STATE OF PALESTINE

"NABLUS ONE STOP CENTER"

ARCHITECTURAL DRAWINGS

CONSULTING ENGINEERING CENTER

SAFFARINI & ASSOCIATES

June, 2021

ARCHITECTURAL

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NOTES :

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

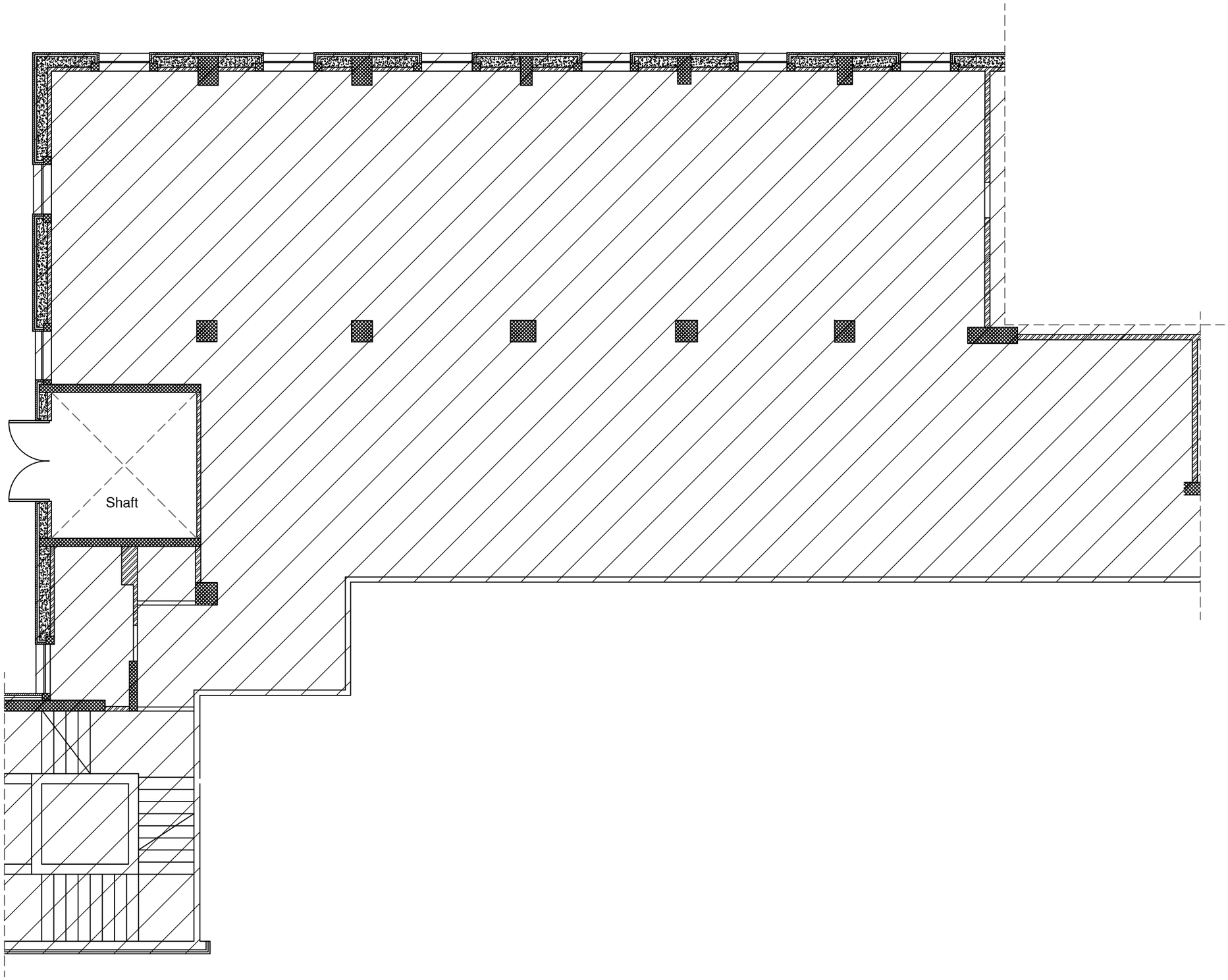
DRAWING : LIST OF DRAWINGS

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NOTES :

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Hollow blockwork.

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Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

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S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

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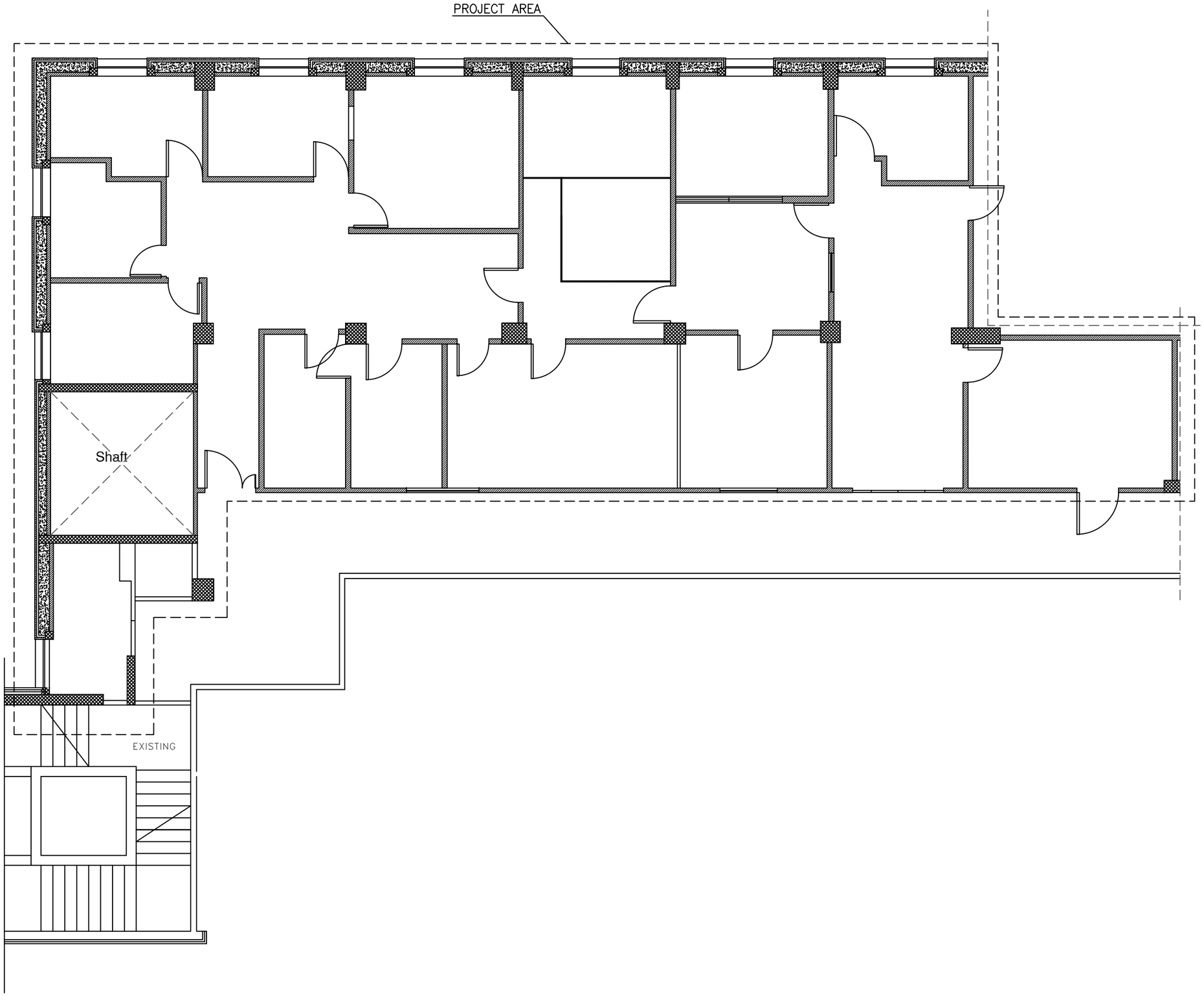
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NOTES :

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Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

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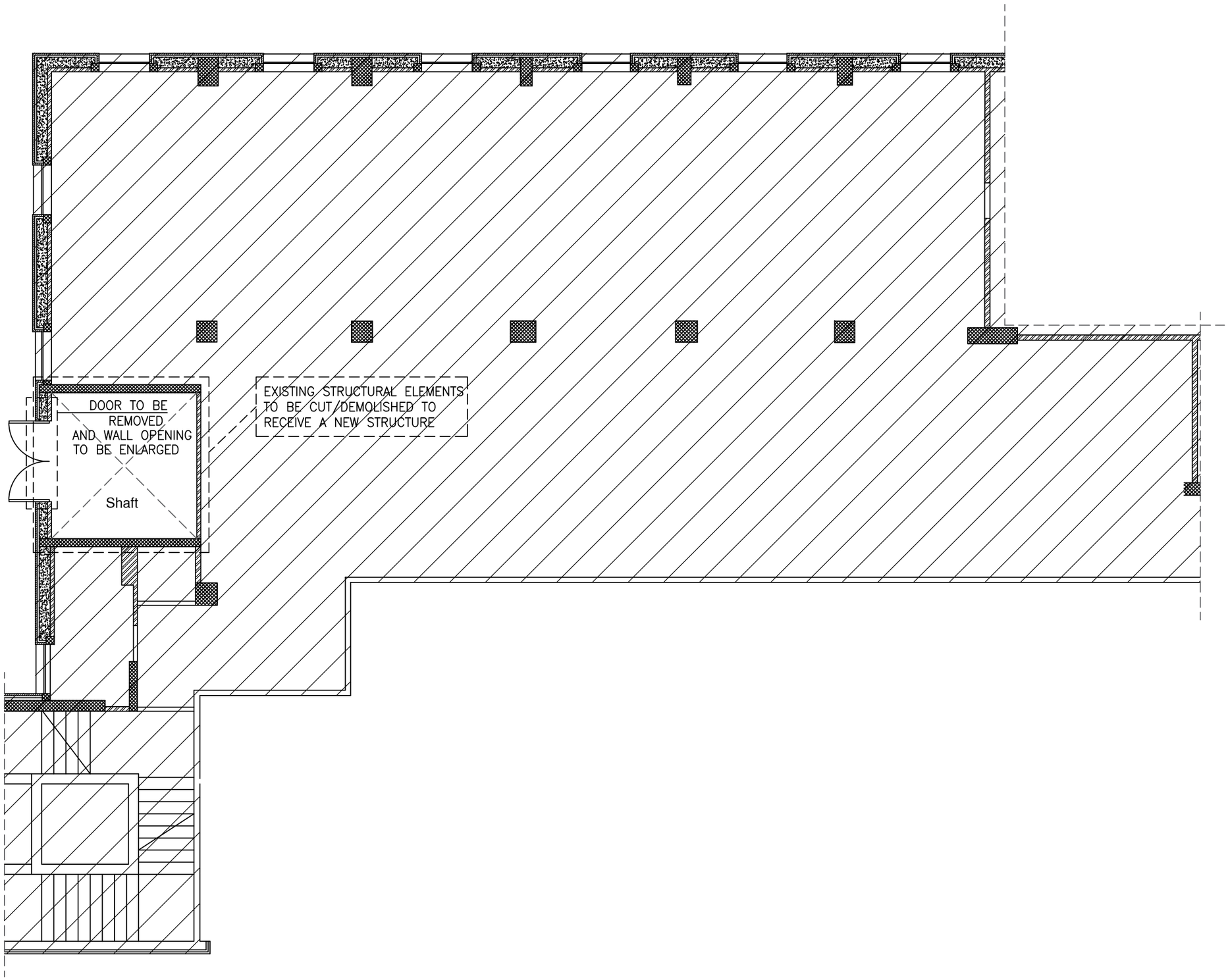
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NOTES :

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

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UN WOMEN

NABLUS ONE STOP CENTER

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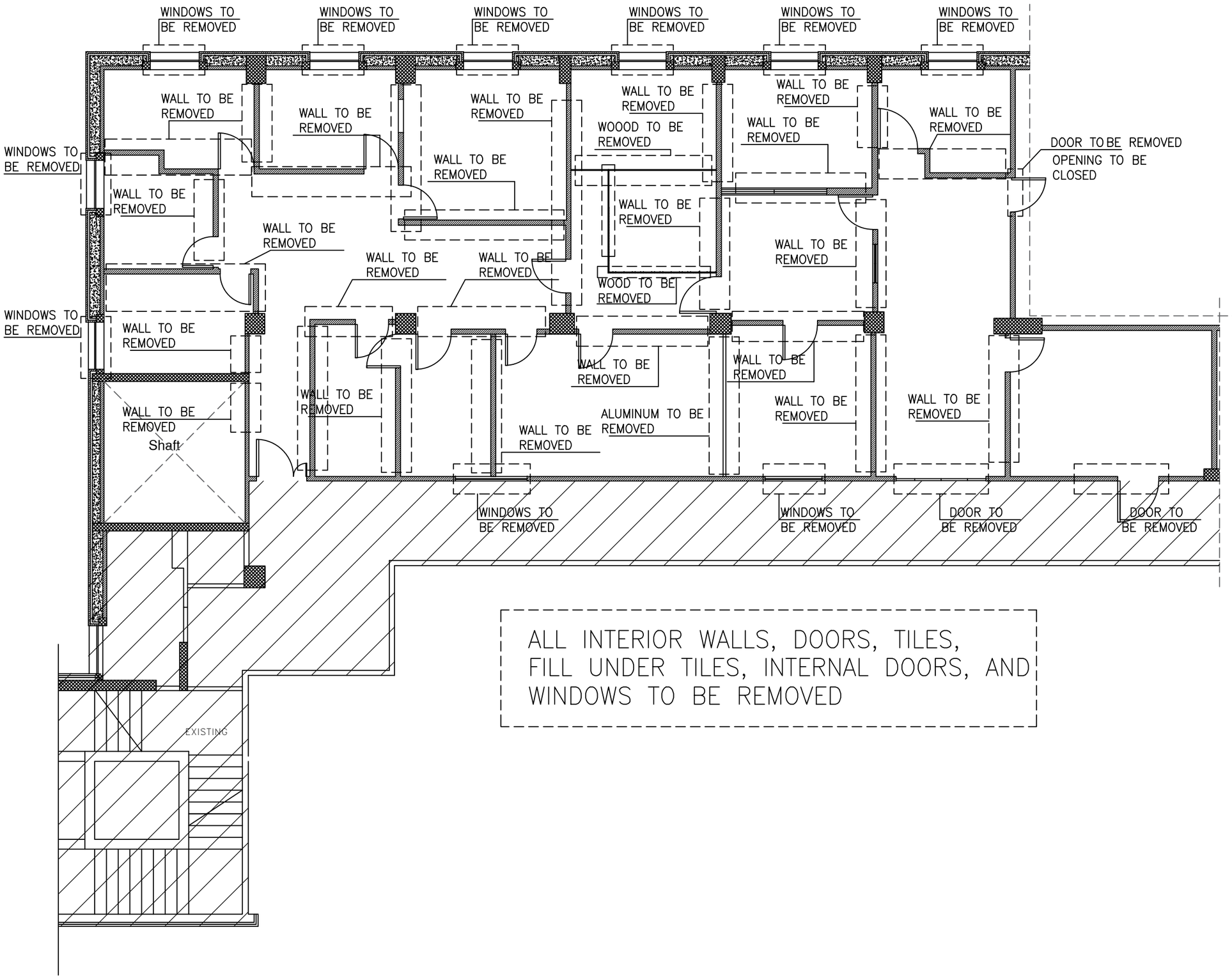
DRAWING : GROUND FLOOR DEMOLITION PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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ALL INTERIOR WALLS, DOORS, TILES, FILL UNDER TILES, INTERNAL DOORS, AND WINDOWS TO BE REMOVED

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

- Hollow blockwork.
- Reinforced concrete column/wall .
- Reinforced concrete jambs & sills .
- Plain concrete walls.
- Trespa.
- Insulated gypsum board partitions.
- F.F.L Finished floor level .
- F.L.L Finished Lintel Level .
- F.S.L Finished Sill Level .
- S.L Slab level .
- S.B.L Slab bottom level.
- F.L Finished level .
- R Radius
- EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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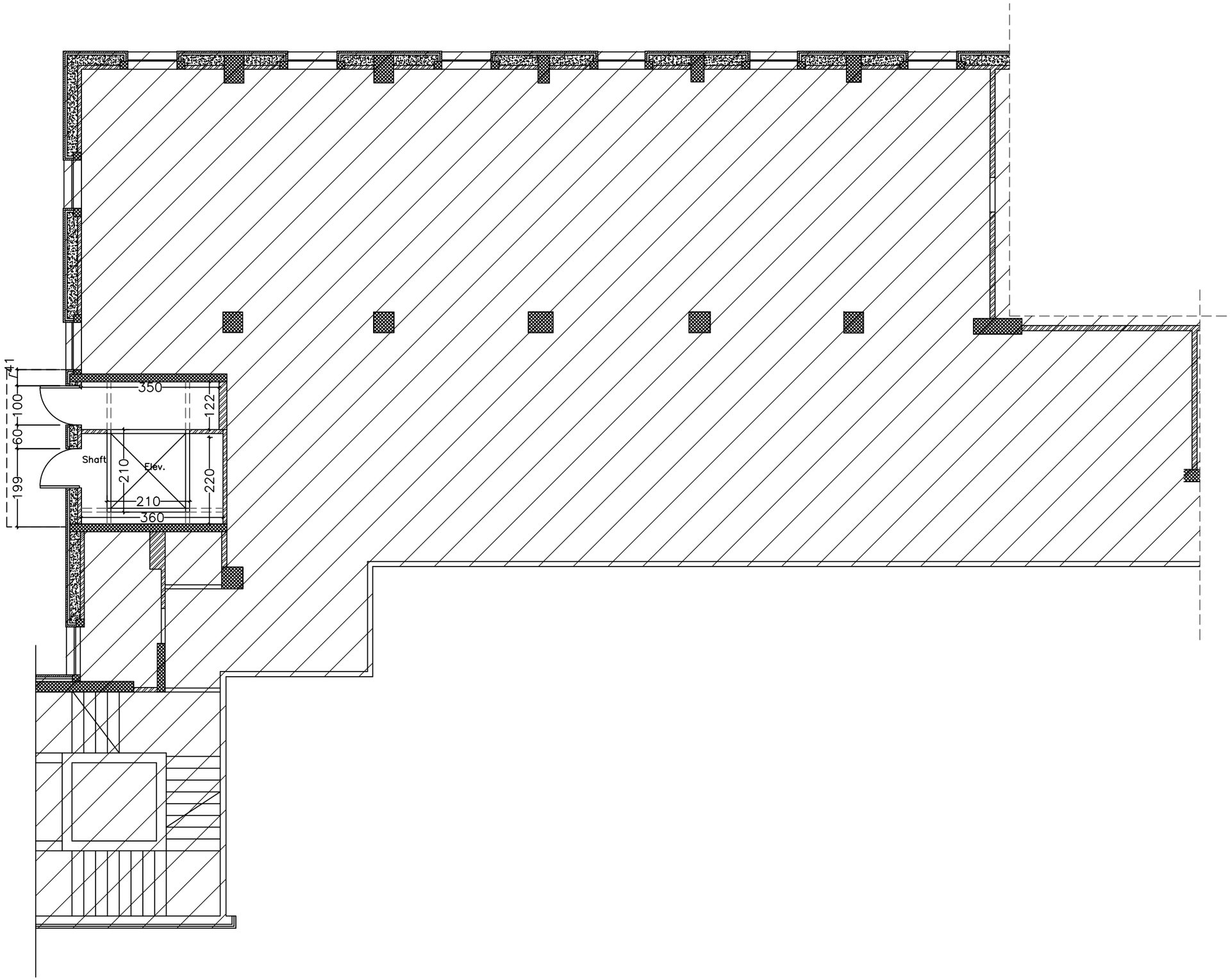
DRAWING : SECOND FLOOR DEMOLITION PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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NOTES :

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* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

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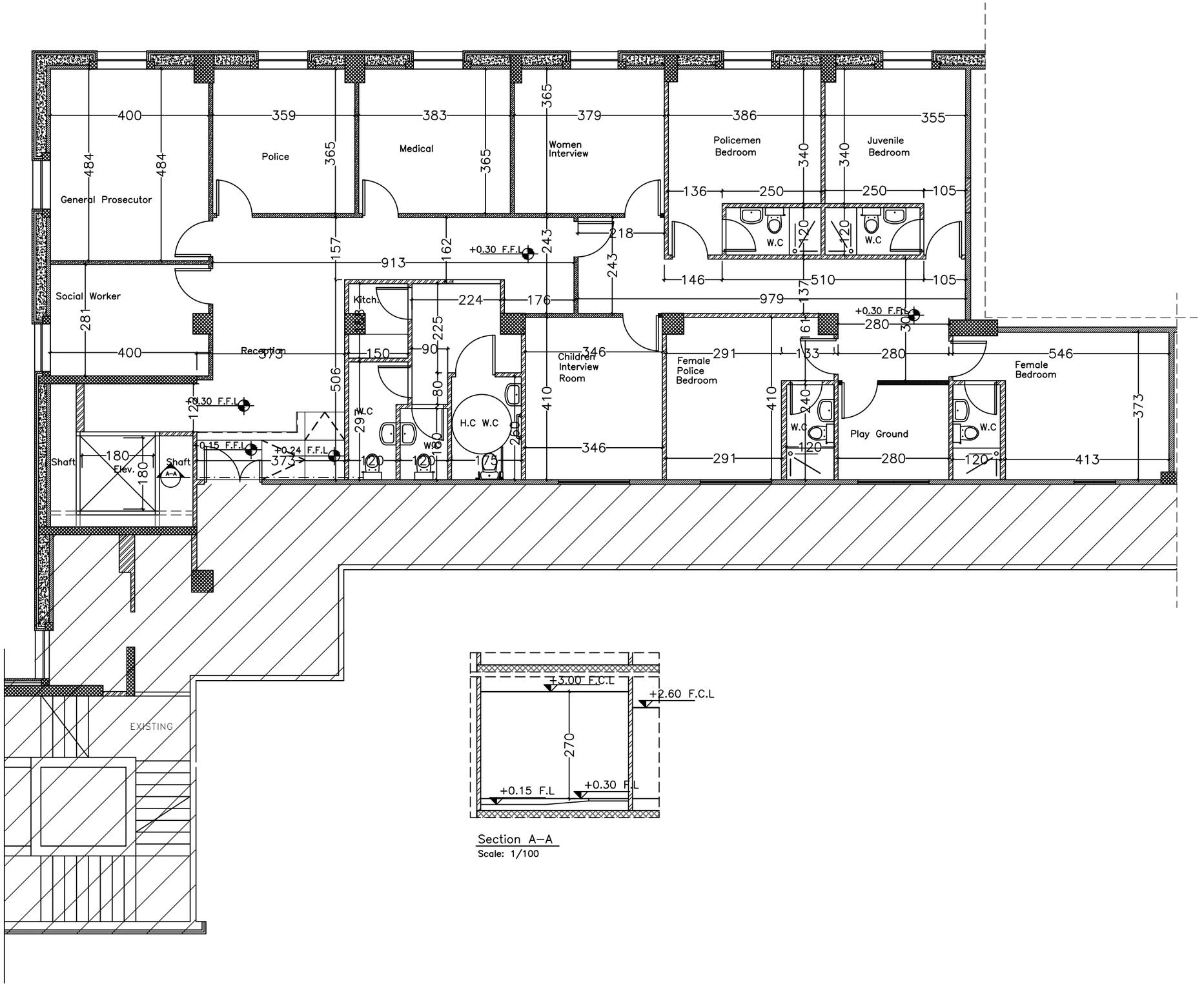
DRAWING : GROUND FLOOR DIMENSION PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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Section A–A
Scale: 1/100

NOTES :

±0.00 = Second Slab Level

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Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

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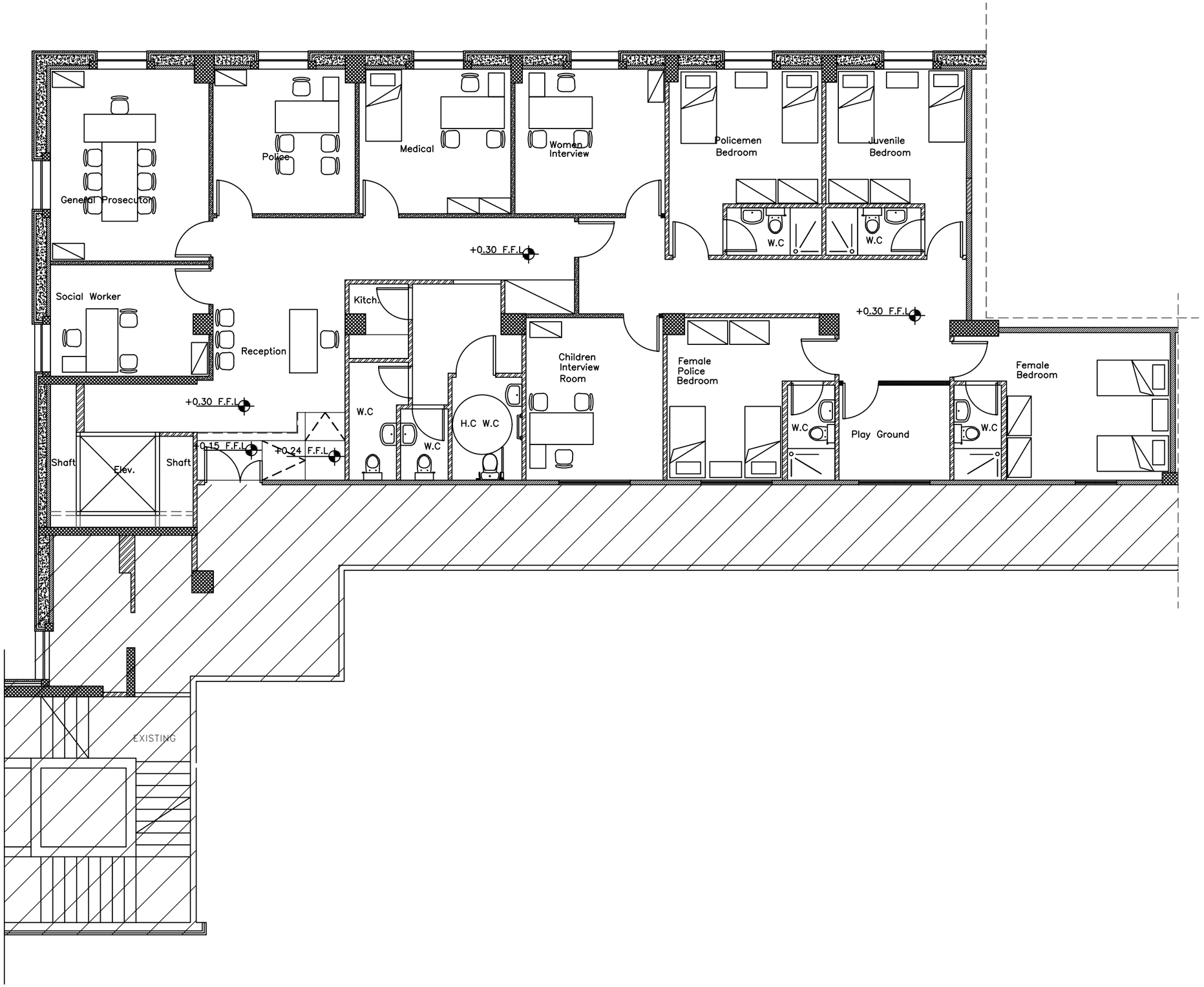
DRAWING : SECOND FLOOR DIMENSION PLAN

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NOTES :

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Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

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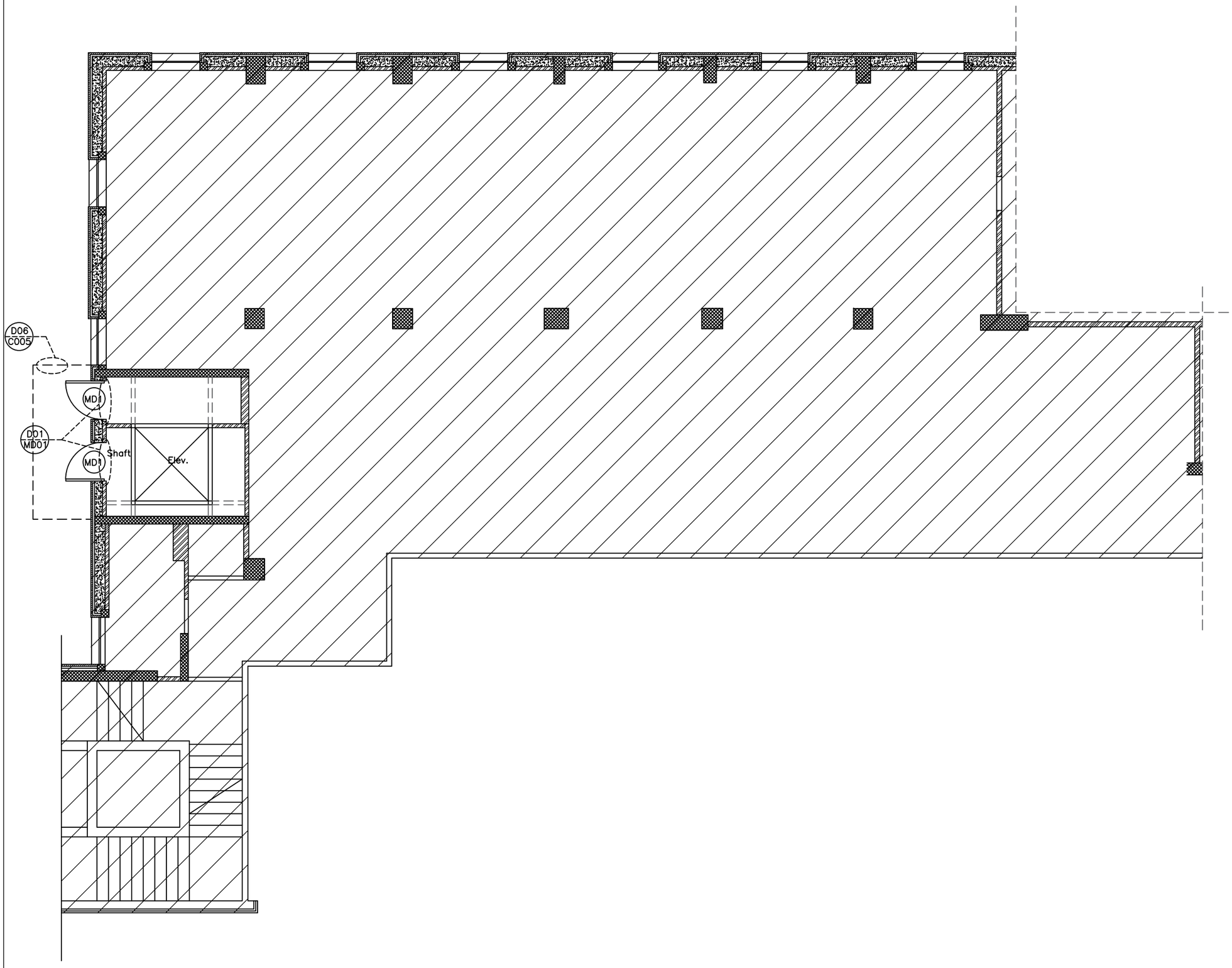
DRAWING : SECOND FLOOR FURNITURE PLAN

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Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

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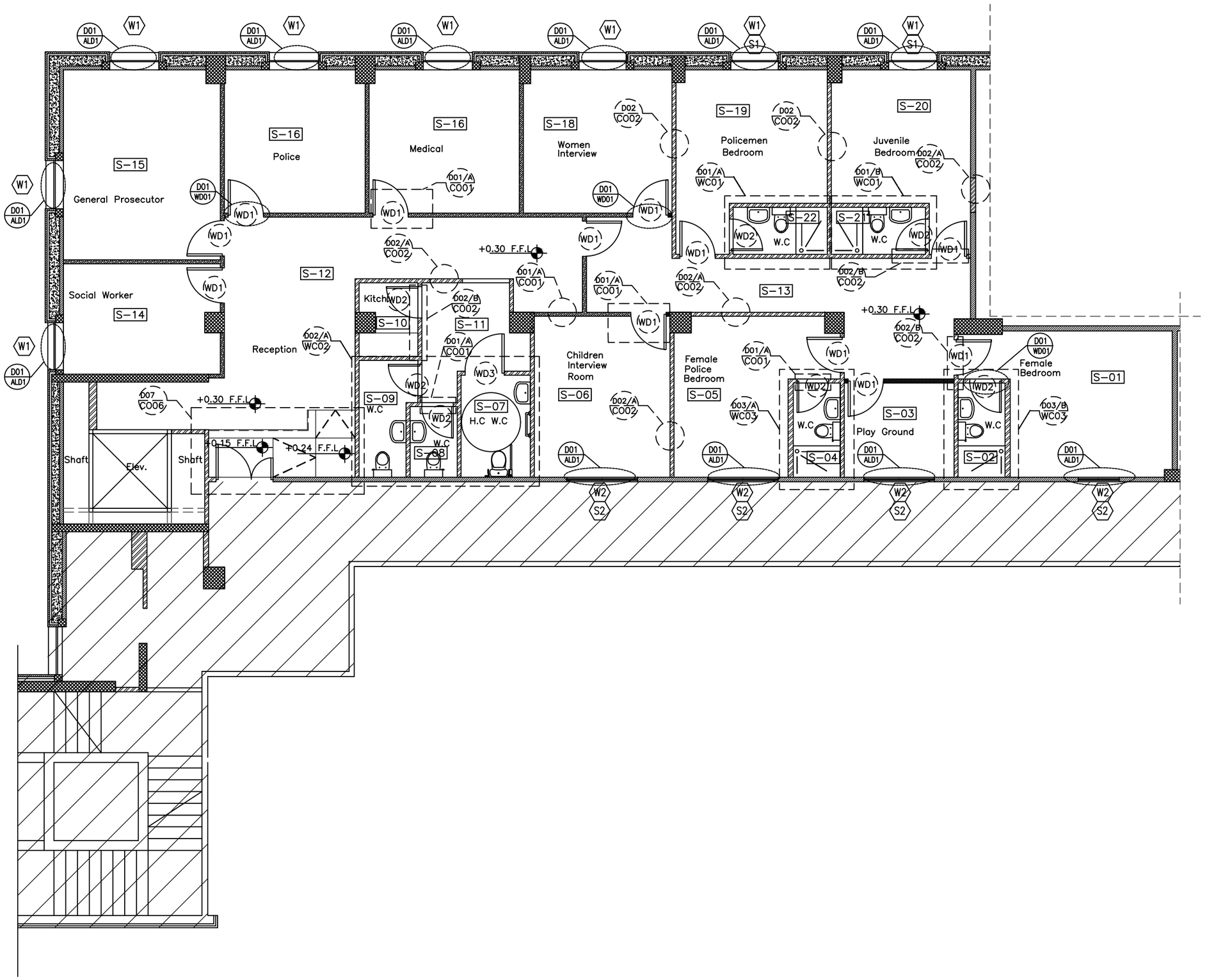
DRAWING : GROUND FLOOR TAGS PLAN

	DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

DRAWING : SECOND FLOOR TAGS PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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SCHEDULE OF FINISHES

SPACE NO.	SPACE USE	FLOOR FINISH	CEILING FINISH	WALL FINISHES
S-1	FEMALE BEDROOM	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-2	WC	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x6MM PORCELAIN TILES ON 1 BASE PLASTER COAT UP TO F.C FOR ALL WALLS
S-3	PLAY AREA	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-4	WC	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x6MM PORCELAIN TILES ON 1 BASE PLASTER COAT UP TO F.C FOR ALL WALLS
S-5	FEMALE POLICE BEDROOM	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-6	CHILDREN INTERVIEW ROOM	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-7	H. WC	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x6MM PORCELAIN TILES ON 1 BASE PLASTER COAT UP TO F.C FOR ALL WALLS
S-8	WC	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x6MM PORCELAIN TILES ON 1 BASE PLASTER COAT UP TO F.C FOR ALL WALLS
S-9	WC	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x6MM PORCELAIN TILES ON 1 BASE PLASTER COAT UP TO F.C FOR ALL WALLS
S-10	KITCHEN	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x6MM PORCELAIN TILES 600 MM ABOVE CABINET 3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT TO THE REST OF NEW WALLS .
S-11	LOBBY	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-12	CORRIDOR	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-13	CORRIDOR	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-14	SOCIAL WORKER	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-15	GENERAL PROSECUTION	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-16	POLICE	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-17	MEDICAL	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-18	WOMEN INTERVIEW	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-19	POLICEMEN BEDROOM	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-20	JUVENILE BEDROOM	600x600x8MM GRANITE PORCELAIN TILE 100MM HIGH TILE SKIRTING	GYPSUM BOARD & 600 X 600 MM ACOUSTIC TILES	3 COATS PLASTER WITH 2 COATS PUTTY FILLER & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF NEW WALLS . & 1 PRIMER PAINT COAT & 2 FINISHING COATS EMULSION PAINT OF EXISTING WALLS .
S-21	WC	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x6MM PORCELAIN TILES ON 1 BASE PLASTER COAT UP TO F.C FOR ALL WALLS
S-22	WC	300x300x8MM PORCELAIN TILES NON SLIP	PERFORATED METAL SHEET FALSE CEILING 300MM WIDE	300x200x8MM PORCELAIN TILES ON 1 BASE PLASTER COAT UP TO F.C FOR ALL WALLS

NOTES :

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

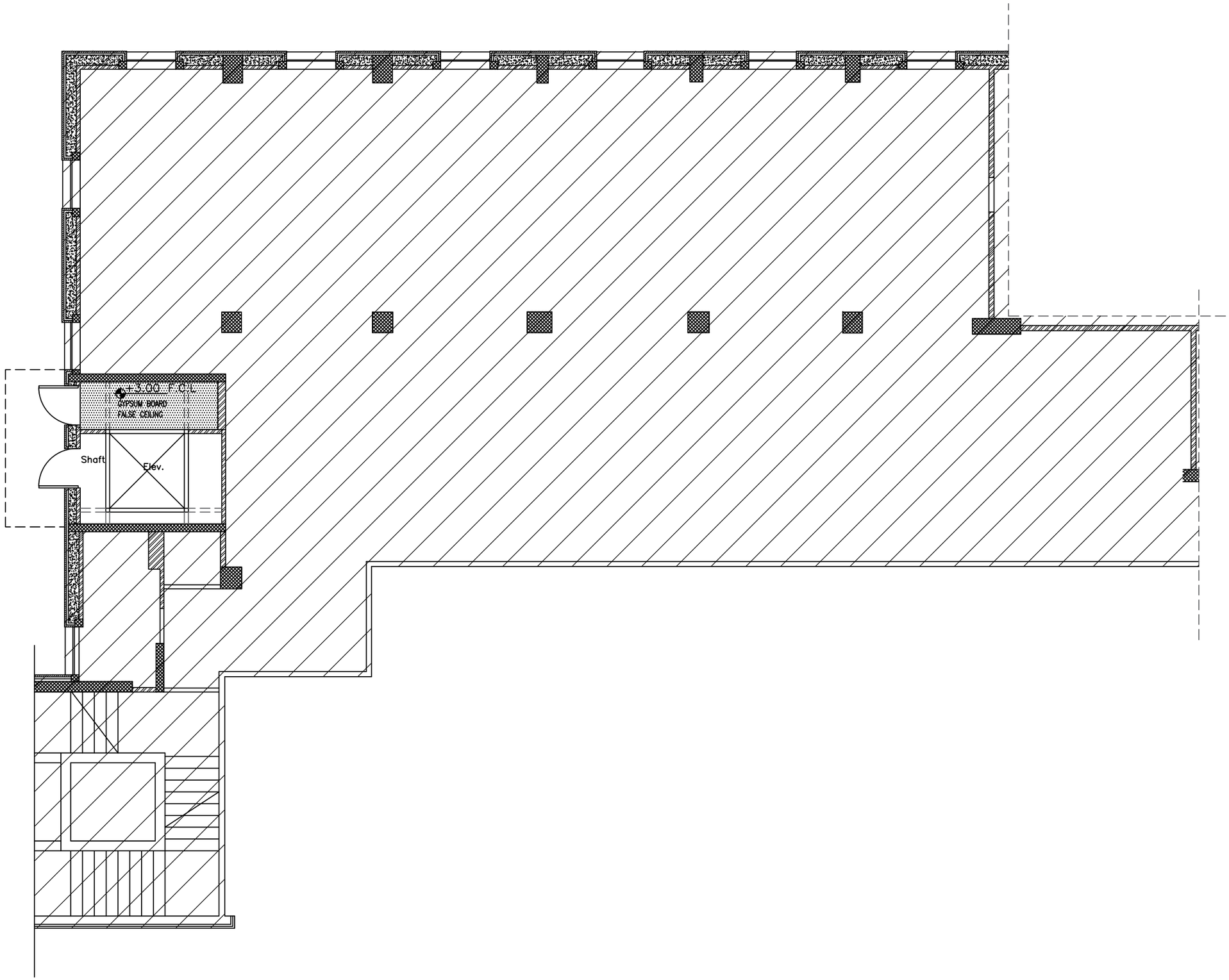
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	DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
	CHECKED: SAFFARINI STAFF NO :	REF: 210521 DD R1	SCALE: 1/100

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NOTES :

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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NABLUS ONE STOP CENTER

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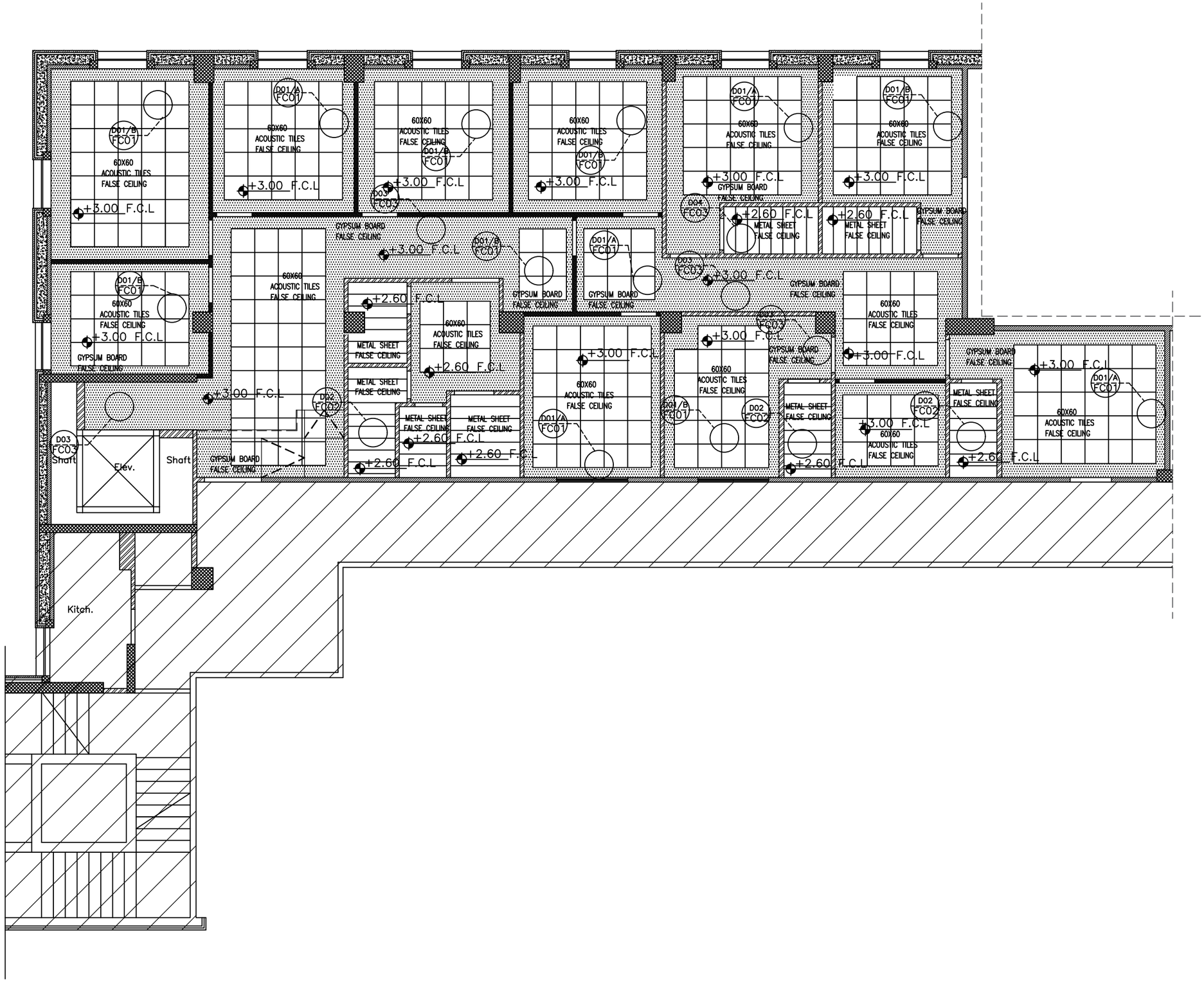
DRAWING : GROUND FLOOR REFLECTED CEILING PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
CHECKED: SAFFARINI STAFF NO :	REF: 210521 DD R1	SCALE: 1/100

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NOTES :

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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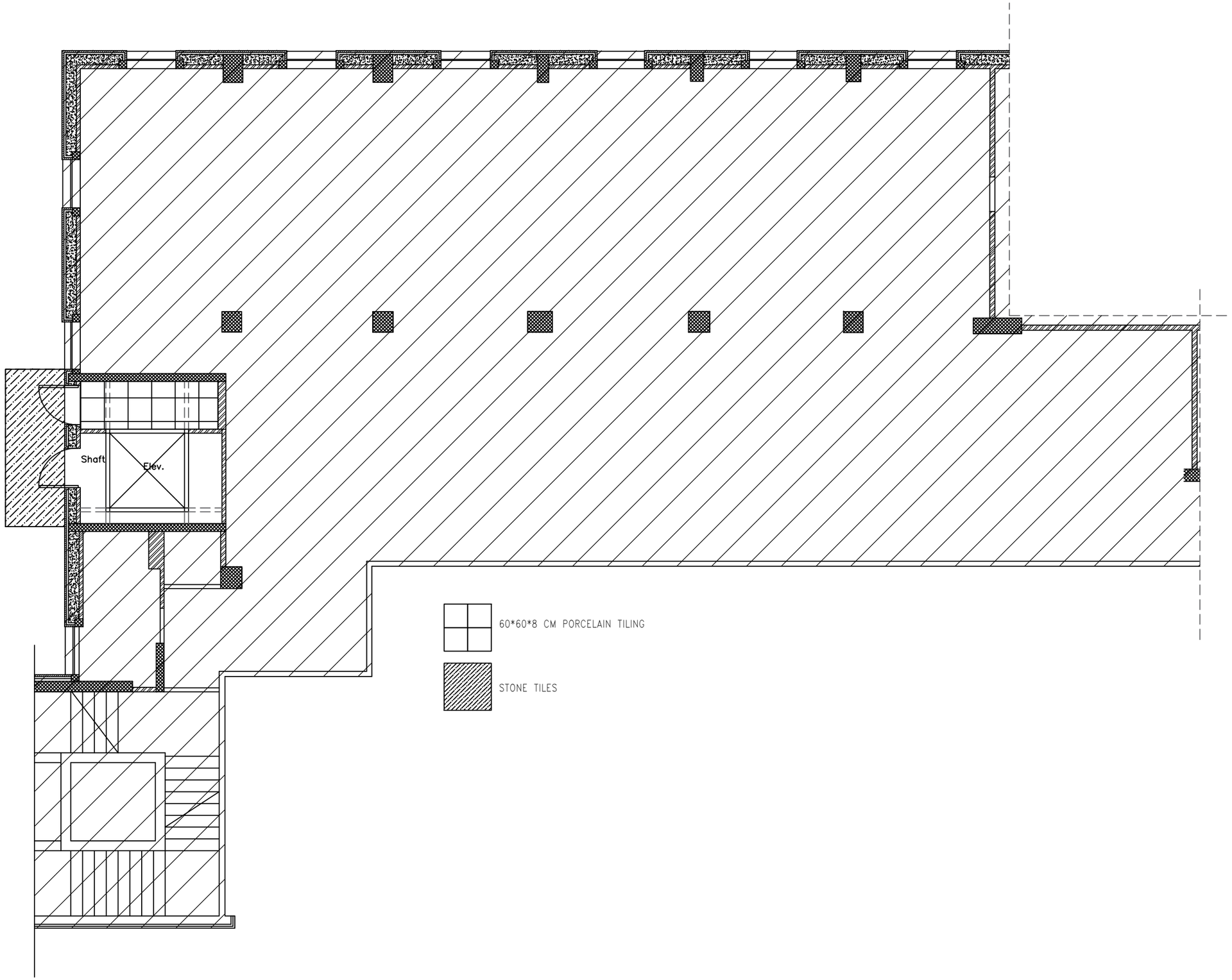
DRAWING : SECOND FLOOR REFLECTED CEILING PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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NOTES :

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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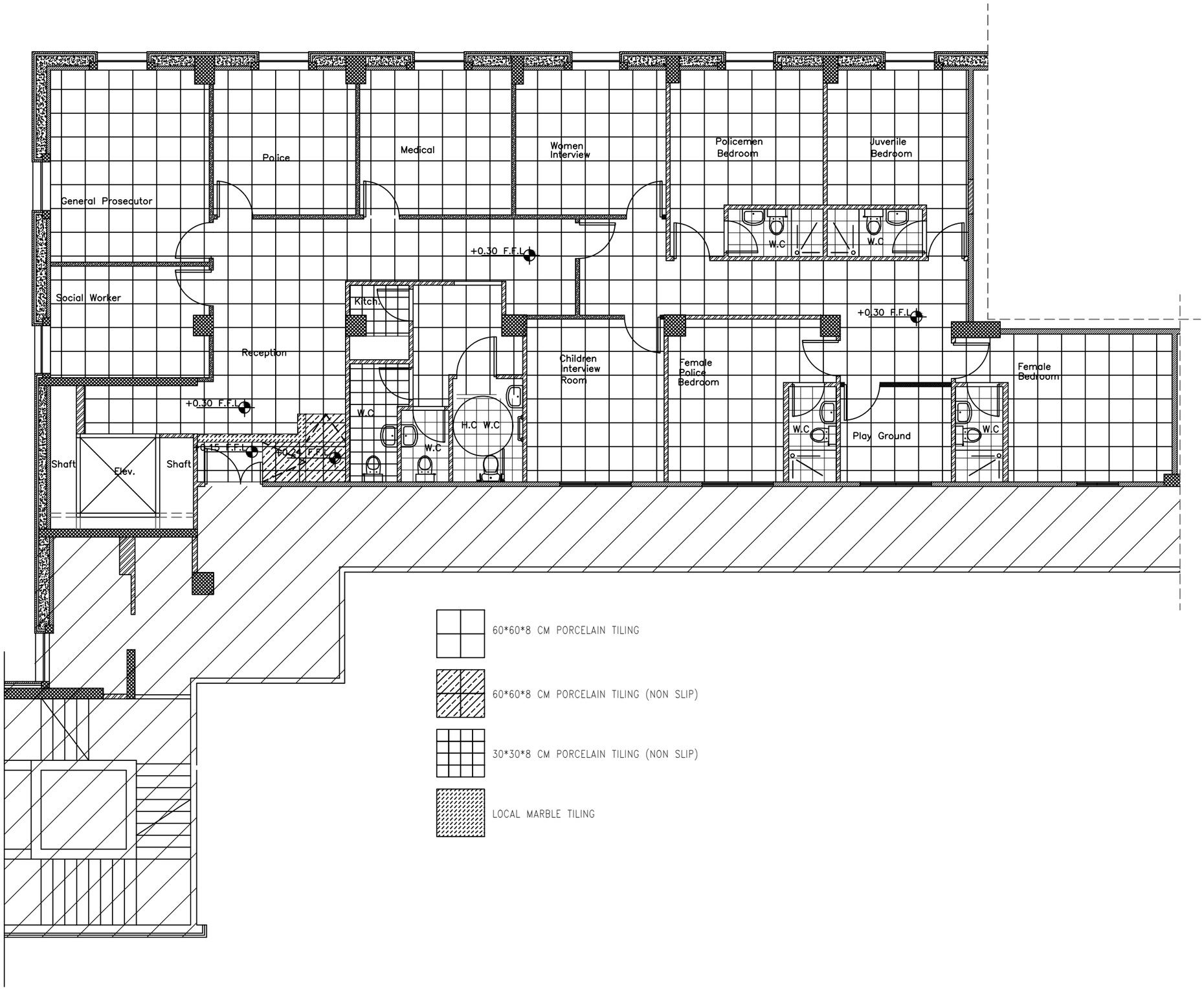
DRAWING : GROUND FLOOR TILING PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
CHECKED: SAFFARINI STAFF NO :	REF: 210521 DD R1	SCALE: 1/100

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NOTES :

±0.00 = Second Slab Level

* All porcelain is granite porcelain except in wc.

Section/elevation number drawing number.

Hollow blockwork.

Reinforced concrete column/wall .

Reinforced concrete jambs & sills .

Plain concrete walls.

Trespa.

Insulated gypsum board partitions.

F.F.L Finished floor level .

F.L.L Finished Lintel Level .

F.S.L Finished Sill Level .

S.L Slab level .

S.B.L Slab bottom level.

F.L Finished level .

R Radius

EXISTING ITEM

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

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DRAWING : SECOND FLOOR TILING PLAN

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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LIST of STRUCTURAL DRAWINGS

S00	List of Drawings & Structural Notes
S01	Elevator Structural System
S02	Elevator Foundation Details
S03	Slab On Grade at +0.00 S.L
S04	Steel Deck at Existing Second Floor Slab Level (Basement Floor Level)
S05	Elevator Covering Details
S06	Steel Connection Details

STRUCTURAL NOTES

I. GENERAL :

1–Each of the structural drawings, shall be read in conjunction with all other relevant plans, Architectural, civil, mechanical electrical drawings.

2–All construction materials to which reference is made in the drawings, and in the typical details shall conform to the applicable codes and standards for construction, and to the specifications .

3–Contractor to supply shop drawings clearly defining existing structural elements for the existing structure, including steel reinforcement

4–Contractor to supply shop drawings clearly defining fit & finish of all construction elements and parts.

II. CONCRETE :

1–Compressive strength of concrete Fcu at 28 days for concrete cubes of 15x15x15cm shall be :–
- Elevator walls –B300
- For slabs on grade & foundations – B300
- For blinding – B200

2–W/C = 0.45–0.50. Max. stone size – 2cm .

3–Portland cement type (10) complying to BS 12 shall be used for all ordinary concrete works .

4–Strength tests for concrete shall be made in accordance with BS 1881 "Method for Testing Concrete"

5–The contractor shall submit for approval prior of any work Concrete casting the design mix of concrete brought to site

6–The contractor shall submit bar bending schedule for supervision Before proceeding of works.

7–Maximum Aggregate size not to exceed 2 cm material.

III. REINFORCING STEEL :

1–All reinforcing steel bars used shall be deformed, high yield steel with a min. yield point strength of (Fy=4200 kg/cm2) and shall conform to BS 4449 type (20) bars .

2–The contractor is to check and verify length of reinforcing steel

IV. CONCRETE PROTECTION :

1–Unless otherwise indicated on drawings, concrete clear cover to main reinforcement (clear space inside stirrup) shall be as follows :
- A– 70 mm for footings
- B– 55 mm for Elevator walls

V. SOIL UNDER SLABS ON GRADE :

1– Soil under slab on grade shall be single sized aggregate site and replaced with suitable fill compacted in layers not exceeding 20cm.

2– All organic and non suitable soil shall be removed from site and replaced with suitable fill compacted in layers not exceeding 20cm.

3– Slabs on grade shall be laid on a layer of polyethylene sheets 0.5mm thick (grade 5000).

4– Vertical concrete surface below ground shall be provided with two layers liquid bitumen damp proof material such as Nitoproof 30, or an approved equal.

VI. FOUNDATIONS :

1–The foundation design is based on soil bearing capacity of 3.0 kg/cm2

2–All footings to be layed on a cohesive lime stone layer at the specified depths. shown on the plans
All footings & tie beams shall be laid on a 10cm thick layer of plain concrete (Blinding), which shall project outside the footings & tie beams by 10cm.

3– All concrete members and works below finished ground level must be insulated with two coats of bitumen.

4– Levels shown on footings in Sheet S02 indicate footings top level.

5– Soil Bearing capacity Should be Verified at start of construction .

VII. DESIGN CRITERIA :

1–Design is based on the ultimate strength method for all concrete structural elements.

2–Design is based on ACI 318–2011 and IBC2012 Codes

3–For Steel Structures Design made based on AISC303

VIII.STRUCTURAL DETAILS:

Min. Lap Splice and Embedment Lengths

Kind	Compressive Strength of concrete Fc (kg/cm20)	Without Hook			
		S1	S2	S3	
				Sub–beam	Slab
Secondary	=>200	40d	35d	25d	>10d, 15cm
Main	=>200	45d	40d	25d	>10d, 15cm

S1 : Lap splice length, and embedment length in tension zone.
S2 : embedment length in compression zone.
S3 : embedment length for the bottom bars of sub–beam and floor slab.
In case concrete strength,Fc,is below 200kg/cm2,S1 and S2 length shall be increased by 5d to the required length shown in the table.

IX. Steel Structure:

–	All Dimensions are in Centimeters, unless stated otherwise.
1–	The contractor to verify all dimensions and measurements and produce accurate shop drawings prior to construction.
2–	Structural steel is of grade S235 (Fy=235MPa , Fu=360MPa)
3–	Bolts are of grade A490M, 8.8 or 10.9 as specified. structural nuts of grade A563M structural Washer of grade F436M
4–	Anchor bolts are of grade 8.8
5–	All welds are fillet welds using E70xx Elecrtrodes or equivelant, Should conform to AWS A5.23M
6–	Gusset plates were designed to provide a minimum of 35cm total weld length.
7–	All gusset plates to be 10mm steel.
8–	All welds to be standard 6mm Fillet welds. Welds to be continuous all around edges of joined parts.
9–	The contractor to apply a paint system in accordance with BS 5493 having a minimum life to first maintenance of 10–15 years.
10–	Contractor to provide complete shop drawings for engineer's approval

NOTES :

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NABLUS ONE STOP CENTER

PROJECT No. :

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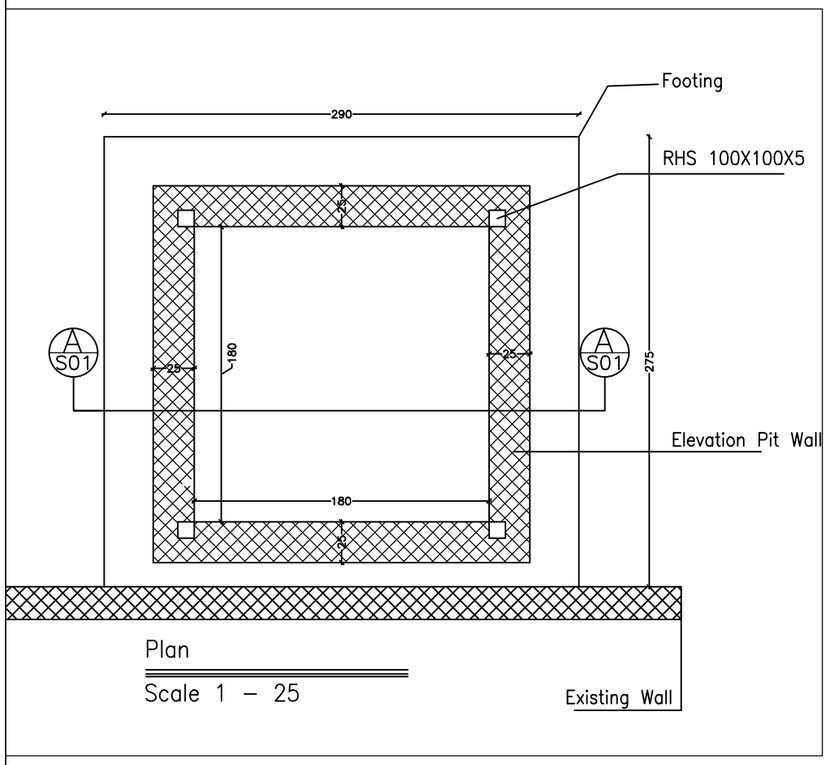
DRAWING : List of Drawings & Structural Notes

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CHECKED: SAFFARINI STAFF NO :	REF:	SCALE: 1/100	

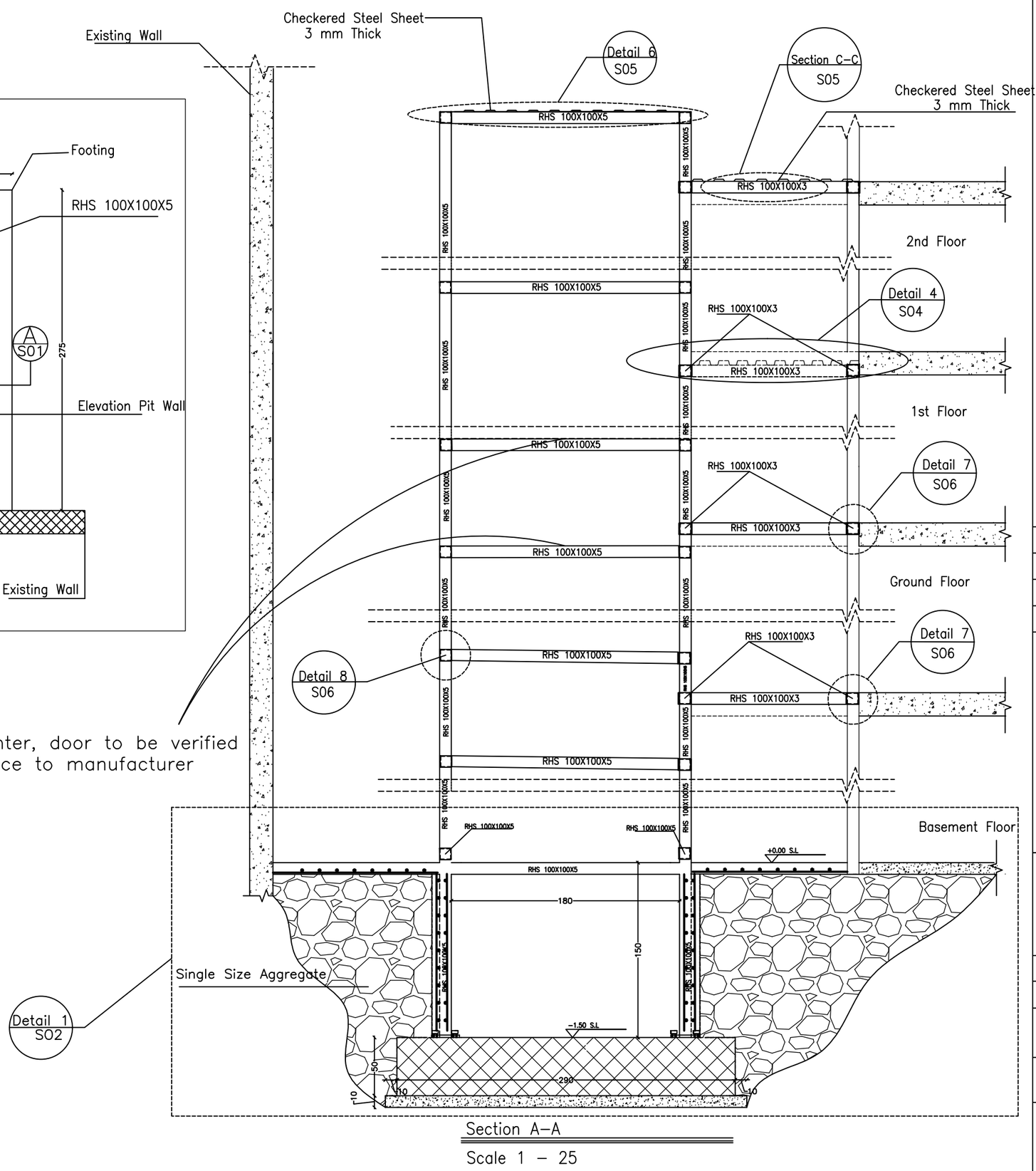
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@150 cm spacing on center, door to be verified and adjusted in accordance to manufacturer installation instructions



NOTES :

+0.00 = Existing Slab on Grade Level(Basement Floor)

Reinforced concrete.

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NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

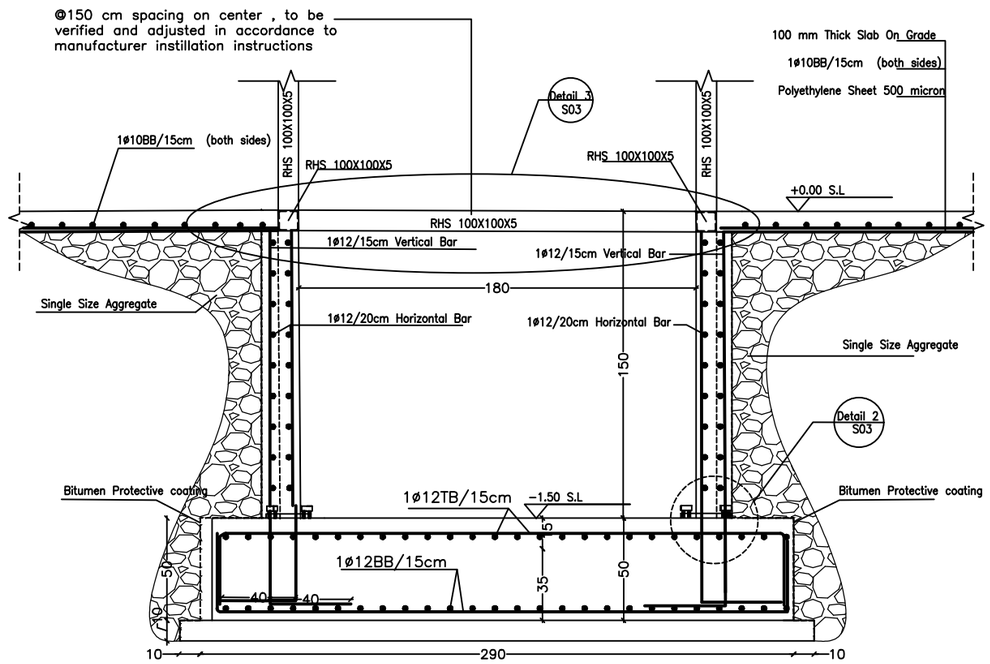
DRAWING : Elevator Structural System

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021	
CHECKED: SAFFARINI STAFF NO :	REF:	SCALE: 1/100	

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Detail 1

Scale 1–20

NOTES :

+0.00 = Existing Slab on Grade Level

Reinforced concrete.

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PROJECT No. :

ISSUE : TENDER

DRAWING : Elevator Foundation Details

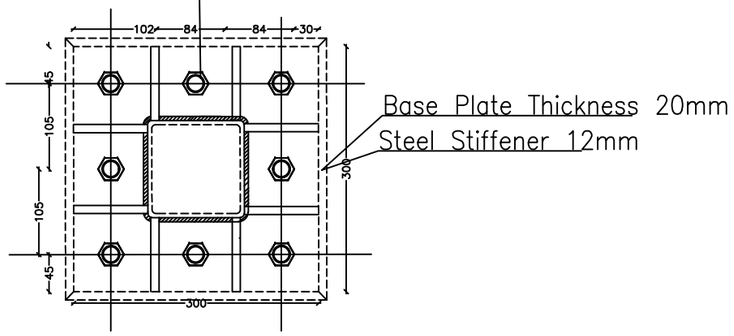
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CHECKED: SAFFARINI STAFF NO :	REF:	SCALE: 1/100	

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S 02

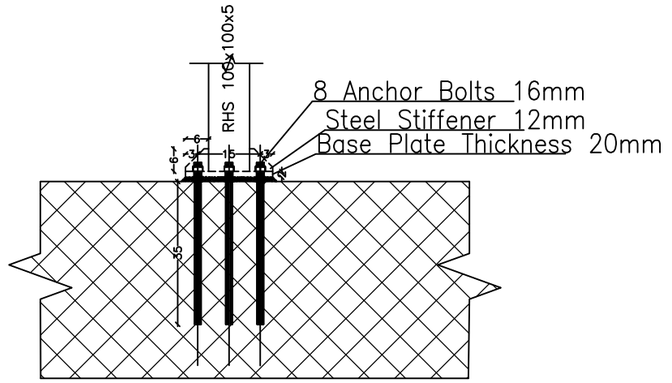
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Typical Detail 2



Plan

Scale 1–50

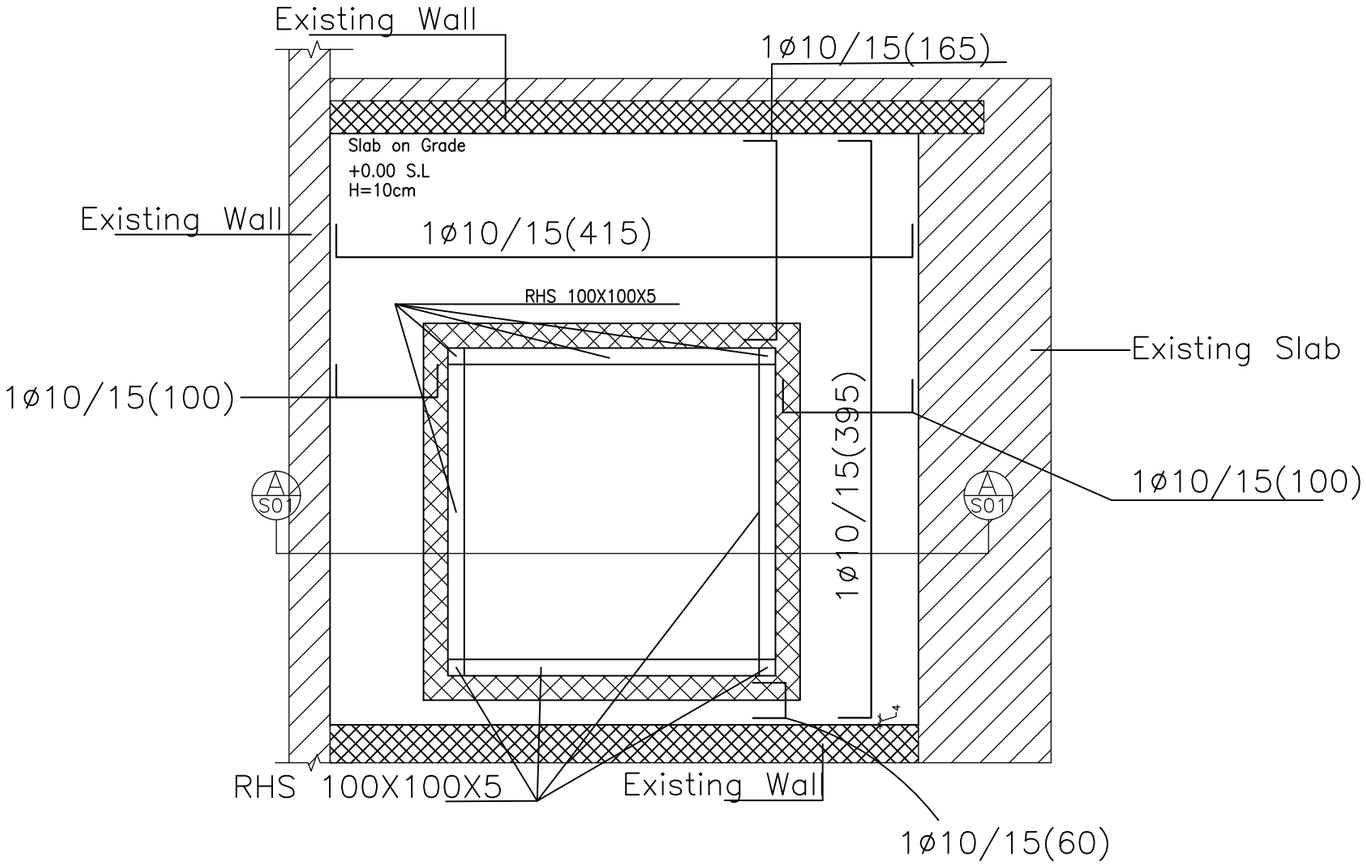


Typical Detail 2

Section

Scale 1–100

Steel Columns RHS100X100X5
Connection with Elevator Footing



Detail 3 : Slab On Grade

Scale 1–20

NOTES :

+0.00 = Existing Slab on Grade Level

Reinforced concrete.

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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PROJECT No. :

ISSUE : TENDER

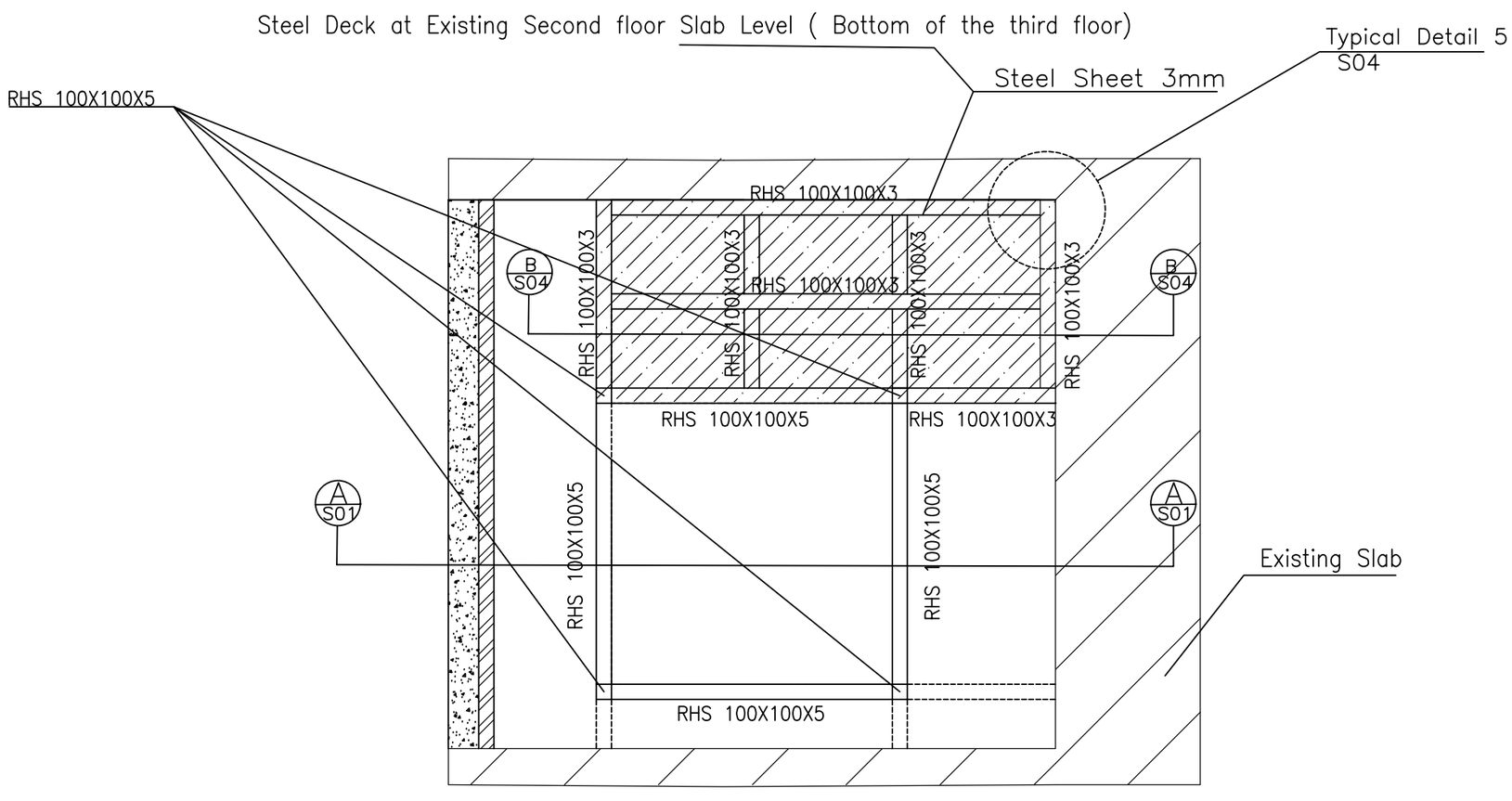
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DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
CHECKED: SAFFARINI STAFF NO :	REF:	SCALE: 1/100

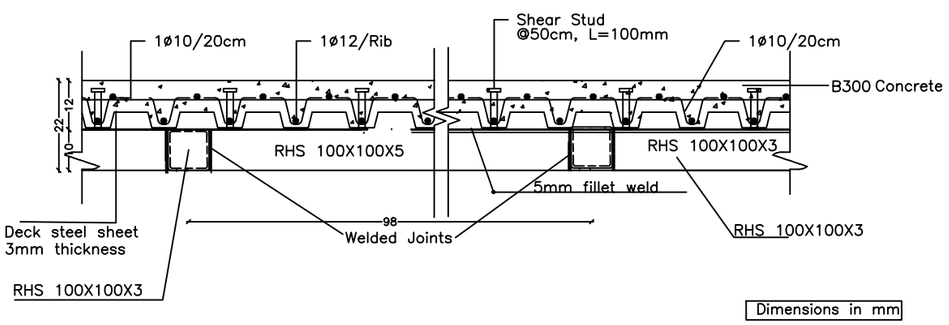
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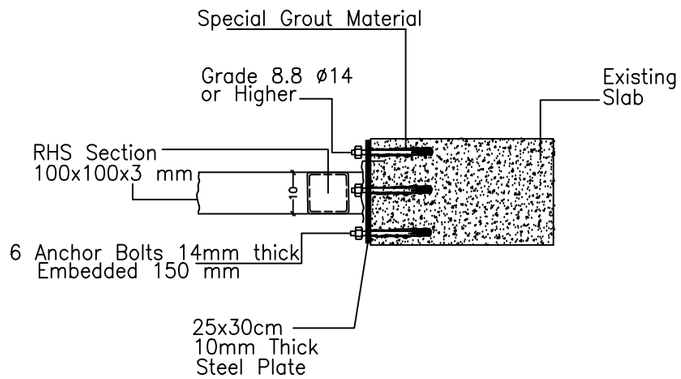
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Detail 4
Scale 1 – 25



Section B–B
Scale 1 – 10



Typical Detail 5
Steel Beam RHS 100X100X3 mm Connection with Existing Slab

Scale 1 – 10

NOTES :

+0.00 = Existing Slab on Grade Level

Reinforced concrete.

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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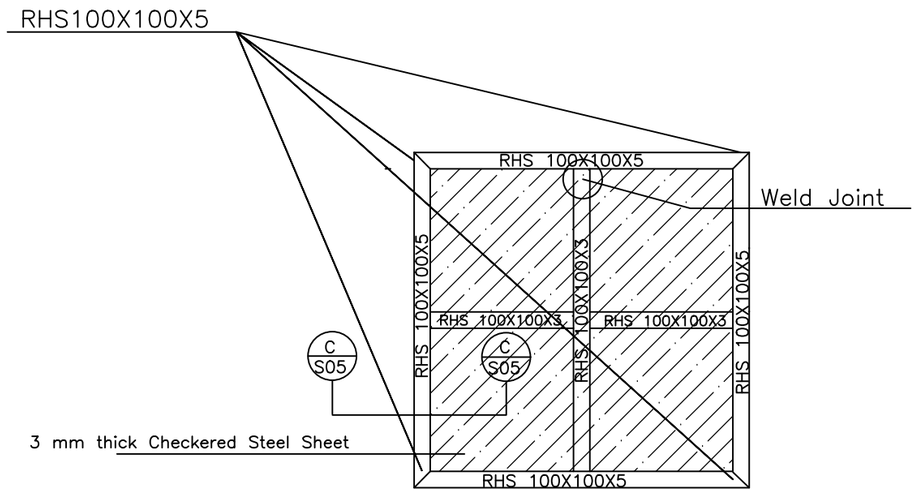
DRAWING : Steel Deck at Existing Second Floor Slab Level (Basement Floor Level)

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021	
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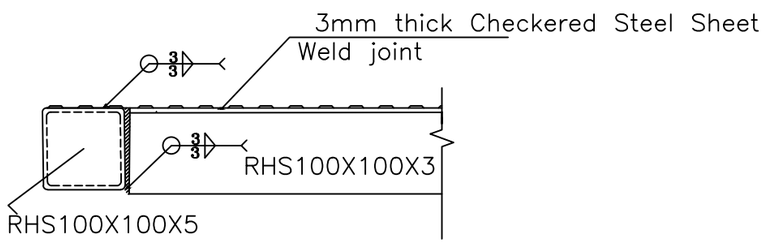
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Detail 6

Scale 1 – 25



Section C–C

RHS100X100X5 AND RHS100X100X3 Beams Connection

Scale 1 – 5

NOTES :

+0.00 = Existing Slab on Grade Level

Reinforced concrete.

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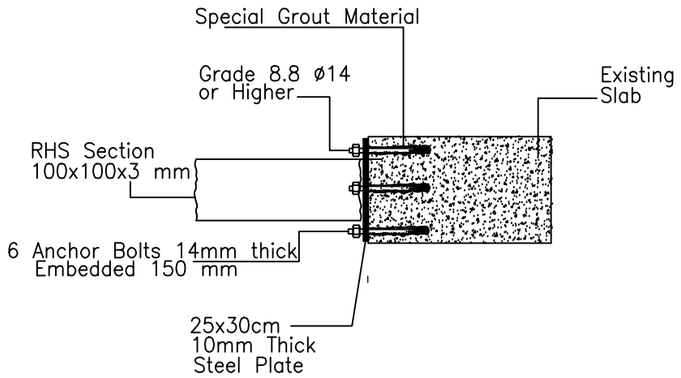
DRAWING : Elevator Covering Details

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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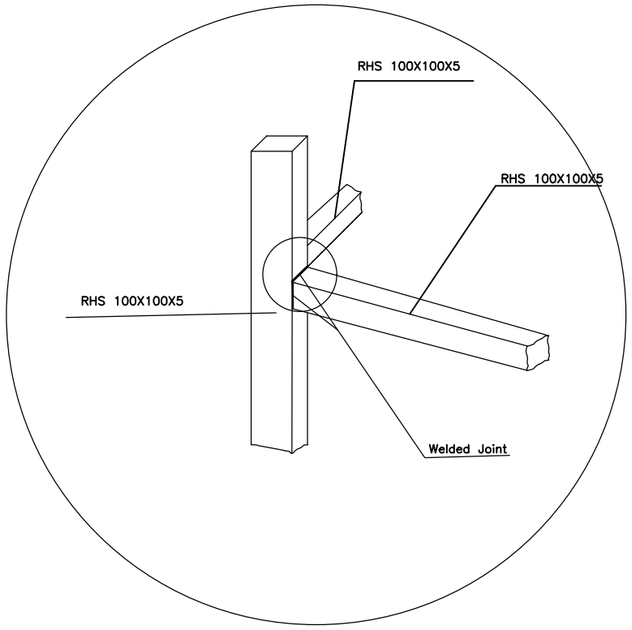
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Typical Detail 7

Steel Beam RHS 100X100X3 mm Connection with Existing Slab

S C A L E 1 – 10



Typical Detail 8

Steel Beam (RHS100X100X5) Connection with steel column RHS100X100X5mm

S C A L E 1 – 10

NOTES :

+0.00 = Existing Slab on Grade Level

Reinforced concrete.

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DRAWING : Steel Connection Details

DRAWN : SAFFARINI STAFF NO :	APPROVED: SAFFARINI STAFF NO. :	DATE: June, 2021
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Drawing No.	Description	Drawing No.	Description	Drawing No.	Description
	GENERAL:				
E-000	LIST OF DRAWINGS				
E-001	LEGEND AND NOTES				
E-002	LIGHT FIXTURES SCHEDULE				
	LIGHTING SYSTEM:				
E-101	SECOND FLOOR LIGHTING SYSTEM				
E-102	BASEMENT FLOOR LIGHTING SYSTEM				
	POWER & UPS SYSTEMS:				
E-201	POWER & UPS SYSTEMS				
E-202	ELECTROMECHANICAL PLAN				
	IT & LOW CURRENT SYSTEMS				
E-301	SECOND FLOOR IT & LOW CURRENT SYSTEMS				
E-302	BASEMENT FLOOR IT & LOW CURRENT SYSTEMS				
	FIRE ALARM SYSTEM:				
E-401	FIRE ALARM SYSTEM				
	DETAILS & RISER DIAGRAMS				
E-501	SINGLE LINE DIAGRAMS				
E-502	ELECTRICAL RISER DIAGRAMS – 1				
E-503	ELECTRICAL RISER DIAGRAMS – 2				
E-504	ELECTRICAL GENERAL DETAILS				

NOTES :

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

DRAWING : LIST OF DRAWINGS

	DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
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GRAPHIC SYMBOLS	
	DISTRIBUTION BOARD
	ONE , TWO , & THREE WAY, WATER PROOF SWITCH
	NORMAL POWER OUTLET
	SINGLE UPS POWER OUTLET
	DOUBLE UPS POWER OUTLET
	FOURTH UPS POWER OUTLET
	DOUBLE NORMAL POWER OUTLET
	NORMAL POWER OUTLET WITH IP55 MODULAR SUPPORT FRAME
	RJ45 S/FTP CAT 7A TELEPHONE SOCKET
	RJ45 S/FTP CAT 7 A DATA SOCKET
	ADDRESSABLE PHOTO SMOKE DETECTOR
	ADDRESSABLE HEAT DETECTOR
	MANUAL CALL POINT BREAK GLASS
	INTERNAL HORN AND STROBE INTERNAL HORN AND STROBE WITH FLASHER
	MANUAL CALL POINT BREAK GLASS WITH INTERNAL HORN MANUAL CALL POINT BREAK GLASS WITH INTERNAL HORN & FLASHER
	CEILING MOUNTED 20 WATT LOUD SPEAKER
	INTERNAL CAMERA
	EXTERNAL CAMERA
T	Thermostat (With On–Off Switch)
	MODULAR FLUSH FLOOR SERVICE OUTLET BOX 300x200x80mm, 3 COMPARTMENT SERVICE BOX EQUIPPED WITH:– – 13A DOUBLE SOCKET OUTLET FOR UPS – 13A DOUBLE SOCKET OUTLET FOR NORMAL POWER – DOUBLE RJ45 DATA SOCKET OUTLET – DOUBLE RJ45 TELEPHONE SOCKET OUTLET COVERS, FIXING DEVICES... ETC. INCLUDED
	Fire Alarm Lamp
	AC Outlet at High Level
	Data Cabinet Box
	30 cm Perforated Cable Tray for Power Lines
	30 cm Mesh Cable Tray for Low Current Lines
FMS	Fireman Switch
	IP65 Outdoor Socket For AC Units
	KNX presence sensor
FMT	Fireman Telephone
	WALL MOUNTED 20 WATT LOUD SPEAKER
	MAGNETIC ALARM CONTACT — HEAVY DUTY MAGNETIC ALARM
	HDMI socket
	30 cm Perforated Cable Tray for Power Lines
	30 cm Mesh Cable Tray for Low Current Lines

GENERAL NOTES	
A	THE FOLLOWING NOTES SHALL APPLY TO ALL ELECTRICAL DRAWINGS UNLESS OTHERWISE INDICATED OR NOTED.
B	DO NOT SCALE FROM THE LAYOUT DRG. WORK ACCORDING TO ARCHITECTURAL AND ELECTRICAL DETAILS UNLESS OTHERWISE INDICATED.
C	THE ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE REST OF THE DRAWINGS PERTAINING TO ARCHITECTURE, STRUCTURE, AIRCONDITIONING, PLUMBING, DECORATION AND THE SPECIFICATIONS AS APPLICABLE.
D	ALL CONDUITS SHOWN ABOVE FALSE CEILING SHALL BE CONCEALED WHEN RUN IN WALLS BELOW FALSE CEILING.
E	EARTH CONTINUITY (EQUIPMENT GROUND) CONDUCTORS ARE NEITHER INDICATED ON CONDUITS RUNS,THEY SHALL BE IN ACCORDANCE WITH THE IEE REGULATIONS AND AS INDICATED IN SCHEMATIC DIAGRAMS.
F	LIGHTING POINTS SHALL BE EXPOSED OR CONCEALED IN CONFORMANCE TO ASSOCIATED CONDUITS.
G	SHAPE AND DIMENSION OF SYMBOLISED FLOURESCENT OR INCANDESCENT FIXTURES ARE NOT NECESSARILY REPRESENT SHAPE AND DIMENSIONS OF ACTUAL FIXTURES INTENDED FOR THIS PURPOSE. (REFER TO LIGHTING FIXTURES SCHEDULE)
H	LIGHTING SWITCHES NEAR DOORS SHALL BE INSTALLED AT 15CMS.FROM ARCHITRAVE (MEASURED FROM THE EDGE OF THE SWITCH).
I	LIGHTING FIXTURES MOUNTED IN FALSE CEILING SHALL BE FED THROUGH HEAT RESISTANT WIRES IN METALIC FLEXIBLE CONDUITS CONNECTED TO THE LIGHTING OUTLET BOX.
J	OUTLET BOX FOR FALSE CEILING MOUNTED LIGHTING FIXTURE SHALL BE POSITIONED SUCH THAT IT WILL NOT BE OBSTRUCTED BY A/C DUCTS, PIPES, ETC. FOR THIS PURPOSE CONTRACTOR SHALL CO–ORDINATE WITH THE A/C AND PLUMBING CONTRACTOR PRIOR TO INSTALLATION.
K	THE MINIMUM CONDUIT SIZE USED SHALL BE ø 3/4" min.
L	FOR GROUP SWITCHING AND WHERE SWITCH BOXES CONTAIN MORE THAN ONE PHASE, APPROVED BARRIER SWITCH BOXES SHALL BE USED WITH A LABEL SHOWING THAT (380V)EXISTS IN THAT BOX.
M	CONTRACTOR SHALL CO–ORDINATE WITH LOCAL POWER AUTHORITIES AND GET THEIR APPROVAL FOR ELECTRICAL WORKS. REVISIONS (IF NEEDED) SHALL BE WITHOUT EXTRA COST.
N	CONTRACTOR SHALL BE RESPONSIBLE TO EXECUTE & COMMISSION THE ELECTRICAL WORKS COMPLYING WITH THE LOCAL POWER AUTHORITES REGULATIONS.

RECOMMENDED HEIGHTS OF WALL MOUNTED FIXTURES *

REF.	FIXTURES	HEIGHT(mm)	REMARKS
1	LIGHTING SWITCHES	1300	ABOVE F.F.L.
2	NORMAL SOCKET OUTLETS	400	ABOVE F.F.L.
3	A.C. SOCKET OUTLETS	600	BELOW CEILING SLAB
4	DATA AND COMMUNICATION OUTLETS	400	ABOVE F.F.L.
5	INDUSTRIAL SOCKET OUTLETS	300	ABOVE WORKING LEVEL
6	SOCKETS IN MECHANICAL ROOMS	1400	ABOVE F.F.L.
7	HAND DRYER	1400	ABOVE F.F.L.
8	FIRE ALARM BREAK GLASS UNIT	1500	ABOVE F.F.L.
9	TOP OF DISTRIBUTION BOARDS	2000	ABOVE F.F.L.
10	TERMINAL BOXES (LOW CURRENT SYSTEMS WITHIN ELECTRICAL ROOMS OR CLOSETS)	1200–1800	ABOVE F.F.L.

* OTHERS TO BE COORDINATED WITH THE ENGINEER

RECOMMENDED CONDUITS COLORS PER EACH SYSTEM

REF.	SYSTEM	COLOR
1	PUBLIC ADDRESS, CCTV AND BURGLAR ALARM	WHITE
2	POWER, AC AND BMS SYSTEMS	GREEN
3	LIGHTING AND KNX SYSTEMS	BLUE
4	DATA, TELEPHONE AND ACCESS CONTROL	YELLOW
5	UPS SYSTEM	BROWN
6	FIRE ALARM SYSTEM	RED

* OTHERS TO BE COORDINATED WITH THE ENGINEER
* CONDUITS SHOULD BE PLIABLE SMOOTH FLAME RETARDANT ACCORDING TO ELECTRICAL SPECS.

NOTES :

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

DRAWING : LEGEND AND NOTES

DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
CHECKED: DIAMOND STAFF		SCALE: N.T.S.

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E001

Rev.: 1

TYPE	SYMBOL	DESCRIPTION	LIFE TIME	MANUFACT.	MODEL	LAMP CHARACTERISTICS	INGRESS PROTECTION	TEMPERATURE
A		Recessed LED 60x60 cm aluminum luminaire body, white coated, Body: powder-painted steel sheet Diffuser: opal plexi-glass (PLX), Light color rendering index (CRI) Ra > 80. IK07.	50,000 hr. L70 @ 25 °C	LUG Or Equivalent	LUGCLASSIC LED p/t	40 W LED 4800 lm	IP 44	4000K
B		Recessed LED circular downlight ,Luminaire body of die-cast aluminum, powder-coated white. Harmonious light effect due to homogeneously illuminated light emission.Luminaire diameter Ø 234 mm.	50,000 hr. L85 @ 25 °C	Trilux Or Equivalent	Inplana	16 W LED > 100 lm/W	IP 20	4000K
C		Recessed Circular downlight, CRI > 80, Material:body of die-cast aluminum Optic: Reflector of anodized aluminum, facetted. Diameter=140mm	50,000 hr. L85 @ 25 °C	Trilux Or Equivalent	InperlaLP C05 BR19 1800-840	16 W LED 2000 Lm	IP 54	4000K
D		Circular ceiling mounted luminaire Round bulkhead lamp made of shockproof resin material, UV-rays stabilized, rust and corrosion-free resin (body), PMMA (diffuser). Diameter: 275mm.	25,000 hr.	Fumagalli Or Equivalent	Berta	11 W LED 1300 Lm	IP 66	4000K
Em		Circular recessed ceiling mounted, high-brightness, white led light source. Function: Standalone, Optic: Asymmetrical, 1 LED. Body color: white.	----------	Eaton Linergy or equivelant	----------	4.4 W LED 300 lm	IP 42	6000K
Ex		Directional Signaling luminaire with high brightness white led. Ceiling suspended.edge-lit, double sided exit sign for emergency light. Die cast aluminum body.	----------	Eaton Linergy or equivelant	----------	2.3 W LED	IP 65	6000K

Fixture Notes :
1. All light fixture ballast/drivers shall be electronic type 10% total harmonic distribution maximum.
2. All LED Light modules shall be 80 CRI minimum.
3. All LED Drivers shall have manufactrer's certification compliance

NOTES :

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

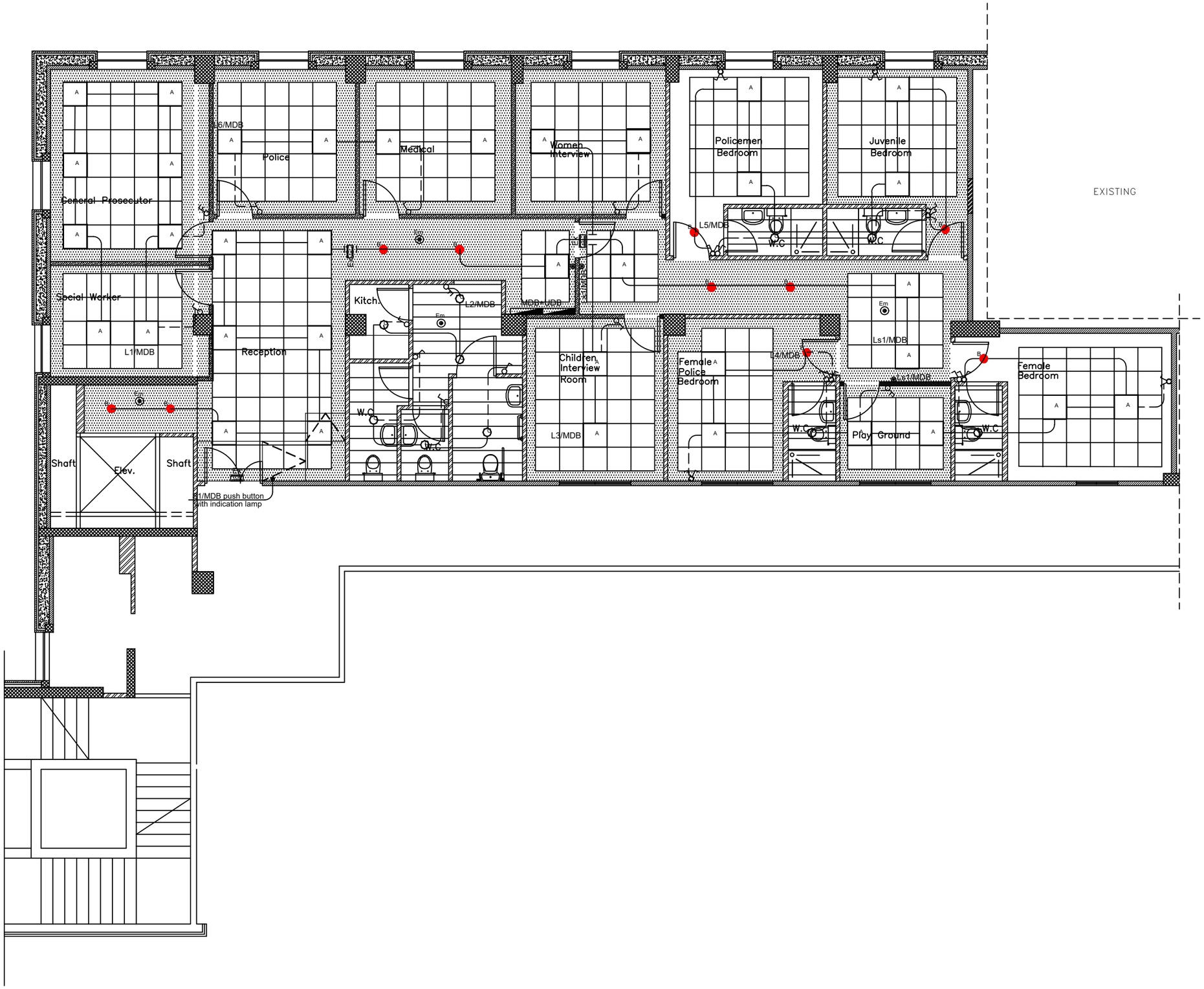
DRAWING : LEGEND AND NOTES

	DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
	CHECKED: DIAMOND STAFF		SCALE: N.T.S.

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E002

Rev.: 1



NOTES :

1- Wiring shall be carried out using N2XY 3x1.5 mm2 cable unless otherwise indicated
2- All exit signs shall be connected at the same circuit separated from lighting circuits

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

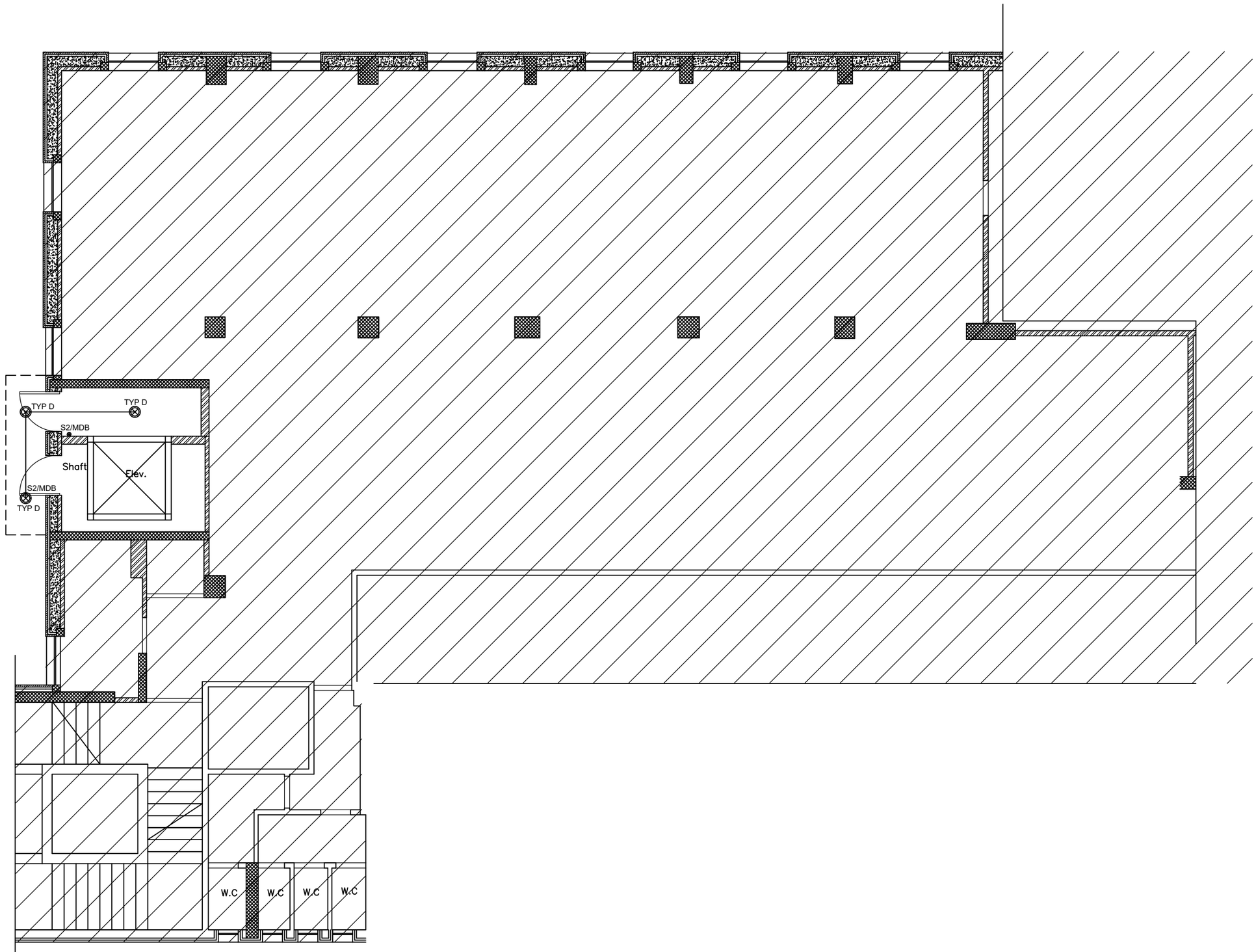
DRAWING : SECOND FLOOR LIGHTING SYSTEM

	DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
	CHECKED: DIAMOND STAFF		SCALE: 1/100

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E101

Rev.: 1



NOTES :

1- Wiring shall be carried out using N2XY 3x1.5 mm2 cable unless otherwise indicated

2- All exit signs shall be connected at the same circuit separated from lighting circuits

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

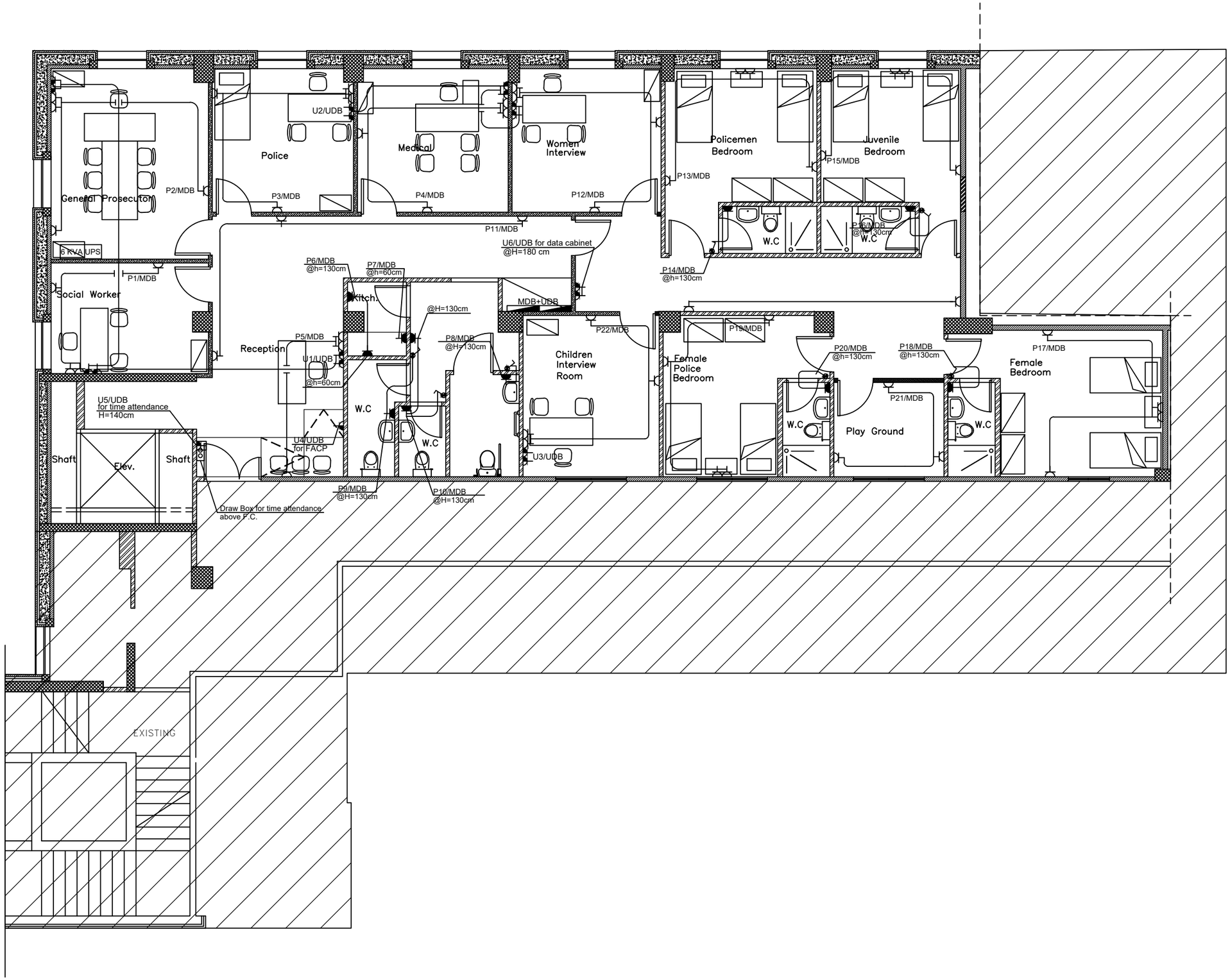
DRAWING : BASEMENT FLOOR LIGHTING SYSTEM

DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
CHECKED: DIAMOND STAFF		SCALE: 1/100

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E102

Rev.: 1



NOTES :

1- Wiring shall be carried out using N2XY 3x2.5 mm2 cable unless otherwise indicated

2- Height for all sockets = 40 cm F.F.L. unless otherwise mentioned.

POWER SYSTEM	
	DISTRIBUTION BOARD
	NORMAL POWER OUTLET
	SINGLE UPS POWER OUTLET
	DOUBLE UPS POWER OUTLET
	FOURTH UPS POWER OUTLET
	DOUBLE NORMAL POWER OUTLET
	NORMAL POWER OUTLET WITH IP55 MODULAR SUPPORT FRAME
	MODULAR FLUSH FLOOR SERVICE OUTLET BOX 300x200x80mm, 3 COMPARTMENT SERVICE BOX EQUIPPED WITH:– – 13A DOUBLE SOCKET OUTLET FOR UPS – 13A DOUBLE SOCKET OUTLET FOR NORMAL POWER – DOUBLE RJ45 DATA SOCKET OUTLET – DOUBLE RJ45 TELEPHONE SOCKET OUTLET COVERS, FIXING DEVICES... ETC. INCLUDED
	AC Outlet at High Level
	Thermostat (With On–Off Switch)
	HDMI socket

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

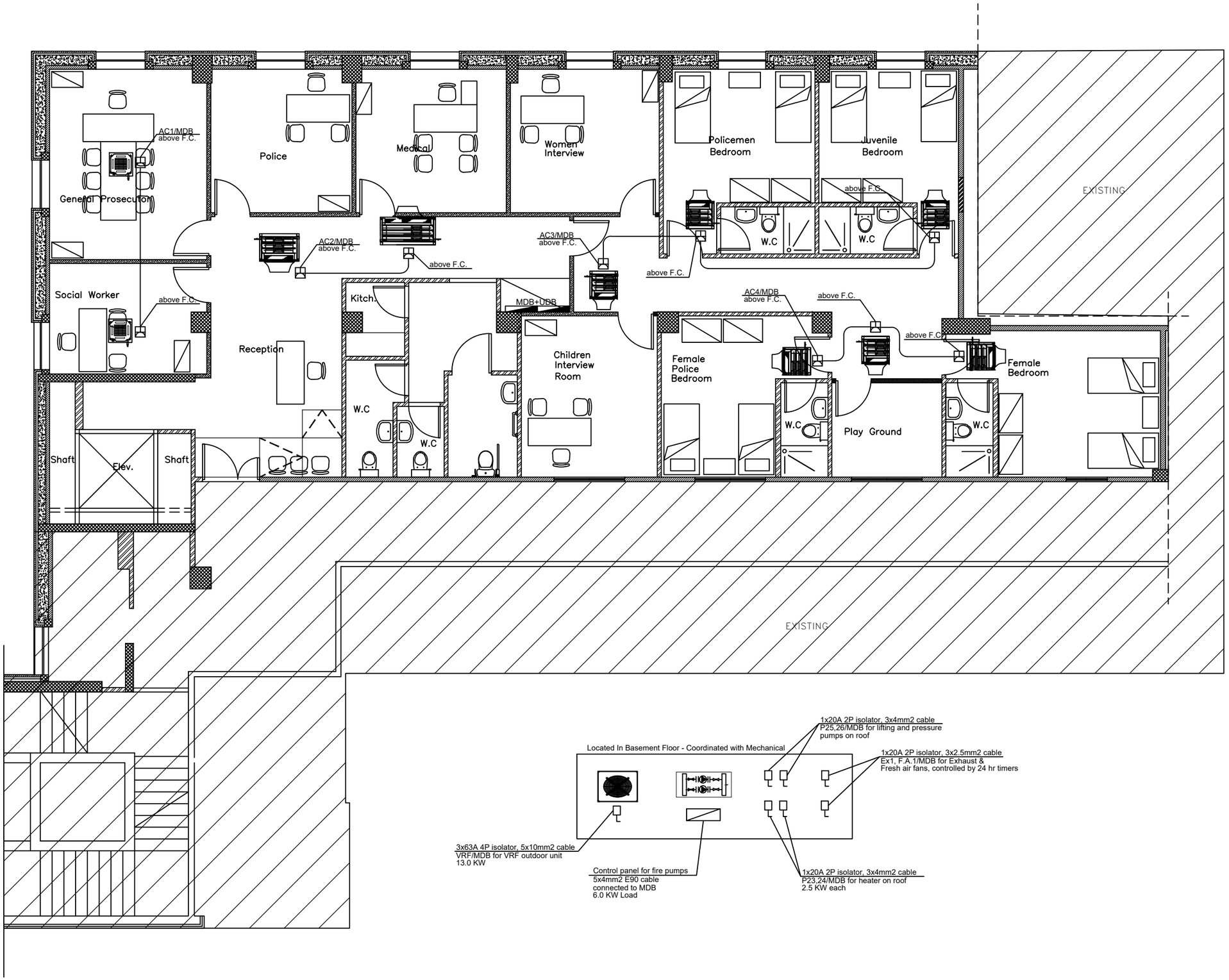
DRAWING : POWER & UPS SYSTEMS

DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
CHECKED: DIAMOND STAFF		SCALE: 1/100

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E201

Rev.: 1



NOTES :

1- Wiring shall be carried out using N2XY 3x2.5 mm2 cable unless otherwise indicated

2- Height for all sockets = 40 cm F.F.L. unless otherwise mentioned.

	POWER SYSTEM
	DISTRIBUTION BOARD
	NORMAL POWER OUTLET
	SINGLE UPS POWER OUTLET
	DOUBLE UPS POWER OUTLET
	FOURTH UPS POWER OUTLET
	DOUBLE NORMAL POWER OUTLET
	NORMAL POWER OUTLET WITH IP55 MODULAR SUPPORT FRAME
	MODULAR FLUSH FLOOR SERVICE OUTLET BOX 300x200x80mm, 3 COMPARTMENT SERVICE BOX EQUIPPED WITH:– – 13A DOUBLE SOCKET OUTLET FOR UPS – 13A DOUBLE SOCKET OUTLET FOR NORMAL POWER – DOUBLE RJ45 DATA SOCKET OUTLET – DOUBLE RJ45 TELEPHONE SOCKET OUTLET COVERS, FIXING DEVICES... ETC. INCLUDED
	AC Outlet at High Level
	Thermostat (With On–Off Switch)
	HDMI socket

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

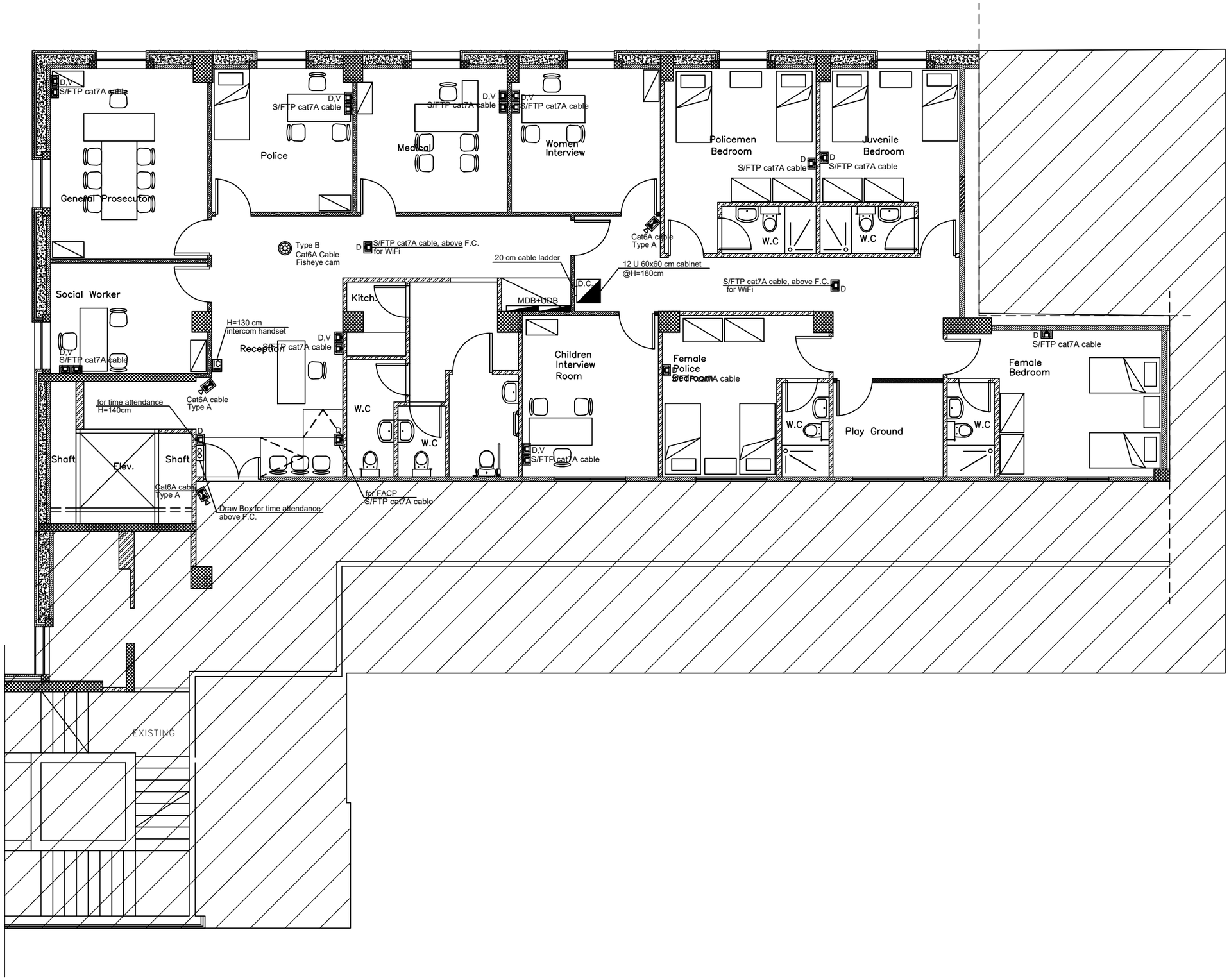
DRAWING : ELECTROMECHANICAL PLAN

	DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
	CHECKED: DIAMOND STAFF		SCALE: 1/100

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E202

Rev.: 1



NOTES :

1- S/FTP cat7A shall be installed for each Data and voice outlets connected back to Data cabinet

2- Telephone cable shall be of different color than data cable

3- Height for all sockets = 40 cm F.F.L. unless otherwise mentioned.

4- D: Data Outlet, V: Voice Outlet

5- Cameras should have special data point and cat6A S/FTP data cabl connected back to Data cabinet

IT & TELECOMMUNICATION SYSTEMS	
▼	RJ45 S/FTP CAT7A TELEPHONE SOCKET
	RJ45 S/FTP CAT7A DATA SOCKET
	MODULAR FLUSH FLOOR SERVICE OUTLET BOX 300x200x80mm, 3 COMPARTMENT SERVICE BOX EQUIPPED WITH:– – 13A DOUBLE SOCKET OUTLET FOR UPS – 13A DOUBLE SOCKET OUTLET FOR NORMAL POWER – DOUBLE RJ45 DATA SOCKET OUTLET – DOUBLE RJ45 TELEPHONE SOCKET OUTLET COVERS, FIXING DEVICES... ETC. INCLUDED
	DATA CABIENT BOX
	30cm CABLE LADDER
C	INTERCOM HANDSET
	INTERCOM OUTDOOR UNIT

CCTV Legend:

- Type A: Full HD, 5Mp @30 fps, IR, automatic varifocal 2.8-10 mm Lens. color wide dynamic indoor dome camera

- Type B: IP indoor dome color camera, IR and 5MP resolution, Panoramic camera with view angle 360°, 1.19mm fixed focus lens F2.0 Lens.

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

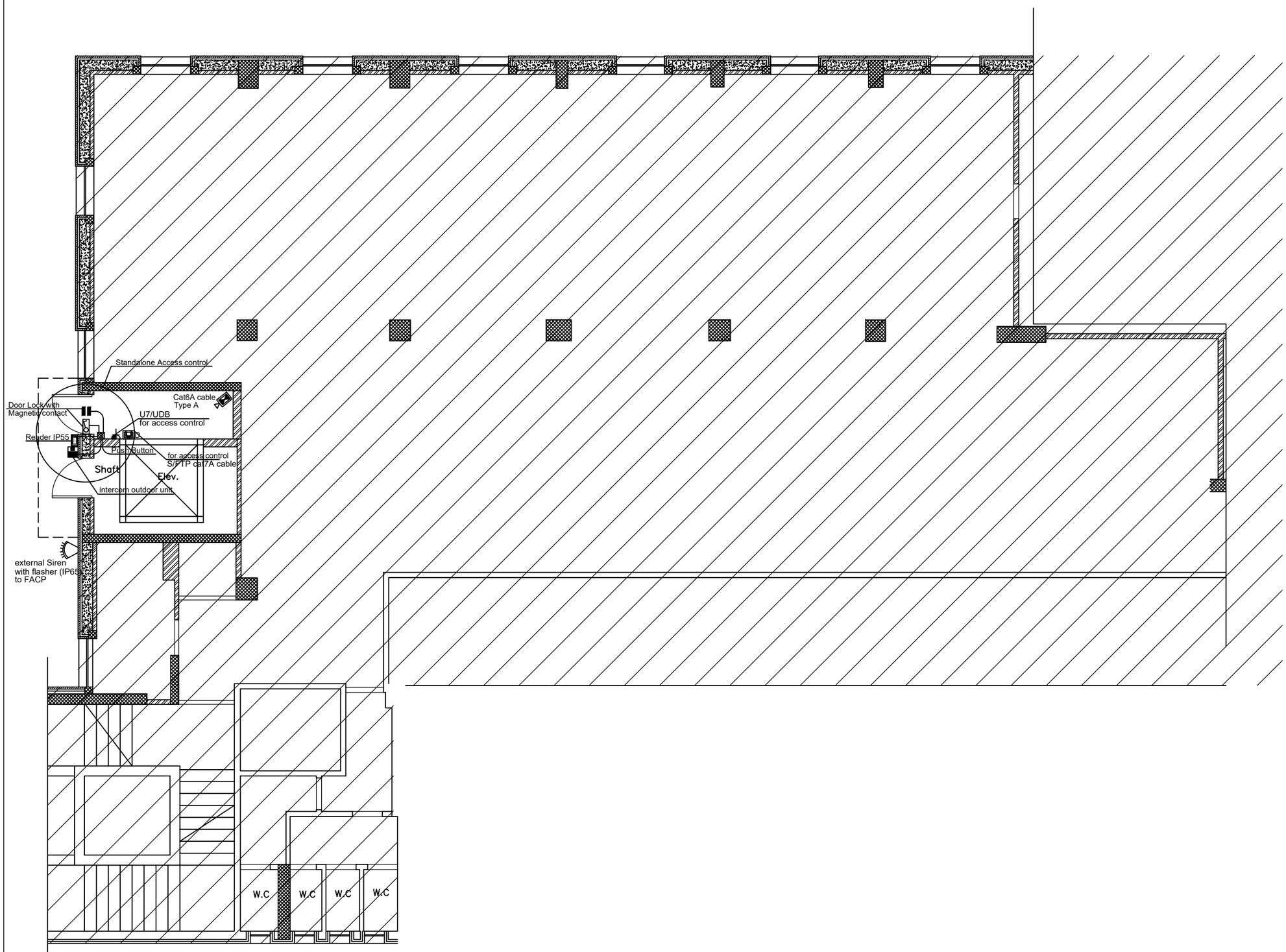
DRAWING : SECOND FLOOR IT & LOW CURRENT SYSTEMS

	DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
	CHECKED: DIAMOND STAFF		SCALE: 1/100

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E301

Rev.: 1



NOTES :

1- S/FTP cat7A shall be installed for each Data and voice outlets connected back to Data cabinet

2- Telephone cable shall be of different color than data cable

3- Height for all sockets = 40 cm F.F.L. unless otherwise mentioned.

4- D: Data Outlet, V: Voice Outlet

5- Cameras should have special data point and cat6A S/FTP data cabl connected back to Data cabinet

IT & TELECOMMUNICATION SYSTEMS	
▼	RJ45 CAT 7A TELEPHONE SOCKET
	RJ45 CAT 7 A DATA SOCKET
	MODULAR FLUSH FLOOR SERVICE OUTLET BOX 300x200x80mm, 3 COMPARTMENT SERVICE BOX EQUIPPED WITH:- – 13A DOUBLE SOCKET OUTLET FOR UPS – 13A DOUBLE SOCKET OUTLET FOR NORMAL POWER – DOUBLE RJ45 DATA SOCKET OUTLET – DOUBLE RJ45 TELEPHONE SOCKET OUTLET COVERS, FIXING DEVICES... ETC. INCLUDED
	DATA CABIENT BOX
	30cm CABLE LADDER
	INTERCOM HANDSET
	INTERCOM OUTDOOR UNIT

CCTV Legend:

- Type A: Full HD, 5Mp @30 fps, IR, automatic varifocal 2.8-10 mm Lens. color wide dynamic indoor dome camera

- Type B: IP indoor dome color camera, IR and 5MP resolution, Panoramic camera with view angle 360°, 1.19mm fixed focus lens F2.0 Lens.

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : TENDER

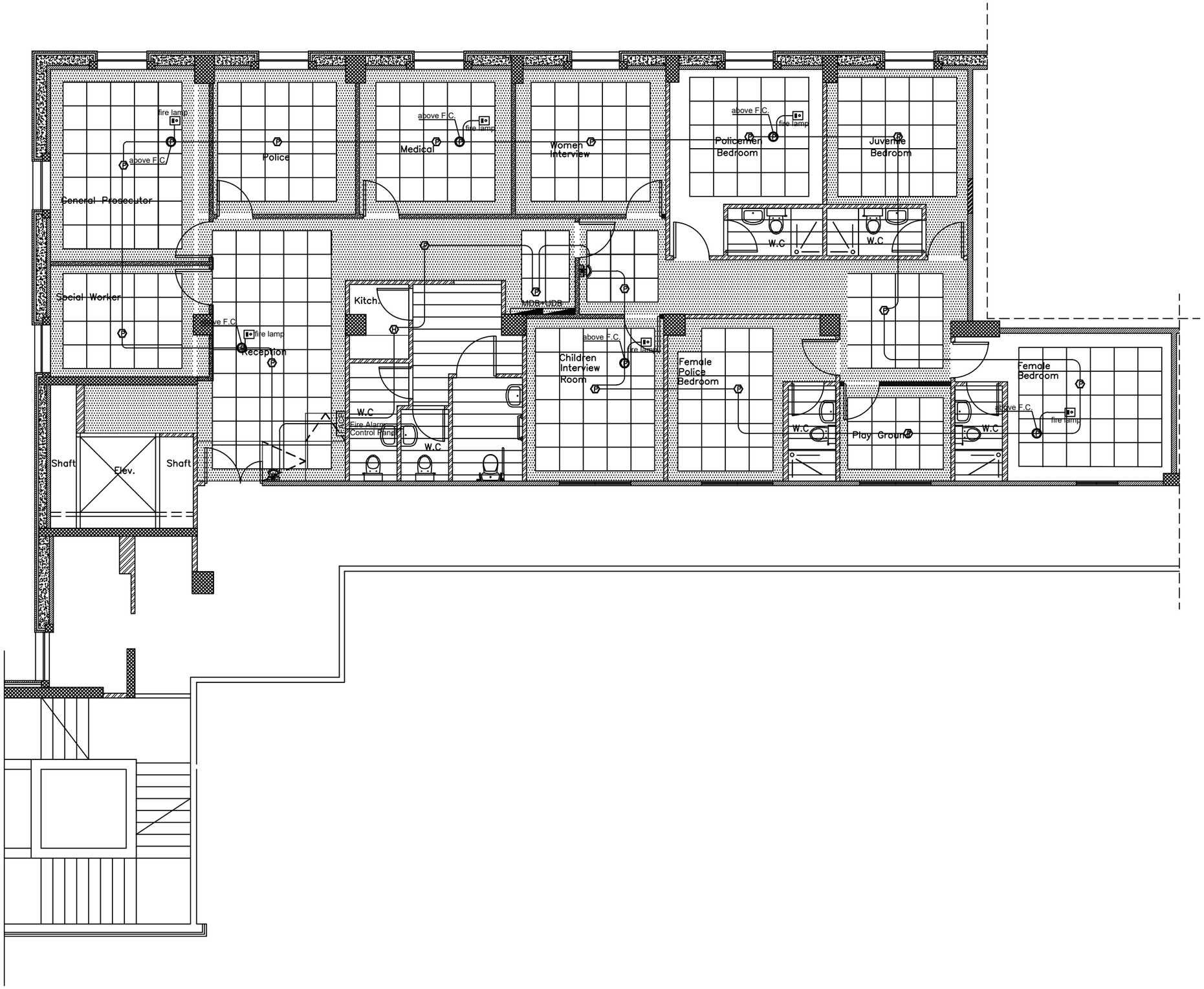
DRAWING : BASEMENT FLOOR IT & LOW CURRENT SYSTEMS

DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
CHECKED: DIAMOND STAFF		SCALE: 1/100

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E302

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NOTES :

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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NABLUS ONE STOP CENTER

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ISSUE : TENDER

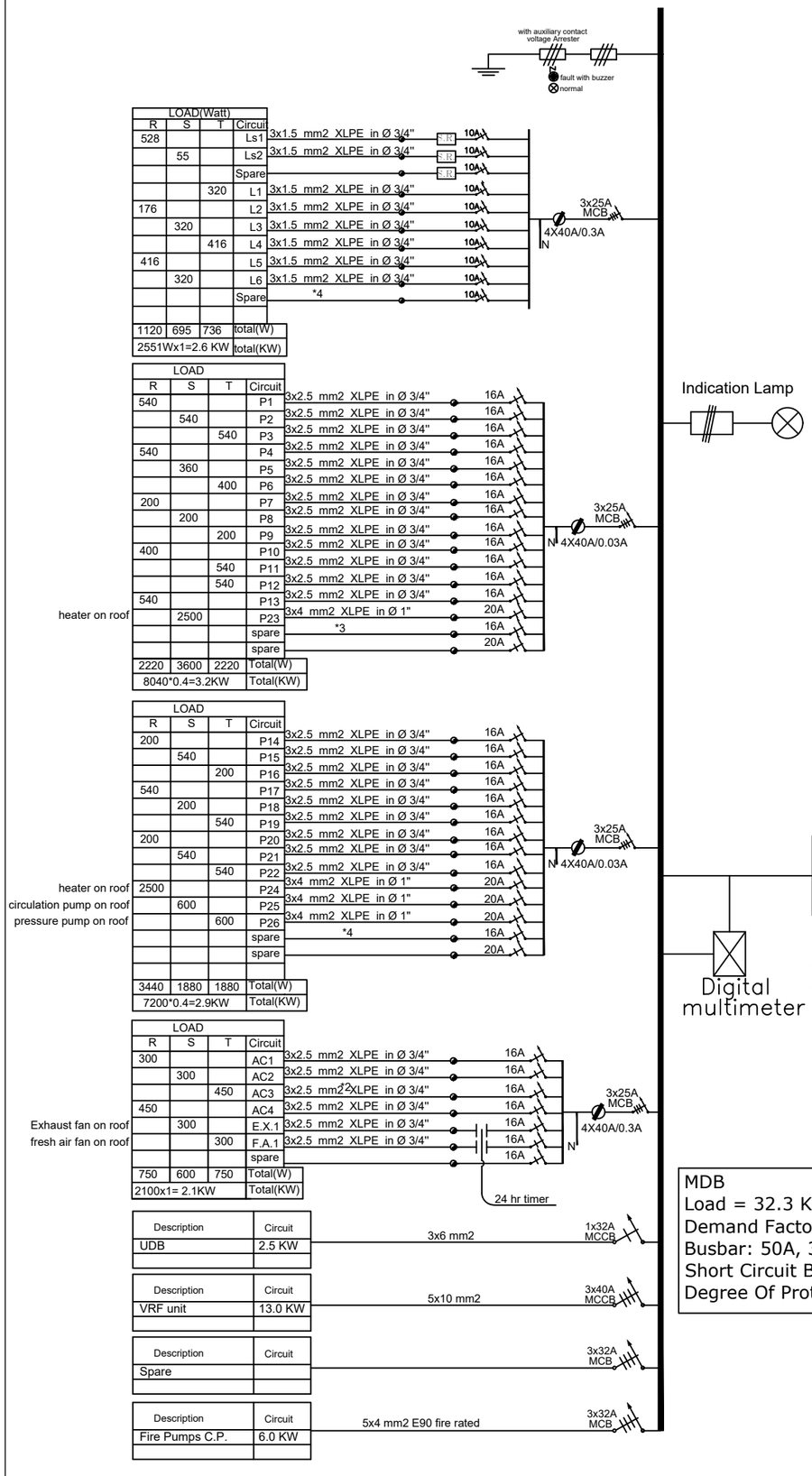
DRAWING : FIRE ALARM SYSTEM PLAN

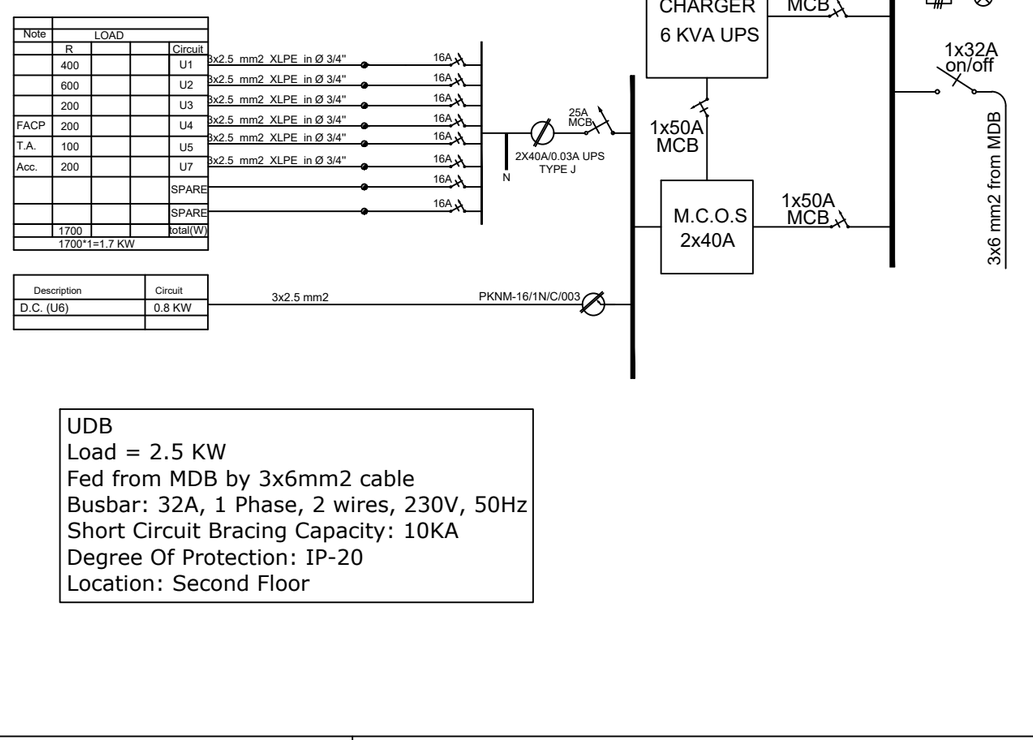
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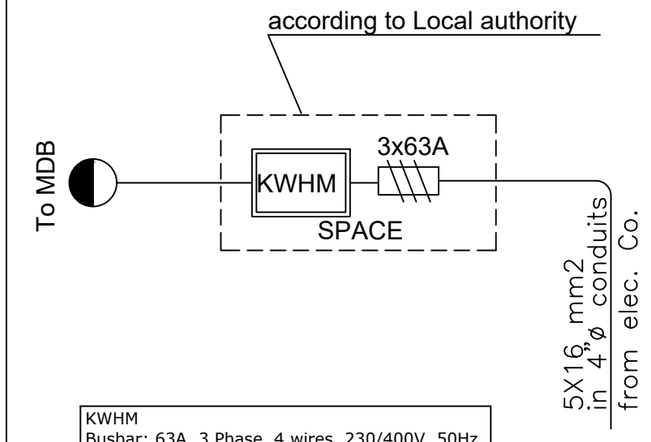
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E401

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NOTES :

1. All MCB shall be 10KA according to IEC/EN60898
2. All MCCB shall be 25KA according to IEC/EN60898.
3. Painting with powder coating RAL 7032 .
4. all cable shall enter the distribution board through glands.
5. all wiring inside distribution board shall be through front trunking.

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NABLUS ONE STOP CENTER

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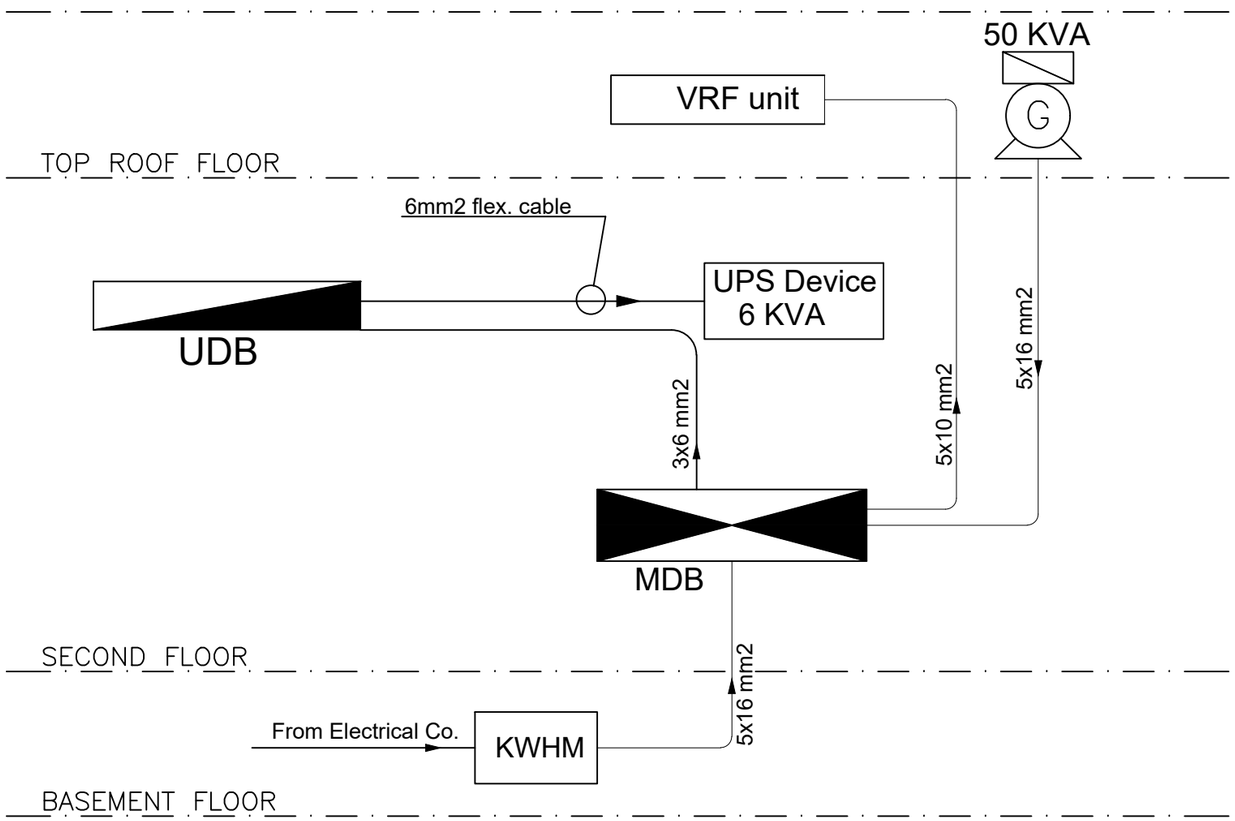
DRAWING : SINGLE LINE DIAGRAMS

DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
CHECKED: DIAMOND STAFF		SCALE: N.T.S.

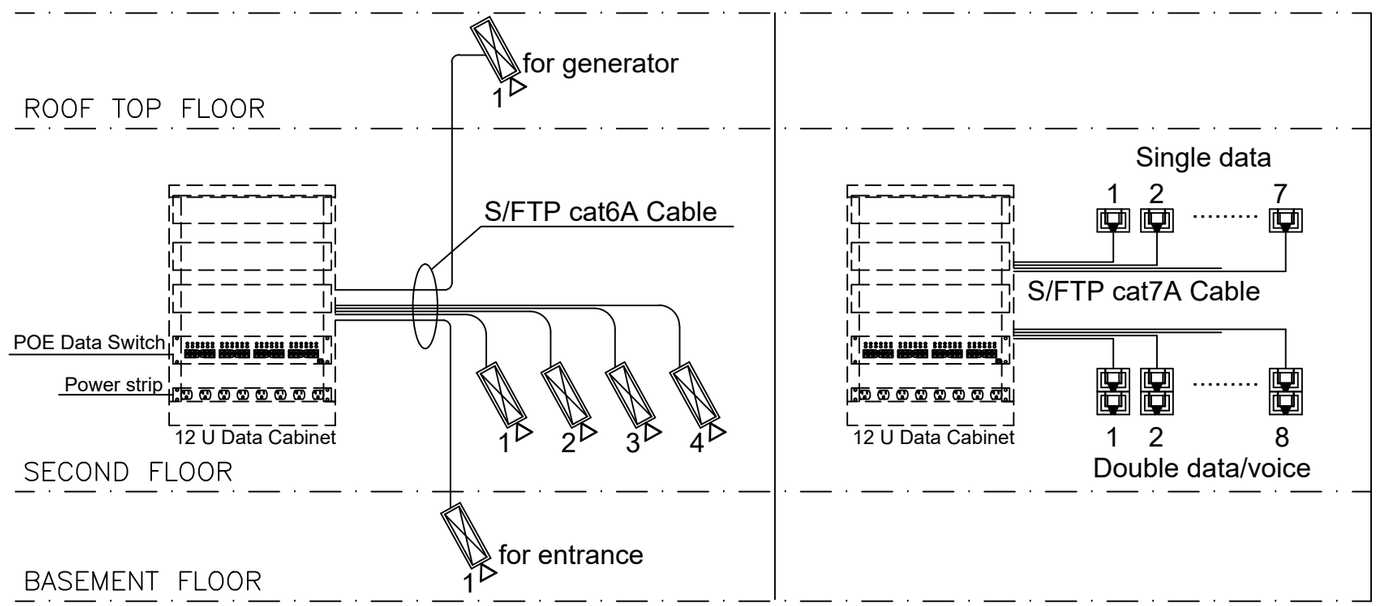
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E501

Rev.: 1



Distribution Boards Riser Diagram



Camera points Riser Diagram

Data/Voice points Riser Diagram

NOTES :

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NABLUS ONE STOP CENTER

PROJECT No. :

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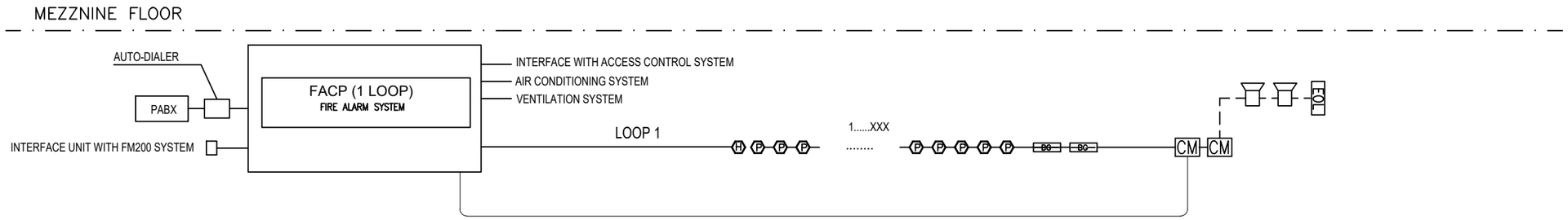
DRAWING : ELECTRICAL RISER DIAGRAM – 1

DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
CHECKED: DIAMOND STAFF		SCALE: N.T.S.

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E502

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FIRE ALARM RISER DIAGRAM

FIRE ALARM SYSTEM NOTES

1. THE FIRE ALARM RISER SHOWN IN THE SCHEMATIC DRAWING ABOVE IS FOR GUIDANCE ONLY. CONTRACTORSHALL SUBMIT DETAILED WORKSHOP DRAWING FOR THE SCHEMATIC RISER DIAGRAM OF ANALOGUE ADDRESSABLE TYPE FIRE ALARM SYSTEM COMPLETE IN LINE WITH THE DRAWINGS AND SPECIFICATIONS AND FULLY COORDINATED WITH MECHANICAL DRAWINGS/REQUIREMENTS TO THE APPROVAL OF CIVIL DEFENSE AND ENGINEER ON SITE.

2. THE ARRANGEMENT NUMBER OF LOOPS AND ARRANGEMENT OF SOUNDERS IN THIS DRAWINGS IS ONLY FOR GUIDANCE. LESS/MORE NUMBER OF LOOPS AND WHETHER PROVIDING SOUNDERS WITHIN LOOPS OR NOT, SHALL BE ACCEPTED TO THE APPROVAL OF ENGINEER ON SITE.

3. SPARE CAPACITY (15%-20%) SHOULD BE CONSIDERED IN EACH LOOP TO THE APPROVAL OF CIVIL DEFENSE AUTHORITY AND ENGINEER ON SITE.

4. LINE ISOLATOR SHALL BE INSTALLED EVERY 20 DEVICES FOR EACH LOOP, AT THE BEGINNING OF EACH FLOOR, AT THE BEGINNING OF EACH LOOP AND AT THE END OF EACH LOOP.

5. SIZE OF LOOP WIRES SHALL BE 2X1.5 MM2 AND SOUNDER WIRES 2X2.5 MM2 OF FIRE RESISTANT CABLE.

6. ALL DETECTORS INSTALLED ABOVE FALSE CEILING OR BELOW RAISED FLOOR SHOULD HAVE AN INDICATION LED SHOWING THEIR STATUS

NOTES :

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :

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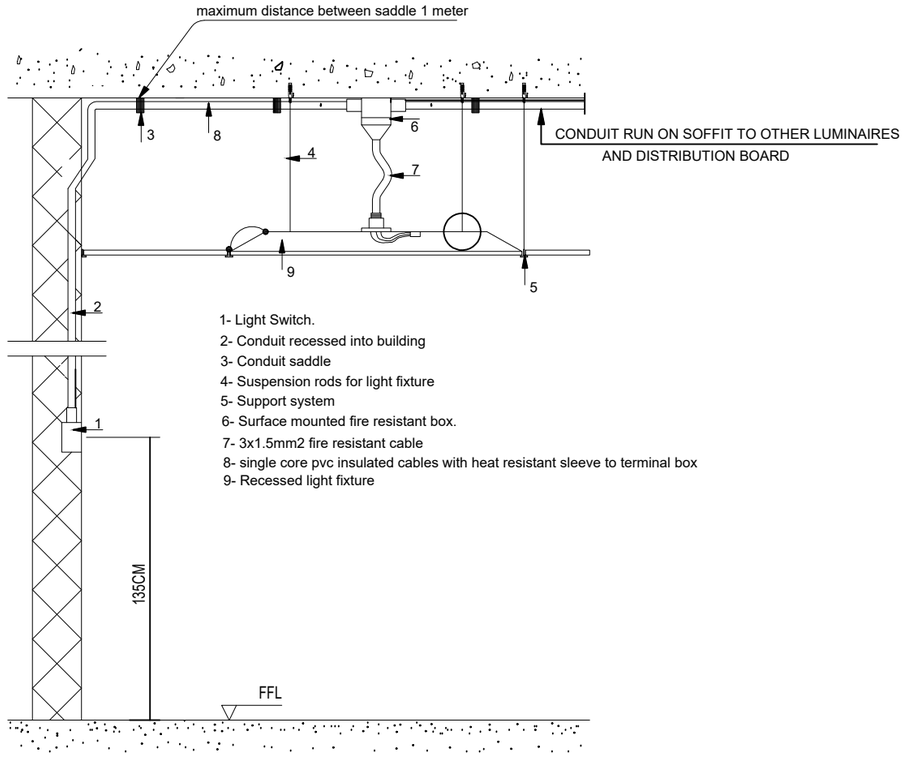
DRAWING : ELECTRICAL RISER DIAGRAM – 2

DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF	DATE: JUNE, 2021
CHECKED: DIAMOND STAFF		SCALE: N.T.S.

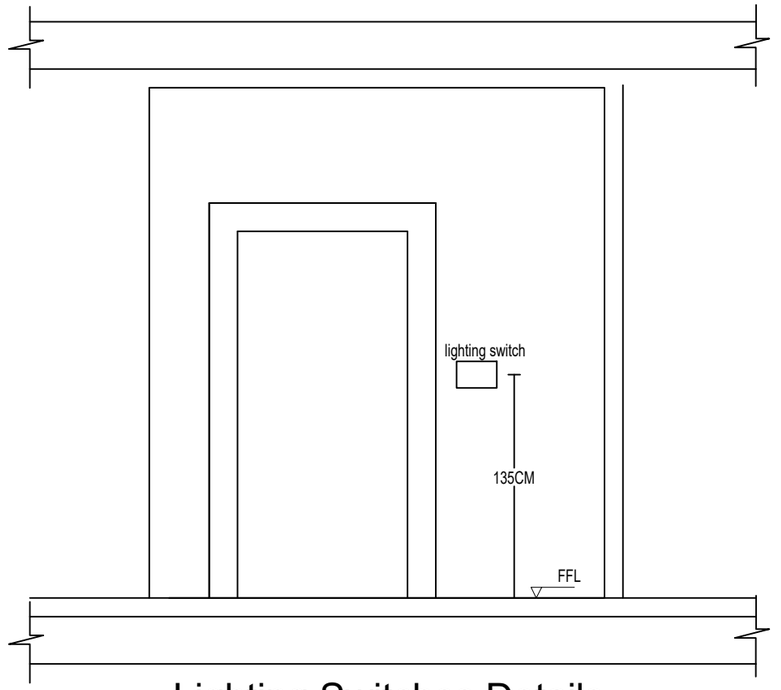
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E503

Rev.: 1



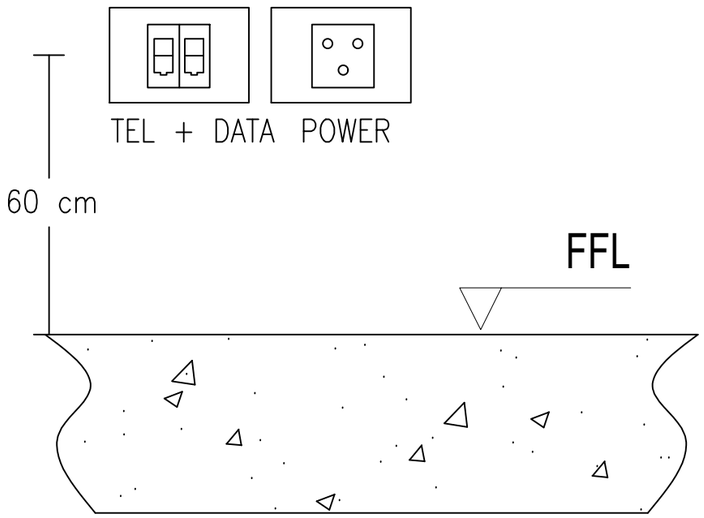
60x60cm LIGHTING FIXTURES FIXATION



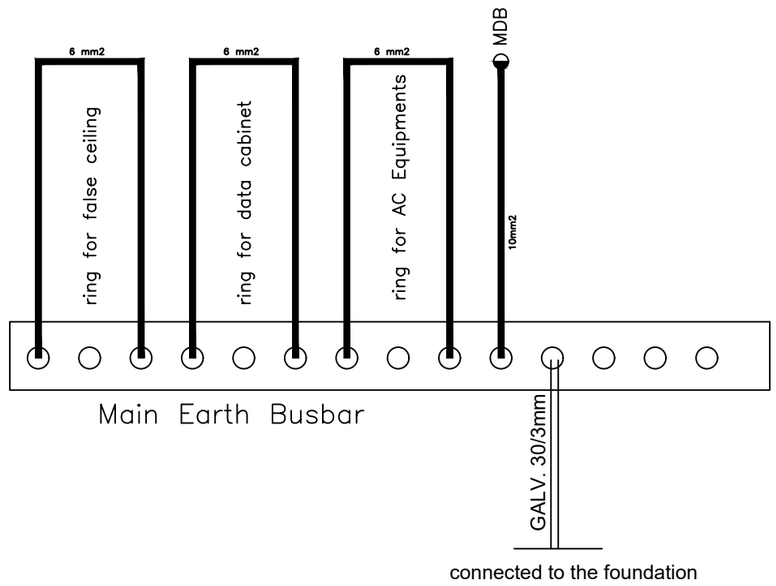
Lighting Switches Details

NOTES :

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Sockets Details



Earthing System Block Diagram

UN WOMEN

NABLUS ONE STOP CENTER

PROJECT No. :	
ISSUE : TENDER	
DRAWING :	ELECTRICAL GENERAL DETAILS
DRAWN : DIAMOND STAFF	APPROVED: DIAMOND STAFF
CHECKED: DIAMOND STAFF	DATE: JUNE, 2021
	SCALE: N.T.S.

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E504

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Materials	Symbols
2”PVC	
4”PVC	
2”PVC in section	
4”Floor Trape	
Hot Water Pipe	
Cold Water pipe	
Water Collector	
Water Riser	
Return Grille	
Supply 4 way Diffuser	
Maintenance Door	
Exhaust Grille	
Ducted Volume Damper	
Concealed Ducted VRV Unit	
4–Way Cassette VRF Unit	
Fresh Air Fan	
Exhaust Fan	

Drawing Number	Description
M00	Mechanical Symbols & Legend
M101	Ground Floor Sanitary System Plan
M102	Third Floor Sanitary System Plan
M201	Third Floor Water System Plan
M202	Roof Floor Water Tanks System Plan
M301	Third Floor Firefighting System Plan
M401	Third Floor Ventilation System Plan
M501	Third Floor Air Conditioning System Plan
M601	Third Floor Refrigerant Pipes System Plan
M602	Roof Floor HVAC Systems Plan
M701	Third Floor Reflected False Ceiling System Plan
M801	Schedules Of Equipments
M802	Water Riser Diagram
M901	Mechanical Details 1
M902	Mechanical Details 2

NOTES :

REVISION	DATE OF REVISION	INITIALS	REVISION DETAILS

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NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

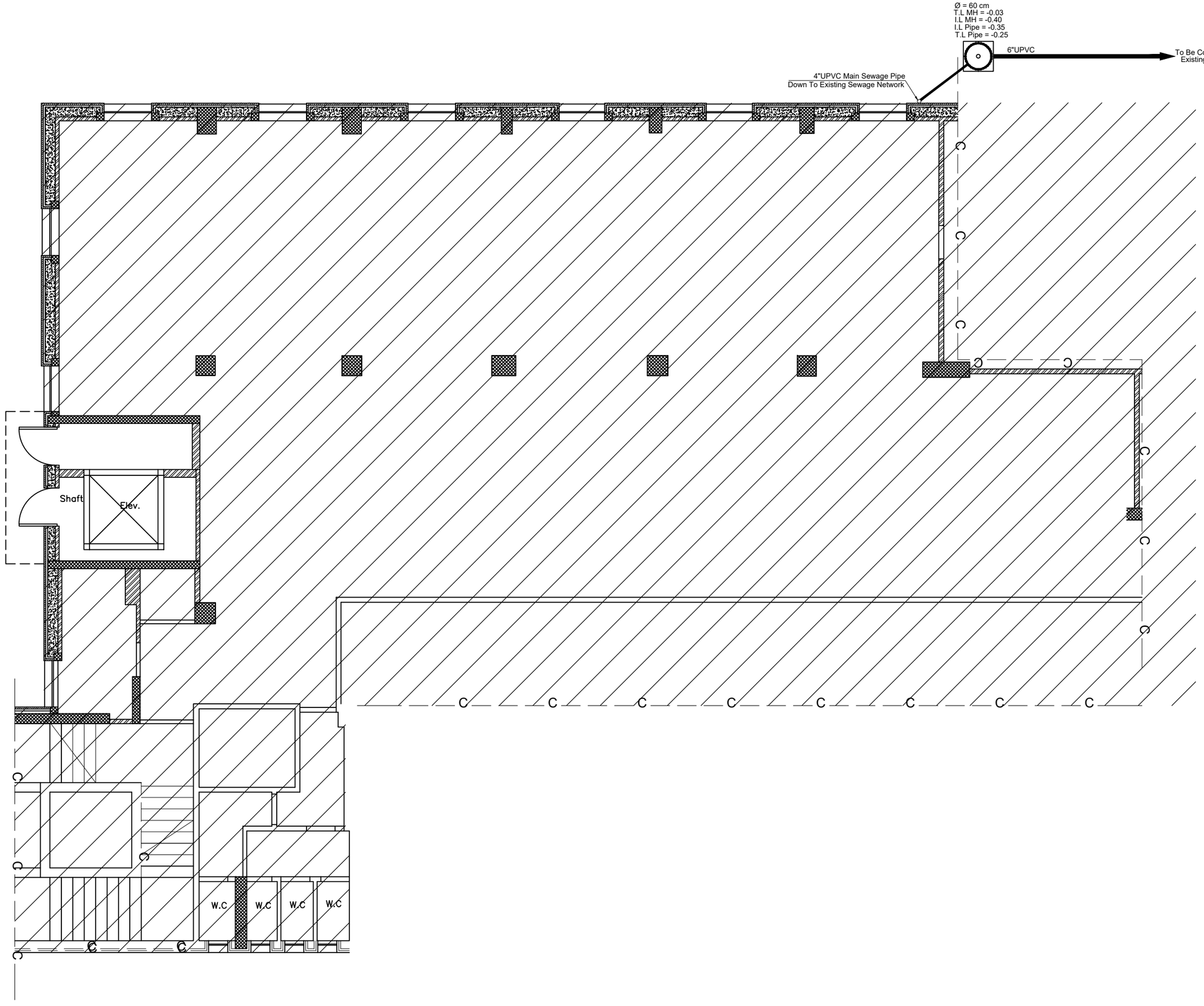
DRAWING : MECHANICAL SYMBOLS & LEGEND

DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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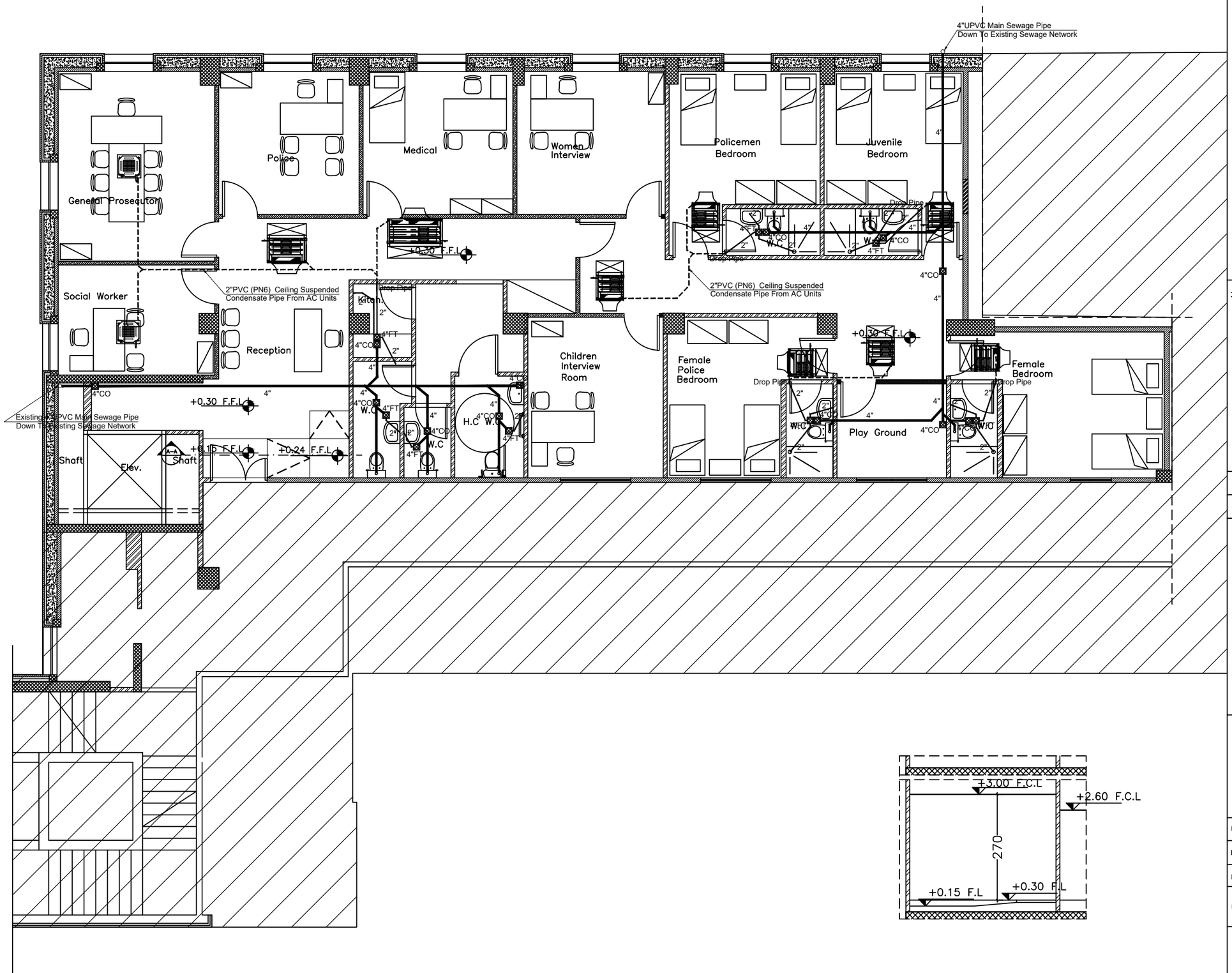
DRAWING : GROUND FLOOR SANITARY SYSTEM

	DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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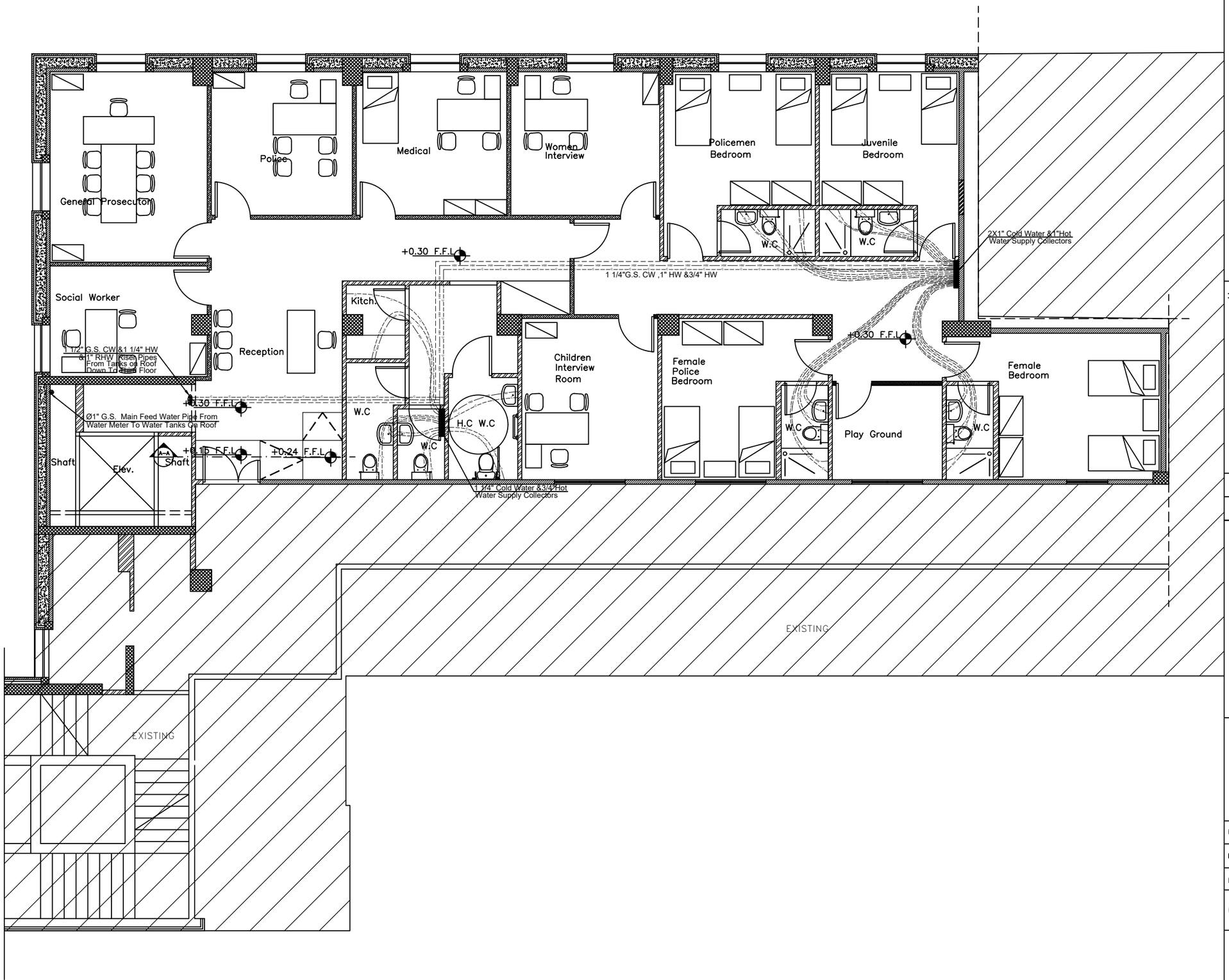
DRAWING : THIRD FLOOR SANITARY SYSTEM

DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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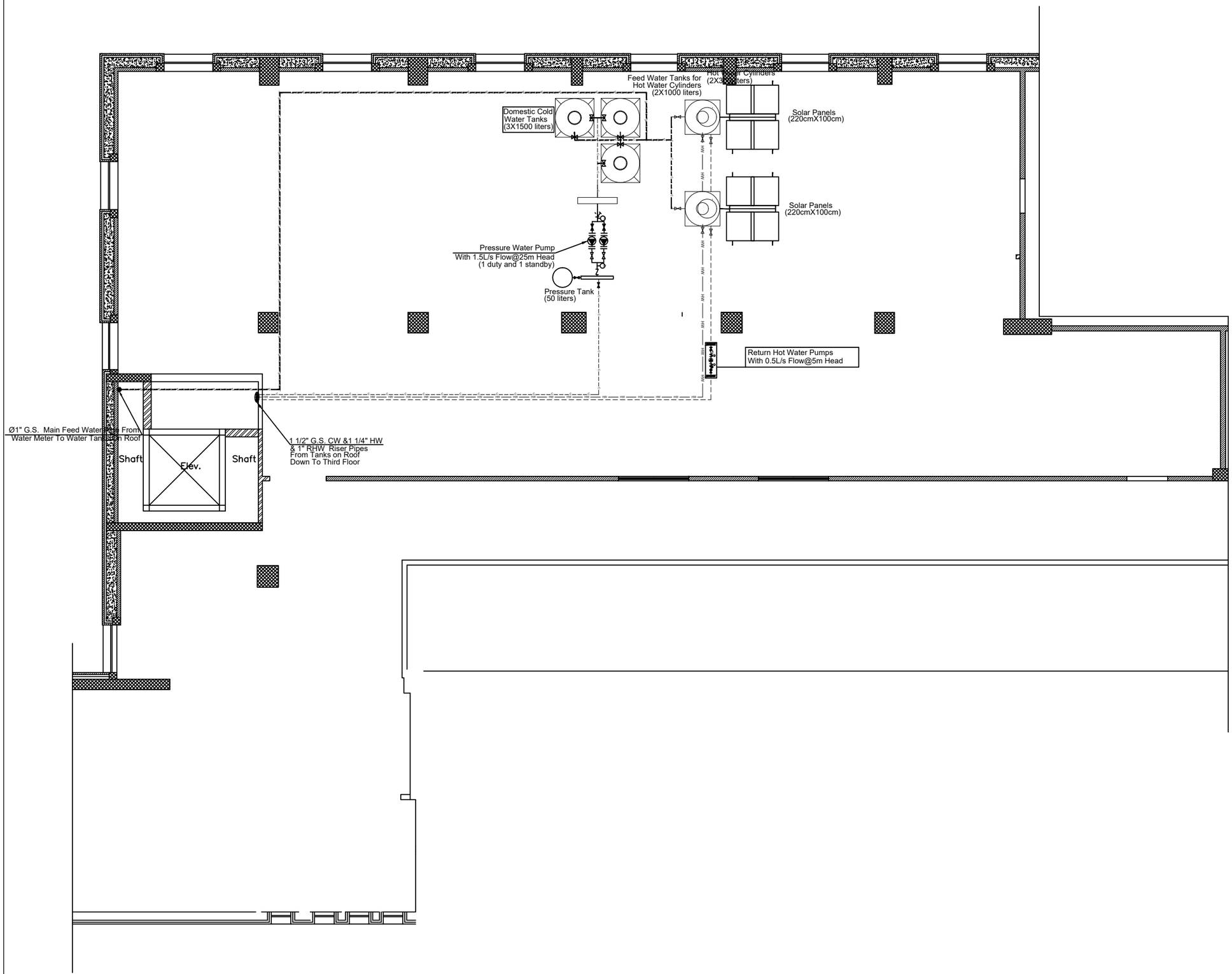
DRAWING : THIRD FLOOR WATER SYSTEM

	DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

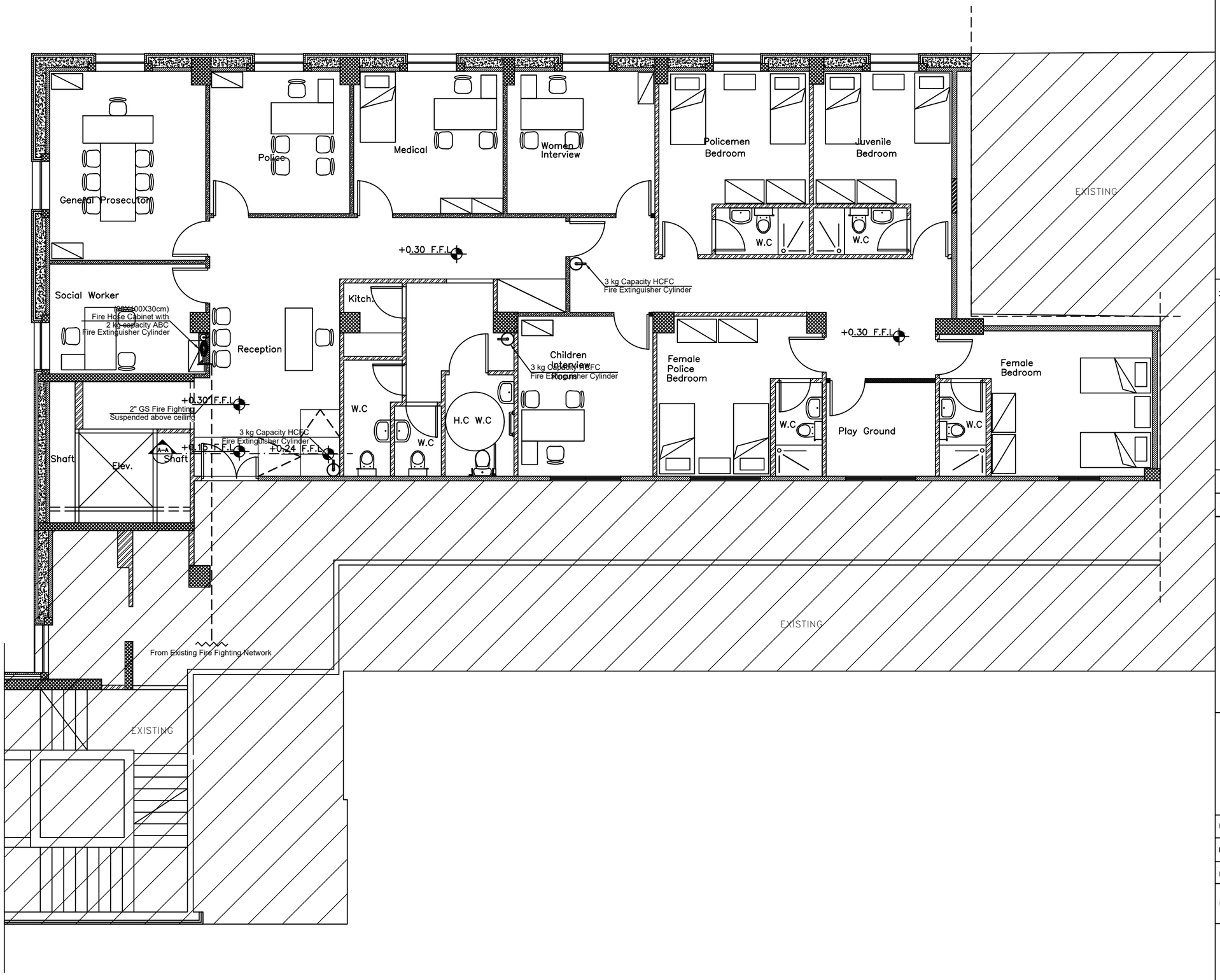
DRAWING : ROOF FLOOR WATER TANKS SYSTEM PLAN

	DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
	CHECKED: DIAMOND STAFF NO :	REF:	SCALE: 1/100

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PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

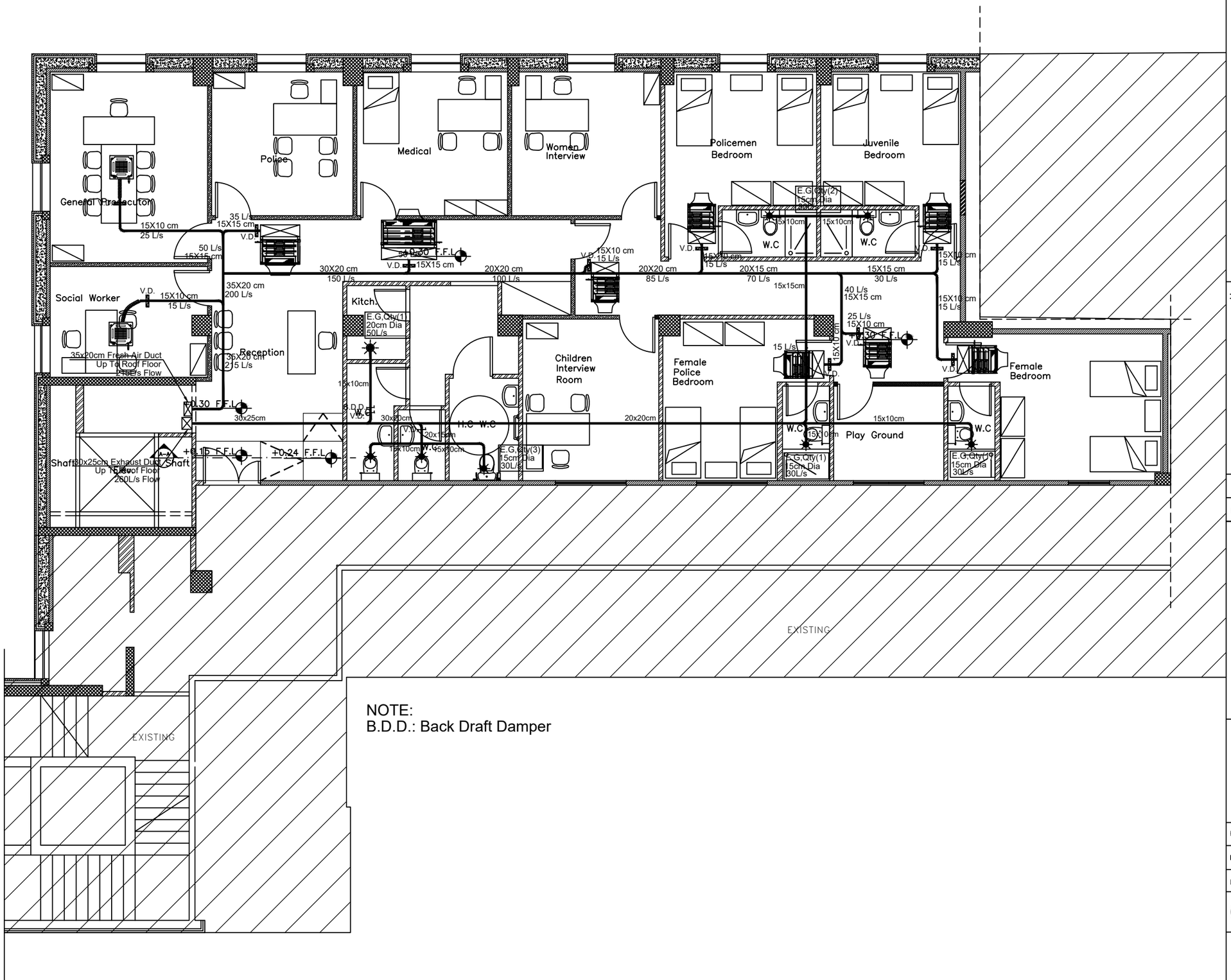
DRAWING : THIRD FLOOR FIREFIGHTING SYSTEM

DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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NOTE:
B.D.D.: Back Draft Damper

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PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

DRAWING : THIRD FLOOR VENTILATION SYSTEM

	DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

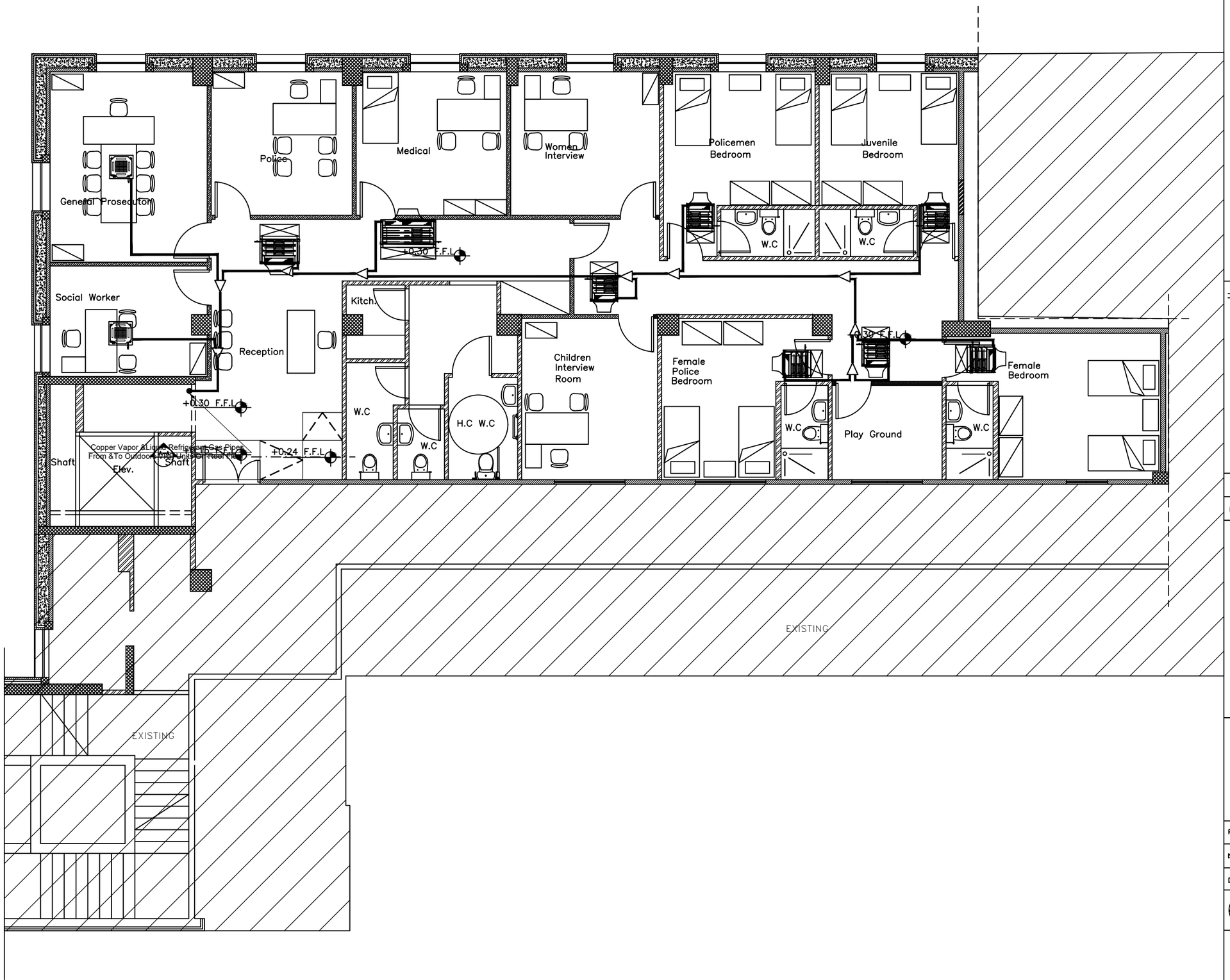
DRAWING : THIRD FLOOR AIR CONDITIONING SYSTEM

	DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
	CHECKED: DIAMOND STAFF NO :	REF:	SCALE: 1/100

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PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

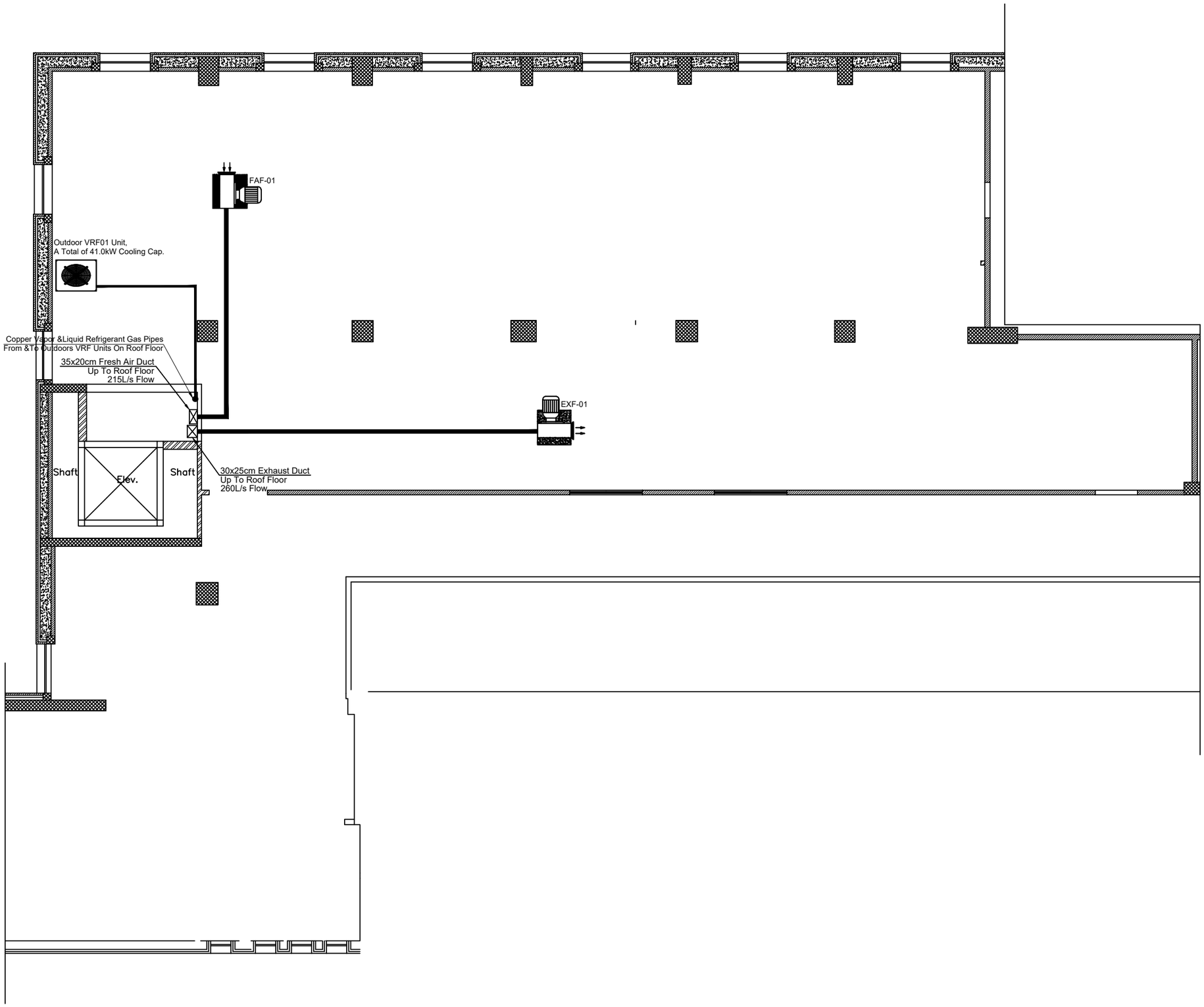
DRAWING : THIRD FLOOR REFRIGERANT PIPES SYSTEM

	DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

DRAWING : ROOF FLOOR HVAC SYSTEMS PLAN

	DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

DRAWING : THIRD FLOOR REFLECTED FALSE CEILING SYSTEM

DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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VRF INDOOR UNITS SCHEDULES

REF.	DESIGNATION	QTY	NOMINAL AIR FLOW (L/S)	TOTAL COOLING CAPACITY (Kw)	SENSIBLE COOLING CAPACITY (Kw)	HEATING CAPACITY (Kw)	EXTERNAL STATIC PRESSURE (Pa)	ELECTRICAL DATA		ENTERING AIR TEMP.		LEAVING AIR TEMP.		REMARKS
								POWER (WATT)	V / Hz / Ø	DB °C	WB °C	DB °C	WB °C	
IVRF-01	4-WAY CASSETTE UNIT	1	120	2.0	1.7	1.5	------	45	230/50/1	25.8	16.5	12.5	11.5	--------
IVRF-02	4-WAY CASSETTE UNIT	1	250	5.0	4.2	3.8	------	80	230/50/1	25.8	16.5	12.5	11.5	--------
IVRF-03	VRF INDOOR DUCTED UNIT	2	120	2.0	1.7	1.5	70	50	230/50/1	25.8	16.5	12.5	11.5	--------
IVRF-04	VRF INDOOR DUCTED UNIT	2	150	3.0	2.5	2.3	70	50	230/50/1	25.8	16.5	12.5	11.5	--------
IVRF-05	VRF INDOOR DUCTED UNIT	2	200	4.0	3.3	3.0	70	100	230/50/1	25.8	16.5	12.5	11.5	--------
IVRF-06	VRF INDOOR DUCTED UNIT	1	400	8.0	6.7	6.0	70	120	230/50/1	25.8	16.5	12.5	11.5	--------
IVRF-07	VRF INDOOR DUCTED UNIT	1	600	12.0	10.0	9.0	120	200	230/50/1	25.8	16.5	12.5	11.5	--------

DESIGN CONDITIONS:

*INDOOR DESIGN TEMPERATURE = 22°C @ 50% Relative Humidity
*OUTDOOR SUMMER DESIGN TEMPERATURE = 38°C @ 50% Relative Humidity
*AIR FLOWS ABOVE ARE BASED ON MEDIUM FAN SPEED.

SLIM VRF OUTDOOR UNIT SCHEDULE

NAME	QTY	COOLING LOAD (Kw)	HEATING LOAD (Kw)	ESTIMATED INPUT POWER (kW)	Elec. Details V/Hz/Ph	SERVED AREA
OVRF01	1	41	33	13.0	400/50/3	THIRD FLOOR

Selection of outdoor units models shall be accomplished an company software & as approved of engineer .
The combination ratio shall be not more than 110 %maximum

FANS SCHEDULE

FAN #	SERVED AREA	STATIC PRESSURE (WG INCH)	LOCATION	AIR FLOW (L/S)	MOTOR DATA					TYPE	QTY	ON DUTY	STAND -BY
					(RPM)	VOLTS	W	ø	HZ				
EXF-01	KITCHEN &TOILETS /SECOND	0.35"	ROOF FLOOR	260	1450	220	300	1	50	CENTRIFUGAL TYPE	1	1	–
FAF-01	THIRD FLOOR	0.30"	ROOF FLOOR	215	1450	400	300	3	50	CENTRIFUGAL TYPE	1	1	–

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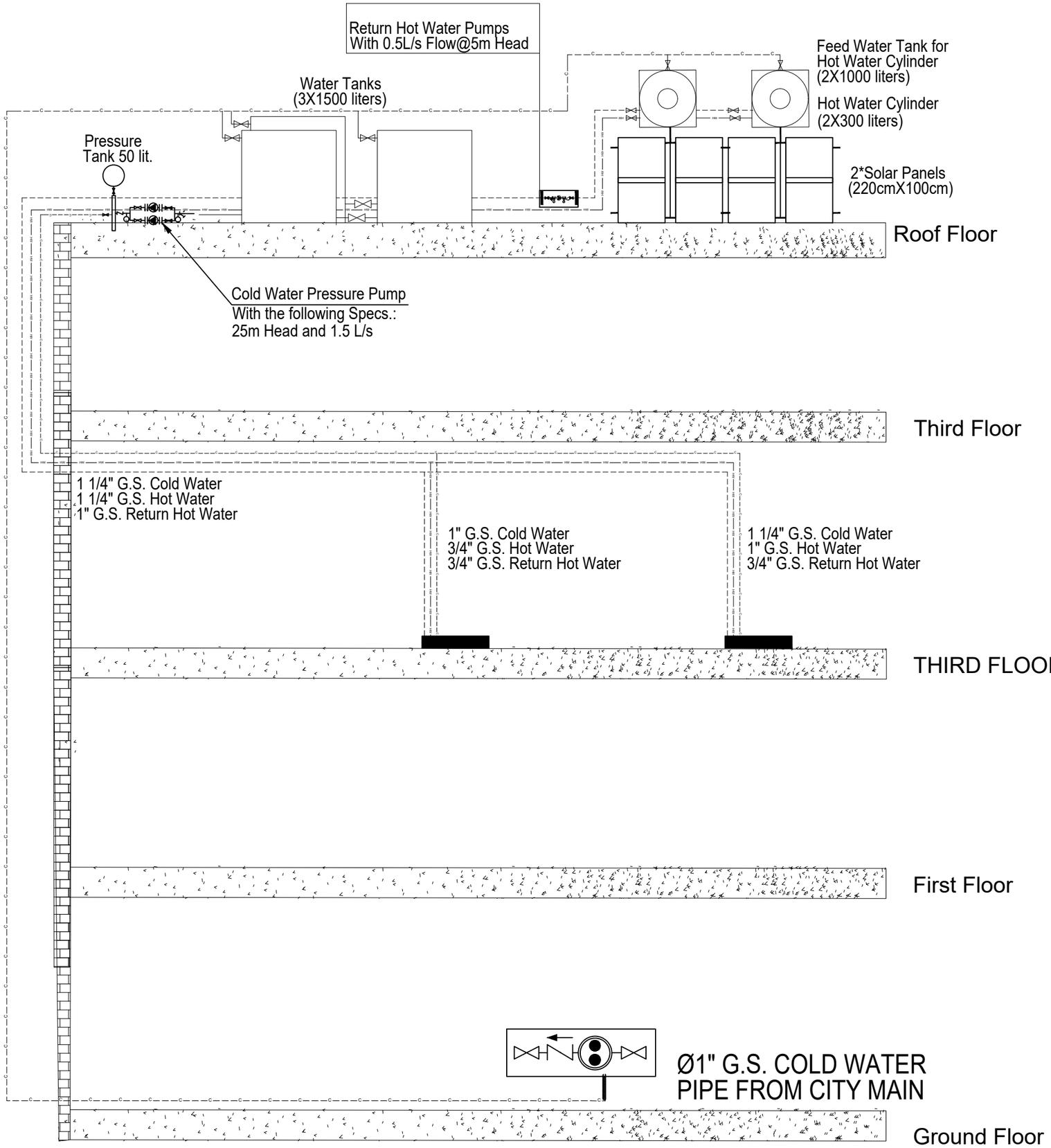
DRAWING : SCHEDULES OF EQUIPMENTS

DRAWN : DIAMOND STAFF NO :
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NOTES :

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NABLUS ONE STOP CENTER

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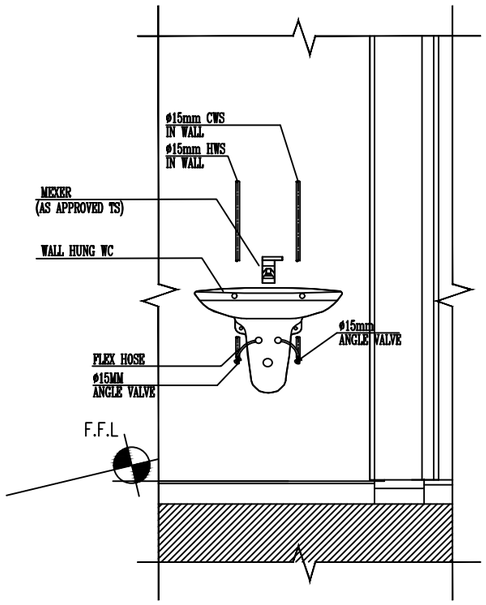
DRAWING : WATER RISER DIAGRAM

DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
CHECKED: DIAMOND STAFF NO :	REF:	SCALE: 1/100

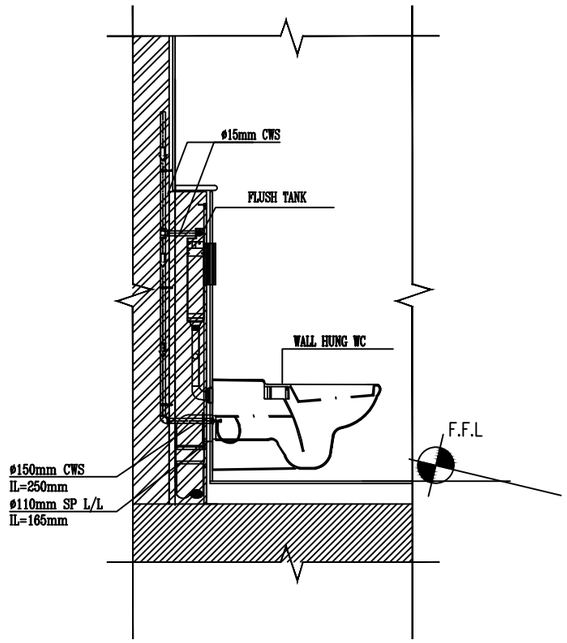
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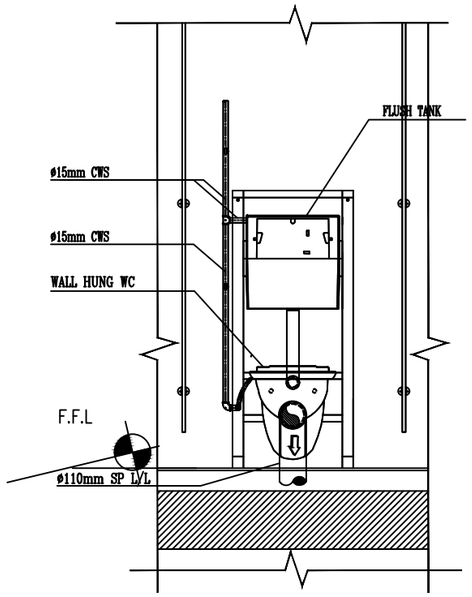
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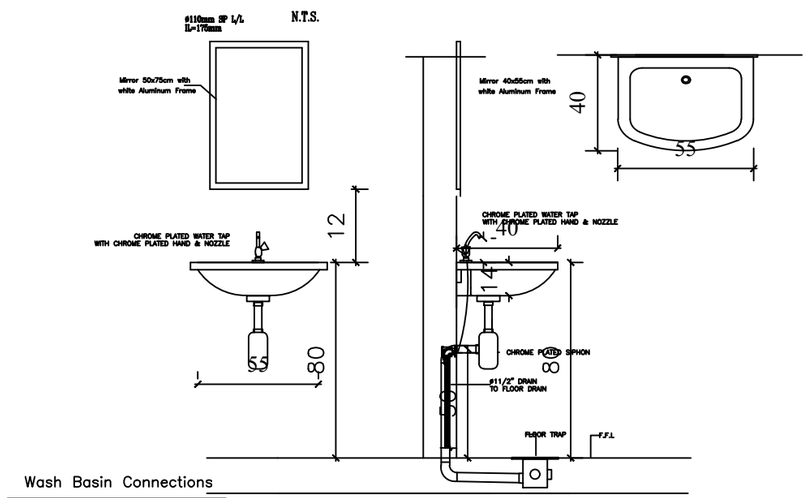


TYPICAL HANDICAP SINK INSTALLATION DETAIL
N.T.S.

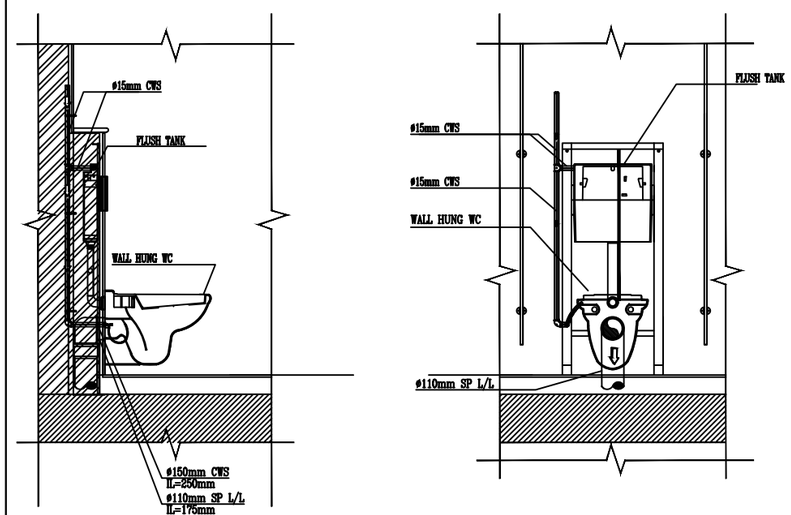




TYPICAL HANDICAP WC INSTALLATION DETAIL
N.T.S.



Wash Basin Connections



WC INSTALLATION DETAIL

NOTES :

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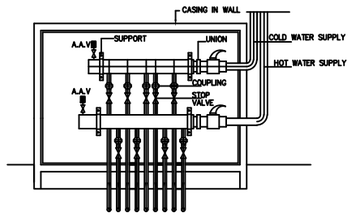
DRAWING : MECHANICAL DETAILS 1

DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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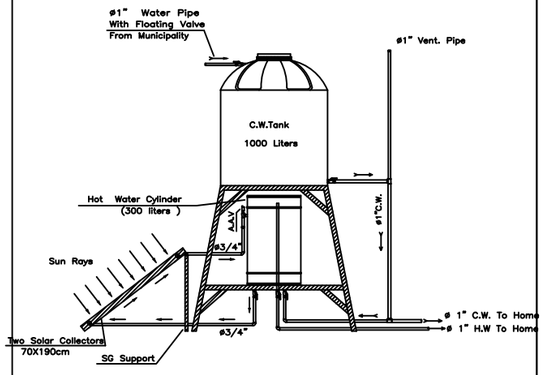
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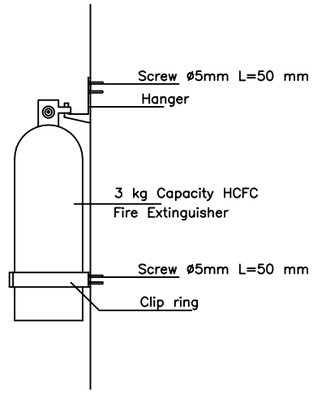


WATER CABINETS DETAIL

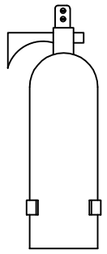


Typical Water Tanks and Pipes Network

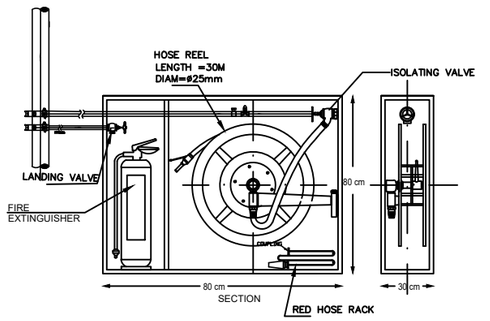
Fire Extinguisher Detail

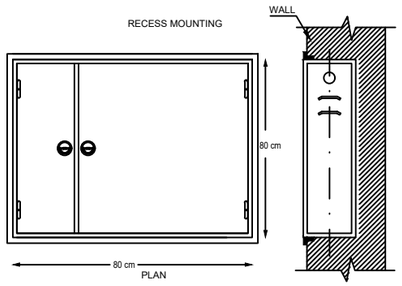


Side Elevation

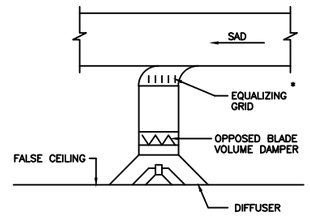


Front Elevation

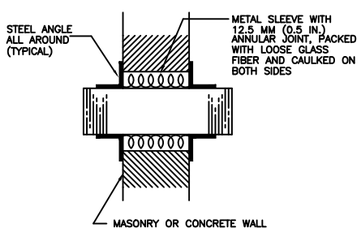




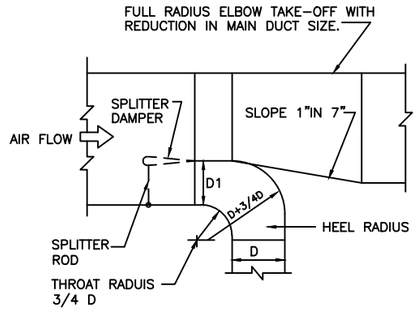
CABINET HOSE REEL DETAL

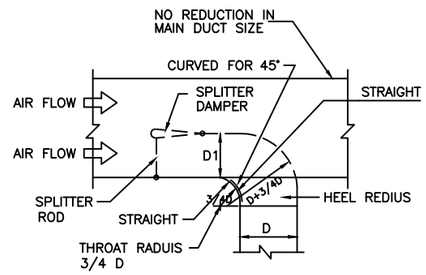


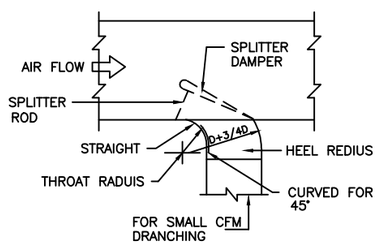
TYPICAL CEILING DIFFUSER MOUNTING DETAILS

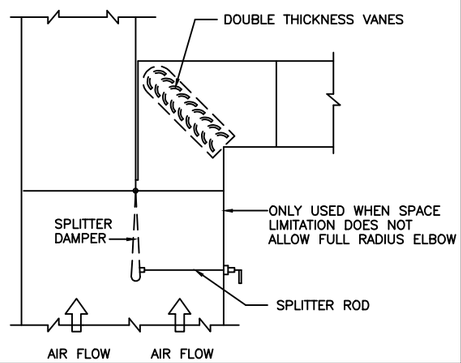


TYPICAL DUCT WALL PENETRATION









TYPICAL DUCTING TAKE – OFFS

NOTES :

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NABLUS ONE STOP CENTER

PROJECT No. :

ISSUE : DESIGN DEVELOPMENT

DRAWING : MECHANICAL DETAILS 2

DRAWN : DIAMOND STAFF NO :	APPROVED: DIAMOND STAFF NO. :	DATE: June, 2021
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