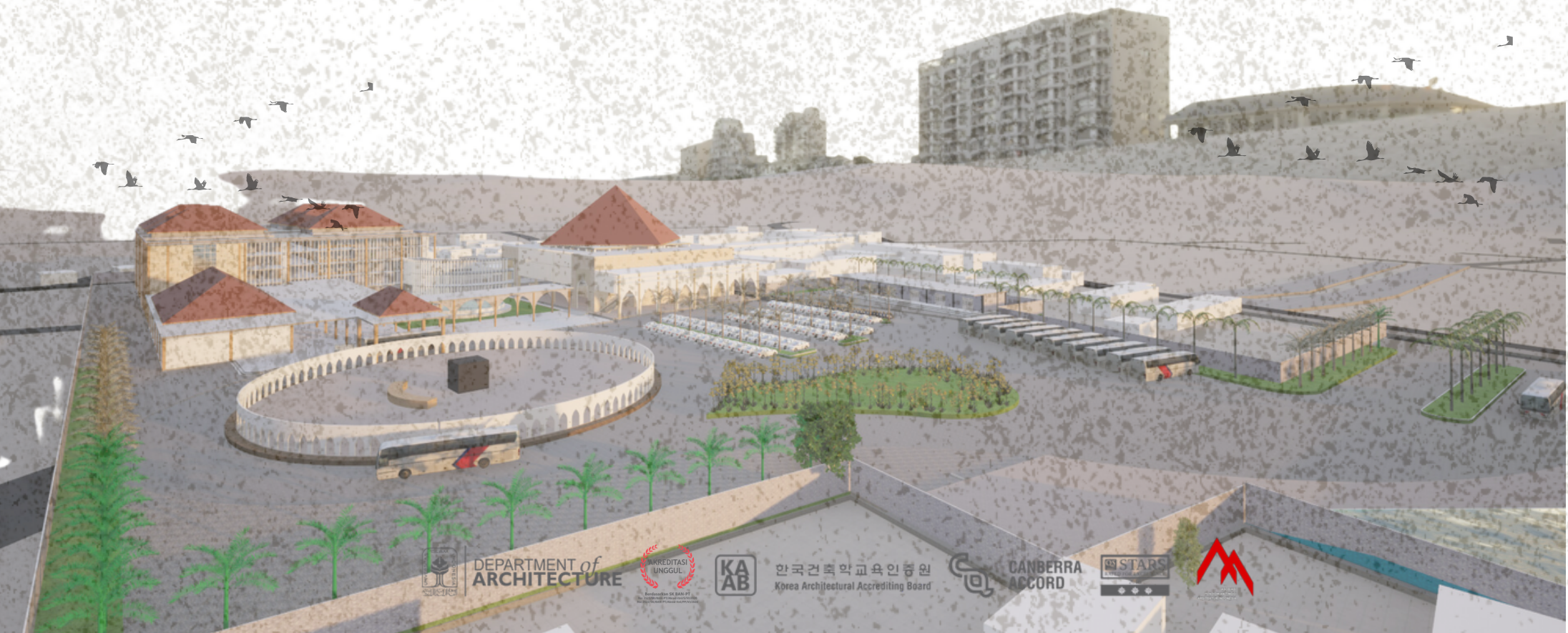


BAB 4

HASIL DAN PENGEMBANGAN RANCANGAN



DEPARTMENT of
ARCHITECTURE



KA
AB

한국건축교육인증원
Korea Architectural Accrediting Board





CANBERRA
ACCORD



Deskripsi Hasil Rancangan

Asrama Haji Embarkasi Kediri mengakomodasi jamaah haji wilayah sekitar Kediri raya dari 12 kabupaten/ kota sejumlah 9.890 jamaah haji. Kapasitas pengguna Asrama Haji Embarkasi Kediri sejumlah 4 Kloter meliputi 2 kloter kedatangan dan kloter pemberangkatan), yakni dengan daya tampung 1610 pengguna pada lahan asrama haji embarkasi seluas 3,4 hektar. Dengan demikian, Asrama haji embarkasi ini memiliki estimasi pemberangkatan 24 Kloter dari 9.890 CJH selama 12 hari.

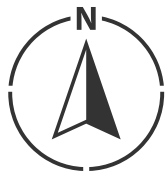
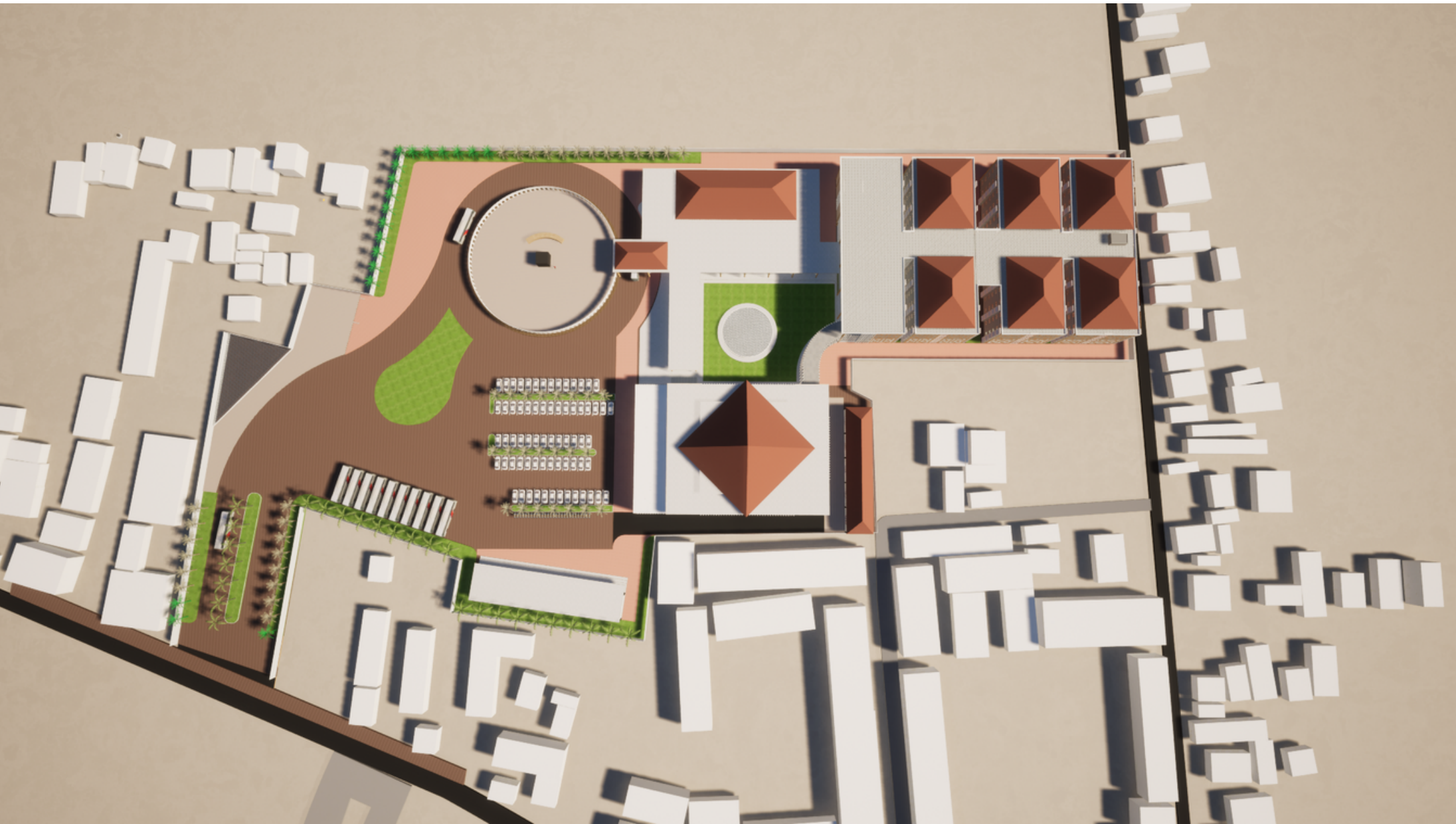
Ketentuan-ketentuan mengenai peraturan bangunan setempat digunakan peraturan yang dikeluarkan oleh pemerintah kota Kediri yaitu Peraturan Daerah Kabupaten Kediri Nomor 14 Tahun 2011 Tentang RTRW Kabupaten Kediri Tahun 2010-2030 adalah sebagai berikut : 50% KDB, KLB 2, dan GSB 10 meter. Tabel dibawah ini menunjukkan bahwa rancangan Asrama Haji Embarkasi Kediri tidak melebihi dari batasan regulasi yang telah ditetapkan oleh pemerintah setempat.

	ASRAMA	MASJID	KLINIK & OFFICE	LUAS
GROUND FLOOR				11462,82
LT2	4165,908	758,4	778,04	5702,348
LT3	4165,908	2415,951		6581,859
LT4	4165,908	1595,795		5761,703
LT5	4165,908			4165,908
TOTAL LUAS				33674,638
LUAS LAHAN				34103,711
KLB				0,987418583 
KDB				0,340399205 

Tabel 4.1: Property Size Hasil Rancangan

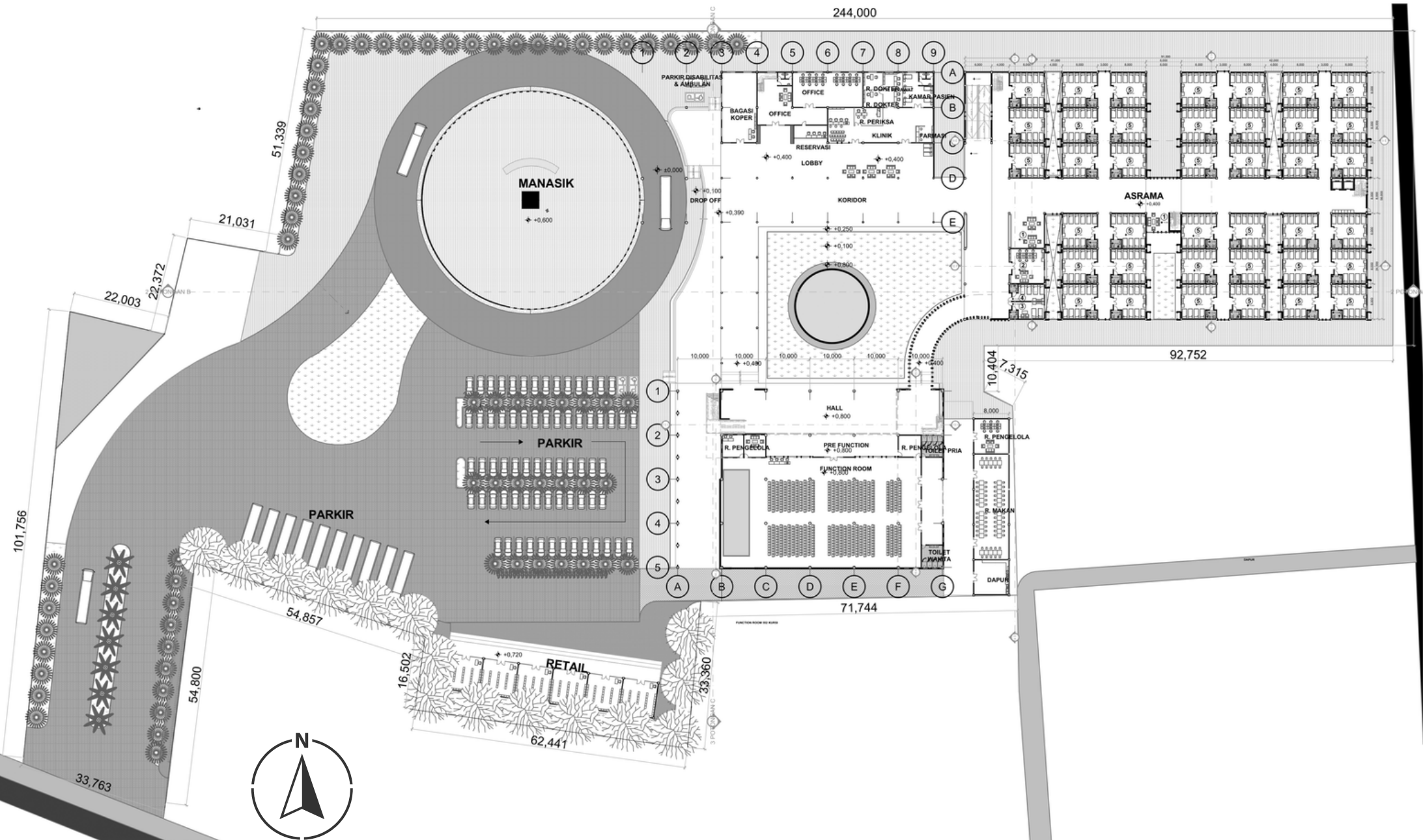
Sumber: Penulis

SITUASI



Gambar 4.1: Situasi
Sumber: Penulis

Siteplan



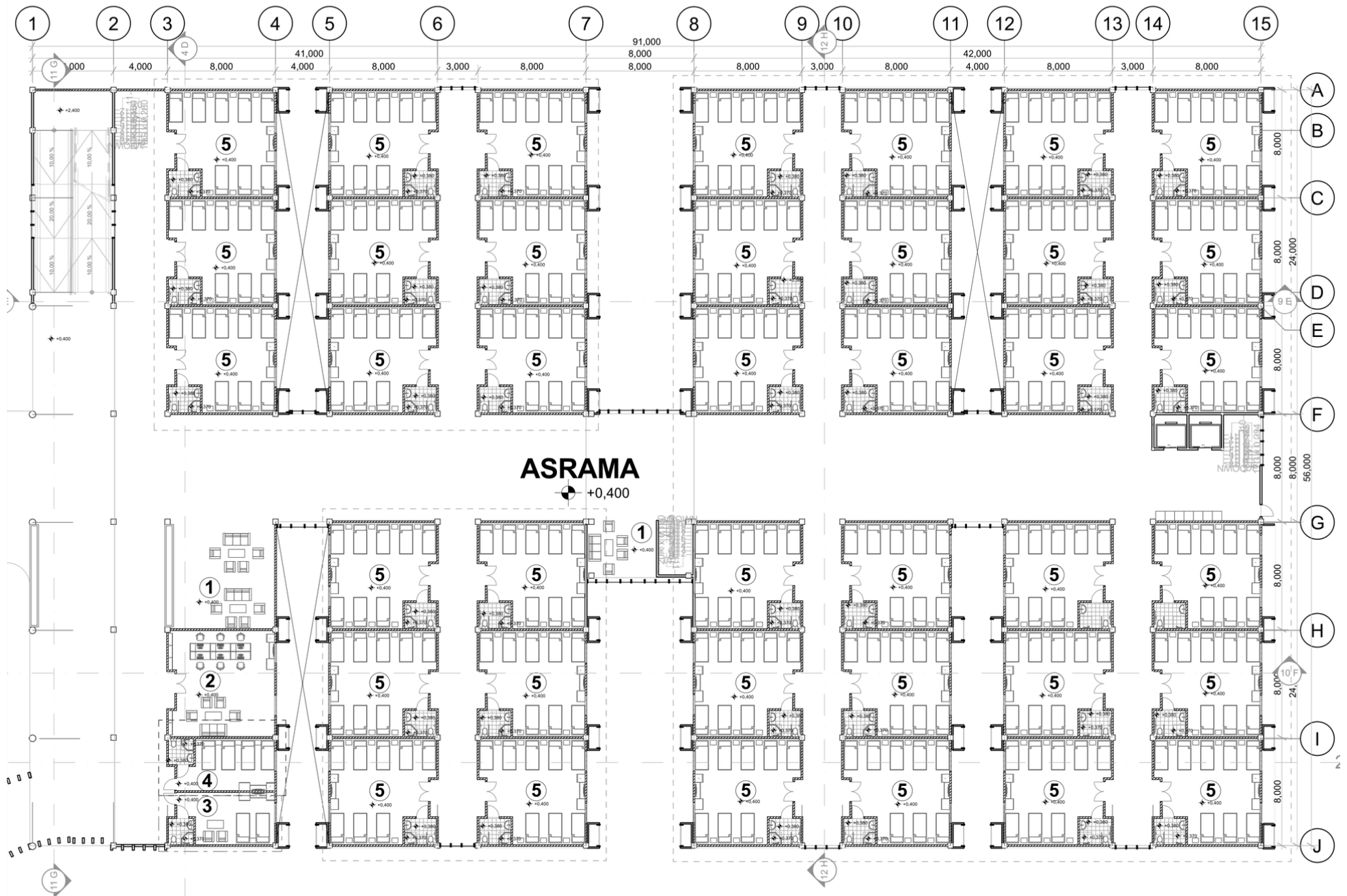
SITEPLAN

1:655,77

Gambar 4.2: Siteplan

Sumber: Penulis

DENAH GROUND FLOOR ASRAMA

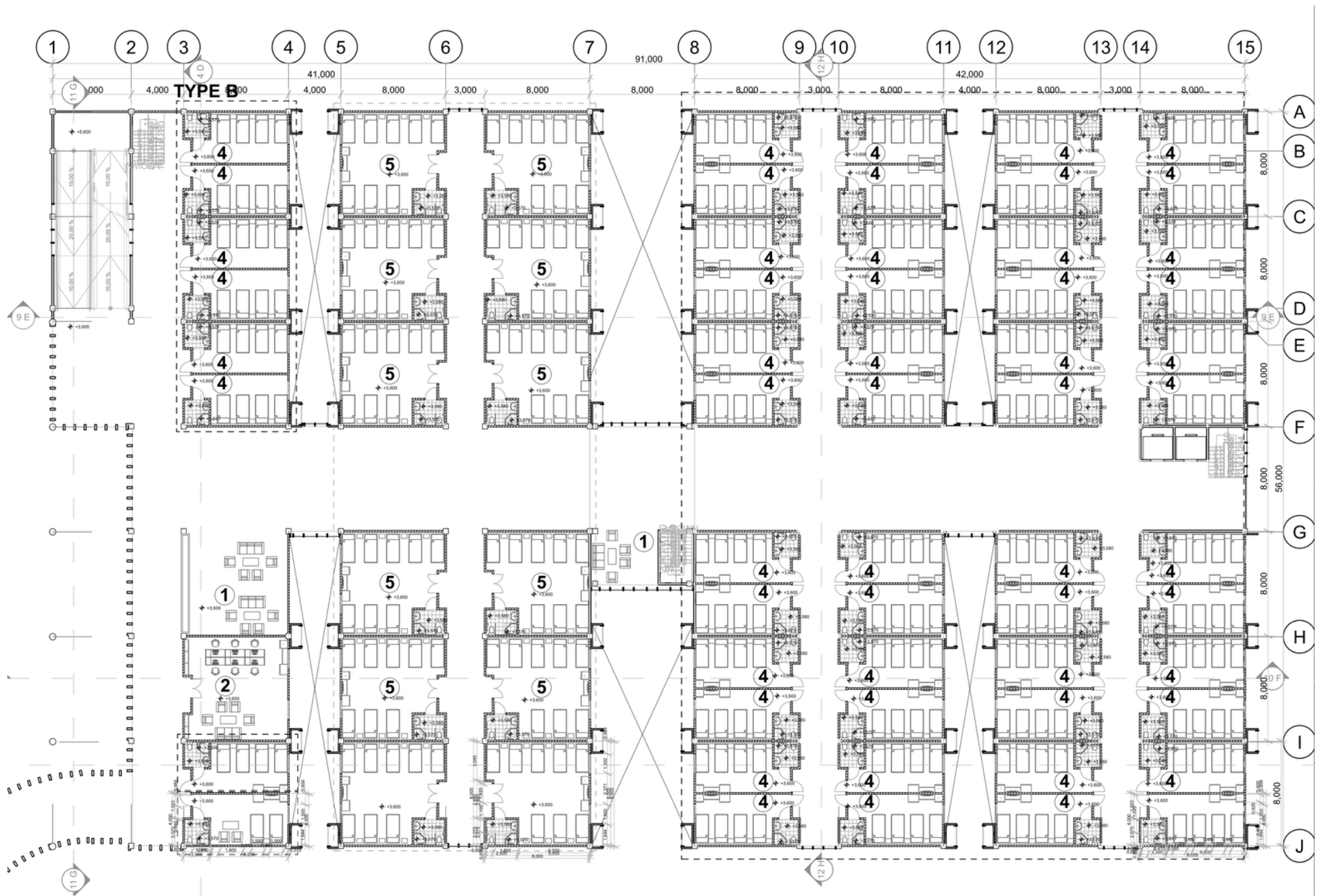


Gambar 4.3: Denah Ground Floor Asrama
Sumber: Penulis

KETERANGAN :

- ① GATHERING SPACE
- ② KANTOR PETUGAS & PENDAMPING
- ③ KAMAR TYPE A
- ④ KAMAR TYPE B
- ⑤ KAMAR TYPE C

DENAH LANTAI 2 ASRAMA

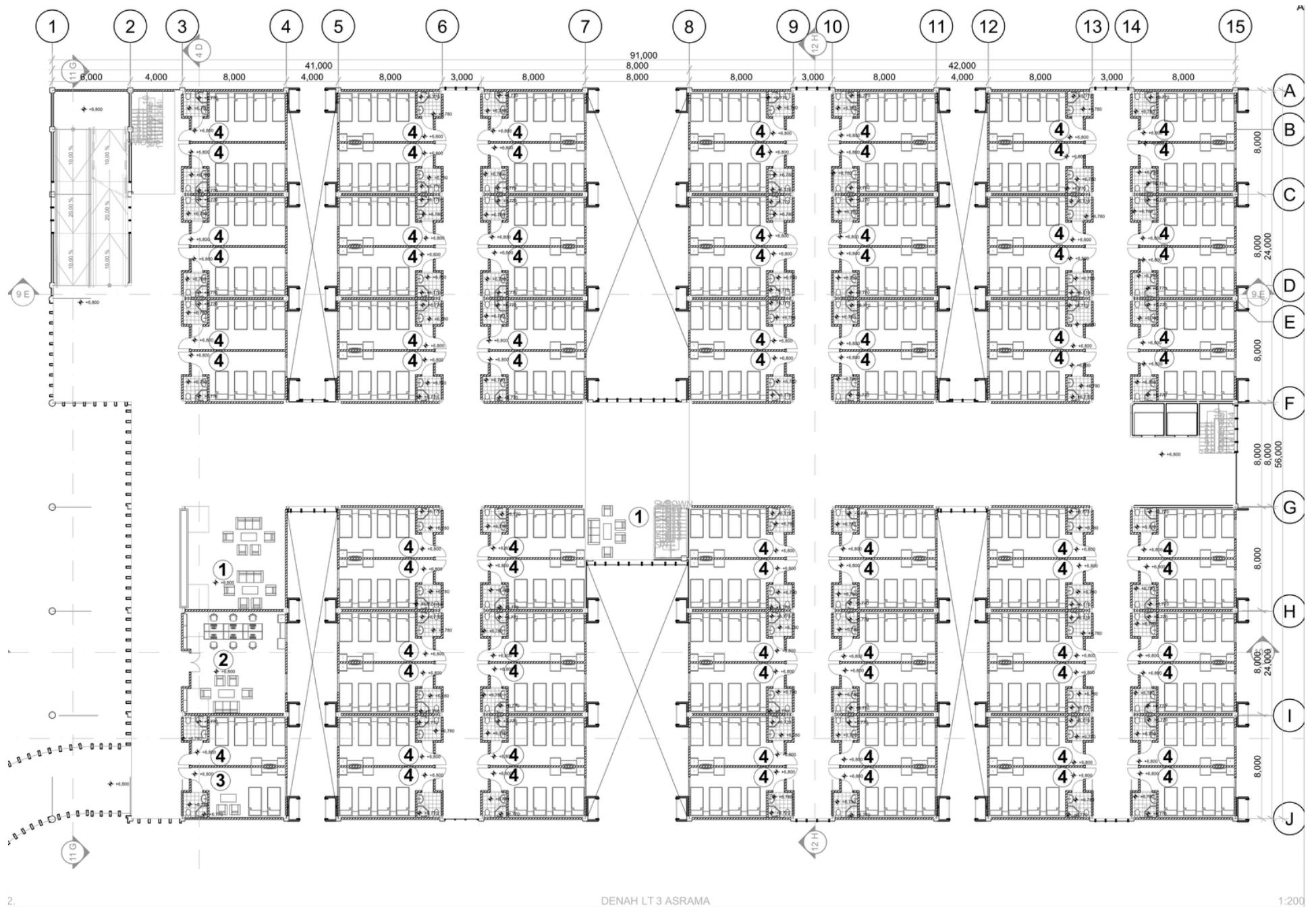


KETERANGAN :

- ① GATHERING SPACE
- ② KANTOR PETUGAS & PENDAMPING
- ③ KAMAR TYPE A
- ④ KAMAR TYPE B
- ⑤ KAMAR TYPE C

Gambar 4.4: Denah Lantai 2 Asrama
Sumber: Penulis

DENAH LANTAI 3 ASRAMA

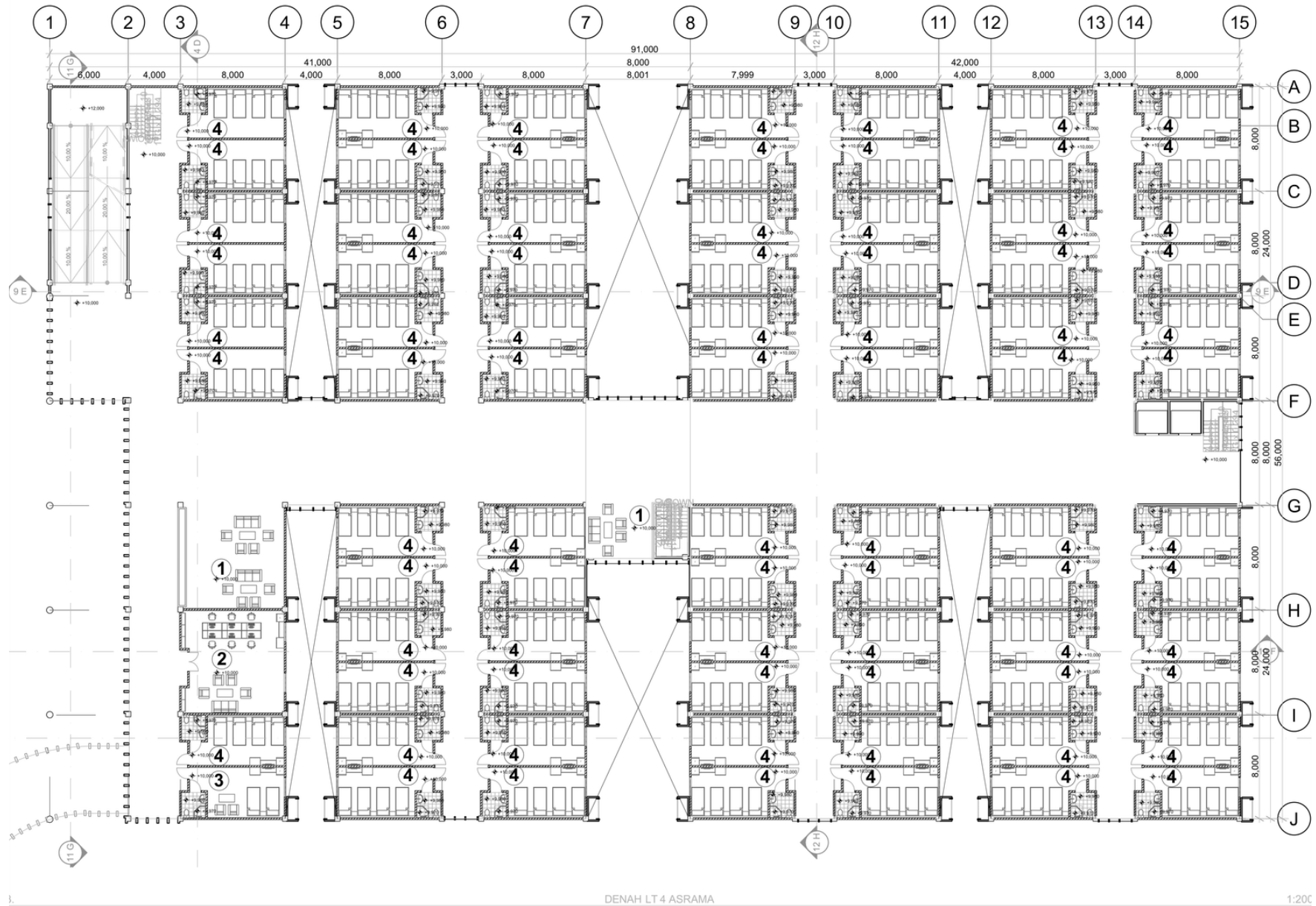


KETERANGAN :

- ① GATHERING SPACE
- ② KANTOR PETUGAS & PENDAMPING
- ③ KAMAR TYPE A
- ④ KAMAR TYPE B
- ⑤ KAMAR TYPE C

Gambar 4.5: Denah Lantai 3 Asrama
Sumber: Penulis

DENAH LANTAI 4 ASRAMA

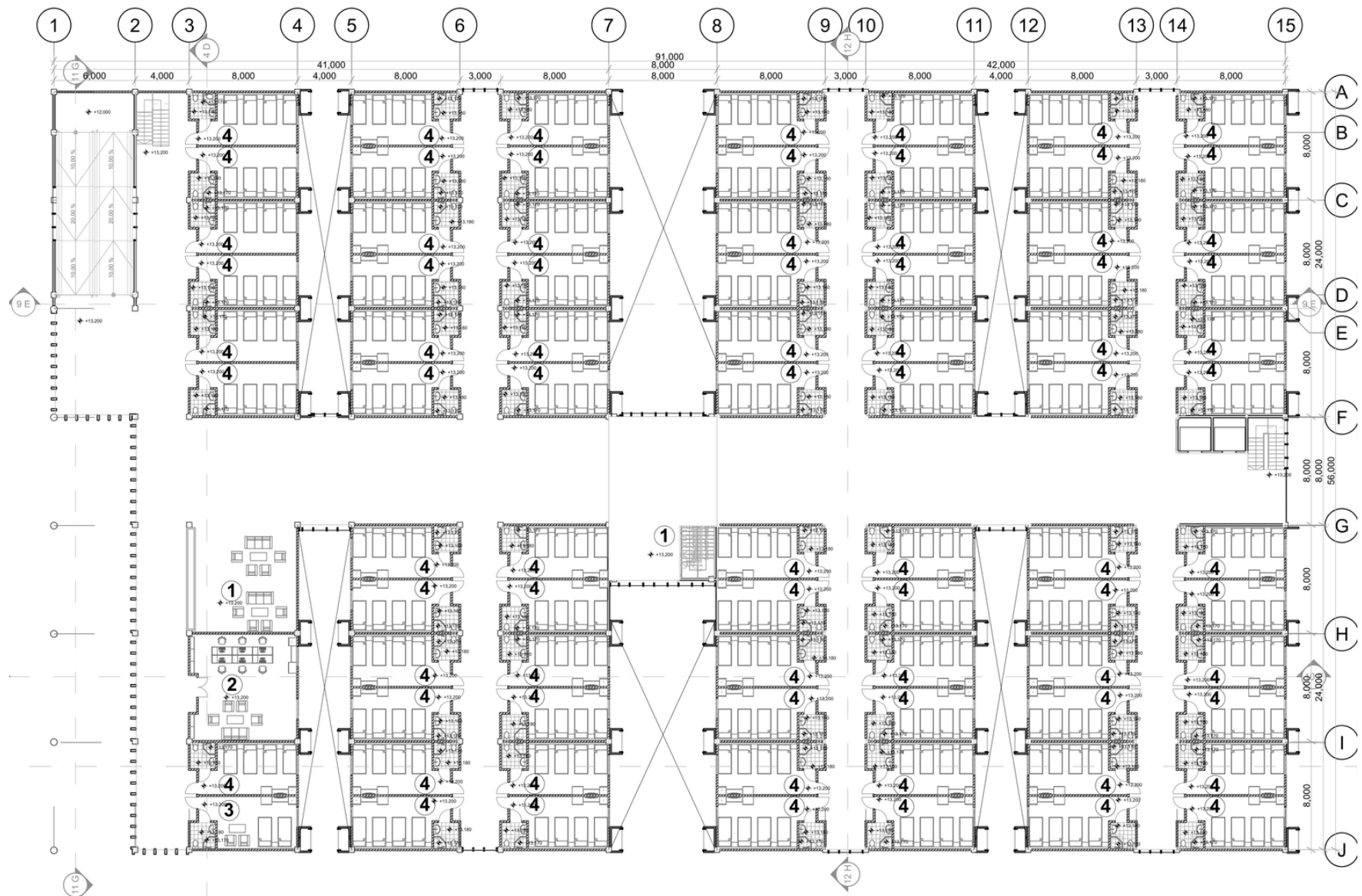


KETERANGAN :

- ① GATHERING SPACE
- ② KANTOR PETUGAS & PENDAMPING
- ③ KAMAR TYPE A
- ④ KAMAR TYPE B
- ⑤ KAMAR TYPE C

Gambar 4.6: Denah Lantai 4 Asrama
Sumber: Penulis

DENAH LANTAI 5 ASRAMA



4.

DENAH LT 5 ASRAMA

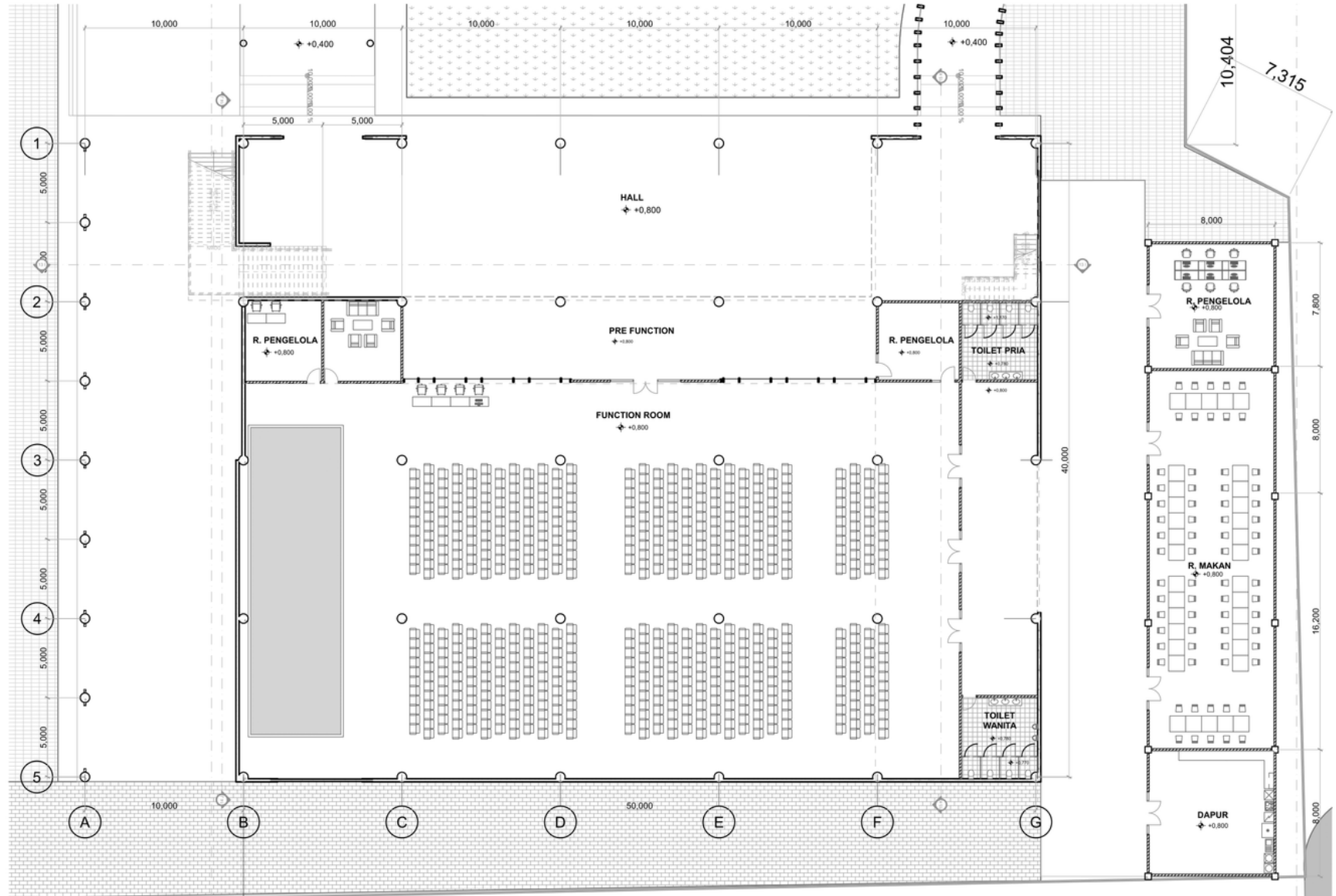
1:200

KETERANGAN :

- ① GATHERING SPACE
- ② KANTOR PETUGAS & PENDAMPING
- ③ KAMAR TYPE A
- ④ KAMAR TYPE B
- ⑤ KAMAR TYPE C

Gambar 4.7: Denah Lantai 5 Asrama
Sumber: Penulis

DENAH GROUND FLOOR FUNCTION ROOM



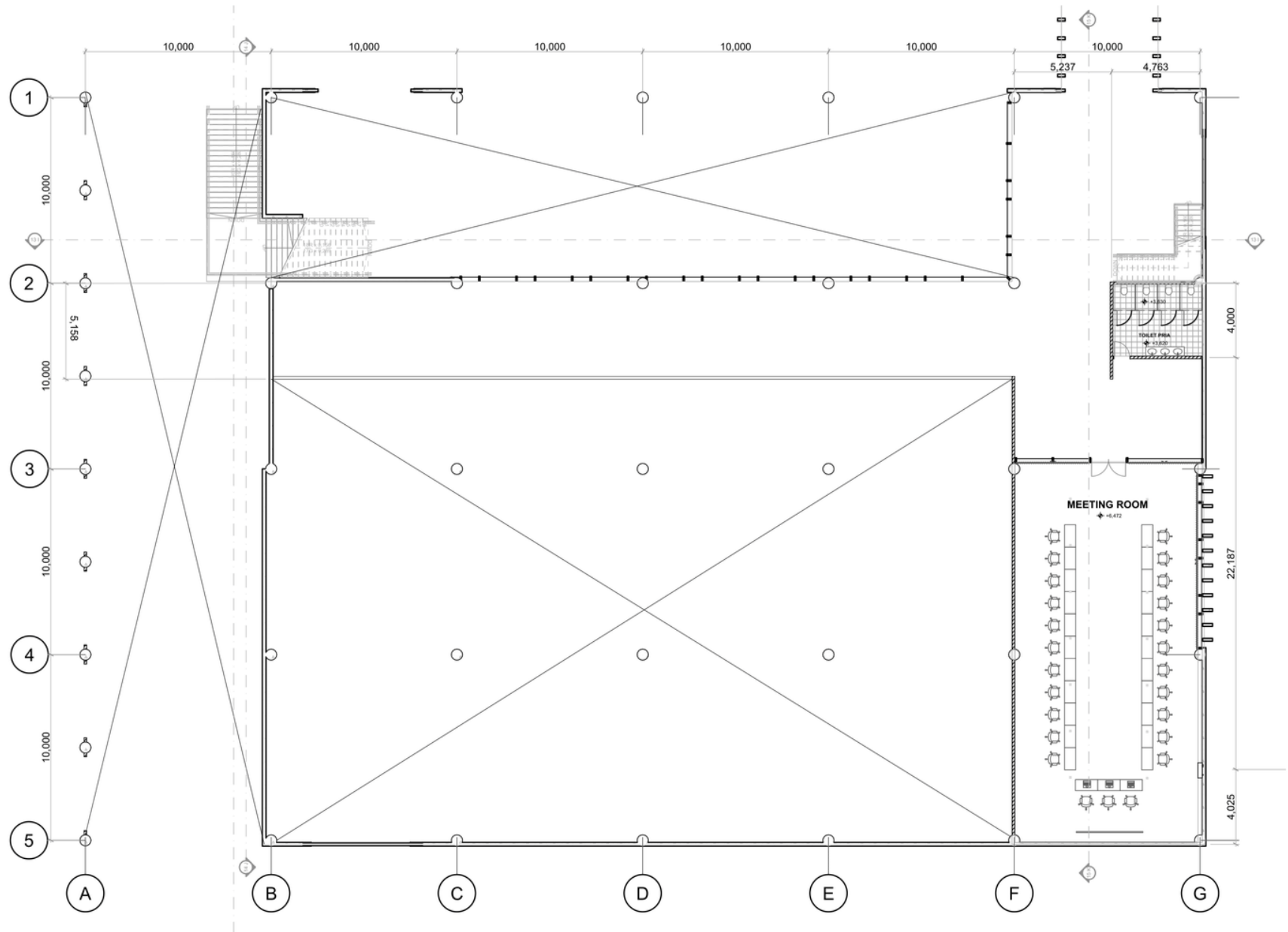
0.

DENAH GROUND FLOOR FUNCTION ROOM

1:200

Gambar 4.8: Denah Ground Floor Function Room
Sumber: Penulis

DENAH LANTAI 2 FUNCTION ROOM



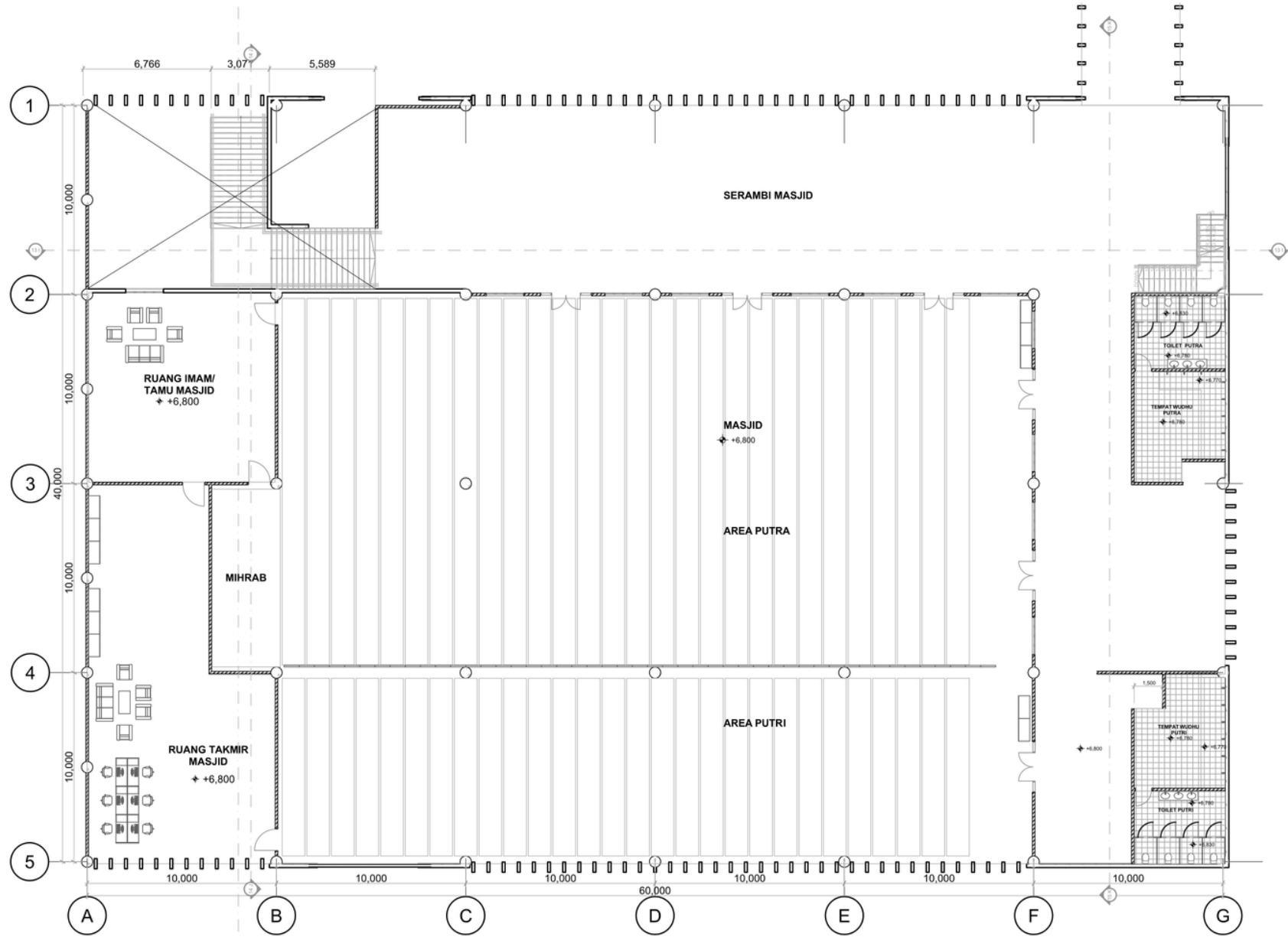
1.

DENAH LT 2 FUNCTION ROOM

1:200

Gambar 4.9: Denah Lantai 2 Function Room
Sumber: Penulis

DENAH LANTAI 3 MASJID



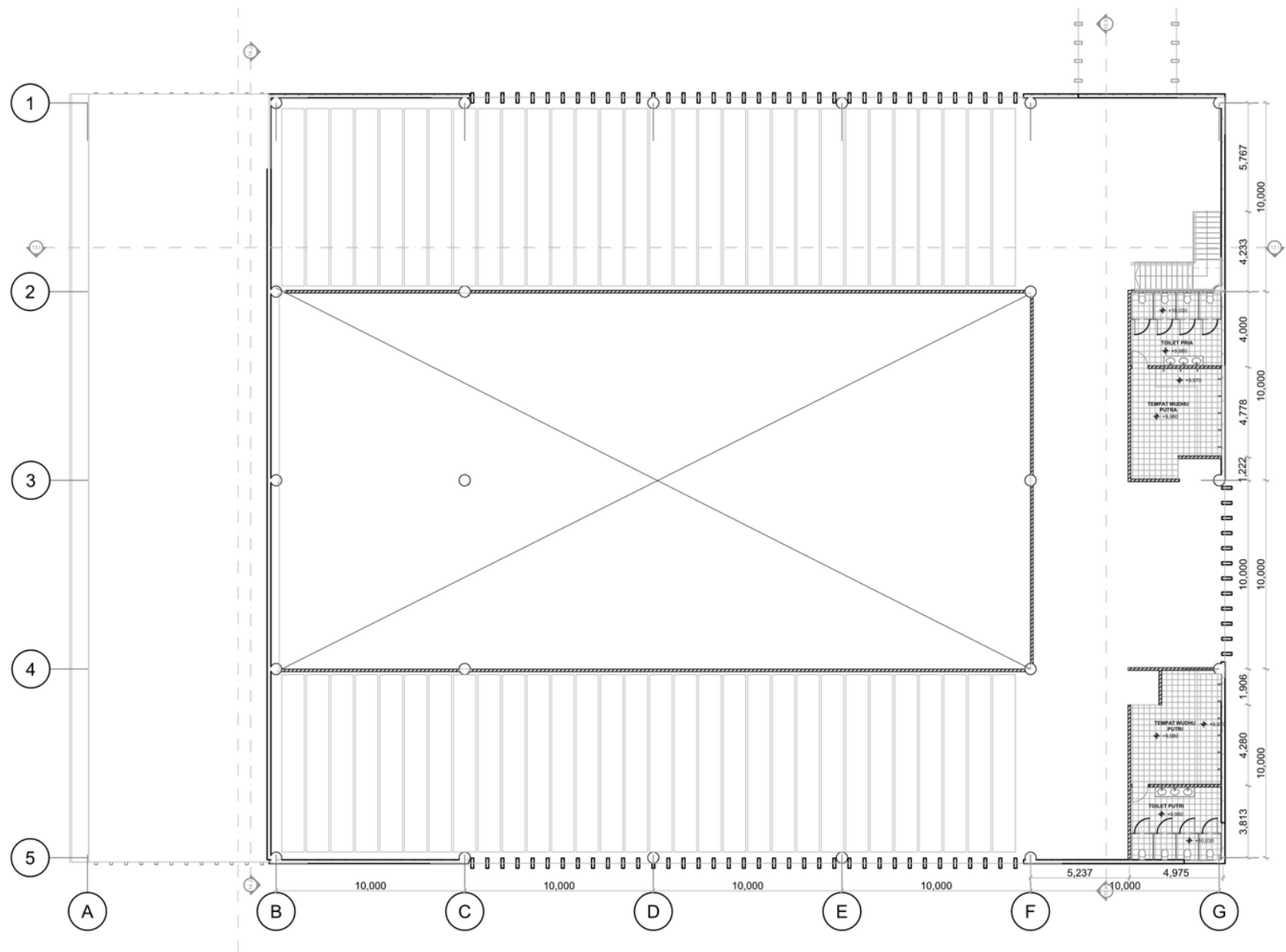
2.

DENAH LT 4 MASJID

1:200

Gambar 4.10: Denah Lantai 3 Masjid
Sumber: Penulis

DENAH LANTAI 4 MASJID



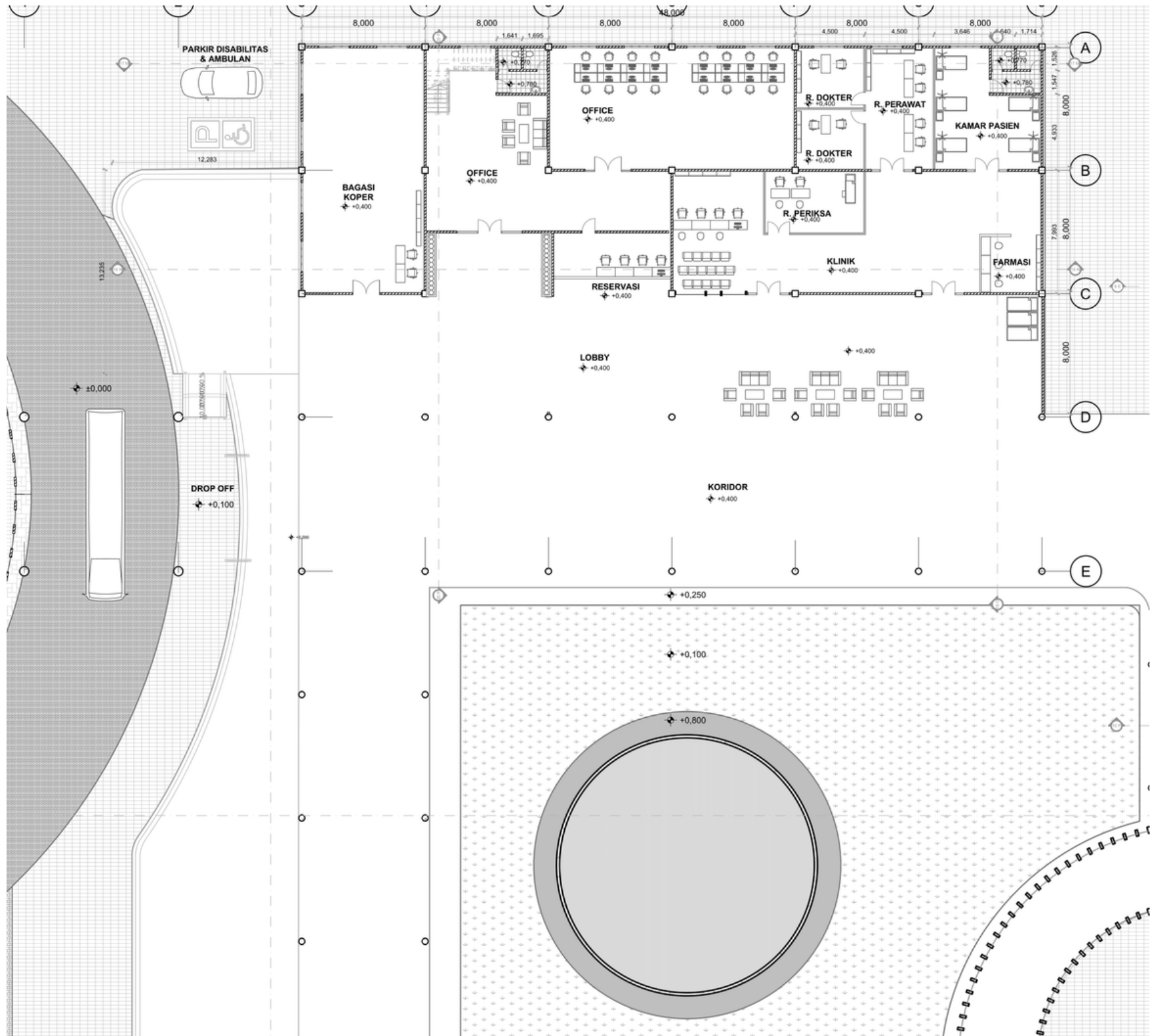
3.

DENAH LT 4 MASJID

1:200

Gambar 4.11: Denah Lantai 4 Masjid
Sumber: Penulis

DENAH GROUND FLOOR OFFICE & KLINIK

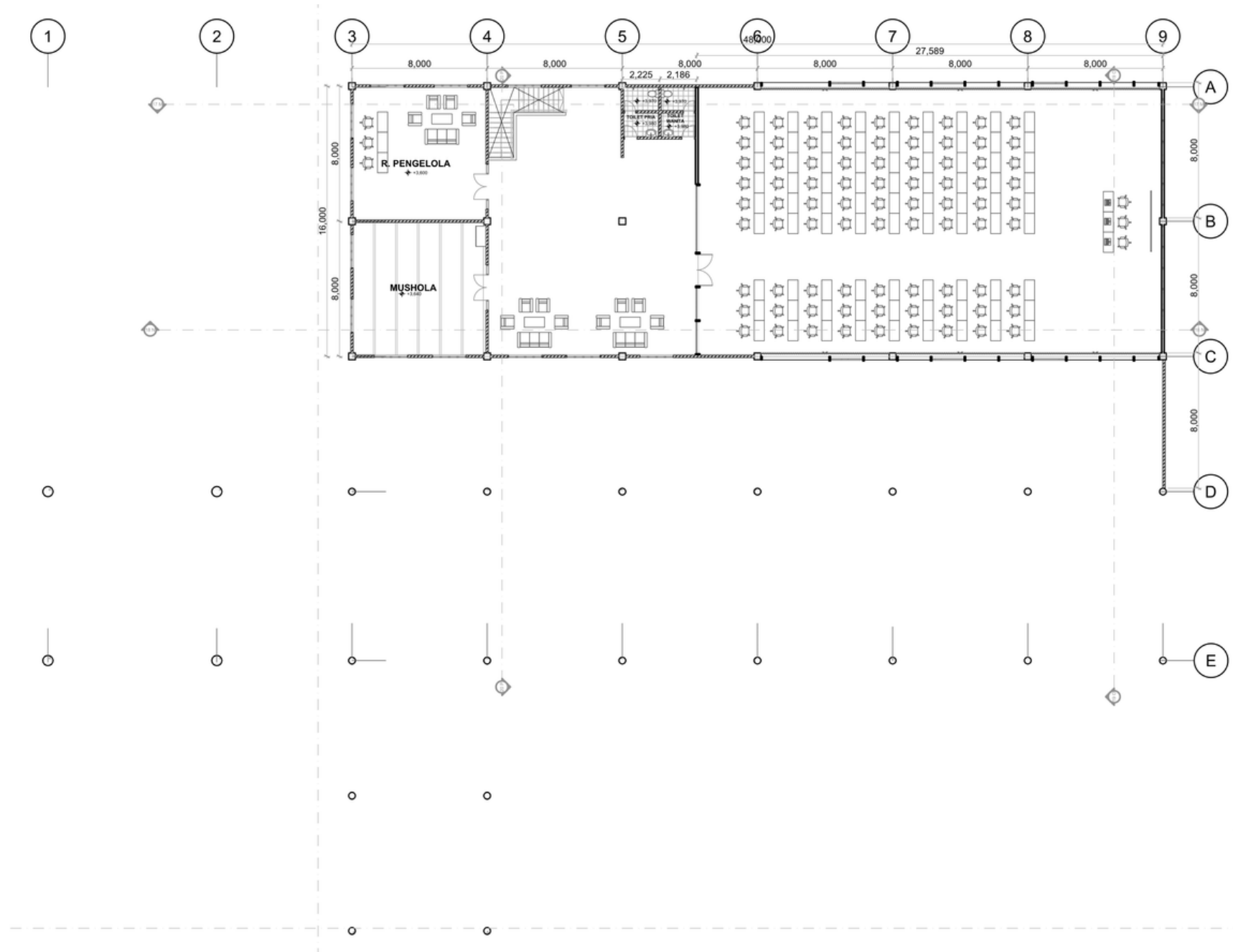


DENAH GF KLINIK & OFFICE

1:200

Gambar 4.12: Denah Ground Floor Klinik & Office
Sumber: Penulis

DENAH LANTAI 2 OFFICE & KLINIK



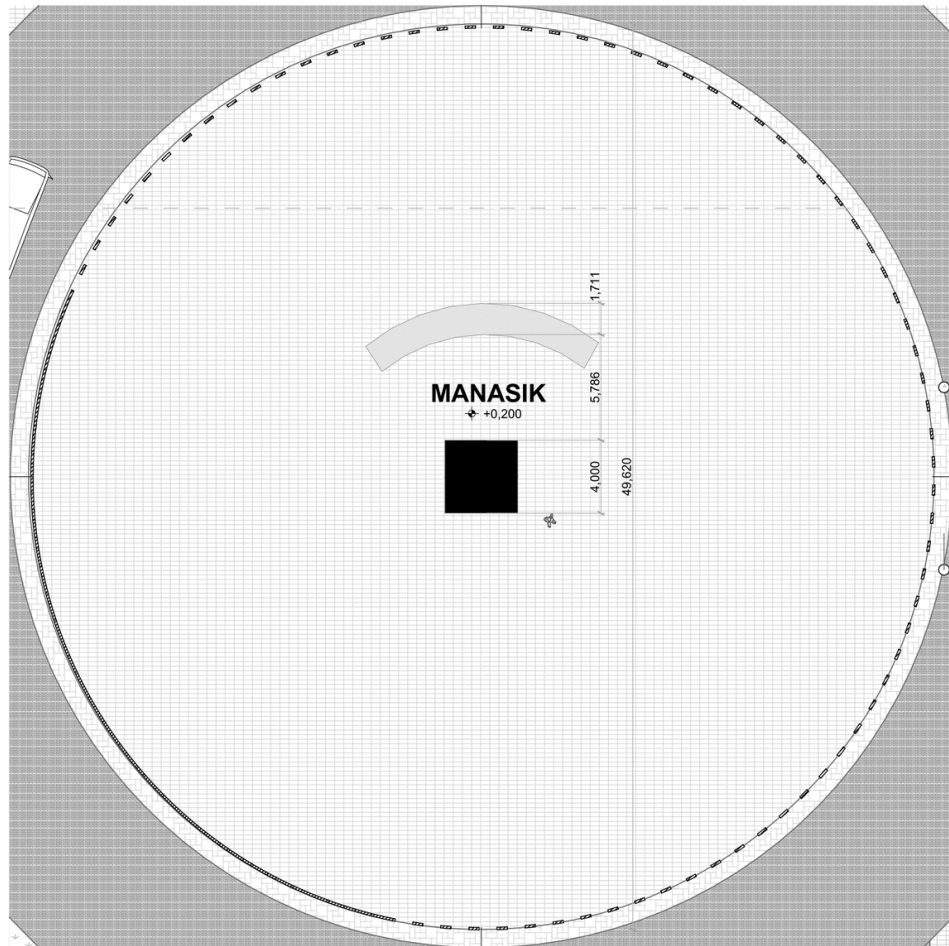
1.

DENAH LT2 KLINIK & OFFICE

1:200

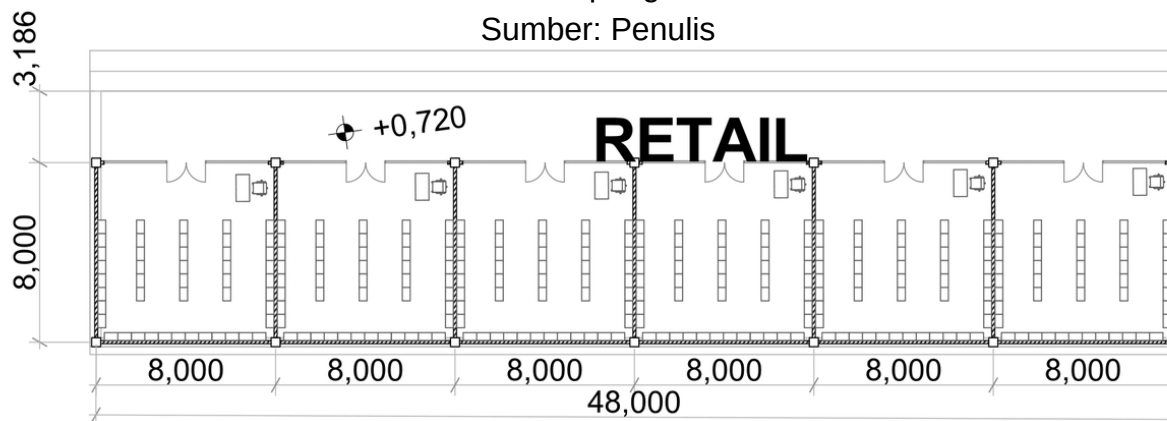
Gambar 4.13: Denah Lantai 2 Klinik & Office
Sumber: Penulis

DENAH LAPANGAN MANASIK | RETAIL | RUANG MAKAN & DAPUR



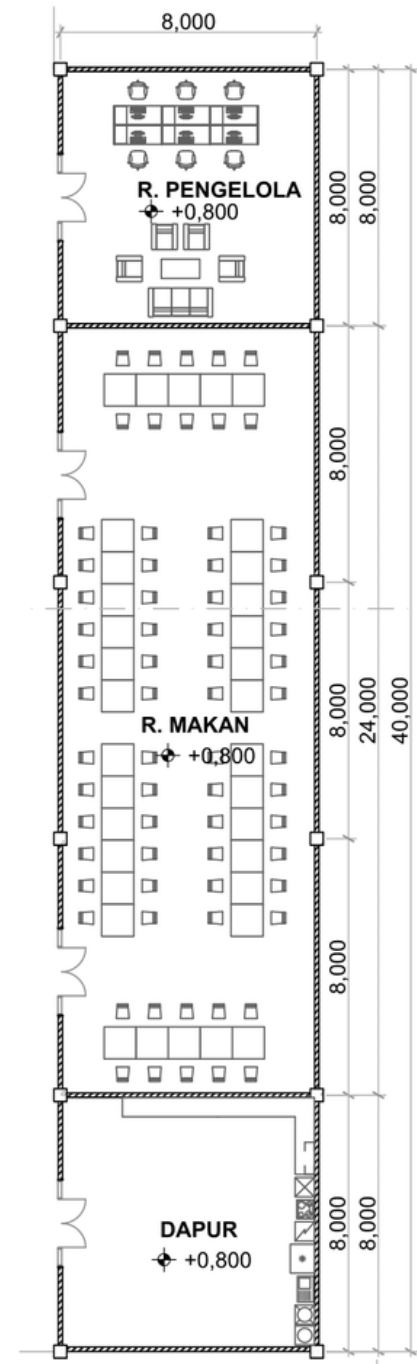
0. DENAH LAPANGAN MANASIK 1:250

Gambar 4.14: Denah Lapangan Praktek Manasik
Sumber: Penulis



DENAH RETAIL
1:250

Gambar 4.15: Denah Retail
Sumber: Penulis

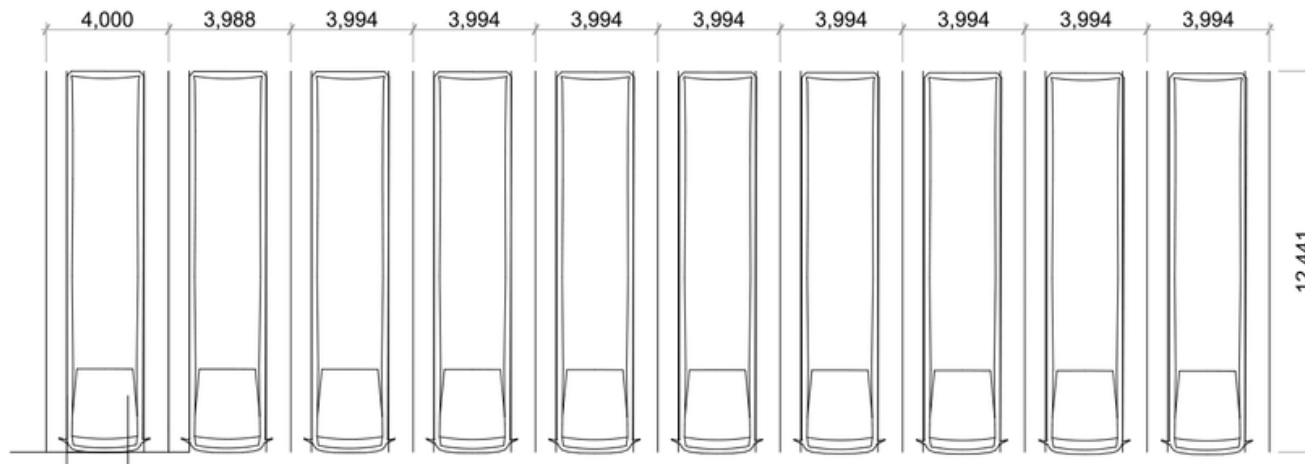


0. DENAH DAPUR 1:250

Gambar 4.16: Denah Dapur & Ruang Makan
Sumber: Penulis

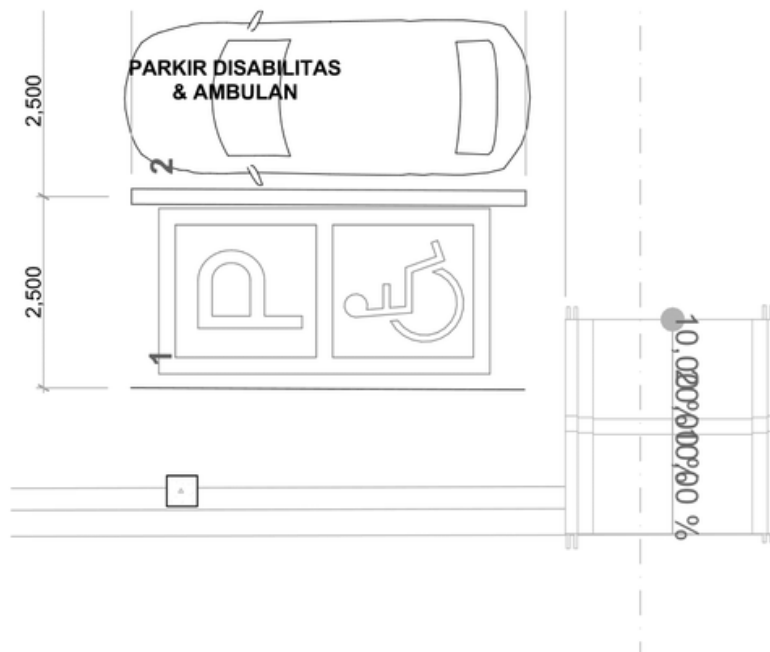
DENAH PARKIR

PARKIR BUS



0. DENAH PARKIR BUS
1:250

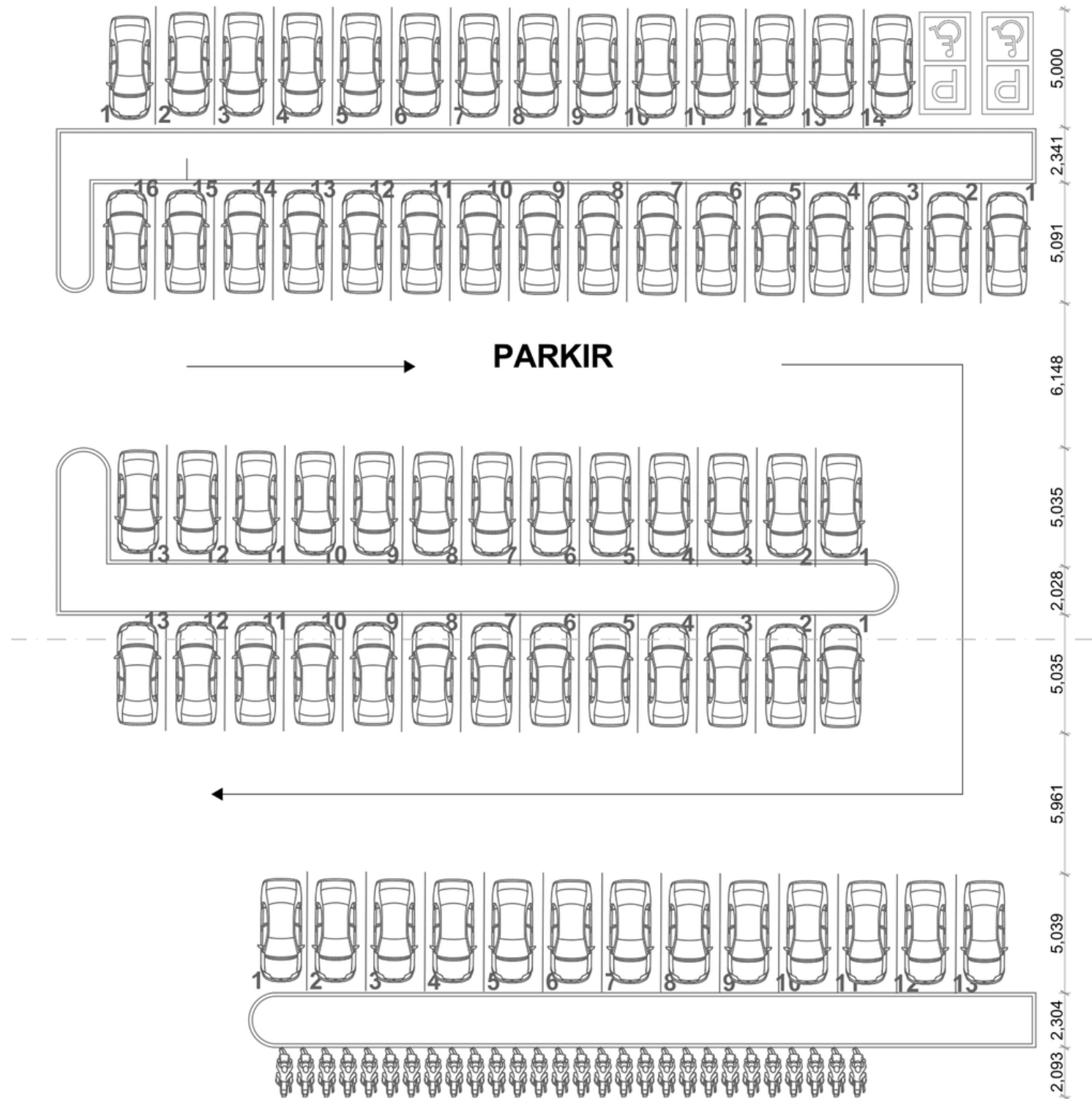
Gambar 4.17.1: Denah Parkir Bus
Sumber: Penulis



0. DENAH PARKIR DISABILITAS 1:100

Gambar 4.17.2: Denah Parkir Disabilitas
Sumber: Penulis

DENAH PARKIR



0.

DENAH PARKIR MOBIL & MOTOR

1:250

Gambar 4.17.3: Denah Parkir Mobil & Motor

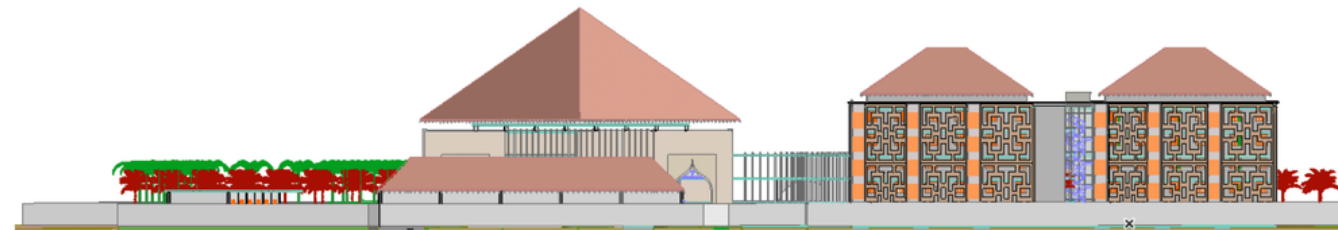
Sumber: Penulis

TAMPAK KAWASAN



TAMPAK KAWASAN UTARA

Gambar 4.18: Tampak Utara Kawasan
Sumber: Penulis



TAMPAK KAWASAN TIMUR

Gambar 4.19: Tampak Timur Kawasan
Sumber: Penulis



TAMPAK KAWASAN SELATAN

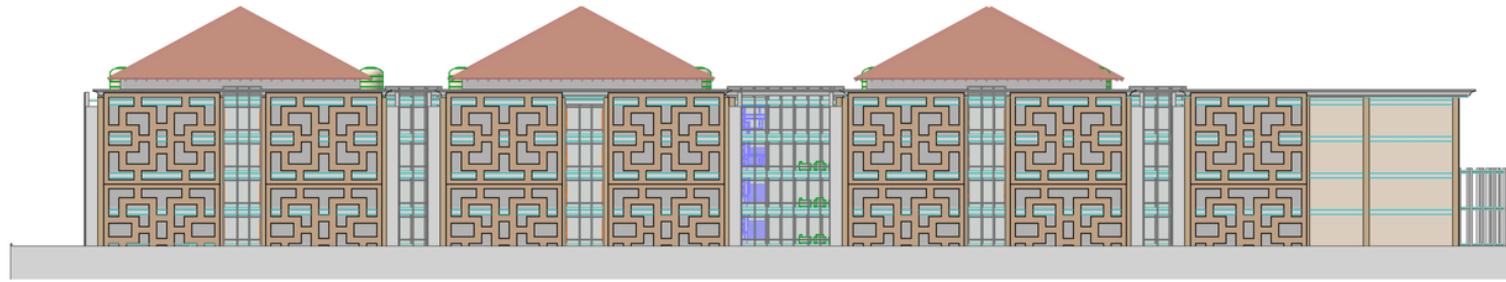
Gambar 4.20: Tampak Selatan Kawasan
Sumber: Penulis



TAMPAK KAWASAN BARAT

Gambar 4.21: Tampak Barat Kawasan
Sumber: Penulis

TAMPAK BANGUNAN ASRAMA

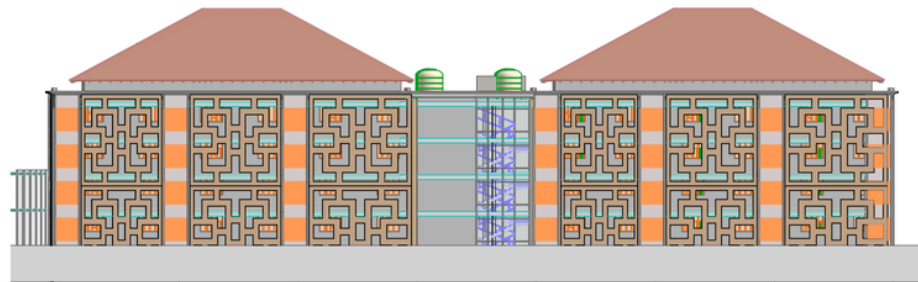


D23

TAMPAK ASRAMA UTARA

1:400

Gambar 4.22: Tampak Utara Asrama Sumber: Penulis

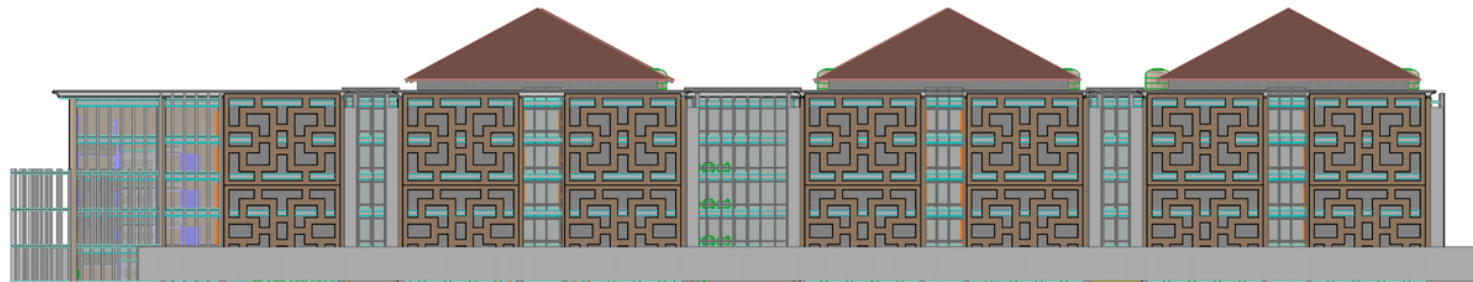


D24

TAMPAK TIMUR ASRAMA

1:400

Gambar 4.23: Tampak Timur Asrama Sumber: Penulis

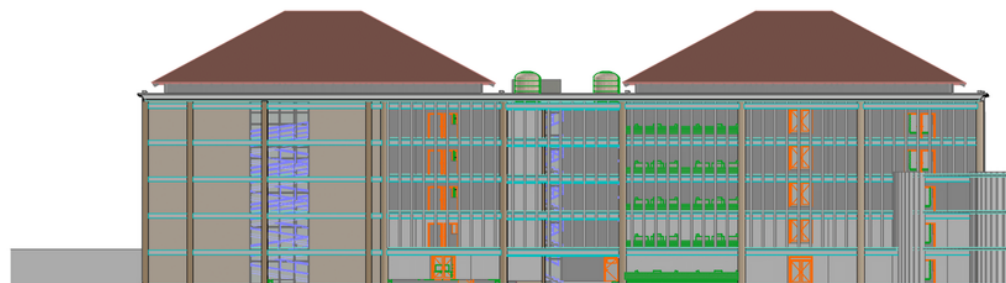


D21

TAMPAK ASRAMA SELATAN

1:400

Gambar 4.24: Tampak Selatan Asrama Sumber: Penulis



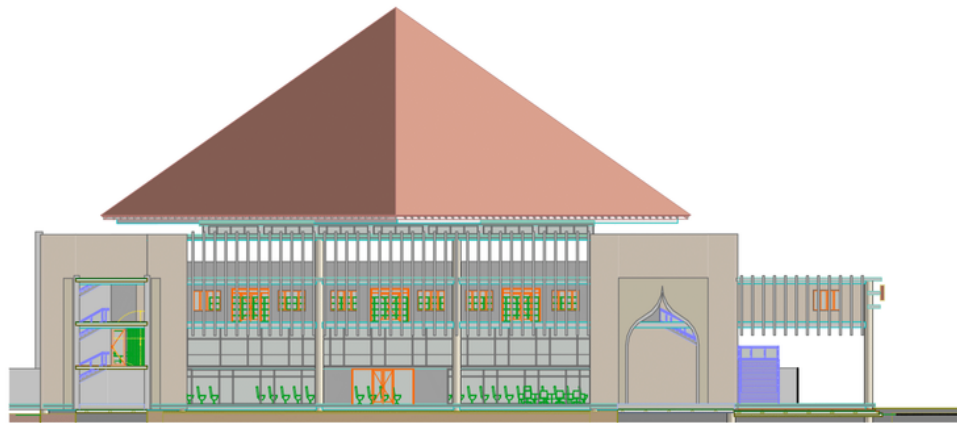
D22

TAMPAK ASRAMA BARAT

1:400

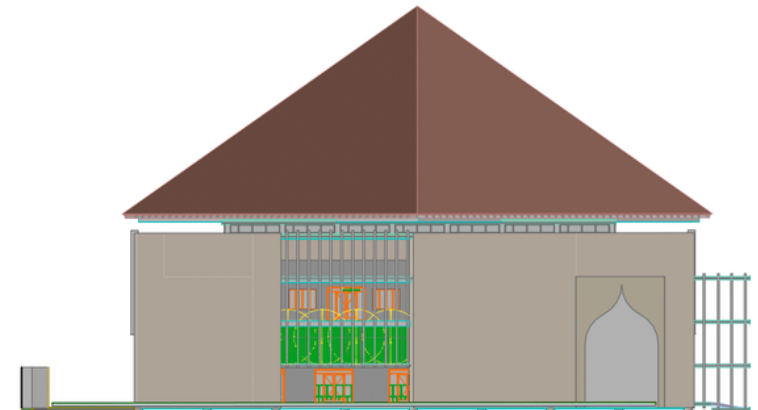
Gambar 4.25: Tampak Barat Asrama Sumber: Penulis

TAMPAK BANGUNAN MASJID



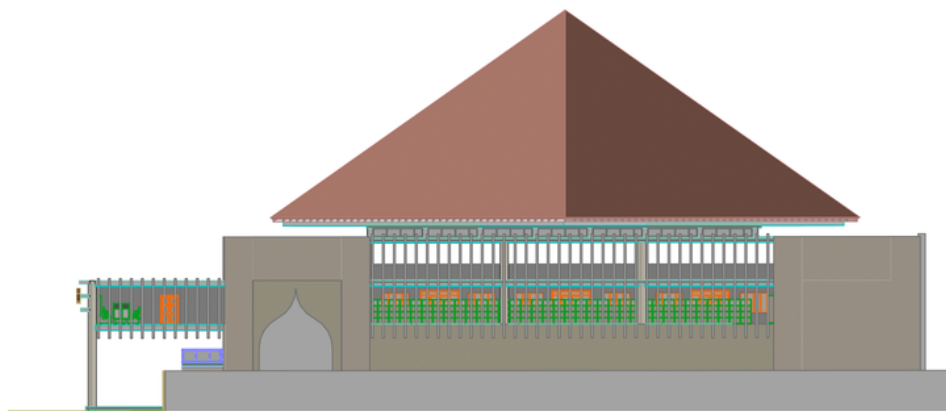
D9 TAMPAK UTARA MASJID 1:400

Gambar 4.26: Tampak Utara Function Room & Masjid
Sumber: Penulis



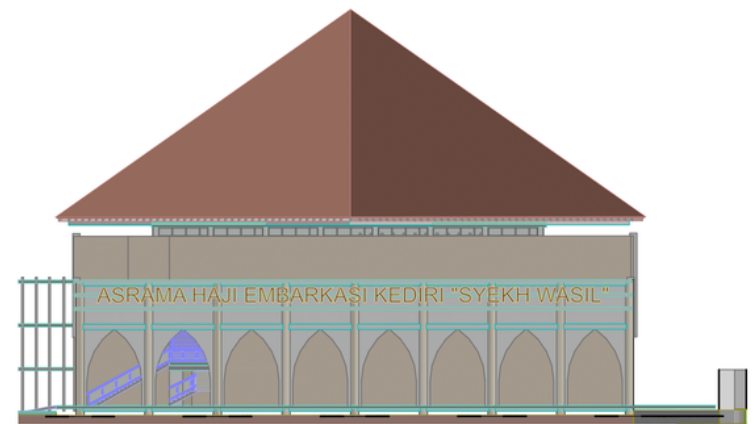
D10 TAMPAK TIMUR MASJID 1:400

Gambar 4.27: Tampak Timur Function Room & Masjid
Sumber: Penulis



D11 TAMPAK SELATAN MASJID 1:400

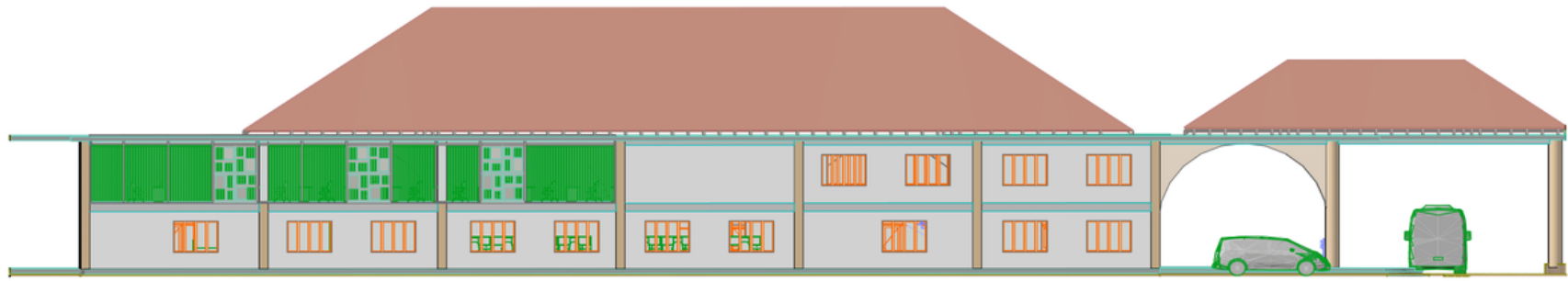
Gambar 4.28: Tampak Selatan Function Room & Masjid
Sumber: Penulis



D12 TAMPAK BARAT MASJID 1:400

Gambar 4.29: Tampak Barat Function Room & Masjid
Sumber: Penulis

TAMPAK BANGUNAN OFFICE & KLINIK



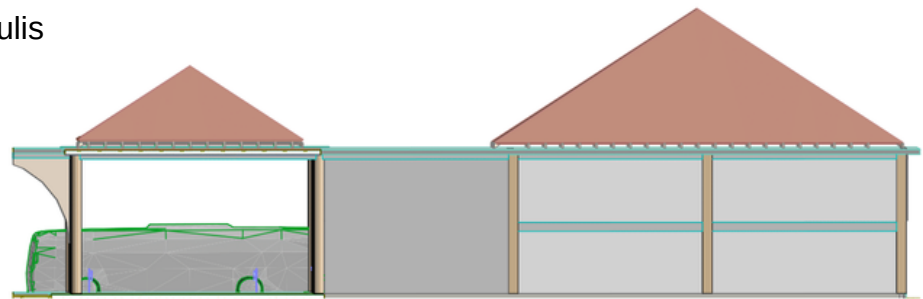
D13

TAMPAK UTARA KLINIK & OFFICE (1)

1:250

Gambar 4.30: Tampak Utara Klinik & Office
Sumber: Penulis

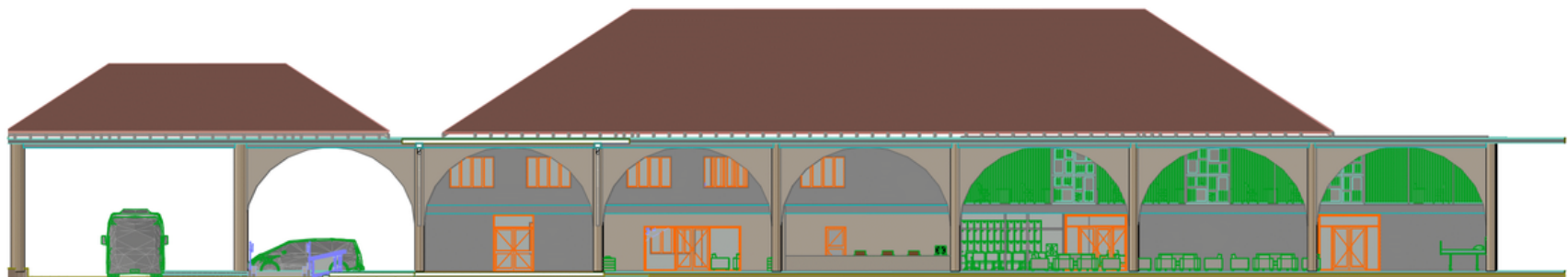
Gambar 4.31: Tampak Timur Klinik & Office
Sumber: Penulis



D14

TAMPAK TIMUR KLINIK & OFFICE

1:250



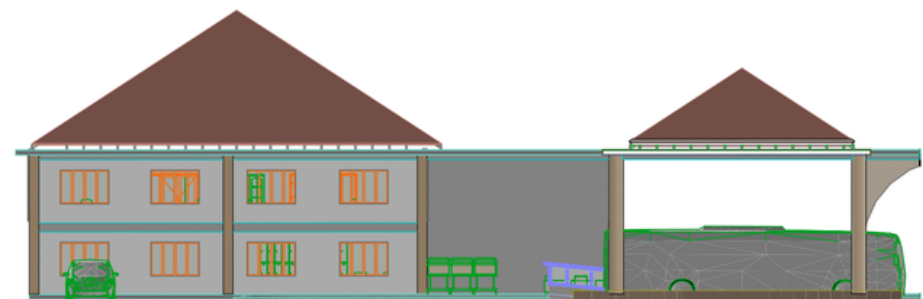
D15

TAMPAK SELATAN KLINIK & OFFICE (1)

1:250

Gambar 4.32: Tampak Selatan Klinik & Office
Sumber: Penulis

Gambar 4.33: Tampak Barat Klinik & Office
Sumber: Penulis

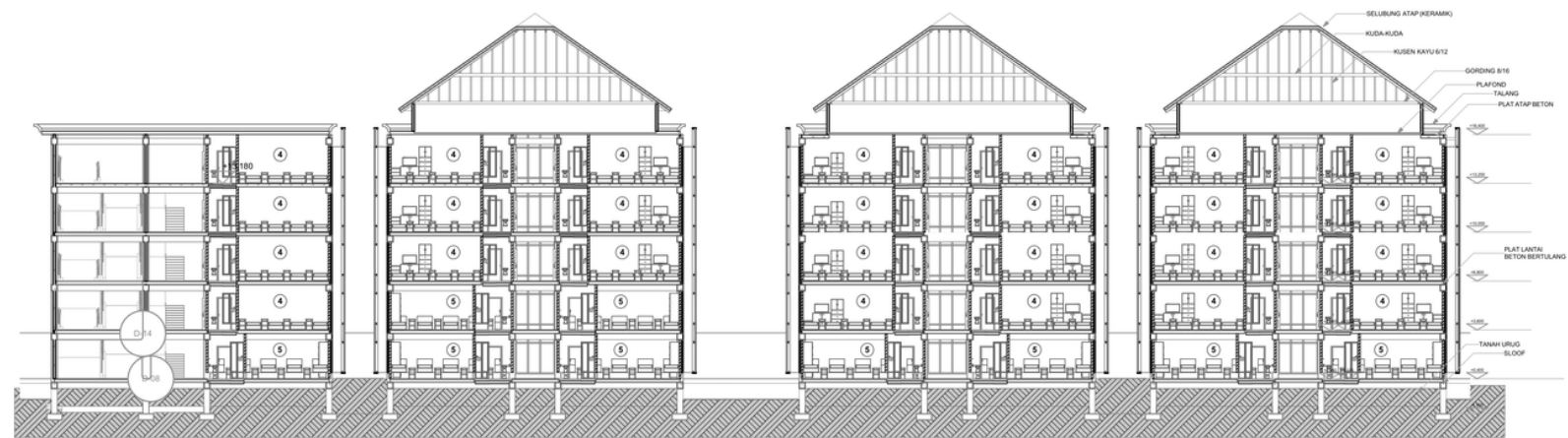


D16

TAMPAK BARAT KLINIK & OFFICE

1:250

POTONGAN BANGUNAN ASRAMA



9

POTONGAN E-E'

1:250

Gambar 4.34: Potongan Asrama E-E'
Sumber: Penulis



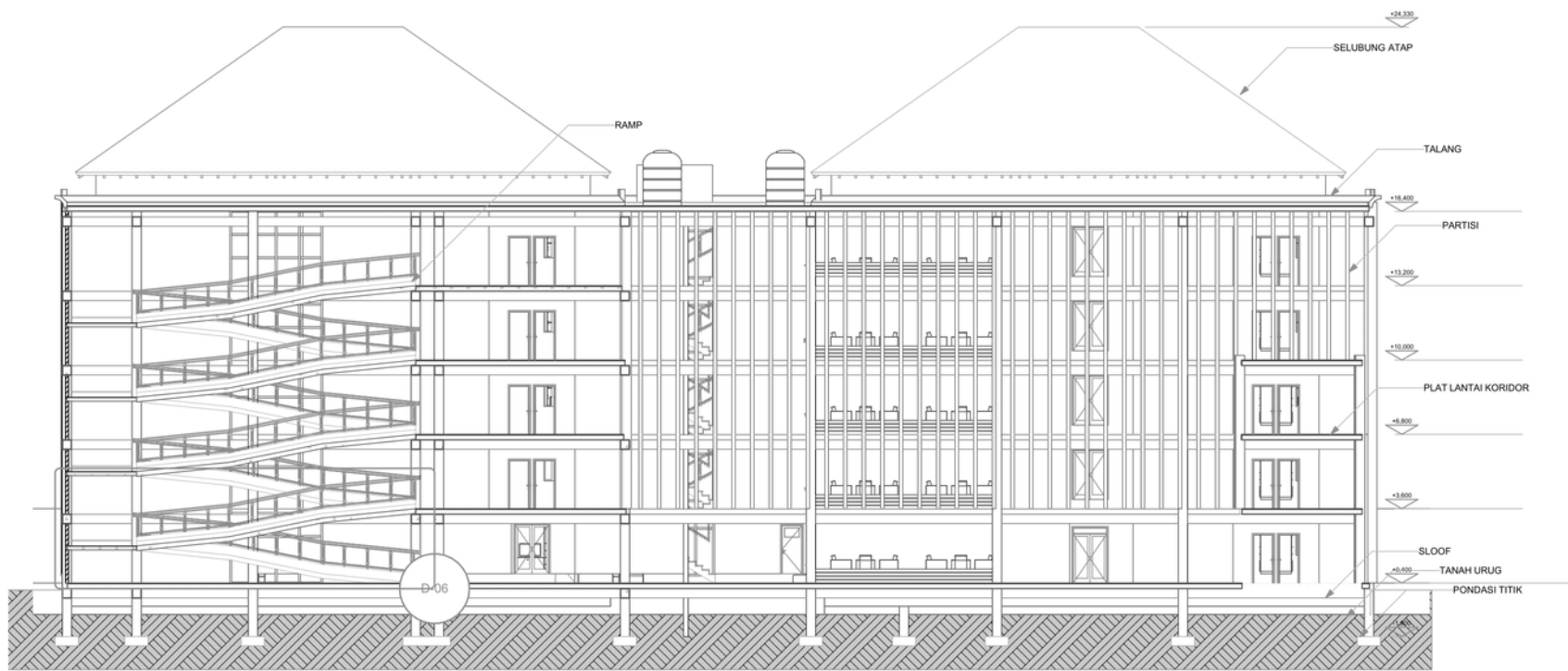
10

POTONGAN F-F'

1:250

Gambar 4.35: Potongan Asrama F-F'
Sumber: Penulis

POTONGAN BANGUNAN ASRAMA

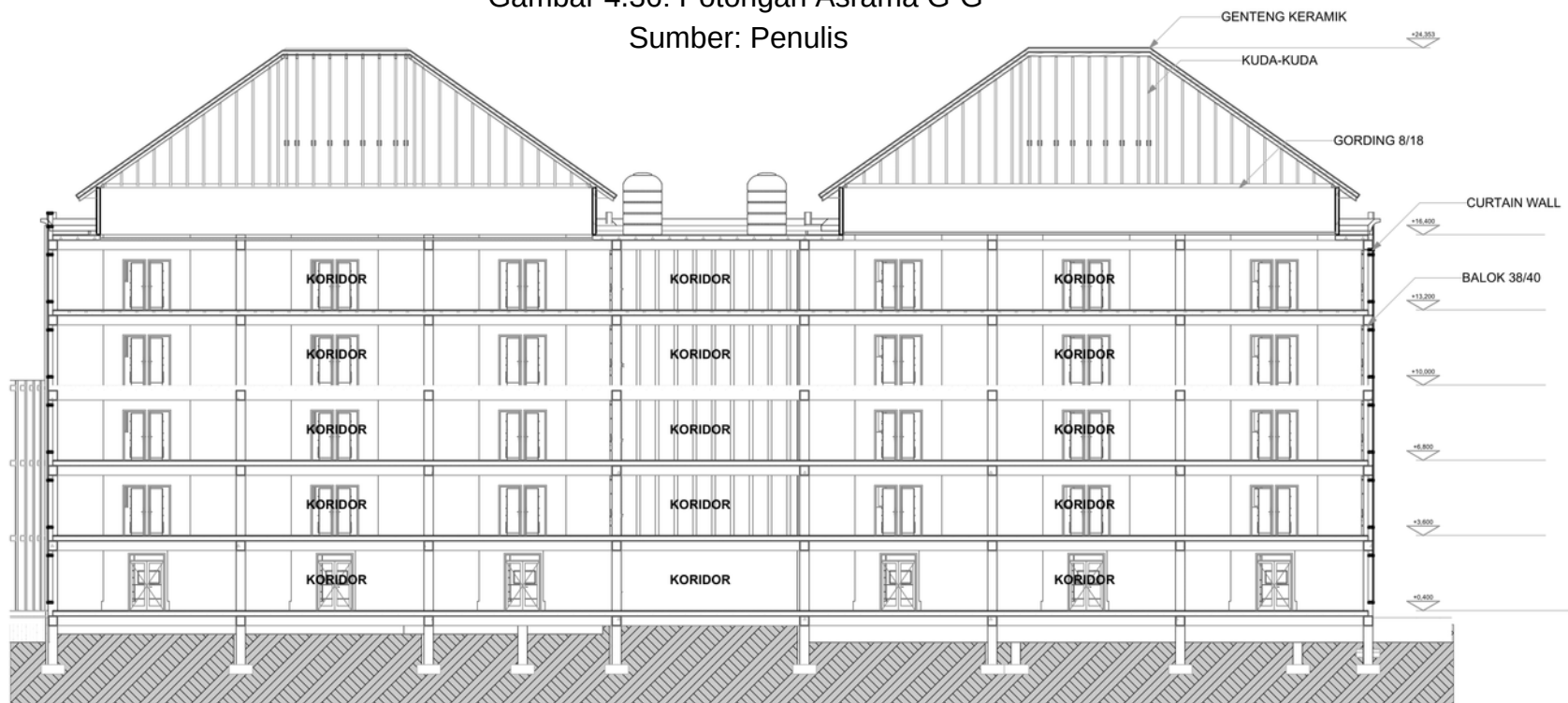


11

POTONGAN G-G'

1:200

Gambar 4.36: Potongan Asrama G-G'
Sumber: Penulis



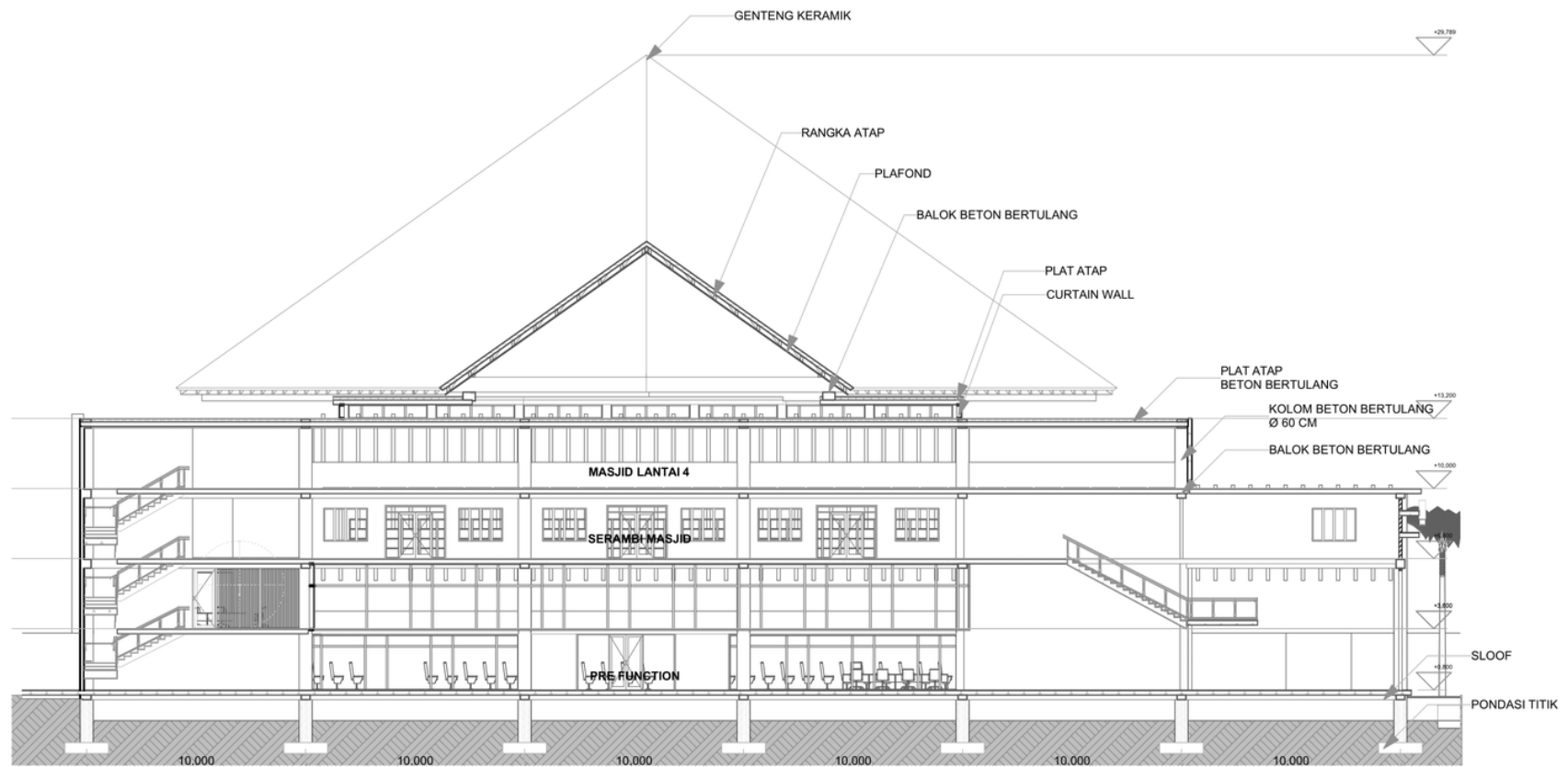
12

POTONGAN H-H'

1:200

Gambar 4.37: Potongan Asrama H-H'
Sumber: Penulis

POTONGAN BANGUNAN MASJID

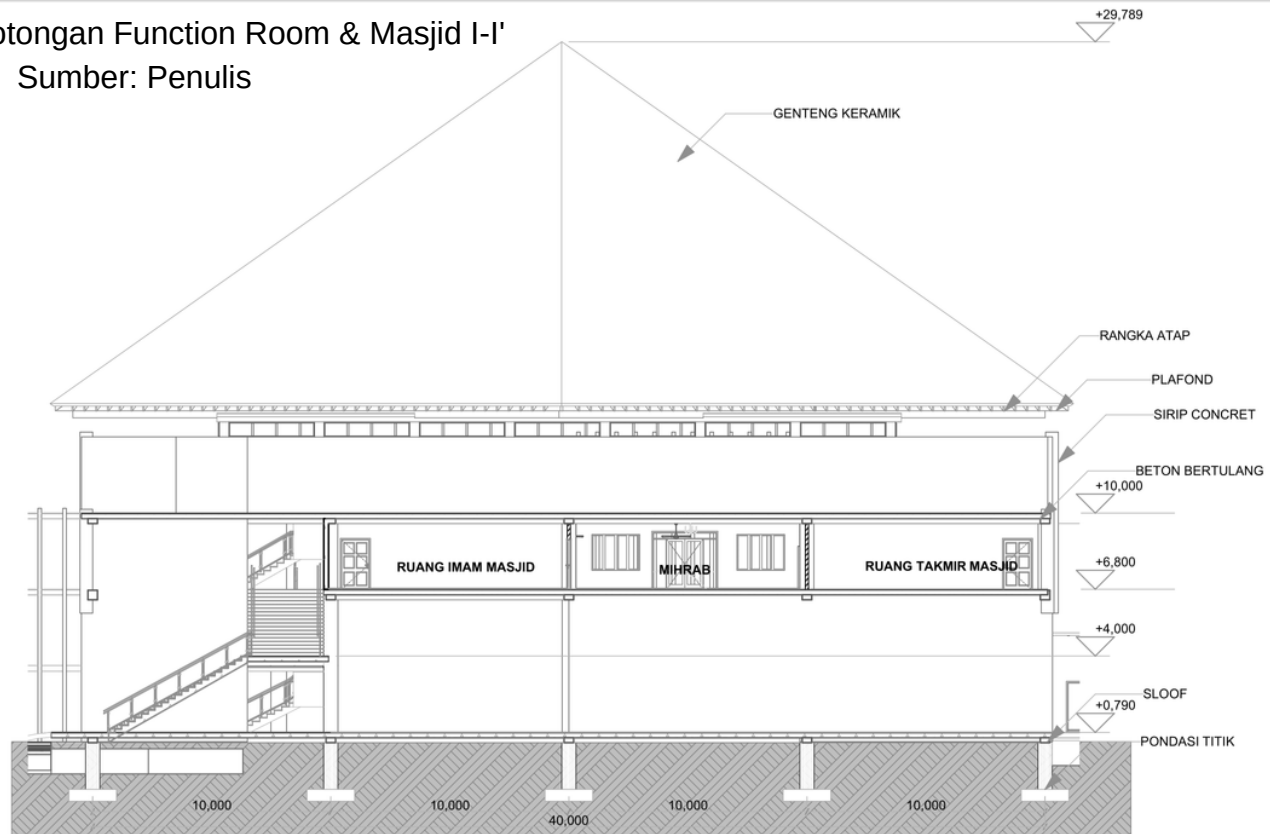


13

POTONGAN I-I'

1:200

Gambar 4.38: Potongan Function Room & Masjid I-I'
Sumber: Penulis

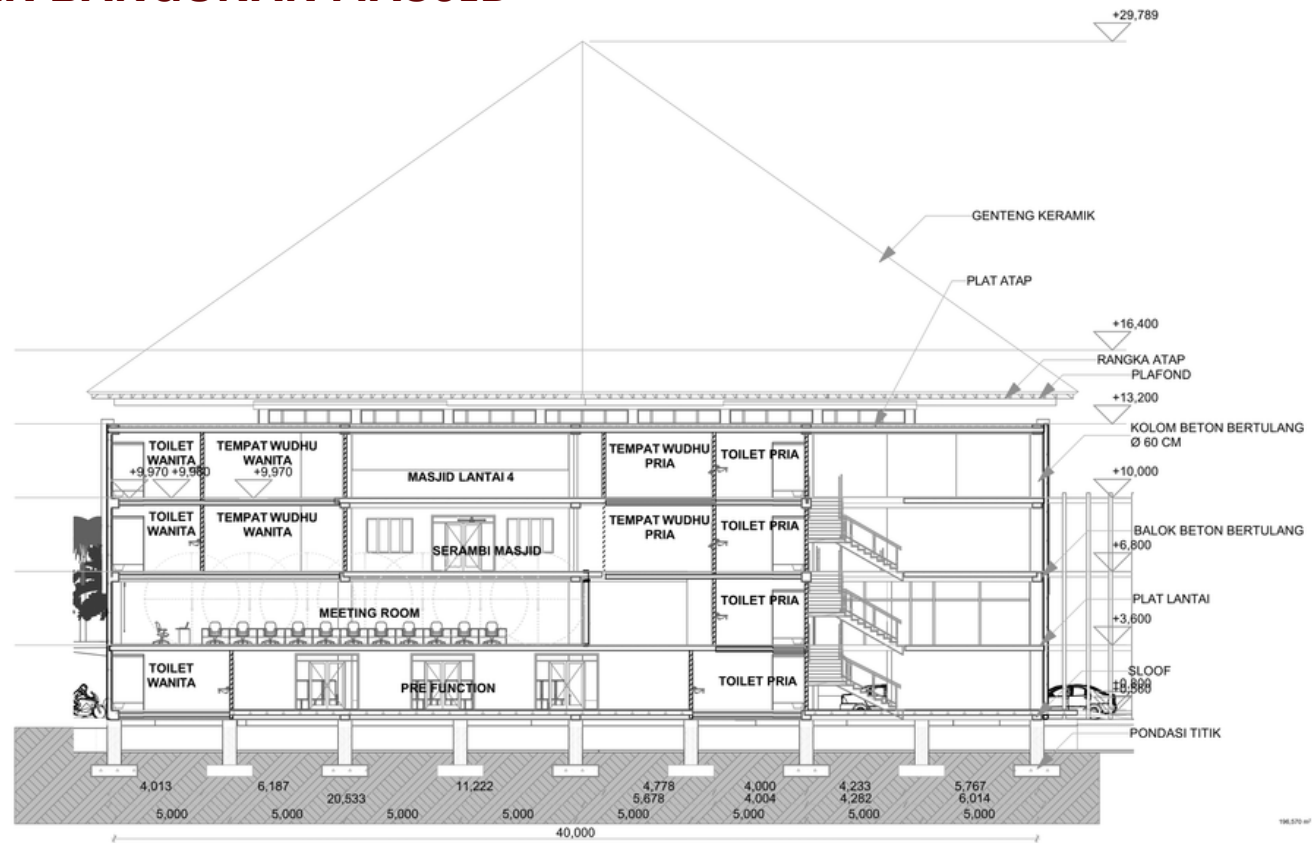


Gambar 4.39: Potongan Function Room & Masjid J-J'
Sumber: Penulis

POTONGAN J-J'

1:200

POTONGAN BANGUNAN MASJID

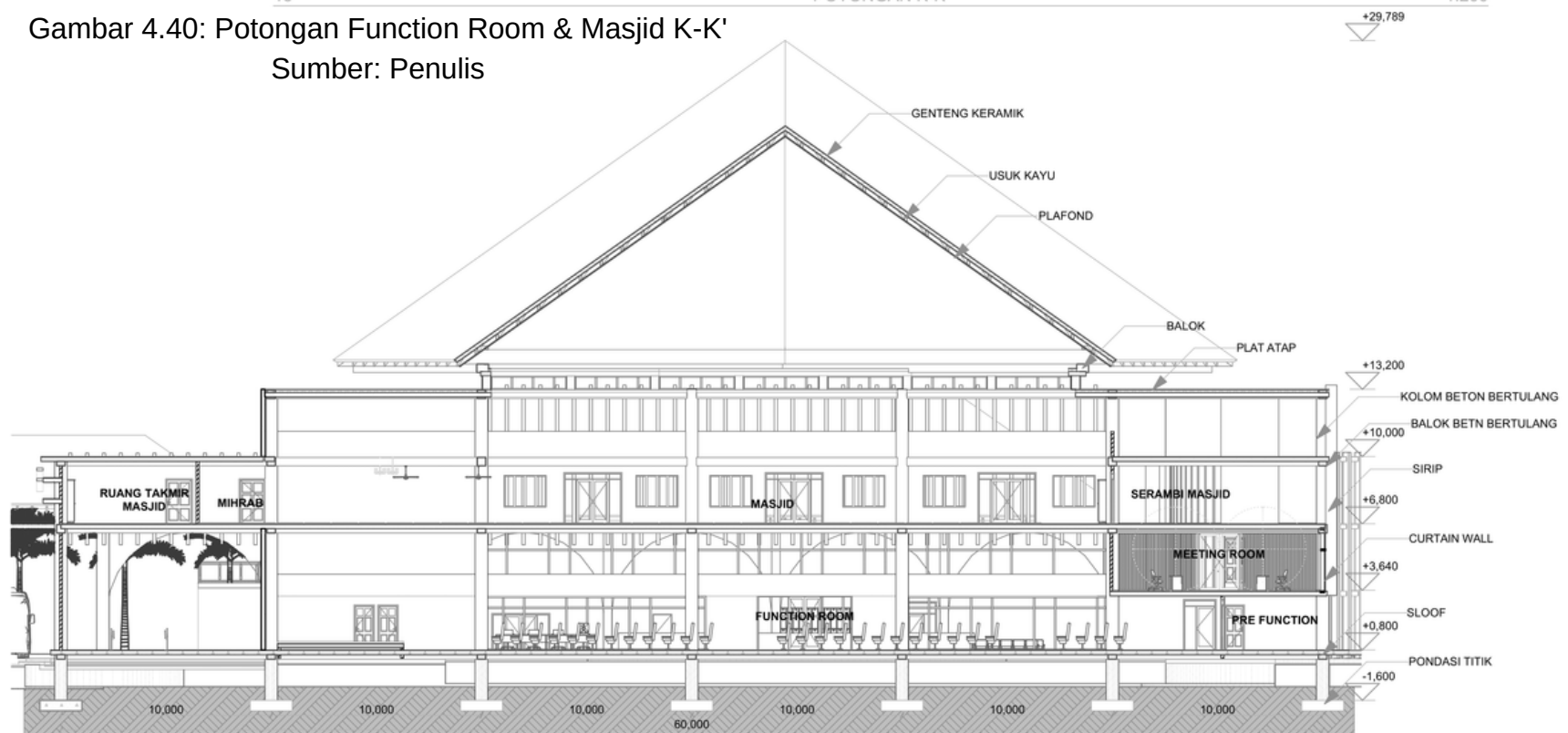


15

POTONGAN K-K'

1:200

Gambar 4.40: Potongan Function Room & Masjid K-K'
Sumber: Penulis



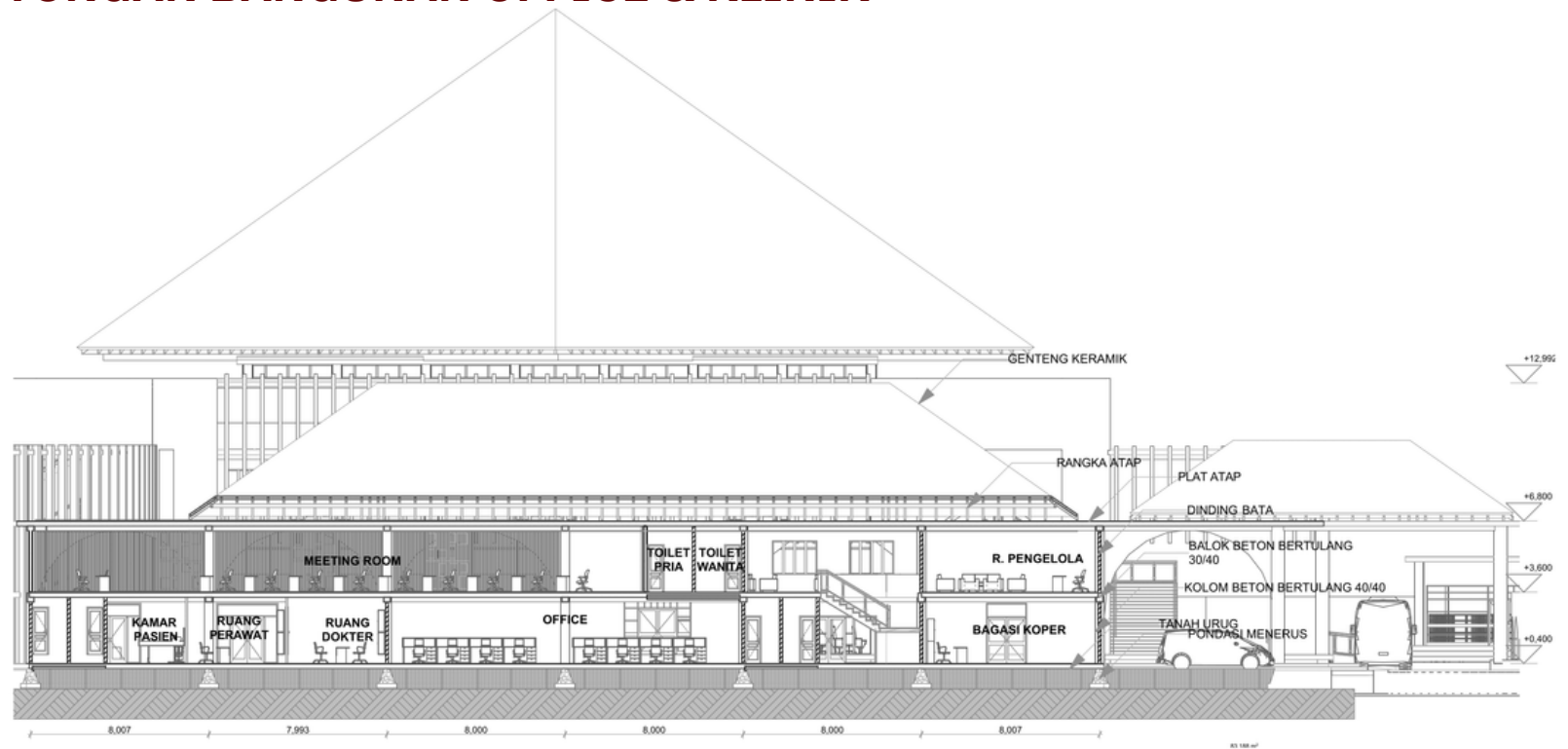
16

POTONGAN L-L'

1:200

Gambar 4.41: Potongan Function Room & Masjid L-L'
Sumber: Penulis

POTONGAN BANGUNAN OFFICE & KLINIK

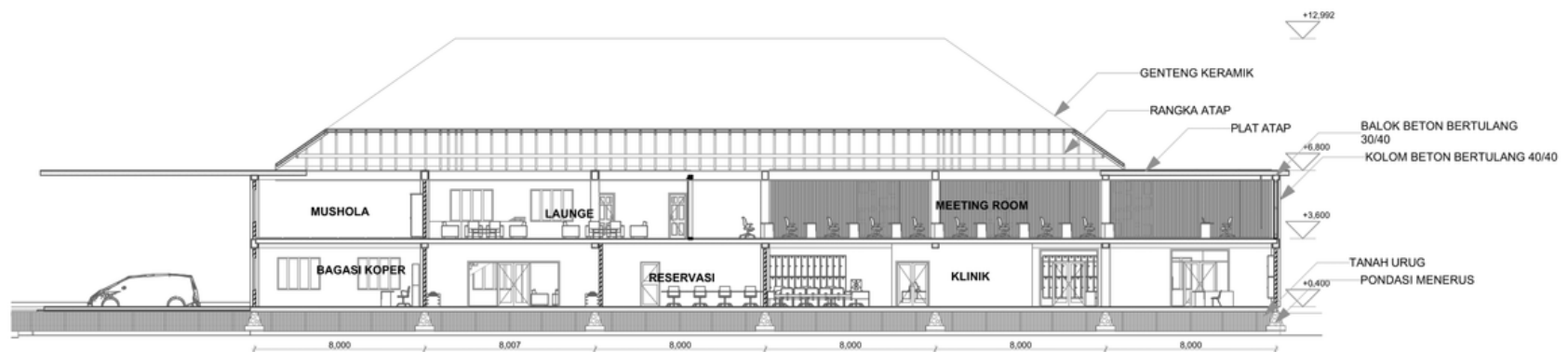


17

POTONGAN M-M'

1:200

Gambar 4.42: Potongan Klinik & Office M-M'
Sumber: Penulis



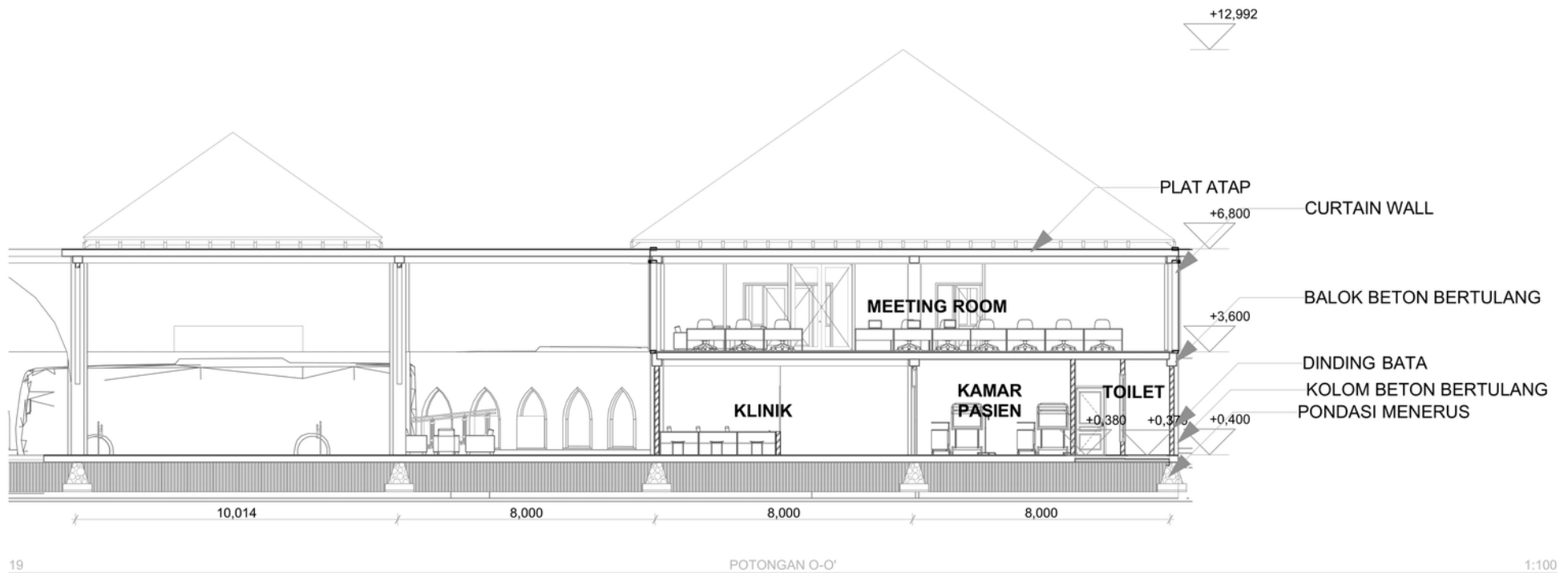
18

POTONGAN N-N'

1:200

Gambar 4.43: Potongan Klinik & Office N-N'
Sumber: Penulis

POTONGAN BANGUNAN OFFICE & KLINIK

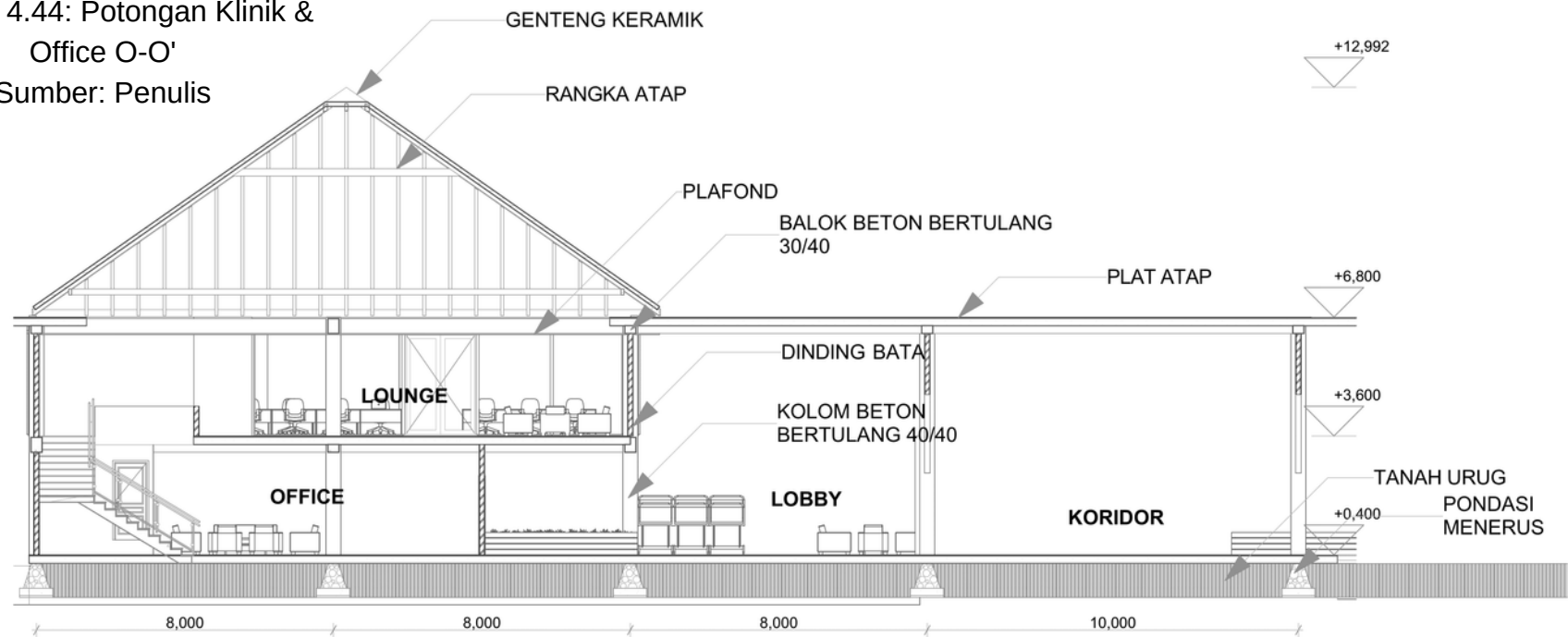


19

POTONGAN O-O'

1:100

Gambar 4.44: Potongan Klinik & Office O-O'
Sumber: Penulis



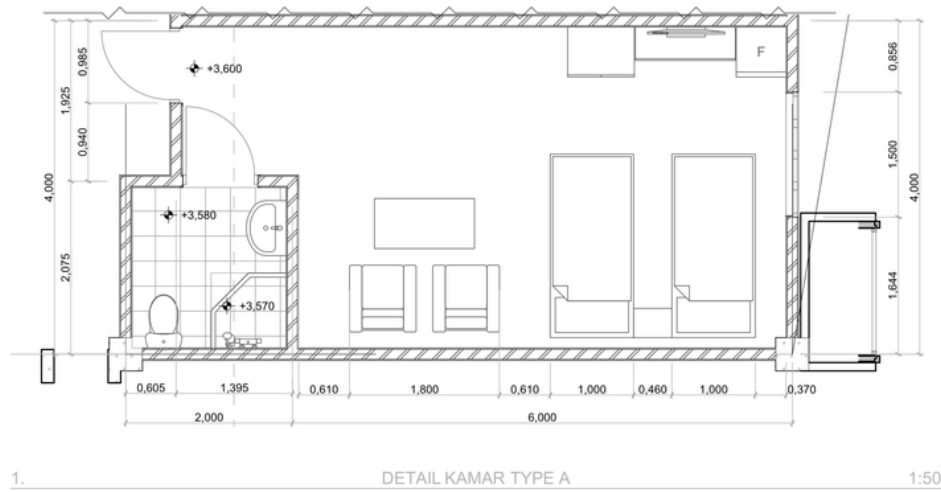
20

POTONGAN P-P'

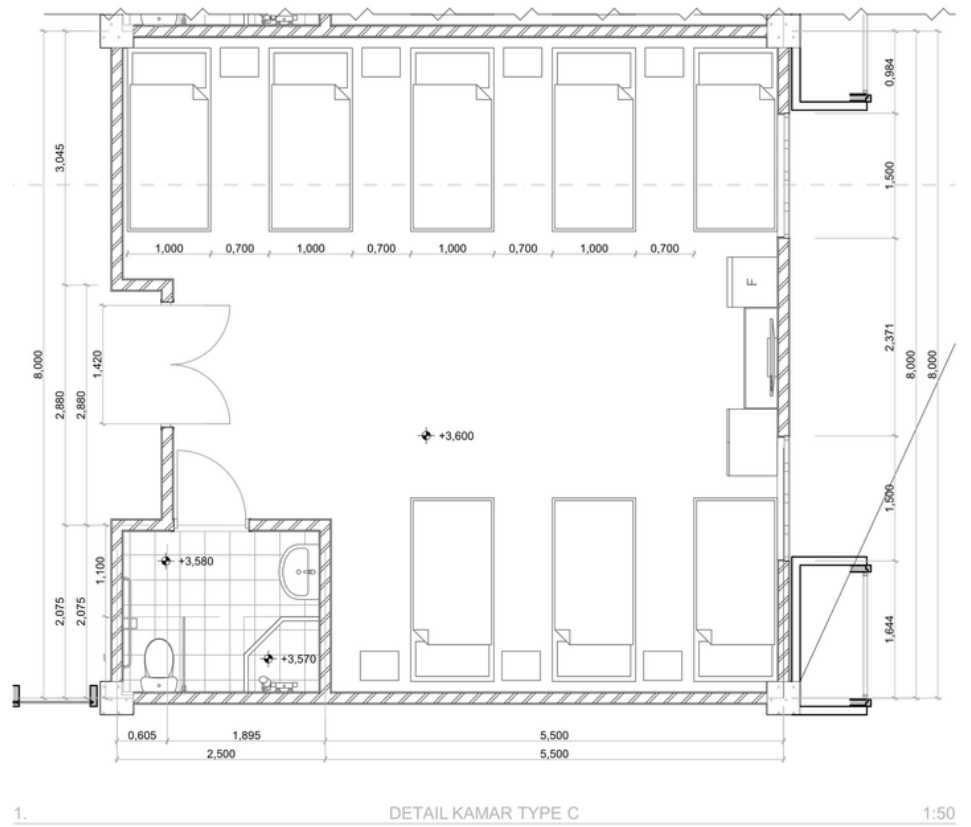
1:100

Gambar 4.45: Potongan Klinik & Office P-P'
Sumber: Penulis

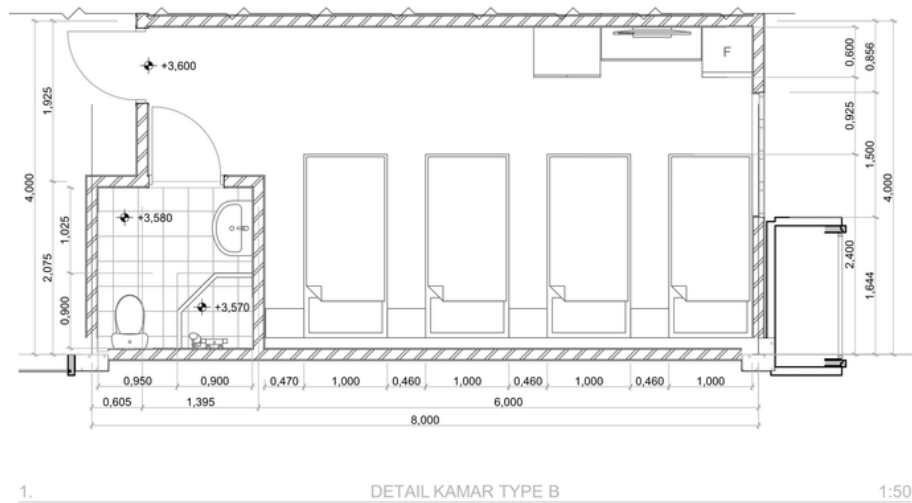
DETAIL KAMAR TYPE A, TYPE B DAN TYPE C



Gambar 4.46: Detail Kamar Type A
Sumber: Penulis



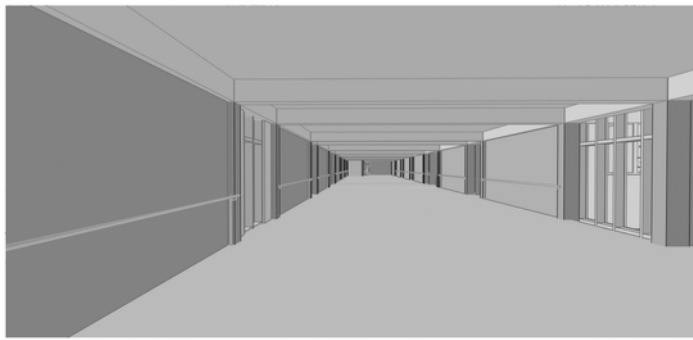
Gambar 4.48: Detail Kamar Type C
Sumber: Penulis



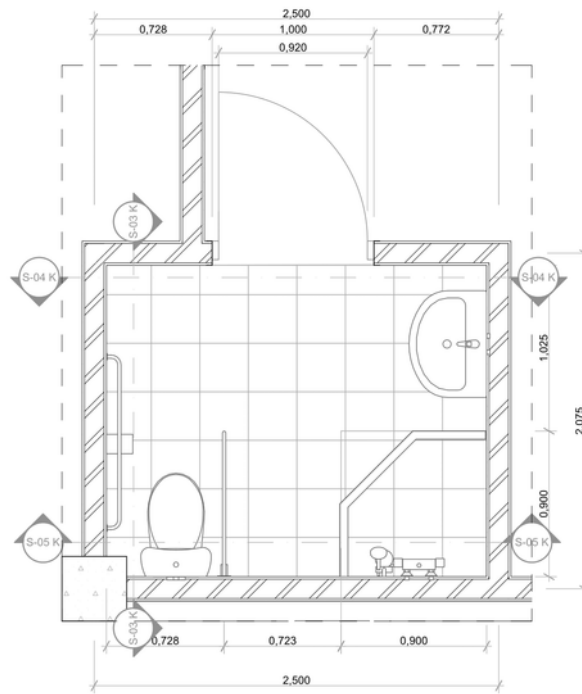
Gambar 4.47: Detail Kamar Type B
Sumber: Penulis



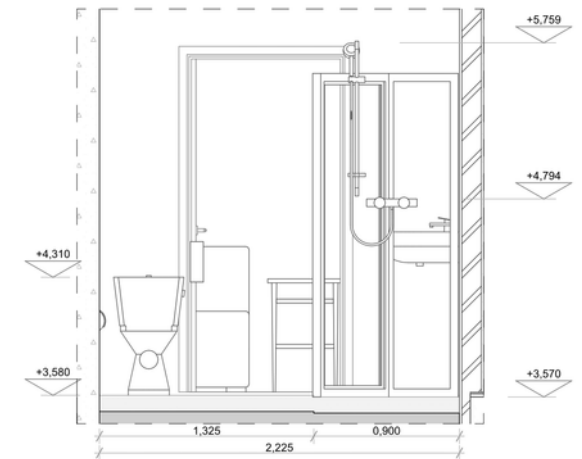
DETAIL HANDRAIL & TOILET



D29 Perspective HANDRAIL 1:289,12

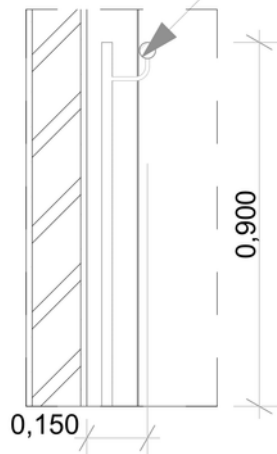


D-16 Detail 1:25

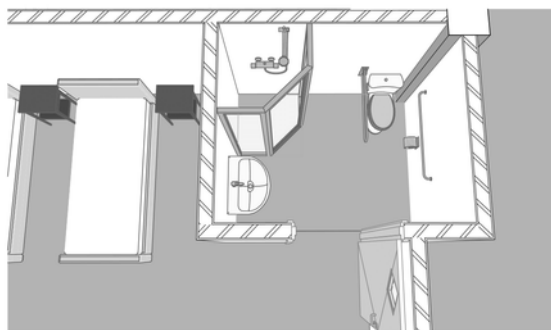


D-18 Detail 1:25

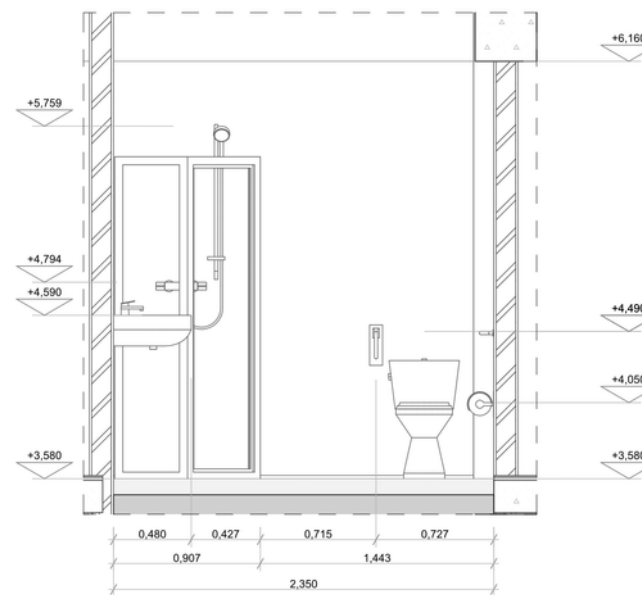
STAINLESS STEEL



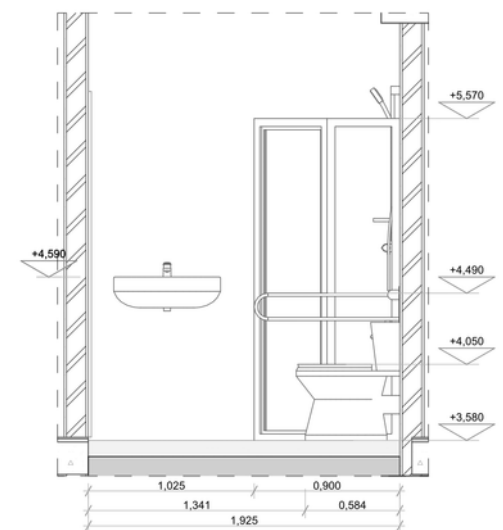
D-15 Detail 1:10



D30 Perspective TOILET 1:300



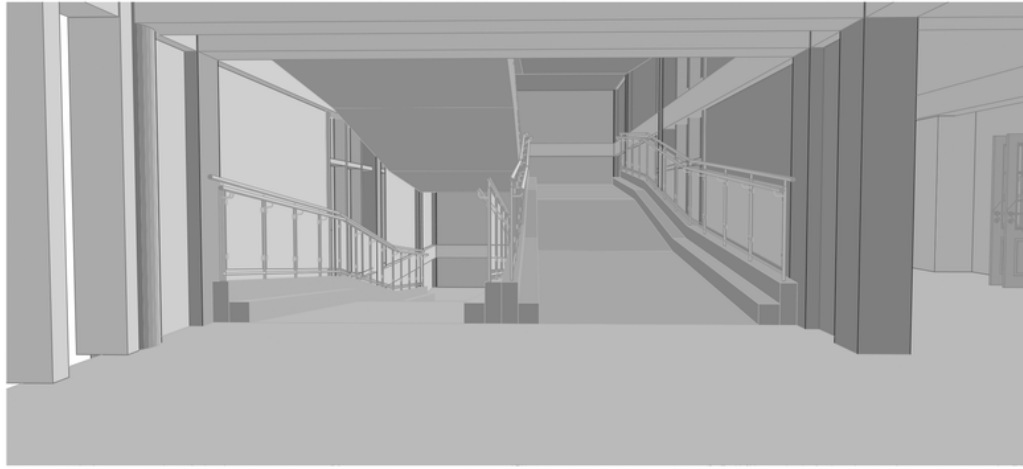
D-17 Detail 1:25



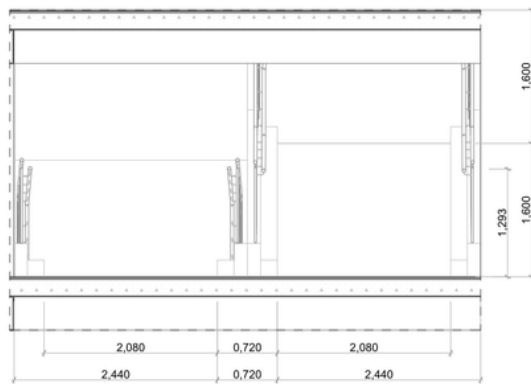
D-19 Detail 1:25

Gambar 4.49: Detail Handrail Koridor & Toilet
Sumber: Penulis

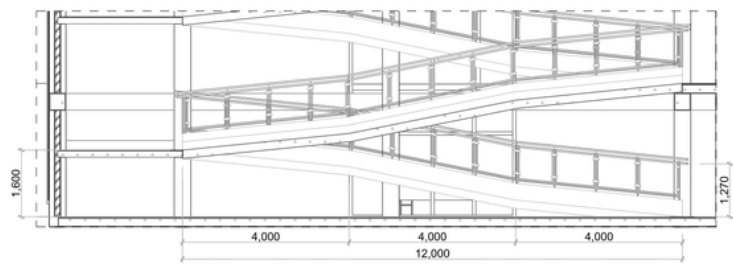
DETAIL RAMP



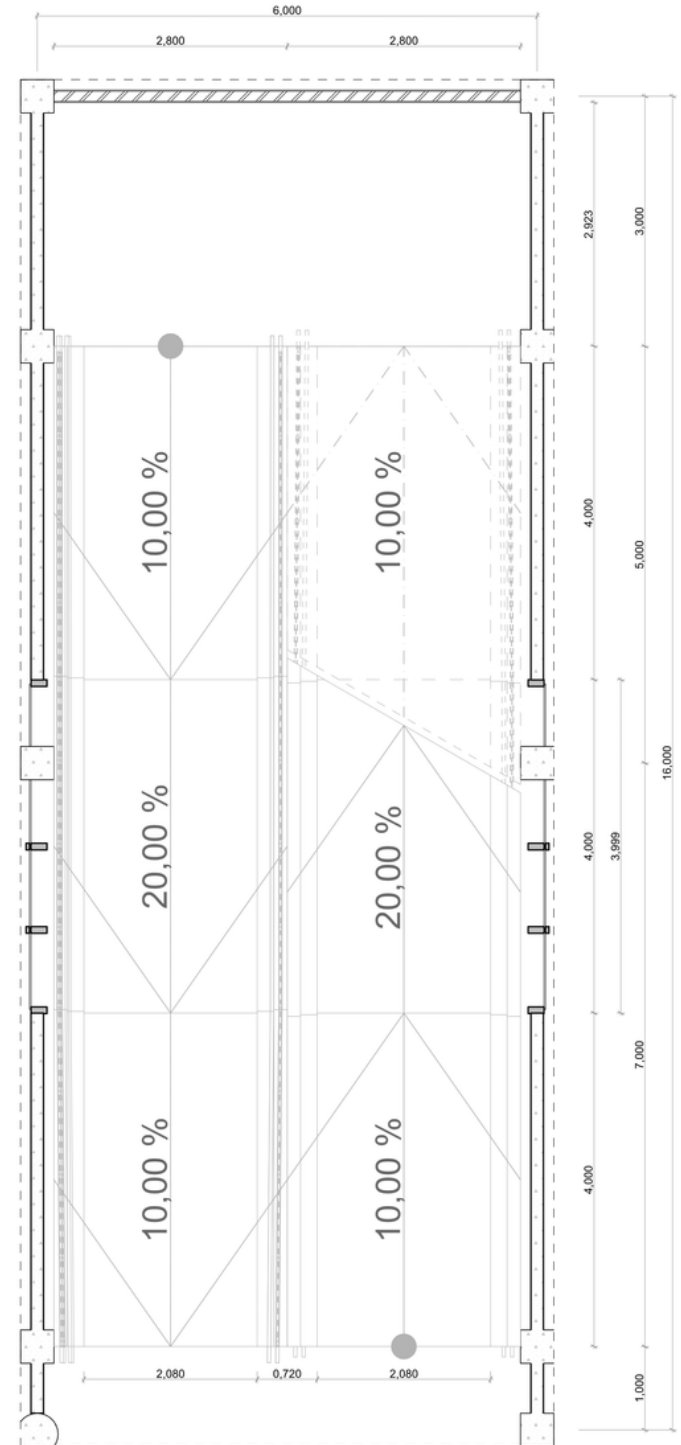
D26 Perspective RAMP 1:200



D-14 Detail 1:50



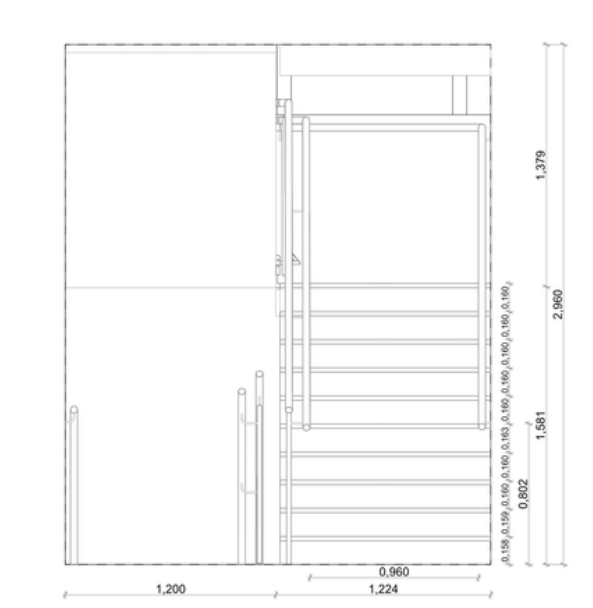
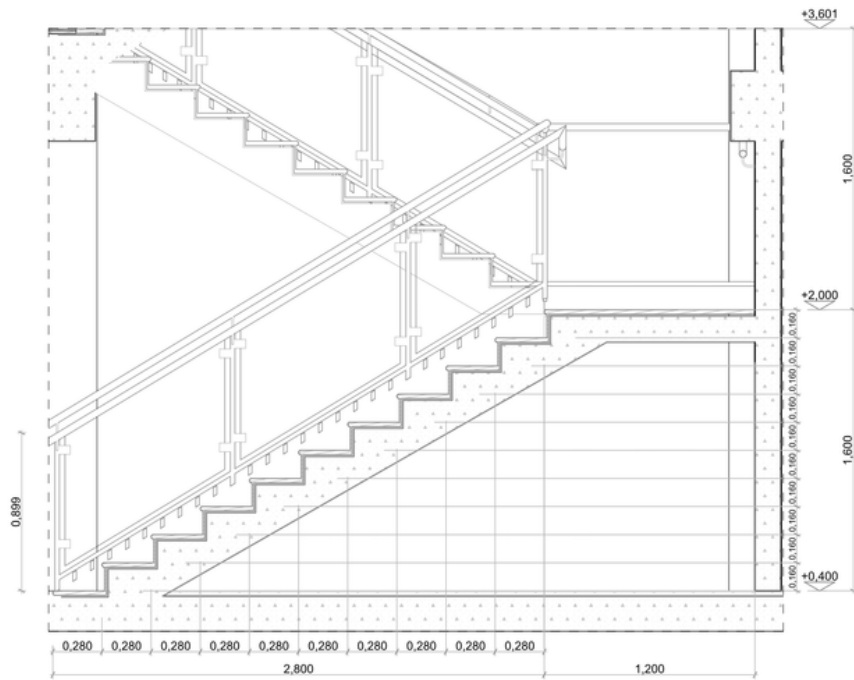
D-06 Detail (2) 1:100



D-13 Detail Tampak Atas Ramp 1

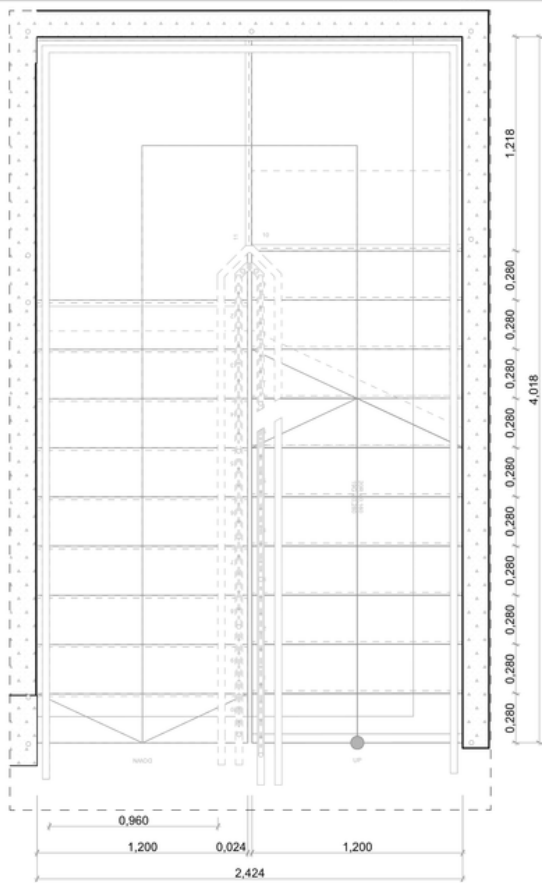
Gambar 4.50: Detail Asritekural Ramp
Sumber: Penulis

DETAIL TANGGA

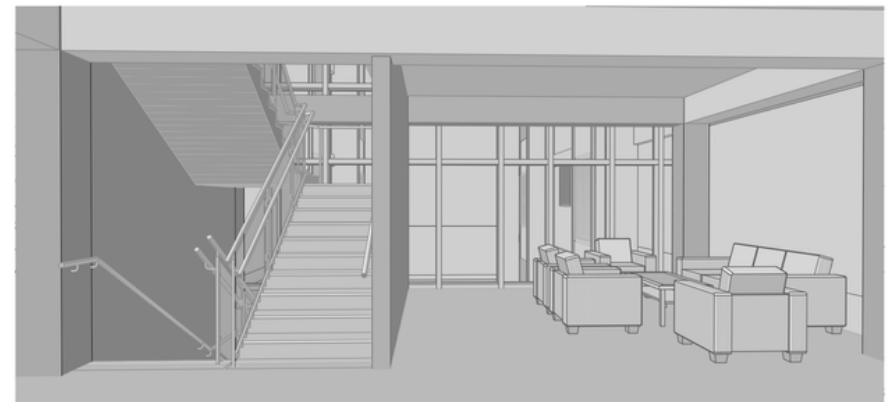


D-10 Detail Tampak Depan Tangga 1:25

D-12 Detail Potongan Tangga 1:25



D-11 Detail Tampak Atas Tangga 1:25



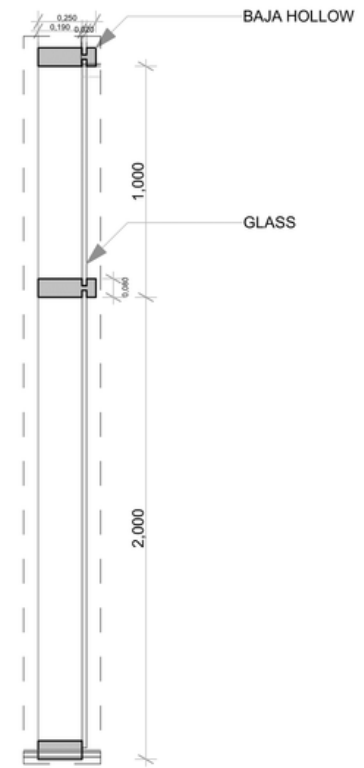
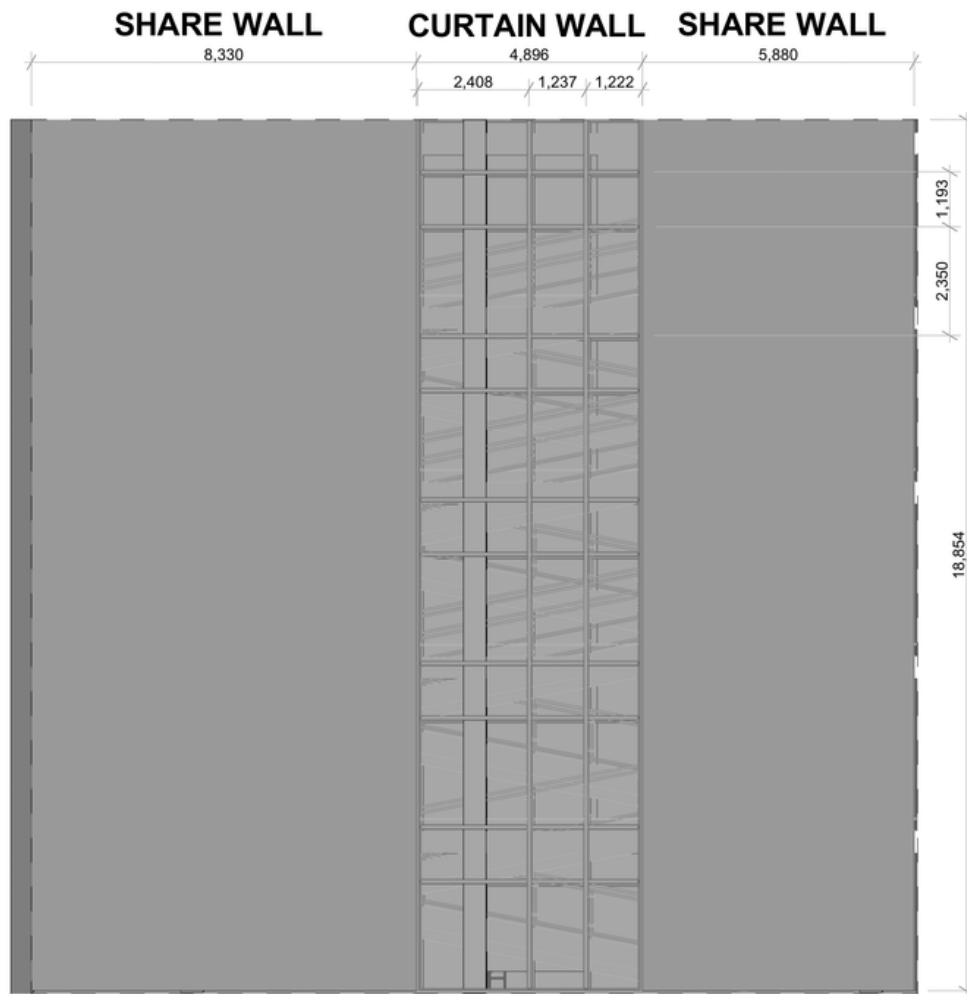
D25 Perspective Interior Tangga 1:250



D27 Perspective Tangga GF 1:250

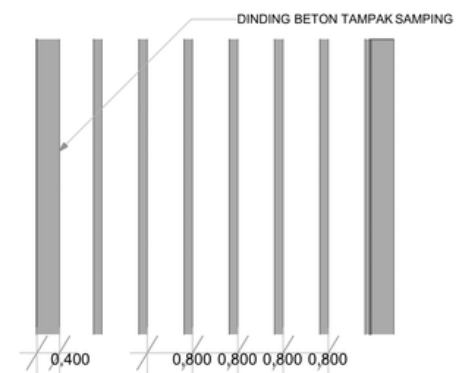
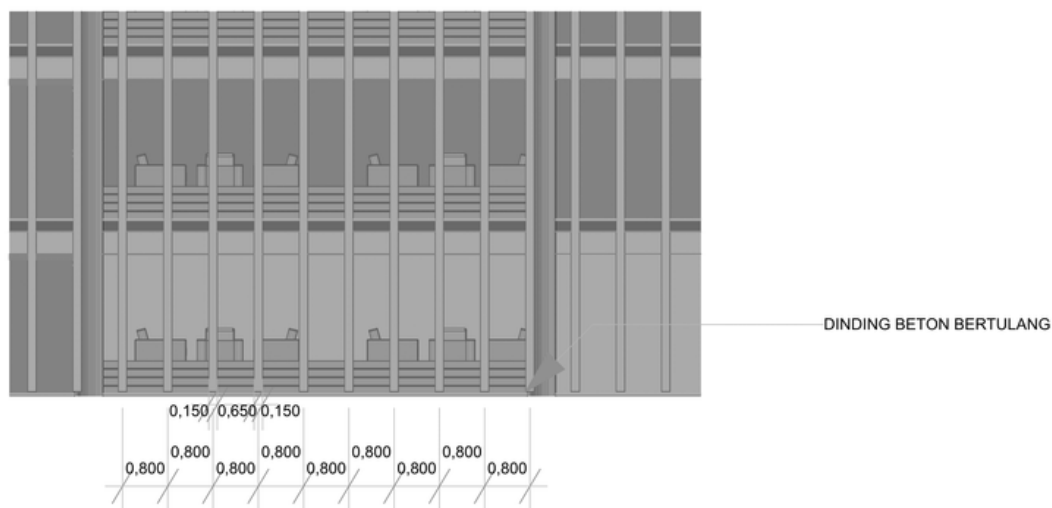
Gambar 4.51: Detail Arsitektural Tangga
Sumber: Penulis

DETAIL SELUBUNG BANGUNAN



D-08 DETAIL CURTAIN WALL 1:20

D-07 DETAIL SELUBUNG RAMP 1:100

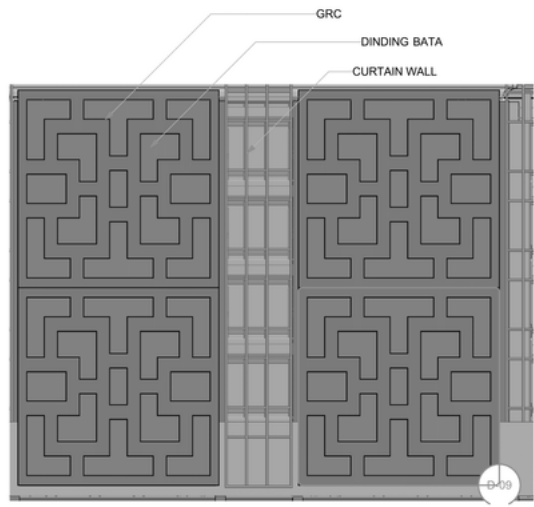


D17 TAMPAK SAMPING DETAIL SELUBUNG 1:100

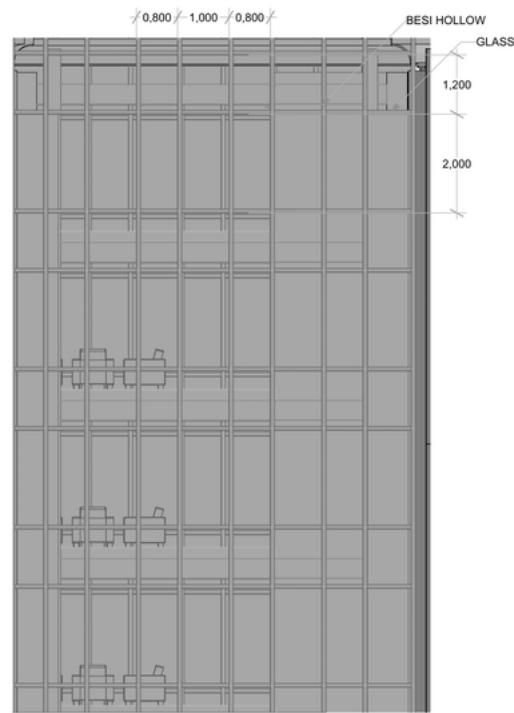
D16 TAMPAK SELUBUNG KORIDOR 1:100

Gambar 4.52: Detail Selubung Bangunan
Sumber: Penulis

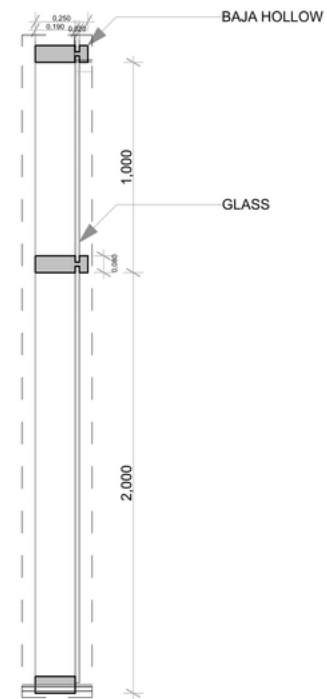
DETAIL SELUBUNG BANGUNAN



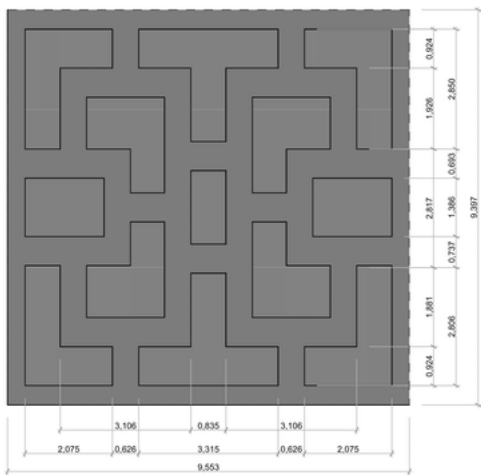
D18 DETAIL TAMPAK DINDING SELATAN 1:200



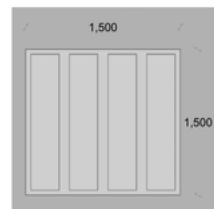
D18 DETAIL TAMPAK CURTAIN WALL 1:100



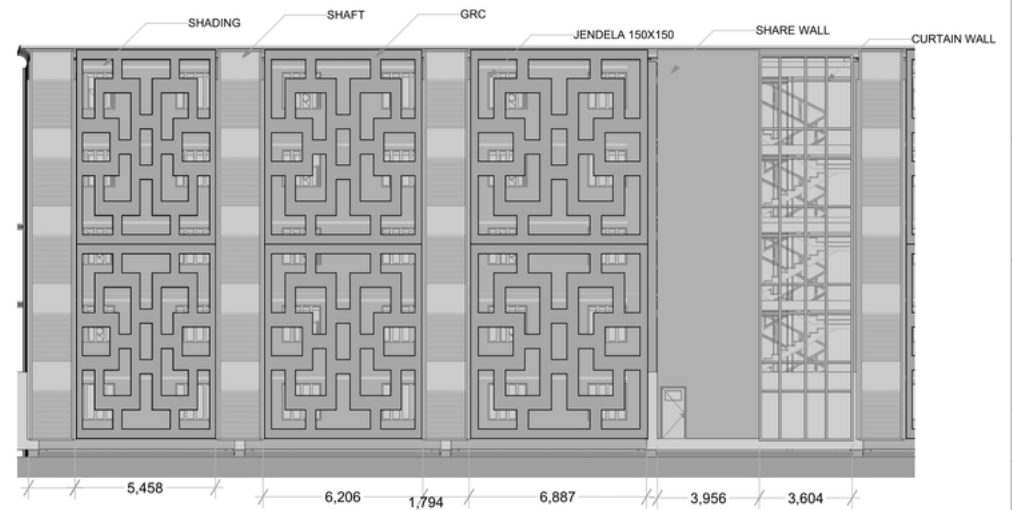
D-08 DETAIL CURTAIN WALL 1:20



D-09 GRC 1:100



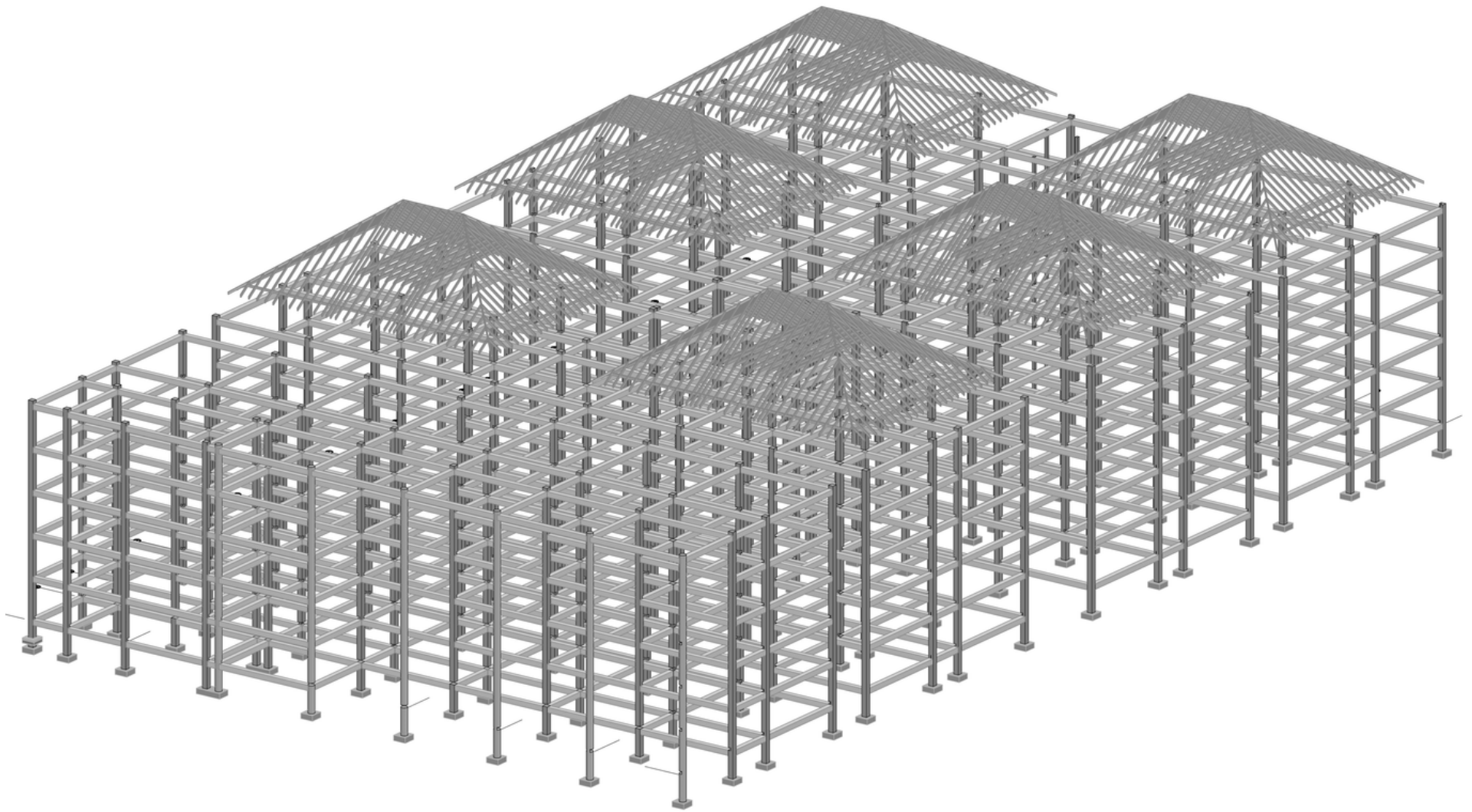
D20 JENDELA 1:50



D19 SELUBUNG TIMUR 1:200

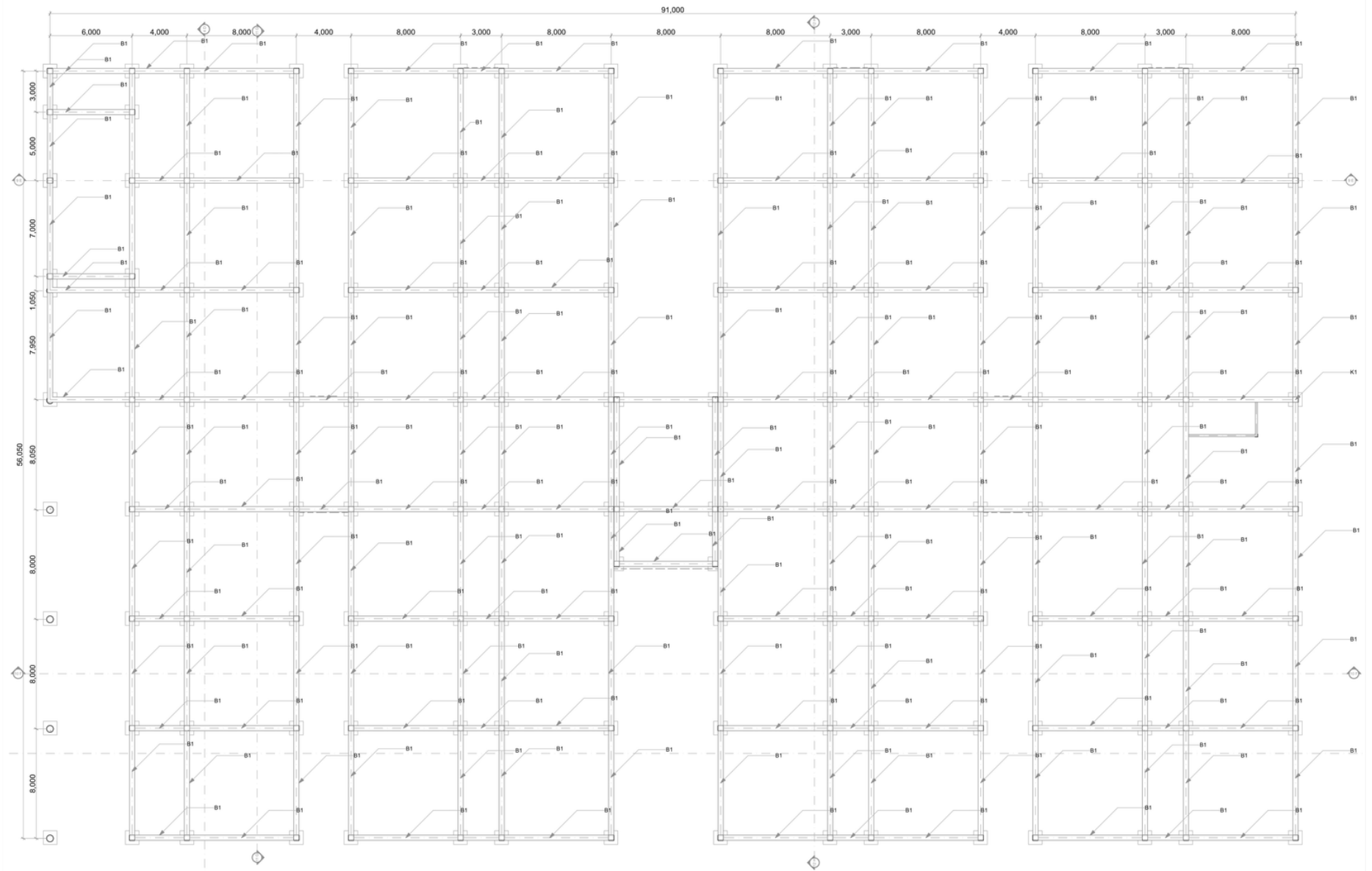
Gambar 4.52: Detail Selubung Bangunan
Sumber: Penulis

RENCANA STRUKTUR ASRAMA



Gambar 4.53: Aksonometri Struktur Asrama
Sumber: Penulis

RENCANA STRUKTUR ASRAMA



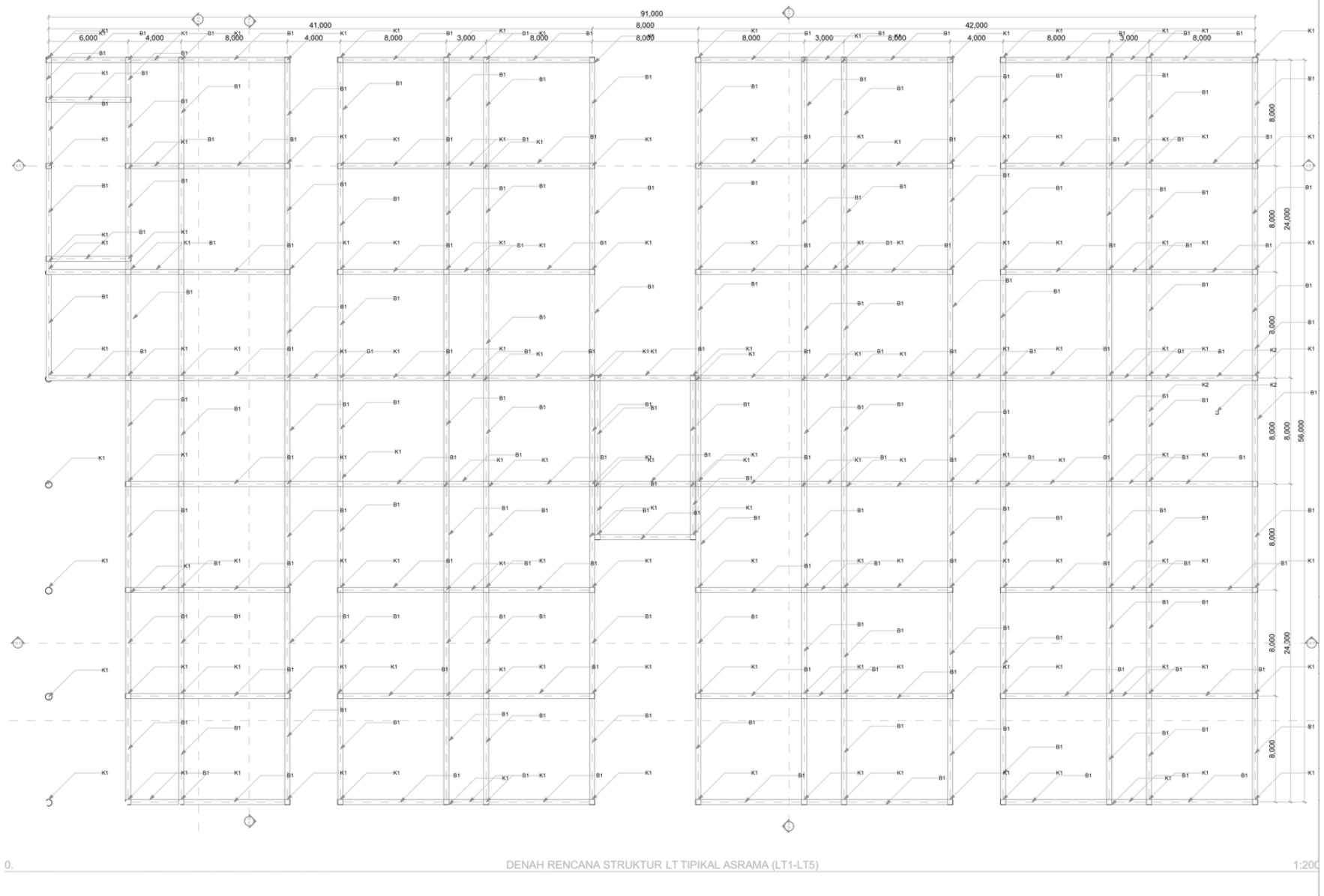
-1.

DENAH RENCANA PONDASI ASRAMA

1:200

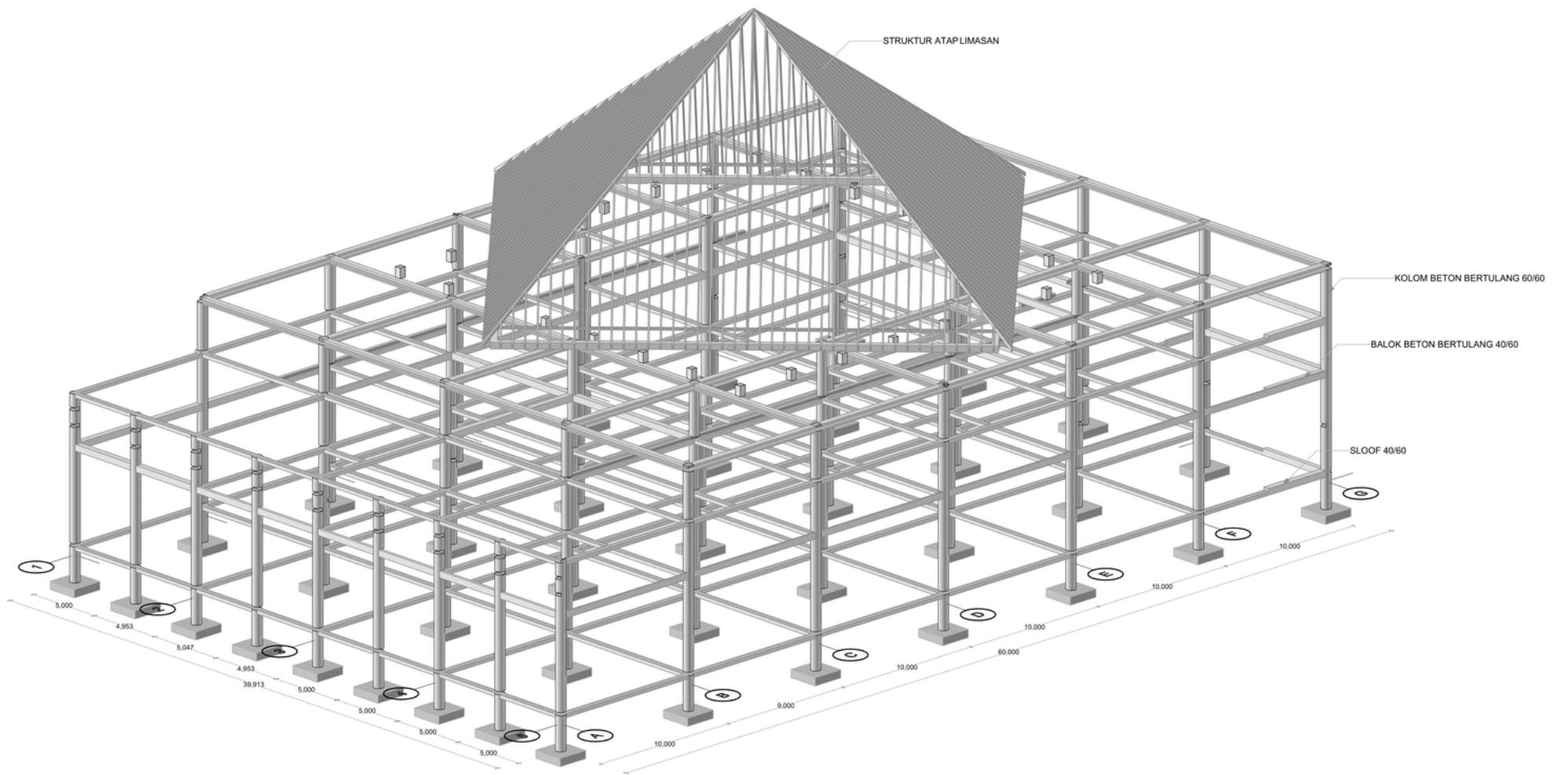
Gambar 4.54: Rencana Pondasi Asrama
Sumber: Penulis

RENCANA STRUKTUR ASRAMA



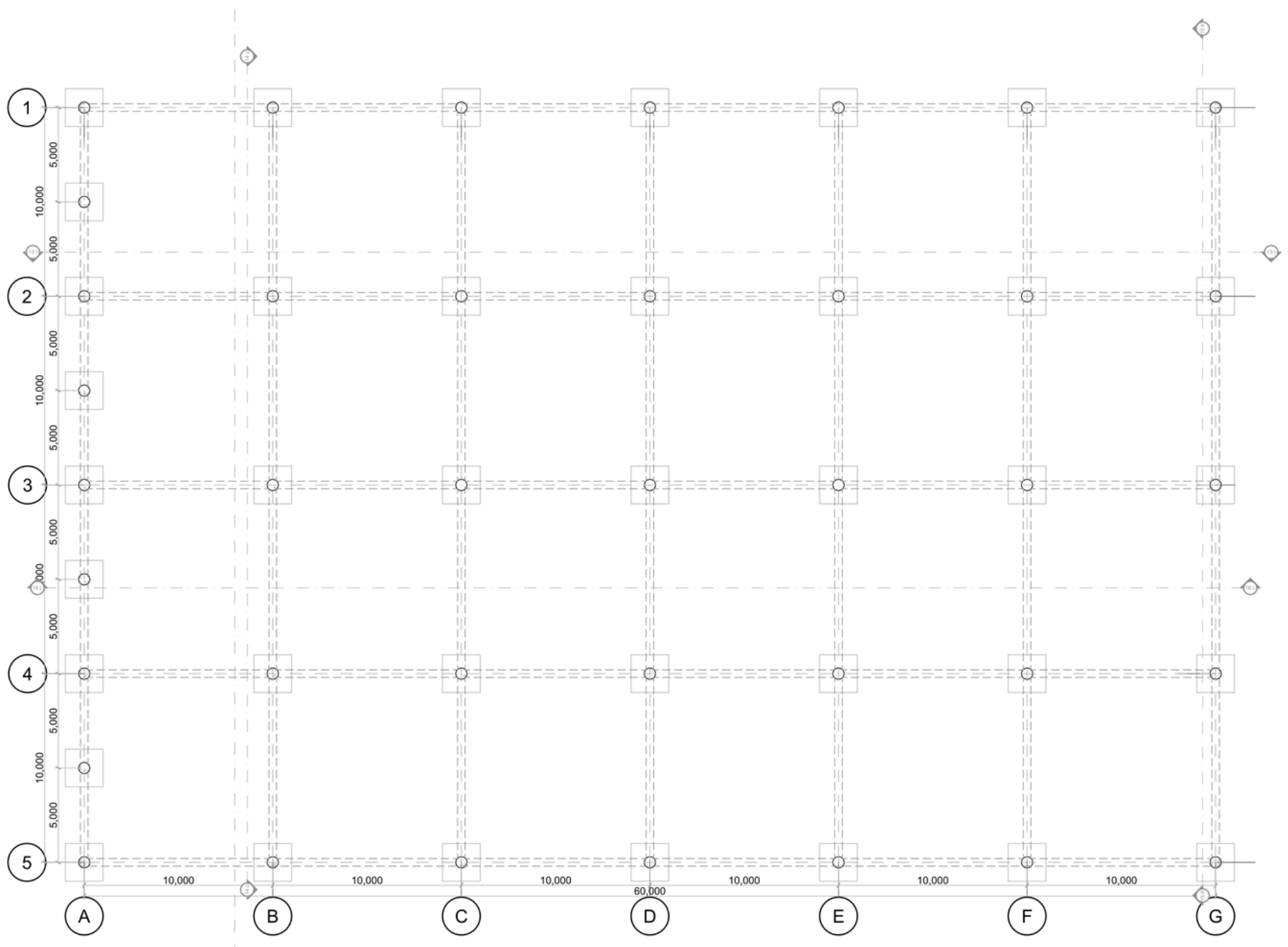
Gambar 4.55: Rencana Struktur Tipikal Asrama
Sumber: Penulis

RENCANA STRUKTUR MASJID



Gambar 4.56: Aksonometri Struktur Function Room & Masjid
Sumber: Penulis

RENCANA STRUKTUR MASJID

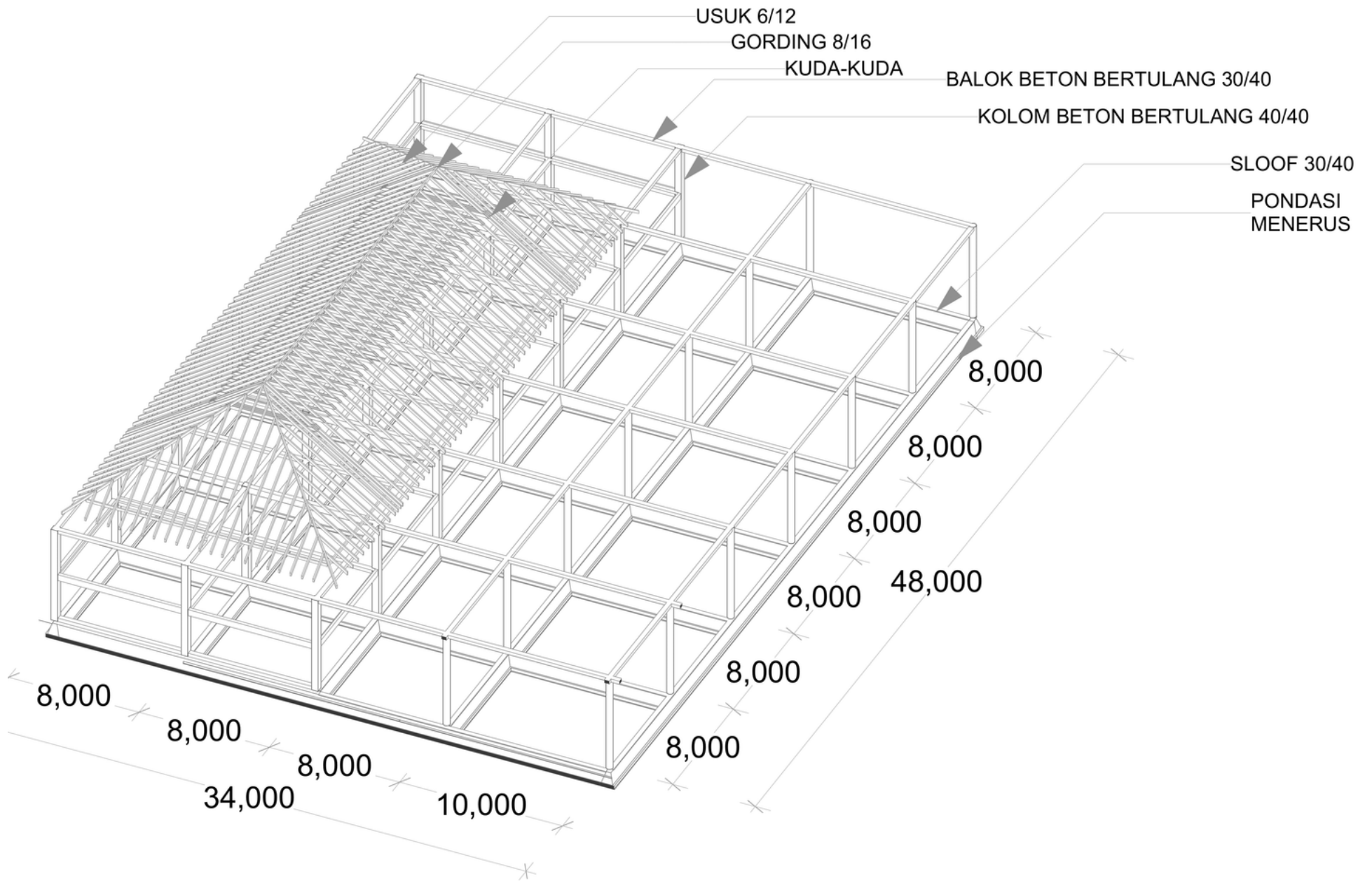


RENCANA PONDASI MASJID

1:200

Gambar 4.57: Rencana Pondasi Function Room & Masjid
Sumber: Penulis

RENCANA STRUKTUR OFFICE & KLINIK

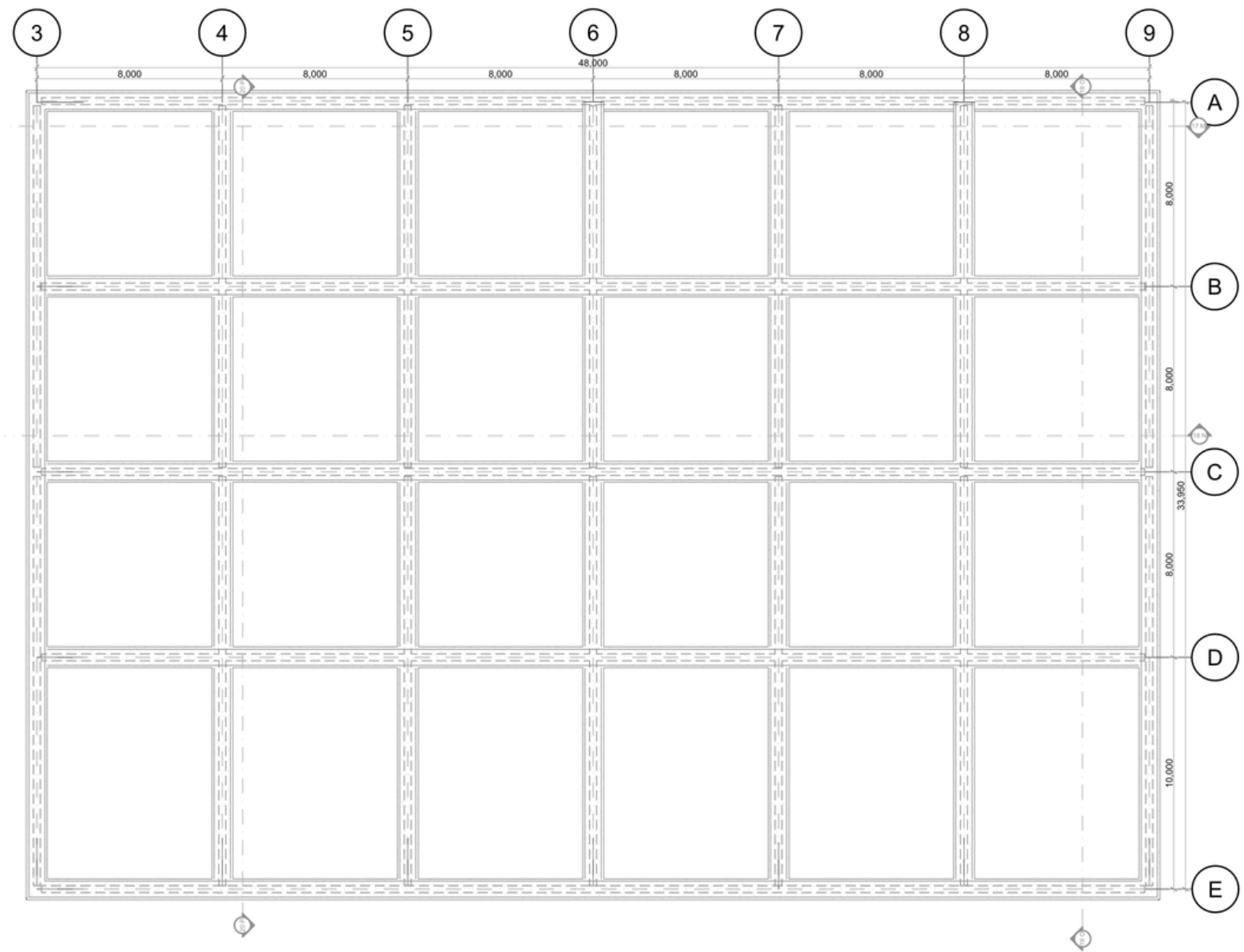


AKSONOMETRI STRUKTUR KLINIK & OFFICE

1:

Gambar 4.58: Aksonometri Struktur Office & Klinik
Sumber: Penulis

RENCANA STRUKTUR OFFICE & KLINIK



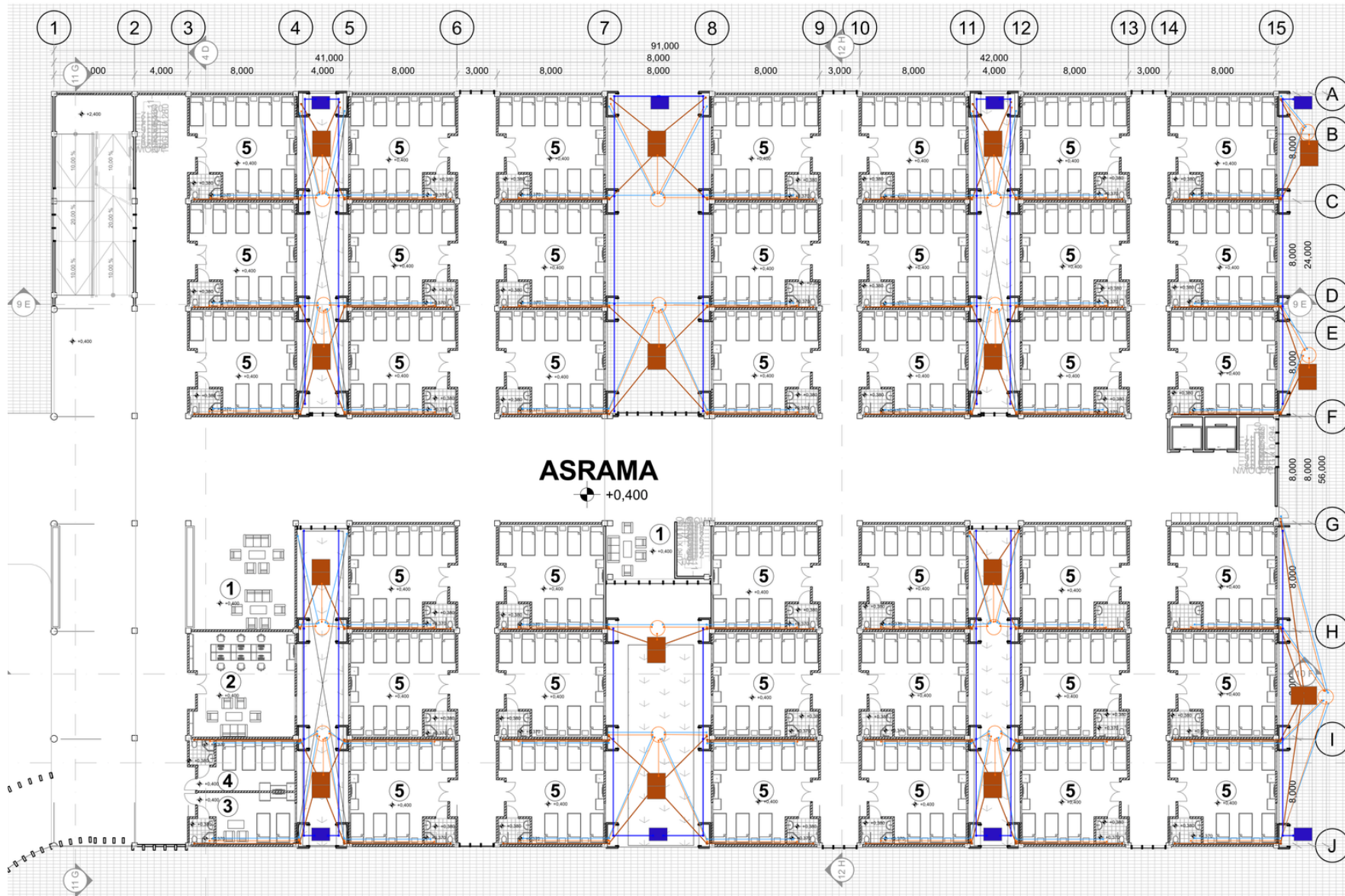
-1.

RENCANA PONDASI KLINIK & OFFICE

1:200

Gambar 4.59: Rencana Pondasi Office & Klinik
Sumber: Penulis

RENCANA UTILITAS



SKEMA JARINGAN INFRASTRTRUR PLUMBING

1:200

Gambar 4.60: Rencana Utilitas Asrama
Sumber: Penulis

KETERANGAN :

- SALURAN AIR HUJAN
- SALURAN AIR BERSIH
- SALURAN AIR BEKAS
- SALURAN AIR KOTOR
- TANDON AIR BERSIH
- GROUND WATER TANK
- SUMUR RESAPAN AIR HUJAN
- SUMUR RESAPAN
- SEPTIC TANK

