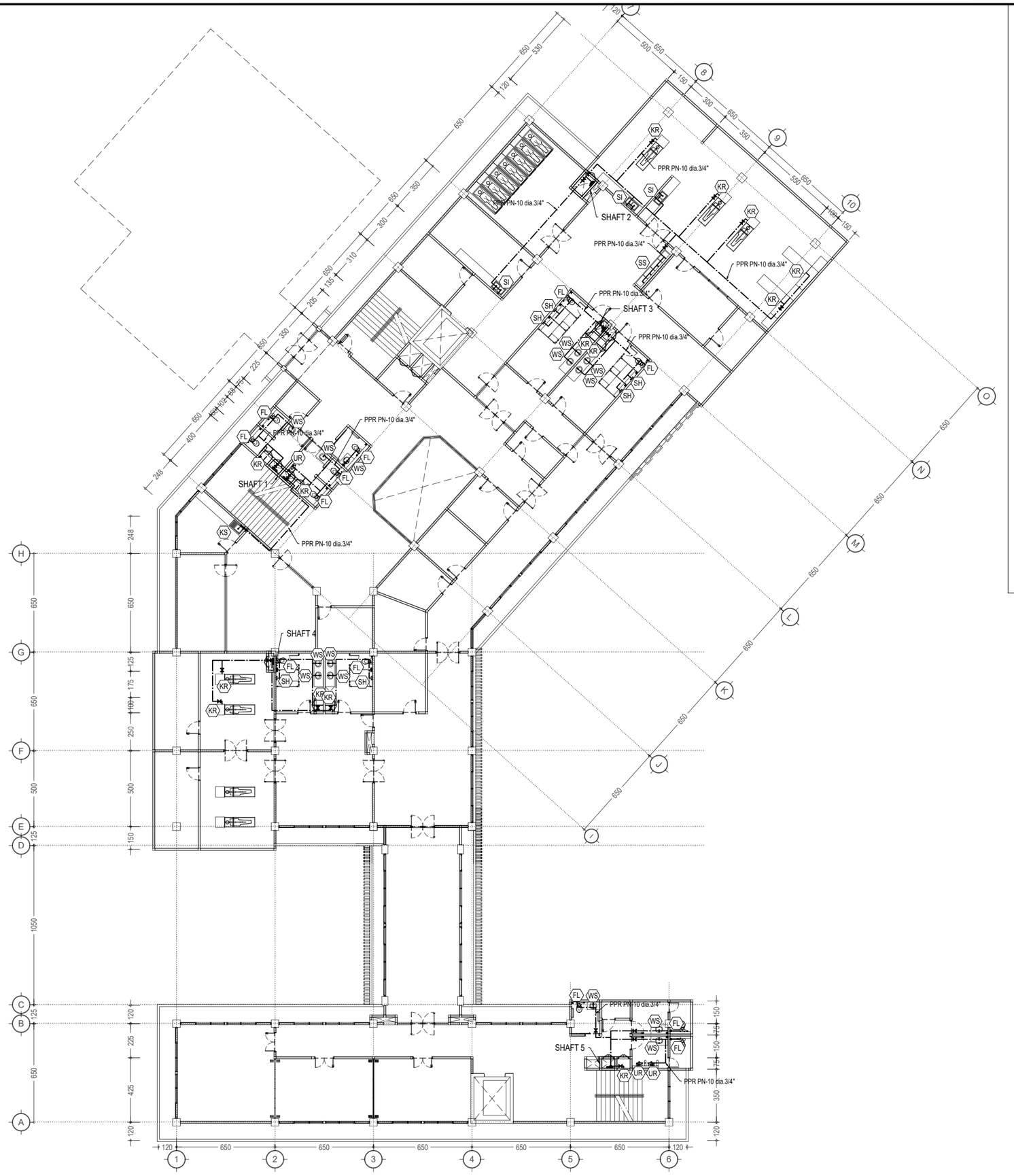



## KETERANGAN

| | | |
|---|---|---|
| FL | : FLUSH CLOSET DUDUK, in. 3/4" + JET WASHER | : 12 BH |
| WS | : WESTAFEL + KRAN WESTAFEL, in. 3/4" | : 14 BH |
| UR | : URINOIR, in. 3/4" | : 03 BH |
| KR | : KRAN STANDARD, in. 3/4" | : 14 BH |
| HS | : DOUBLE KRAN + SHOWER, in. 3/4" | : 06 BH |
| KS | : KITCHEN SINK + 1 KRAN SINK, in. 3/4" | : 01 BH |
| SI | : SCRUB SINK 2 MATA + 2 KRAN SINK, in. 3/4" | : 02 BH |
| SS | : SCRUB STATION 4 MATA + 4 KRAN SINK, in. 3/4" | : 01 BH |
| SB | : SUMUR BOR DALAM ±100 M | : - |
| TP1 | : TRANSFER PUMP 2 MESIN (BANGUNAN UTAMA) | : - |
| TP2 | : TRANSFER PUMP 1 MESIN (BANGUNAN RUMAH DUKA) | : - |
| BP1 | : BOOSTER PUMP 2 MESIN (BANGUNAN UTAMA) | : - |
| BP2 | : BOOSTER PUMP 1 MESIN (BANGUNAN RUMAH DUKA) | : - |
| BP3 | : BOOSTER PUMP 1 MESIN (BANGUNAN LAB. PENDIDIKAN) | : - |
| TK1 | : PANEL TANK FIBERGLASS 24 M³ (GROUND WATER TANK) | : - |
| TK2 | : PANEL TANK FIBERGLASS 8 M³ (ROOF TANK) | : - |
| TK3 | : PANEL TANK FIBERGLASS 4 M³ (ROOF TANK) | : - |
| TK4 | : TANDON AIR FIBERGLASS 2 UNIT / 2 M³ | : - |

: GATE VALVE

: PIPA VERTIKAL

SHAFT 1 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 2 : AIR BERSIH DARI TRANSFER PUMP KE ROOFTANK, PIPA GIP MEDIUM 2"
AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 3 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 4 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 5 : AIR BERSIH DARI TRANSFER PUMP KE ROOFTANK, PIPA GIP MEDIUM 1"
AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

U

PL-005 / - DENAH INST. AIR BERSIH (BANG. UTAMA) LT-2

SCALE
1:275

**UNIVERSITAS HASANUDDIN**
**2026**

**PROYEK**

**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

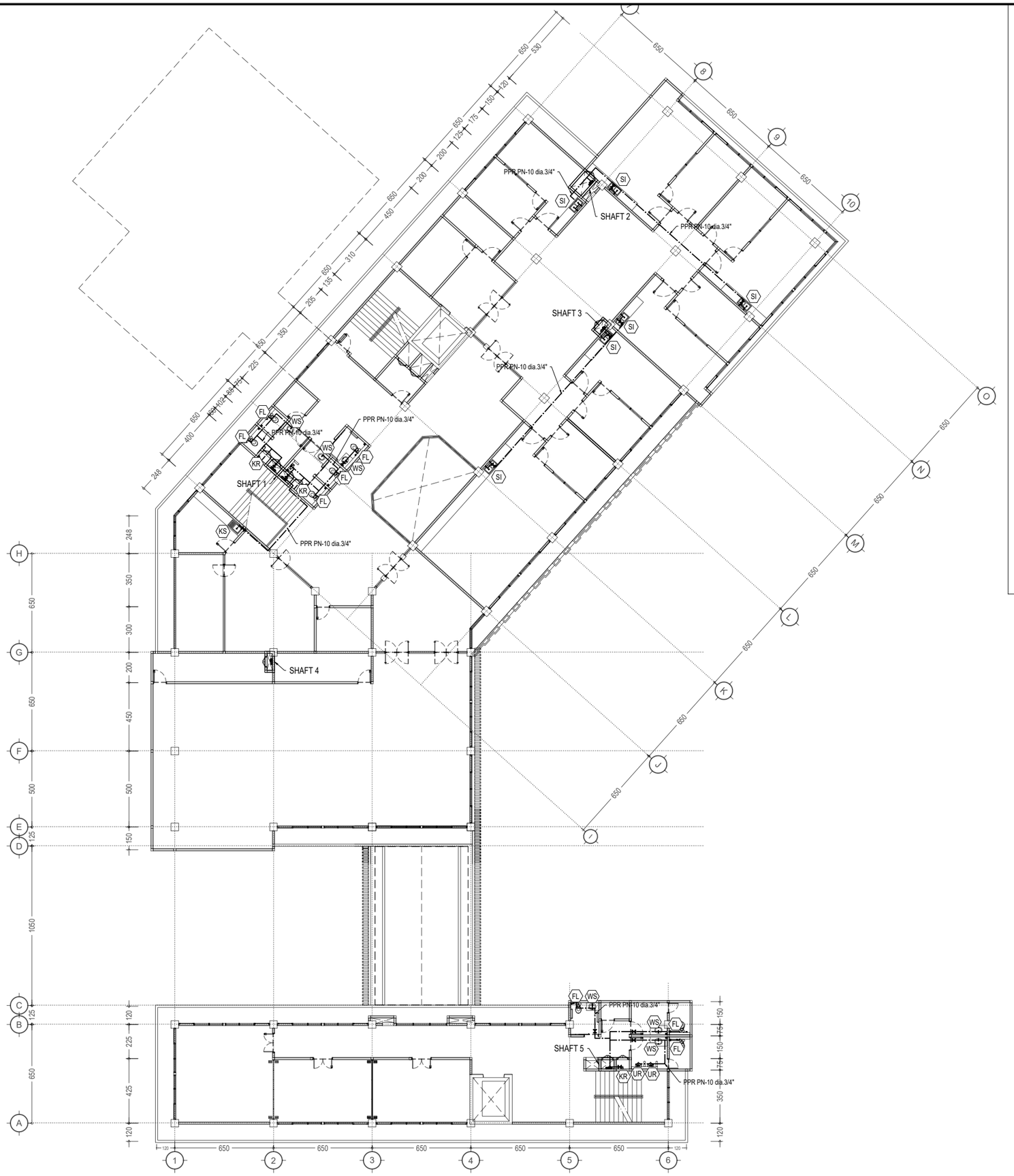
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BERSIH (BANG. UTAMA) LT-2 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-005 | 302 |




## KETERANGAN

| | | |
|---|---|---|
| FL | : FLUSH CLOSET DUDUK, in. 3/4" + JET WASHER | : 08 BH |
| WS | : WESTAFEL + KRAN WESTAFEL, in. 3/4" | : 05 BH |
| UR | : URINOIR, in. 3/4" | : 03 BH |
| KR | : KRAN STANDARD, in. 3/4" | : 03 BH |
| HS | : DOUBLE KRAN + SHOWER, in. 3/4" | : - |
| KS | : KITCHEN SINK + 1 KRAN SINK, in. 3/4" | : 01 BH |
| SI | : SCRUB SINK 2 MATA + 2 KRAN SINK, in. 3/4" | : 06 BH |
| SS | : SCRUB STATION 4 MATA + 4 KRAN SINK, in. 3/4" | : - |
| SB | : SUMUR BOR DALAM ±100 M | : - |
| TP1 | : TRANSFER PUMP 2 MESIN (BANGUNAN UTAMA) | : - |
| TP2 | : TRANSFER PUMP 1 MESIN (BANGUNAN RUMAH DUKA) | : - |
| BP1 | : BOOSTER PUMP 2 MESIN (BANGUNAN UTAMA) | : - |
| BP2 | : BOOSTER PUMP 1 MESIN (BANGUNAN RUMAH DUKA) | : - |
| BP3 | : BOOSTER PUMP 1 MESIN (BANGUNAN LAB. PENDIDIKAN) | : - |
| TK1 | : PANEL TANK FIBERGLASS 24 M³ (GROUND WATER TANK) | : - |
| TK2 | : PANEL TANK FIBERGLASS 8 M³ (ROOF TANK) | : - |
| TK3 | : PANEL TANK FIBERGLASS 4 M³ (ROOF TANK) | : - |
| TK4 | : TANDON AIR FIBERGLASS 2 UNIT / 2 M³ | : - |

: GATE VALVE

: PIPA VERTIKAL

SHAFT 1 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 2 : AIR BERSIH DARI TRANSFER PUMP KE ROOFTANK, PIPA GIP MEDIUM 2"
AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 3 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 4 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

SHAFT 5 : AIR BERSIH DARI TRANSFER PUMP KE ROOFTANK, PIPA GIP MEDIUM 1"
AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

U

PL-006 / - DENAH INST. AIR BERSIH (BANG. UTAMA) LT-3

SCALE
1:275

**UNIVERSITAS HASANUDDIN**
**2026**

**PROYEK**

**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

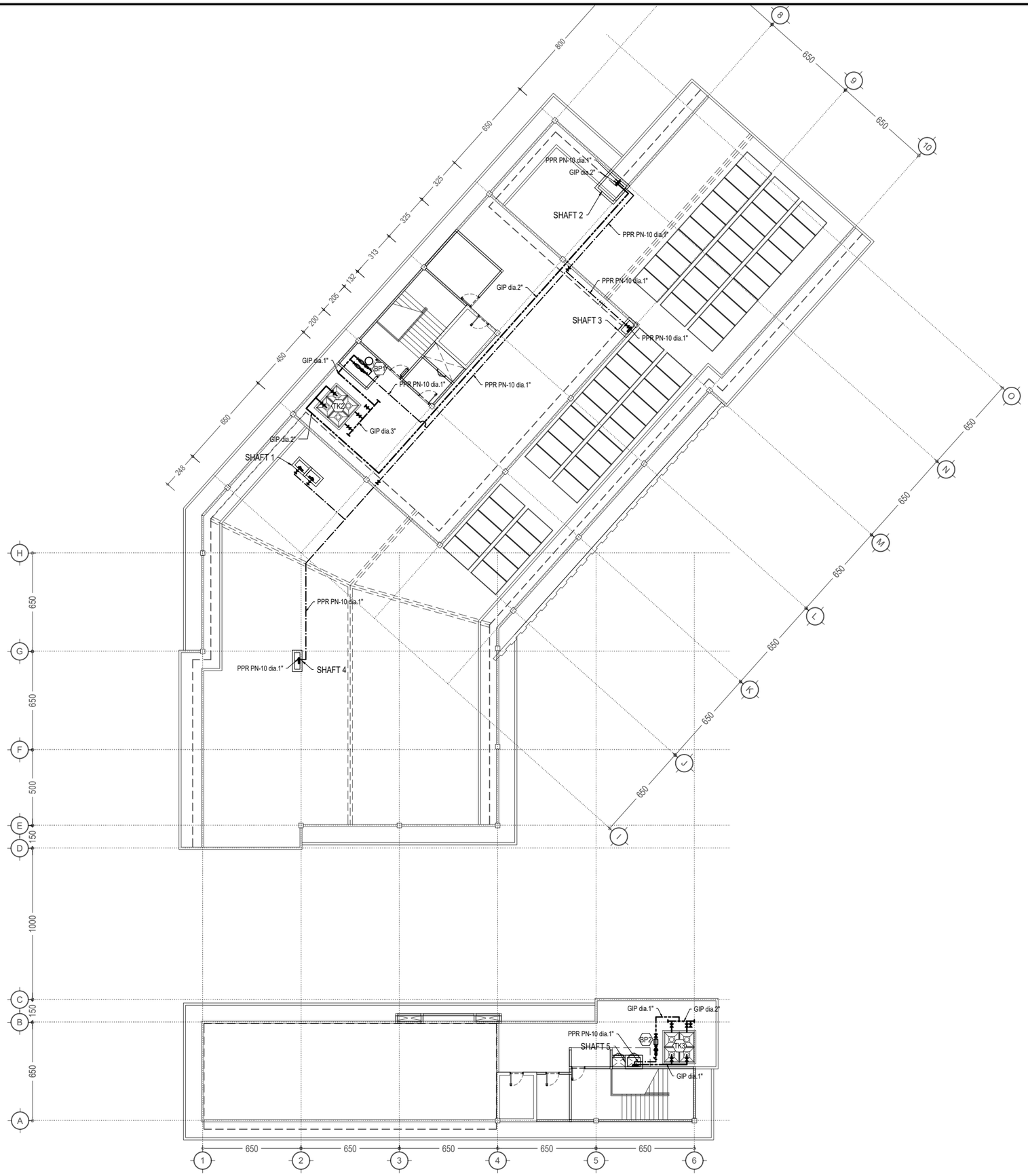
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BERSIH (BANG. UTAMA) LT-3 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-006 | 302 |




## KETERANGAN

| | | |
|---|---|---|
| FL | : FLUSH CLOSET DUDUK, in. 3/4" + JET WASHER | : - |
| WS | : WESTAFEL + KRAN WESTAFEL, in. 3/4" | : - |
| UR | : URINOIR, in. 3/4" | : - |
| KR | : KRAN STANDARD, in. 3/4" | : - |
| HS | : DOUBLE KRAN + SHOWER, in. 3/4" | : - |
| KS | : KITCHEN SINK + 1 KRAN SINK, in. 3/4" | : - |
| SI | : SCRUB SINK 2 MATA + 2 KRAN SINK, in. 3/4" | : - |
| SS | : SCRUB STATION 4 MATA + 4 KRAN SINK, in. 3/4" | : - |
| SB | : SUMUR BOR DALAM ±100 M | : - |
| TP1 | : TRANSFER PUMP 2 MESIN (BANGUNAN UTAMA) | : - |
| TP2 | : TRANSFER PUMP 1 MESIN (BANGUNAN RUMAH DUKA) | : - |
| BP1 | : BOOSTER PUMP 2 MESIN (BANGUNAN UTAMA) | : 01 BH |
| BP2 | : BOOSTER PUMP 1 MESIN (BANGUNAN RUMAH DUKA) | : 01 BH |
| BP3 | : BOOSTER PUMP 1 MESIN (BANGUNAN LAB. PENDIDIKAN) | : - |
| TK1 | : PANEL TANK FIBERGLASS 24 M³ (GROUND WATER TANK) | : - |
| TK2 | : PANEL TANK FIBERGLASS 8 M³ (ROOF TANK) | : 01 BH |
| TK3 | : PANEL TANK FIBERGLASS 4 M³ (ROOF TANK) | : 01 BH |
| TK4 | : TANDON AIR FIBERGLASS 2 UNIT / 2 M³ | : - |

: GATE VALVE

: PIPA VERTIKAL

SHAFT 1 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"
SHAFT 2 : AIR BERSIH DARI TRANSFER PUMP KE ROOFTANK, PIPA GIP MEDIUM 2"
AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"
SHAFT 3 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"
SHAFT 4 : AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"
SHAFT 5 : AIR BERSIH DARI TRANSFER PUMP KE ROOFTANK, PIPA GIP MEDIUM 1"
AIR BERSIH DARI ROOFTANK KE KRAN, PIPA PPR PN-10 1"

U

PL-007 / - DENAH INST. AIR BERSIH (BANG. UTAMA) LT-DAK

SCALE
1:275

**UNIVERSITAS HASANUDDIN**
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**PROYEK**

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**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BERSIH (BANG. UTAMA) LT-DAK | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

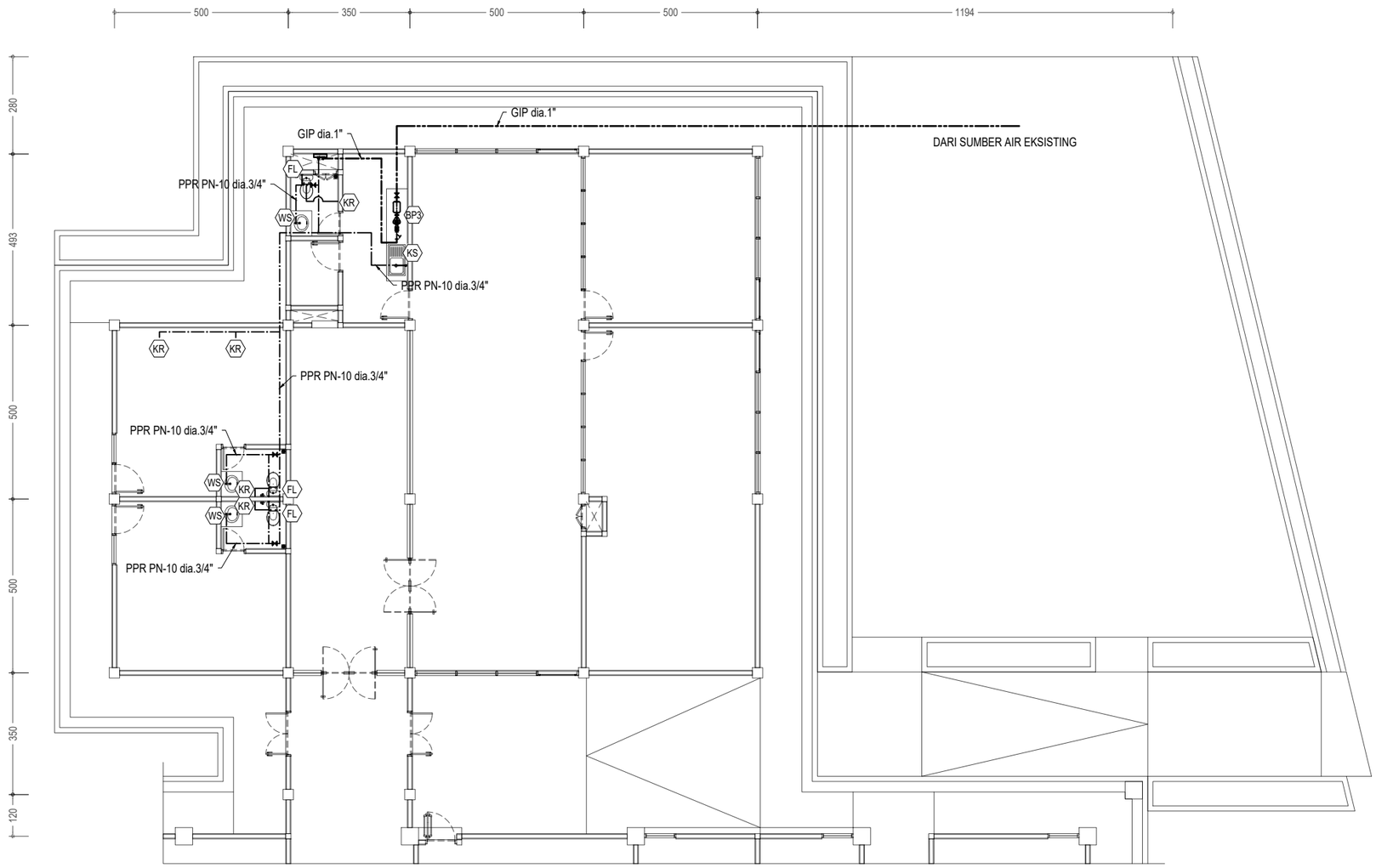
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-007 | 302 |

## KETERANGAN

| | | |
|---|---|---|
| FL | : FLUSH CLOSET DUDUK, in. 3/4" + JET WASHER | : 03 BH |
| WS | : WESTAFEL + KRAN WESTAFEL, in. 3/4" | : 03 BH |
| KR | : KRAN STANDARD, in. 3/4" | : 05 BH |
| KS | : KITCHEN SINK + 1 KRAN SINK, in. 3/4" | : 01 BH |
| HS | : DOUBLE KRAN + SHOWER, in. 3/4" | : - |
| SI | : SCRUB SINK 2 MATA + 2 KRAN SINK, in. 3/4" | : - |
| BP3 | : BOOSTER PUMP 1 MESIN (BANGUNAN LAB. PENDIDIKAN) | : 01 BH |
| TK4 | : TANDON AIR FIBERGLASS 2 UNIT / 2 M³ | : - |

: GATE VALVE

: PIPA VERTIKAL




PL-008 / - DENAH INST. AIR BERSIH (BANG. ADM) LT-1

SCALE 1:150

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UNIVERSITAS HASANUDDIN
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PROYEK

PEMBANGUNAN
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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BERSIH (BANG. ADM) LT-1 | 1:150 |

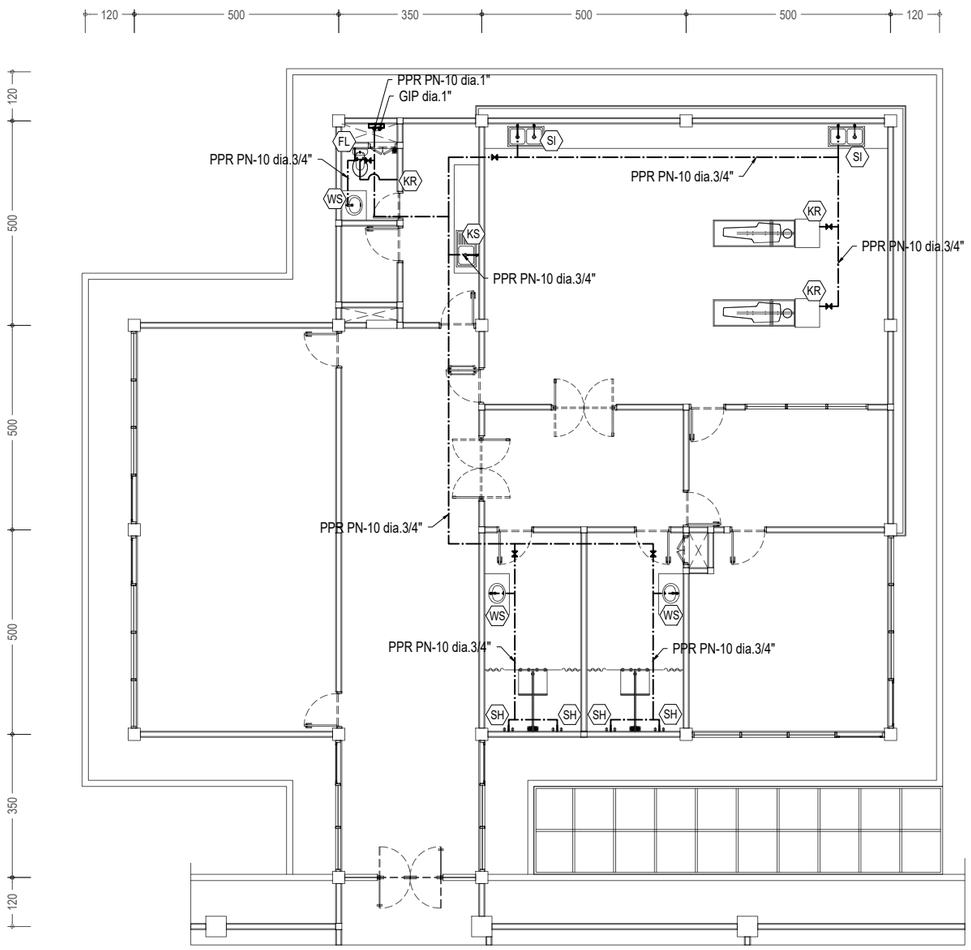
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-008 | 302 |

## KETERANGAN

| | | |
|---|---|---|
| FL | : FLUSH CLOSET DUDUK, in. 3/4" + JET WASHER | : 01 BH |
| WS | : WESTAFEL + KRAN WESTAFEL, in. 3/4" | : 03 BH |
| KR | : KRAN STANDARD, in. 3/4" | : 03 BH |
| KS | : KITCHEN SINK + 1 KRAN SINK, in. 3/4" | : 01 BH |
| HS | : DOUBLE KRAN + SHOWER, in. 3/4" | : 02 BH |
| SI | : SCRUB SINK 2 MATA + 2 KRAN SINK, in. 3/4" | : 02 BH |
| BP3 | : BOOSTER PUMP 1 MESIN (BANGUNAN LAB. PENDIDIKAN) | : - |
| TK4 | : TANDON AIR FIBERGLASS 2 UNIT / 2 M³ | : - |

: GATE VALVE
: PIPA VERTIKAL

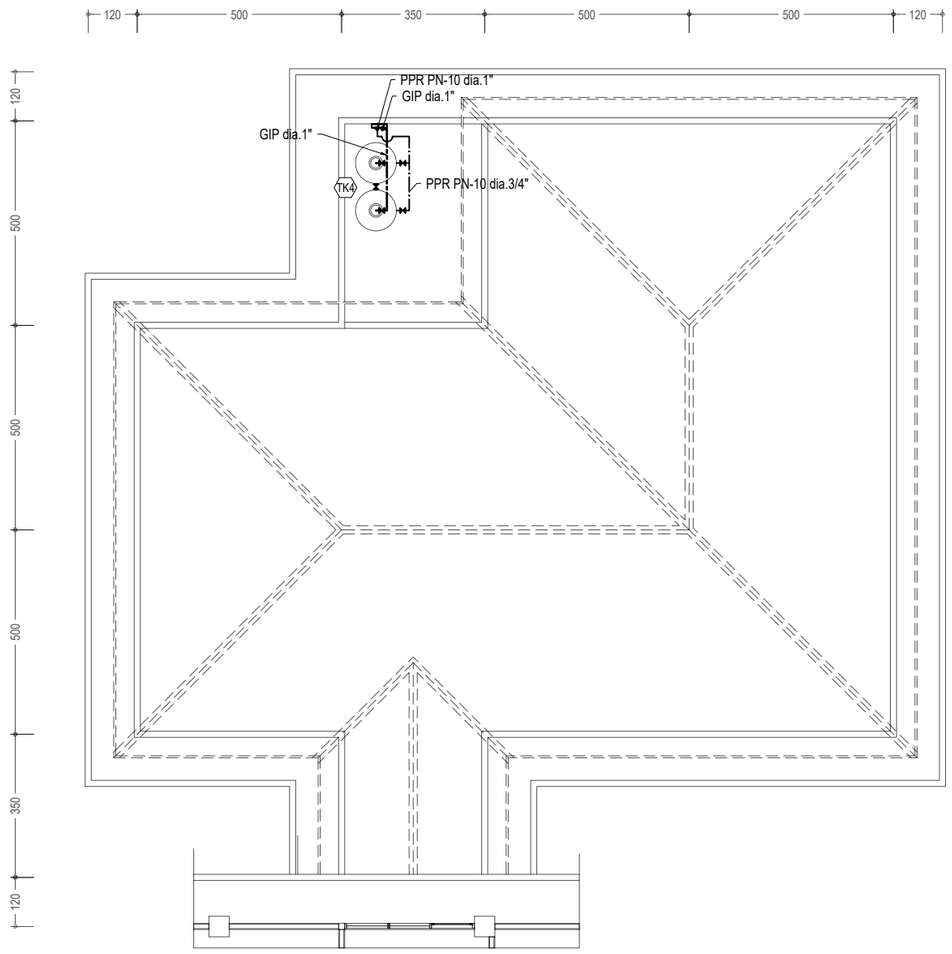



PL-009 / - DENAH INST. AIR BERSIH (BANG. ADM) LT-2
SCALE
1:150

## KETERANGAN

| | | |
|---|---|---|
| FL | : FLUSH CLOSET DUDUK, in. 3/4" + JET WASHER | : - |
| WS | : WESTAFEL + KRAN WESTAFEL, in. 3/4" | : - |
| KR | : KRAN STANDARD, in. 3/4" | : - |
| KS | : KITCHEN SINK + 1 KRAN SINK, in. 3/4" | : - |
| HS | : DOUBLE KRAN + SHOWER, in. 3/4" | : - |
| SI | : SCRUB SINK 2 MATA + 2 KRAN SINK, in. 3/4" | : - |
| BP3 | : BOOSTER PUMP 1 MESIN (BANGUNAN LAB. PENDIDIKAN) | : - |
| TK4 | : TANDON AIR FIBERGLASS 2 UNIT / 2 M³ | : 01 BH |

: GATE VALVE
: PIPA VERTIKAL




PL-009 / - DENAH INST. AIR BERSIH (BANG. ADM) LT-2 & ATAP
SCALE
1:150

U

UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BERSIH (BANG. ADM) LT-2 & ATAP | 1:150 |

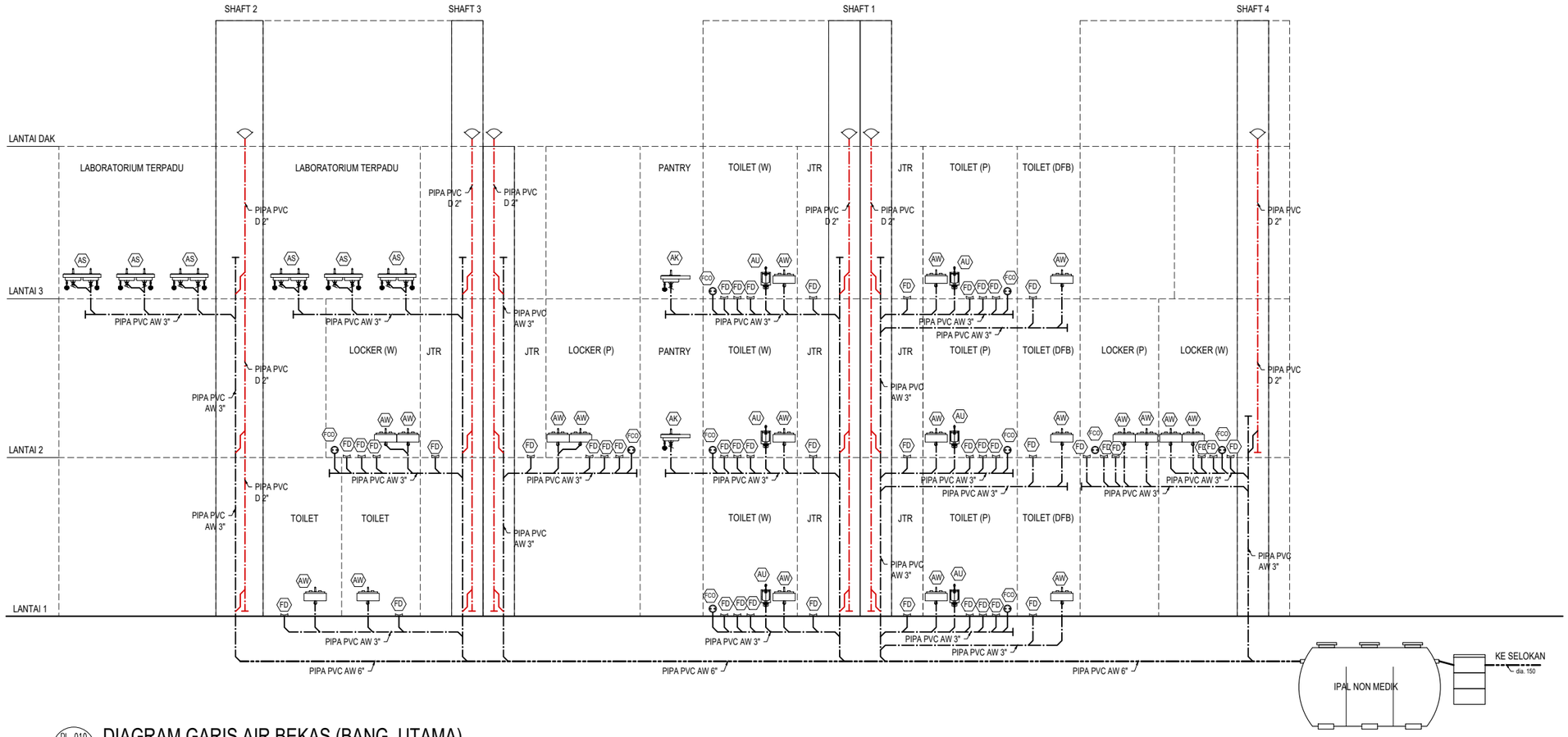
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-009 | 302 |

## KETERANGAN

FD : FLOOR DRAIN, in. 3"
AW : AVUR WESTAFEL, in. 2"
AU : AVUR URINOIR, in. 2"
AK : AVUR KITCHEN SINK, in. 2"
AS : AVUR SCRUB SINK, in. 2"
FCO : FLOOR CLEAN OUT

SHAFT 1 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 1 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 2 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 4 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 5 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"




PL-010 / - DIAGRAM GARIS AIR BEKAS (BANG. UTAMA)
SCALE
NTS

UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DIAGRAM GARIS AIR BEKAS (BANG. UTAMA) | NTS |

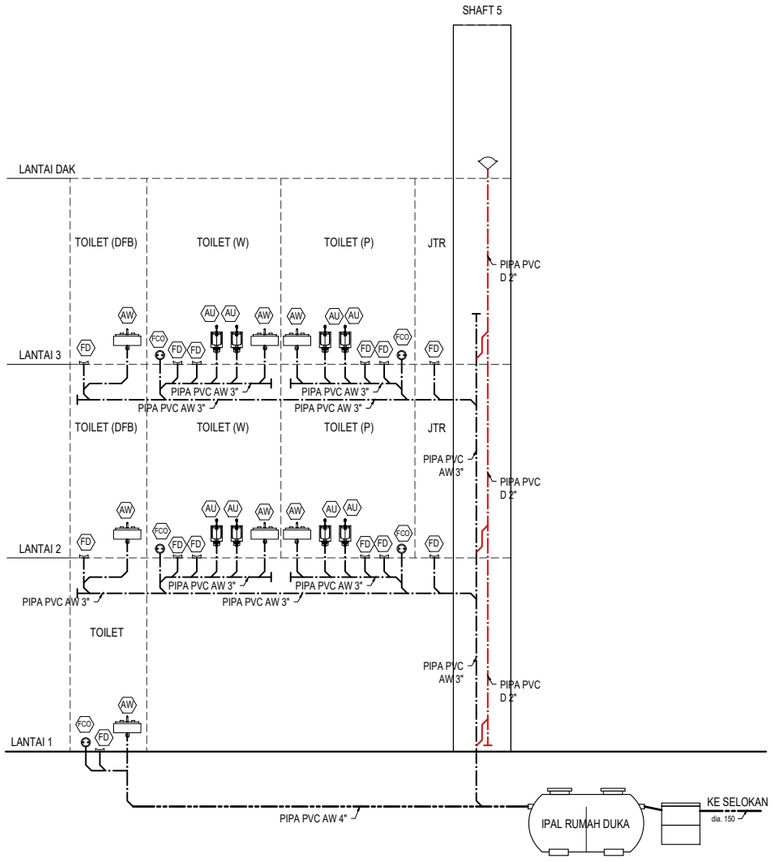
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-010 | 302 |

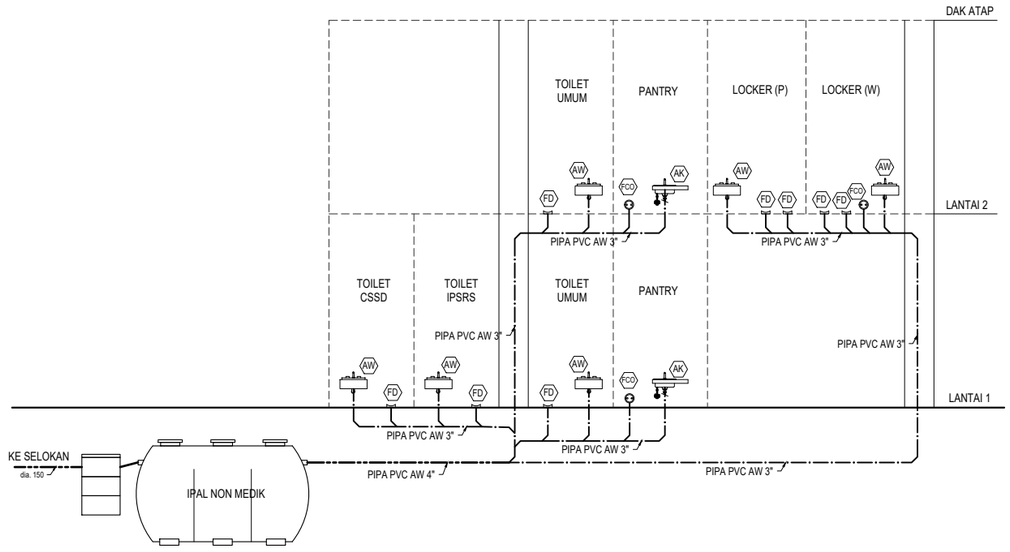
## KETERANGAN

FD : FLOOR DRAIN, in. 3"
AW : AVUR WESTAFEL, in. 2"
AU : AVUR URINOIR, in. 2"
AK : AVUR KITCHEN SINK, in. 2"
AS : AVUR SCRUB SINK, in. 2"
FCO : FLOOR CLEAN OUT

SHAFT 1 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 1 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 2 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 4 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 5 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"




PL-011 / - DIAGRAM GARIS AIR BEKAS (BANG. RUMAH DUKA)
SCALE
NTS




PL-011 / - DIAGRAM GARIS AIR BEKAS (BANG. LABORATORIUM)
SCALE
NTS

UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

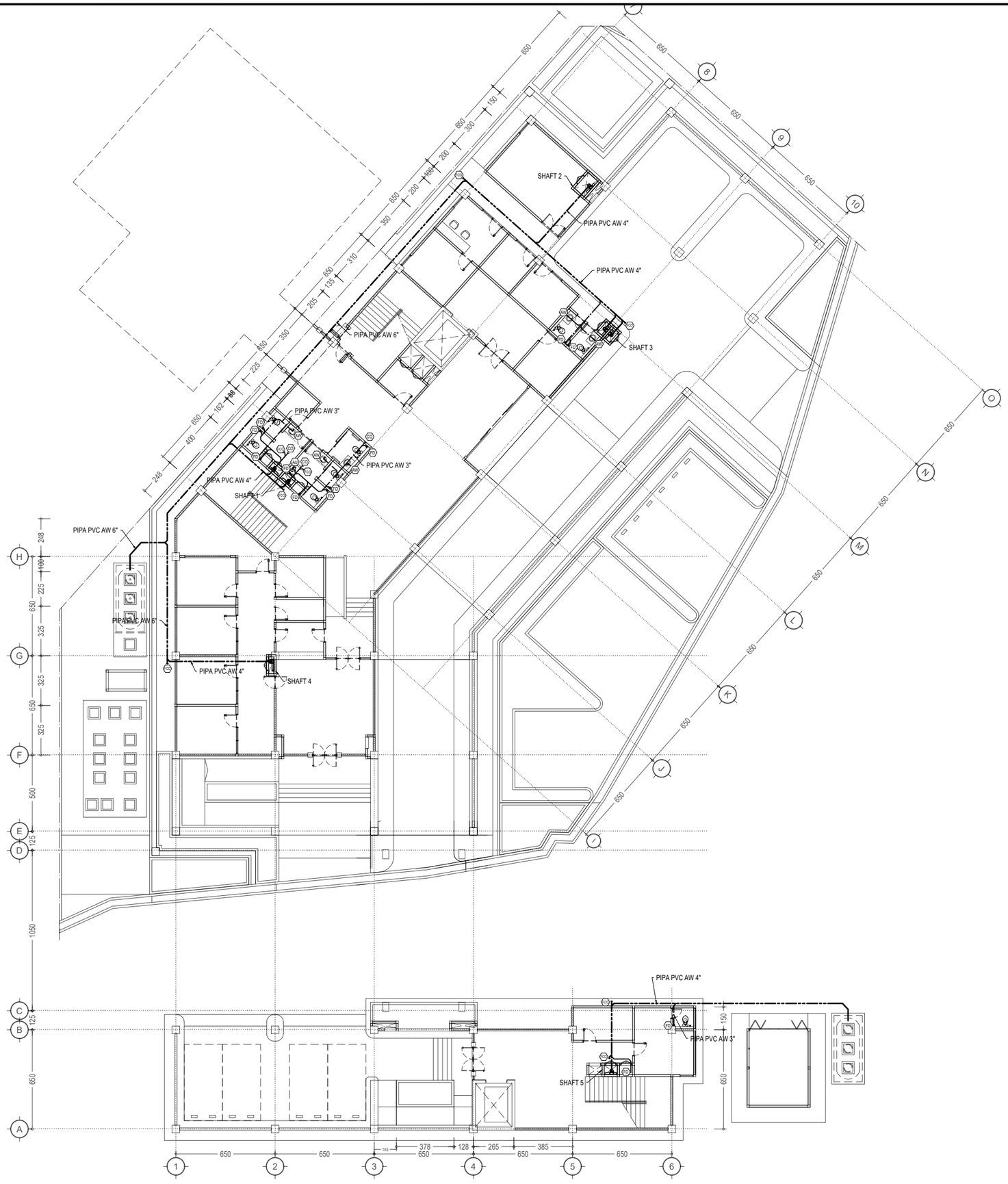
KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DIAGRAM GARIS AIR BEKAS (BANG. RUMAH DUKA & LAB) | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-011 | 302 |




## KETERANGAN

| | | |
|---|---|---|
| FD | : FLOOR DRAIN, in. 3" | : 13 BH |
| AW | : AVUR WESTAFEL, in. 2" | : 05 BH |
| AU | : AVUR URINOIR, in. 2" | : 03 BH |
| AK | : AVUR KITCHEN SINK, in. 2" | : - |
| AS | : AVUR SCRUB SINK, in. 2" | : - |
| FCO | : FLOOR CLEAN OUT, 4" | : 06 BH |
| FCO | : FLOOR CLEAN OUT, 3" | : 02 BH |

: PIPA VERTIKAL

SHAFT 1 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 1 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 2 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 4 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 5 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

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PL-012 / - DENAH INST. AIR BEKAS (BANG. UTAMA) LT-1
SCALE
1:275

UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
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DIPERIKSA

DIKETAHUI

DISETUJUI

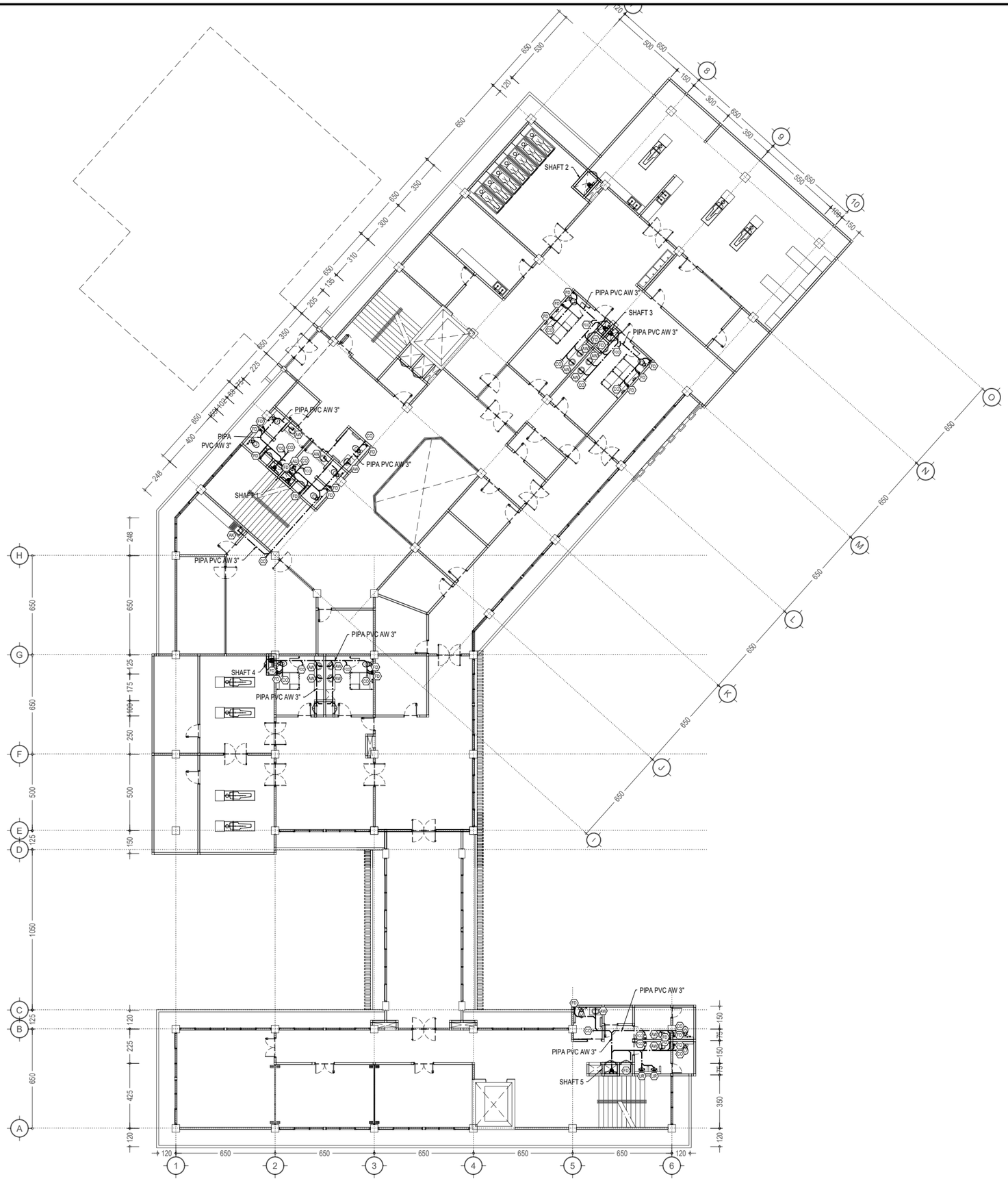
KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BEKAS (BANG. UTAMA) LT-1 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-012 | 302 |




## KETERANGAN

| | | |
|---|---|---|
| FD | : FLOOR DRAIN, in. 3" | : 29 BH |
| AW | : AVUR WESTAFEL, in. 2" | : 14 BH |
| AU | : AVUR URINOIR, in. 2" | : 03 BH |
| AK | : AVUR KITCHEN SINK, in. 2" | : 01 BH |
| AS | : AVUR SCRUB SINK, in. 2" | : - |
| FCO | : FLOOR CLEAN OUT, 4" | : - |
| FCO | : FLOOR CLEAN OUT, 3" | : 08 BH |

: PIPA VERTIKAL

SHAFT 1 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 1 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 2 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 3 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 4 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 5 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

U

PL-013 / - DENAH INST. AIR BEKAS (BANG. UTAMA) LT-2

SCALE
1:275

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**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

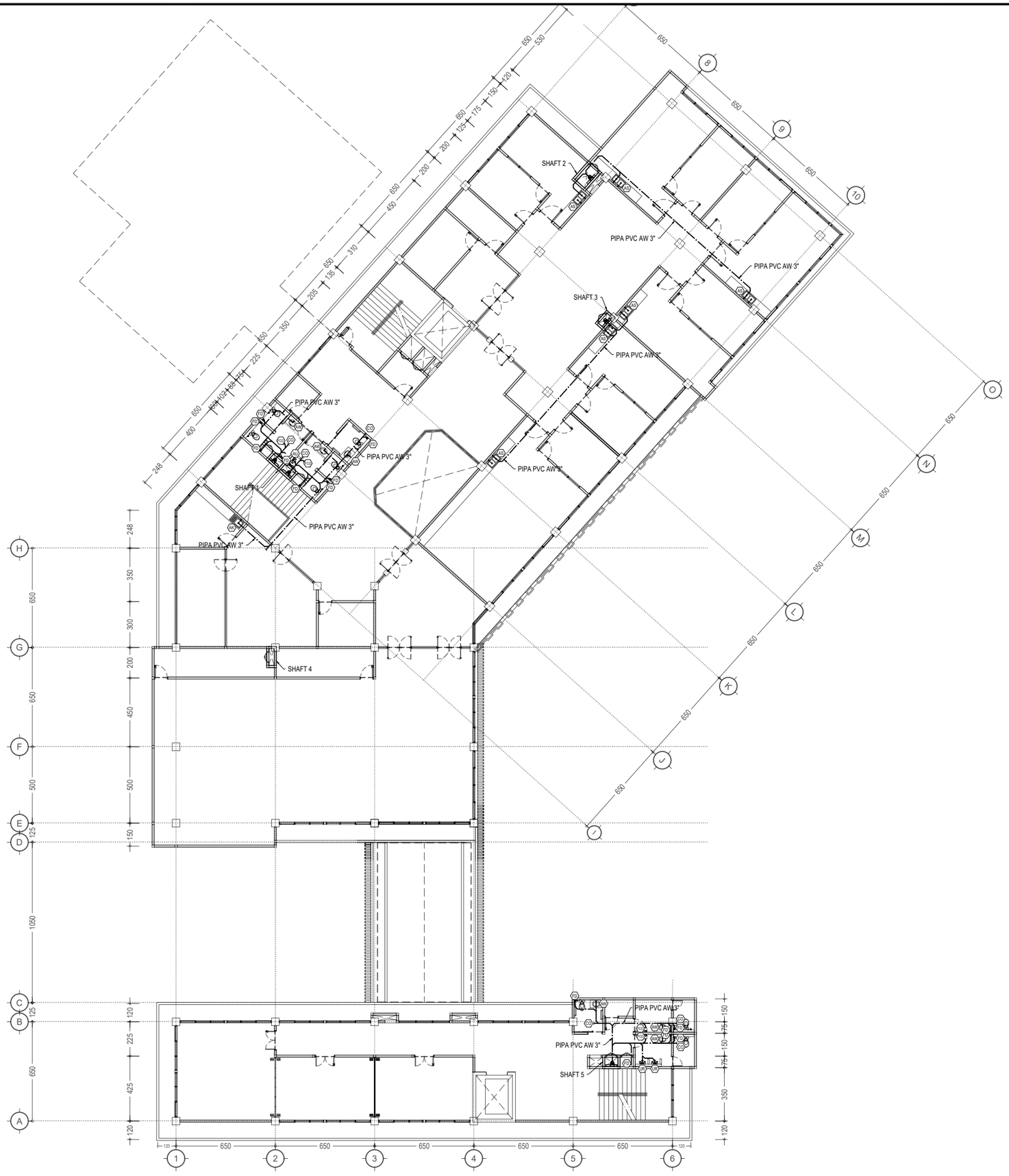
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BEKAS (BANG. UTAMA) LT-2 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-013 | 302 |




## KETERANGAN

| | | |
|---|---|---|
| FD | : FLOOR DRAIN, in. 3" | : 15 BH |
| AW | : AVUR WESTAFEL, in. 2" | : 06 BH |
| AU | : AVUR URINOIR, in. 2" | : 03 BH |
| AK | : AVUR KITCHEN SINK, in. 2" | : 01 BH |
| AS | : AVUR SCRUB SINK, in. 2" | : 06 BH |
| FCO | : FLOOR CLEAN OUT, 4" | : - |
| FCO | : FLOOR CLEAN OUT, 3" | : 05 BH |

: PIPA VERTIKAL

SHAFT 1 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 1 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 2 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (A) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (B) : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 4 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 5 : 1 BH, PIPA AIR BEKAS DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

PL-014 / -

## DENAH INST. AIR BEKAS (BANG. UTAMA) LT-3

SCALE
1:275

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**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

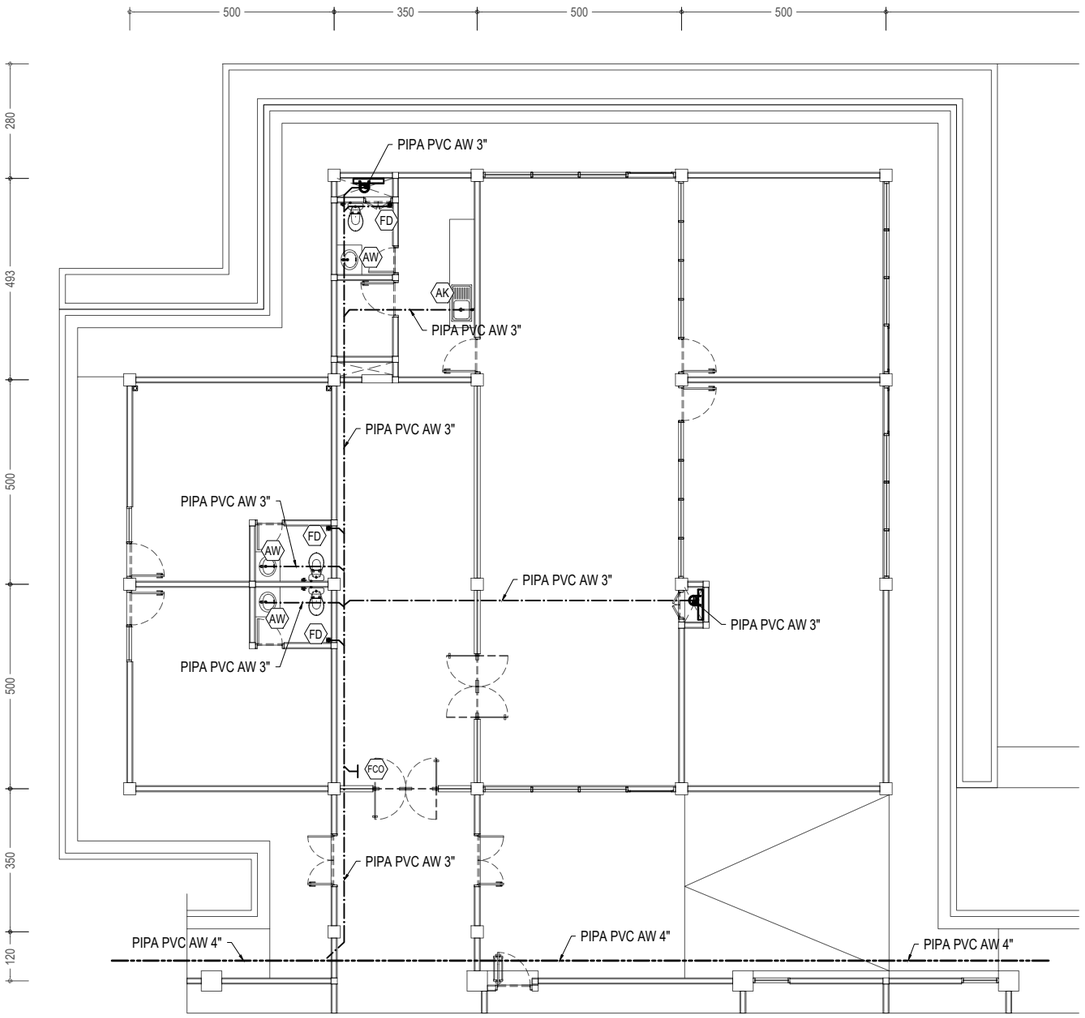
| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BEKAS (BANG. UTAMA) LT-3 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-014 | 302 |

## KETERANGAN

| | | |
|---|---|---|
| FD | : FLOOR DRAIN, in. 3" | : 03 BH |
| AW | : AVUR WESTAFEL, in. 2" | : 03 BH |
| AK | : AVUR KITCHEN SINK, in. 2" | : 01 BH |
| FCO | : FLOOR CLEAN OUT, 4" | : 01 BH |
| FCO | : FLOOR CLEAN OUT, 3" | : - |
| | : PIPA VERTIKAL | |



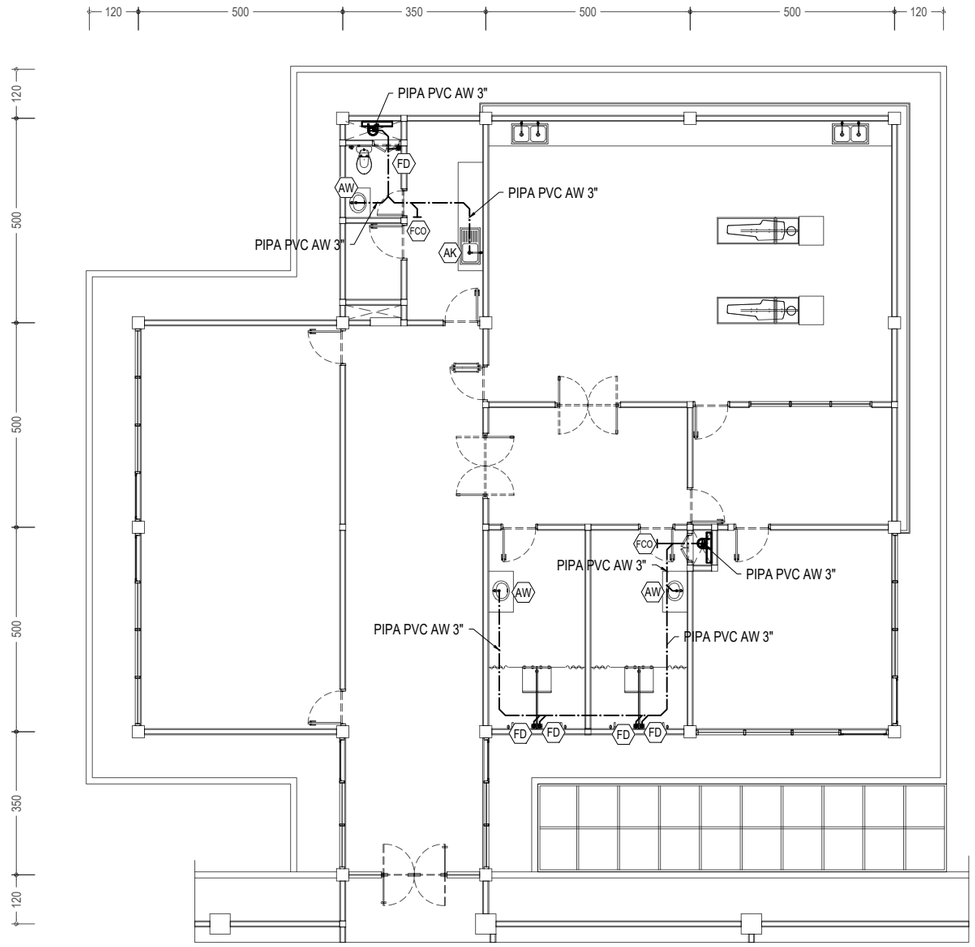

PL-015 / -

## DENAH INST. AIR BEKAS (BANG.ADM) LT-1

SCALE
1:150

## KETERANGAN

| | | |
|---|---|---|
| FD | : FLOOR DRAIN, in. 3" | : 05 BH |
| AW | : AVUR WESTAFEL, in. 2" | : 03 BH |
| AK | : AVUR KITCHEN SINK, in. 2" | : 01 BH |
| FCO | : FLOOR CLEAN OUT, 4" | : - |
| FCO | : FLOOR CLEAN OUT, 3" | : 02 BH |
| | : PIPA VERTIKAL | |




PL-015 / -

## DENAH INST. AIR BEKAS (BANG.ADM) LT-2

SCALE
1:150

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UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR BEKAS (BANG.ADM) | 1:150 |

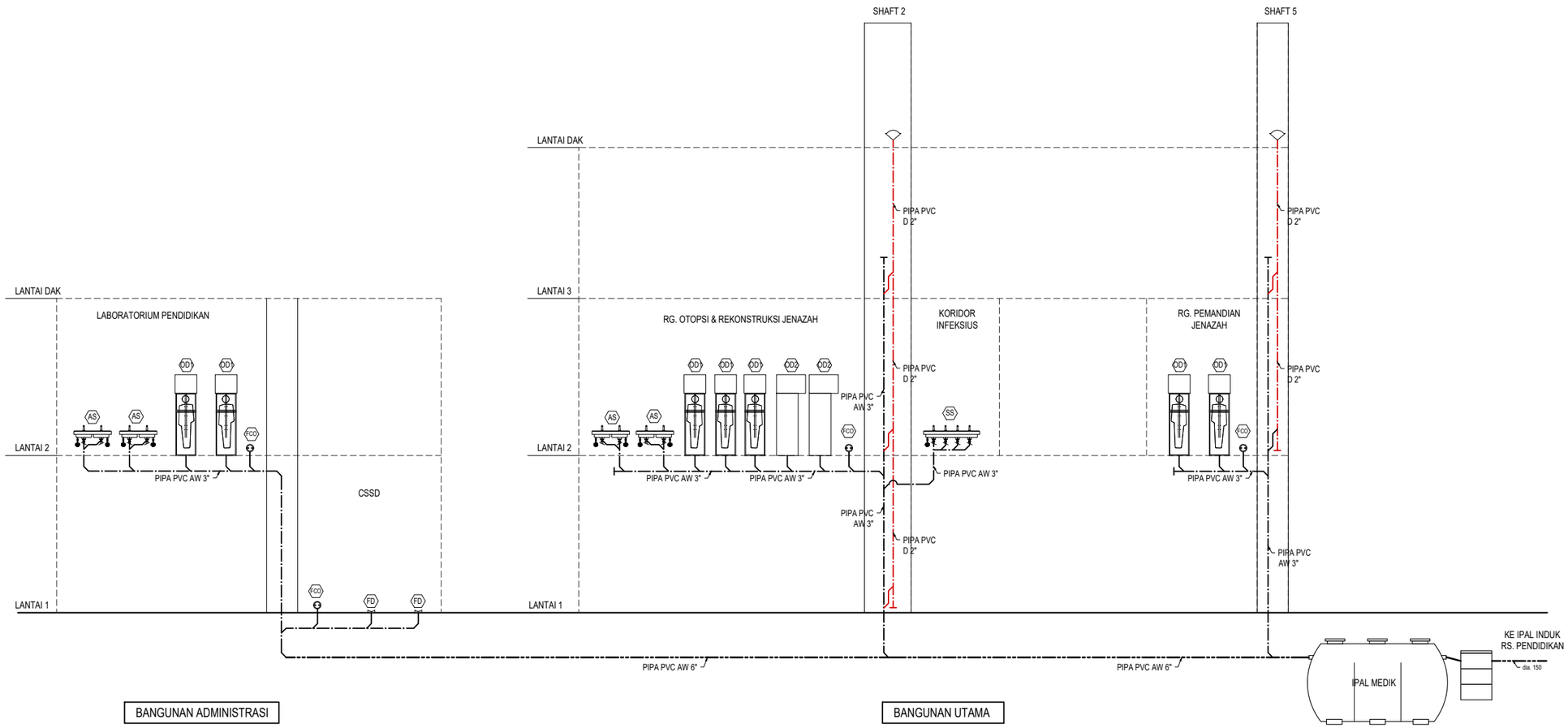
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-015 | 302 |

## KETERANGAN

OD1 : OUTLET DRAIN 1, in. 3"
OD2 : OUTLET DRAIN 2, in. 2"
AS : AVUR SCRUB SINK, in. 2"
FCO : FLOOR CLEAN OUT

SHAFT 2 : 1 BH, PIPA AIR LIMBAH DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"
SHAFT 4 : 1 BH, PIPA AIR LIMBAH DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"




PL-016 / - DIAGRAM GARIS AIR LIMBAH MEDIS

SCALE
NTS

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DIPERIKSA

DIKETAHUI

DISETUJUI

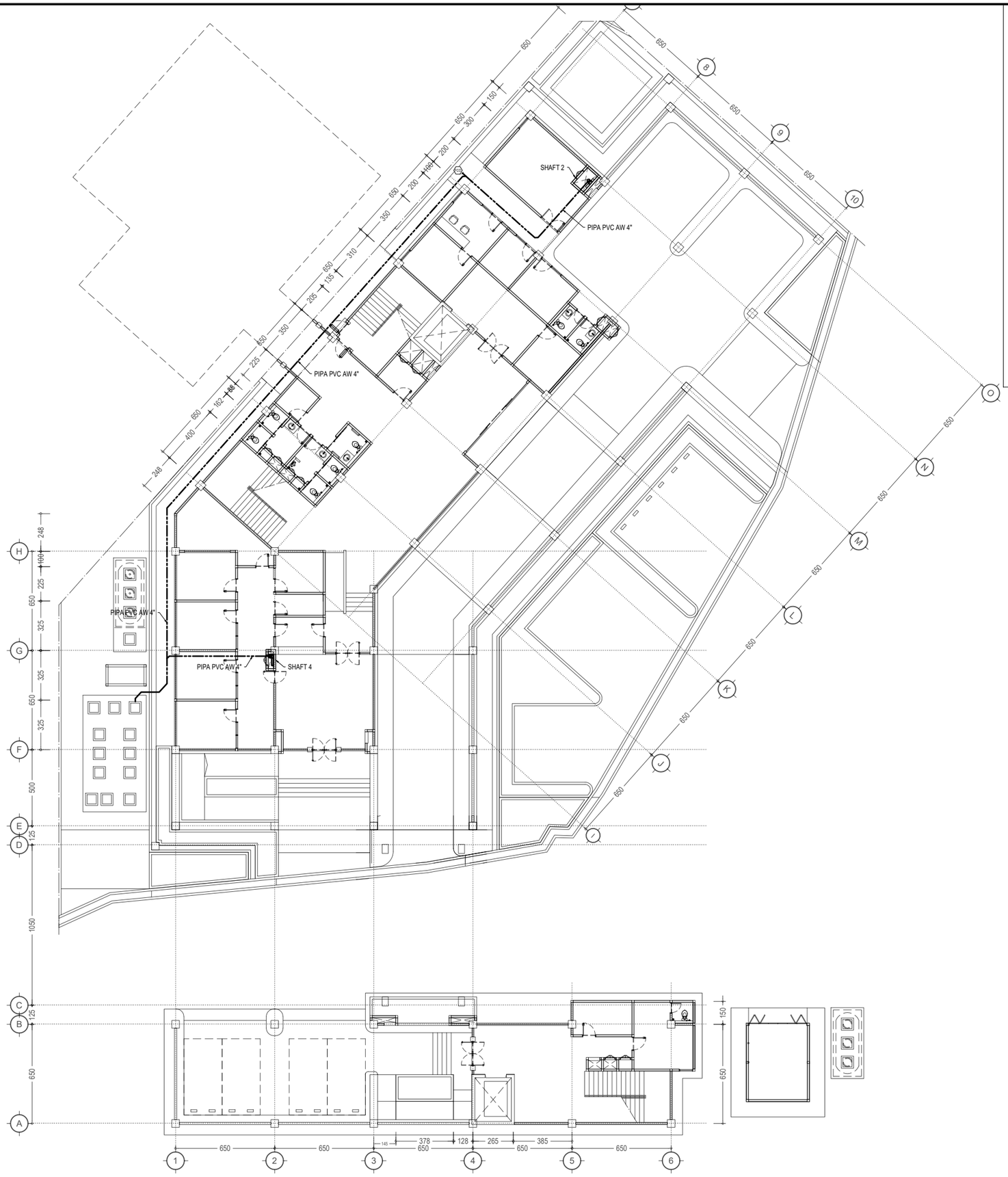
KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DIAGRAM GARIS AIR LIMBAH MEDIS | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-016 | 302 |




## KETERANGAN

| | | |
|---|---|---|
| OD1 | : OUTLET DRAIN 1, in. 3" | : - |
| OD2 | : OUTLET DRAIN 2, in. 2" | : - |
| AS | : AVUR SCRUB SINK, in. 2" | : - |
| SS | : AVUR SCRUP STATION, in. 2" | : - |
| FCO | : FLOOR CLEAN OUT, 4" | : 01 BH |
| FCO | : FLOOR CLEAN OUT, 3" | : - |

: PIPA VERTIKAL

SHAFT 2 : 1 BH, PIPA AIR LIMBAH DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 4 : 1 BH, PIPA AIR LIMBAH DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

U

PL-017 / - DENAH INST. AIR LIMBAH (BANG. UTAMA) LT-1

SCALE
1:275

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**2026**

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**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

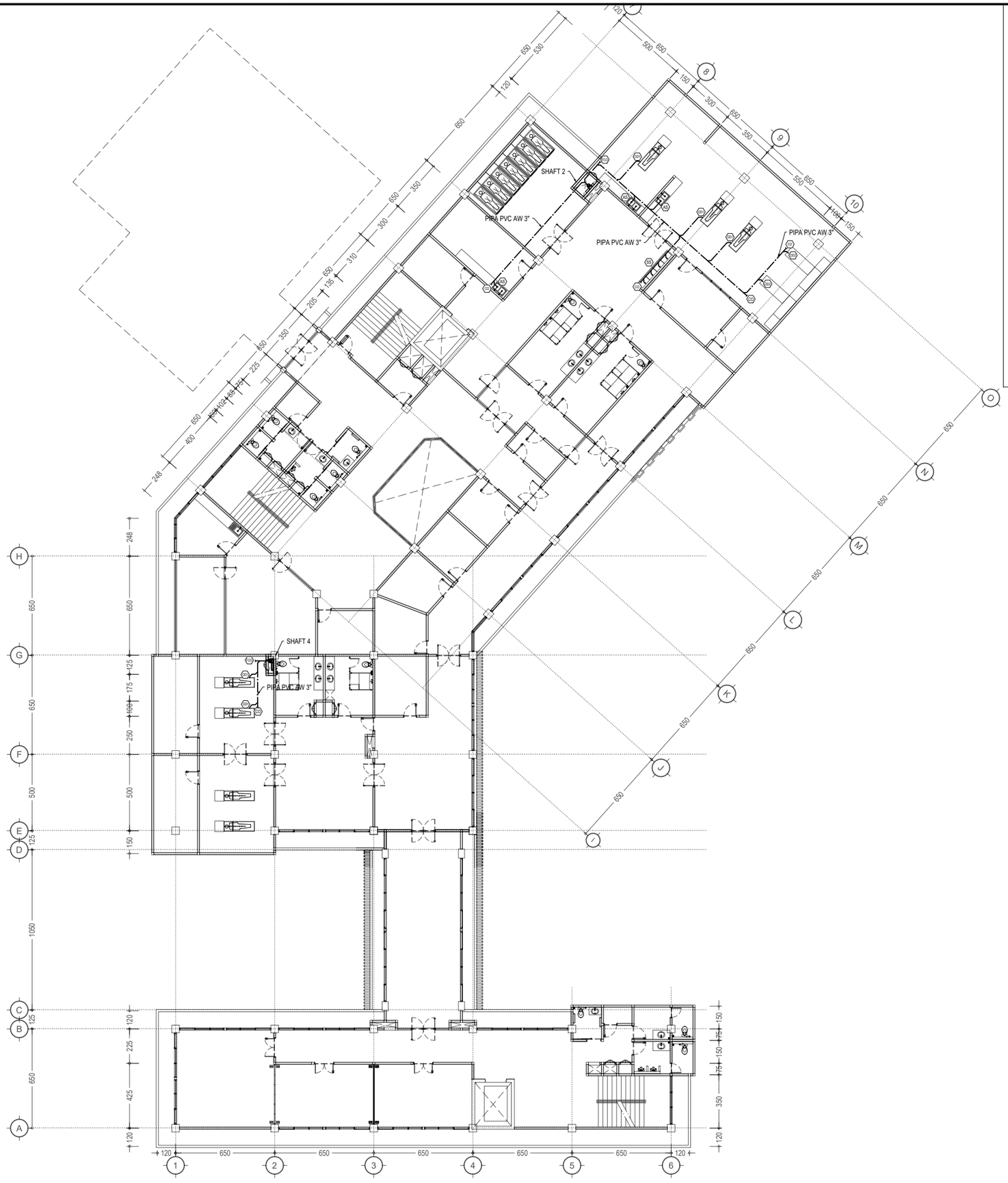
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR LIMBAH (BANG. UTAMA) LT-1 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-017 | 302 |




## KETERANGAN

| | | |
|---|---|---|
| OD1 | : OUTLET DRAIN 1, in. 3" | : 05 BH |
| OD2 | : OUTLET DRAIN 2, in. 2" | : 02 BH |
| AS | : AVUR SCRUB SINK, in. 2" | : 02 BH |
| SS | : AVUR SCRUP STATION, in. 2" | : 04 BH |
| FCO | : FLOOR CLEAN OUT, 4" | : - |
| FCO | : FLOOR CLEAN OUT, 3" | : 02 BH |

: PIPA VERTIKAL

SHAFT 2 : 1 BH, PIPA AIR LIMBAH DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 4 : 1 BH, PIPA AIR LIMBAH DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

U

PL-018 / - DENAH INST. AIR LIMBAH (BANG. UTAMA) LT-2

SCALE
1:275

UNIVERSITAS HASANUDDIN
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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

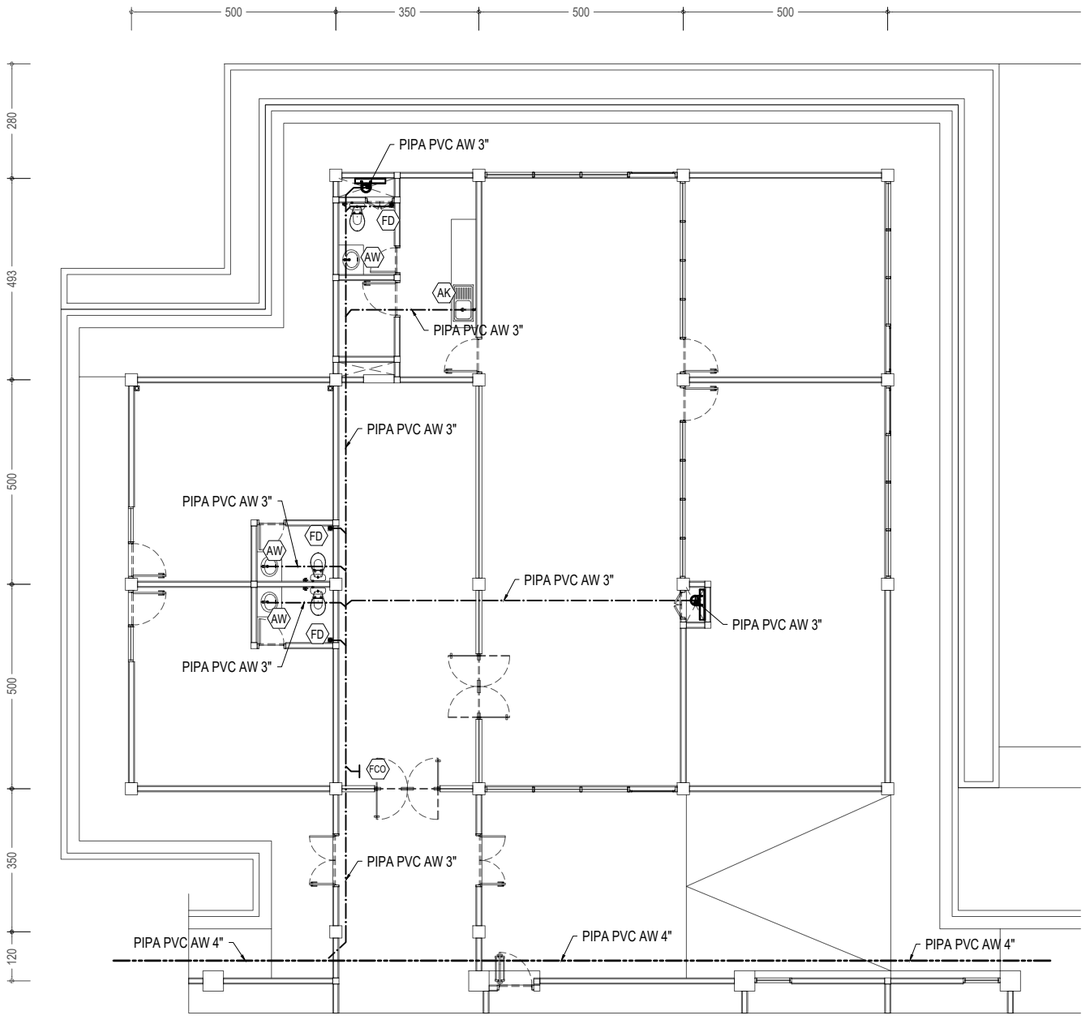
| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR LIMBAH (BANG. UTAMA) LT-2 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-018 | 302 |

## KETERANGAN

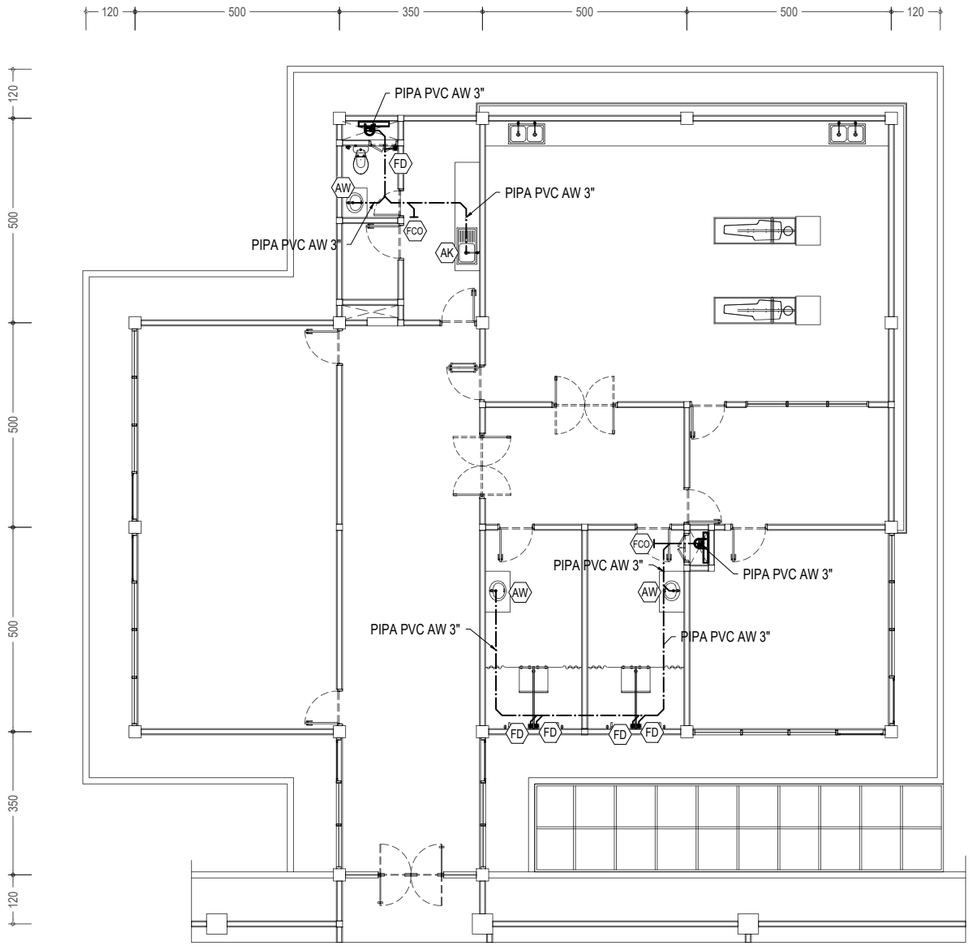
| | | |
|---|---|---|
| FD | : FLOOR DRAIN, in. 3" | : 02 BH |
| OD1 | : OUTLET DRAIN 1, in. 3" | : - |
| AS | : AVUR SCRUB SINK, in. 2" | : - |
| FCO | : FLOOR CLEAN OUT, 4" | : 01 BH |
| FCO | : FLOOR CLEAN OUT, 3" | : - |
| | : PIPA VERTIKAL | |




PL-019 / -
## DENAH INST. AIR LIMBAH (BANG.ADM) LT-1
SCALE
1:150

## KETERANGAN

| | | |
|---|---|---|
| FD | : FLOOR DRAIN, in. 3" | : 02 BH |
| AS | : AVUR SCRUB SINK, in. 2" | : 02 BH |
| FCO | : FLOOR CLEAN OUT, 4" | : 01 BH |
| FCO | : FLOOR CLEAN OUT, 3" | : - |
| | : PIPA VERTIKAL | |




PL-019 / -
## DENAH INST. AIR LIMBAH (BANG.ADM) LT-2
SCALE
1:150

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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR LIMBAH (BANG. ADM) | 1:150 |

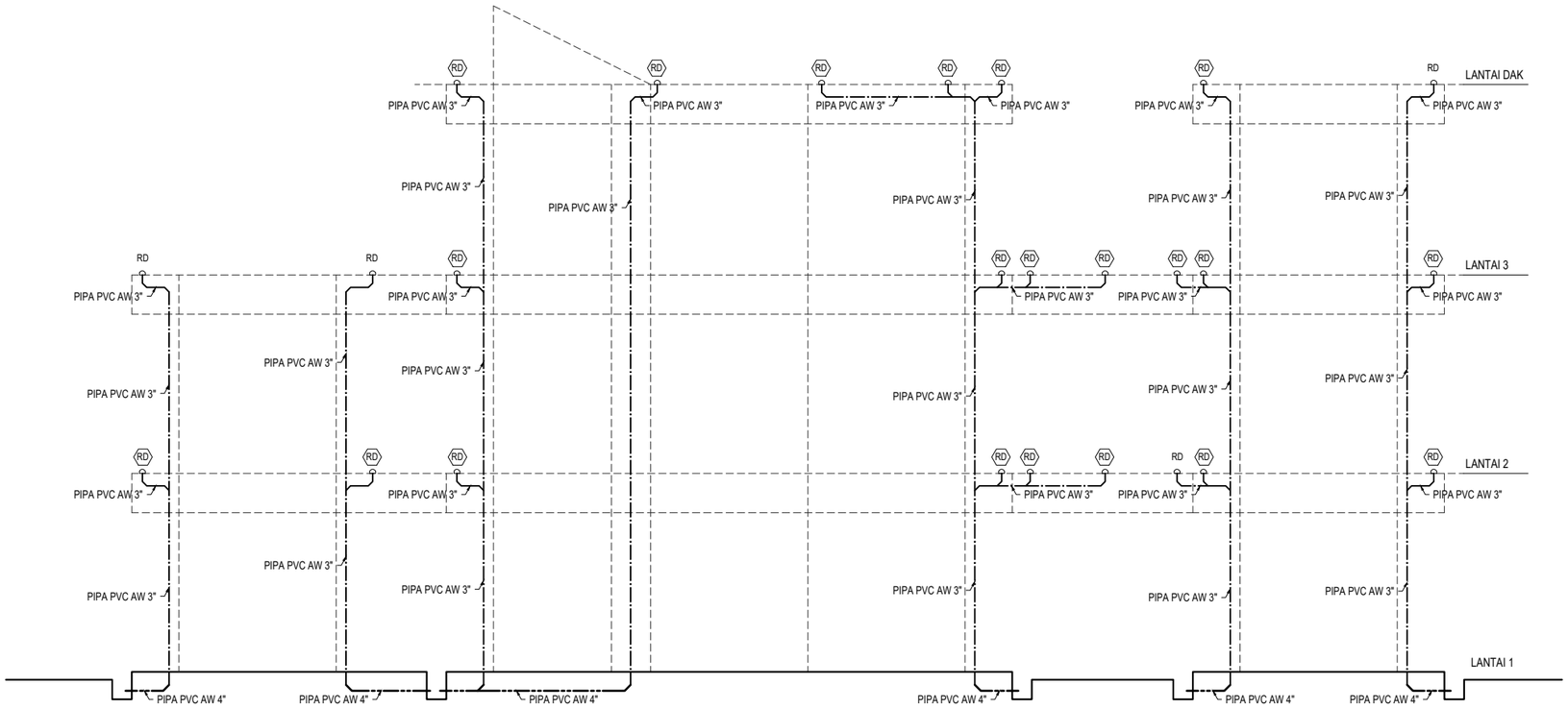
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-019 | 302 |

## KETERANGAN

RD : ROOF DRAIN, in. 3"

PIPA VERTIKAL AIR HUJAN 3", PIPA AIR HUJAN DARI OUTLET KE LT-1




PL-020 / -

## DIAGRAM GARIS AIR HUJAN

SCALE
NTS

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PROYEK

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UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

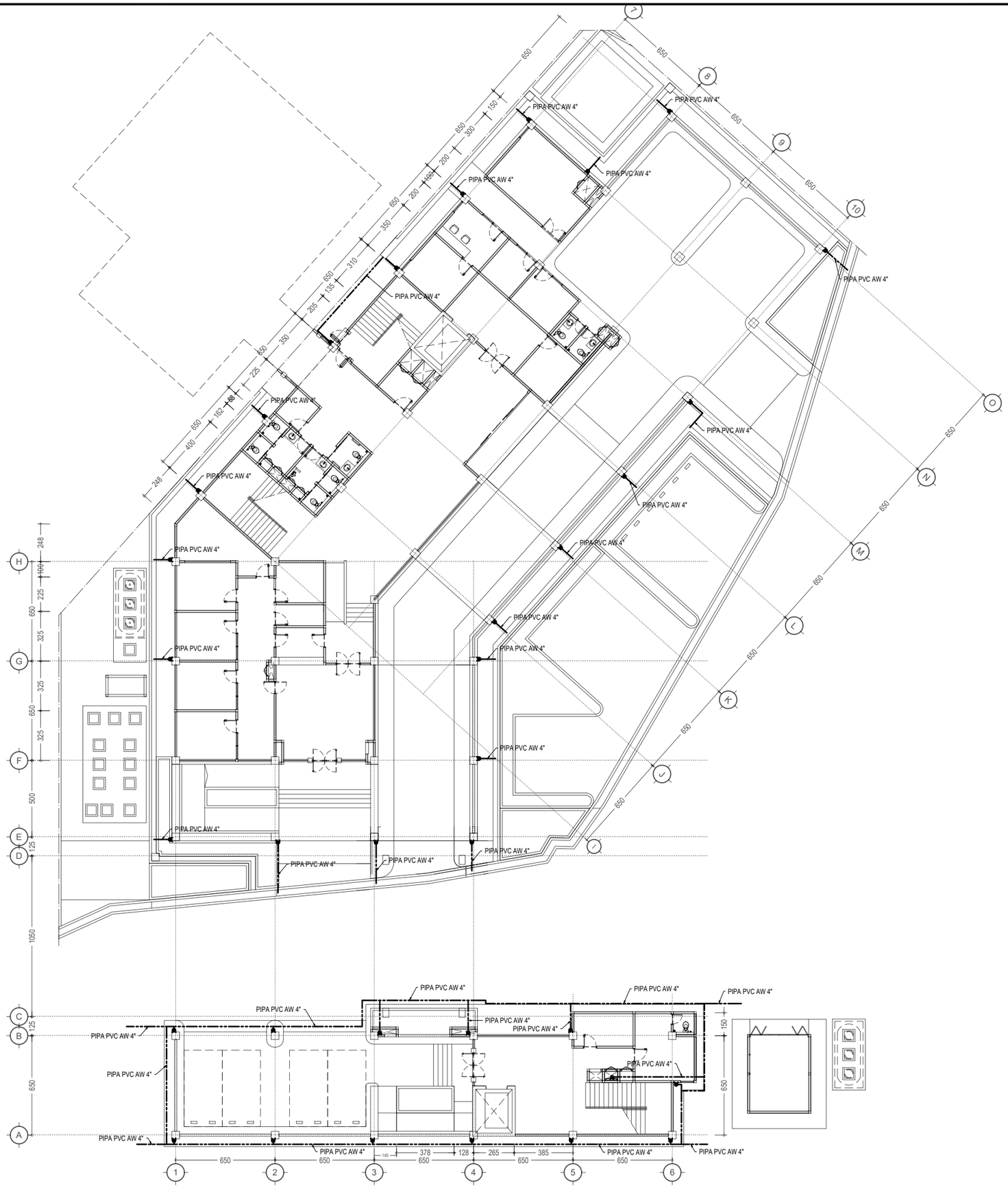
KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DIAGRAM GARIS AIR HUJAN | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-020 | 302 |




## KETERANGAN

RD : ROOF DRAIN, in. 3" : -

: PIPA VERTIKAL AIR HUJAN 3"
PIPA AIR HUJAN DARI OUTLET KE LT-1

PL-021 / - DENAH INST. AIR HUJAN (BANG. UTAMA) LT-1

SCALE
1:275

**UNIVERSITAS HASANUDDIN**
**2026**

**PROYEK**

**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

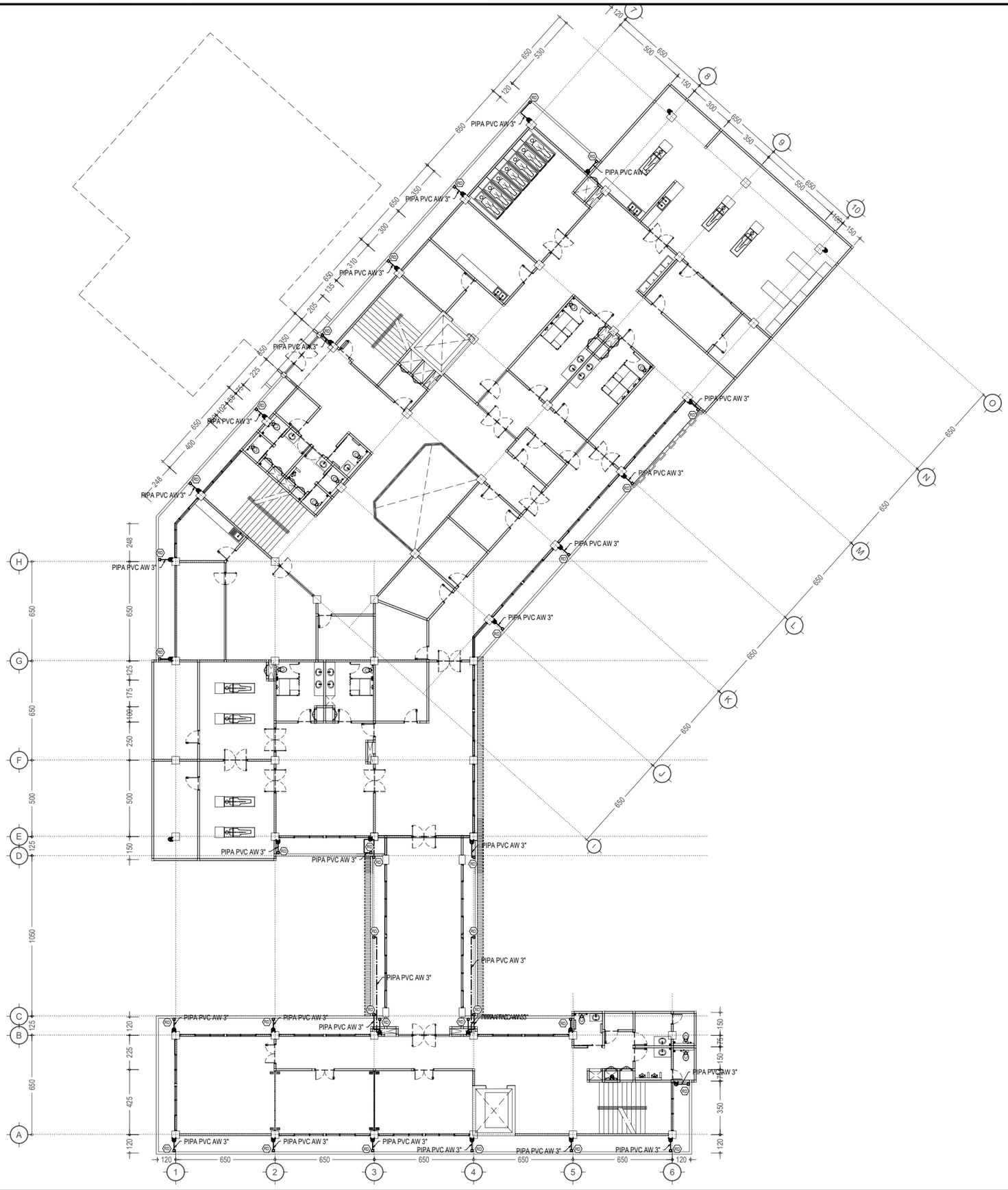
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR HUJAN (BANG. UTAMA) LT-1 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-021 | 302 |




## KETERANGAN

RD : ROOF DRAIN, in. 3" : 35 bh

: PIPA VERTIKAL AIR HUJAN 3"
PIPA AIR HUJAN DARI OUTLET KE LT-1

U

PL-022 / - DENAH INST. AIR HUJAN (BANG. UTAMA) LT-2

SCALE
1:275

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**2026**

**PROYEK**

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**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

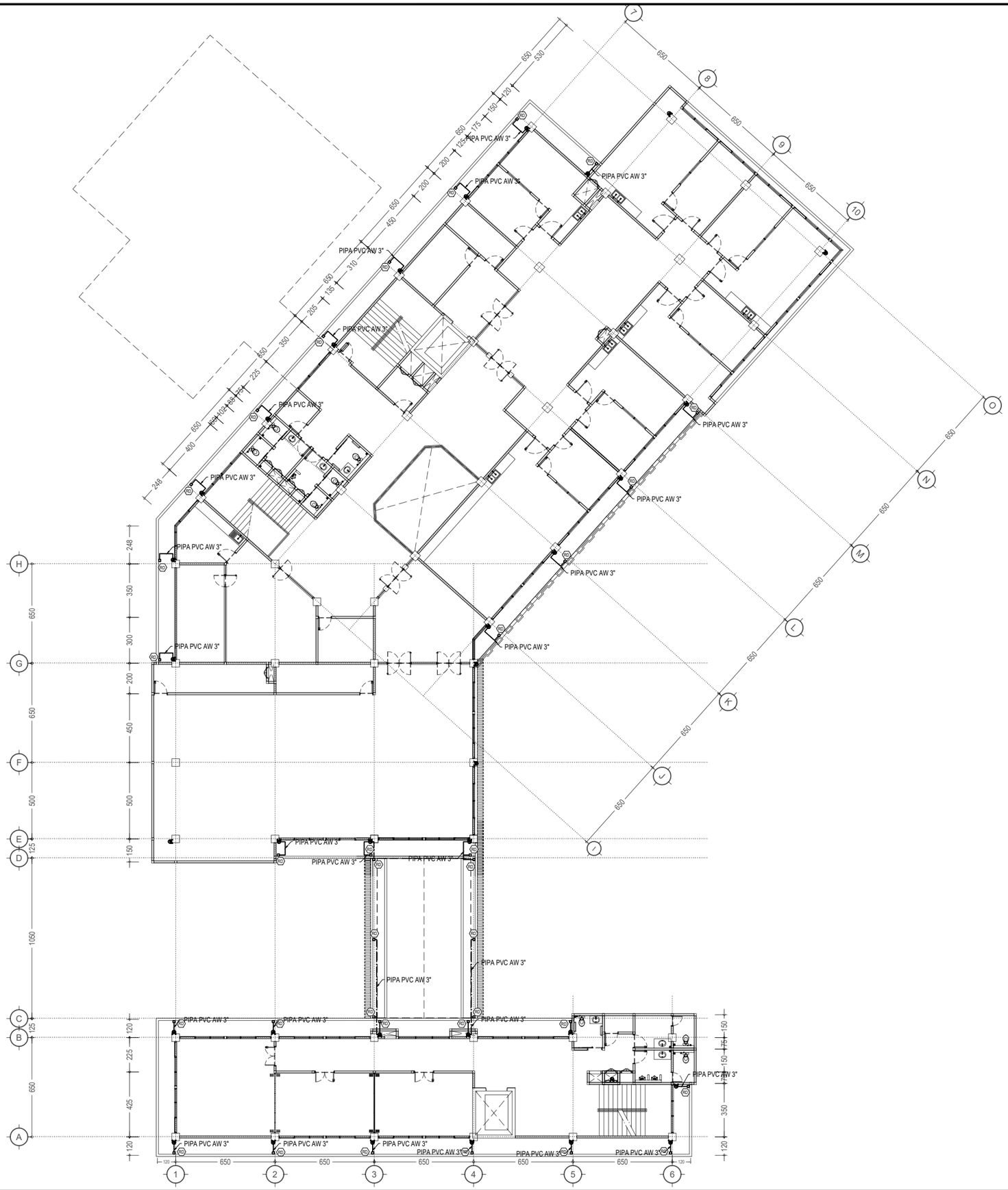
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR HUJAN (BANG. UTAMA) LT-2 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-022 | 302 |




## KETERANGAN

RD : ROOF DRAIN, in. 3" : 34 bh

: PIPA VERTIKAL AIR HUJAN 3"
PIPA AIR HUJAN DARI OUTLET KE LT-1

U

PL-023 / - DENAH INST. AIR HUJAN (BANG. UTAMA) LT-3

SCALE
1:275

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**2026**

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**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

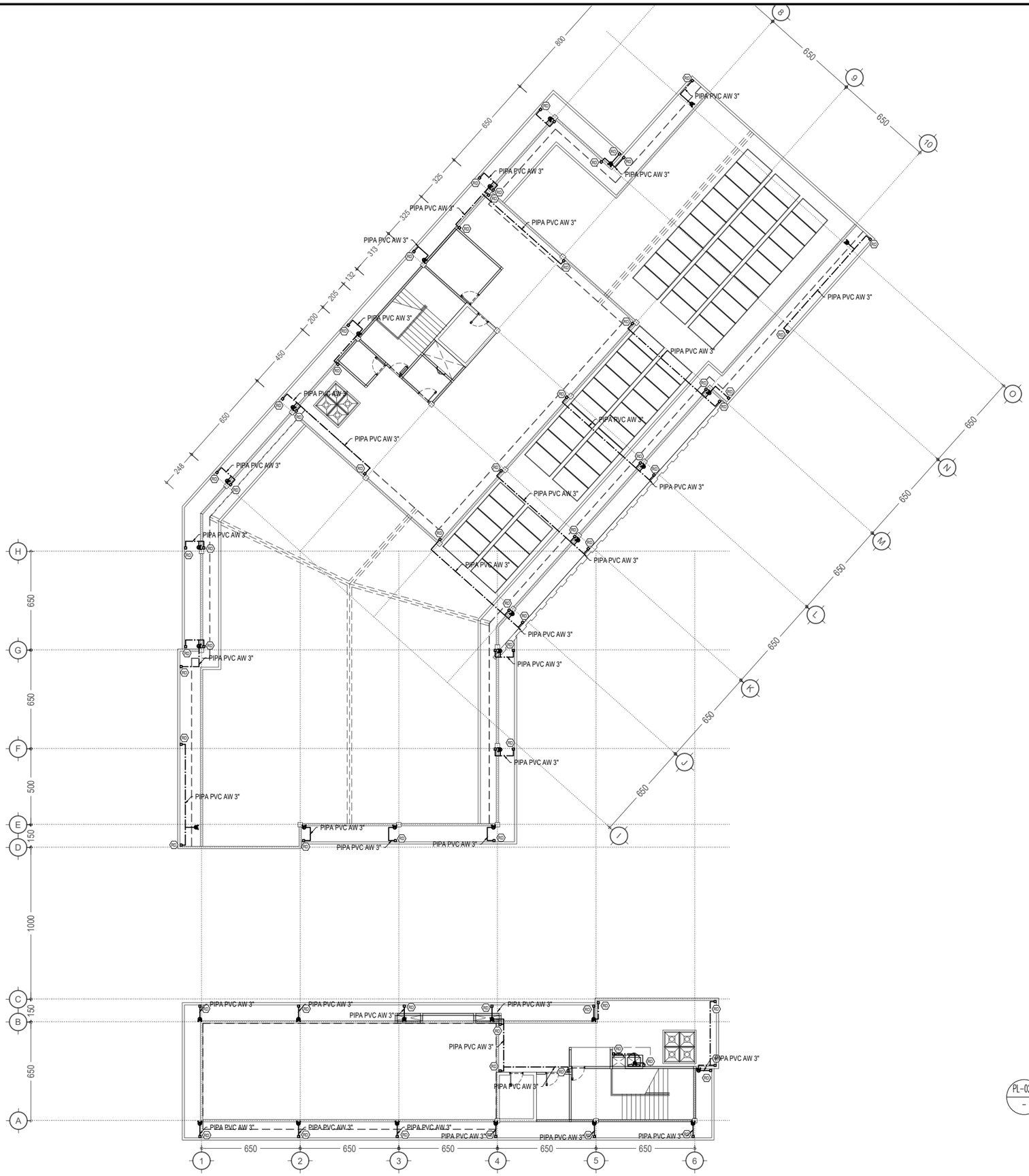
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR HUJAN (BANG. UTAMA) LT-3 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-023 | 302 |




## KETERANGAN

RD : ROOF DRAIN, in. 3" : 68 bh

: PIPA VERTIKAL AIR HUJAN 3"
PIPA AIR HUJAN DARI OUTLET KE LT-1

U

PL-024 / - DENAH INST. AIR HUJAN (BANG. UTAMA) LT-DAK

SCALE
1:275

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**2026**

**PROYEK**

**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR HUJAN (BANG. UTAMA) LT-DAK | 1:275 |

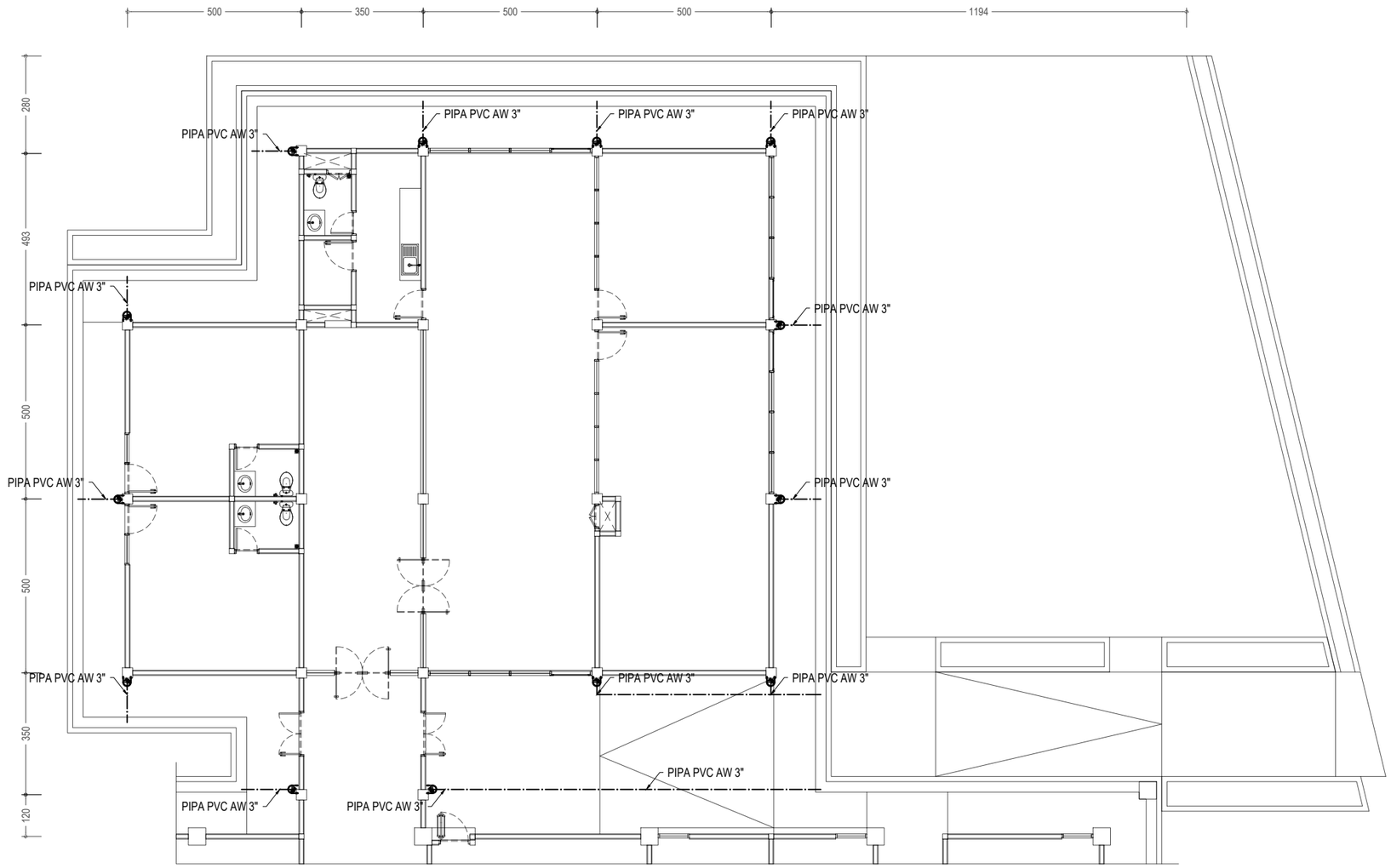
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-024 | 302 |

## KETERANGAN

RD : ROOF DRAIN, in. 3" : - bh

: PIPA VERTIKAL AIR HUJAN 3"
PIPA AIR HUJAN DARI OUTLET KE LT-1




PL-025 – DENAH INST. AIR HUJAN (BANG.ADM) LT-1
SCALE
1:150

UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR HUJAN (BANG.ADM) LT-1 | 1:150 |

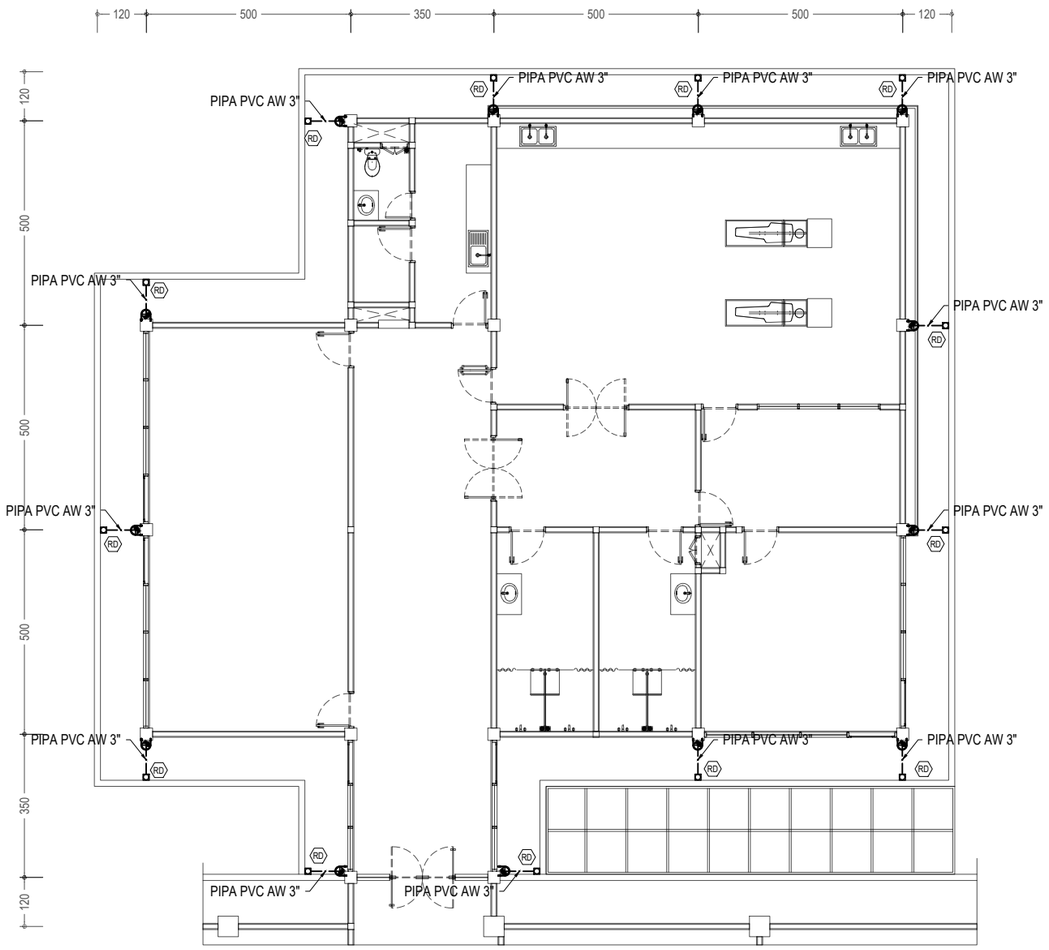
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-025 | 302 |

## KETERANGAN

RD : ROOF DRAIN, in. 3" : 13 bh

: PIPA VERTIKAL AIR HUJAN 3"
PIPA AIR HUJAN DARI OUTLET KE LT-1

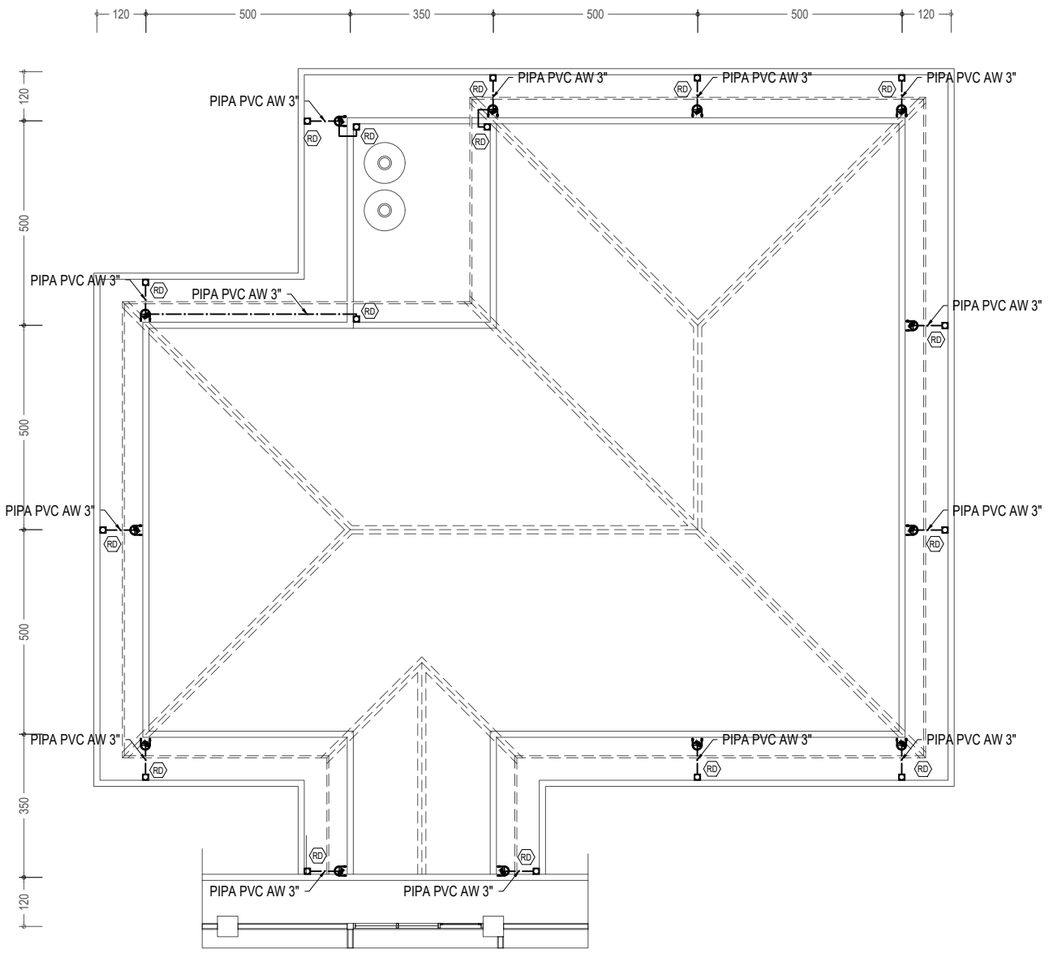



PL-026
-
DENAH INST. AIR HUJAN (BANG. ADM) LT-2
SCALE
1:150

## KETERANGAN

RD : ROOF DRAIN, in. 3" : 16 bh

: PIPA VERTIKAL AIR HUJAN 3"
PIPA AIR HUJAN DARI OUTLET KE LT-1




PL-026
-
DENAH INST. AIR HUJAN (BANG. ADM) DAK ATAP
SCALE
1:150

U

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PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR HUJAN (BANG.ADM) LT-2 & ATAP | 1:150 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-026 | 302 |

## KETERANGAN

CL : CLOSET DUDUK, out. 3"

SHAFT 1 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

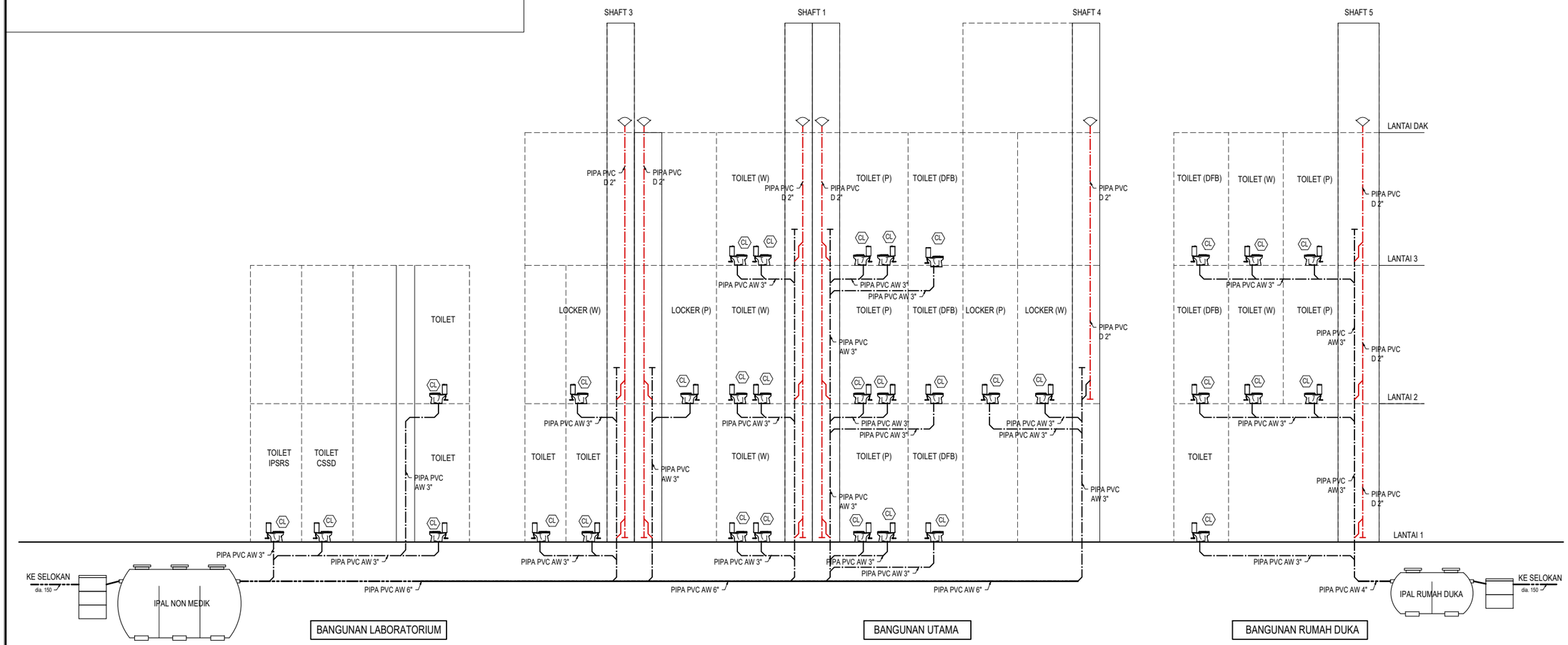
SHAFT 1 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 4 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 5 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"




PL-027 / - DIAGRAM GARIS AIR KOTOR

SCALE
NTS

UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

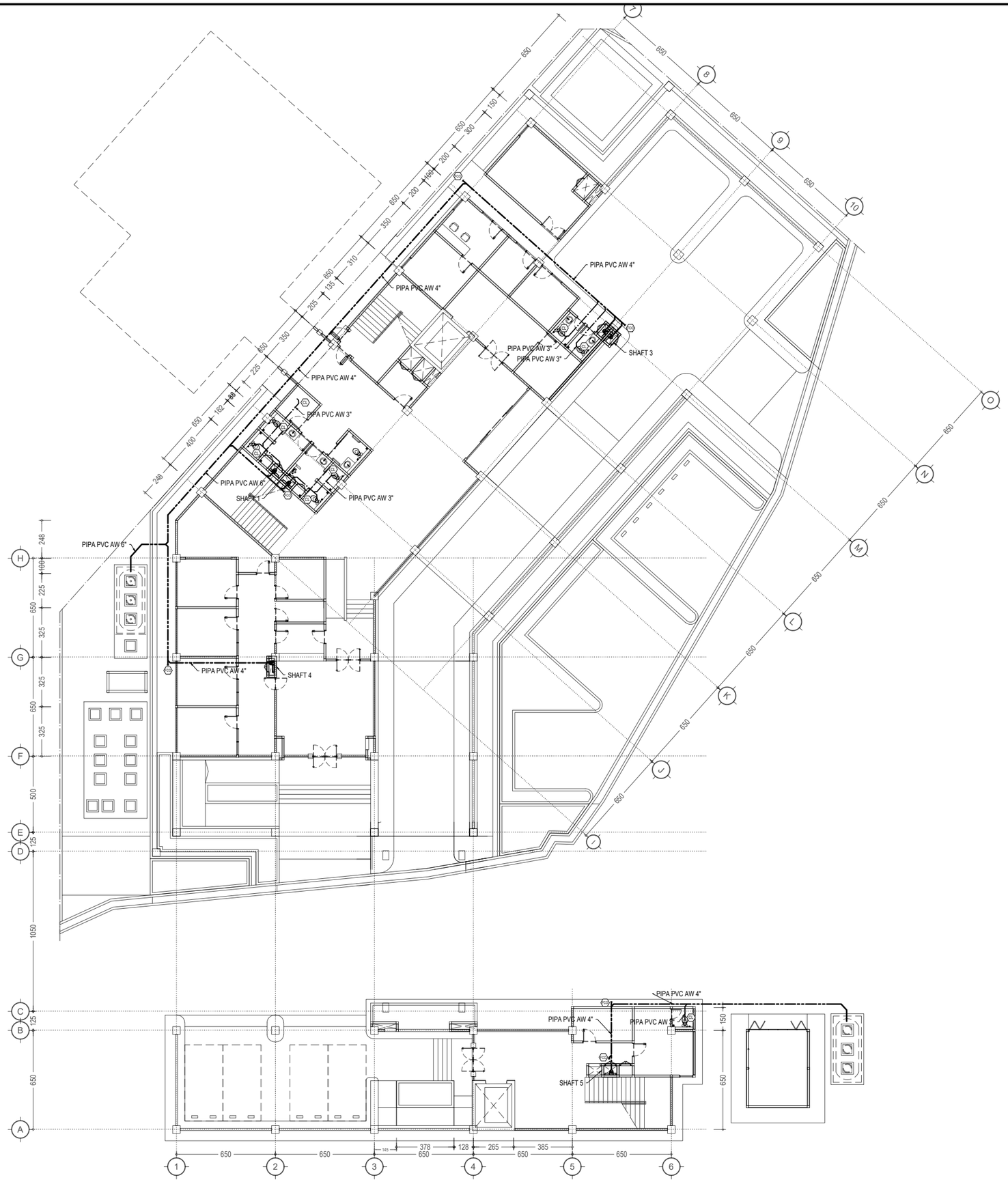
KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DIAGRAM GARIS AIR KOTOR | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-027 | 302 |




## KETERANGAN

CL : CLOSET DUDUK, out. 3" : 08 bh

: PIPA VERTIKAL

SHAFT 1 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 1 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 4 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 5 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

U

PL-028 / -

## DENAH INST. AIR KOTOR (BANG. UTAMA) LT-1

SCALE
1:275

**UNIVERSITAS HASANUDDIN**
**2026**

**PROYEK**

**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

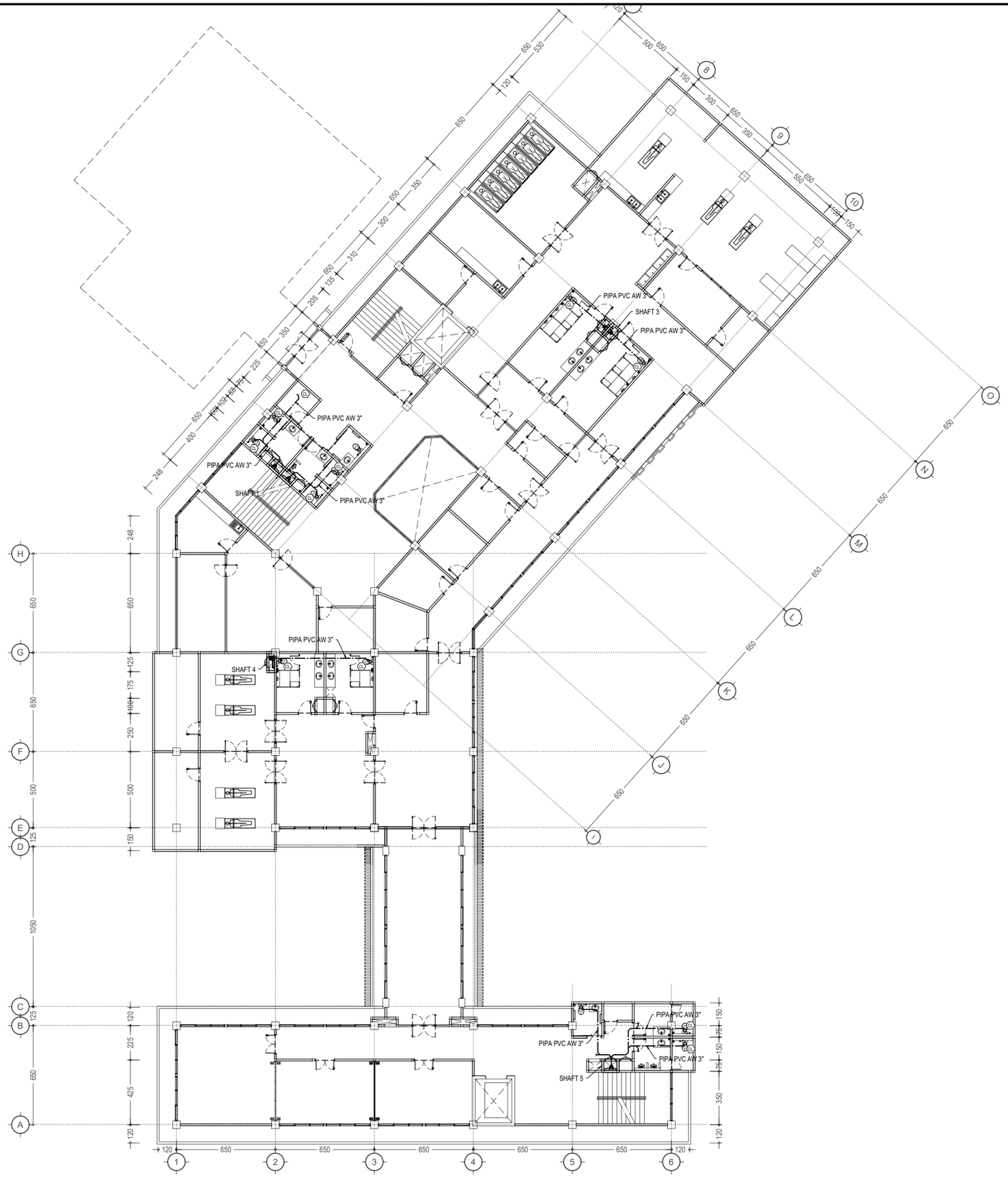
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR KOTOR (BANG. UTAMA) LT-1 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-028 | 302 |




## KETERANGAN

CL : CLOSET DUDUK, out. 3" : 11 bh

: PIPA VERTIKAL

SHAFT 1 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 1 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 4 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 5 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

U

PL-029 / -
## DENAH INST. AIR KOTOR (BANG. UTAMA) LT-2
SCALE
1:275

**UNIVERSITAS HASANUDDIN**
**2026**

**PROYEK**

**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

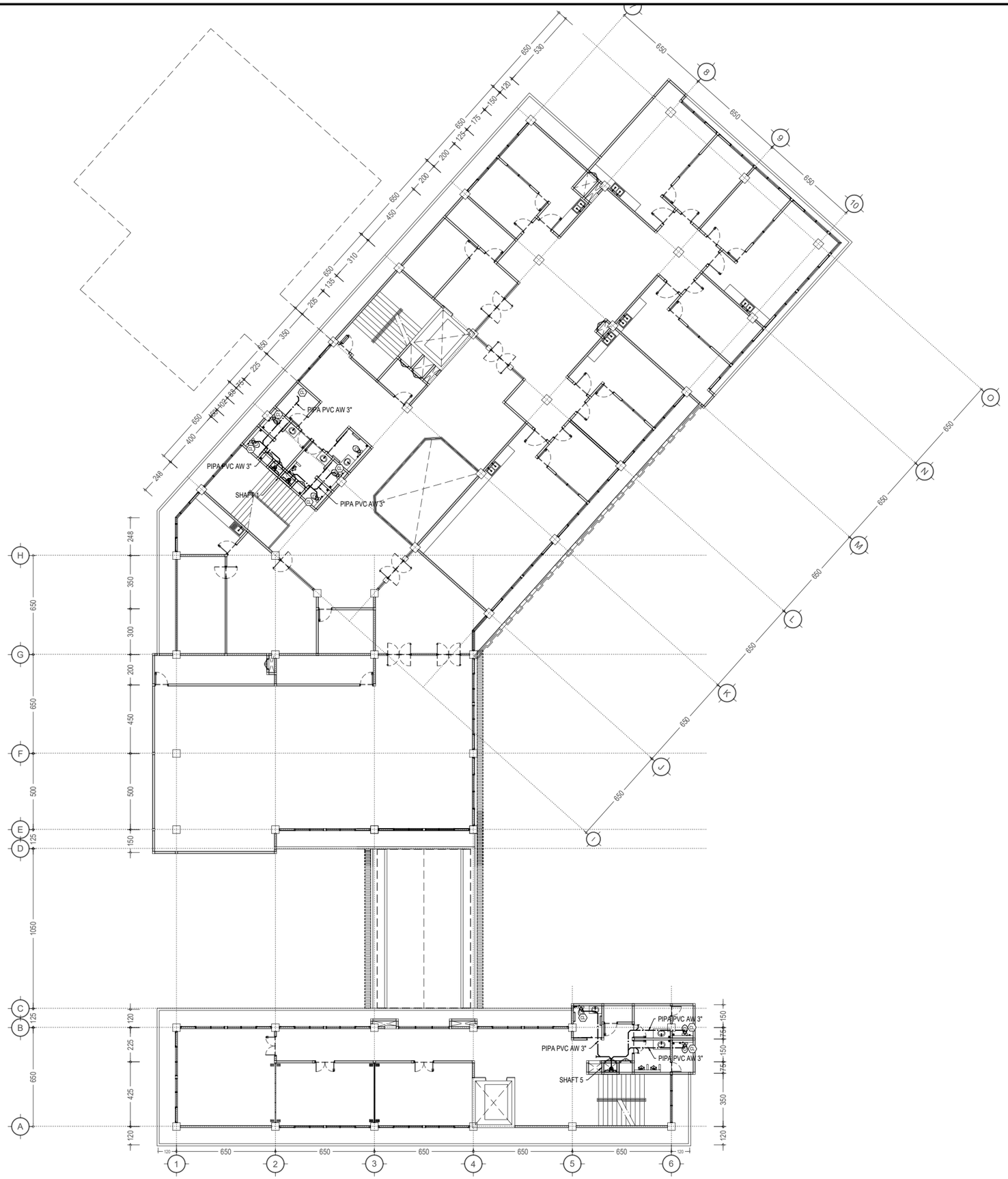
**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR KOTOR (BANG. UTAMA) LT-2 | 1:275 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-029 | 302 |




## KETERANGAN

CL : CLOSET DUDUK, out. 3" : 08 bh

: PIPA VERTIKAL

SHAFT 1 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 1 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (A) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 3 (B) : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 4 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

SHAFT 5 : 1 BH, PIPA AIR KOTOR DARI OUTLET KE LT-1, PIPA PVC AW 3"
1 BH, PIPA VENTILASI, PIPA PVC D 2"

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PL-030 / - DENAH INST. AIR KOTOR (BANG. UTAMA) LT-3

SCALE
1:275

UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR KOTOR (BANG. UTAMA) LT-3 | 1:275 |

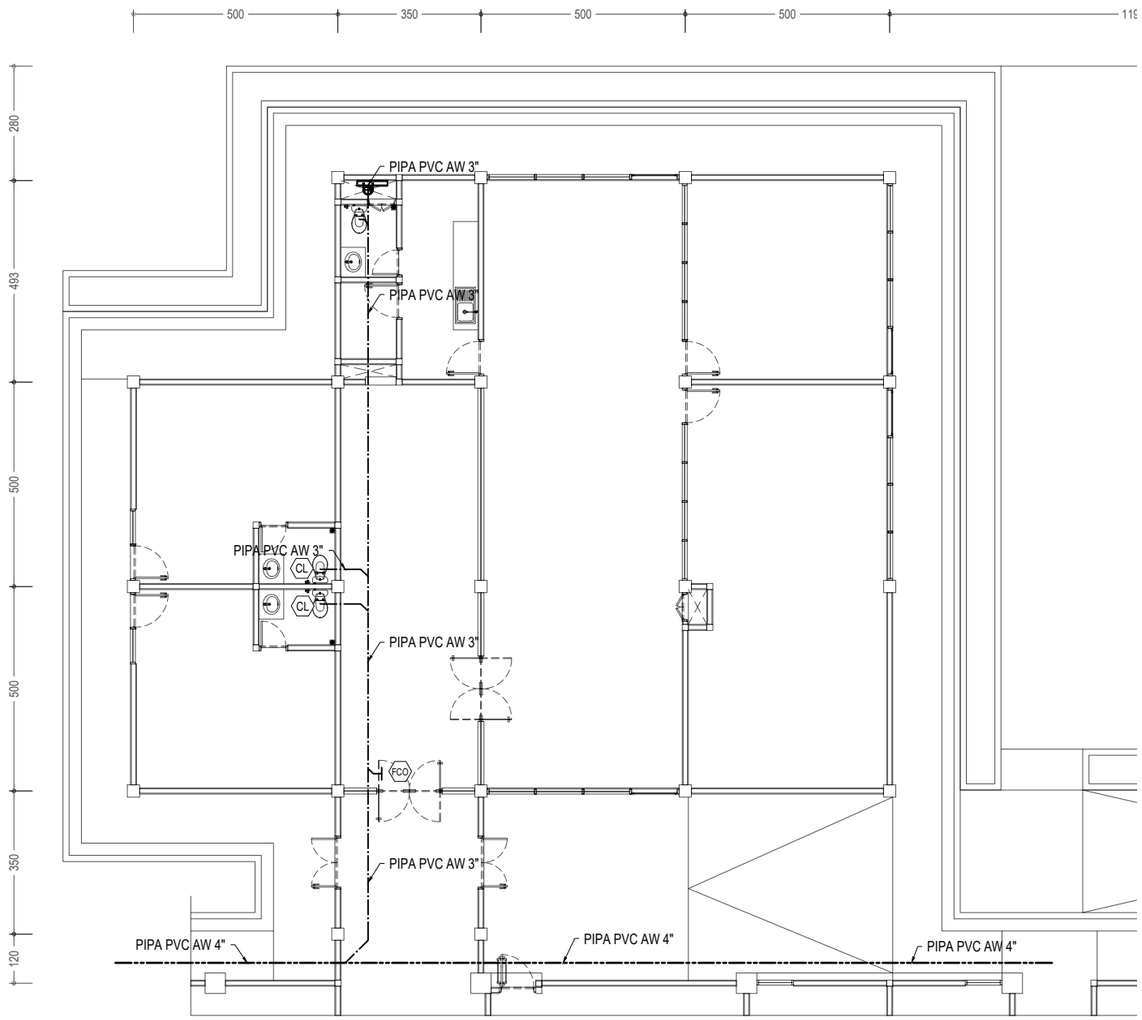
| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-030 | 302 |

## KETERANGAN

CL : CLOSET DUDUK, out. 3" : 01 bh

: PIPA VERTIKAL



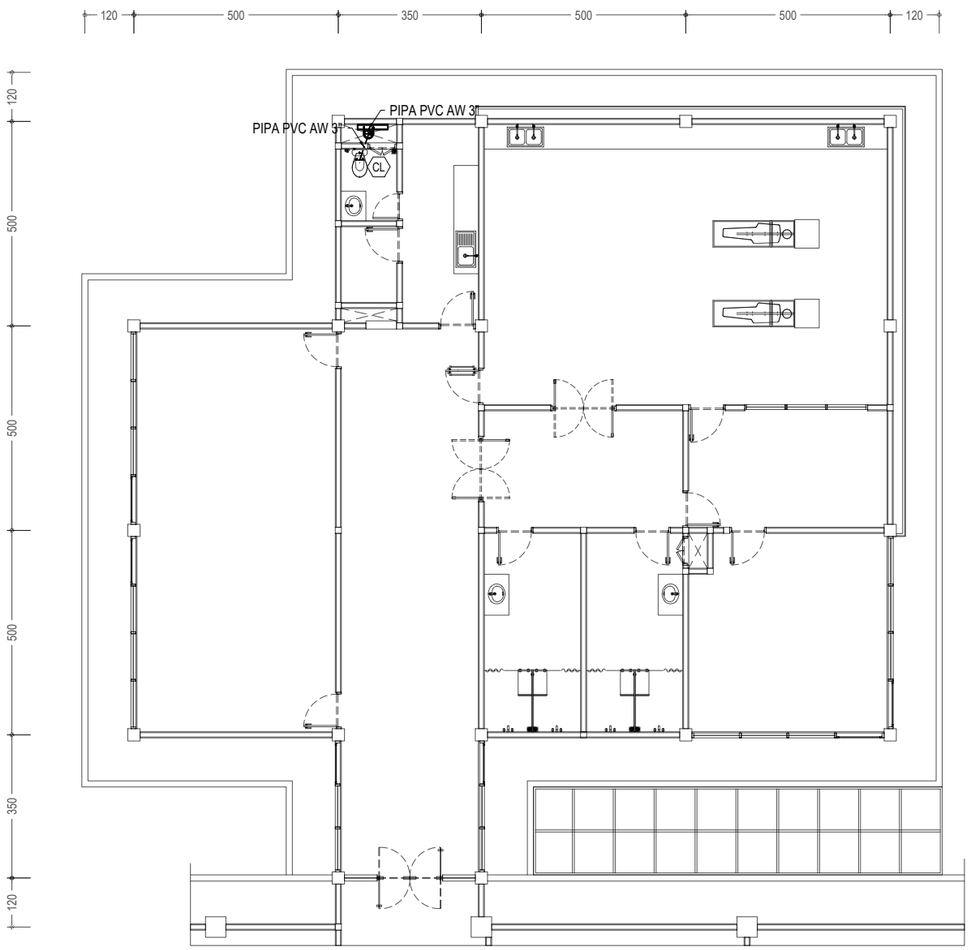

PL-031 / - DENAH INST. AIR KOTOR (BANG. ADM) LT-1

SCALE 1:150

## KETERANGAN

CL : CLOSET DUDUK, out. 3" : 01 bh

: PIPA VERTIKAL




PL-031 / - DENAH INST. AIR KOTOR (BANG. ADM) LT-2

SCALE 1:150

UNIVERSITAS HASANUDDIN
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PEMBANGUNAN
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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

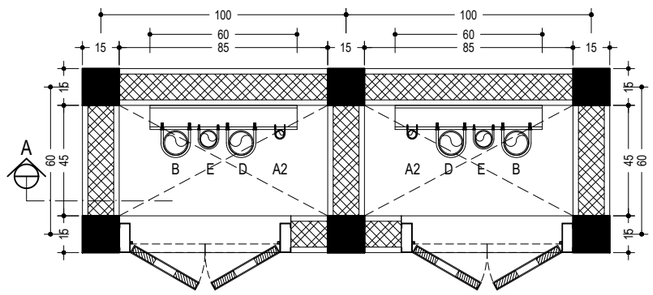
| GAMBAR | SKALA |
|---|---|
| DENAH INST. AIR KOTOR (BANG. ADM) | 1:150 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

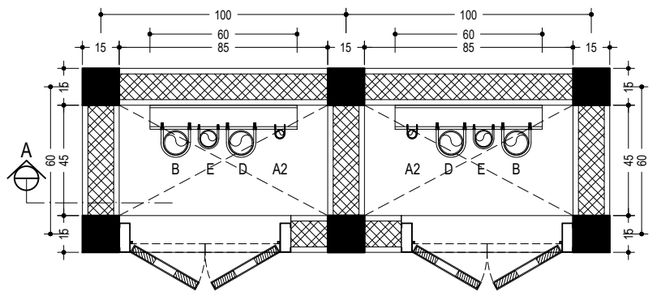
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-031 | 302 |

## KETERANGAN

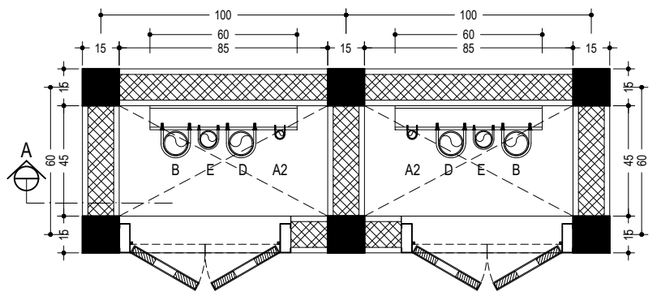
| | |
|---|---|
| A1 | : PIPA AIR BERSIH, PIPA GIP MEDIUM 2" |
| A2 | : PIPA AIR BERSIH, PIPA PPR PN-10 3/4" |
| B | : PIPA AIR BEKAS, PIPA PVC AW 3" |
| C | : PIPA AIR LIMBAH MEDIS, PIPA PVC AW 3" |
| D | : PIPA AIR KOTOR, PIPA PVC AW 3" |
| E | : PIPA VENTILASI PLUMBING, PIPA PVC D 2" |
| F | : PIPA AIR HUJAN, PIPA PVC AW 3" |



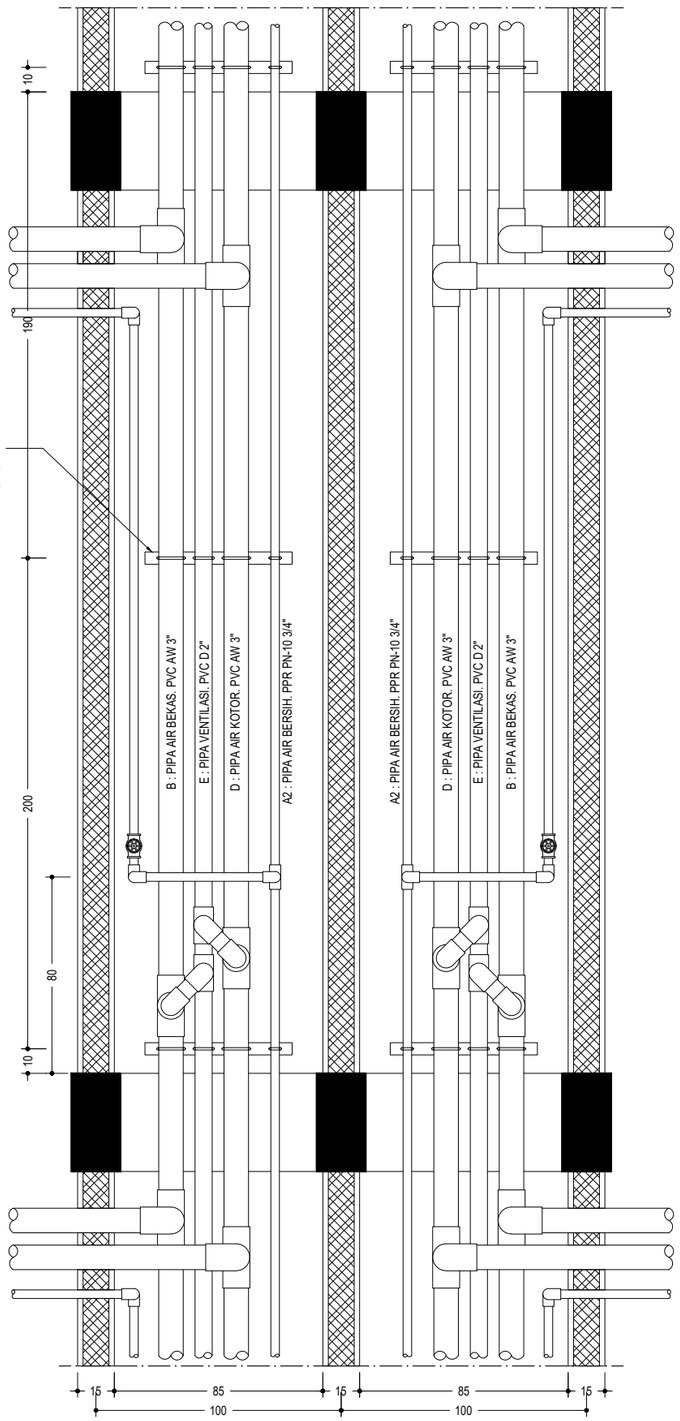

PL-032 / - DETAIL SHAFT 1 (LT-1)
SCALE
1:25




PL-032 / - DETAIL SHAFT 1 (LT-2)
SCALE
1:25




PL-032 / - DETAIL SHAFT 1 (LT-3)
SCALE
1:25




PL-032 / - POTONGAN A (SHAFT 1)
SCALE
1:25

UNIVERSITAS HASANUDDIN
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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

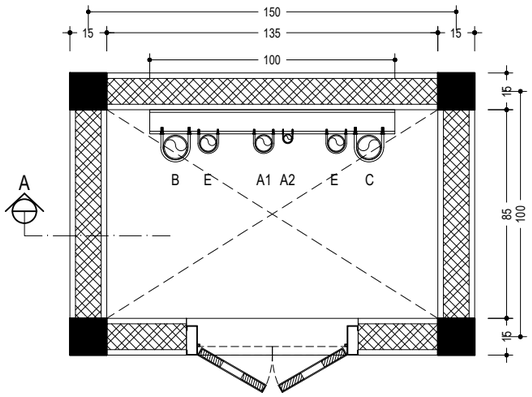
| GAMBAR | SKALA |
|---|---|
| DETAIL SHAFT 1 | 1:25 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

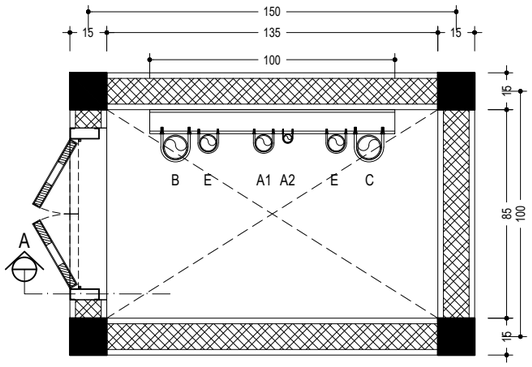
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-032 | 302 |

## KETERANGAN

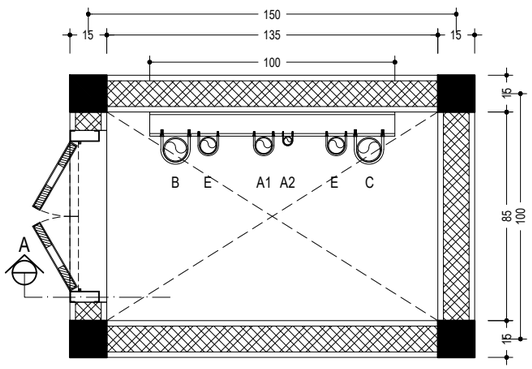
| | |
|---|---|
| A1 | : PIPA AIR BERSIH, PIPA GIP MEDIUM 2" |
| A2 | : PIPA AIR BERSIH, PIPA PPR PN-10 3/4" |
| B | : PIPA AIR BEKAS, PIPA PVC AW 3" |
| C | : PIPA AIR LIMBAH MEDIS, PIPA PVC AW 3" |
| D | : PIPA AIR KOTOR, PIPA PVC AW 3" |
| E | : PIPA VENTILASI PLUMBING, PIPA PVC D 2" |
| F | : PIPA AIR HUJAN, PIPA PVC AW 3" |



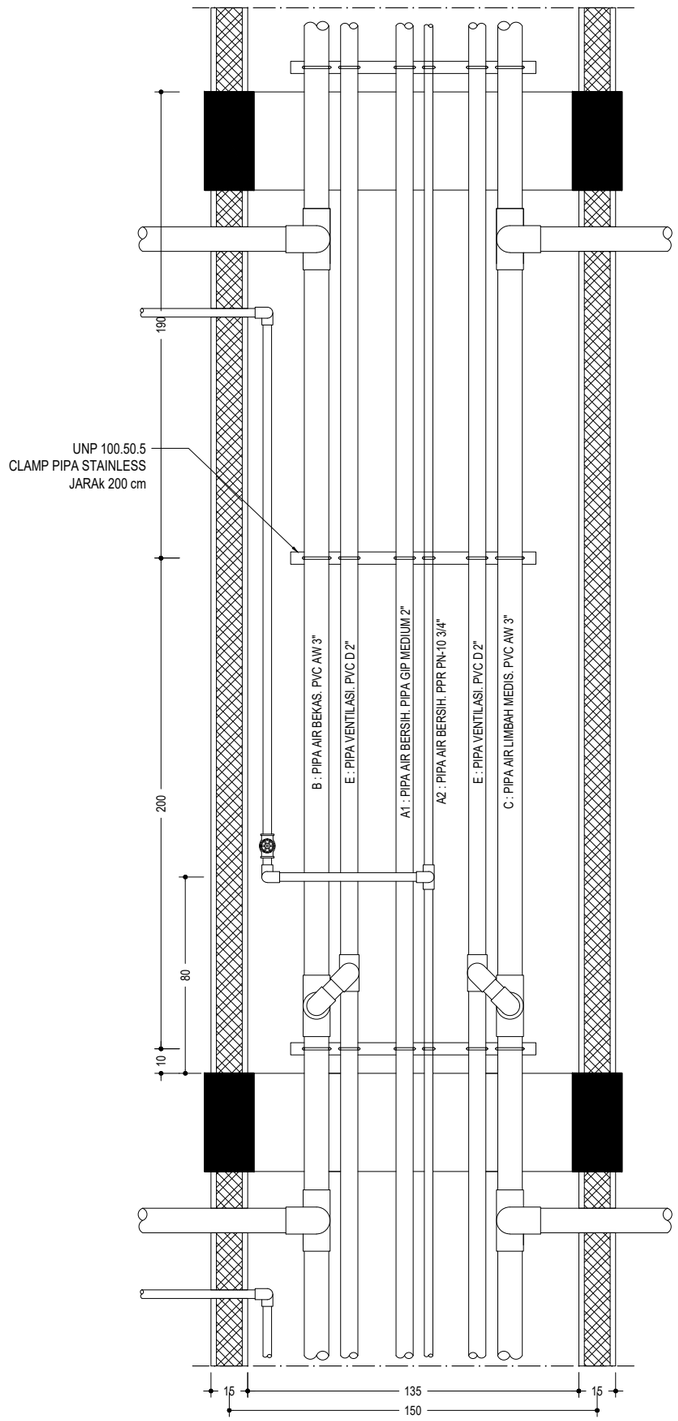

PL-033 / – DETAIL SHAFT 2 (LT-1)
SCALE
1:25




PL-033 / – DETAIL SHAFT 2 (LT-2)
SCALE
1:25




PL-033 / – DETAIL SHAFT 2 (LT-3)
SCALE
1:25




PL-033 / – POTONGAN A (SHAFT 2)
SCALE
1:25

**UNIVERSITAS HASANUDDIN**
**2026**

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**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

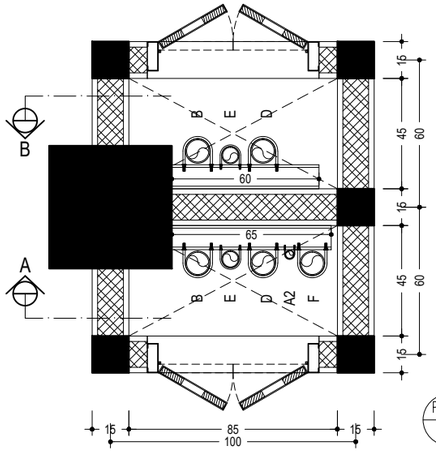
| GAMBAR | SKALA |
|---|---|
| DETAIL SHAFT 2 | 1:25 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

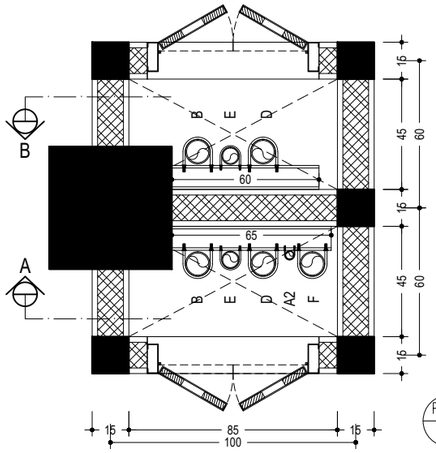
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-033 | 302 |

## KETERANGAN

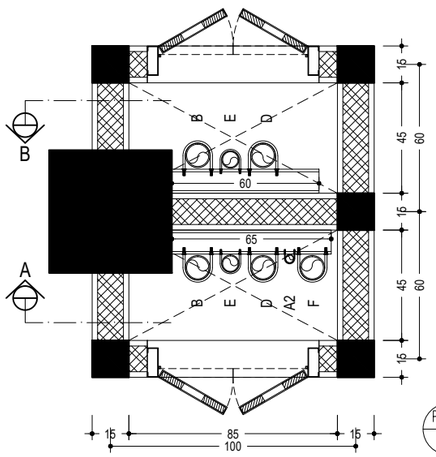
| | |
|---|---|
| A1 | : PIPA AIR BERSIH, PIPA GIP MEDIUM 2" |
| A2 | : PIPA AIR BERSIH, PIPA PPR PN-10 3/4" |
| B | : PIPA AIR BEKAS, PIPA PVC AW 3" |
| C | : PIPA AIR LIMBAH MEDIS, PIPA PVC AW 3" |
| D | : PIPA AIR KOTOR, PIPA PVC AW 3" |
| E | : PIPA VENTILASI PLUMBING, PIPA PVC D 2" |
| F | : PIPA AIR HUJAN, PIPA PVC AW 3" |



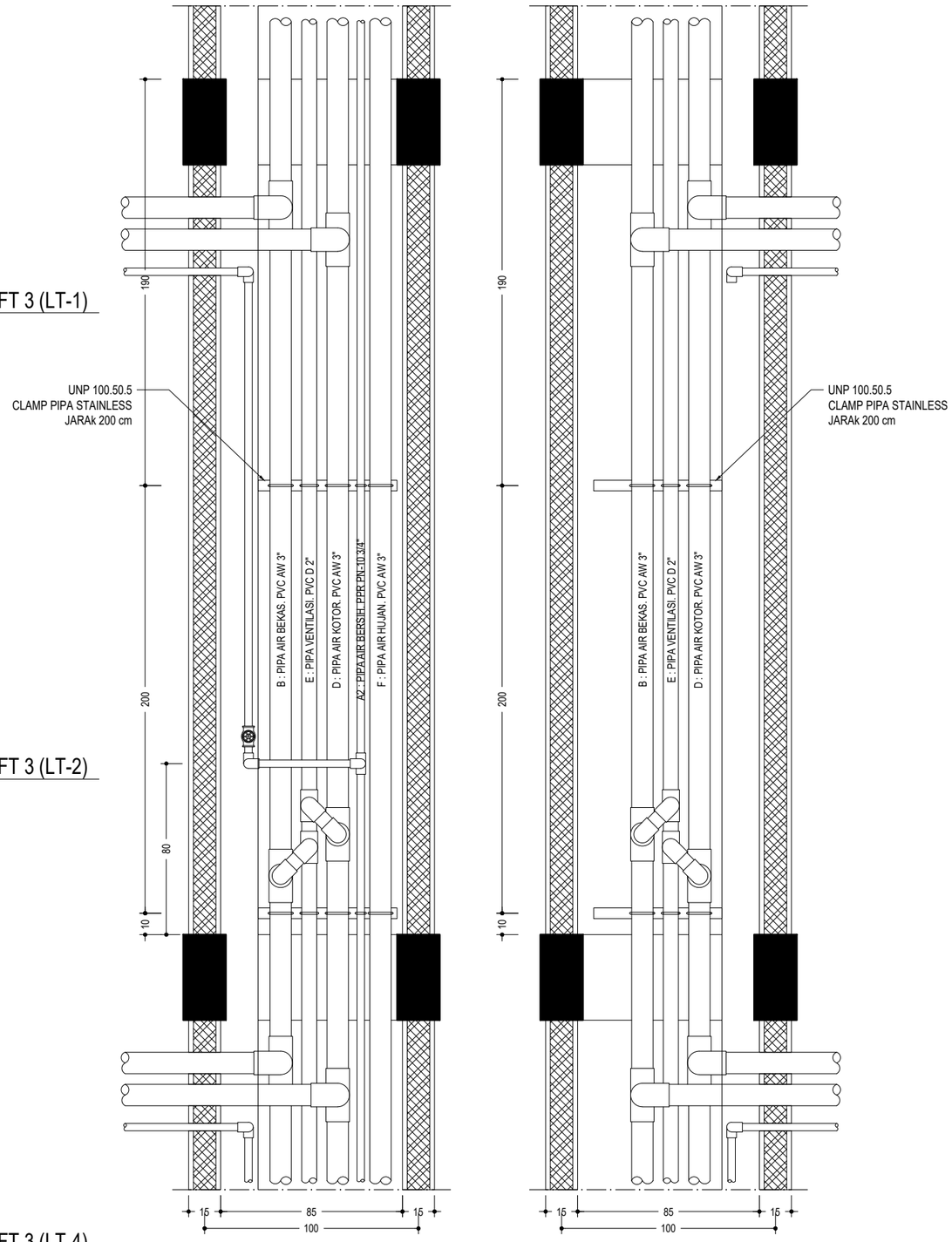

PL-034 / - DETAIL SHAFT 3 (LT-1)
SCALE
1:25




PL-034 / - DETAIL SHAFT 3 (LT-2)
SCALE
1:25




PL-034 / - DETAIL SHAFT 3 (LT-4)
SCALE
1:25




PL-034 / - POTONGAN A (SHAFT 3)
SCALE
1:25

PL-034 / - POTONGAN B (SHAFT 3)
SCALE
1:25

**UNIVERSITAS HASANUDDIN**
**2026**

**PROYEK**

**PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN**

**DIPERIKSA**

**DIKETAHUI**

**DISETUJUI**

**KONSULTAN PERENCANA**

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

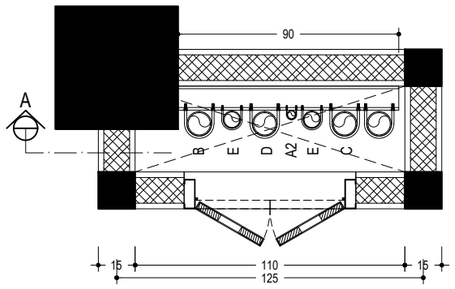
| GAMBAR | SKALA |
|---|---|
| DETAIL SHAFT 3 | 1:25 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

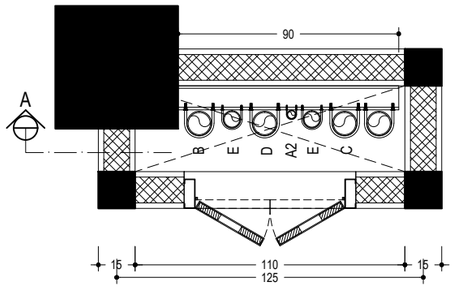
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-034 | 302 |

## KETERANGAN

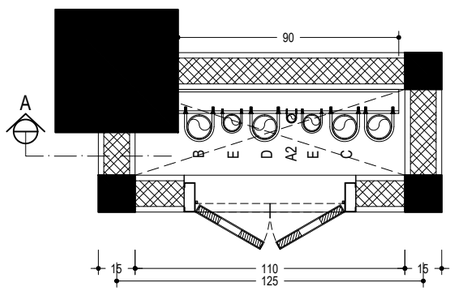
| | |
|---|---|
| A1 | : PIPA AIR BERSIH, PIPA GIP MEDIUM 2" |
| A2 | : PIPA AIR BERSIH, PIPA PPR PN-10 3/4" |
| B | : PIPA AIR BEKAS, PIPA PVC AW 3" |
| C | : PIPA AIR LIMBAH MEDIS, PIPA PVC AW 3" |
| D | : PIPA AIR KOTOR, PIPA PVC AW 3" |
| E | : PIPA VENTILASI PLUMBING, PIPA PVC D 2" |
| F | : PIPA AIR HUJAN, PIPA PVC AW 3" |



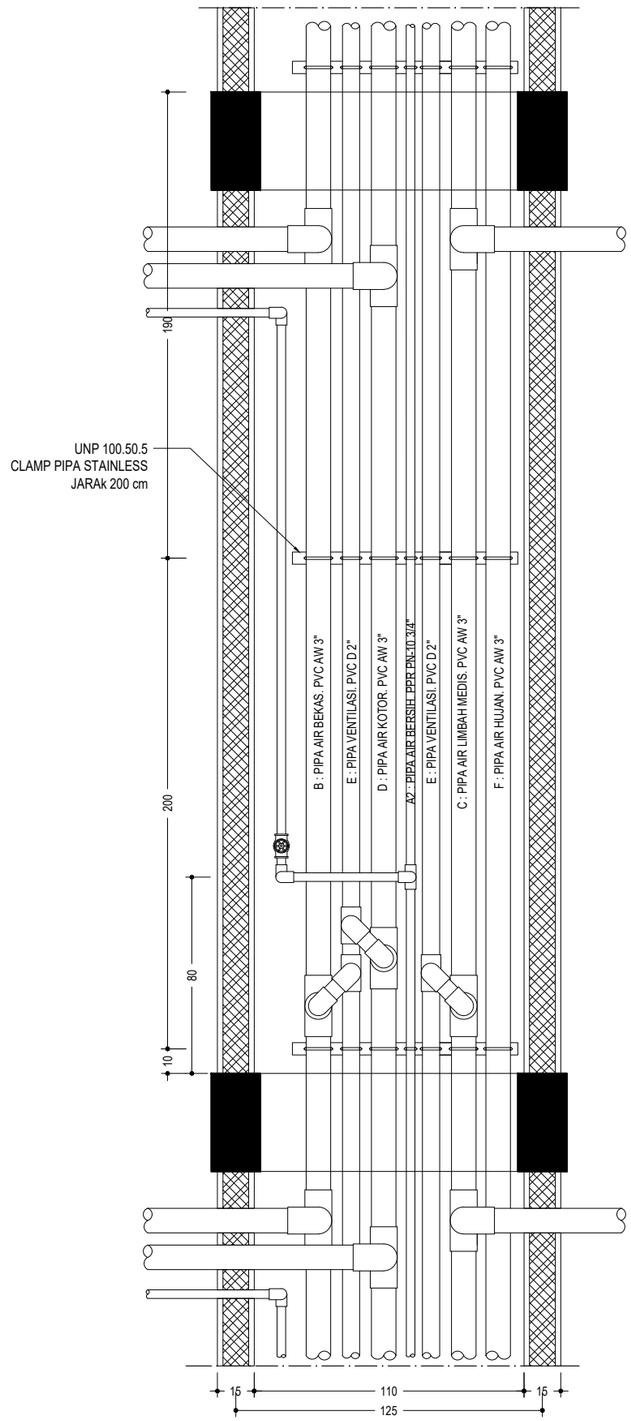

PL-035 / - DETAIL SHAFT 4 (LT-1)
SCALE
1:25




PL-035 / - DETAIL SHAFT 4 (LT-2)
SCALE
1:25




PL-035 / - DETAIL SHAFT 4 (LT-3)
SCALE
1:25




PL-035 / - POTONGAN A (SHAFT 4)
SCALE
1:25

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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

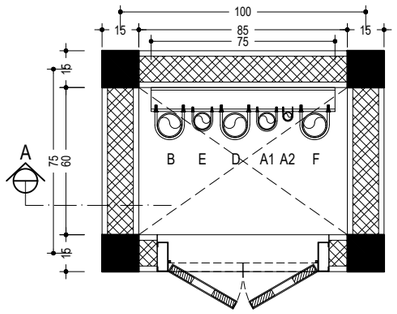
| GAMBAR | SKALA |
|---|---|
| DETAIL SHAFT 4 | 1:25 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

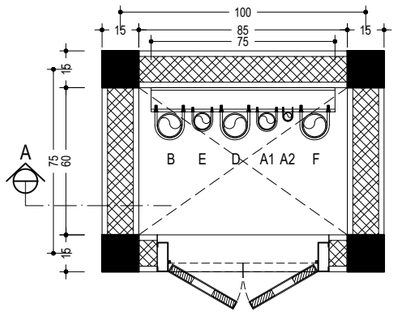
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-035 | 302 |

## KETERANGAN

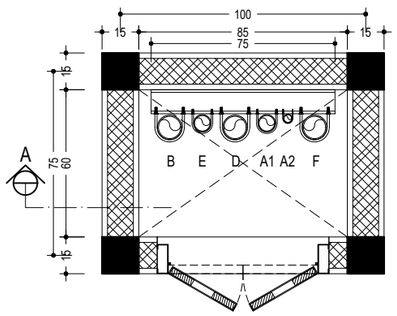
| | |
|---|---|
| A1 | : PIPA AIR BERSIH, PIPA GIP MEDIUM 2" |
| A2 | : PIPA AIR BERSIH, PIPA PPR PN-10 3/4" |
| B | : PIPA AIR BEKAS, PIPA PVC AW 3" |
| C | : PIPA AIR LIMBAH MEDIS, PIPA PVC AW 3" |
| D | : PIPA AIR KOTOR, PIPA PVC AW 3" |
| E | : PIPA VENTILASI PLUMBING, PIPA PVC D 2" |
| F | : PIPA AIR HUJAN, PIPA PVC AW 3" |



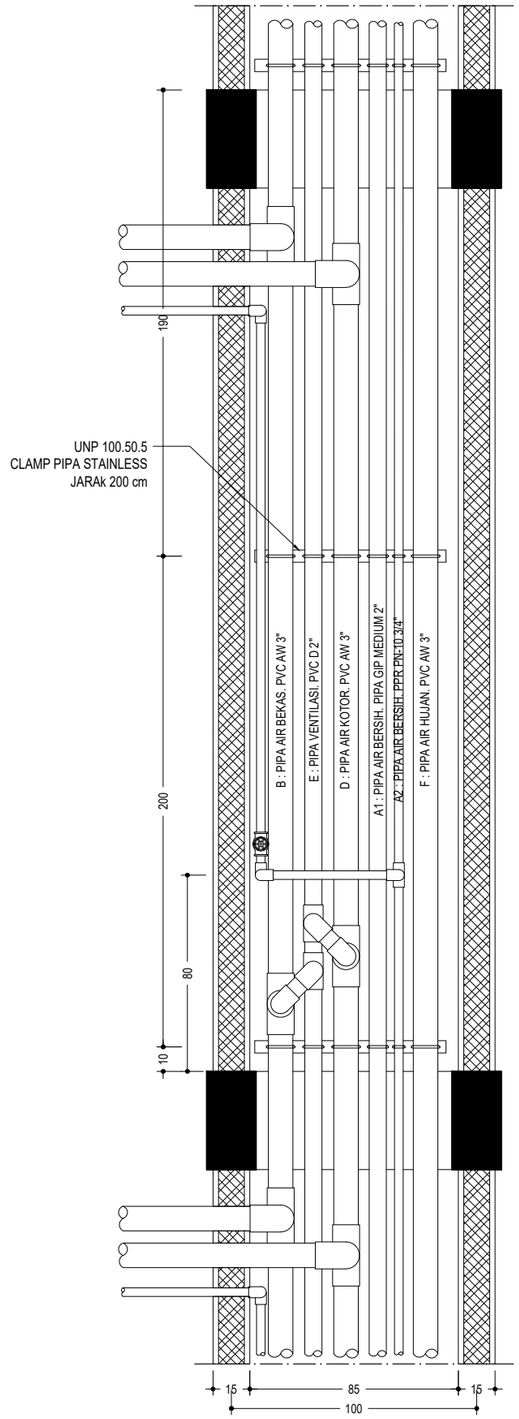

PL-036 / - DETAIL SHAFT 5 (LT-1)
SCALE
1:25




PL-036 / - DETAIL SHAFT 5 (LT-2)
SCALE
1:25




PL-036 / - DETAIL SHAFT 5 (LT-3)
SCALE
1:25




PL-036 / - POTONGAN A (SHAFT 5)
SCALE
1:25

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DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DETAIL SHAFT 5 | 1:25 |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| PL-036 | 302 |

# DAFTAR ISI


| MEKANIKAL DAN ELEKTRIKAL | | |
|---|---|---|
| NO | NAMA GAMBAR | SKALA |
| ME-001 | DAFTAR ISI MEKANIKAL DAN ELEKTRIKAL | NTS |
| ME-002 | WIRING LISTRIK 01 | NTS |
| ME-003 | WIRING LISTRIK 02 | NTS |
| ME-004 | WIRING LISTRIK 03 | NTS |
| ME-005 | WIRING LISTRIK 04 | NTS |
| ME-006 | WIRING LISTRIK 05 | NTS |
| ME-007 | WIRING LISTRIK 06 | NTS |
| ME-008 | WIRING LISTRIK 07 | NTS |
| ME-009 | WIRING LISTRIK 08 | NTS |
| ME-010 | WIRING LISTRIK 09 | NTS |
| ME-011 | WIRING LISTRIK 10 | NTS |
| ME-012 | WIRING LISTRIK 11 | NTS |
| ME-013 | WIRING LISTRIK 12 | NTS |
| ME-014 | DENAH INST. GROUP LT-1 (BANG. UTAMA) | 1:275 |
| ME-015 | DENAH INST. GROUP LT-2 (BANG. UTAMA) | 1:275 |
| ME-016 | DENAH INST. GROUP LT-3 (BANG. UTAMA) | 1:275 |
| ME-017 | DENAH INST. GROUP LT-DAK (BANG. UTAMA) | 1:275 |
| ME-018 | DENAH INST. GROUP (BANG. ADM) | 1:150 |
| ME-019 | DENAH INST. KABEL TRAY LT-1 (BANG. UTAMA) | 1:275 |
| ME-020 | DENAH INST. KABEL TRAY LT-2 (BANG. UTAMA) | 1:275 |
| ME-021 | DENAH INST. KABEL TRAY LT-3 (BANG. UTAMA) | 1:275 |
| ME-022 | DENAH INST. KABEL TRAY (BANG. ADM) | 1:150 |
| ME-023 | DETAIL AKSESORIS KABEL TRAY | NTS |
| ME-024 | DETAIL KABEL TRAY | NTS |
| ME-025 | DENAH INST. TITIK LAMPU LT-1 (BANG. UTAMA) | 1:275 |
| ME-026 | DENAH INST. TITIK LAMPU LT-2 (BANG. UTAMA) | 1:275 |
| ME-027 | DENAH INST. TITIK LAMPU LT-3 (BANG. UTAMA) | 1:275 |
| ME-028 | DENAH INST. TITIK LAMPU LT-DAK (BANG. UTAMA) | 1:275 |
| ME-029 | DENAH INST. TITIK LAMPU (BANG. ADM) LT-1 | 1:150 |
| ME-030 | DENAH INST. TITIK LAMPU (BANG. ADM) LT-2 | 1:150 |
| ME-031 | DENAH INST. STOP KONTAK LT-1 (BANG. UTAMA) | 1:275 |
| ME-032 | DENAH INST. STOP KONTAK LT-2 (BANG. UTAMA) | 1:275 |
| ME-033 | DENAH INST. STOP KONTAK LT-3 (BANG. UTAMA) | 1:275 |
| ME-034 | DENAH INST. STOP KONTAK LT-DAK (BANG. UTAMA) | 1:275 |
| ME-035 | DENAH INST. STOP KONTAK (BANG. ADM) | 1:150 |
| ME-036 | DIAGRAM GARIS HYDRANT (BANG. UTAMA) | NTS |
| ME-037 | DIAGRAM GARIS HYDRANT (BANG. ADMINISTRASI) | NTS |
| ME-038 | DENAH INST. HYDRANT LT-1 (BANG. UTAMA) | 1:275 |
| ME-039 | DENAH INST. HYDRANT LT-2 (BANG. UTAMA) | 1:275 |
| ME-040 | DENAH INST. HYDRANT LT-3 (BANG. UTAMA) | 1:275 |
| ME-041 | DENAH INST. HYDRANT LT-DAK (BANG. UTAMA) | 1:275 |
| ME-042 | DENAH INST. HYDRANT (BANG. ADM) LT-1 | 1:150 |
| ME-043 | DENAH INST. HYDRANT (BANG. ADM) LT-2 | 1;150 |
| ME-044 | DETAIL AKSESORIS HYDRANT | 1:25 |
| ME-045 | DIAGRAM GARIS SPRINKLER (BANG. UTAMA) | NTS |
| ME-046 | DIAGRAM GARIS SPRINKLER (BANG.ADMINISTRASI) | NTS |
| ME-047 | DENAH INST. SPRINKLER LT-1 (BANG. UTAMA) | 1:275 |
| ME-048 | DENAH INST. SPRINKLER LT-2 (BANG. UTAMA) | 1:275 |
| ME-049 | DENAH INST. SPRINKLER LT-3 (BANG. UTAMA) | 1:275 |
| ME-050 | DENAH INST. SPRINKLER (BANG. ADM) | 1:150 |
| ME-051 | DIAGRAM GARIS FIRE ALARM | NTS |
| ME-052 | DENAH INST. FIRE ALARM LT-1 (BANG. UTAMA) | 1:275 |
| ME-053 | DENAH INST. FIRE ALARM LT-2 (BANG. UTAMA) | 1:275 |
| ME-054 | DENAH INST. FIRE ALARM LT-3 (BANG. UTAMA) | 1:275 |
| ME-055 | DENAH INST. FIRE ALARM (BANG. ADM) | 1:150 |
| ME-056 | DIAGRAM GARIS SOUND SYSTEM | NTS |
| ME-057 | DENAH INST. SOUND SYSTEM LT-1 (BANG. UTAMA) | 1:275 |
| ME-058 | DENAH INST. SOUND SYSTEM LT-2 (BANG. UTAMA) | 1:275 |
| ME-059 | DENAH INST. SOUND SYSTEM LT-3 (BANG. UTAMA) | 1:275 |
| ME-060 | DENAH INST. SOUND SYSTEM (BANG. ADM) | 1:150 |
| ME-061 | DIAGRAM GARIS CCTV | NTS |
| ME-062 | DENAH INST. CCTV LT-1 (BANG. UTAMA) | 1:275 |
| ME-063 | DENAH INST. CCTV LT-2 (BANG. UTAMA) | 1:275 |
| ME-064 | DENAH INST. CCTV LT-3 (BANG. UTAMA) | 1:275 |
| ME-065 | DENAH INST. CCTV (BANG. ADM) | 1:150 |
| ME-066 | DENAH INST. AC LT-1 (BANG. UTAMA) | 1:275 |
| ME-067 | DENAH INST. AC LT-2 (BANG. UTAMA) | 1:275 |
| ME-068 | DENAH INST. AC LT-3 (BANG. UTAMA) | 1:275 |
| ME-069 | DENAH INST. AC LT-DAK (BANG. UTAMA) | 1:275 |
| ME-070 | DENAH INST. AC (BANG. ADM) | 1:150 |
| ME-071 | DENAH KABEL POWER AC LT-1 (BANG. UTAMA) | 1:275 |
| ME-072 | DENAH KABEL POWER AC LT-2 (BANG. UTAMA) | 1:275 |
| ME-073 | DENAH KABEL POWER AC LT-3 (BANG. UTAMA) | 1:275 |
| ME-074 | DENAH KABEL POWER AC LT-DAK (BANG. UTAMA) | 1:275 |
| ME-075 | DENAH KABEL POWER AC (BANG. ADM) | 1:150 |
| ME-076 | DENAH REMOT & KOMUNIKASI AC LT-1 (BANG. UTAMA) | 1:275 |
| ME-077 | DENAH REMOT & KOMUNIKASI AC LT- (BANG. UTAMA) | 1:275 |
| ME-078 | DENAH REMOT & KOMUNIKASI AC LT-3 (BANG. UTAMA) | 1:275 |
| ME-079 | DENAH REMOT & KOMUNIKASI AC LT-DAK (BANG. UTAMA) | 1:275 |
| ME-080 | DENAH REMOT & KOMUNIKASI AC (BANG. ADM) | 1:150 |
| ME-081 | DENAH INST. EXHAUST LT-1 (BANG. UTAMA) | 1:275 |
| ME-082 | DENAH INST. EXHAUST LT-2 (BANG. UTAMA) | 1:275 |
| ME-083 | DENAH INST. EXHAUST LT-3 (BANG. UTAMA) | 1:275 |
| ME-084 | DENAH INST. EXHAUST LT-DAK (BANG. UTAMA) | 1:275 |
| ME-085 | DENAH INST. EXHAUST (BANG. ADM) | 1:150 |
| ME-086 | DIAGRAM GARIS SOLAR PANEL | NTS |
| ME-087 | DENAH INST. SOLAR PANEL LT-1 | 1:275 |
| ME-088 | DENAH INST. SOLAR PANEL LT-DAK | 1:275 |
| ME-089 | DETAIL UNIT SOLAR PANEL | 1:40, 1:20 |
| ME-090 | DENAH INST. PENANGKAL PETIR | 1:300 |
| ME-091 | DETAIL INST. PENANGKAL PETIR | NTS |
| ME-092 | DETAIL LIFT BED | 1:30 |


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DIPERIKSA

DIKETAHUI

DISETUJUI

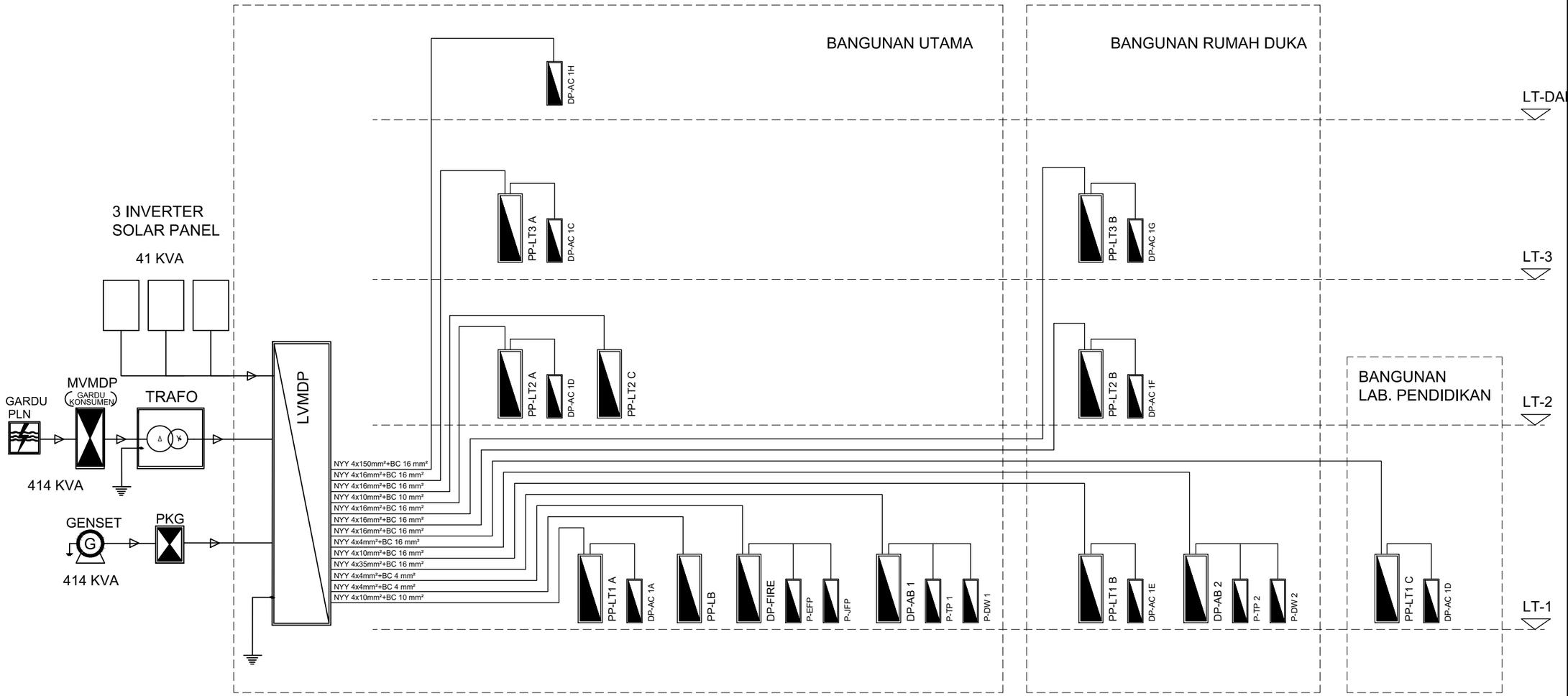
KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| DAFTAR ISI MEKANIKAL DAN ELEKTRIKAL | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-001 | 302 |




ME-002 / - WIRING LISTRIK 01

SCALE
NTS

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DIKETAHUI

DISETUJUI

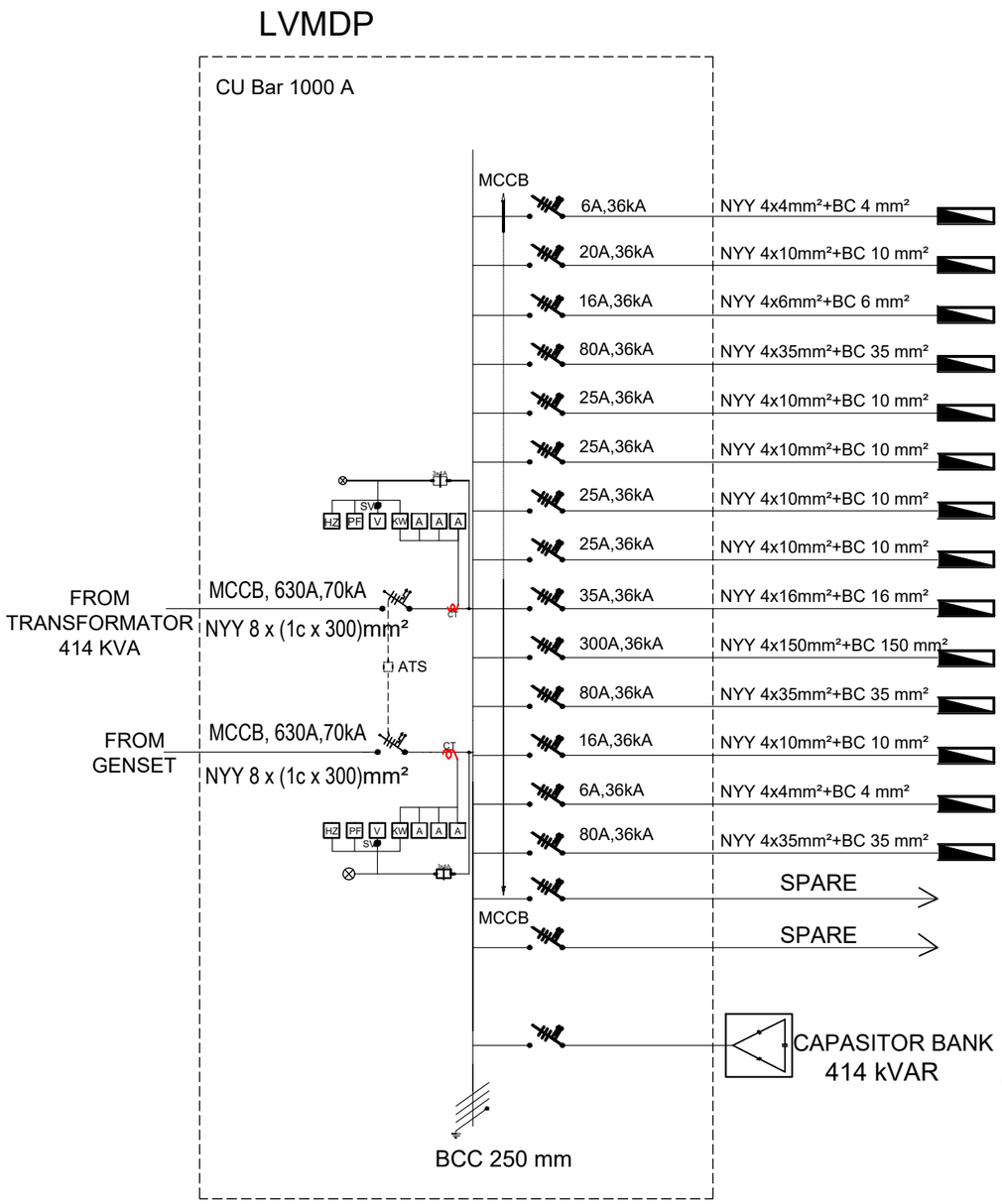
KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 01 | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-002 | 302 |




| PANEL | LOAD |
|---|---|
| PP-LB | 750 VA |
| PP-LT1 A | 11.046 VA |
| PP-LT1 B | 6.984 VA |
| PP-LT1 C | 53.360 VA |
| PP-LT2 A | 15.296 VA |
| PP-LT2 B | 16.666 VA |
| PP-LT2 C | 15.296 VA |
| PP-LT3 A | 16.324 VA |
| PP-LT3 B | 17.462 VA |
| PP-AC 1H | 175.882 VA |
| DP-LIFT | 44.000 VA |
| DP-AB 1 | 11.600 VA |
| DP-AB 2 | 3.000 VA |
| DP-FIRE PUMP | 56.600 VA |
| SPARE | |
| SPARE | |
| | |
| TOTAL LOAD | 444.346 VA |

ME-003 – WIRING LISTRIK 02

SCALE
NTS

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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

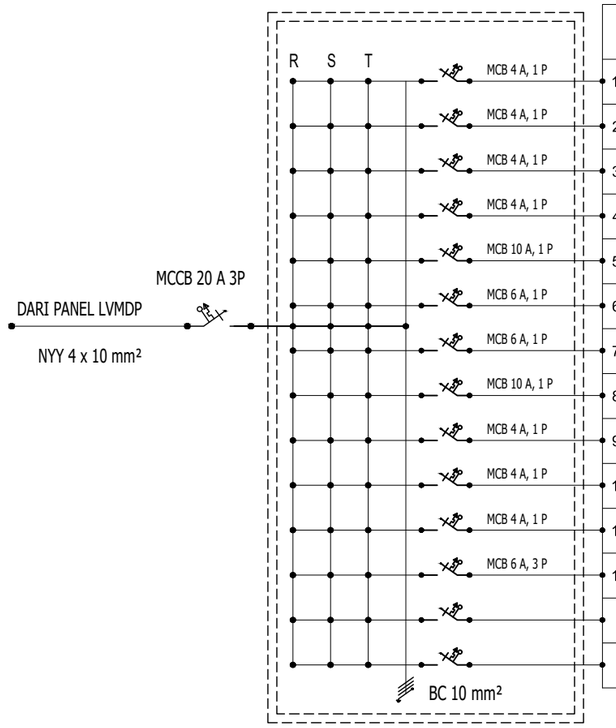
| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 02 | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

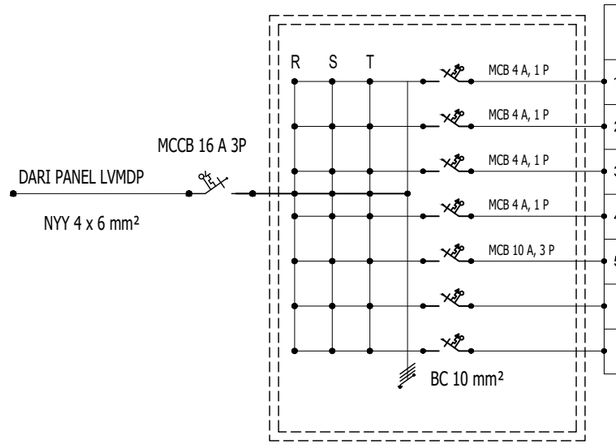
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-003 | 302 |

## WIRING LISTRIK PANEL PP- LT1 A
## (BANGUNAN UTAMA LT-1)




| GROUP | | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | L1A-01 | NYM 3 x 2,5 mm², in Conduit 20mm | 4 | | | | | | 6 | | | | | | | | | 312 | 312 | | |
| 2. | L1A-02 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | 10 | | | | | | | | | 320 | | 320 | |
| 3. | L1A-03 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | 9 | | | | | | | | | 288 | | | 288 |
| 4. | L1A-04 | NYM 3 x 2,5 mm², in Conduit 20mm | 6 | | 1 | 1 | 1 | | | 2 | | | 1 | | 3 | | | 865 | 865 | | |
| 5. | L1A-05 | NYM 3 x 4 mm², in Conduit 20mm | 4 | 2 | | | | | | | | | | | 6 | | | 1368 | 1368 | | |
| 6. | L1A-06 | NYM 3 x 4 mm², in Conduit 20mm | 16 | | | | | | | 4 | | | 3 | | 3 | | | 1178 | | 1178 | |
| 7. | L1A-07 | NYM 3 x 4 mm², in Conduit 20mm | | 4 | 1 | | | 2 | | | | | | | 3 | 2 | | 813 | | | 813 |
| 8. | L1A-08 | NYM 3 x 4 mm², in Conduit 20mm | 2 | 1 | 2 | | | | | 1 | | | | | 8 | 1 | | 1785 | | | 1785 |
| 9. | L1A-09 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | 5 | 4 | | | | | | | | 6 | | 333 | 333 | | |
| 10. | L1A-10 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | 3 | | | 3 | | | | | 108 | | 108 | |
| 11. | L1A-11 | NYM 3 x 2,5 mm², in Conduit 20mm | | | 5 | | | | | 4 | | | | | 1 | | | 370 | | 370 | |
| 12. | - | NYY 4 x 4 mm², in Conduit 20mm (PANEL PP-AC 1A) | | | | | | | | | | | | | | | | 1082,4 | 360,8 | 360,8 | 360,8 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | DAYA | | 3238,8 | 2330,8 | 3266,8 |
| | | | | | | | | | | | | | | | | | KONVERSI (KVA) | | 11 KVA | | |

## WIRING LISTRIK PANEL PP- LT1 B
## (BANGUNAN RUMAH DUKA LT-1)




| GROUP | | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | L1B-01 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | 8 | | | | | | | | | 256 | | 256 | |
| 2. | L1B-02 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | | | | | | | 1 | | | 1 | | 1 | | | 316 | | | 316 |
| 3. | L1B-03 | NYM 3 x 2,5 mm², in Conduit 20mm | | 2 | | | | 1 | | | | | 3 | | 2 | 1 | | 515 | 515 | | |
| 4. | L1B-04 | NYM 3 x 2,5 mm², in Conduit 20mm | | 2 | | | | | | 4 | | | | | | | | 128 | | 128 | |
| 5. | | NYY 4 x 4 mm², in Conduit 20mm (PANEL PP-AC 1E) | | | | | | | | | | | | | | | | 4372,6 | 1457 | 1457 | 1457 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | DAYA | | 1972,5 | 1841,5 | 1773,5 |
| | | | | | | | | | | | | | | | | | KONVERSI (KVA) | | 7 KVA | | |

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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

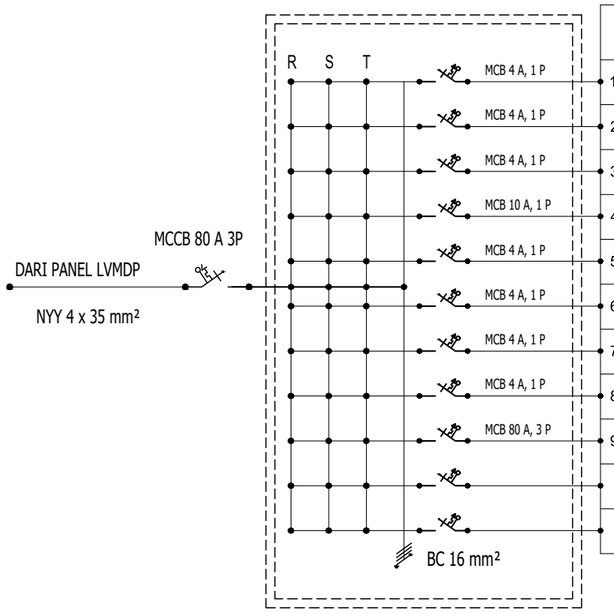
| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 03 | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

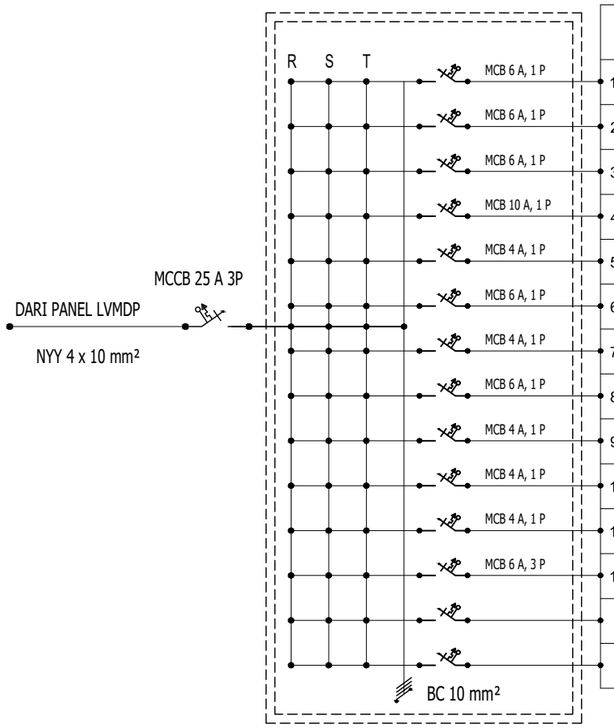
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-004 | 302 |

## WIRING LISTRIK PANEL PP- LT1 C
## (BANGUNAN LABORATORIUM PENDIDIKAN)




| | GROUP | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 24 | 18 | 12 | 9 | 4,5 | 2x16 | E | 100 | | EXIT | NEON BOX | | | | LOAD (WATT) | | | |
| 1. | L1C-01 | NYM 3 x 2,5 mm², in Conduit 20mm | 1 | | | 7 | | | | | | | 1 | | | | | 120 | 120 | | |
| 2. | L1C-02 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | 1 | | | 1 | 1 | | 1 | | | 1 | | 2 | 2 | | 644 | | 644 | |
| 3. | L1C-03 | NYM 3 x 2,5 mm², in Conduit 20mm | 4 | | | | | 2 | | | | | | | 4 | 2 | | 1019 | 1019 | | |
| 4. | L1C-04 | NYM 3 x 4 mm², in Conduit 20mm | 10 | 2 | | | | | | | | | | | 9 | 1 | | 2193 | | | 2193 |
| 5. | L1C-05 | NYM 3 x 2,5 mm², in Conduit 20mm | 4 | | | | | | | 1 | | | 1 | | 2 | | | 422 | | | 422 |
| 6. | L1C-06 | NYM 3 x 2,5 mm², in Conduit 20mm | 4 | | | | | | | | | | | | 3 | | | 720 | | 720 | |
| 7. | L1C-07 | NYM 3 x 2,5 mm², in Conduit 20mm | 4 | | 4 | | | | | | | | | | 5 | 2 | | 1282 | | 1282 | |
| 8. | L1C-08 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 4 | 4 | | 1220 | 1220 | | |
| 9. | | NYY 4 x 35 mm², in Conduit 20mm (PANEL PP-AC 1D) | | | | | | | | | | | | | | | | 35068,6 | 11690 | 11690 | 11690 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | DAYA | | 14049 | 14335 | 14305 |
| | | | | | | | | | | | | | | | | | KONVERSI (KVA) | | 53,4 KVA | | |

## WIRING LISTRIK PANEL PP- LT2 A
## (BANGUNAN UTAMA LT-2)




| | GROUP | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 24 | 18 | 12 | 9 | 4,5 | 2x16 | E | 100 | | EXIT | NEON BOX | | | | LOAD (WATT) | | | |
| 1. | L2A-01 | NYM 3 x 4 mm², in Conduit 20mm | 12 | | | | | | | 3 | | | 1 | | 4 | | | 1226 | 1226 | | |
| 2. | L2A-02 | NYM 3 x 4 mm², in Conduit 20mm | 10 | | | | | | | 4 | | | 1 | | 3 | | | 986 | | 986 | |
| 3. | L2A-03 | NYM 3 x 4 mm², in Conduit 20mm | 11 | | 1 | | | | | 3 | | | 2 | | 4 | | | 1220 | | 1220 | |
| 4. | L2A-04 | NYM 3 x 4 mm², in Conduit 20mm | 1 | 6 | | 1 | | | | 1 | | | 1 | | 8 | 4 | | 1992 | | | 1992 |
| 5. | L2A-05 | NYM 3 x 2,5 mm², in Conduit 20mm | 5 | | | | | | | 2 | | | | | | | | 190 | 190 | | |
| 6. | L2A-06 | NYM 3 x 4 mm², in Conduit 20mm | 3 | 1 | 2 | | | | | | | | | | 5 | 1 | | 1195 | | 1195 | |
| 7. | L2A-07 | NYM 3 x 4 mm², in Conduit 20mm | | 4 | 1 | | | | | | | | | | 4 | | | 914 | | | 914 |
| 8. | L2A-08 | NYM 3 x 4 mm², in Conduit 20mm | 2 | | | 4 | | | | 1 | | | | | 4 | 4 | | 1108 | 1108 | | |
| 9. | L2A-09 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | 2 | | | | | | 1 | | | | | 2 | 2 | | 648 | 648 | | |
| 10. | L2A-10 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | 2 | | | | | | 1 | | | | | 2 | 2 | | 648 | | | 648 |
| 11. | L2A-11 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | 5 | 4 | | | | | | | | 6 | | 333 | 333 | | |
| 12. | | NYY 4 x 4 mm², in Conduit 20mm (PANEL PP-AC 1B) | | | | | | | | | | | | | | | | 1776,5 | 592,2 | 592,2 | 592,2 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | DAYA | | 4097,2 | 3993,2 | 4146,2 |
| | | | | | | | | | | | | | | | | | KONVERSI (KVA) | | 15,3 KVA | | |

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DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

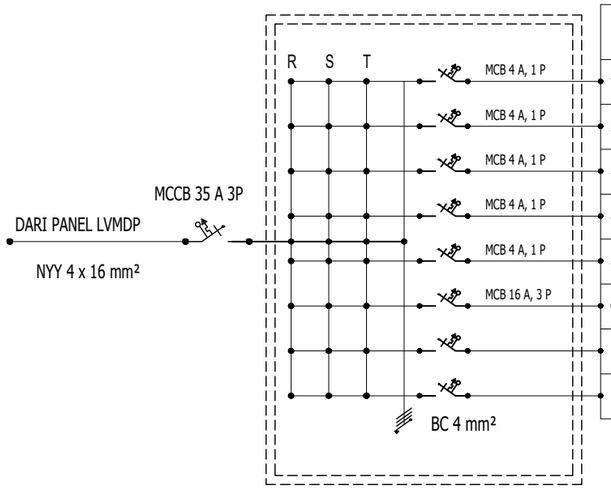
| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 04 | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

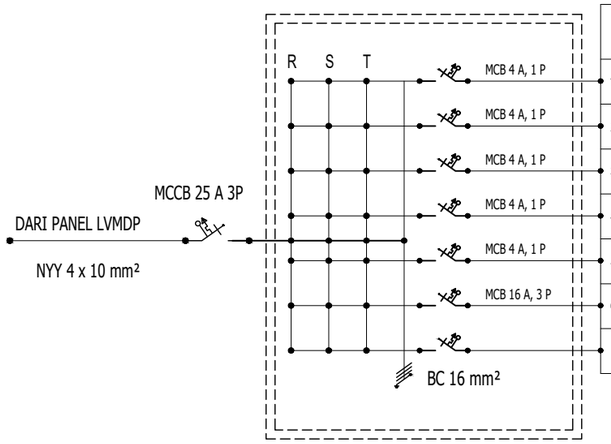
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-005 | 302 |

## WIRING LISTRIK PANEL PP- LT2 B
## (BANGUNAN RUMAH DUKA LT-2)




| | GROUP | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | LOAD (WATT) JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | L2B-01 | NYM 3 x 2,5 mm², in Conduit 20mm | 5 | | 1 | | | | | 1 | | | | | 1 | | | 388 | | 388 | |
| 2. | L2B-02 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | | | | | | | | | | | | 3 | | | 690 | 690 | | |
| 3. | L2B-03 | NYM 3 x 2,5 mm², in Conduit 20mm | 2 | | | | | | | | | | | | 3 | | | 660 | | 660 | |
| 4. | L2B-04 | NYM 3 x 2,5 mm², in Conduit 20mm | 2 | | | | | | | | | | | | 3 | | | 660 | | | 660 |
| 5. | L2B-05 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | 4 | 2 | | | | | | | 2 | | | 445 | | | 445 |
| 6. | | NYY 4 x 6 mm², in Conduit 20mm (PANEL PP-AC 1F) | | | | | | | | | | | | | | | | 10490,2 | 3496,7 | 3496,7 | 3496,7 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | DAYA | 4186,7 | 4544,7 | 4601,7 |
| | | | | | | | | | | | | | | | | | | KONVERSI (KVA) | 16,7 KVA | | |

## WIRING LISTRIK PANEL PP- LT2 C
## (BANGUNAN UTAMA AREA INFEKSIUS LT-2)




| | GROUP | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | LOAD (WATT) JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | L2C-01 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | | | | | | | | | | | | 1 | 1 | | 335 | | 335 | |
| 2. | L2C-02 | NYM 3 x 2,5 mm², in Conduit 20mm | 8 | | | | | | | 2 | | | | | | 5 | | 505 | | 505 | |
| 3. | L2C-03 | NYM 3 x 2,5 mm², in Conduit 20mm | 2 | | 1 | | | | | | | | | | 2 | | | 478 | | | 478 |
| 4. | L2C-04 | NYM 3 x 2,5 mm², in Conduit 20mm | | 2 | | | | | | | | | | | 2 | | | 448 | | | 448 |
| 5. | L2C-05 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 5 | | | 1000 | 1000 | | |
| 6. | | NYY 4 x 10 mm², in Conduit 20mm (KULKAS MAYAT 2 x 7 Unit) | | | | | | | | | | | | | | | | 10500 | 3500 | 3500 | 3500 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | DAYA | 4500 | 4340 | 4426 |
| | | | | | | | | | | | | | | | | | | KONVERSI (KVA) | 16,59 KVA | | |

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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

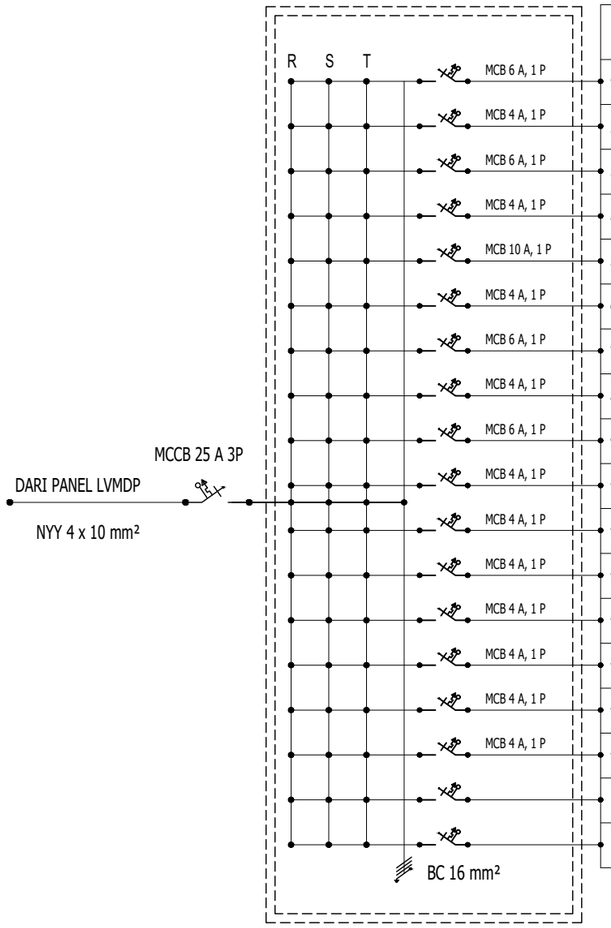
| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 05 | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-006 | 302 |

# WIRING LISTRIK PANEL PP- LT3 A
# (BANGUNAN UTAMA LT-3 & LT-DAK)




| | GROUP | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | LOAD (WATT) JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 24 | 18 | 12 | 9 | 4,5 | 2x16 | | 100 | | EXIT | NEON BOX | | | | | | | |
| 1. | L3A-01 | NYM 3 x 4 mm², in Conduit 20mm | 9 | | | | | | | 2 | | | | | 4 | | | 1110 | 1110 | | |
| 2. | L3A-02 | NYM 3 x 2,5 mm², in Conduit 20mm | 8 | | 3 | | | | | 2 | | | 1 | | 2 | | | 740 | 740 | | |
| 3. | L3A-03 | NYM 3 x 4 mm², in Conduit 20mm | 3 | 1 | 2 | | | | | | | | | | 5 | 1 | | 1195 | | 1195 | |
| 4. | L3A-04 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | | | | | | | | | | | | 1 | | | 290 | | 290 | |
| 5. | L3A-05 | NYM 3 x 4 mm², in Conduit 20mm | 14 | | 2 | | | | | | | | | | 4 | | | 1256 | | | 1256 |
| 6. | L3A-06 | NYM 3 x 4 mm², in Conduit 20mm | 7 | | | | | | | | | | | | 4 | 2 | | 1100 | | 1100 | |
| 7. | L3A-07 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | | | | | | | | | | | | 3 | 1 | | 735 | 735 | | |
| 8. | L3A-08 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | | | | | | | | | | | | 3 | 1 | | 735 | 735 | | |
| 9. | L3A-09 | NYM 3 x 2,5 mm², in Conduit 20mm | 4 | | | | | | | | | | | | 3 | 1 | | 765 | | | 765 |
| 10. | L3A-10 | NYM 3 x 2,5 mm², in Conduit 20mm | 4 | | | | | | | | | | | | 3 | 1 | | 765 | | | 765 |
| 11. | L1A-11 | NYM 3 x 2,5 mm², in Conduit 20mm | 2 | | 1 | | | | | | | | | | 3 | 1 | | 723 | | | 723 |
| 12. | L3A-12 | NYM 3 x 2,5 mm², in Conduit 20mm | 1 | 1 | 1 | | | | | | | | | | | | | 72 | | 72 | |
| 13. | L3A-13 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | 5 | 4 | | | | | | | | 6 | | 333 | 333 | | |
| 14. | L3A-14 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 4 | | 1 | | | | | 406 | | 406 | |
| 15. | L3A-15 | NYM 3 x 4 mm², in Conduit 20mm | | 6 | 3 | 1 | | | | | | | | | 5 | | | 454 | | 454 | |
| 16. | | NYY 4 x 4 mm², in Conduit 20mm (PANEL PP-AC 1C) | | | | | | | | | | | | | | | | 2380,5 | 793,5 | 793,5 | 793,5 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | DAYA | | 4446,5 | 4310,5 | 4302,5 |
| | | | | | | | | | | | | | | | | | KONVERSI (KVA) | | 16,4 KVA | | |

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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

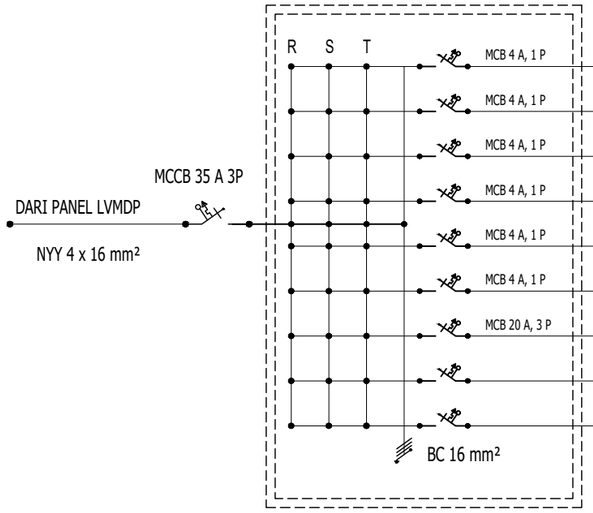
| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 06 | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

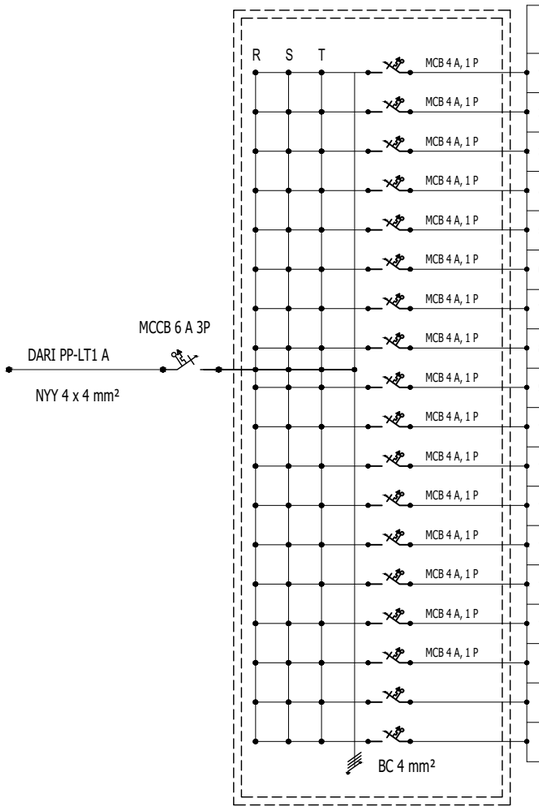
| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-007 | 302 |

# WIRING LISTRIK PANEL PP- LT3 B
## (BANGUNAN RUMAH DUKA LT-3 & LT-DAK)




| | GROUP | KABEL POWER | 30w | 24w | 18w | 12w | 9w | 4,5w | 32w | 20w | 100w | 20w | 6w | 200w | 200w | 24w | 200w | JUM | S | R | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 24 | 18 | 12 | 9 | 4,5 | 2x16 | | 100 | | EXIT | NEON BOX | | | | LOAD (WATT) | | | |
| 1. | L3B-01 | NYM 3 x 2,5 mm², in Conduit 20mm | 5 | | 1 | | | | | 1 | | | | | 1 | | | 388 | 388 | | |
| 2. | L3B-02 | NYM 3 x 2,5 mm², in Conduit 20mm | 3 | | | | | | | | | | | | 3 | | | 690 | | | 690 |
| 3. | L3B-03 | NYM 3 x 2,5 mm², in Conduit 20mm | 2 | | | | | | | | | | | | 3 | | | 660 | | 660 | |
| 4. | L3B-04 | NYM 3 x 2,5 mm², in Conduit 20mm | 2 | | | | | | | | | | | | 3 | | | 660 | | | 660 |
| 5. | L3B-05 | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | 4 | 2 | | | | | | | 2 | | | 445 | | 445 | |
| 6. | L3B-06 | NYM 3 x 2,5 mm², in Conduit 20mm | | | 1 | 1 | | | | | 2 | | 1 | | 3 | | | 636 | 836 | | |
| 7. | | NYY 4 x 10 mm², in Conduit 20mm (PANEL PP-AC 1G) | | | | | | | | | | | | | | | | 10490,2 | 3496,2 | 3496,2 | 3496,2 |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | DAYA | 4720,7 | 4601,7 | 4846,7 |
| | | | | | | | | | | | | | | | | | | KONVERSI (KVA) | 17,7 KVA | | |

# WIRING LISTRIK PANEL PP- AC 1A
## (BANGUNAN UTAMA LT-1)




| | | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 40K005S 75-Q(K)SS | 40K007S 75-Q(K)SS | 40K009S 75-Q(K)SS | 40K012S 75-Q(K)SS | 40K016S 75-Q(K)SS | 40K018S 75-Q(K)SS | 40VU012Z 75-Q33 | 40VU0242 75-Q33 | 40VU0382 75-Q33 | 40VU0482 75-Q33 | 40VU012C 75G-Q33 | 40VU024S 75G-Q33 | 40VU028S 75G-Q33 | 40VU038S 75G-Q33 | 40VU048S 75G-Q33 | 42KHA00 5N8FS | 42KHA00 6N8FS | 42KHA01 2N8FS | 42KHA01 8N8FS | 42KTD018FS | 42KTD030FS | 42KTD036FS | 42KTD024FS | 42KTD036FS | 38VT 026173 HQ(K)SS | 38VT 0265T3 HCQ(K)SS | 38VT 0325T3 HCQ(K)SS | 38VT 0385T3 HCQ(K)SS | 38VT 0445T3 HCQ(K)SS | | | | |
| | GROUP | KABEL POWER | 44,7 | 44,7 | 44,7 | 44,7 | 61,2 | 61,2 | 61,2 | 107,1 | 214,1 | 310,6 | 94,1 | 117,7 | 117,7 | 176,5 | 200,0 | 400,0 | 894,1 | 1176,5 | 2823,5 | 2235,3 | 3764,7 | 4176,5 | 3376,5 | 4352,9 | 22117,7 | 25647,1 | 27764,7 | 34588,2 | 40117,7 | JUM | S | R | T |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | LOAD (VA) | | | |
| 1. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | 44,7 | | |
| 2. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | 44,7 | |
| 3. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | | 44,7 |
| 4. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | 44,7 | | |
| 5. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | 44,7 | |
| 6. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | | 44,7 |
| 7. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | 44,7 | | |
| 8. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | 44,7 | |
| 9. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 61,2 | | | 61,2 |
| 10. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 61,2 | 61,2 | | |
| 11. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 214,1 | | 214,1 | |
| 12. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 214,1 | | | 214,1 |
| 13. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 214,1 | 214,1 | | |
| 14. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 176,5 | | 176,5 | |
| 15. | | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1298,9 | 409,4 | 524,7 | 364,7 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DAYA | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1,3 KVA | | |

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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

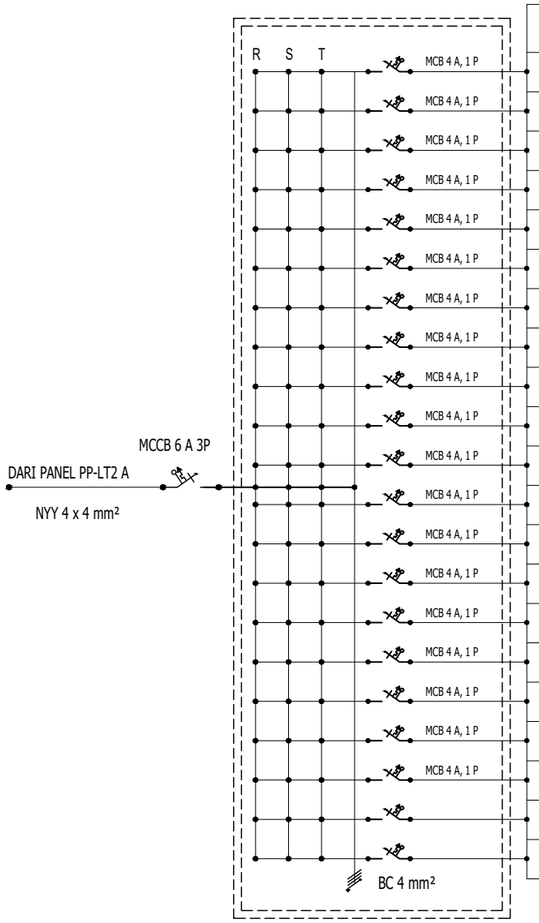
| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 07 | NTS |

| REVISI | TANGGAL |
|---|---|
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-008 | 302 |

# WIRING LISTRIK PANEL PP- AC 1B
# (BANGUNAN UTAMA LT-2)




| | | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | LOAD (VA) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 40K005S 7S-Q(K)SS | 40K007S 7S-Q(K)SS | 40K009S 7S-Q(K)SS | 40K012S 7S-Q(K)SS | 40K016S 7S-Q(K)SS | 40K018S 7S-Q(K)SS | 40VU0122 7S-Q33 | 40VU0242 7S-Q33 | 40VU0382 7S-Q33 | 40VU0482 7S-Q33 | 40VU012C 7S-Q33 | 40VU024S 7S-Q33 | 40VU028S 7S-Q33 | 40VU038S 7S-Q33 | 40VU048S 7S-Q33 | 42KHA00 5N8FS | 42KHA00 9N8FS | 42KHA01 2N8FS | 42KHA01 8N8FS | 42KTD018FS | 42KTD030FS | 42KTD036FS | 42KTD024FS | 42KTD036FS | 38VT 026173 HQ(K)SS | 38VT 026S73 HCQ(K)SS | 38VT 032S73 HCQ(K)SS | 38VT 038S73 HCQ(K)SS | 38VT 046S73 HCQ(K)SS | | | | |
| GROUP | | KABEL POWER | 44,7 | 44,7 | 44,7 | 44,7 | 61,2 | 61,2 | 61,2 | 107,1 | 214,1 | 310,6 | 94,1 | 117,7 | 117,7 | 176,5 | 200,0 | 400,0 | 894,1 | 1176,5 | 2823,5 | 2235,3 | 3764,7 | 4176,5 | 3376,5 | 4352,9 | 22117,7 | 25647,1 | 27764,7 | 34588,2 | 40117,7 | JUM | S | R | T |
| 1. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | 44,7 | | |
| 2. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | 44,7 | |
| 3. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | | 44,7 |
| 4. | | NYM 3 x 2,5 mm², in Conduit 20mm | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | 44,7 | | |
| 5. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 107,2 | | 107,2 | |
| 6. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 107,2 | | | 107,2 |
| 7. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 214,1 | 214,1 | | |
| 8. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 214,1 | | 214,1 | |
| 9. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 214,1 | | | 214,1 |
| 10. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 214,1 | 214,1 | | |
| 11. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,6 | | 117,6 | |
| 12. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 117,6 | | | 117,6 |
| 13. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 117,6 | 117,6 | | |
| 14. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 176,5 | | 176,5 | |
| 15. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 176,5 | | | 176,5 |
| 16. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 176,5 | 176,5 | | |
| 17. | | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DAYA | 2131,8 | 812 | 660 | 660 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2,1 KVA | | |

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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
|---|---|
| WIRING LISTRIK 08 | NTS |

| REVISI | TANGGAL |
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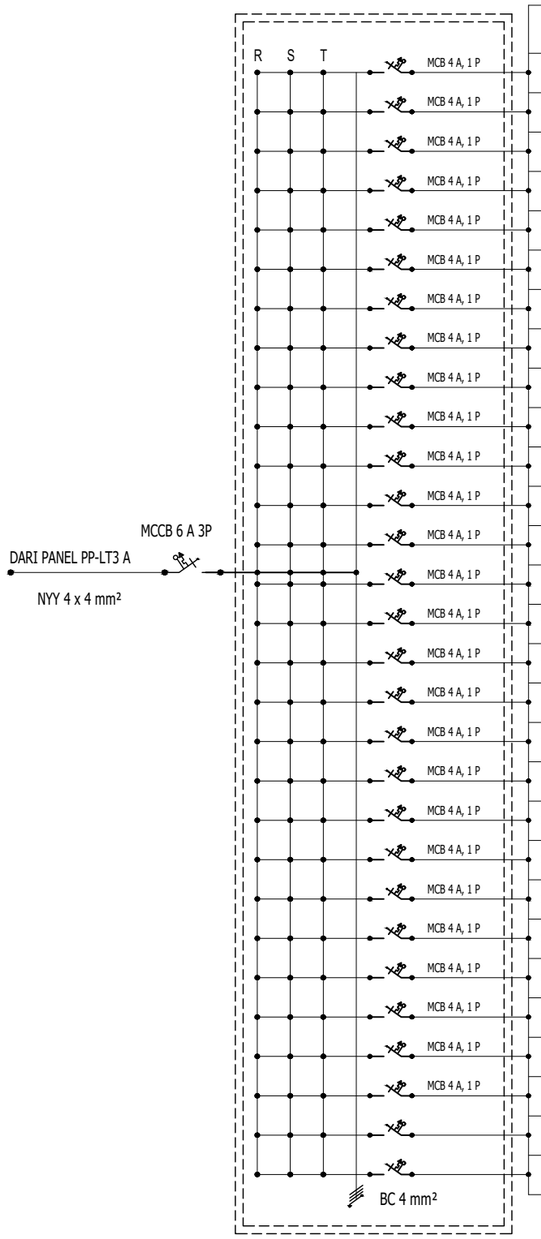
| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-009 | 302 |

# WIRING LISTRIK PANEL PP- AC 1C
# (BANGUNAN UTAMA LT-3)




| | | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | LOAD (VA) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 40KX05S 75-Q(K)SS | 40KX07S 75-Q(K)SS | 40KX09S 75-Q(K)SS | 40KX12S 75-Q(K)SS | 40KX16S 75-Q(K)SS | 40KX18S 75-Q(K)SS | 40VU012Z 75-Q33 | 40VU024Z 75-Q33 | 40VU036Z 75-Q33 | 40VU048Z 75-Q33 | 40VU012C 75-Q33 | 40VU024S 75-Q33 | 40VU028S 75-Q33 | 40VU038S 75-Q33 | 40VU048S 75-Q33 | 42KHA00 5N8FS | 42KHA00 9N8FS | 42KHA01 2N8FS | 42KHA01 8N8FS | 42KTD018FS | 42KTD030FS | 42KTD036FS | 42KTD024FS | 42KTD036FS | 38VT 026173 HC(K)SS | 38VT 026S73 HC(K)SS | 38VT 032S73 HC(K)SS | 38VT 038S73 HC(K)SS | 38/T 046S73 HC(K)SS | | | | | |
| GROUP | | KABEL POWER | 44,7 | 44,7 | 44,7 | 44,7 | 61,2 | 61,2 | 61,2 | 107,1 | 214,1 | 310,6 | 94,1 | 117,7 | 117,7 | 176,5 | 200,0 | 400,0 | 894,1 | 1176,5 | 2823,5 | 2235,3 | 3764,7 | 4176,5 | 3376,5 | 4352,9 | 22117,7 | 25647,1 | 27764,7 | 34588,2 | 40117,7 | JUM | S | R | T |
| 1. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | 44,7 | |
| 2. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | | 44,7 |
| 3. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | 44,7 | |
| 4. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | | 44,7 |
| 5. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | 44,7 | |
| 6. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 44,7 | | | 44,7 |
| 7. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 61,2 | | 61,2 | |
| 8. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 61,2 | | | 61,2 |
| 9. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 61,2 | | 61,2 | |
| 10. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 310,6 | 310,6 | | |
| 11. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 117,6 | | 117,7 | |
| 12. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 117,6 | | | 117,7 |
| 13. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 117,6 | 117,7 | | |
| 14. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,6 | | 117,7 | |
| 15. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,6 | | | 117,7 |
| 16. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,7 | 117,7 | | |
| 17. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,7 | | 117,7 | |
| 18. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,7 | | | 117,7 |
| 19. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,7 | 117,7 | | |
| 20. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,7 | | 117,7 | |
| 21. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | 117,7 | | | 117,7 |
| 22. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 200,0 | 200,0 | | |
| 23. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 200,0 | | 200,0 | |
| 24. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 200,0 | | | 200,0 |
| 25. | | NYM 3 x 2,5 mm², in Conduit 20mm | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | 200,0 | 200,0 | | |
| 26. | | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | SPARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DAYA | 2856,5 | 1064 | 927 | 866 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2,9 KVA | | |

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UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

| PERENCANA | NAMA | PARAF |
|---|---|---|
| Arsitek | | |
| Sipil | | |
| MEP | | |

| GAMBAR | SKALA |
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| WIRING LISTRIK 09 | NTS |

| REVISI | TANGGAL |
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| R-05 | 24/01/25 |

| NO. GAMBAR | JUM. GAMBAR |
|---|---|
| ME-010 | 302 |