

By Room Name Legend

- BASEMENT FOYER
- BICYCLE STORE
- CARPARK RAMP
- ENTRANCE FOYER
- EQUIPMENTS
- GAME ROOM
- GARAGE
- GARDENER
- GENSET ROOM
- MUDROOM
- MULTIPURPOSE HALL
- MUSIC ROOM
- OUTDOOR CORRIDOR 1
- POWDER 1
- PUMP ROOM
- STAIRCASE1
- STORE 1
- STORE 2
- STORE 3
- THEATRE
- TOILET/ABLUTION (F)
- TOILET/ABLUTION (M)



1

BASEMENT PLAN

1 : 125



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Student ID: 1002268624

Basement Plan

Project Name: BIM Project 1
Date:230730
Lecturer:Dr.Taki Seghier

A101

Scale 1 : 125

By Room Name Legend

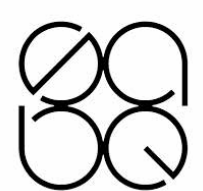
- BACKYARD GARDEN
- CORRIDOR 1
- DRY KITCHEN
- DRYING YARD
- FAMILY DINING
- FAMILY LOUNGE
- FORMAL LIVING
- GUARD HOUSE
- LIBRARY
- MAID STAIRCASE
- MAIN FOYER
- OUTDOOR BATH
- OUTDOOR COURTYARD
- OUTDOOR KITCHEN/LOUNGE
- OUTDOOR KITHCHEN YARD
- PANTRY
- PLAY AREA
- POWDER 2
- POWDER 3
- PREP AREA
- REFUSE
- SHOE ROOM
- STUDY/OFFICE
- SWIMMING POOL
- UTILITY
- WAITING LOUGE
- WET KITCHEN



1 GROUND FLOOR PLAN
1 : 125



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Ground Floor Plan

Project Name: BIM Project 1

Date:230730

Lecturer:Dr.Taki Seghier

A102

Scale 1 : 125

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By Room Name Legend

- MAID LOUNGE
- MAID ROOM 1
- MAID ROOM 2
- MAID ROOM 3
- Room



1 MEZZANINE FLOOR PLAN
1 : 125



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Mezzanine Floor Plan

Project Name: BIM Project 1

Date:230730

Lecturer:Dr.Taki Seghier

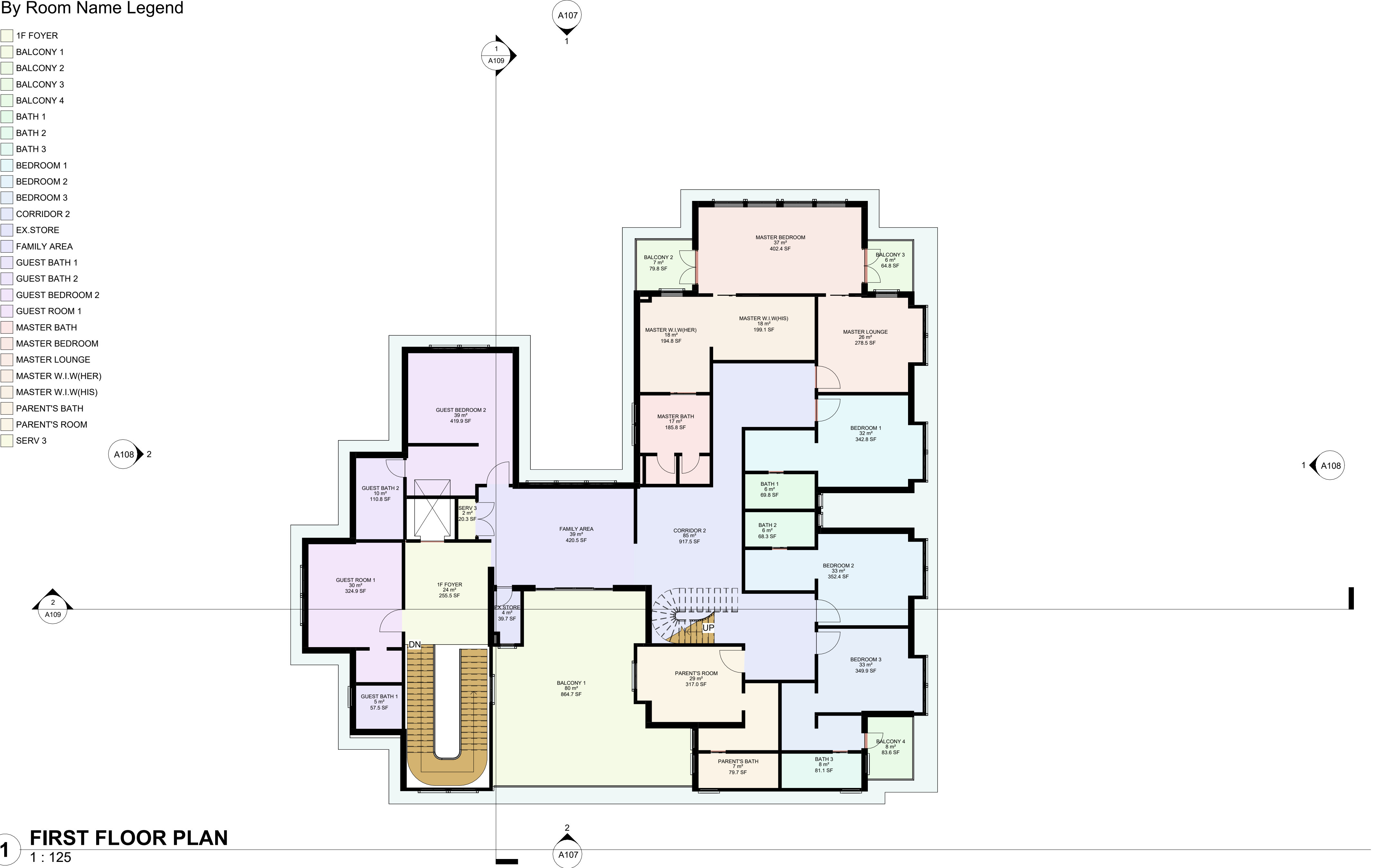
A103

Scale

1 : 125

By Room Name Legend

- 1F FOYER
- BALCONY 1
- BALCONY 2
- BALCONY 3
- BALCONY 4
- BATH 1
- BATH 2
- BATH 3
- BEDROOM 1
- BEDROOM 2
- BEDROOM 3
- CORRIDOR 2
- EX.STORE
- FAMILY AREA
- GUEST BATH 1
- GUEST BATH 2
- GUEST BEDROOM 2
- GUEST ROOM 1
- MASTER BATH
- MASTER BEDROOM
- MASTER LOUNGE
- MASTER W.I.W(HER)
- MASTER W.I.W(HIS)
- PARENT'S BATH
- PARENT'S ROOM
- SERV 3



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First Floor Plan

Project Name: BIM Project 1

Date:230730

Lecturer:Dr.Taki Seghier

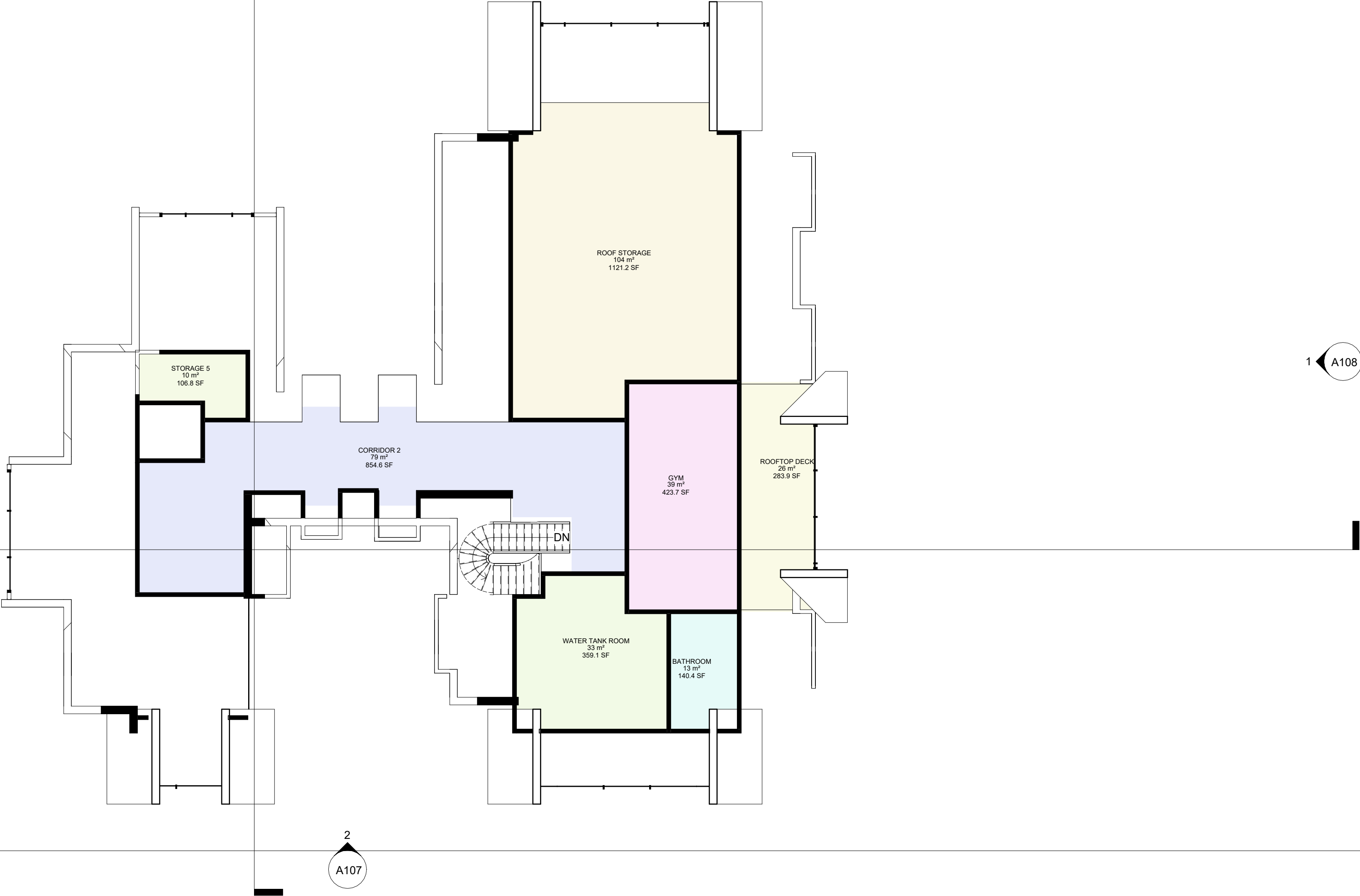
A104

Scale

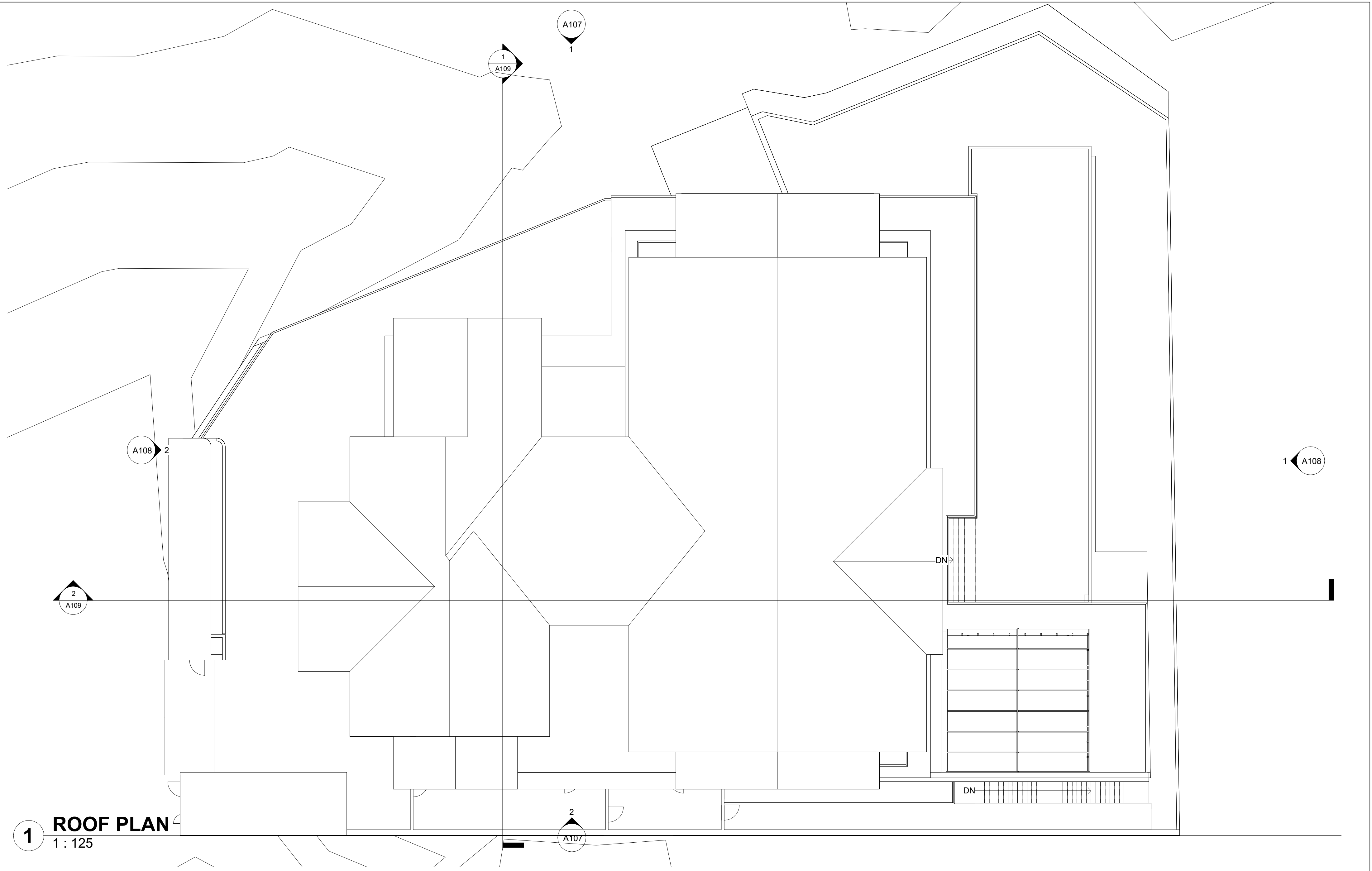
1 : 125

By Room Name Legend

- BATHROOM
- CORRIDOR 2
- GYM
- ROOF STORAGE
- ROOFTOP DECK
- STORAGE 5
- WATER TANK ROOM



1 SECOND FLOOR PLAN
1 : 125

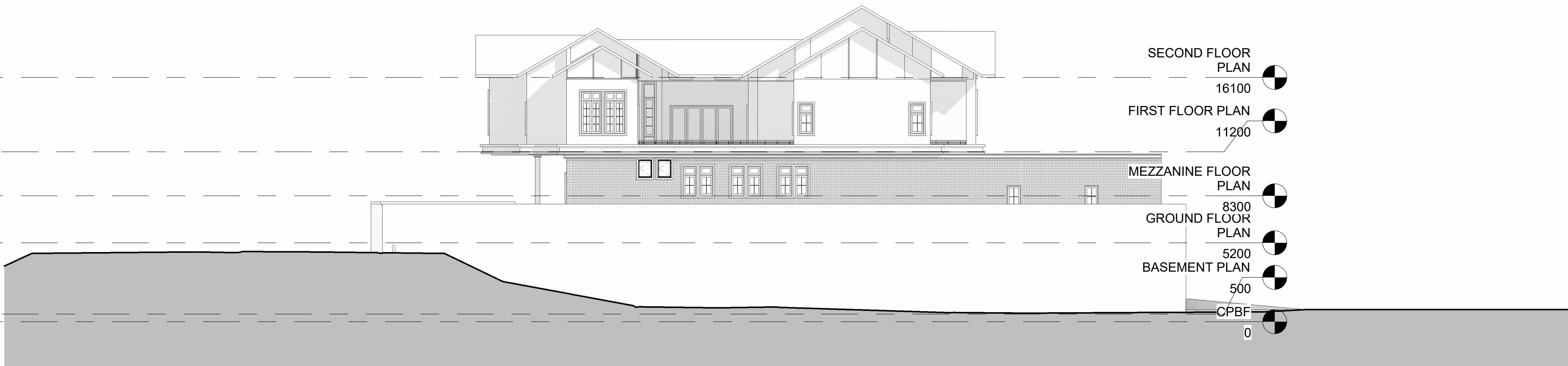


1 ROOF PLAN
1 : 125



- SECOND FLOOR PLAN 16100
- FIRST FLOOR PLAN 11200
- MEZZANINE FLOOR PLAN 8300
- GROUND FLOOR PLAN 5200
- BASEMENT PLAN 500
- CPBF 0

1 North
1 : 200



- SECOND FLOOR PLAN 16100
- FIRST FLOOR PLAN 11200
- MEZZANINE FLOOR PLAN 8300
- GROUND FLOOR PLAN 5200
- BASEMENT PLAN 500
- CPBF 0

2 South
1 : 200



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North and South Elevation

Project Name: BIM Project 1

Date: 230730

Lecturer: Dr. Taki Seghier

A107

Scale

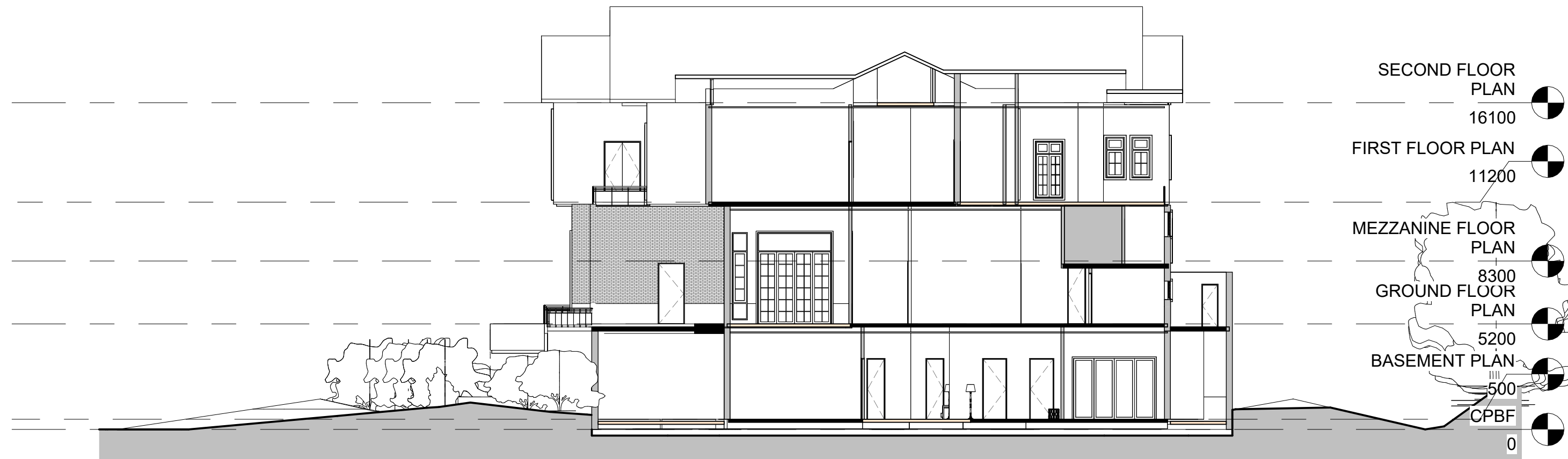
1 : 200



1 East
1 : 200



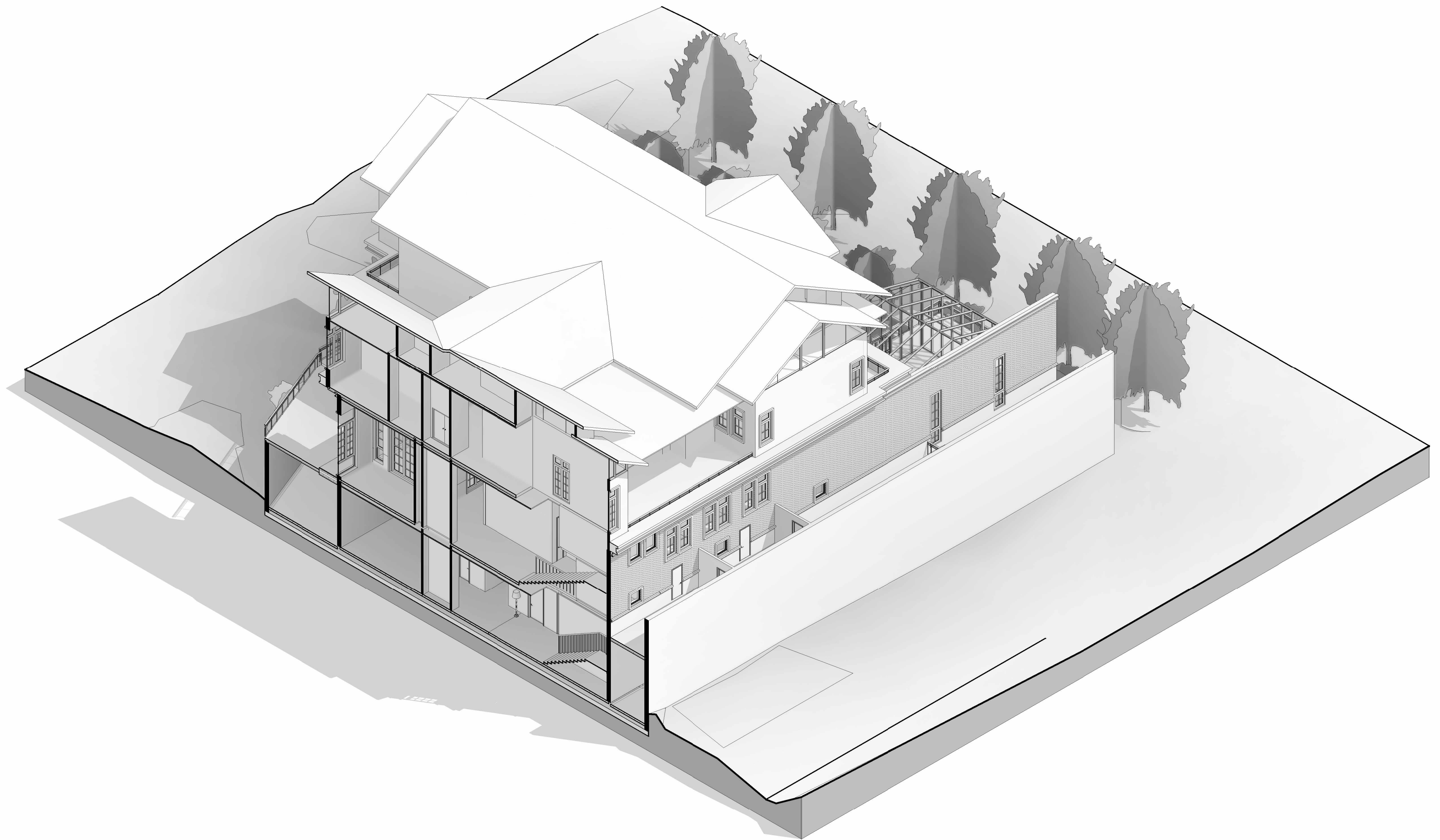
2 West
1 : 200



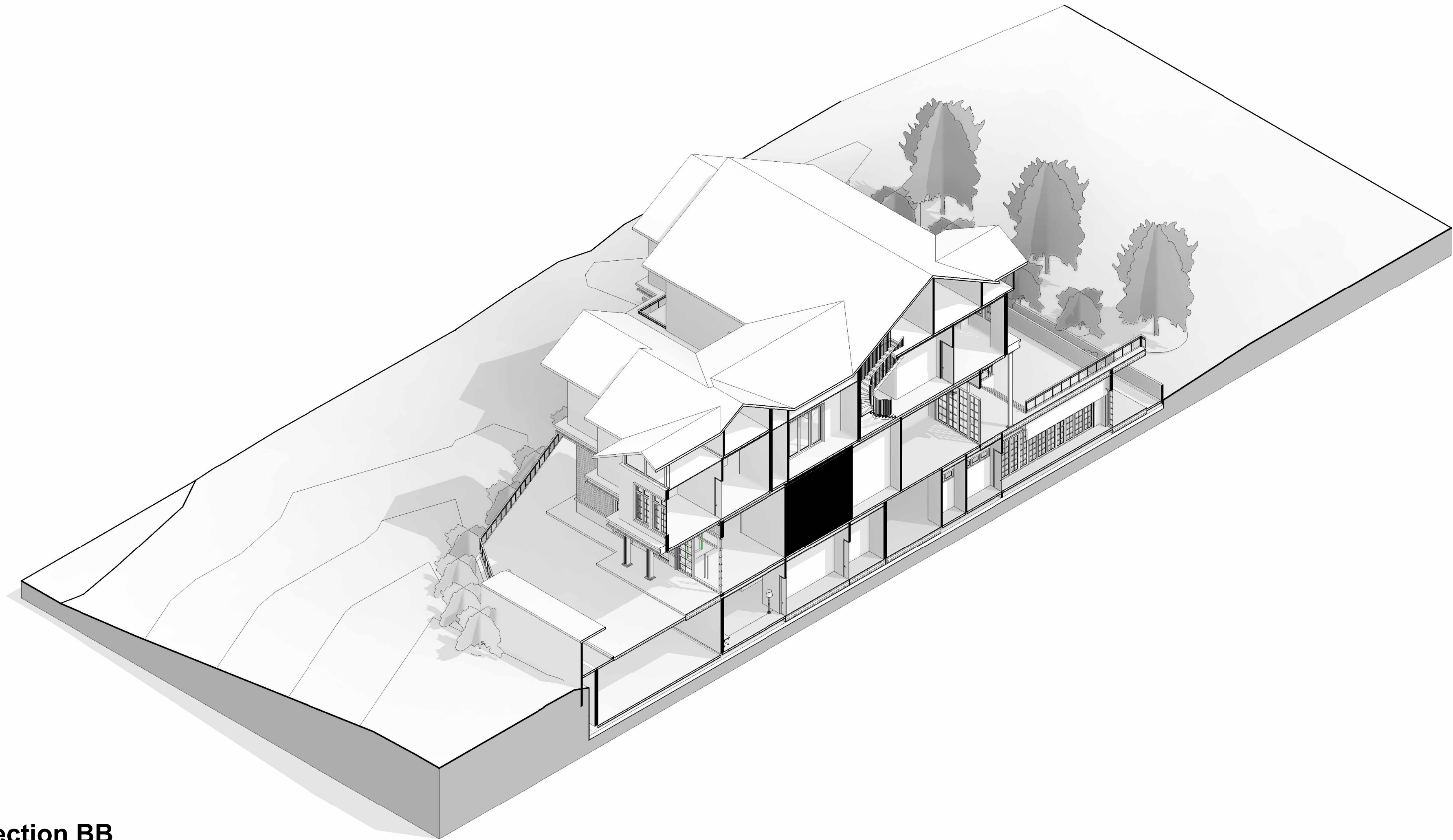
1 Section AA
1 : 200



2 Section BB
1 : 200



1 3D Section AA



1 3D Section BB



2 Main Entrance View



1 Main Entrance Render
1:1



3 Side Facade View



1 Side Facade Render
1:1



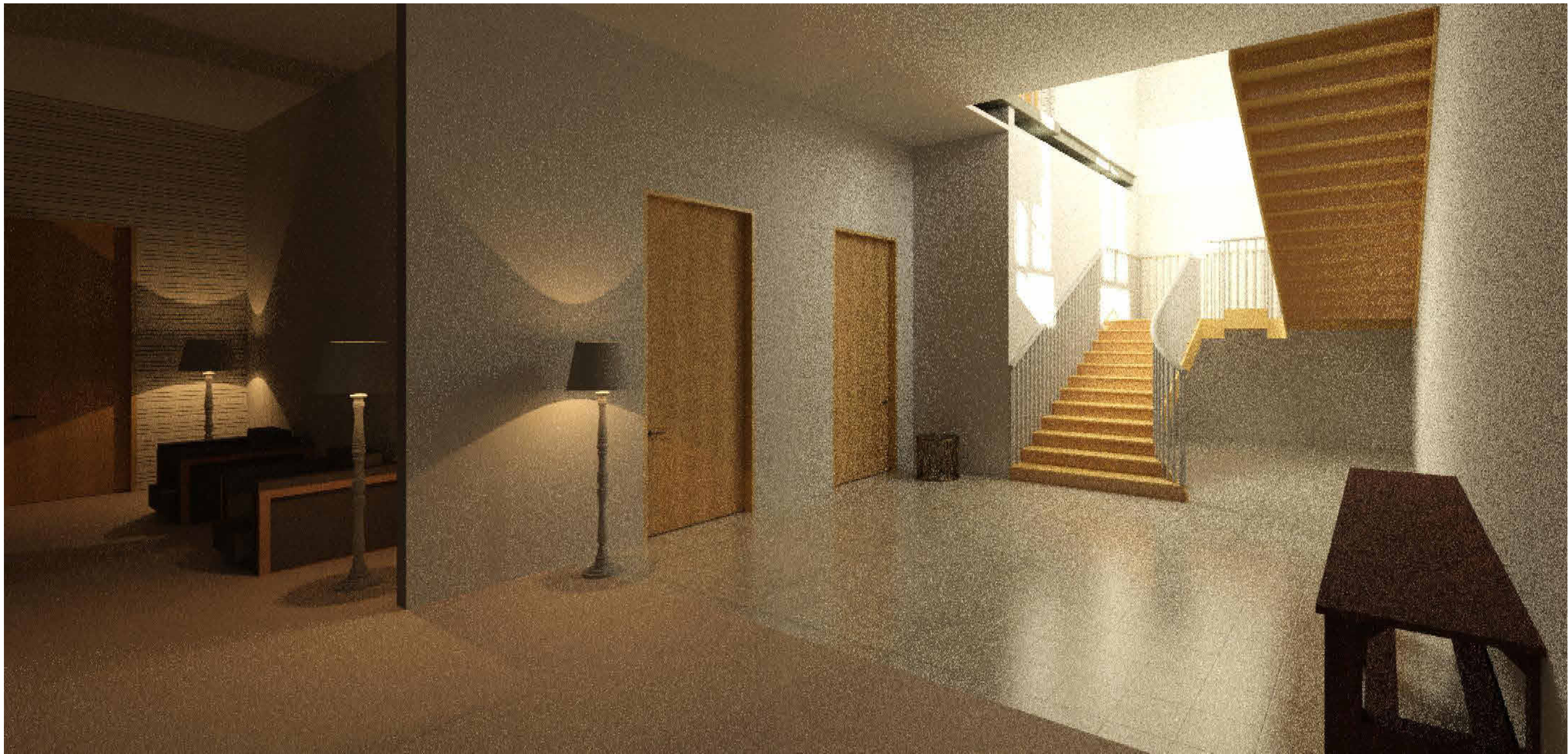
1 Ground Living Room View



2 Ground Living Room Render
1 : 1



1 Staircase View



2 Staircase Render
1 : 1

Door Schedule			
Family and Type	Level	Height	Width

Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: 1200X3000	BASEMENT PLAN	3000	1200
Doors_IntSgl: 1200X3000	BASEMENT PLAN	3000	1200
Doors_IntSgl: 1200X3000	BASEMENT PLAN	3000	1200
Doors_IntSgl: 1010x2110mm	BASEMENT PLAN	2110	1010
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Doors_IntSgl: b-d3 500x3000	BASEMENT PLAN	3000	500
Doors_IntSgl: b-d3 900x3000	BASEMENT PLAN	3000	900
Double_Timber_Frame_Door_1820: 2040x720x40+720x40	BASEMENT PLAN	3000	1740
Doors_IntSgl: b-d3 1150X3000	BASEMENT PLAN	3000	1150
Door-DbI-Curtainwall-TGP-SG_Fireframe-Active-Active: Double Door, Active-Active	GROUND FLOOR PLAN	2325	812
Door-DbI-Curtainwall-TGP-SG_Fireframe-Active-Active: Double Door, Active-Active	GROUND FLOOR PLAN	2325	812
Doors_IntSgl: b-d3 900x3000	GROUND FLOOR PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	GROUND FLOOR PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	GROUND FLOOR PLAN	3000	900
Doors_IntSgl: b-d3 900x3000	GROUND FLOOR PLAN	3000	900
Doors_IntSgl: b-d3 1550X3000 2	GROUND FLOOR PLAN	3000	1550
Doors_IntSgl: b-d3 1550X3000 2	GROUND FLOOR PLAN	3000	1550

Door Schedule			
Family and Type	Level	Height	Width

slide1: slide1	GROUND FLOOR PLAN	3000	4800
Doors_IntSgl: b-d3 500x3000	GROUND FLOOR PLAN	3000	500
Doors_IntSgl: b-d3 500x2500	GROUND FLOOR PLAN	2500	500
Doors_IntSgl: b-d3 500x3000	GROUND FLOOR PLAN	3000	500
Doors_IntSgl: b-d3 1150X2500 2	GROUND FLOOR PLAN	2500	1150
Doors_IntSgl: b-d3 900x3000	GROUND FLOOR PLAN	3000	900
Doors_IntSgl: b-d3 900x2100	GROUND FLOOR PLAN	2500	900
slide2: slide2	GROUND FLOOR PLAN	3000	4000
b-ad1: b-ad1	BASEMENT PLAN	3000	8550
b-ad1: b-ad1	BASEMENT PLAN	3000	8550
Doors_IntSgl: b-d3 1800x3000 2	GROUND FLOOR PLAN	3000	1300
Doors_IntSgl: b-d3 1800x3000 2	GROUND FLOOR PLAN	3000	1300
gfd1: gfd1	GROUND FLOOR PLAN	4500	5100
GF-ad2: GF-ad2	GROUND FLOOR PLAN	4500	3650
GF-ad2: GF-ad2	GROUND FLOOR PLAN	4500	3650
GF-ad2: GF-ad2	GROUND FLOOR PLAN	4500	3650
GF-ad2: GF-ad2	GROUND FLOOR PLAN	4500	3650
GF-ad2: GF-ad2	GROUND FLOOR PLAN	4500	3650
gad9: gad9	GROUND FLOOR PLAN	4500	5850
Doors_IntSgl: 810x2110mm alum	GROUND FLOOR PLAN	2110	810
Doors_IntSgl: b-d3 800x2100 3	GROUND FLOOR PLAN	2100	800
Doors_ExtDbI_Flush: 1000x2100	GROUND FLOOR PLAN	2100	1000
Doors_IntSgl: b-d3 800x2100 3	GROUND FLOOR PLAN	2100	800
Doors_IntSgl: b-d3 800x2100 3	GROUND FLOOR PLAN	2100	800
Doors_IntSgl: b-d3 500x21002	GROUND FLOOR PLAN	2100	500
Doors_IntSgl: 810x2110mm alum	GROUND FLOOR PLAN	2110	810
Doors_IntSgl: 810x2110mm alum	GROUND FLOOR PLAN	2110	810
Doors_IntSgl: 810x2110mm alum	GROUND FLOOR PLAN	2110	810
Doors_IntSgl: 810x2110mm alum	GROUND FLOOR PLAN	2110	810

Window Schedule			
Family and Type	Level	Height	Width

B-w4: B-w4	BASEMENT PLAN	2800	1350
b-W5: b-W5	BASEMENT PLAN	2800	1350
b-W5: b-W5	BASEMENT PLAN	2800	1350
B-w1: B-w1	BASEMENT PLAN	2800	1000
b-W3: b-W3	BASEMENT PLAN	650	4950
GF-W11: GF-W11	GROUND FLOOR PLAN	3600	900
GF-W11: GF-W11	GROUND FLOOR PLAN	3600	900
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-27: gf-27	GROUND FLOOR PLAN	4300	1500
gf-w6: gf-w6	GROUND FLOOR PLAN	4300	750
Window_Weld-Joinery-and-Corner-Conditions-Single-1-Heat-Barrier_TGP: Window_Weld-Joinery-and-Corner-Conditions-Single-1-Heat-Barrier_TGP	GROUND FLOOR PLAN	1524	914
Window_Weld-Joinery-and-Corner-Conditions-Single-1-Heat-Barrier_TGP: Window_Weld-Joinery-and-Corner-Conditions-Single-1-Heat-Barrier_TGP	GROUND FLOOR PLAN	1524	914
Window_Weld-Joinery-and-Corner-Conditions-Single-1-Heat-Barrier_TGP: Window_Weld-Joinery-and-Corner-Conditions-Single-1-Heat-Barrier_TGP	GROUND FLOOR PLAN	1524	914

Window Schedule			
Family and Type	Level	Height	Width

B-w2: B-w2	MEZZANINE FLOOR PLAN	2000	900
B-w2: B-w2	MEZZANINE FLOOR PLAN	2000	900
B-w2: B-w2	MEZZANINE FLOOR PLAN	2000	900
B-w2: B-w2	MEZZANINE FLOOR PLAN	2000	900
B-w2: B-w2	MEZZANINE FLOOR PLAN	2000	900
B-w2: B-w2	MEZZANINE FLOOR PLAN	2000	900
Windows_Sgl_Plain1111: 910x910mm	GROUND FLOOR PLAN	910	910
Windows_Sgl_Plain1111: 910x1210mm	MEZZANINE FLOOR PLAN	1210	910
Windows_Sgl_Plain1111: 910x1210mm	MEZZANINE FLOOR PLAN	1210	910
Windows_Sgl_Plain1111: 910x910mm	GROUND FLOOR PLAN	910	910
Windows_Sgl_Plain1111: 910x910mm	GROUND FLOOR PLAN	910	910
GF-W9: GF-W9	FIRST FLOOR PLAN	3600	1125
GF-W9: GF-W9	FIRST FLOOR PLAN	3600	1125
gf-27: gf-27	FIRST FLOOR PLAN	4300	1500
gf-27: gf-27	FIRST FLOOR PLAN	4300	1500
gf-27: gf-27	FIRST FLOOR PLAN	4300	1500
gf-27: gf-27	FIRST FLOOR PLAN	4300	1500
gf-w6: gf-w6	FIRST FLOOR PLAN	4300	750
B-w4: B-w4	FIRST FLOOR PLAN	2800	1350
B-w2: B-w2	FIRST FLOOR PLAN	2000	900
B-w2: B-w2	FIRST FLOOR PLAN	2000	900
B-w2: B-w2	FIRST FLOOR PLAN	2000	900
B-w2: B-w2	FIRST FLOOR PLAN	2000	900
B-w2: B-w2	FIRST FLOOR PLAN	2000	900
B-w4: B-w4	FIRST FLOOR PLAN	2800	1350
B-w4: B-w4	FIRST FLOOR PLAN	2800	1350



Wall Schedule					
Family and Type	Top Constraint	Base Constraint	Length	Cost	Cost Per Lenght
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3250	100.00	325000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3950	100.00	395000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	175	100.00	17500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	CPBF	3250	100.00	325000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	5600	100.00	560000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	2250	100.00	225000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3325	100.00	332500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	825	100.00	82500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3456	100.00	345646
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1650	100.00	165000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1881	100.00	188146
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	2300	100.00	230000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	6370	100.00	637000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1725	100.00	172500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	2300	100.00	230000

Wall Schedule					
Family and Type	Top Constraint	Base Constraint	Length	Cost	Cost Per Lenght
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1725	100.00	172500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3069	100.00	306854
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1806	100.00	180646
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1650	100.00	165000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1650	100.00	165000
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3531	100.00	353146
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3375	100.00	337500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3525	100.00	352500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1725	100.00	172500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	3375	100.00	337500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1725	100.00	172500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1575	100.00	157500
Basic Wall: TYPICAL 150 deck 1	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	1075	100.00	107500
Basic Wall: TYPICAL 300	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	21850	150.00	3277500
Basic Wall: TYPICAL 300	Up to level: GROUND FLOOR PLAN	BASEMENT PLAN	15000	150.00	2250000

Floor Schedule				
Family and Type	Level	Cost	Area	Cost Per Area
Floor: granite floor	BASEMENT PLAN	130.00	473 m²	61530 m²
Floor: marble	BASEMENT PLAN	140.00	97 m²	13648 m²
Floor: porcelain	BASEMENT PLAN	110.00	5 m²	500 m²
Floor: porcelain	BASEMENT PLAN	110.00	10 m²	1106 m²
Floor: porcelain	BASEMENT PLAN	110.00	8 m²	875 m²
Floor: porcelain	BASEMENT PLAN	110.00	18 m²	1926 m²
Floor: porcelain	BASEMENT PLAN	110.00	0 m²	42 m²
Floor: marble	BASEMENT PLAN	140.00	62 m²	8743 m²
Floor: CEMENT	BASEMENT PLAN	70.00	8 m²	592 m²
Floor: porcelain	BASEMENT PLAN	110.00	8 m²	911 m²
Floor: CARPEYT	BASEMENT PLAN	80.00	49 m²	3931 m²
Floor: porcelain	BASEMENT PLAN	110.00	24 m²	2646 m²
Floor: granite floor	BASEMENT PLAN	130.00	10 m²	1320 m²
Floor: granite floor	BASEMENT PLAN	130.00	18 m²	2368 m²
Floor: granite floor	BASEMENT PLAN	130.00	64 m²	8297 m²
Floor: granite floor	BASEMENT PLAN	130.00	10 m²	1237 m²
Floor: porcelain	BASEMENT PLAN	110.00	47 m²	5183 m²
Floor: marble	BASEMENT PLAN	140.00	57 m²	7944 m²
Floor: CEMENT	BASEMENT PLAN	70.00	19 m²	1341 m²
Floor: CEMENT	BASEMENT PLAN	70.00	9 m²	656 m²
Floor: marble	GROUND FLOOR PLAN	140.00	158 m²	22078 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	7 m²	794 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	6 m²	686 m²
Floor: marble	GROUND FLOOR PLAN	140.00	84 m²	11793 m²
Floor: marble	GROUND FLOOR PLAN	140.00	9 m²	1200 m²

Floor Schedule				
Family and Type	Level	Cost	Area	Cost Per Area
Floor: porcelain	GROUND FLOOR PLAN	110.00	14 m²	1505 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	36 m²	3957 m²
Floor: marble	GROUND FLOOR PLAN	140.00	9 m²	1323 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	15 m²	1614 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	10 m²	1151 m²
Floor: marble	GROUND FLOOR PLAN	140.00	25 m²	3446 m²
Floor: marble	GROUND FLOOR PLAN	140.00	139 m²	19454 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	3 m²	334 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	37 m²	4044 m²
Floor: grass	GROUND FLOOR PLAN	30.00	37 m²	1121 m²
Floor: granite floor	GROUND FLOOR PLAN	130.00	339 m²	44041 m²
Floor: swimming pool	GROUND FLOOR PLAN	70.00	154 m²	10786 m²
Floor: granite floor 2	GROUND FLOOR PLAN	115.00	301 m²	34603 m²
Floor: grass	GROUND FLOOR PLAN	30.00	30 m²	908 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	25 m²	2715 m²
Floor: granite floor 2	GROUND FLOOR PLAN	115.00	3 m²	376 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	3 m²	298 m²
Floor: porcelain	GROUND FLOOR PLAN	110.00	32 m²	3514 m²
Floor: granite floor 2	GROUND FLOOR PLAN	115.00	17 m²	1954 m²
Floor: granite floor 2	MEZZANINE FLOOR PLAN	115.00	72 m²	8259 m²