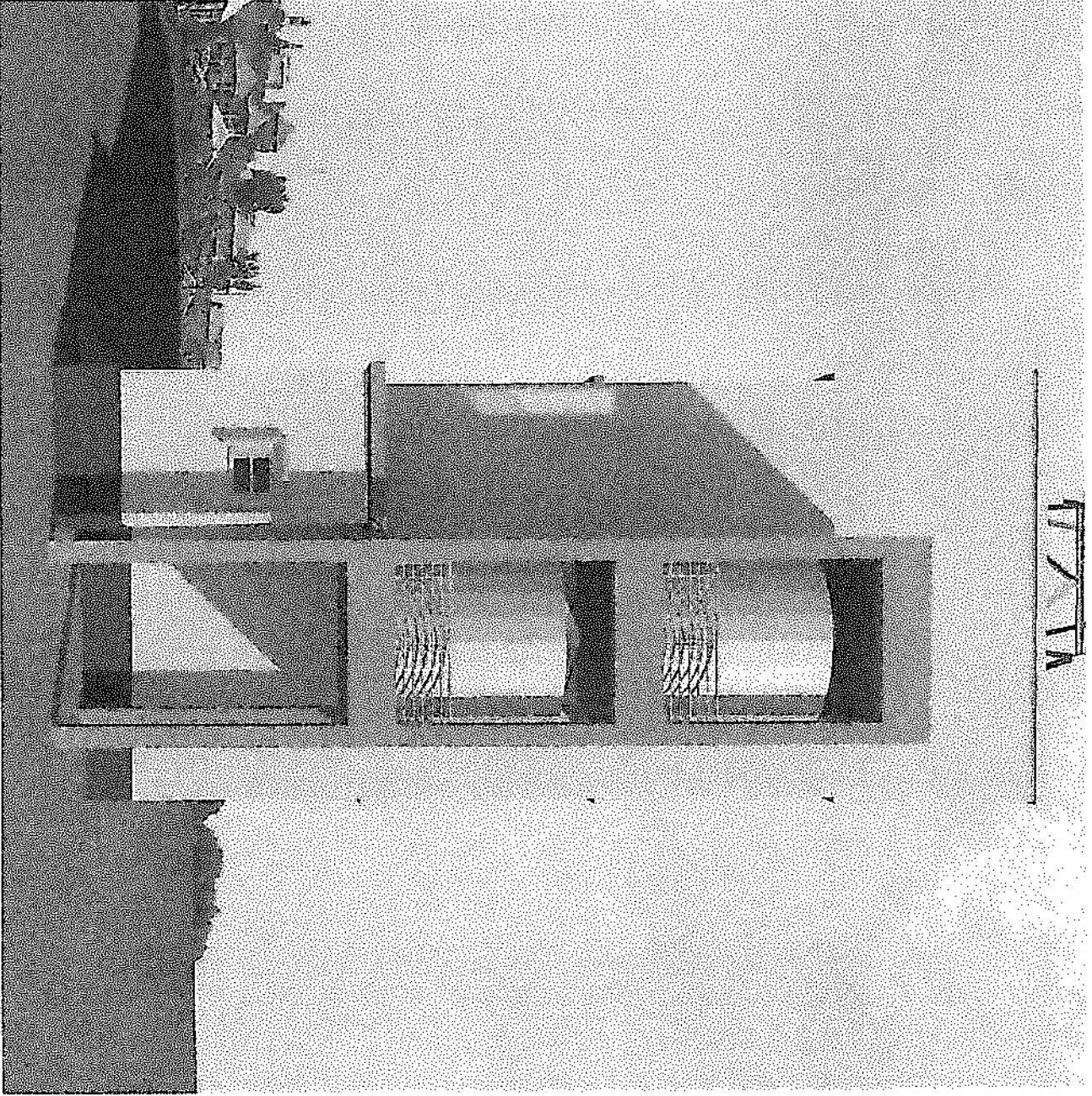


11/17/21



NOTE

- 1 All block wall sections shown
- 2 Clear is development and not be
- 3 All block wall sections shown

DESIGN CONSULTANT

By: [Signature]
Technical and Architectural design
Superintended by [Signature]
Checked by: [Signature]

PROJECT

PROPOSED RENOVATION
OF WEATHER STATION

Location

TOWER HILL
TOWNSHIP

CLIENT

UNDP

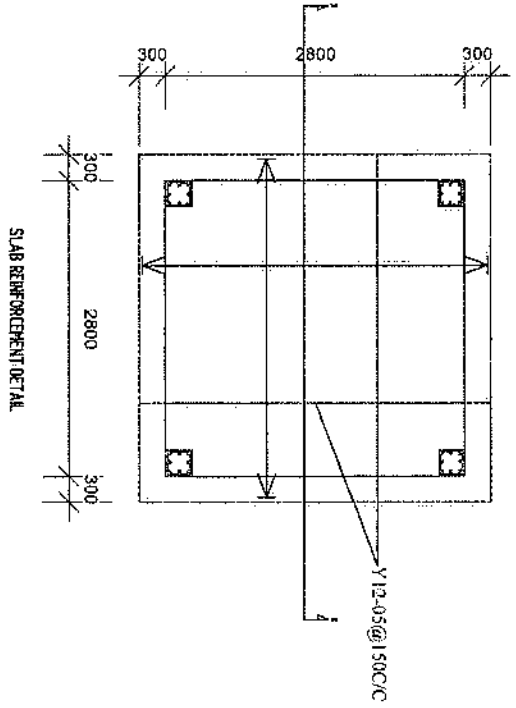
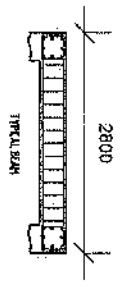
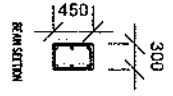
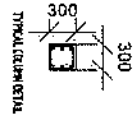
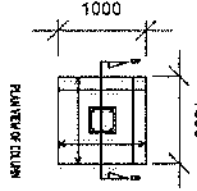
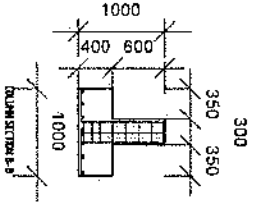
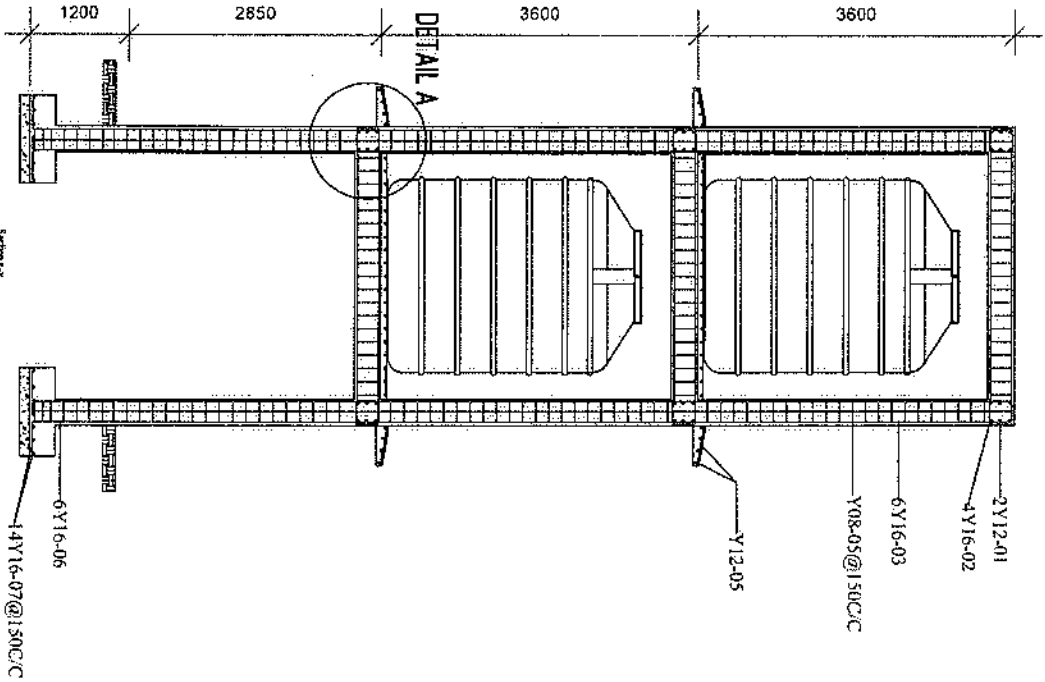
**DRAWING
DESCRIPTION**

MAIN BUILDING
REAR VIEW

Scale: 1:100

Date: MAY 2020

Drawing Number	Sheet
P10	



CLUMP, BEAM AND SLAB CONNECTION
DETAIL A

NOTE
 1. All steel work thickness = 275mm
 2. All steel work shall be painted with 2 coats of anti-rust paint with 10% bitumen resin base
 3. All pipe lengths should be 400

DESIGN CONSULTANT

Eng. Gaur J. N. Mehta
 Technical and supervisory work
 Engineering Consultant
 10/10/2020
 10/10/2020

PROJECT

PROPOSED RENOVATION
 OF PRELIMINARY
 STATION

Location

TOWER HILL
 PRELIMINARY

CLIENT

UNIP

DRAWING DESCRIPTION

Water Tank Tower
 With Elevated Tank

Scale

1:100

Date

MAY 2020

Drawing Number: PTB02
 Revision:

NOTE

1. All shop work shall be in accordance with the 2020 NEC.
2. All work shall be in accordance with the 2020 NEC.
3. All shop work shall be in accordance with the 2020 NEC.

DESIGN CONSULTANT

Eng. SHERI L. N. MORGAN

Technical and Architectural design
Engineering/ME/CA/AD/Interiors

Contract No. 19-0000-0000-0000
Created By: SHERI L. N. MORGAN

PROJECT

PROPOSED RENOVATION
OF WEATHER STATION

Location

TOWER HILL
FREETOWN

CLIENT

UNDP

DRAWING DESCRIPTION

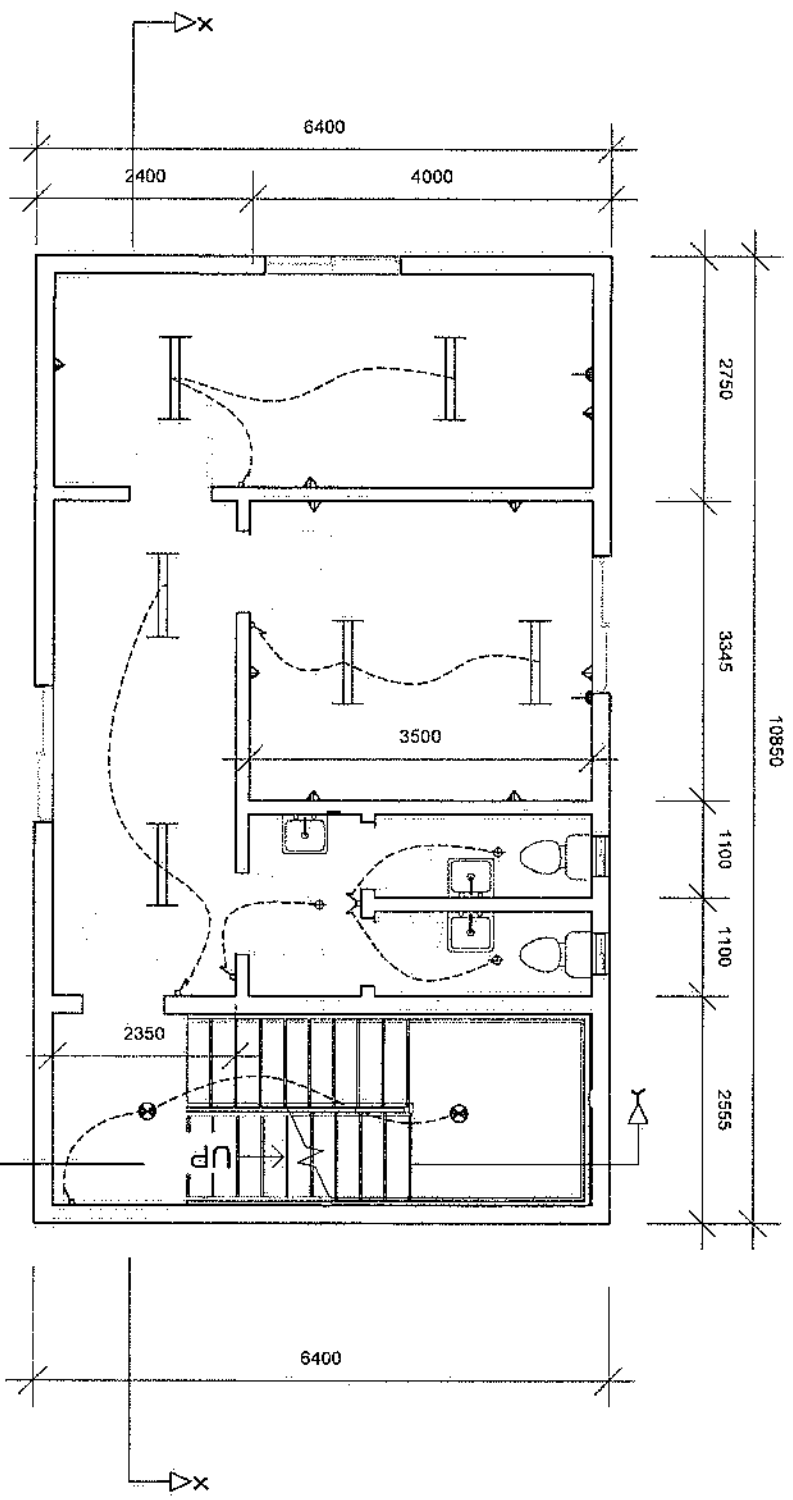
MAIN BUILDING
FIRST FLOOR
ELECTRICAL PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number: P-14

Revision:

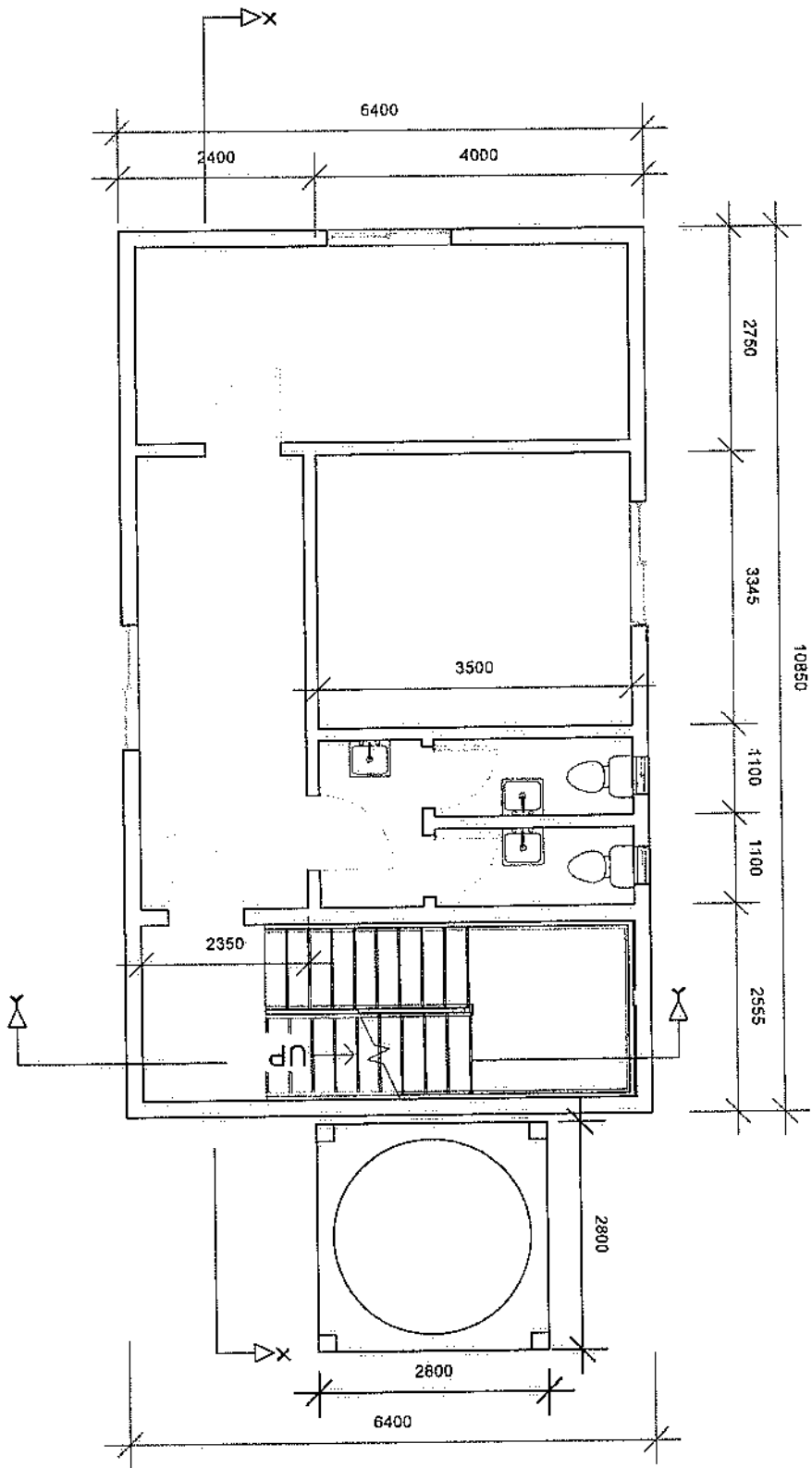


LAMPS

- 1x35w Fluorescent Strip Ceiling
- 2x35w Fluorescent Strip Ceiling
- Tight ceiling Lamp
- Security Lamp, Wall or Exit Mount, Non Adjustable
- Emergency Lamp

SWITCHES

- 24amp AC socket
- 13amp Socket, Single
- 13amp Socket, Double
- 10amp 1 way
- 10amp 2 way 2 way



NOTE

1. All work shall be in accordance with the latest edition of the relevant standards.
2. All work shall be in accordance with the latest edition of the relevant standards.
3. All work shall be in accordance with the latest edition of the relevant standards.

DESIGN CONSULTANT

Mr. S. J. N. H. H. H.

Technical and Architectural Design
Engineers & Architects (Pty) Ltd.

PROJECT

PROPOSED RENOVATION
OF WEATHER STATION

Location

TOBIER HILL
FREETOWN

CLIENT

UNDP

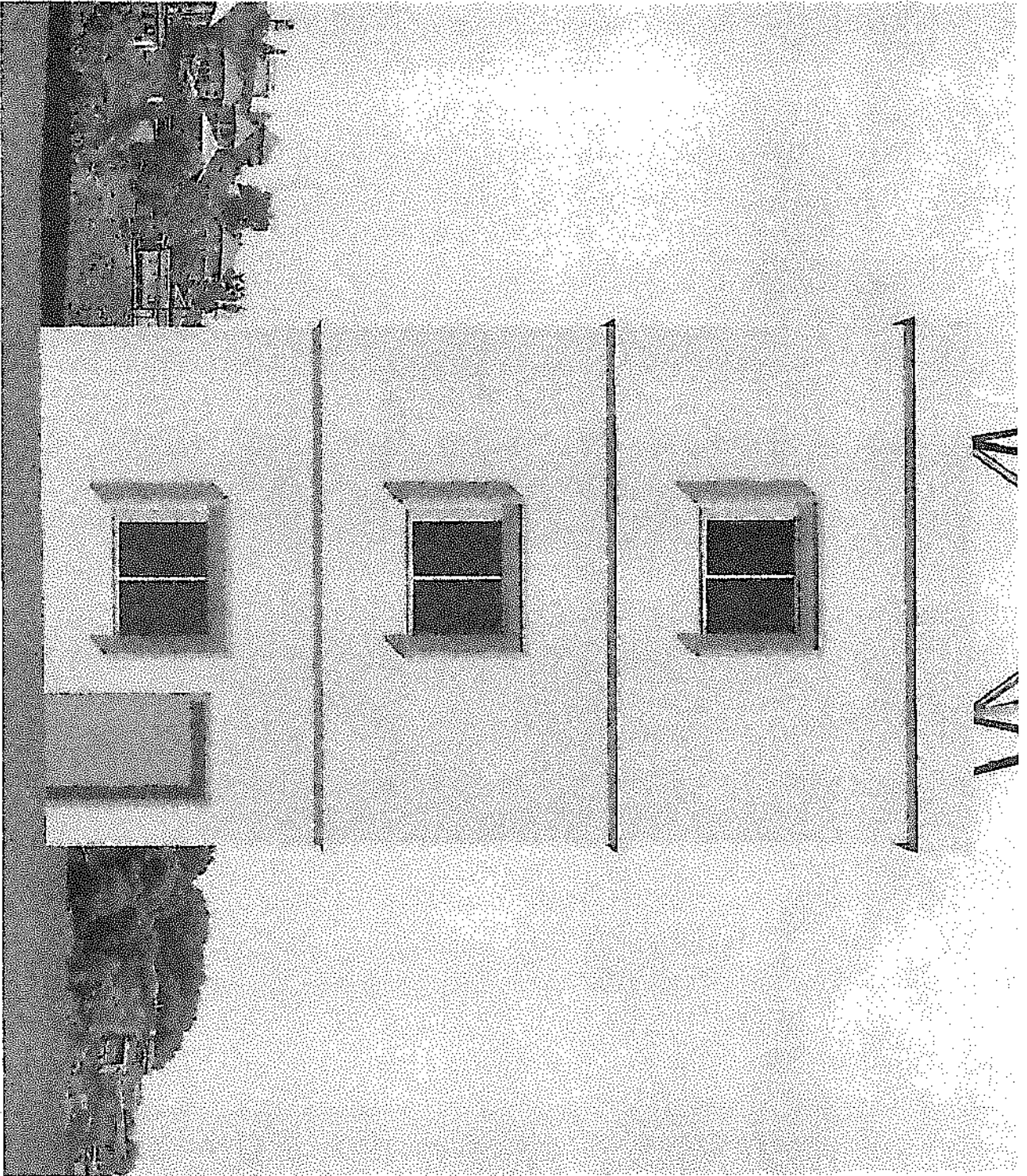
DRAWING DESCRIPTION

MAIN BUILDING
FIRST FLOOR PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number	Revision
P02	



NOTE
 1. All work shall be in accordance with the latest editions of the following codes and standards:
 2. Code of Ordinances of the City of Chicago
 3. Code of Ordinances of the City of Cook County
 4. All work shall be in accordance with the latest editions of the following codes and standards:
 5. All work shall be in accordance with the latest editions of the following codes and standards:

DESIGN CONSULTANT

By: **John J. H. H. H.**
 Technical and Architectural Design
 Engineer/Architect/Designer
 License No. [blank]
 State of [blank]

PROJECT

**PROJECT RENOVATION
 OF TOWER HILL
 FREETOWN**

Location

**TOWER HILL
 FREETOWN**

CLIENT

UNDP

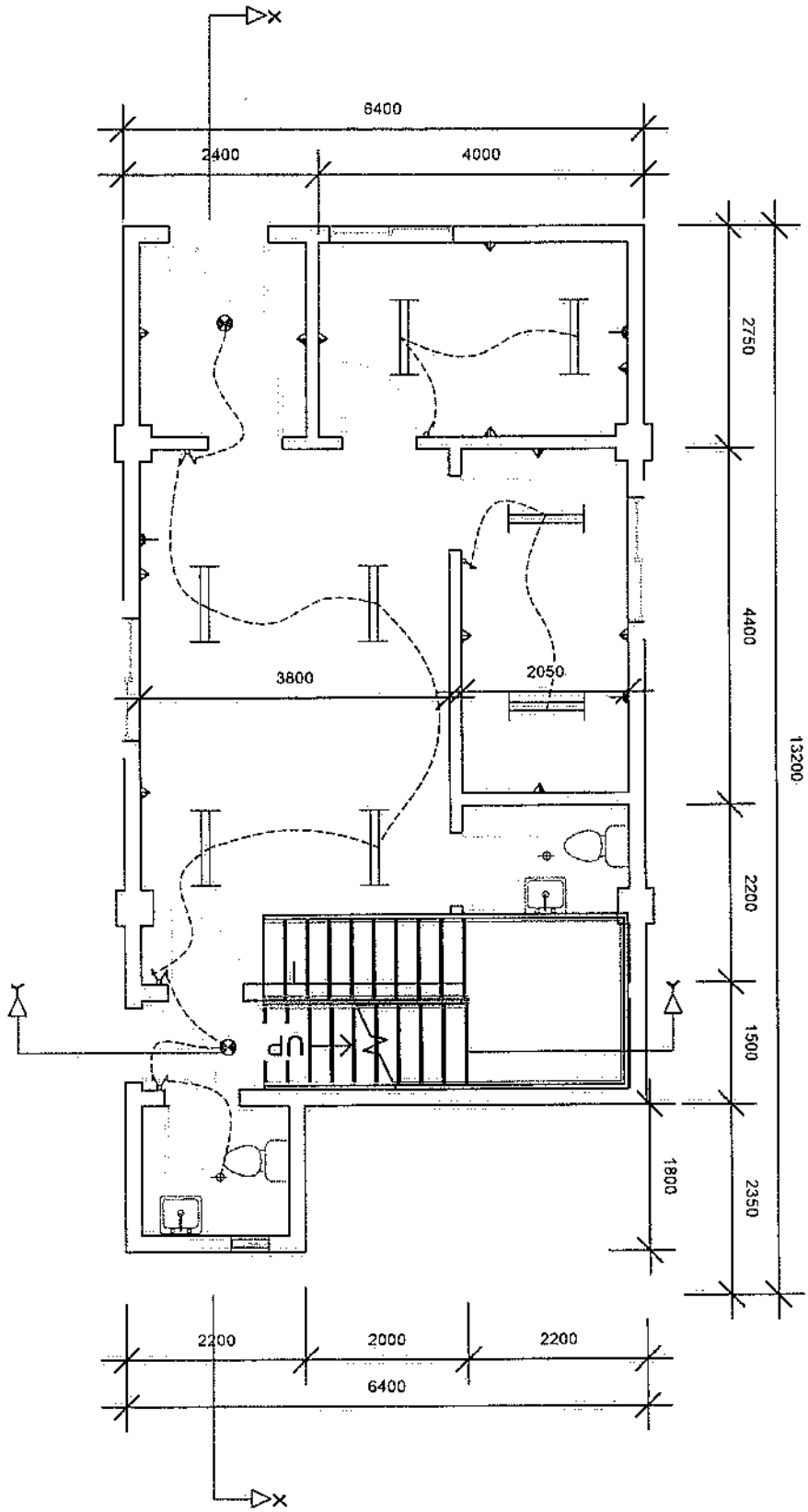
**DRAWING
 DESCRIPTION**

**MAIN BUILDING
 FRONT VIEW**

Scale: 1:100

Date: **MAY 2020**

Drawing Number:	Revision:
P01	



- LAMPS**
- 1x36w Fluorescent Strip, Ceiling
 - 2x36w Fluorescent Strip, Ceiling
 - ⊕ Toilet ceiling Lamp
 - ⊕ Security Lamp, Wall or Pole Mount
 - ⊕ New/Replaceable
 - ⊕ Emergency Lamp

- SWITCHES**
- ⬇ 20Amp AC Socket
 - ⬇ 13Amp Socket, Single
 - ⬇ 13Amp Socket, Double
 - ⬇ 10Amp Light 1 way
 - ⬇ 10Amp Light 2 way

NOTE

1. All floor wall switches & 20amp socket outlets shall
2. Ground to water/ground must not be less than 20mm.
3. All two-ways must be 40A

DESIGN CONSULTANT

Eng Seng L. H. Hoang
 Technical and Architectural design
 Engineering/Architect/Interior
 100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000

PROJECT

PROPOSED RENOVATION
 OF WENTEN BLDG

Location

TOWER HILL
 FREETOWN

CLIENT

UNDP

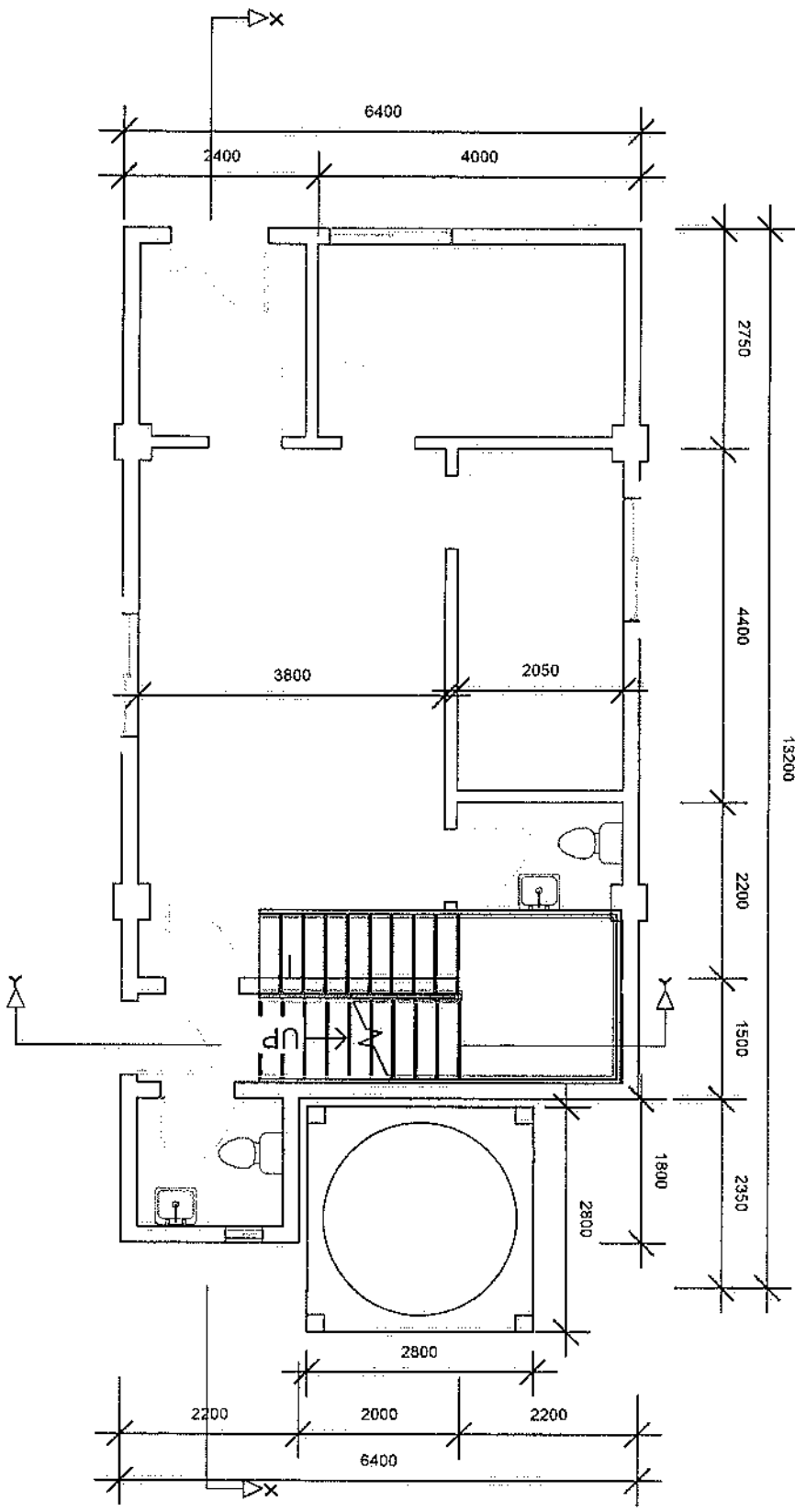
DRAWING DESCRIPTION

MAIN BUILDING
 GROUND FLOOR
 ELECTRICAL PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number: P13



NOTE

1. All blocks wall thickness = 200mm
2. Floor thickness = 100mm
3. All dimensions in mm unless stated

DESIGN CONSULTANT

Ing. Edgar J. R. Vargas
 Technical and Architectural
 Engineering and Architecture
 S.A. (C.V.)

PROJECT

PROPOSED RENOVATION
 OF TOWER HILL
 FIRESTATION

Location

TOWER HILL
 FIRESTATION

CLIENT

UNDP

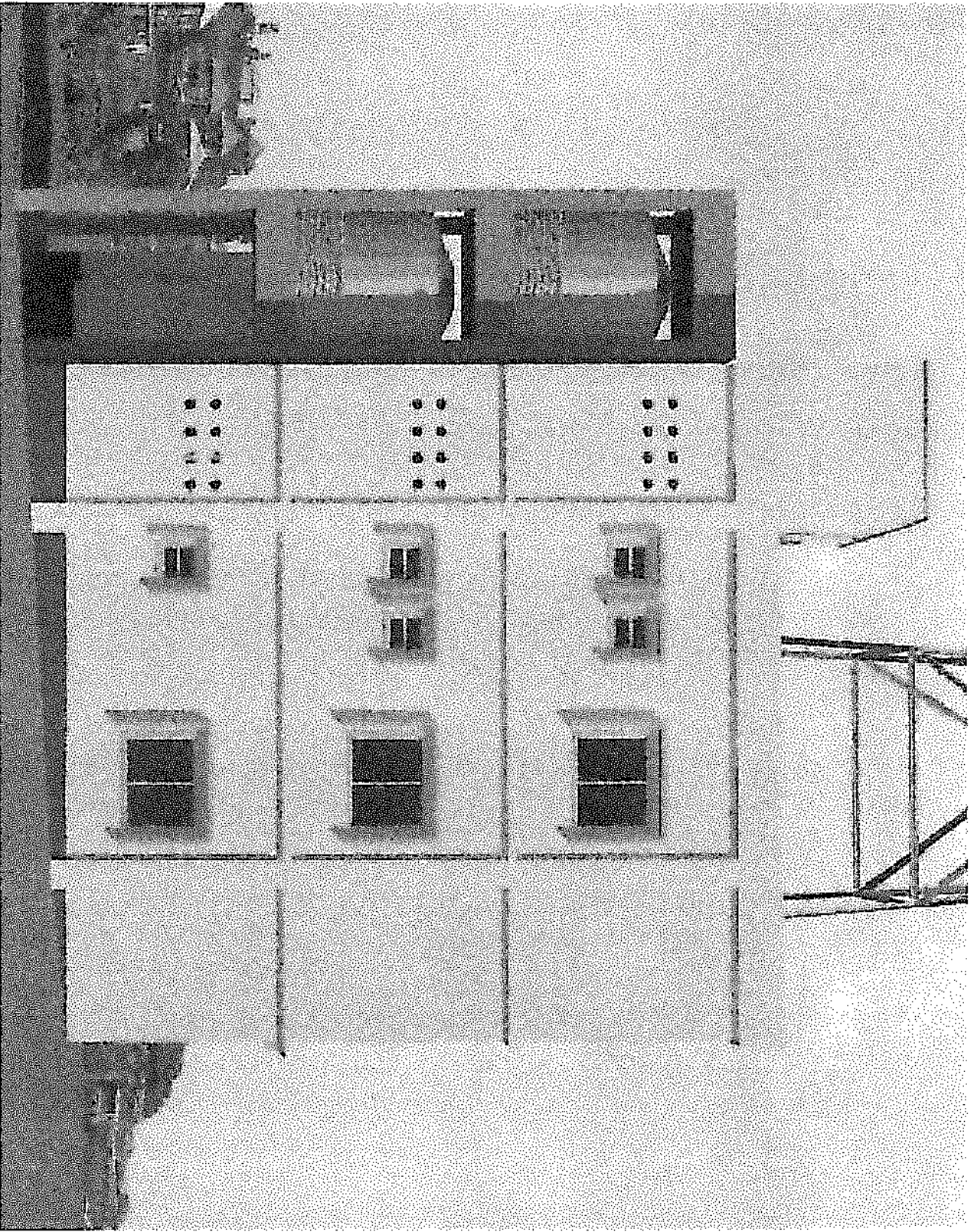
DRAWING DESCRIPTION

MAIN BUILDING
 GROUND FLOOR PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number	Revision
F01	



NOTE
1. All notes shall indicate a 250mm sheet outside unless stated.
2. Cover to fabrications shall be as per the items.
3. All steel temp. should be 400.

DESIGN CONSULTANT
Eng. Steve J. N. Mwangi
Technical and architectural design
Structural/Architectural/Interior
Drawn by: Andrew Mbatia
Checked by: 19/05/2020

PROJECT
PROPOSED RENOVATION OF WEATHER STATION

Location
TOWER HILL PRETORIA

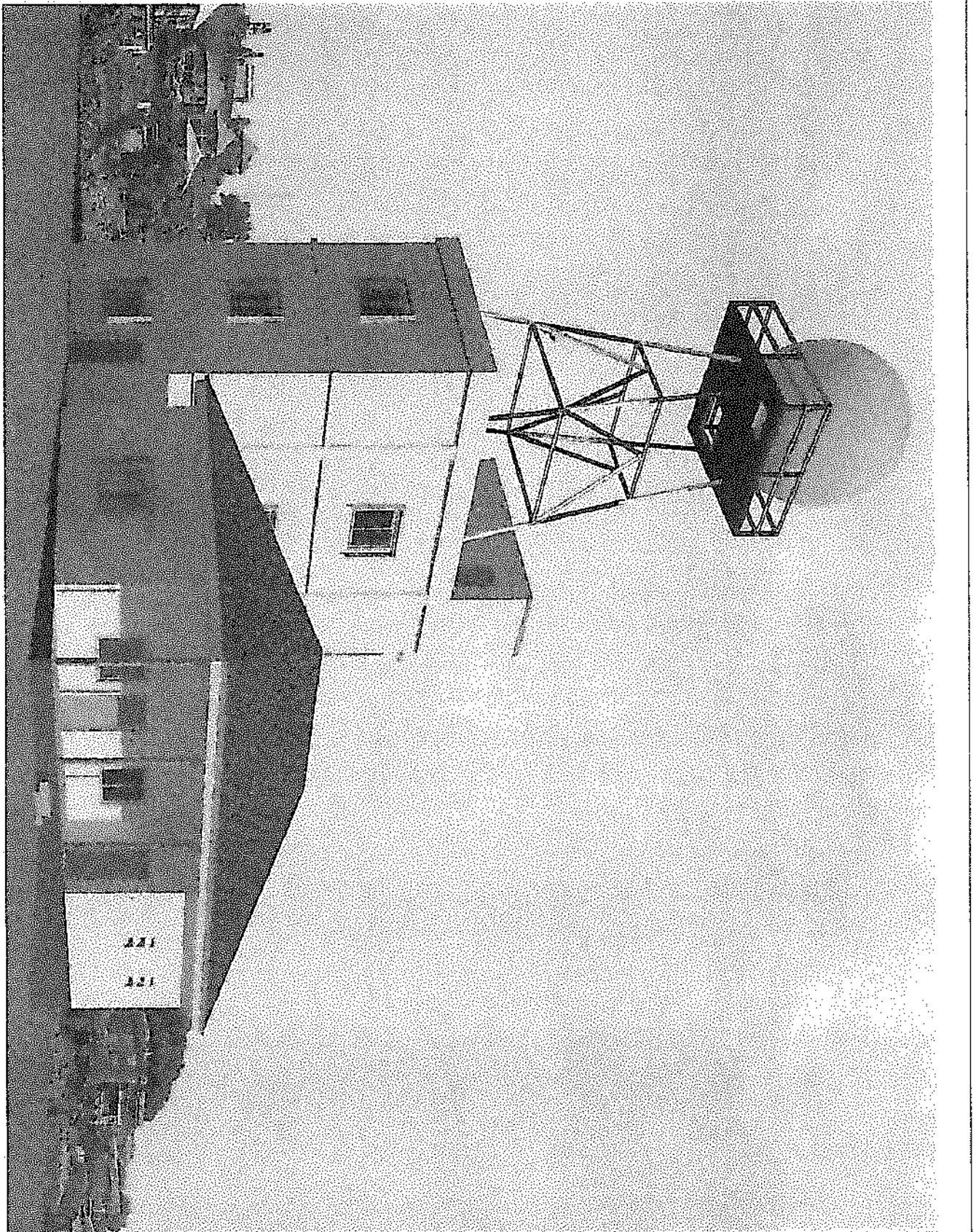
CLIENT
UNDP

DRAWING DESCRIPTION
MAIN BUILDING LEFT SIDE VIEW

Scale: 1:100

Date: MAY 2020

Drawing Number: F04	Revision:
----------------------------	------------------



NOTE:

1. All work shall include a 20%w/ excise tax on materials.
2. Client to reinforcement materials for 1250 lbs. 20000
3. All lengths should be 450

DESIGN CONSULTANT
 by Steve J. N. Hoag
 Technical and Architectural design
 Engineering/Architectural Services
 Created by: by Steve J. N. Hoag

PROJECT
 PROPOSED RENOVATION
 OF WEATHER STATION

Location
 TOWER HALL
 FREETOWN

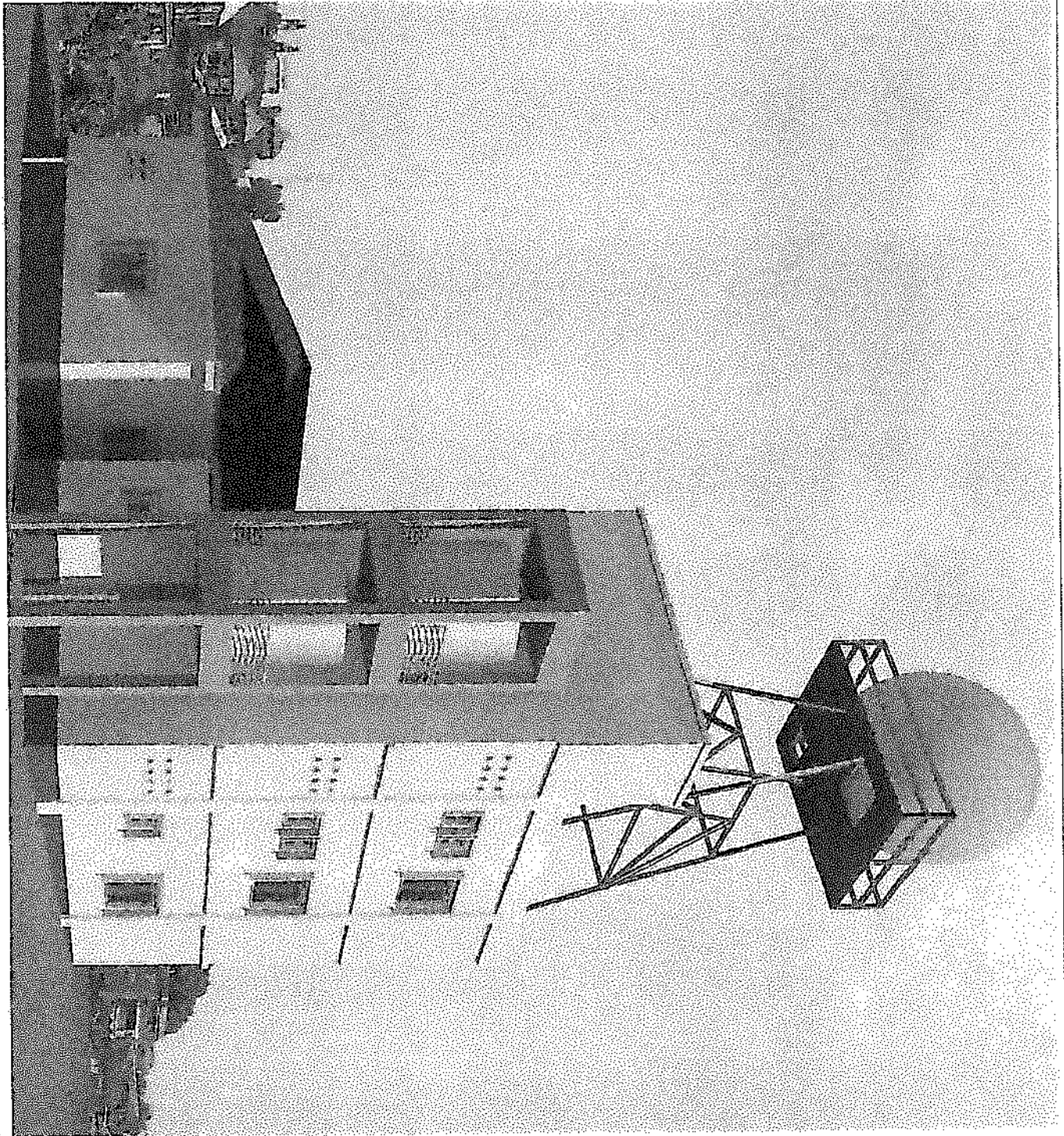
CLIENT
 UNDP

DRAWING DESCRIPTION
 MAIN BUILDING
 PERSPECTIVE VIEW 1

Scale: 1:100

Date: MAY 2020

Drawing Number: 911
 Revision:



NOTE

1. All items within 20m of subject structure noted.
2. Color is indicative of what may be achieved.
3. All heights shown are 450'

DESIGN CONSULTANT

Ing. Sier J. H. Hoop
 Technical and structural design
 Engineers and Architects
 Engineers and Architects

Drawn By: Ing. Sier J. H. Hoop
 Checked By: Ing. Sier J. H. Hoop

PROJECT

PROPOSED RENOVATION
 OF WEATHER STATION

Location

TOWEN HILL
 FREETOWN

CLIENT

UNDP

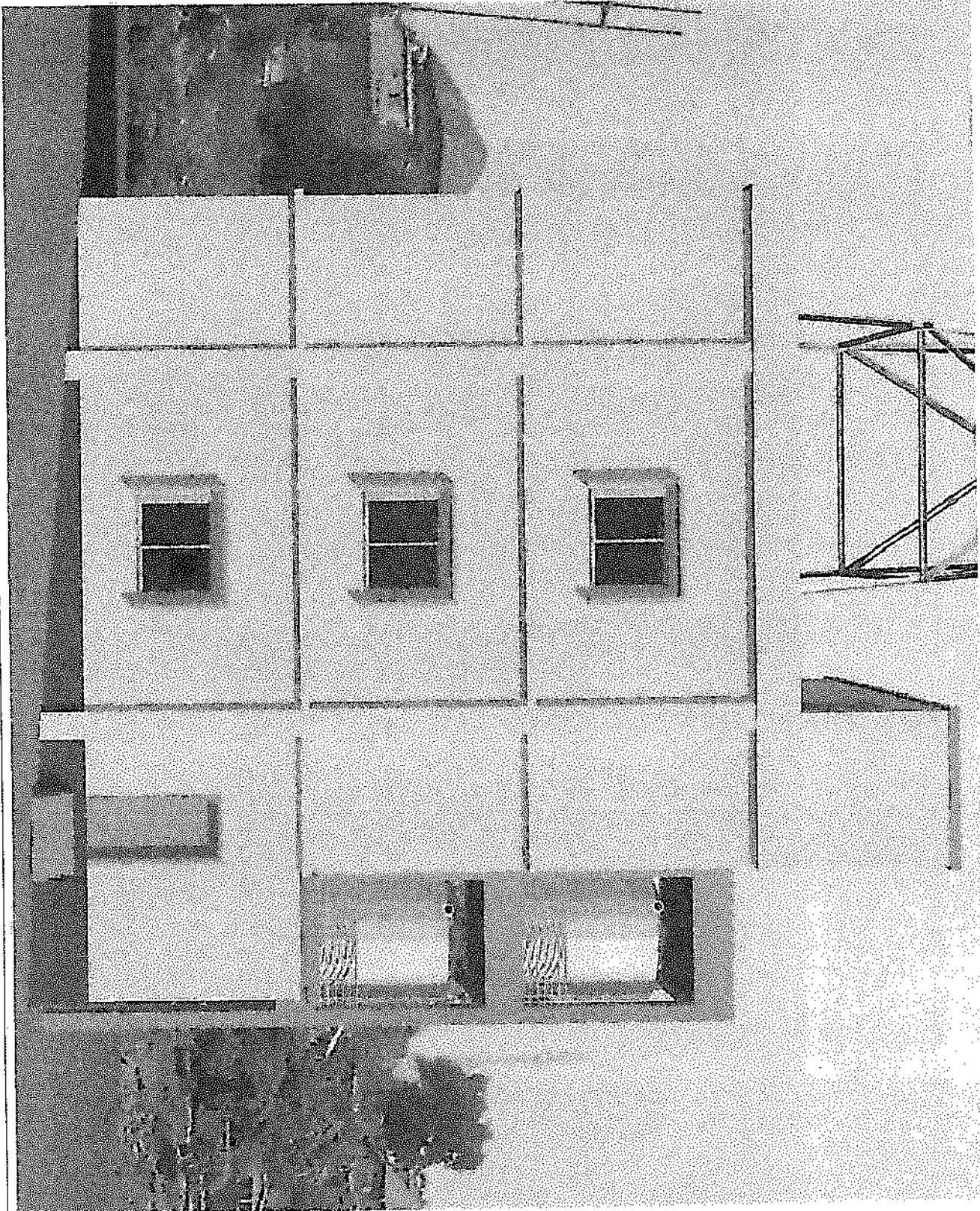
DRAWING DESCRIPTION

MAIN BUILDING
 PERSPECTIVE VIEW 2

Scale: 1:100

Date: MAY 2020

Drawing Number	Revision
P10	



NOTE

1. REFLECT LAMP FIXTURES 725mm
2. Detail to complement existing and new fixtures 200mm
3. All fix. temp. should be 45°C

DESIGN CONSULTANT

By: **STEPHEN H. HENGE**

Typical and Architectural

2. Specialist/Architect/Engineer

Drawn By: **ING AARON MARRIOTT/TEAM**

2. 20/01/15 By: **STEPHEN H. HENGE**

PROJECT

PROPOSED RENOVATION OF WEATHER STATION

Location

TOWNHILL FIELDTOWN

CLIENT

UNDP

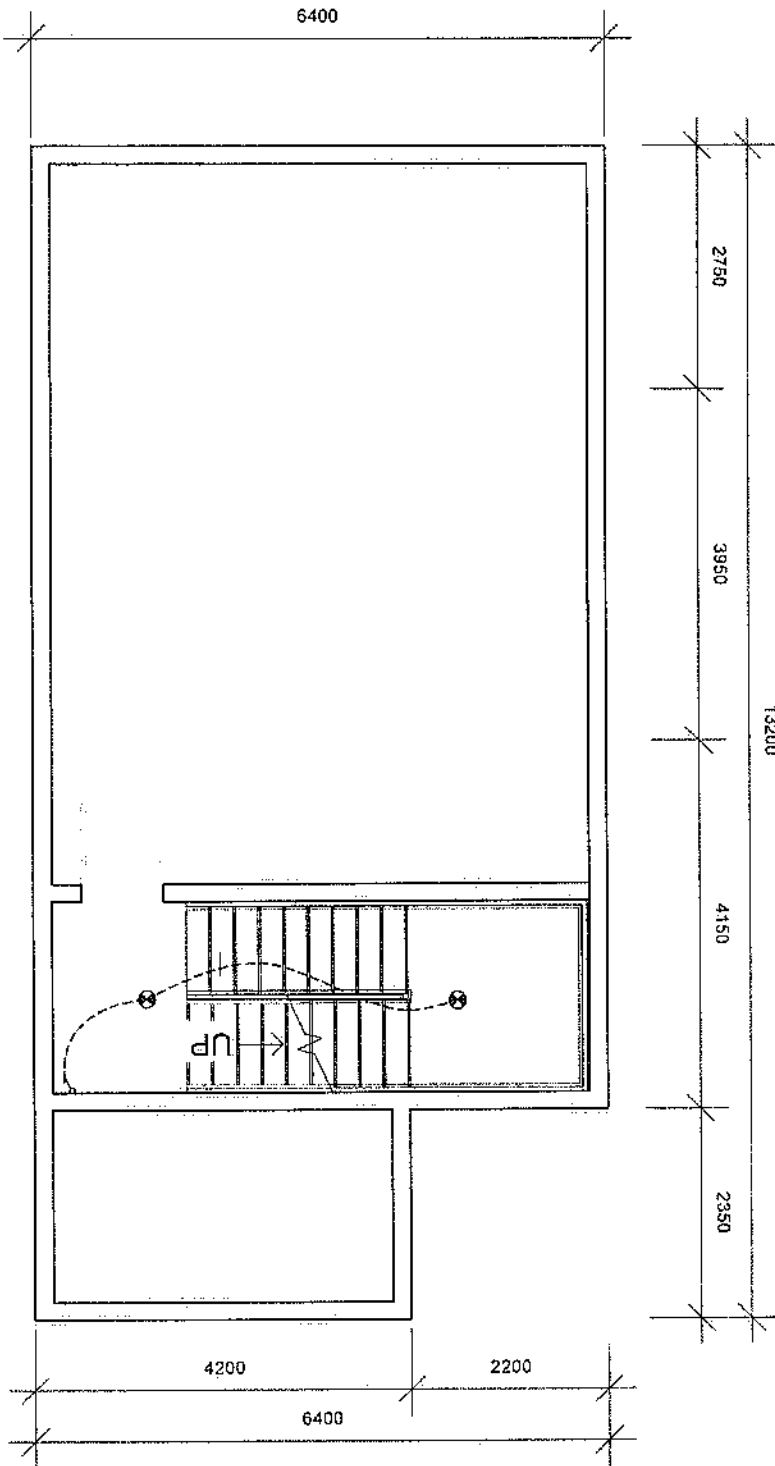
DRAWING DESCRIPTION

MAIN BUILDING RIGHT SIDE VIEW

Scale: 1:100

Date: **MAY 2020**

Drawing Number	Revision
Fig 5	



- LAMPS**
- 1x36w Fluorescent Strip Ceiling
 - 2x36w Fluorescent Strip Ceiling
 - ⊙ Toilet ceiling Lamp
 - ⊙ Security Lamp, Wall or Base Mount, Non-dimmable
 - ⊙ Entry/Exit Lamp
- SOCKETS**
- 20Amp AC socket
 - 15amp Socket Single
 - 15amp Socket Double
 - 10amp 1 gang 1 way
 - 10amp 2 gang 2 way

NOTE

- All 3000 volt fixtures = 250mm except otherwise noted
- Conduit for replacement must not be less than 25mm
- 3 way switch should be 4SP

DESIGN CONSULTANT

Ing Siew J. N. Hoang

Structural and Architecture design
Engineering & Construction Services

Drawn by: Ing Siew J. N. Hoang
Checked by: Ing Siew J. N. Hoang

PROJECT

PROPOSED RENOVATION
OF PENITENTIARY STATION

Location

TONNER HILL
FREETOWN

CLIENT

UNDP

DRAWING DESCRIPTION

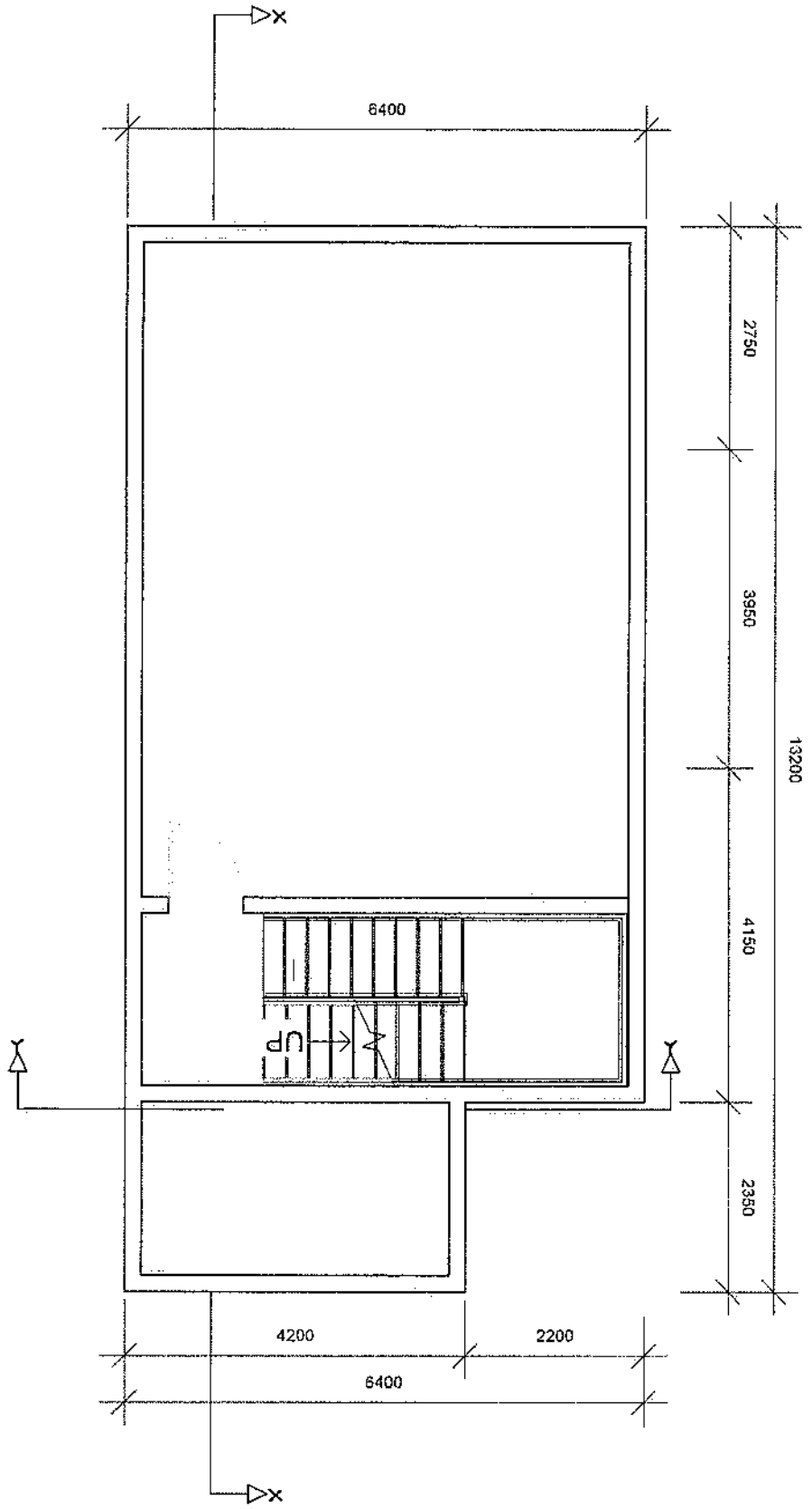
MAIN BUILDING
ROOF ELECTRICAL PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number: P16

Revision:



NOTE

1. All work shall and shall be 25% from existing structure.
2. Client to undertake remedial for the 450 sqm 2-storey.
3. All work shall be 450 sqm.

DESIGN CONSULTANT

Ing Seng L. N. Hoang
 Technical and structural design
 Engineering and Architecture

PROJECT

Proposed renovation of maintenance station
 Client: Ing Seng L. N. Hoang
 Contact: Ing Seng L. N. Hoang

Location

TOWER HILL
 FREETOWN

CLIENT

UNDP

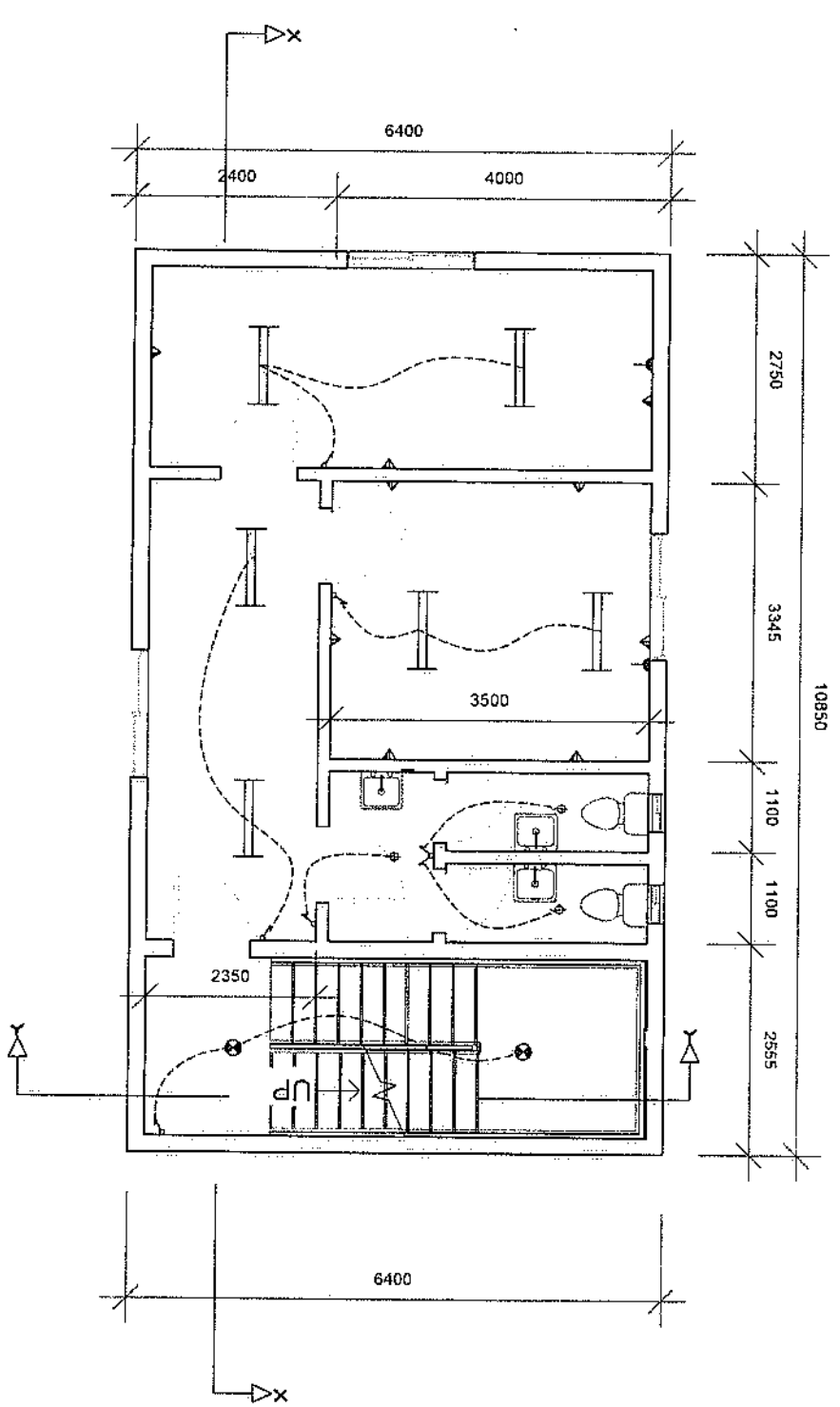
DRAWING DESCRIPTION

MAIN BUILDING
 ROOF PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number	Revision
FO4	



- LAMPS**
- 1.30w Fluorescent Strip, Ceiling
 - Narrow Fluorescent Strip, Ceiling
 - ⊙ Toilet reading Lamp
 - ⊙ Security Lamp, Wall or Eave Mount, Non-Adjustable
 - ⊙ Emergency Lamp
- SOCKETS**
- 20 Amp AC socket
 - ▲ 15 Amp Socket, Single
 - ▲ 15 Amp Socket, Double
 - ▲ 10 Amp 1 Phase, 1 way
 - ▲ 10 Amp 2 Phase, 2 way

NOTE

1. All work to be done in accordance with the latest edition of the relevant standards.
2. All work to be done in accordance with the latest edition of the relevant standards.
3. All work to be done in accordance with the latest edition of the relevant standards.

DESIGN CONSULTANT

Eng. Saeed J. N. N. N. N.

Technical and Architectural design
Engineers/Architects/Interior Designers

Company: The Project Consultants
Address: No. 123, Street 1, FreeTown

PROJECT

PROPOSED RENOVATION
OF TOWER HILL
FREE TOWN

Location:

TOWER HILL
FREE TOWN

CLIENT

UNDP

DRAWING DESCRIPTION

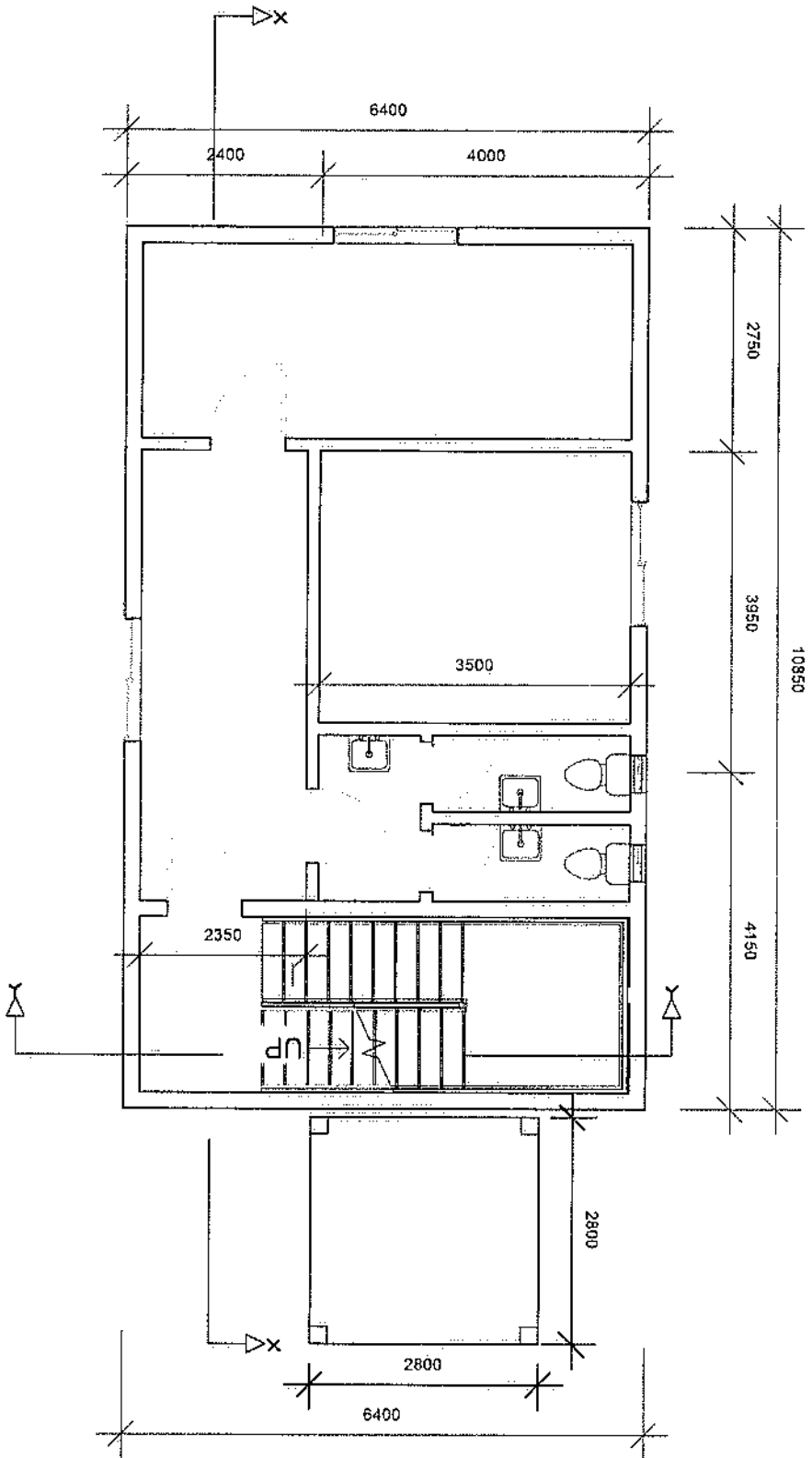
MAIN BUILDING
SECOND FLOOR
ELECTRICAL PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number: P15

Revision:



NOTE

1. All work shall include a 25mm exact absolute level.
2. Cover to perforation shall not be less than 25mm.
3. All lengths shall be ISO.

DESIGN CONSULTANT

Eng. Bart L. N. Mphah
 Technical and Architectural design
 Engineering and Architecture
 Drawing by: Eng. Mphah
 Checked by: Eng. Mphah

PROJECT

PROPOSED RENOVATION
 OF MENTHER STATION

Location

TOWER HILL
 FREETOWN

CLIENT

UNDP

DRAWING DESCRIPTION

MAIN BUILDING
 SECOND FLOOR PLAN

Scale: 1:100

Date: MAY 2020

Drawing Number: P05
 Revision:

NOTE
 1. All work shall adhere to 2006
 codes for code book
 2. Owner to inform architect of
 any changes
 3. All work shall be in accordance with 45P

DESIGN CONSULTANT
 Ing. Selim T. N. Hammad
 Technical and Architectural Design
 Engineering & Architecture
 Drawing By: Ing. Selim T. N. Hammad
 Checked By: Ing. Selim T. N. Hammad

PROJECT
 PROPOSED RENOVATION
 OF PAVILION STATION

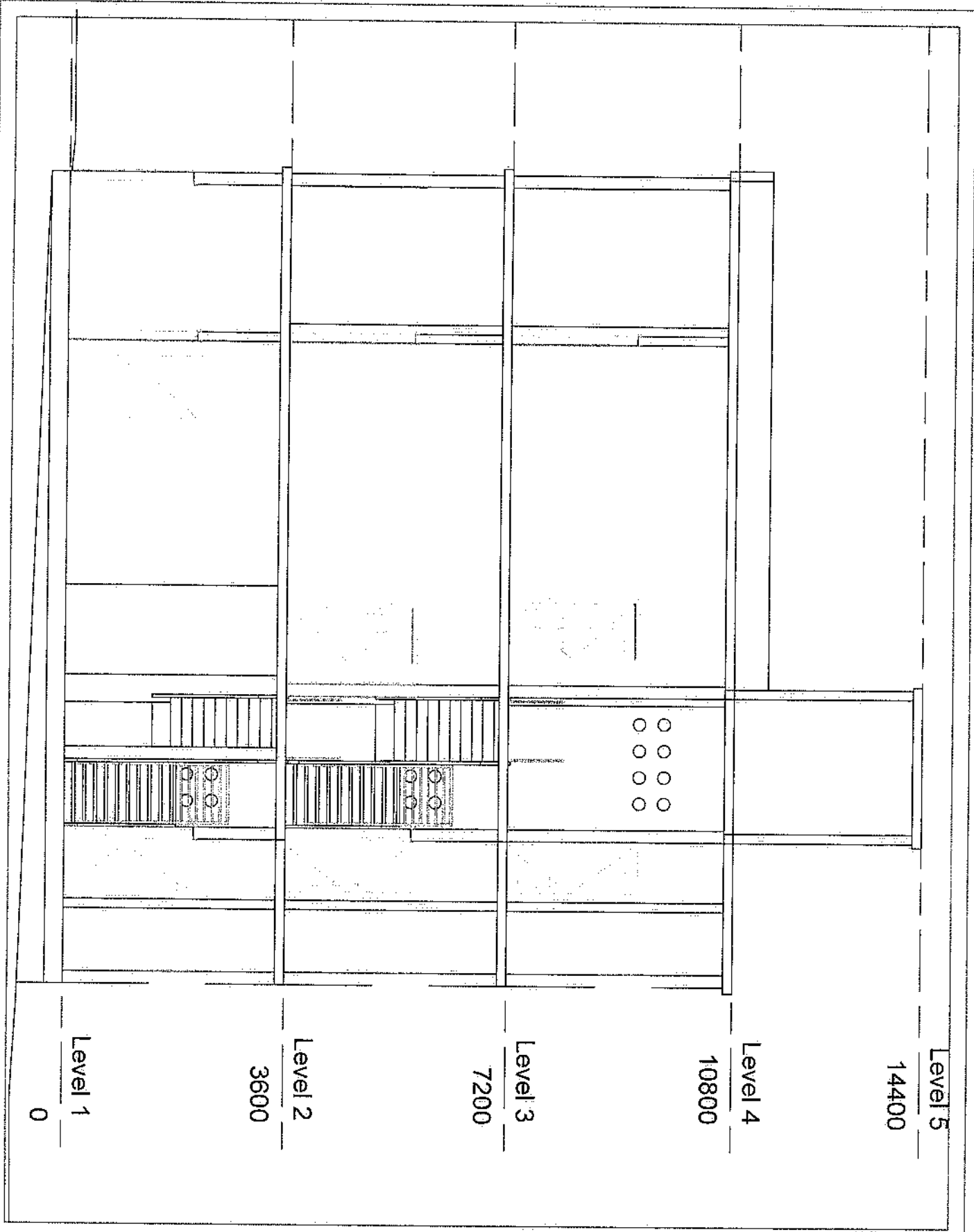
Location
 TOWER HILL
 FREETOWN

CLIENT
 UNDP

DRAWING DESCRIPTION
 MAIN BUILDING
 SECTION XXX

Scale: 1:100
Date: MAY 2020

Drawing Number: P-05
Revision:



Level 5

14400

Level 4

10800

Level 3

7200

Level 2

3600

Level 1

0

Level 5

14400

Level 4

10800

Level 3

7200

Level 2

3600

Level 1

0

NOTE

1. All work shall include a 25mm diameter reinforcement cage.
2. Concrete reinforcement must meet the requirements of SANS 10162.
3. All bar lengths shall be as per drawings.

DESIGN CONSULTANT

Eng. Sibusiso M. Mphahlele

Technical and Architectural design
Engineering and Construction Solutions

Drawn by: Eng. Sibusiso Mphahlele
Checked by: Eng. Sibusiso Mphahlele

PROJECT

PROPOSED RENOVATION
OF WEATHER STATION

Location

TOWER HILL
PRETORIA

CLIENT

UNDP

**DRAWING
DESCRIPTION**

MAIN BUILDING
SECTION 1-1'

Scale: 1:100

Date: MAY 2020

Drawing Number	Revision
P06	