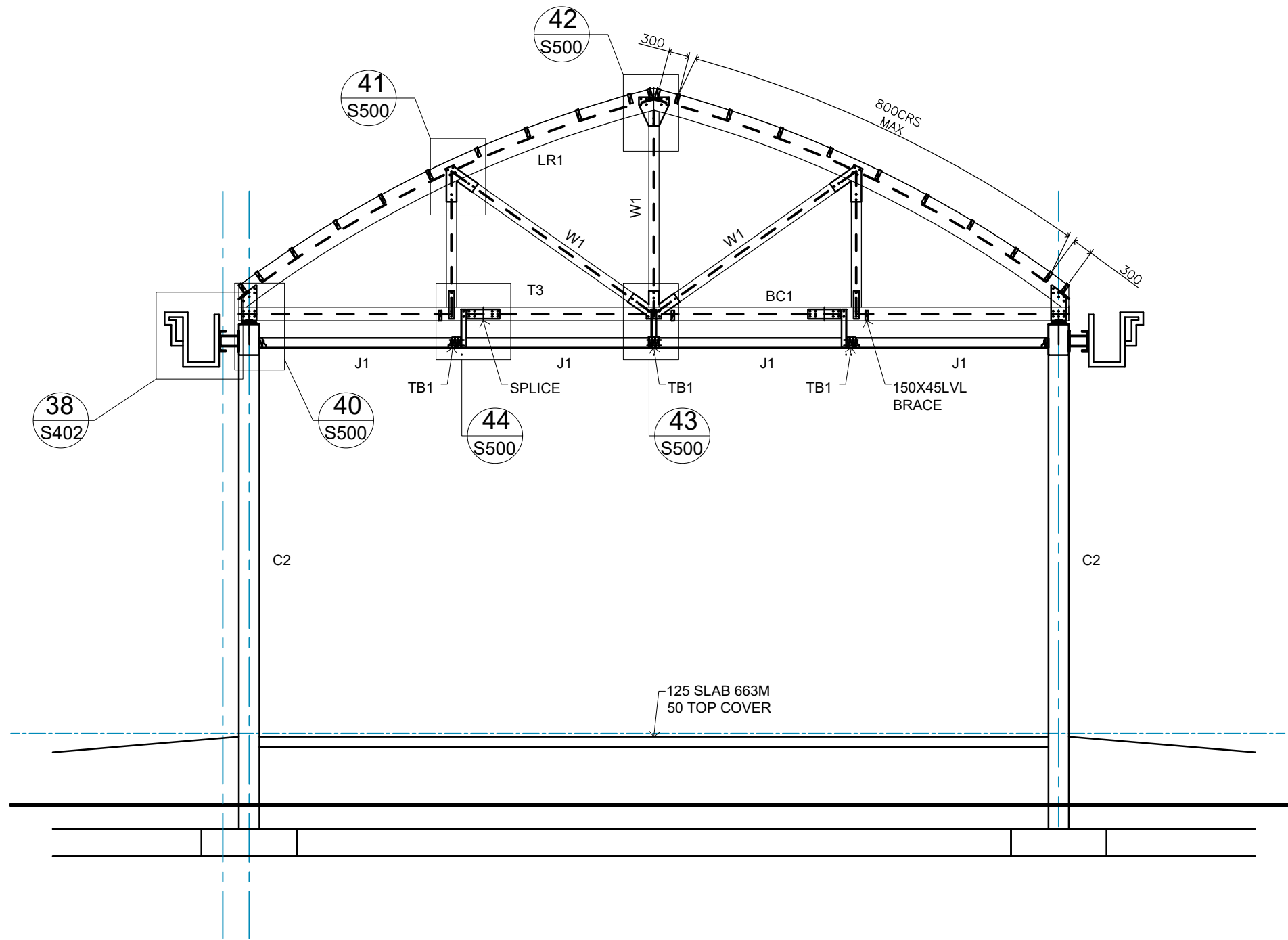
| TIMBER FRAMING SCHEDULE | | | |
|-------------------------|-------------|-----------------------|---------------|
| MARK | SIZE | SPACING | COMMENT |
| J1 | 140X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J2 | 190X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J3 | 240X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J4 | 240X45 H3.2 | 400MM MAXIMUM CENTRES | CEILING JOIST |
| | | | |
| | | | |

| STEEL FRAMING SCHEDULE | | |
|------------------------|--------------------|---------------------|
| MARK | SIZE | COMMENT |
| TC1 | 250UB37 G300 | TOP CHORD |
| TB1 | 200UB25 G300 | TIE CHORD |
| BC1 | 200UB25 G300 | BOTTOM CHORD |
| W1 | 100X100X6 G350 | WEB |
| W2 | 75X75X6 G350 | WEB |
| CB1 | 180UB18 G300 | CEILING BEAM |
| CB2 | 200UB25 G300 | CEILING BEAM |
| S1 | 100X100X5 G350 | BRACE |
| S2 | 200UB25 G300 | BRACE |
| F | 75X75X6 G300 | FLY BRACE |
| H1 | 100X100X6 SHS G350 | CEILING BEAM HANGER |

Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | |
|--|--|---------------------------------------|-------------------------------|--|----------------------|--------------------|-------------|---------------------|---------|----------------|----------|
|  PROJECT MANAGERS & ENGINEERS | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: SECTION | | Scale (A1): XX | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | Scale (A3): 1:120 | 0 | 100% DESIGN | - | KL | | 02.02.24 |
| | | | | | | No. | Revision: | Drawn | Checked | | Date |
| | | | | | | Job No. 2022005 | | Drawing No. S203 | | Revision: 0 | |

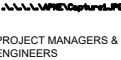
- NOTES:
- 1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 - 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 - 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 - 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 - 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.



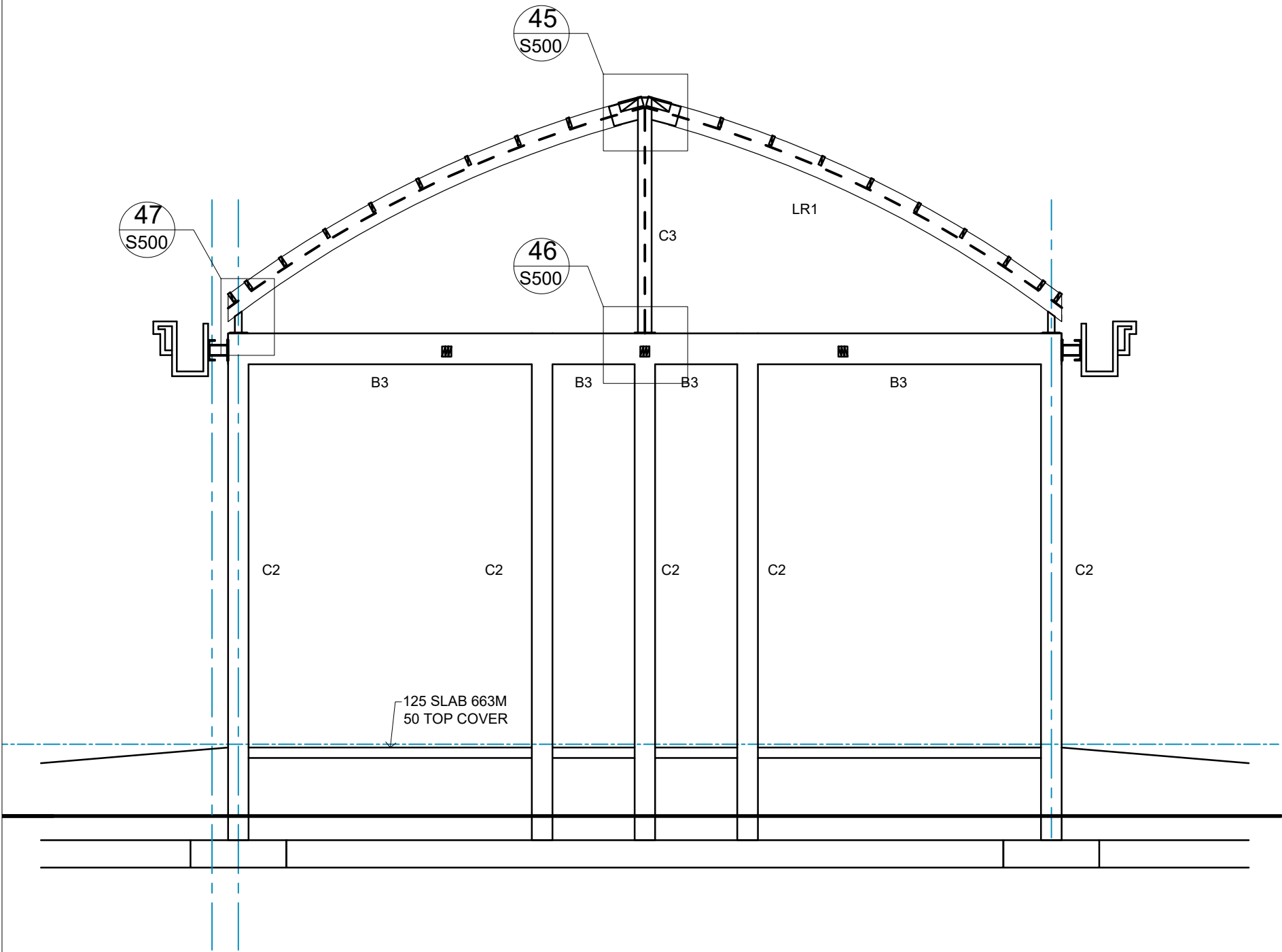
A - S105

| TIMBER FRAMING SCHEDULE | | | |
|-------------------------|-------------------|-----------------------|--------------------|
| MARK | SIZE | SPACING | COMMENT |
| J1 | 140X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J2 | 190X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J3 | 240X45 H3.2 | 600MM MAXIMUM CENTRES | CEILING JOIST |
| J4 | 240X45 H3.2 | 400MM MAXIMUM CENTRES | CEILING JOIST |
| TB1 | 3-150X45 H3.2 LVL | | CEILING BEAM |
| TC1 | 315X90 H3.2 GL8 | | TRUSS TOP CHORD |
| BC1 | 2-150X45 H3.2 LVL | | TRUSS BOTTOM CHORD |
| W1 | 2-150X45 H3.2 LVL | | TRUSS WEB |
| | | | |

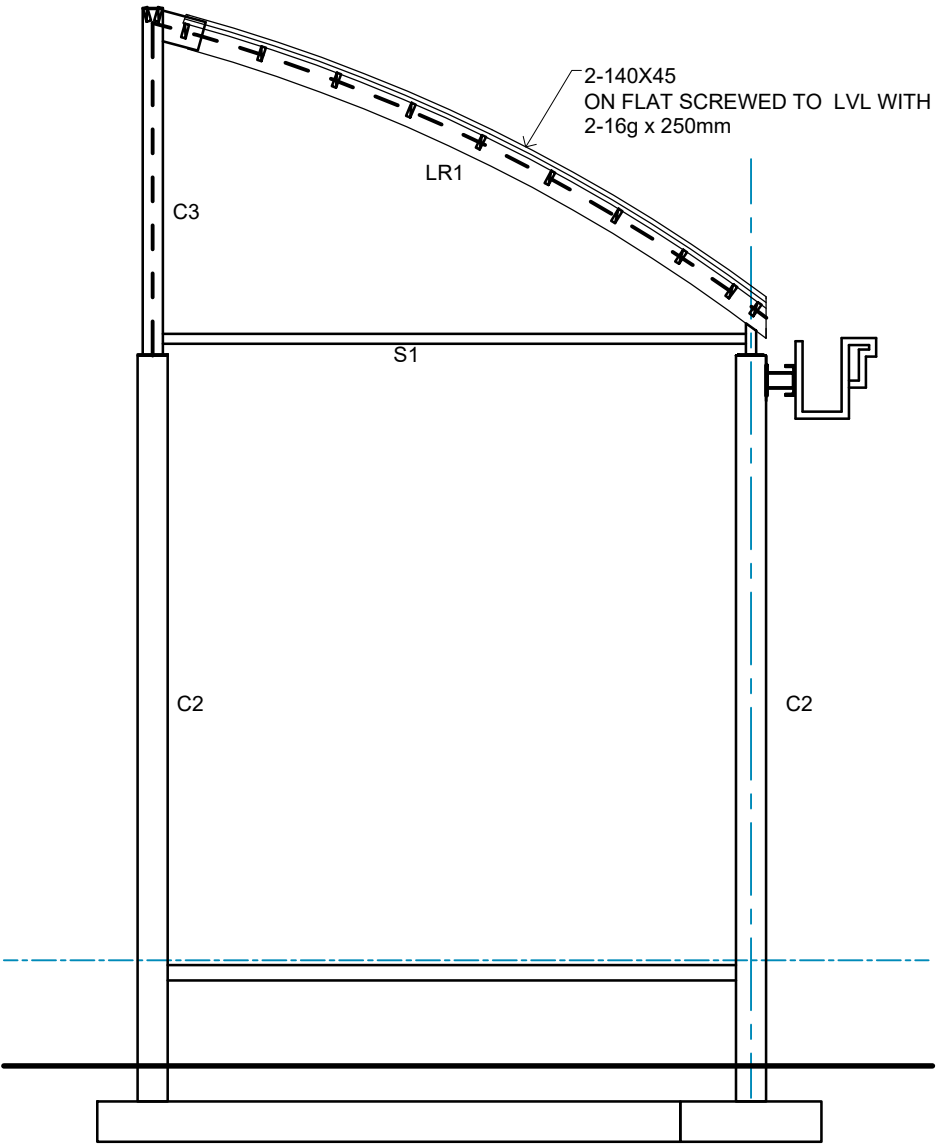
Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | |
|---|-----------------------------|-----------------------|----------------|-------------|---------|-----------|-------|---------|------|---|
|  | Client: | Project: | Drawing Title: | Scale (A1): | | | | | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOLOGA | SECTION | XX | | | | | | |
| | | | | Scale (A3): | No. | Revision: | Drawn | Checked | Date | |
| | | | | 1:75 | 2022005 | | S204 | | | 0 |

- NOTES:
- 1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 - 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 - 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 - 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 - 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.




B - S105

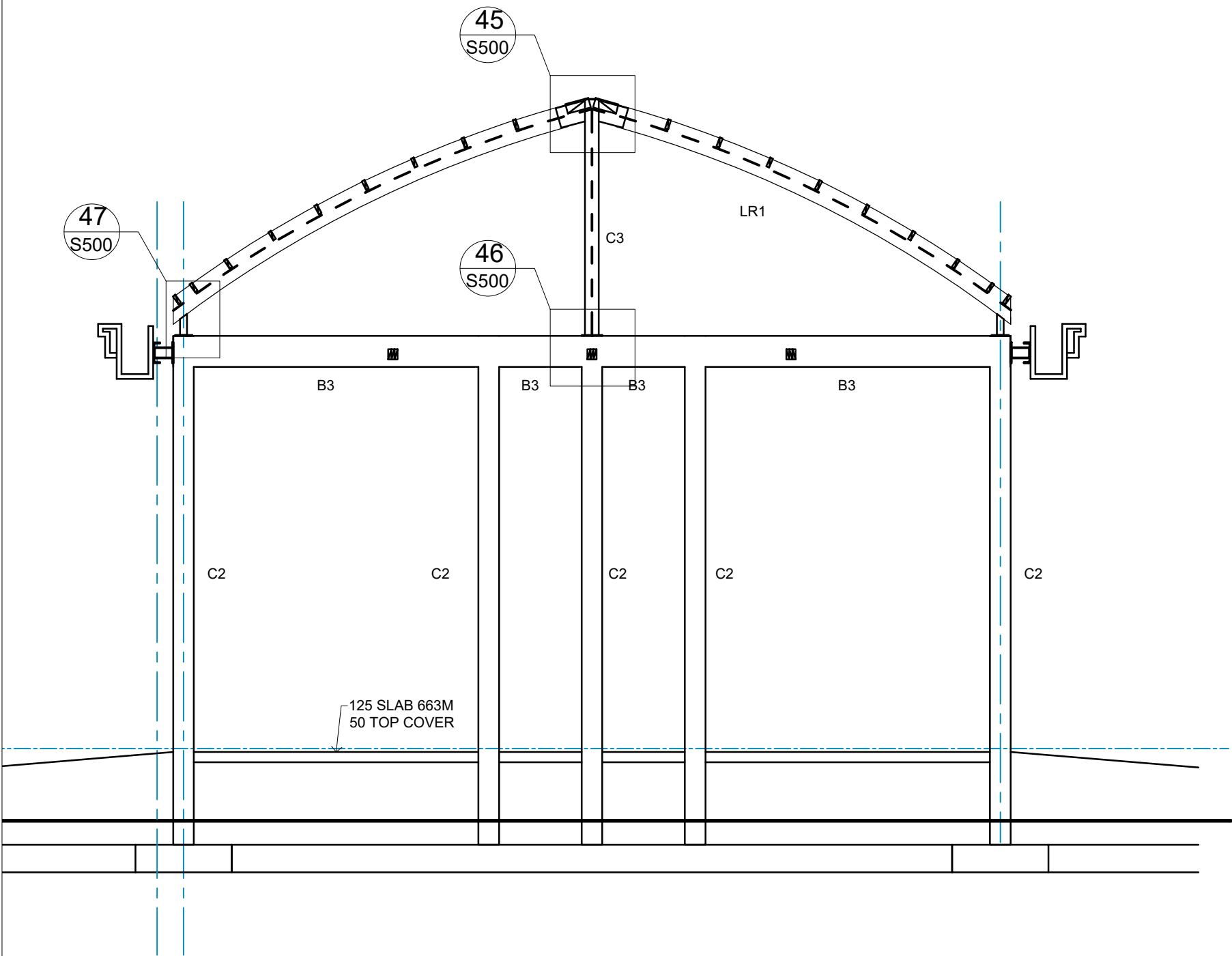


C - S105

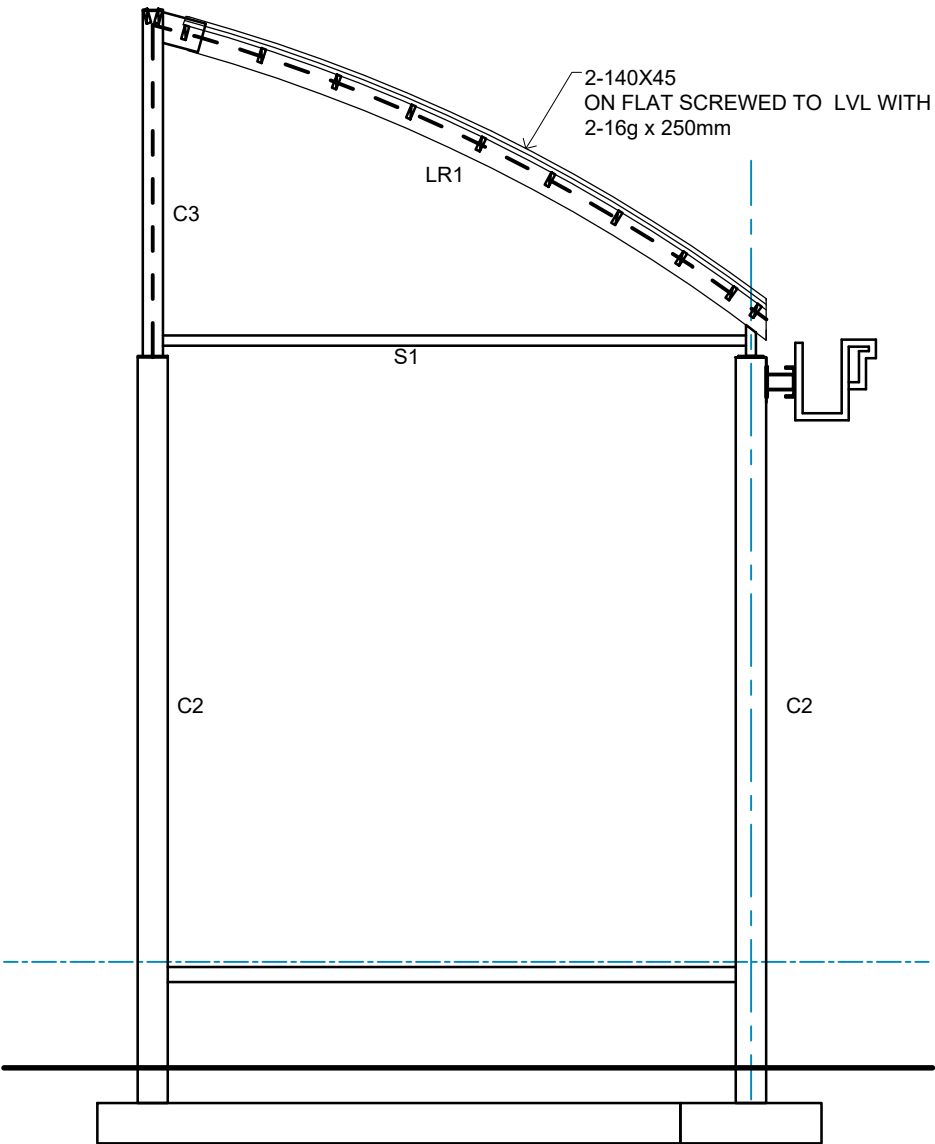
Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | | | | | |
|--|--|---------------------------------------|-------------------------------|--|-------------------|---------------------|--|-----------|--|---------------------|--|---------|--|----------------|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: SECTION | | Scale (A1): XX | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | Scale (A3): 1:75 | | | | | | | | | |
| | | | | | | No. | | Revision: | | Drawn | | Checked | | Date | |
| | | | | | | Job No. 2022005 | | | | Drawing No. S205 | | | | Revision: 0 | |

- NOTES:
- 1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 - 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 - 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 - 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 - 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.




B - S105

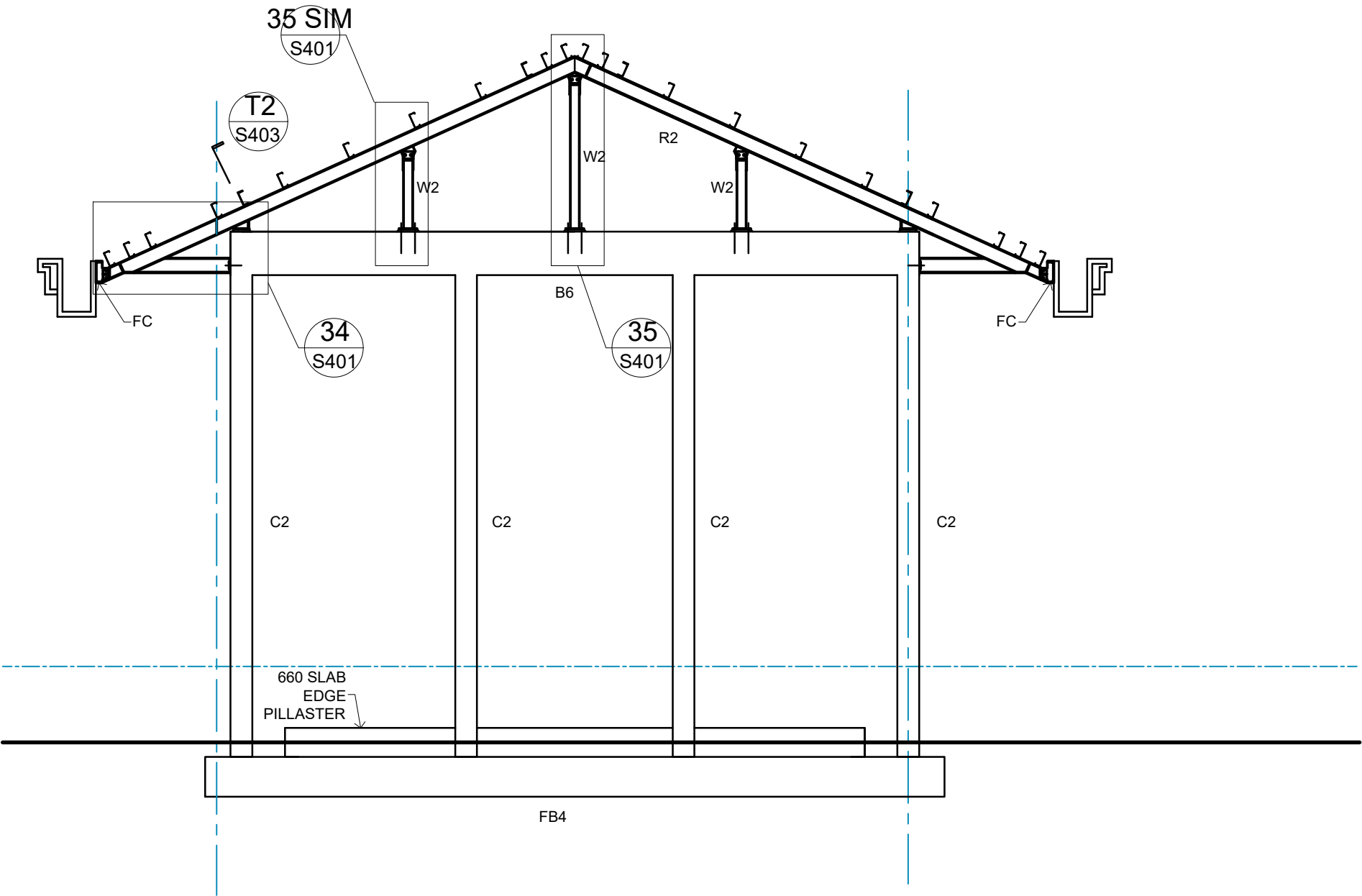


C - S105


Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | |
|---|--|---------------------------------------|-------------------------------|--|-------------------|---------|-------------|-------------|-------|-----------|----------|
|  | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: SECTION | | Scale (A1): XX | | | | | | |
| | | | | | | 0 | 100% DESIGN | - | KL | | 02.02.24 |
| | | | | | | No. | | Revision: | Drawn | Checked | Date |
| | | | | | | Job No. | | Drawing No. | | Revision: | |
| | | | | | 1:75 | 2022005 | | S206 | | 0 | |

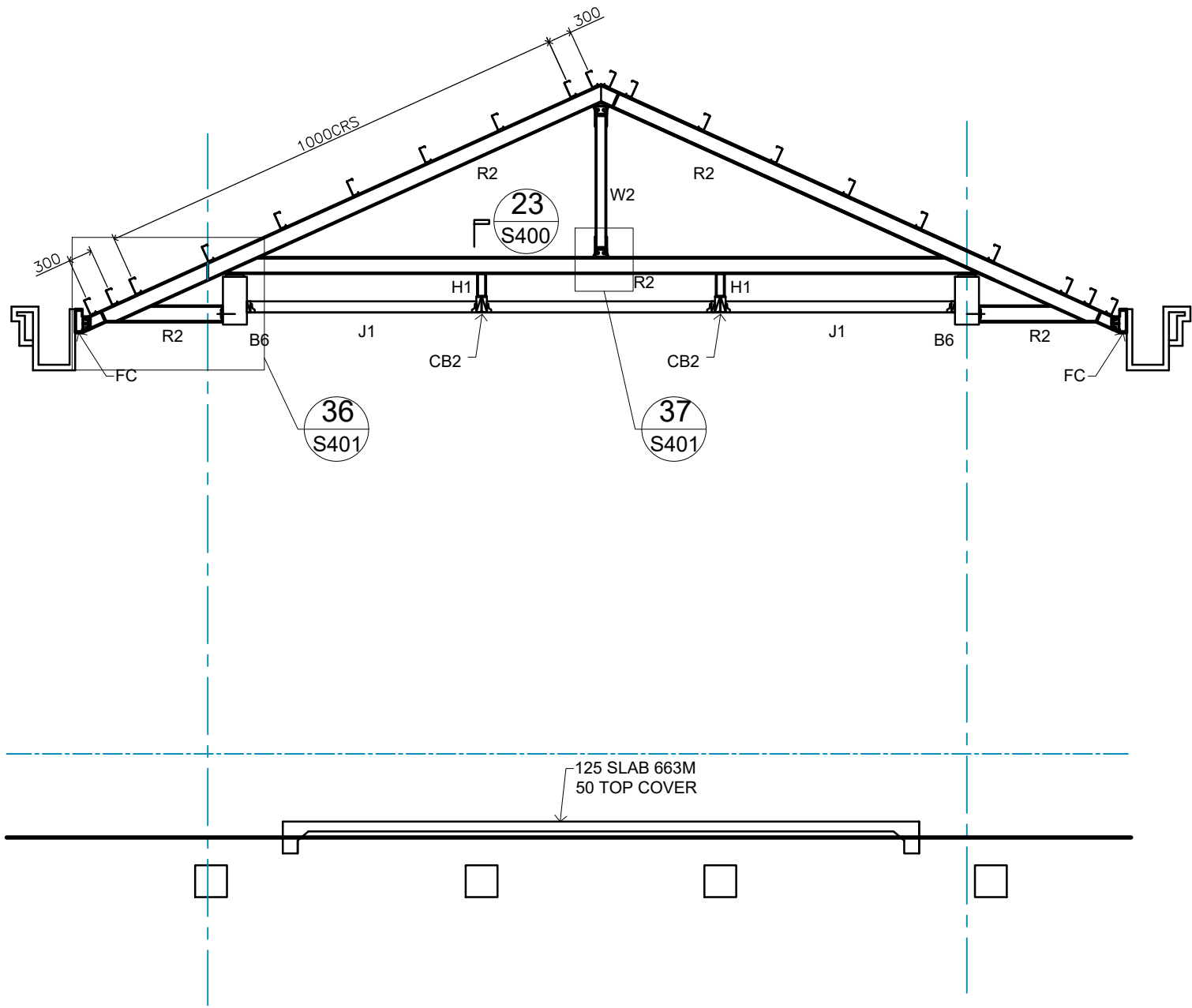
- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.




Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | |
|--|-----------------------------|-----------------------|----------------|-------------------|-------------|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: | Project: | Drawing Title: | Scale (A1): XX | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOLOGA | SECTION | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | 0 | 100% DESIGN | - | KL | 02.02.24 | |
| | Scale (A3): 1:75 | | | | | |
| | No. 2022005 | Revision: S207 | Drawn | Checked | Date | |
| | | | | | Revision: 0 | |

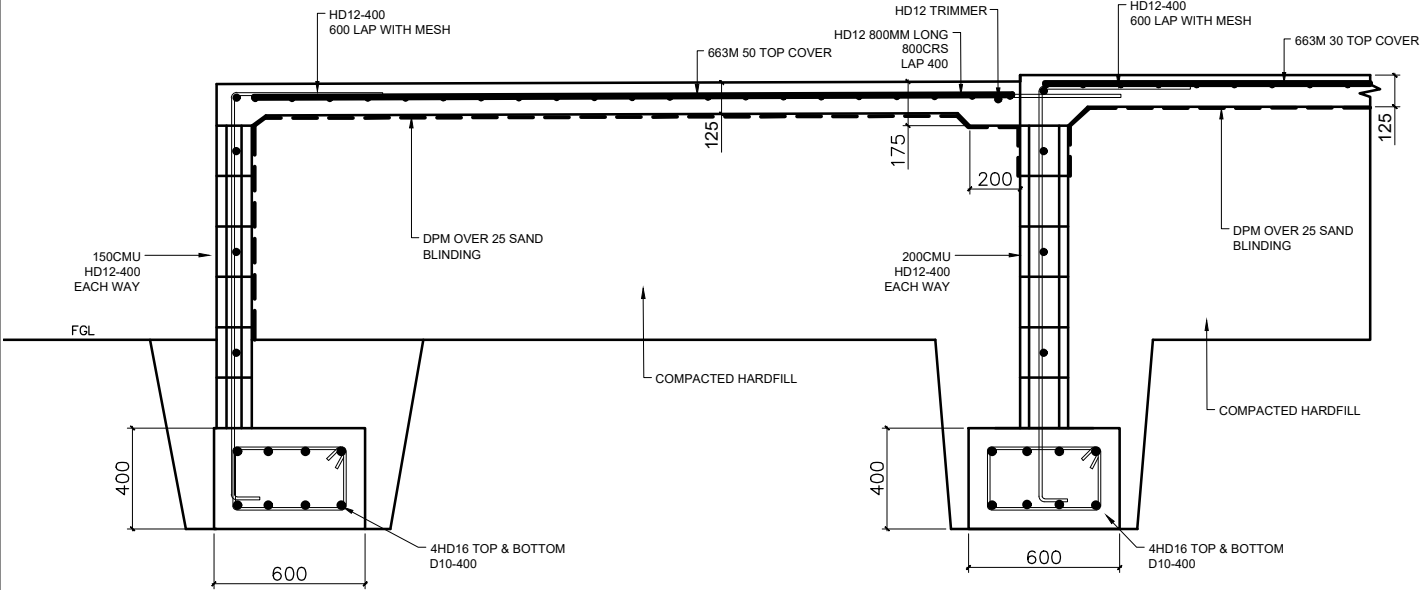
- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.



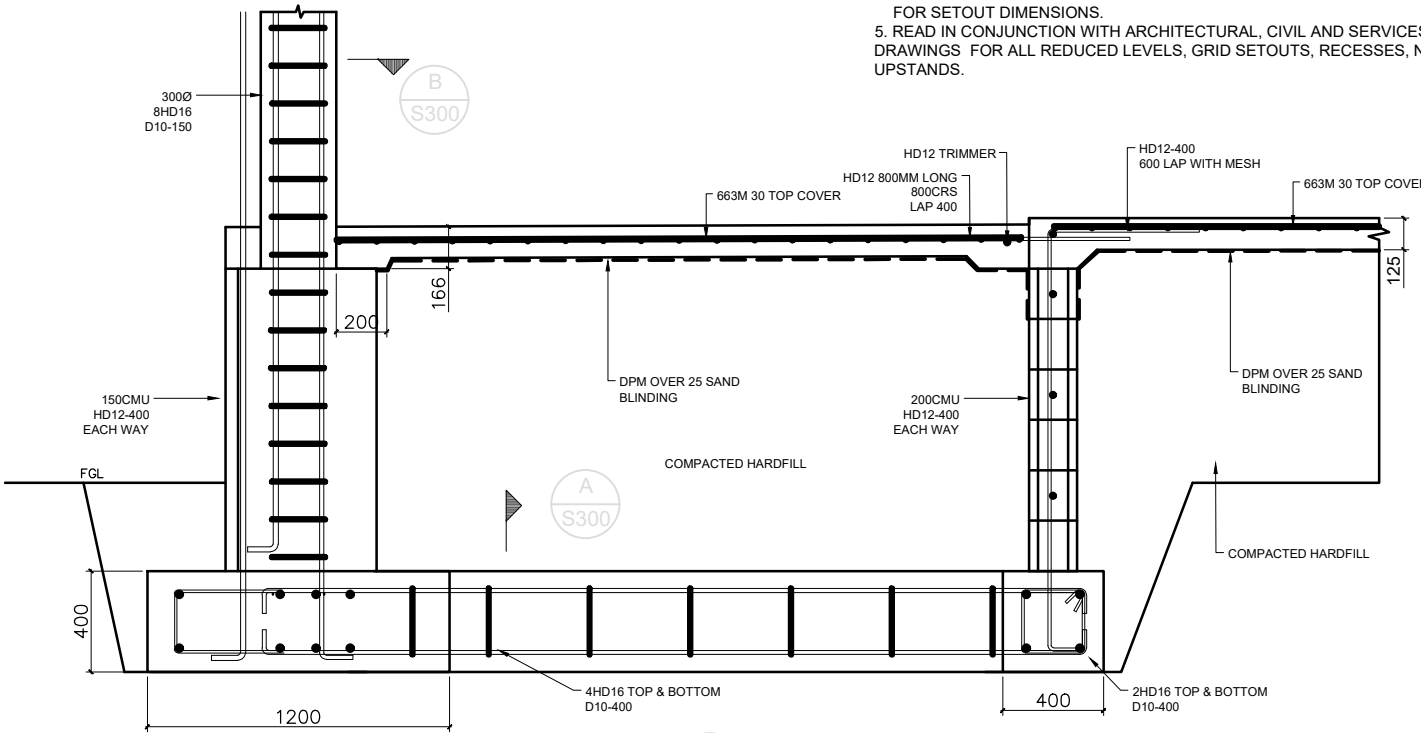
Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|----------|----------------|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: | Project: | Drawing Title: | | Scale (A1): XX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|----------|----------------|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

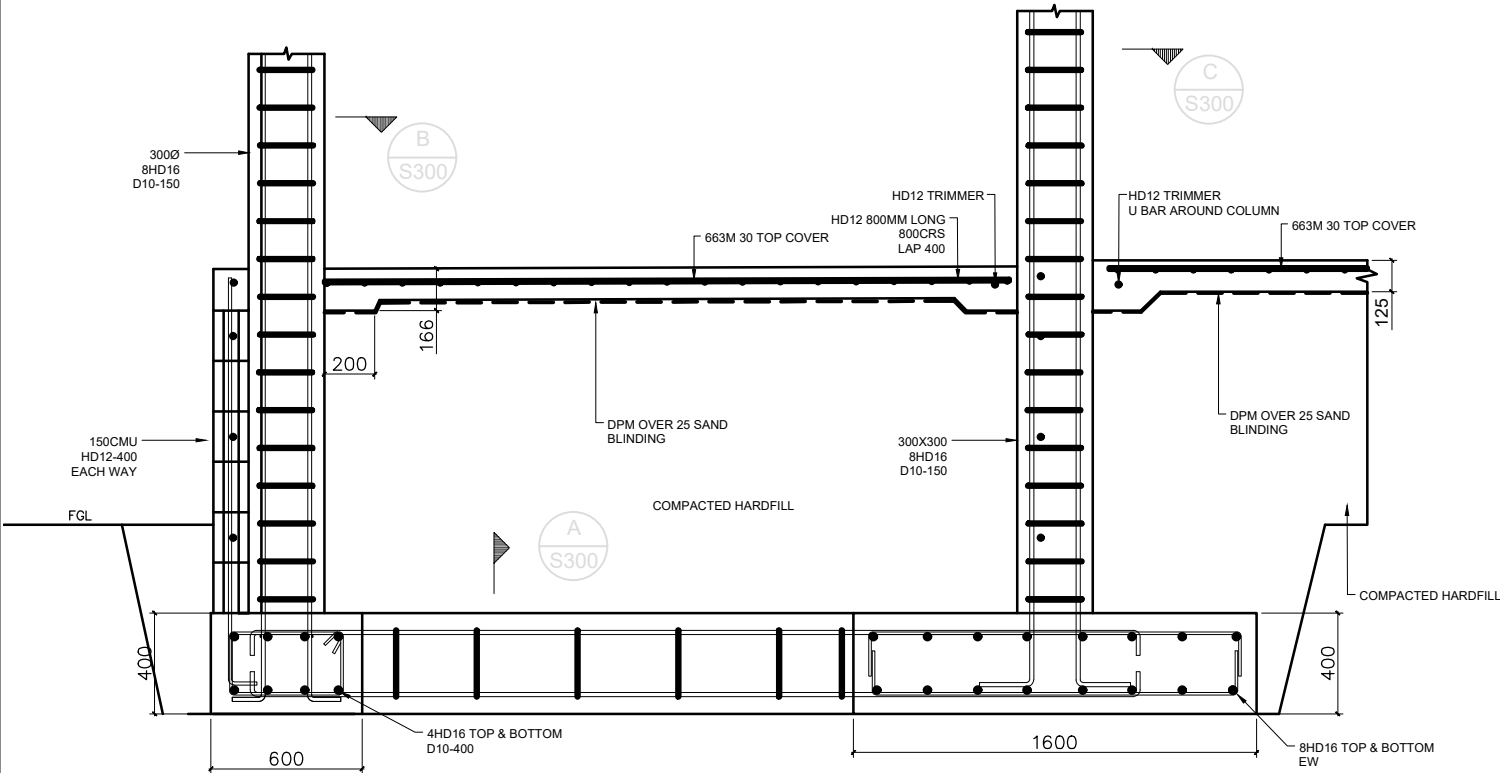
- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.



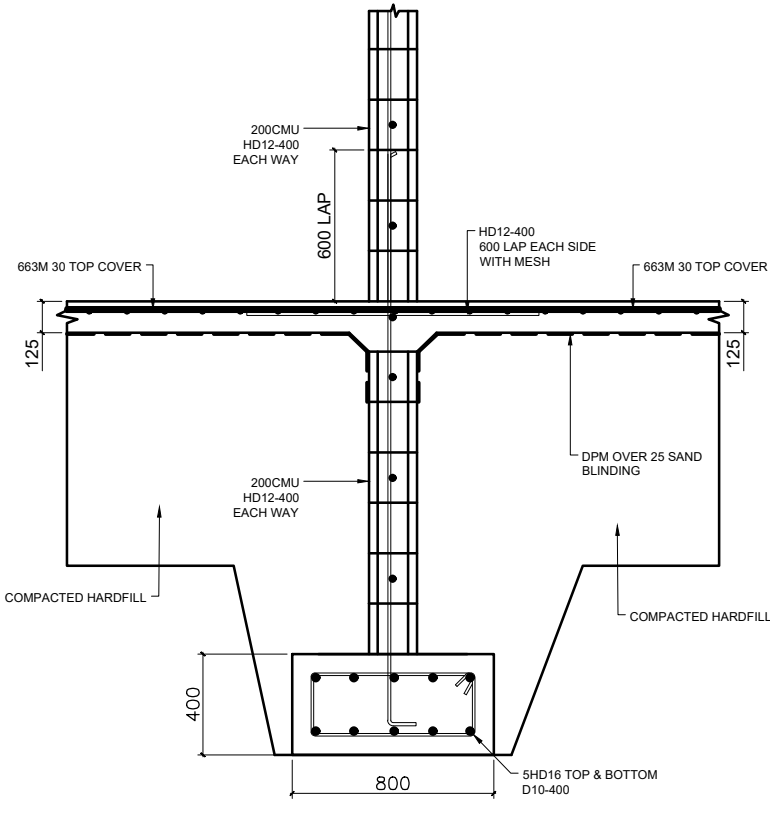
1
S100



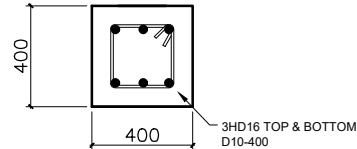
2
S100



3
S100



4
S100



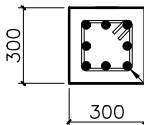
A
S300

300



B
S300

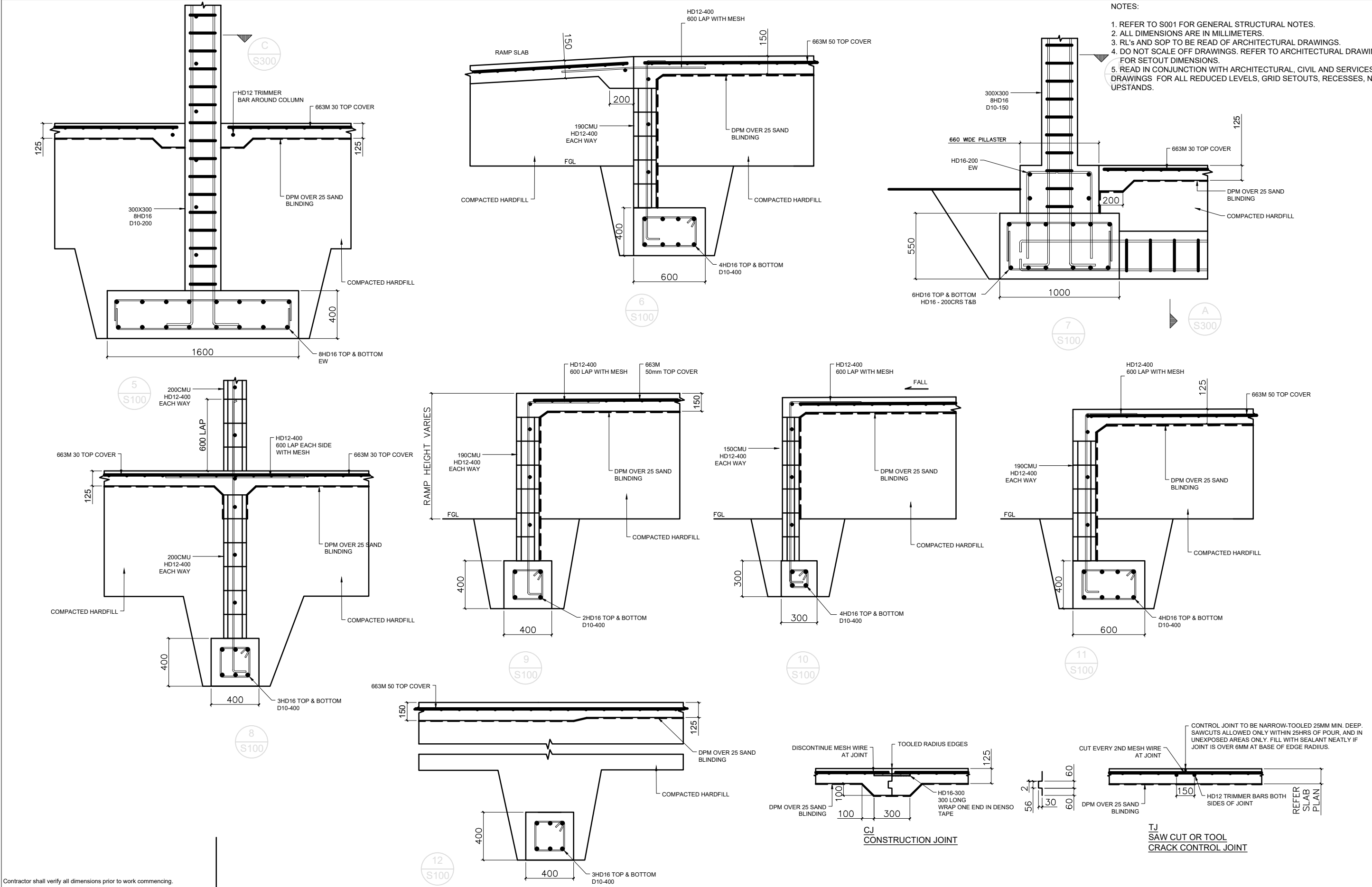
8HD16 D10-150



C
S300


Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | |
|--|-----------------------------|-----------------------|------------------|---------|--------------------|------|-------------|---|----|--|----------|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: | Project: | Drawing Title: | | Scale (A1): XX | | | | | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOLOGA | CONCRETE DETAILS | | Scale (A3): NTS | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | 0 | 100% DESIGN | - | KL | | 02.02.24 |
| | No. | Revision: | Drawn | Checked | | Date | | | | | |
| | Job No. | | Drawing No. | | Revision: | | | | | | |
| | 2022003 | | S300 | | 0 | | | | | | |

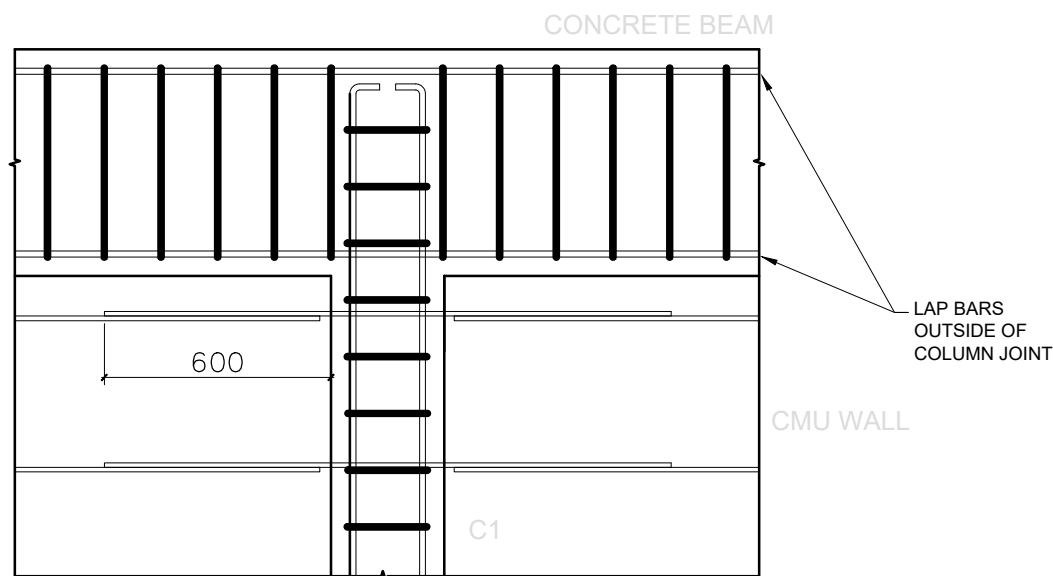
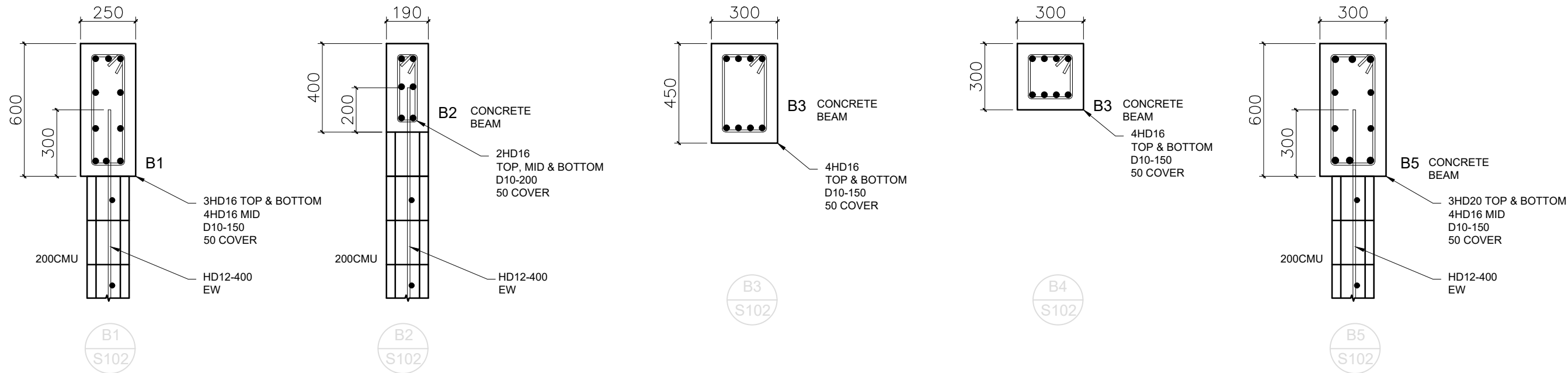


- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

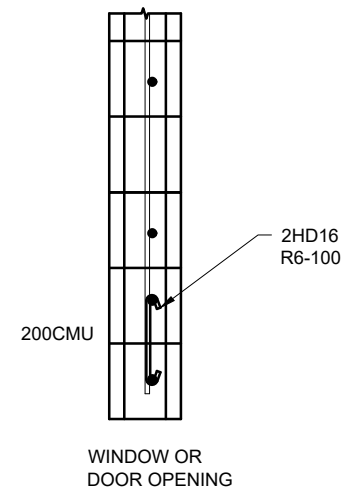
Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | |
|---|-----------------------------|----------------------|------------------|-------------|---------|-----------|-------|----------------|
|  | Client: | Project: | Drawing Title: | Scale (A1): | | | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOOGA | CONCRETE DETAILS | XX | | | | |
| | | | | NTS | No. | Revision: | Drawn | Checked |
| | | | | | 2022003 | | S301 | Revision: 0 |

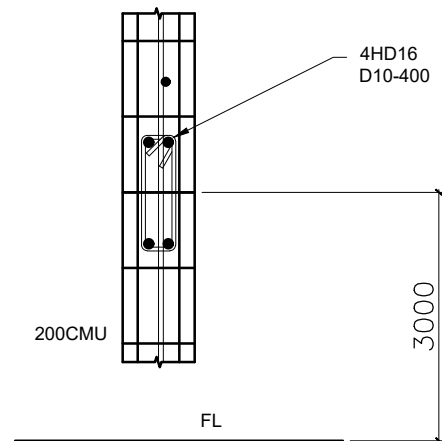
- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.



TYPICAL BEAM COLUMN WALL JOINT




TYPICAL CMU WALL LINTEL



TYPICAL CMU WALL MID HEIGHT BOND BEAM

Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | | | | |
|--|--|---------------------------------------|--|--|-------------------|---------|-------------|-------|---------|--|-----------|----------|
| <div></div> <div>PROJECT MANAGERS & ENGINEERS</div> | Client: GOVERNMENT OF SAMOA MJCA | Project: COURTHOUSE SALELOLOGA | Drawing Title: CONCRETE DETAILS | | Scale (A1): XX | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | 0 | 100% DESIGN | - | KL | | | 02.02.24 |
| | | | | | | No. | Revision: | Drawn | Checked | | | Date |
| | | | | | | Job No. | Drawing No. | | | | Revision: | |
| | | | | | | 2022003 | S303 | | | | 0 | |

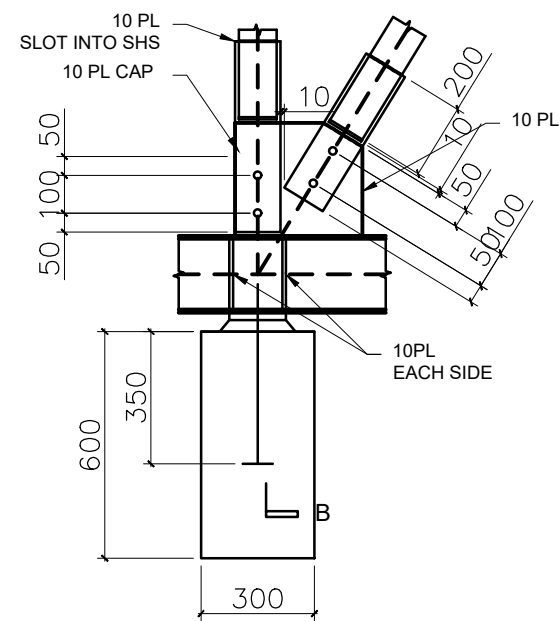


Diagram illustrating the elevation view of the SHS connection detail. Key dimensions and components are labeled:

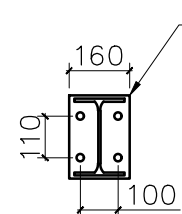
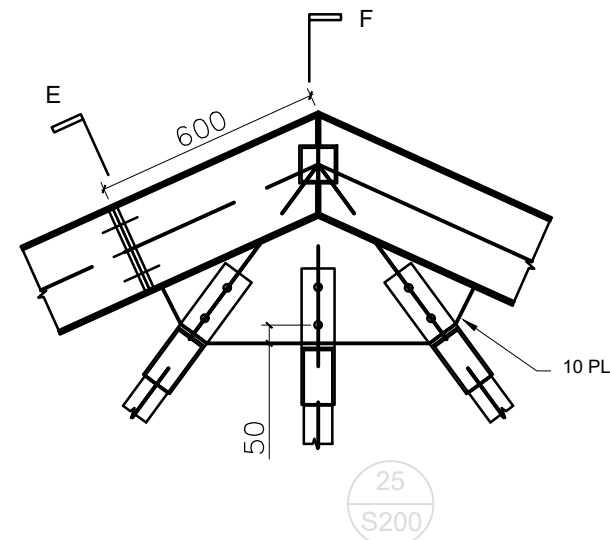
- MINIMUM 50 (Vertical dimension on the left)
- 100 (Vertical dimension on the left)
- MINIMUM 50 (Vertical dimension on the left)
- 120 (Horizontal dimension at the top)
- 10 PL SLOT INTO SHS (Label pointing to the top plate)
- 200 (Vertical dimension on the right)
- 10 PL CAP (Label pointing to the top plate)
- 10 (Vertical dimension on the right)
- UB FLANGE (Label pointing to the bottom flange)
- 2-M20/8.8 (Label pointing to the bolts)
- 10 (Horizontal dimension at the bottom)

Technical drawing of a column base plate showing dimensions and components:

- MINIMUM 50 (vertical dimension on the left)
- 100 (vertical dimension on the left)
- MINIMUM 50 (vertical dimension on the left)
- 100 (horizontal dimension at the top)
- 10 PL SLOT INTO SHS (label pointing to the top plate)
- 200 (vertical dimension on the right)
- 10 PL CAP (label pointing to the middle plate)
- 10 (vertical dimension on the right)
- UB FLANGE (label pointing to the base plate)
- 2-M20/8.8 (label pointing to the bolts)
- 10 (vertical dimension at the bottom)

TRUSS WEB W2

1. 10mm PLATE CLEATS FOR TRUSS WEB CONNECTIONS
2. 6FWAR WELDS U.O.N



10 PL
WELD TO SHS
4-M20/8.8

160

270x160x10 PL
WELD TO UB
6-M20/8.8

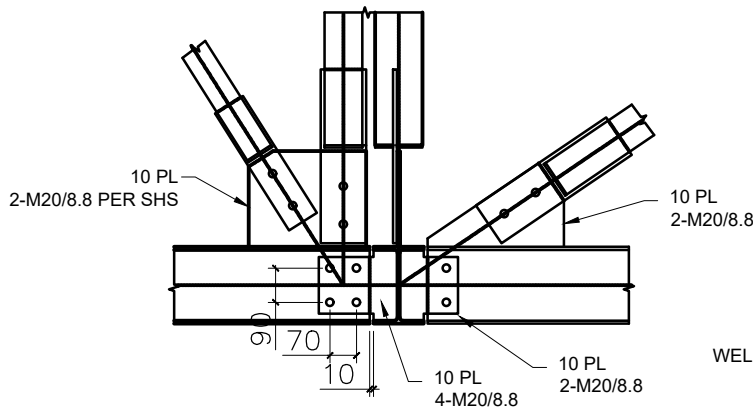
70
70
100

This elevation view shows the base plate of the column. The plate is 270x160x10 mm PL, welded to the UB, and reinforced with 6-M20/8.8 bars. The dimensions shown are 70 mm for the width of the plate and 100 mm for the height of the plate.

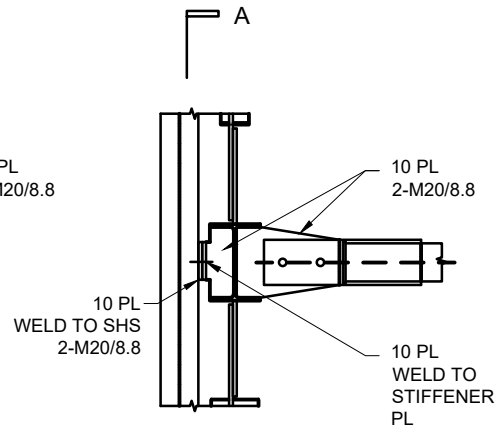
SECTION E

[illegible]

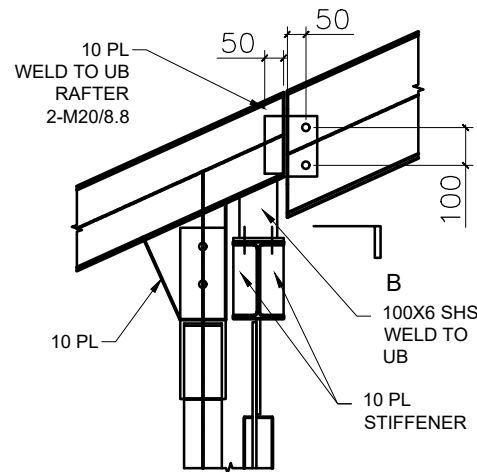
- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.



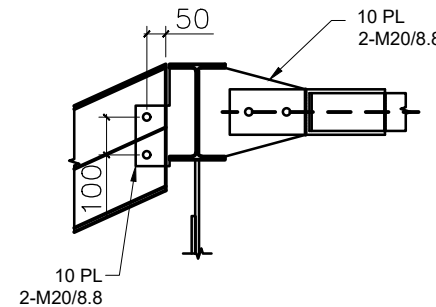
26
S203



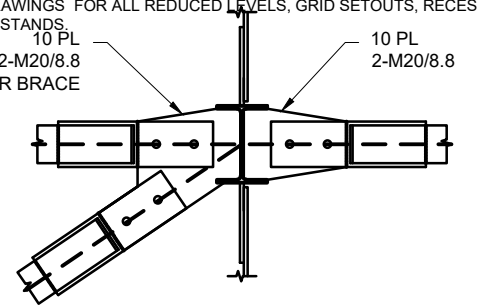
27
S203



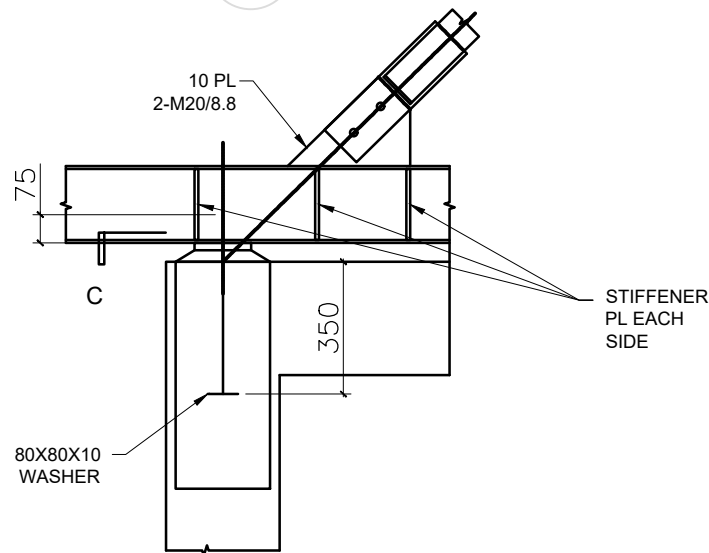
28
S203



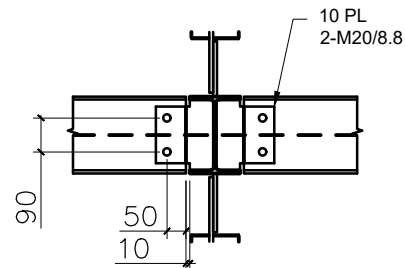
29
S203



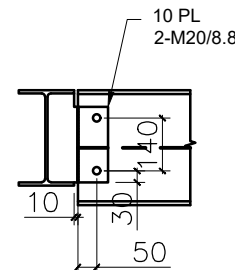
30
S203



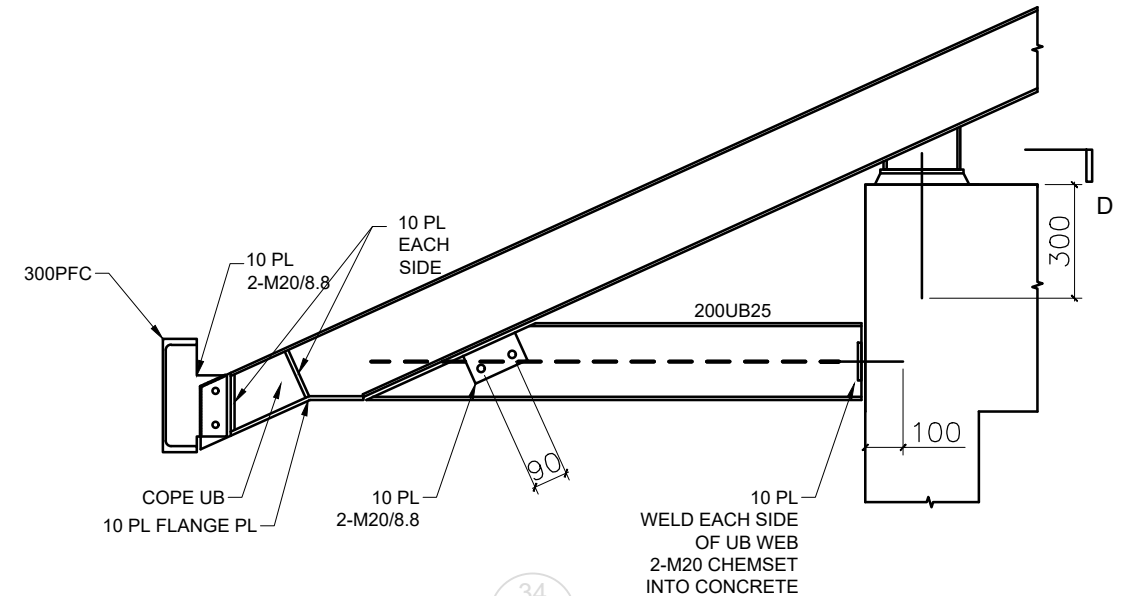
31
S203



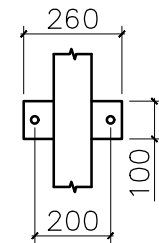
32
S203



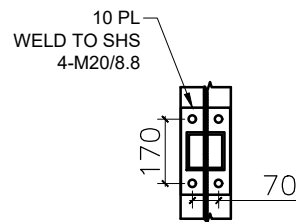
33
S105



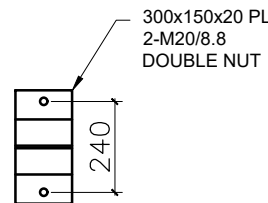
34
S207



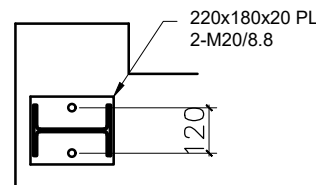
SECTION A



SECTION B



SECTION C



SECTION D

Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

PROJECT MANAGERS & ENGINEERS

Client:

GOVERNMENT OF SAMOA
MJCA

Project:

COURTHOUSE SALELOLOGA

Drawing Title:

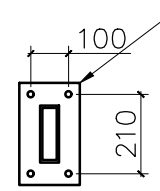
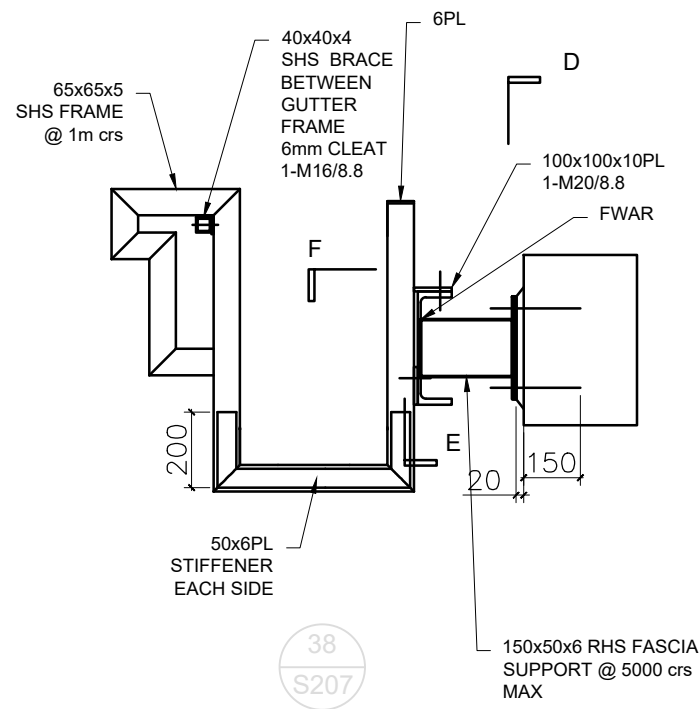
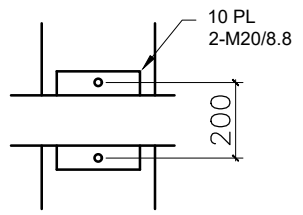
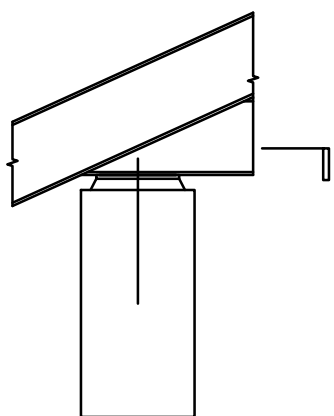
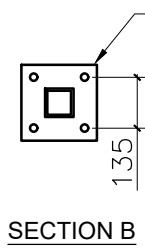
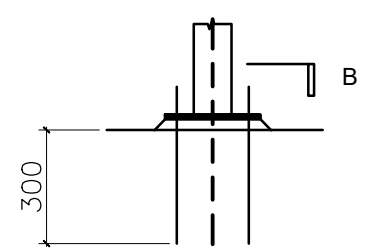
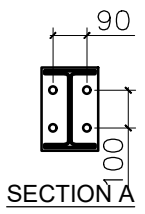
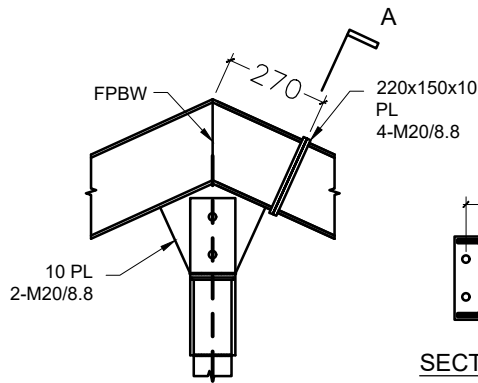
STEEL DETAILS

Scale (A1):
XX

Scale (A3):
NTS

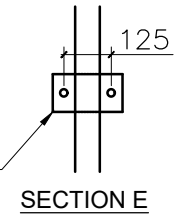
| | | | | |
|---------|-------------|-------------|---------|-----------|
| 0 | 100% DESIGN | - | KL | 02.02.24 |
| No. | Revision: | Drawn | Checked | Date |
| Job No. | 2022003 | Drawing No. | S401 | Revision: |
| | | | | 0 |

- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.

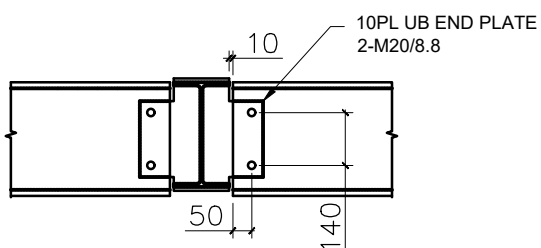
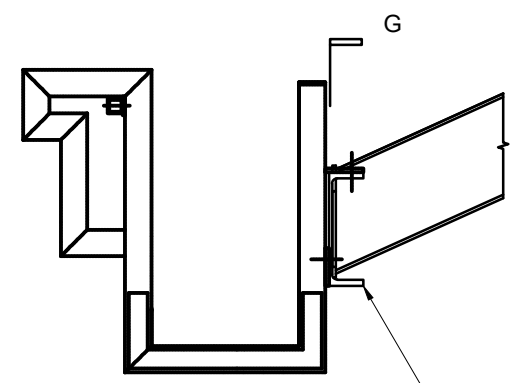
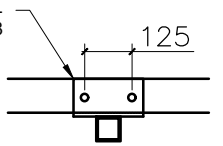


270x160x12PL
4-M20/8.8
CHEMSET 150mm INTO
CONCRETE

190x100x10PL
2-M20/8.8



190x100x10PL
2-M20/8.8



Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

PROJECT MANAGERS &
ENGINEERS

Client:

GOVERNMENT OF SAMOA
MJCA

Project:

COURTHOUSE SALELOLOGA

Drawing Title:

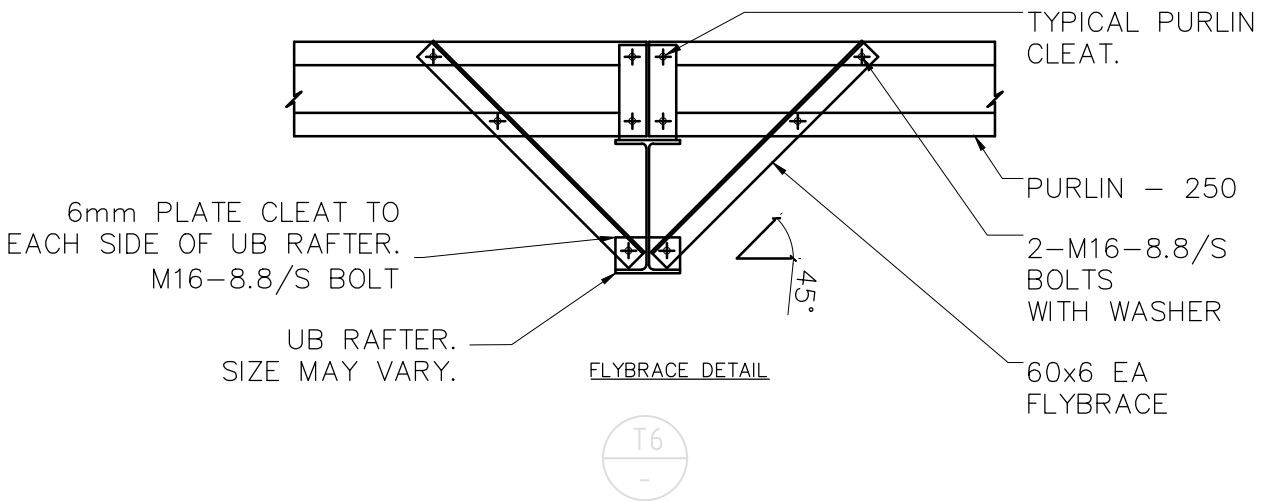
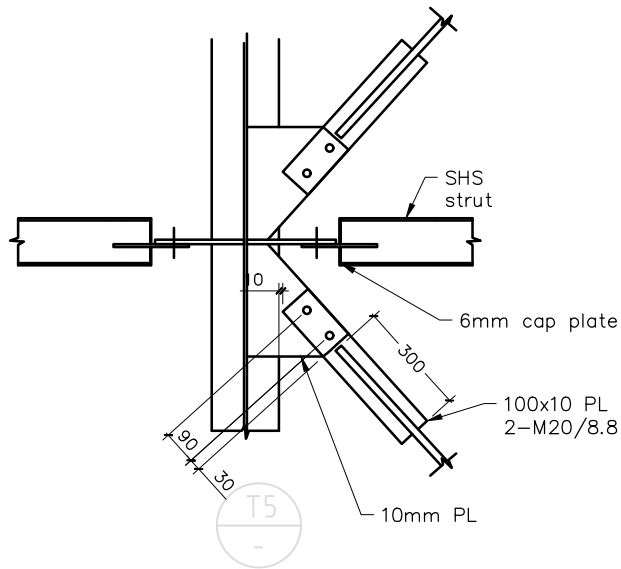
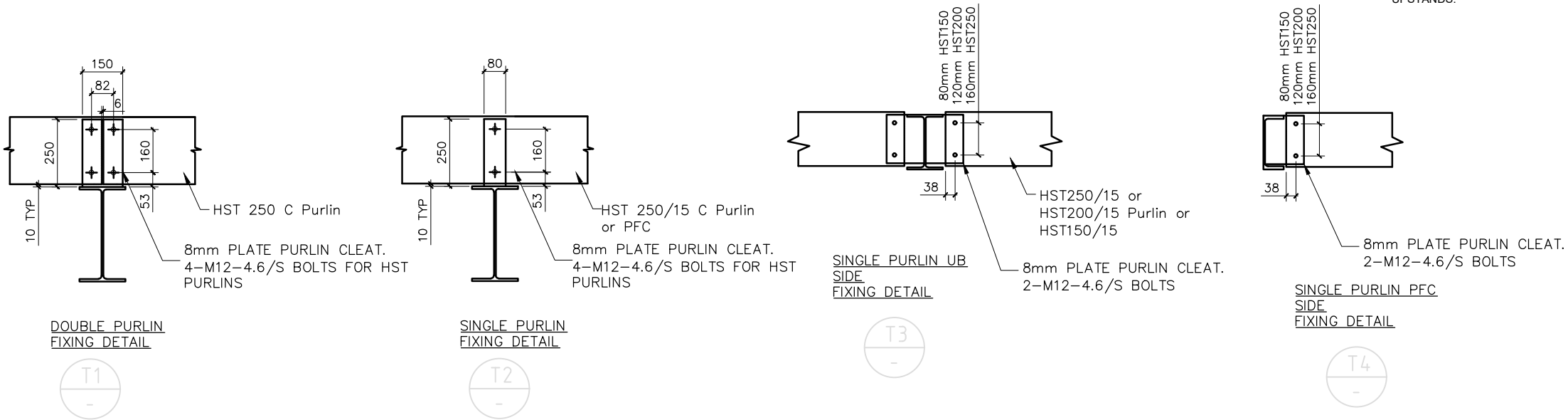
STEEL DETAILS

Scale (A1):
XX


Scale (A3):
NTS

| No. | Revision: | Drawn | Checked | Date |
|---------|-------------|-------------|---------|-----------|
| 0 | 100% DESIGN | - | KL | 02.02.24 |
| Job No. | 2022003 | Drawing No. | S402 | Revision: |
| | | | | 0 |

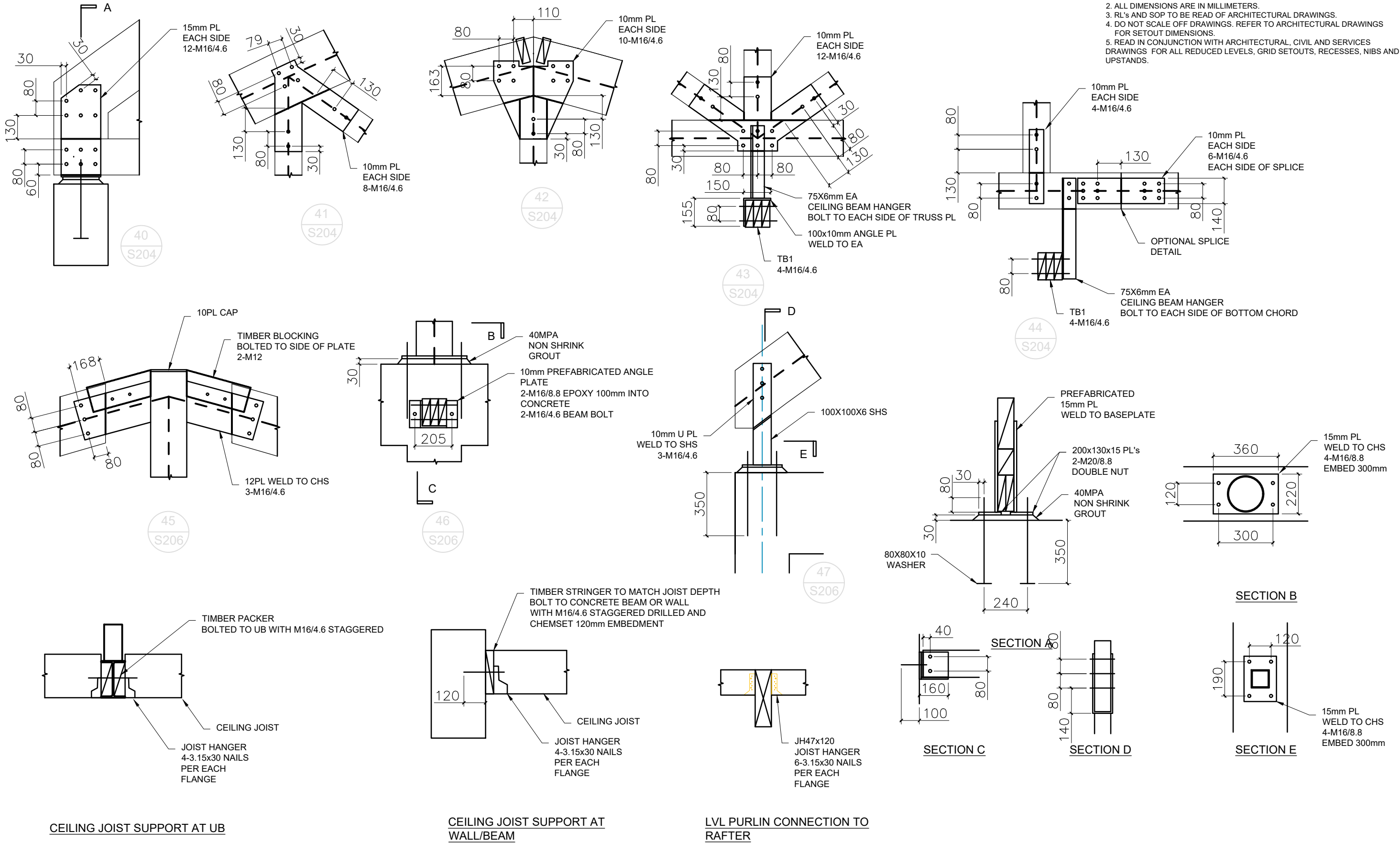
- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.




Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.







| | | | | | | | | | |
|---|-----------------------------|-----------------------|----------------|-------------|---------|-----------|-------|---------|----------|
|  | Client: | Project: | Drawing Title: | Scale (A1): | | | | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOLOGA | STEEL DETAILS | XX | | | | | |
| | | | | Scale (A3): | No. | Revision: | Drawn | Checked | Date |
| | | | | NTS | 2022003 | | S403 | | 02.02.24 |


- NOTES:
1. REFER TO S001 FOR GENERAL STRUCTURAL NOTES.
 2. ALL DIMENSIONS ARE IN MILLIMETERS.
 3. RL's AND SOP TO BE READ OF ARCHITECTURAL DRAWINGS.
 4. DO NOT SCALE OFF DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT DIMENSIONS.
 5. READ IN CONJUNCTION WITH ARCHITECTURAL, CIVIL AND SERVICES DRAWINGS FOR ALL REDUCED LEVELS, GRID SETOUTS, RECESSES, NIBS AND UPSTANDS.



Contractor shall verify all dimensions prior to work commencing.
This drawing shall be read in conjunction with all relevant documents.

| | | | | | | | | | |
|---|-----------------------------|-----------------------|------------------------|-------------|-------------|---------|-----------|-------------|---------|
|  | Client: | Project: | Drawing Title: | Scale (A1): | | | | | |
| | GOVERNMENT OF SAMOA MJCA | COURTHOUSE SALELOLOGA | STEEL & TIMBER DETAILS | XX | | | | | |
| | | | | | Scale (A3): | No. | Revision: | Drawn | Checked |
| | | | | | NTS | Job No. | 2022003 | Drawing No. | S500 |
| | | | | | | | | Revision: | 0 |

| DATA AND TELECOMMUNICATIONS | |
|---|--|
| SYMBOL | DESCRIPTION |
|  | RACK UNIT TO HOUSE DATA, TELECOMMUNICATION, ACCESS CONTROL AND CCTV EQUIPMENT |
|  | MULTIMEDIA OUTLET C/W VGA/MINI AUDIO JACK HDMI/USB, SINGLE RJ45 DATA MODULES AND ASSOCIATED ACCESSORIES. CLIPSAL EPIC OR EQUAL APPROVED |
|  IDF | TELECOMMUNICATION 200 PAIR MAIN DISTRIBUTION FRAME |
|  MDF | TELECOMMUNICATION 100 PAIR INTERMEDIATE DISTRIBUTION FRAME |
|  | SINGLE OUTLET FOR RJ45 CONNECTION. CLIPSAL OR EQUAL APPROVED DT - DUAL OUTLET FOR DATA AND TELECOM 2 - DUAL RJ45 OUTLET T - SINGLE TELECOM OUTLET D - SINGLE DATA OUTLET |
| PRJ | SINGLE 10A SWITCHED SOCKET OUTLET FOR PROJECTORS. MOUNTED ON CEILING IN CLOSE PROXIMITY TO EQUIPMENT REFER TO ELECTRICAL DRAWING E04 FOR POWER OUTLET ON CEILING |
|  | TP - LINK - AX3600 Wireless Dual Band Multi-Gigabit Ceiling Mount Access Point |

| CLOSED CIRCUIT TELEVISION (CCTV) | |
|--|---|
| SYMBOL | DESCRIPTION |
|  F-CM | 8 MEGA PIXEL, POWER OVER ETHERNET, FIXED LENS DIGITAL DAY/LIGHT IP DOME CAMERA C/W MOTION DETECTION AND FACE RECOGNITION CEILING MOUNTED UNO. RATED TO IP67 & IK10. DAHUA (DH-IPC-HDBW2831E-S-S2OR)EQUAL APPROVED C - CEILING MOUNTED C/W CEILING MOUNT BRACKETS AND SUPPORTS WP - WEATHER PROOF W - WALL MOUNTED C/W WALL MOUNT BRACKETS AND SUPPORTS |

ARCHITECTURAL CONSULTANTS:



Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016

MINISTRY OF JUSTICE COURTS
AND ADMINISTRATION
" PROPOSED COURT HOUSE "
at Salelologa, Savaii

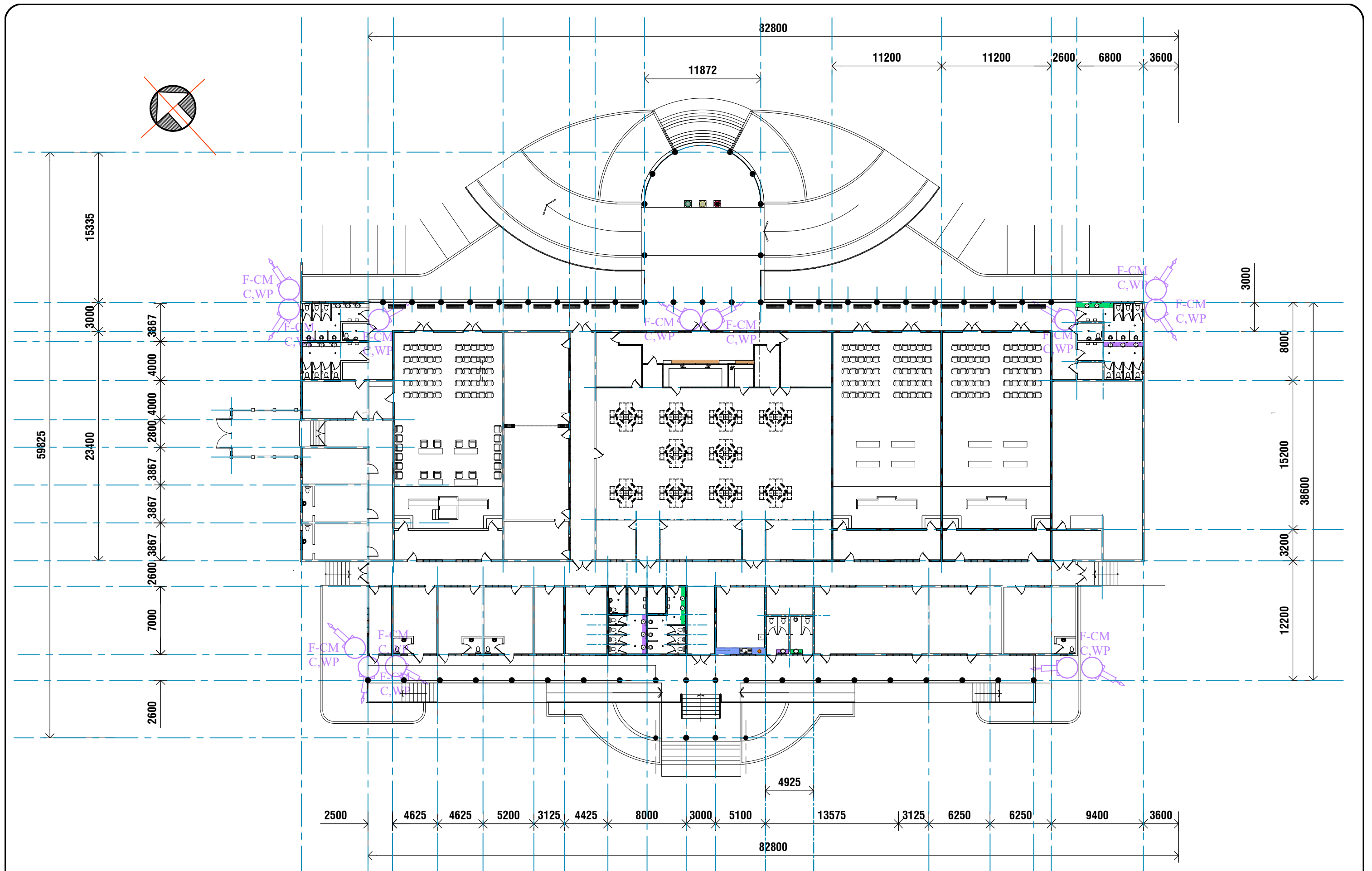


DRAWING TITLE:

LEGENDS :
TELECOM, DATA, MULIMEDIA & CCTV

| | |
|-----------|------------|
| DESIGNED: | VeS |
| DRAWN: | VeS |
| CHECKED: | V/S |
| SCALE: | 1:350 (A3) |

| | |
|---------------|-------------|
| DATE: | 02.02. 2024 |
| DATE: | 02.02. 2024 |
| PRINT ISSUED: | 02.02. 2024 |
| SHEET No: | D01 |



| | | | | |
|---|---|---|---|---|
| <p>ARCHITECTURAL CONSULTANTS:</p> <p>VES Architects & Associates</p> <p>Mobile: 7772815 / 7774141 Phone: 8423134/ Fax: (685)28124 E-mail: ves.architects@samoa.ws</p> <p>Copyright Note : All these drawings are the sole copyright of the Designers © AUG. 2016</p> | <p>MINISTRY OF JUSTICE COURTS AND ADMINISTRATION</p> <p>" PROPOSED COURT HOUSE "</p> <p>at Salelologa, Savaii</p> | <p>DRAWING TITLE:</p> <p>CCTV LAYOUT SITE PLAN</p> | <p>DESIGNED: VeS</p> <p>DRAWN: VeS</p> <p>CHECKED: V/S</p> <p>SCALE: 1:350 (A3)</p> | <p>DATE: 02.02. 2024</p> <p>DATE: 02.02. 2024</p> <p>PRINT ISSUED: 02.02. 2024</p> <p>SHEET No: D03</p> |
|---|---|---|---|---|

