

WIRING LISTRIK PANEL PP- AC 1D
(BANGUNAN LAB. PENDIDIKAN LT-1)

WIRING LISTRIK PANEL PP-AC 1D (BANGUNAN LAB. PENDIDIKAN LT-1)																																LOAD (VA)						
			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							
DARI PANEL PP-LT1 C NY Y 4 x 35 mm² MCCB 80 A 3P R S T MCB 4 A, 1 P MCB 4 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P MCB 4 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P MCB 16 A, 1 P <th>GROUP</th> <th>KABEL POWER</th> <td>44,7</td> <td>44,7</td> <td>44,7</td> <td>44,7</td> <td>61,2</td> <td>61,2</td> <td>61,2</td> <td>107,1</td> <td>214,1</td> <td>310,6</td> <td>94,1</td> <td>117,7</td> <td>117,7</td> <td>176,5</td> <td>200,0</td> <td>400,0</td> <td>894,1</td> <td>1176,5</td> <td>2823,5</td> <td>2235,3</td> <td>3764,7</td> <td>4176,5</td> <td>3376,5</td> <td>4352,9</td> <td>22117,7</td> <td>25647,1</td> <td>27764,7</td> <td>34588,2</td> <td>40117,7</td> <th>JUM</th> <th>S</th> <th>R</th> <th>T</th>			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 4 mm ² , in Conduit 20mm																			1												1176,5			1176,5
			2.	NYM 3 x 4 mm ² , in Conduit 20mm																			1												1176,5		1176,5	
			3.	NYM 3 x 4 mm ² , in Conduit 20mm																				1											2835,3			2835,3
			4.	NYM 3 x 4 mm ² , in Conduit 20mm																				1											2835,3	2835,3		
			5.	NYM 3 x 4 mm ² , in Conduit 20mm																				1											2835,3		2835,3	
			6.	NYM 3 x 4 mm ² , in Conduit 20mm																				1											2835,3			2835,3
			7.	NYM 3 x 4 mm ² , in Conduit 20mm																					1										2235,3	2235,3		
			8.	NYM 3 x 4 mm ² , in Conduit 20mm																					1										2235,3		2235,3	
			9.	NYM 3 x 4 mm ² , in Conduit 20mm																					1										2235,3			2235,3
			10.	NYM 3 x 4 mm ² , in Conduit 20mm																			1												1176,5	1176,5		
			11.	NYM 3 x 4 mm ² , in Conduit 20mm																				1											2835,3		2835,3	
			12.	NYM 3 x 4 mm ² , in Conduit 20mm																				1											2835,3			2835,3
			13.	NYM 3 x 4 mm ² , in Conduit 20mm																				1											2835,3	2835,3		
			14.	NYM 3 x 4 mm ² , in Conduit 20mm																					1										2235,3		2235,3	

WIRING LISTRIK PANEL PP- AC 1E
(BANGUNAN RUMAH DUKA LT-1)

WIRING LISTRIK PANEL PP- AC 1E (BANGUNAN RUMAH DUKA 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	LOAD (VA)				
			40K00S 75-QKSS	40K00S 75-QKSS	40K00S 75-QKSS	40K00S 75-QKSS	40K01S 75-QKSS	40K01S 75-QKSS	40V00122 75-Q33	40V00242 75-Q33	40V00382 75-Q33	40V00482 75-Q33	40V0012C 75-Q33	40V0024S 75-Q33	40V0028S 75-Q33	40V0038S 75-Q33	40V0048S 75-Q33	42K-HA00 5N8FS	42K-HA00 9N8FS	42K-HA01 2N8FS	42K-HA01 8N8FS	42KTD018FS	42KTD030FS	42KTD036FS	42KTD044FS	42KTD036FS	38VLT 026173 HQKSS	38VLT 026573 HQKSS	38VLT 026573 HQKSS	38VLT 026573 HQKSS	38VLT 046573 HQKSS	JUM	S	R	T	
	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	4352,9	4352,9			
	1.	NYM 3 x 4 mm², in Conduit 20mm																					1													
	2.	NYM 3 x 4 mm², in Conduit 20mm																	1														894,1		894,1	
		SPARE																																		
		SPARE																																		
		SPARE																																		
			DAYA																								5247,1	4353	894	-						
																											5,25 KVA									

WIRING LISTRIK PANEL PP- AC 1F
(BANGUNAN RUMAH DUKA LT-2)

WIRING LISTRIK PANEL PP- AC 1F (BANGUNAN RUMAH DUKA 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)						
			40K00S 75-QK1SS	40K00S 75-QK1SS	40K00S 75-QK1SS	40K01S 75-QK1SS	40K01S 75-QK1SS	40K01S 75-QK1SS	40V0122 75-Q33	40V0242 75-Q33	40V0382 75-Q33	40V0482 75-Q33	40V012C 75-Q33	40V024S 75-Q33	40V028S 75-Q33	40V038S 75-Q33	40V048S 75-Q33	42KH400 5N8FS	42KH400 9N8FS	42KH401 2N8FS	42KH401 8N8FS	42KT0018FS	42KT0030FS	42KT0036FS	42KT0024FS	42KT0036FS	38VT 026173 HCQK1SS	38VT 026573 HCQK1SS	38VT 032573 HCQK1SS	38VT 038573 HCQK1SS	38VT 046573 HCQK1SS	JUM	S	R	T			
			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							
			1.		NYM 3 x 4 mm², in Conduit 20mm																			1										2235,3	2235,3			
			2.		NYM 3 x 4 mm², in Conduit 20mm																				1										2235,3		2235,3	
			3.		NYM 3 x 4 mm², in Conduit 20mm																					1									3764,7			3764,7
			4.		NYM 3 x 4 mm², in Conduit 20mm																							1							4352,9	4352,9		
					SPARE																																	
			DAYA																								12588,2	6588,2	2235,3	3764,7								
																											12,6 KVA											



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
WIRING LISTRIK 10	NTS

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-011

302



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBARSKALA

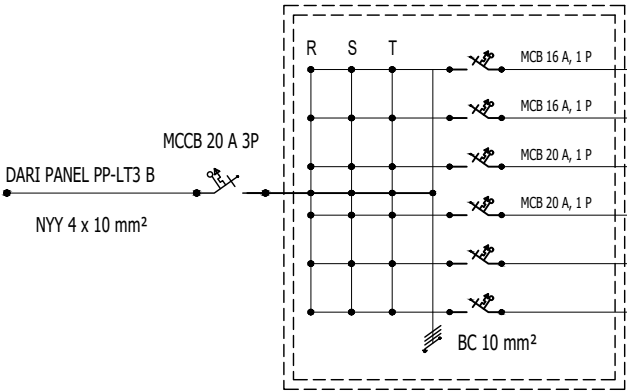
WIRING LISTRIK 11	NTS
-------------------	-----

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-012

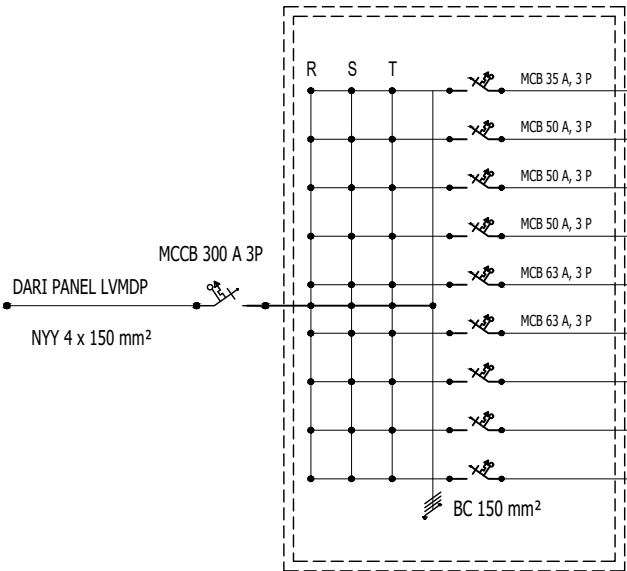
302

WIRING LISTRIK PANEL PP- AC 1G
(BANGUNAN RUMAH DUKA LT-3)



- AC 1G (LT-3)																																LOAD (VA)				
			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					
			40K00S 75-QIK(SS)	40K007S 75-QIK(SS)	40K008S 75-QIK(SS)	40K012S 75-QIK(SS)	40K016S 75-QIK(SS)	40K018S 75-QIK(SS)	40VU0122 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	42KH00 5N8FS	42KH00 9N8FS	42KH001 2N8FS	42KH001 8N8FS	42KTD018FS	42KTD030FS	42KTD036FS	42KTD024FS	42KTD036FS	38VT 026173 H0IK(SS)	38VT 028S73 H0IK(SS)	38VT 032S73 H0IK(SS)	38VT 038S73 H0IK(SS)	38VT 046S73 H0IK(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 4 mm², in Conduit 20mm																				1										2235,3	2235,3			
•	2.	NYM 3 x 4 mm², in Conduit 20mm																				1										2235,3		2235,3		
•	3.	NYM 3 x 4 mm², in Conduit 20mm																					1									3764,7			3764,7	
•	4.	NYM 3 x 4 mm², in Conduit 20mm																							1							4352,9	4352,9			
•		SPARE																																		
•		SPARE																																		
			DAYA																										12588,2	6588,2	2235,3	3764,7				
																													12,6 KVA							

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



- AC 1H			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)					
			40K00SS 75-QIKSS	40K007S 75-QIKSS	40K008S 75-QIKSS	40K012S 75-QIKSS	40K016S 75-QIKSS	40K018S 75-QIKSS	40VU0122 75-Q33	40VU0242 75-Q33	40VU0382 75-Q33	40VU0482 75-Q33	40VU012C 75-Q33	40VU024S 75-Q33	40VU028S 75-Q33	40VU038S 75-Q33	40VU048S 75-Q33	42KH00 5N8FS	42KH00 9N8FS	42KH001 2N8FS	42KH001 8N8FS	42KTD018FS	42KTD030FS	42KTD036FS	42KTD024FS	42KTD036FS	38VT 026173 H0IKSS	38VT 028S73 H0IKSS	38VT 032S73 H0IKSS	38VT 038S73 H0IKSS	38VT 046S73 H0IKSS						
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								JUM	S	R	T
•	1.	NYY 4 x 16 mm², in Conduit 20mm																									1						22117,7	7372,6	7372,6	7372,6	
•	2.	NYY 4 x 16 mm², in Conduit 20mm																										1					25647,1	8549,0	8549,0	8549,0	
•	3.	NYY 4 x 16 mm², in Conduit 20mm																										1					25647,1	8549,0	8549,0	8549,0	
•	4.	NYY 4 x 16 mm², in Conduit 20mm																											1				27764,7	9254,9	9254,9	9254,9	
•	5.	NYY 4 x 25 mm², in Conduit 20mm																												1			34588,2	11529,4	11529,4	11529,4	
•	6.	NYY 4 x 25 mm², in Conduit 20mm																													1		40117,7	13372,6	13372,6	13372,6	
•		SPARE																																			
•		SPARE																																			
•		SPARE																																			
			DAYA																								175882,4	58627,5	58627,5	58627,5	175,9 KVA						



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

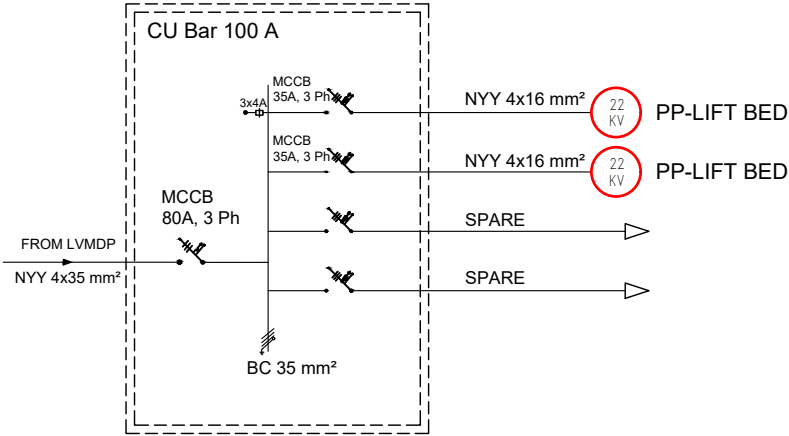
GAMBAR	SKALA
WIRING LISTRIK 12	NTS

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-013

302

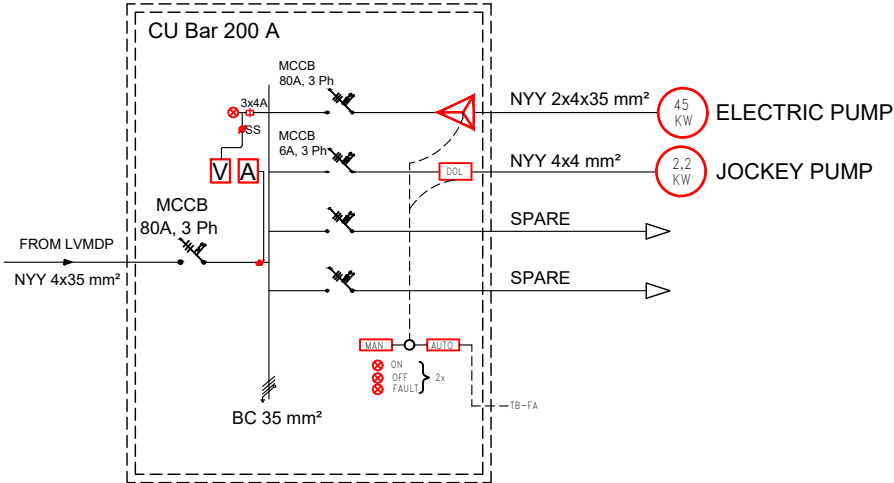
DP-LIFT 1



TOTAL :

44 KVA

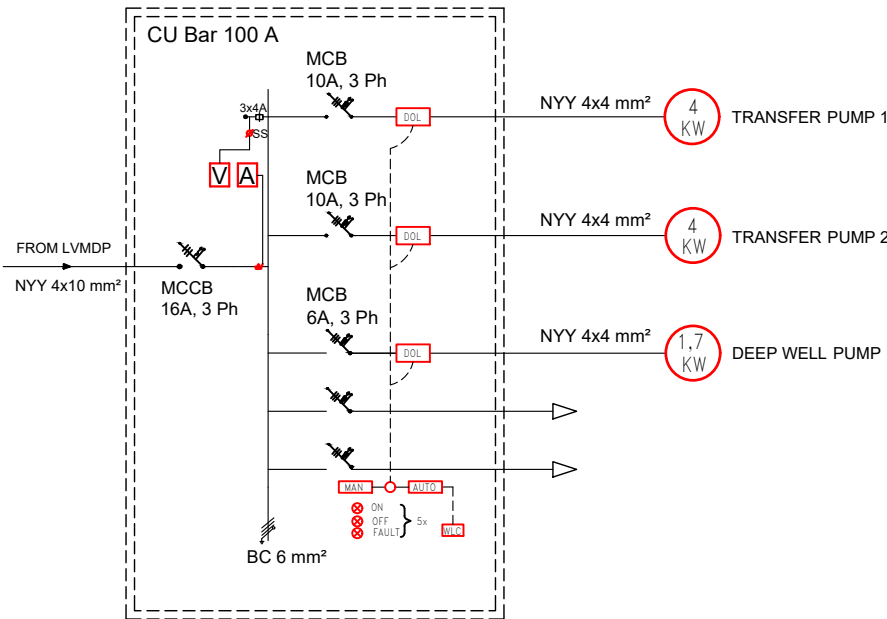
DP-FIRE PUMP



TOTAL :

47.200 WATT 56,6 KVA

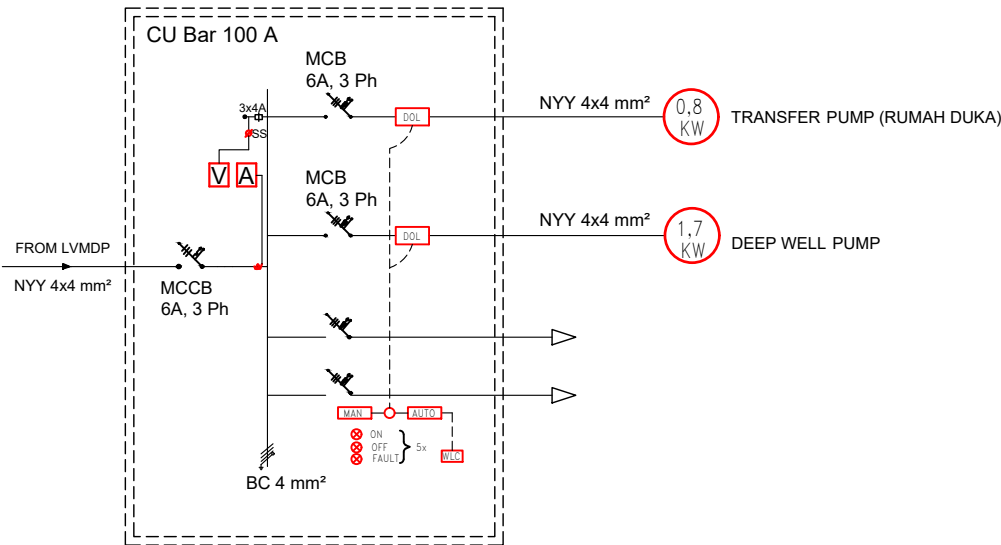
DP-AB 1 PUMP (BANGUNAN UTAMA)



TOTAL :

9.700 WATT 11,6 KVA

DP-AB 2 PUMP (BANGUNAN RUMAH DUKA)



TOTAL :

2.500 WATT 3 KVA



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

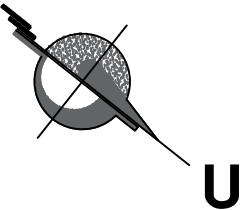
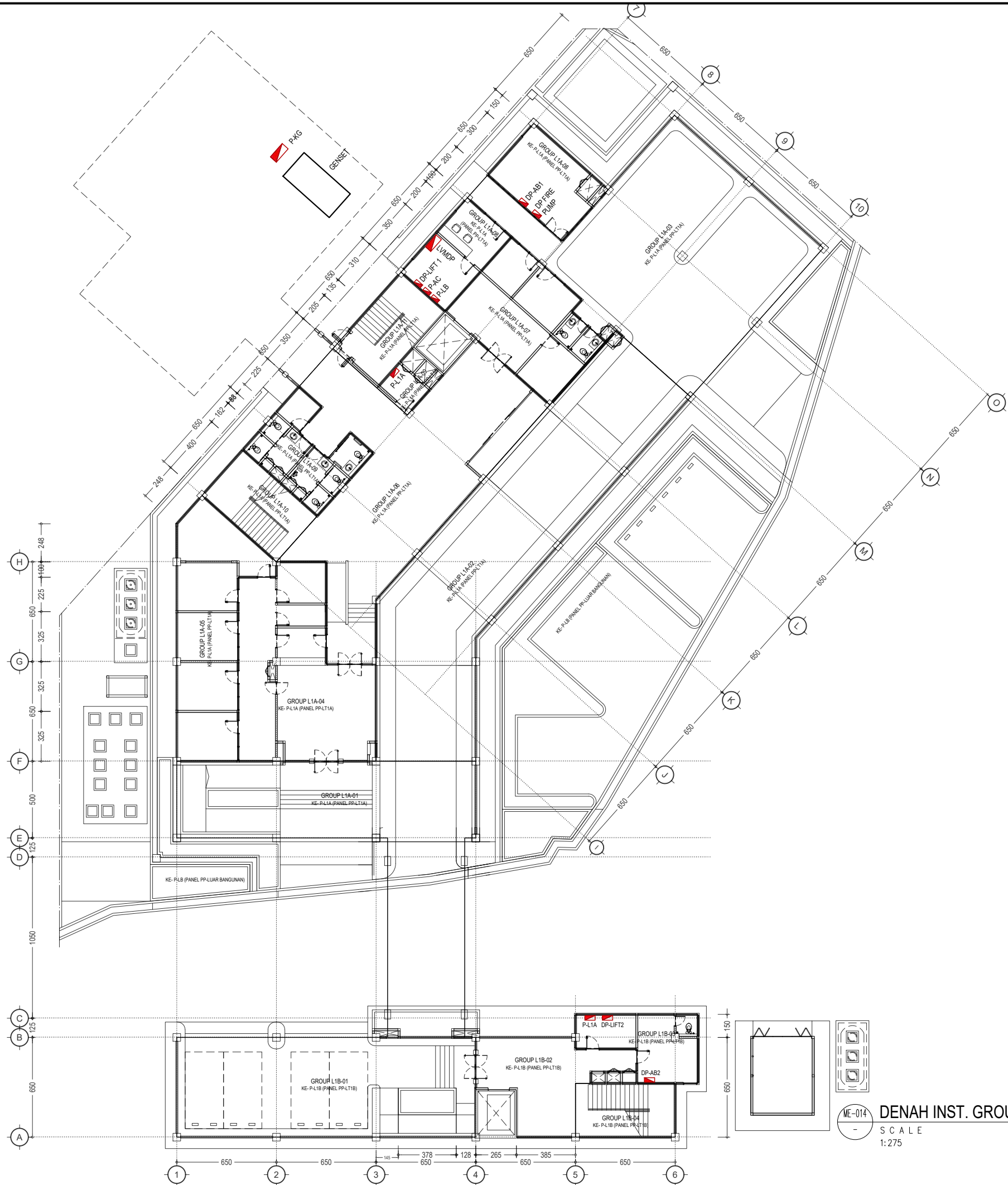
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. GROUP LT-1 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-014

302



ME-014

DENAH INST. GROUP LT-1 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

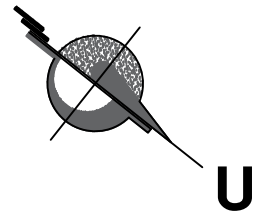
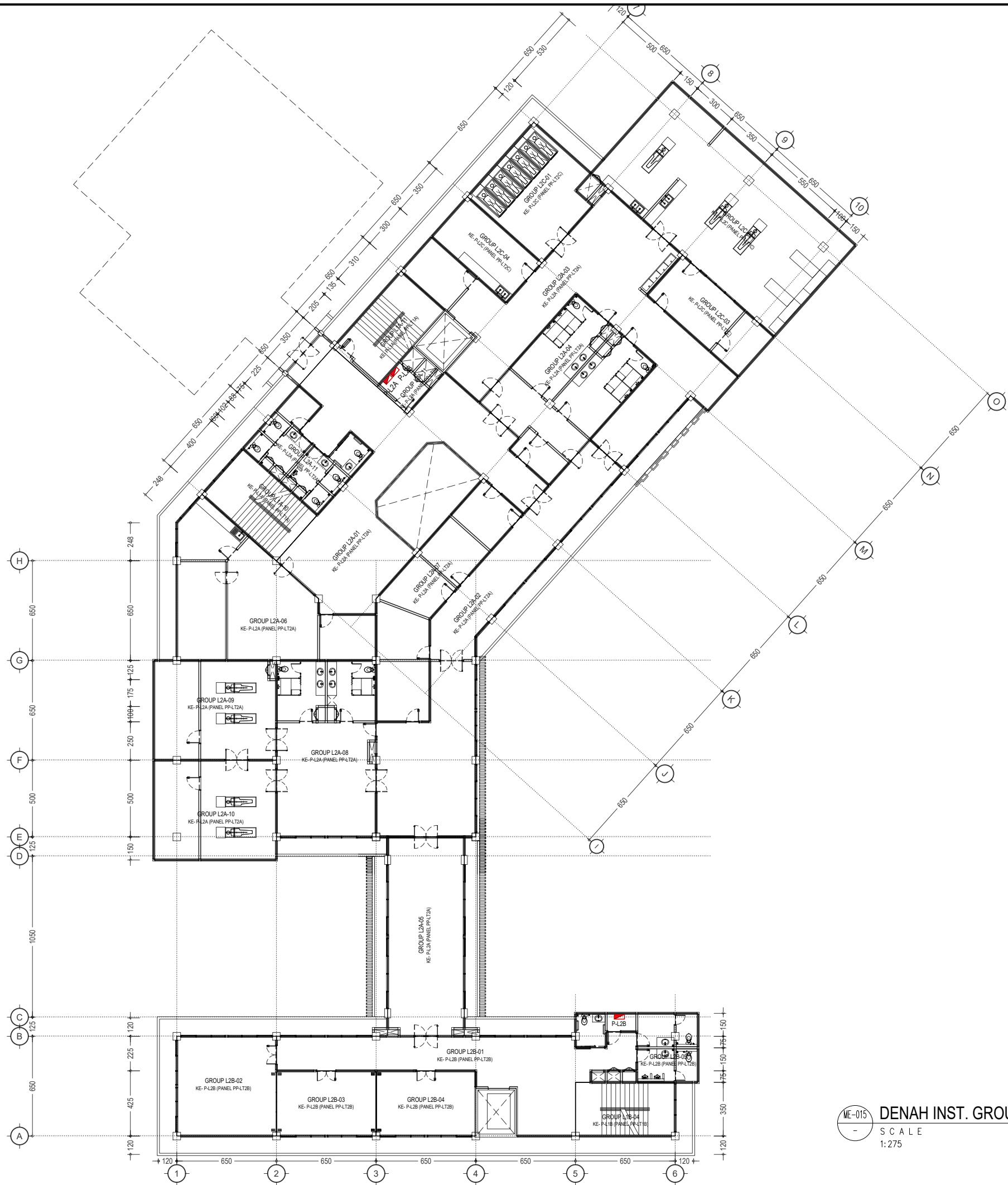
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. GROUP LT-2 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-015

302



ME-015
-
DENAH INST. GROUP LT-2 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

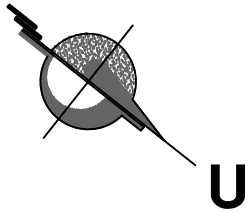
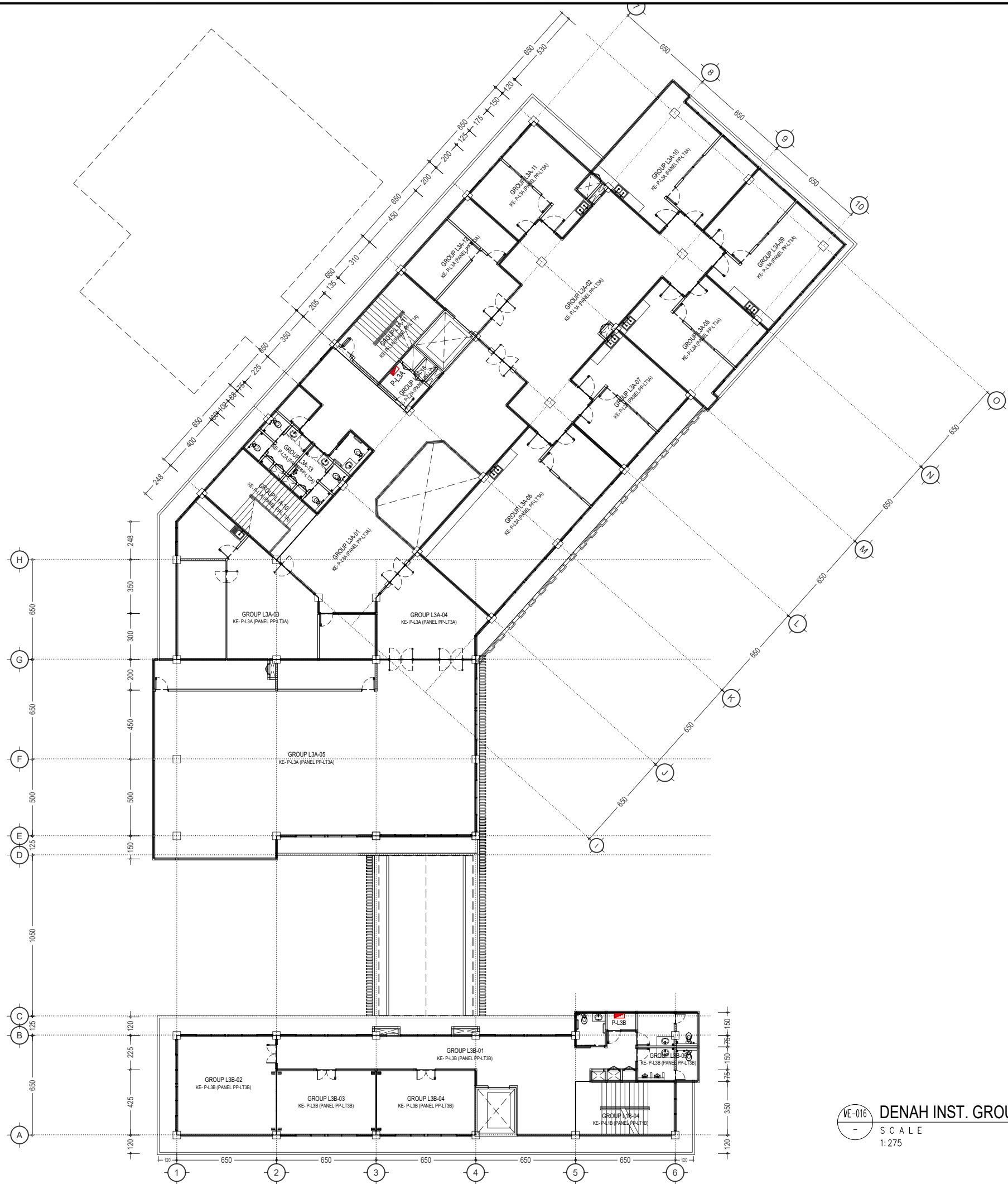
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. GROUP LT-3 (BANG. UTAMA)	1:275

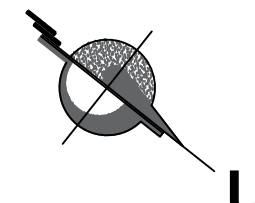
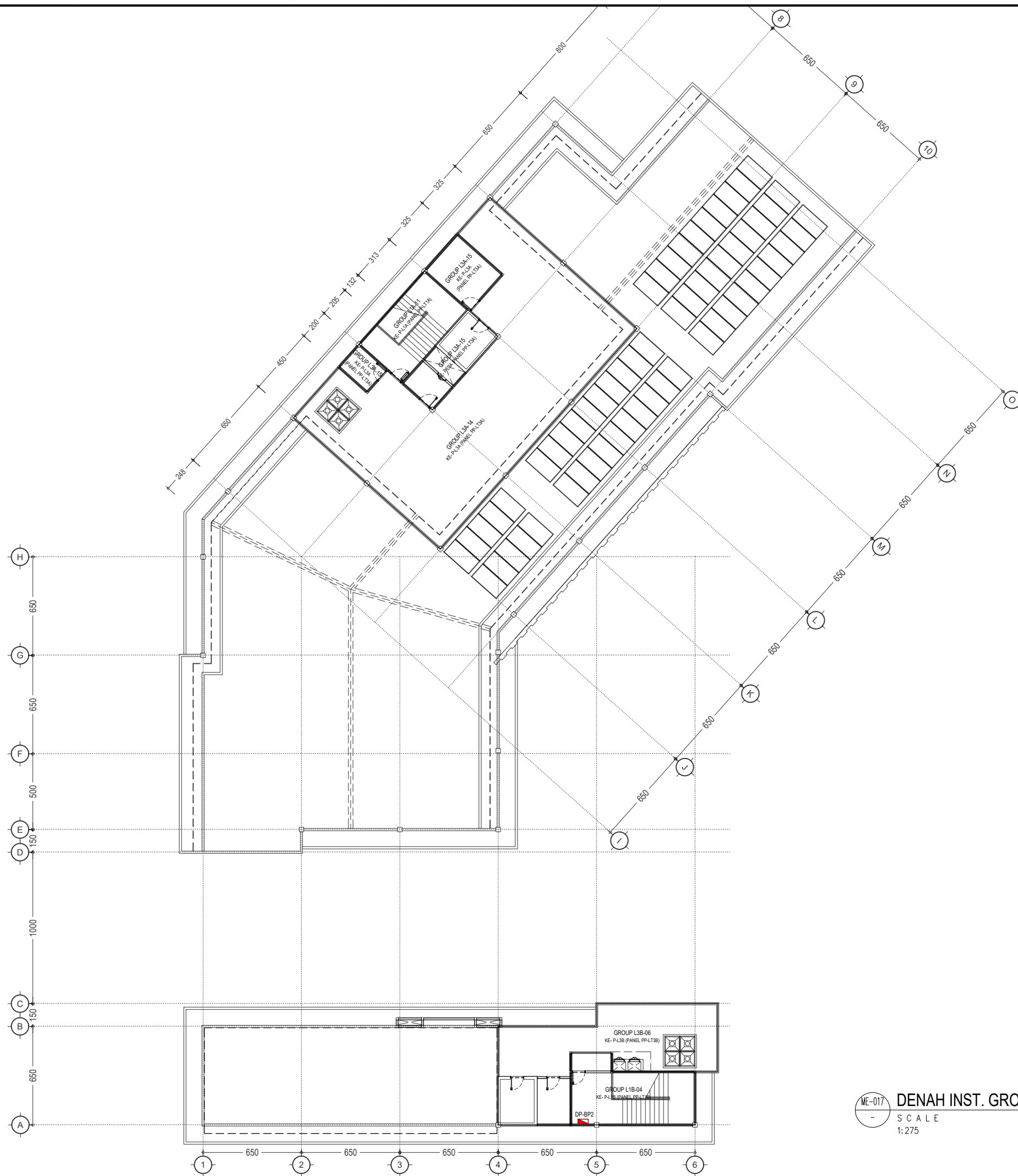
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-016

302



ME-016
-
DENAH INST. GROUP LT-3 (BANG. UTAMA)
SCALE
1:275



ME-017
-
DENAH INST. GROUP LT-DAK (BANG. UTAMA)
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. GROUP LT-DAK (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-017
302



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

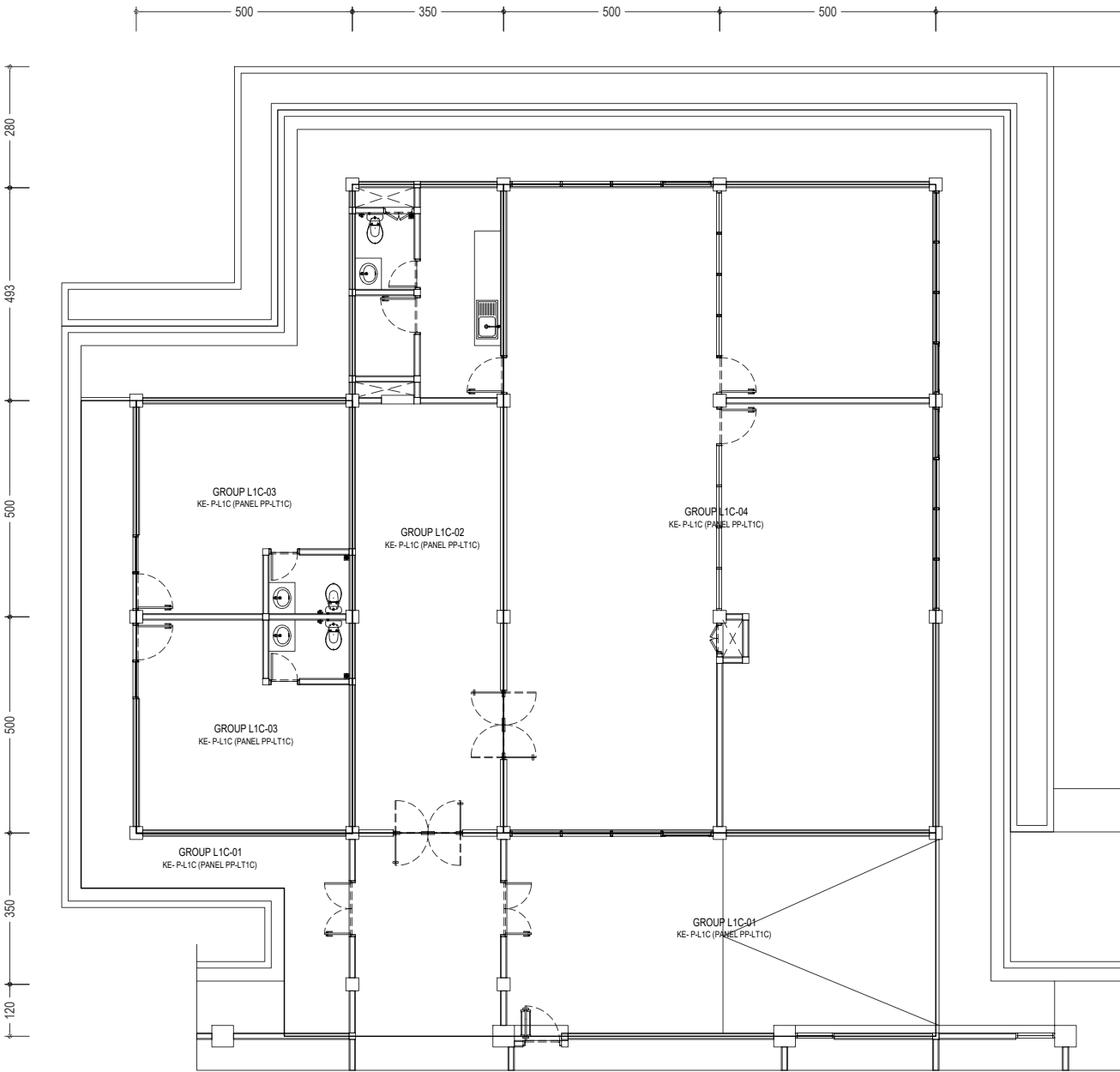
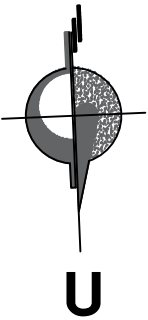
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. GROUP (BANG. ADM)	1:150

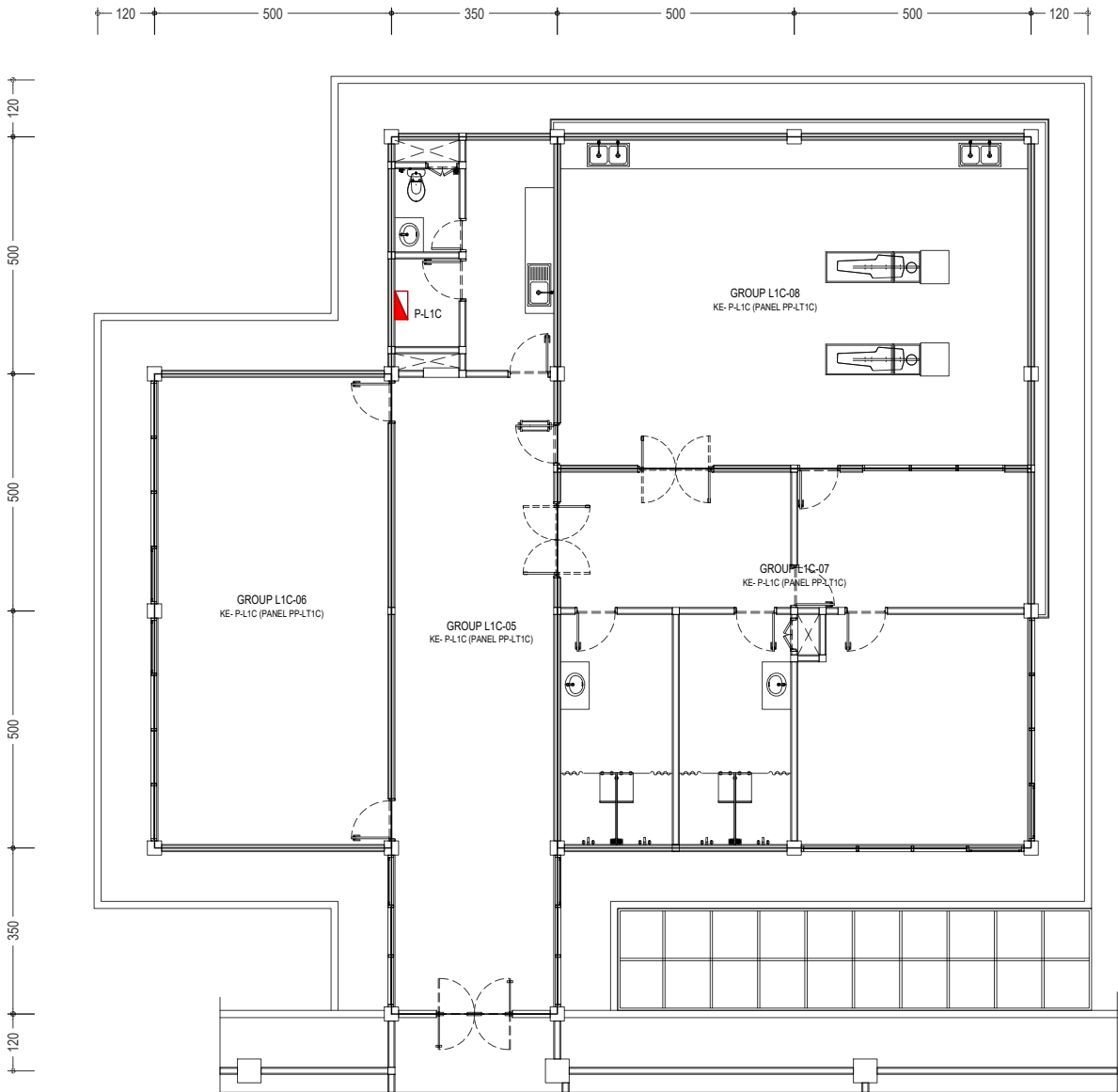
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-018

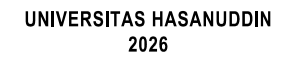
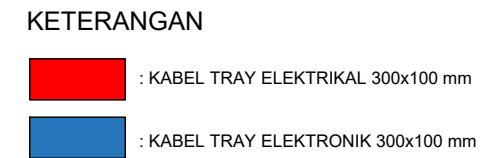
302



ME-018 DENAH INST. GROUP (BANG. ADM) LT-1
SCALE
1:150



ME-018 DENAH INST. GROUP (BANG. ADM) LT-2
SCALE
1:150



PROYEK

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

DIPERIKSA

DIKETAHUI

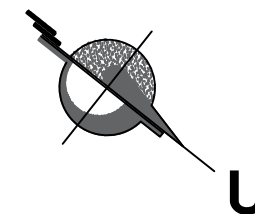
DISETUJUI

KONSULTAN PERENCANA

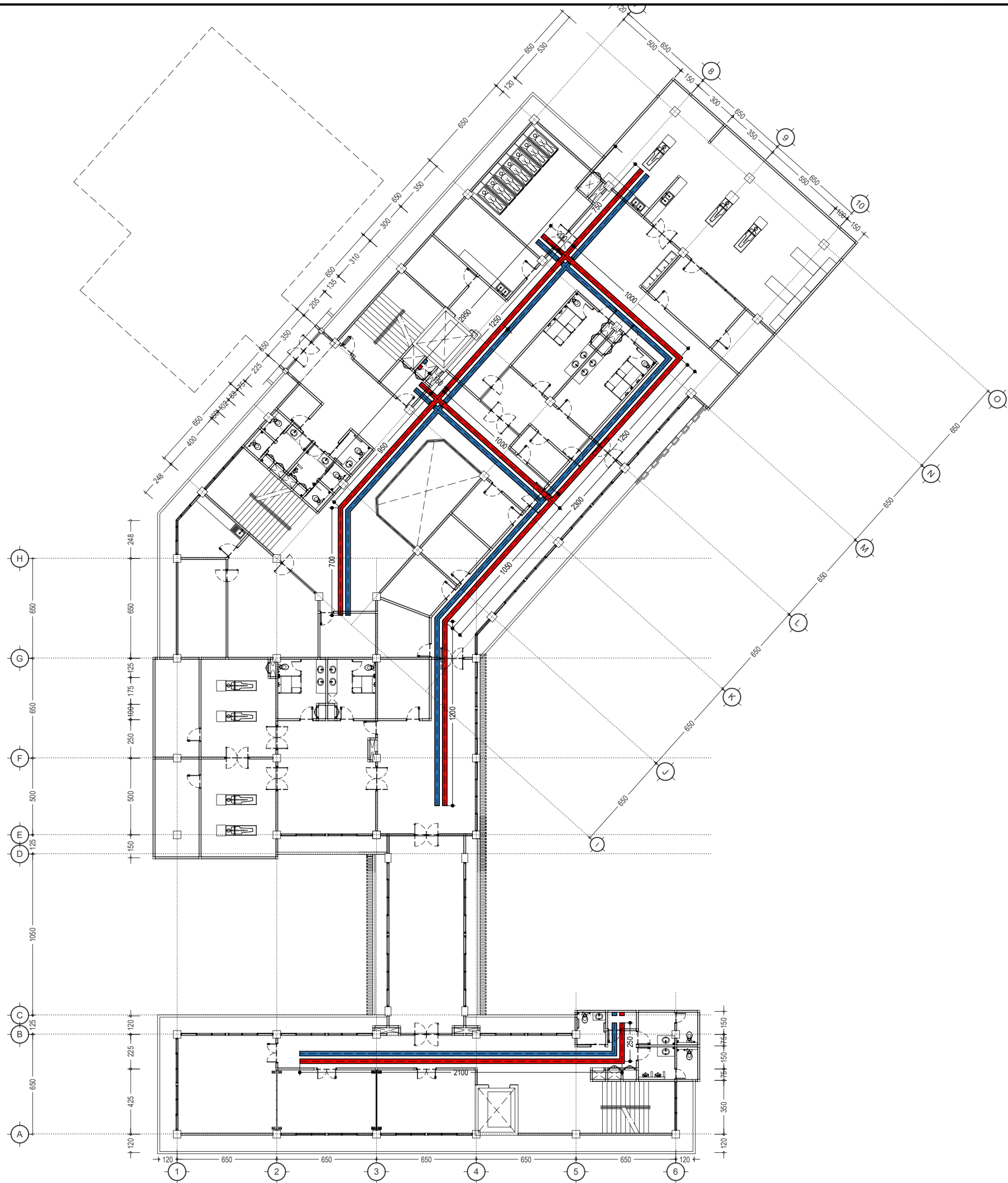
GAMBAR	SKALA
DENAH INST. KABEL TRAY LT-1 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-019	302
--------	-----

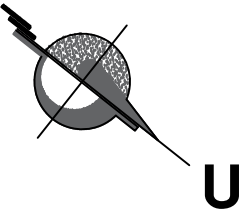


ME-019 DENAH INST. KABEL TRAY LT-1 (BANG. UTAMA)
SCALE
1:275



KETERANGAN

- : KABEL TRAY ELEKTRIKAL 300x100 mm
- : KABEL TRAY ELEKTRONIK 300x100 mm



ME-020 DENAH INST. KABEL TRAY LT-2 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

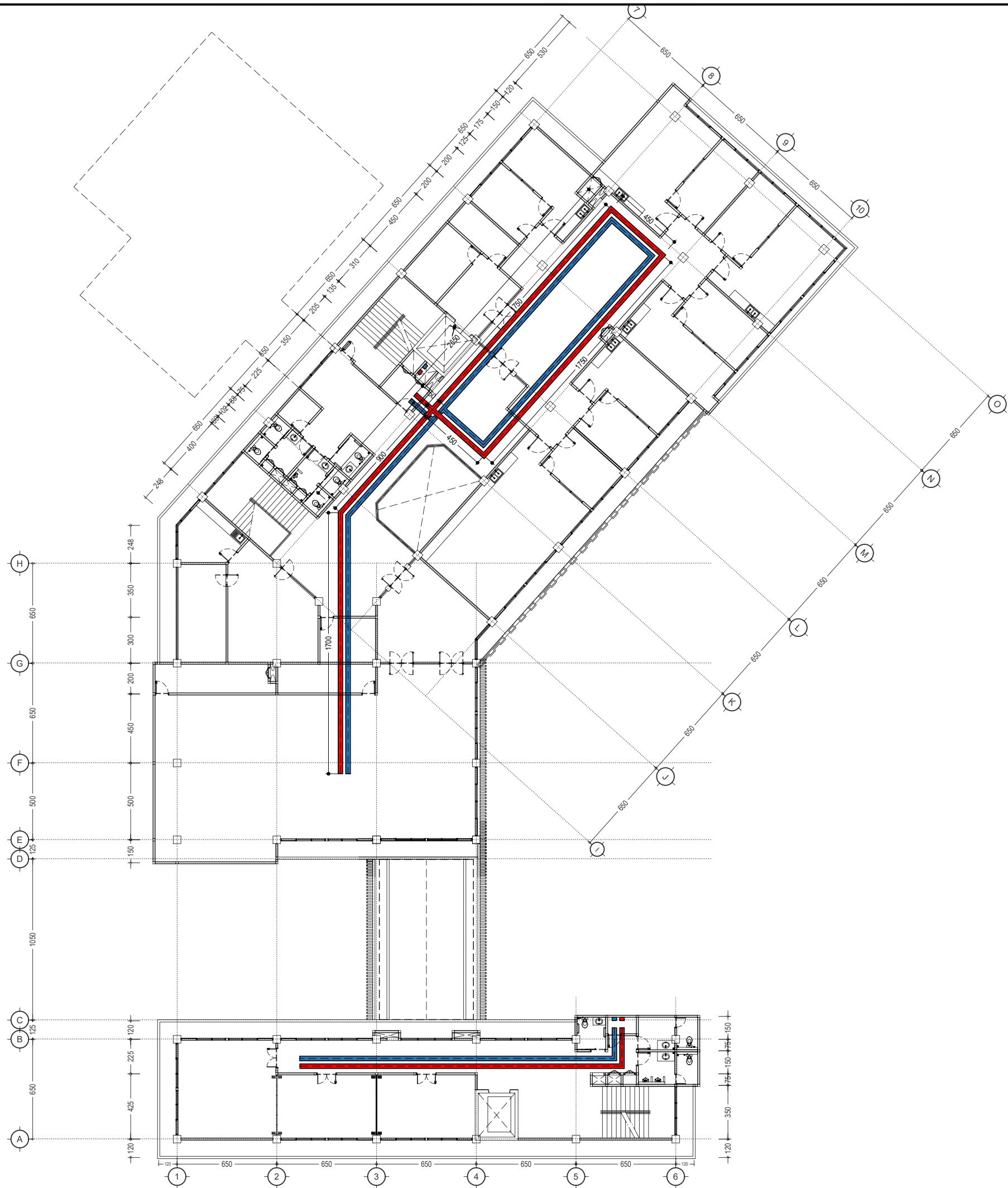
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. KABEL TRAY LT-2 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-020

302



KETERANGAN

- : KABEL TRAY ELEKTRIKAL 300x100 mm
- : KABEL TRAY ELEKTRONIK 300x100 mm

ME-021
-
DENAH INST. KABEL TRAY LT-3 (BANG. UTAMA)
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. KABEL TRAY LT-3 (BANG. UTAMA)	1:275

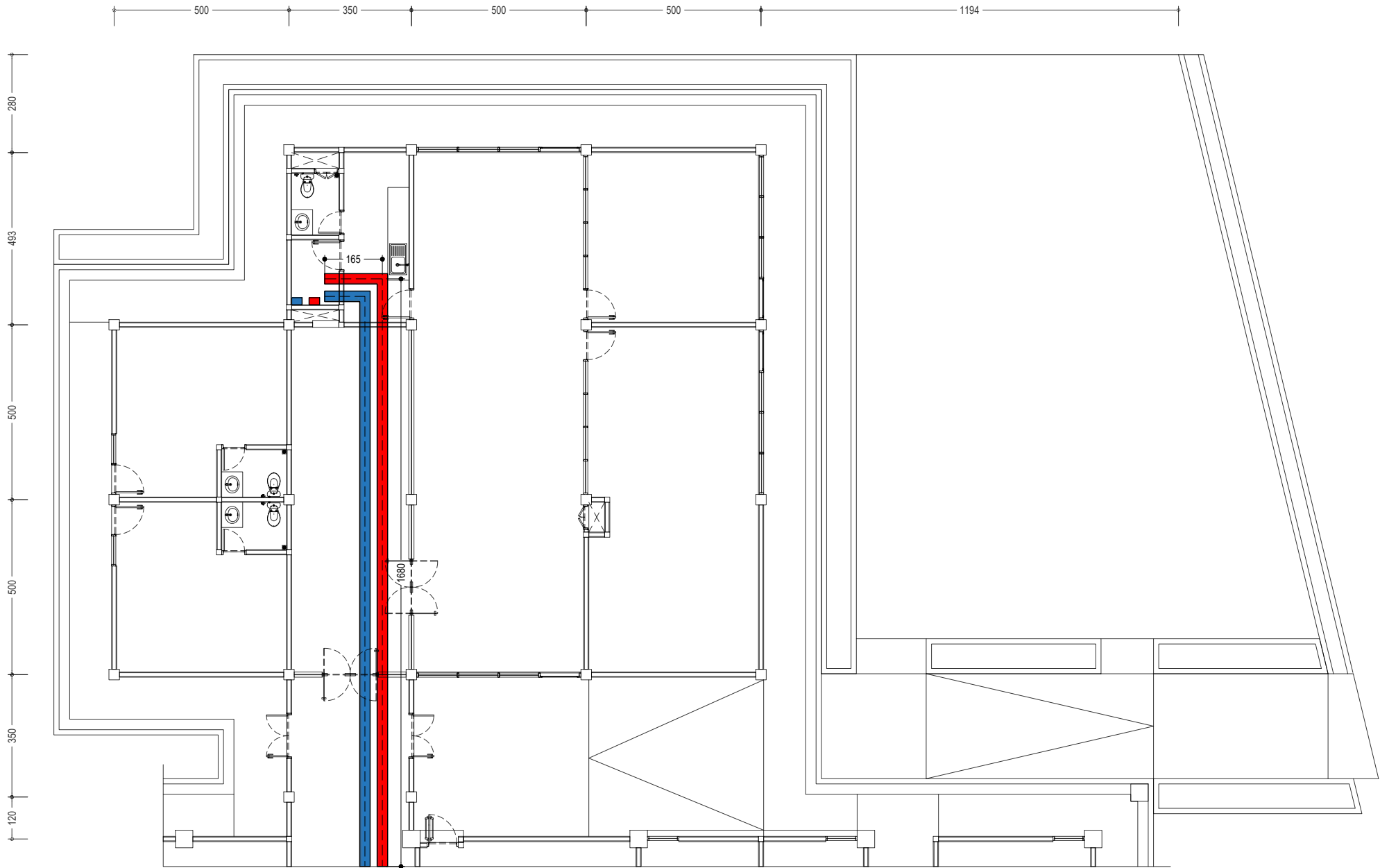
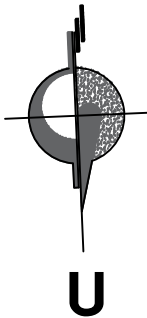
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-021

302

KETERANGAN

- : KABEL TRAY ELEKTRIKAL 300x100 mm
- : KABEL TRAY ELEKTRONIK 300x100 mm



DENAH INST. KABEL TRAY (BANG. ADM)

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. KABEL TRAY (BANG. ADM)	1:150

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-022

302



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 AKSESORIS KABEL TRAY	NTS

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-023

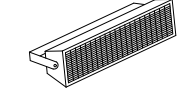
302



CEILING SPEAKER 6W
TANPA SKALA



HORN SPEAKER
TANPA SKALA

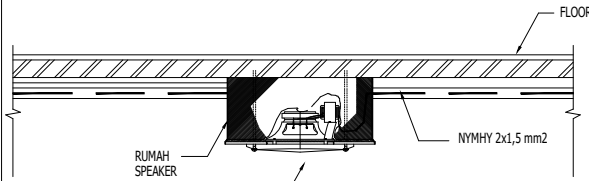


WALL SPEAKER
TANPA SKALA



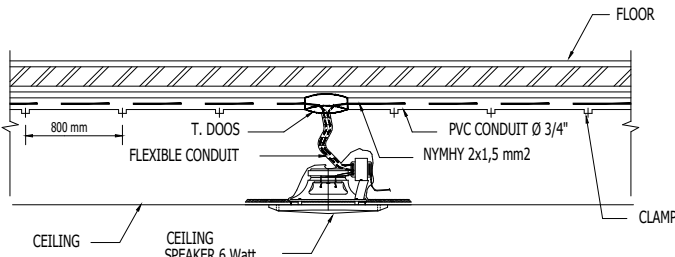
VOLUME CONTROL
TANPA SKALA

TIPE	SIMBOL	KETERANGAN
CEILING SPEAKER		RECESS MOUNTING
HORN SPEAKER		POLE MOUNTING
WALL SPEAKER		WALL MOUNTING
VOLUME CONTROL		VOLUME CONTROL 30 WATT



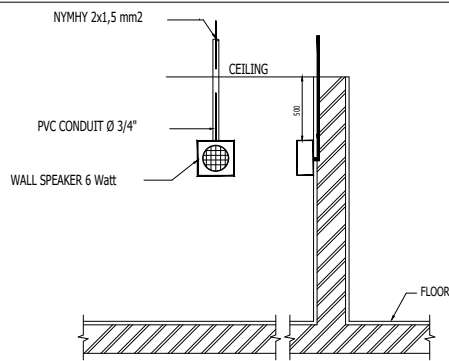
DETAIL INSTALASI CEILING SPEAKER NON PLAFON

SKALA : N.T.S.



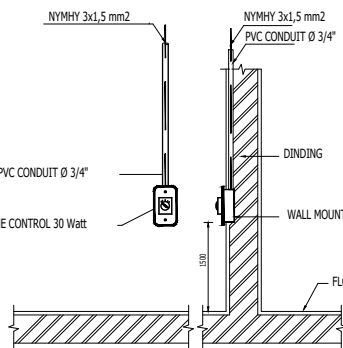
DETAIL INSTALASI CEILING SPEAKER DI PLAFON

SKALA : N.T.S.



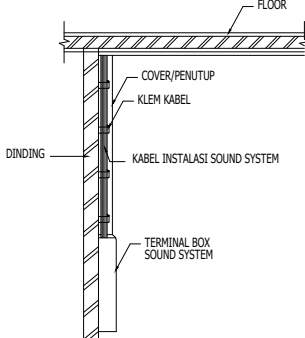
DETAIL INSTALASI WALL SPEAKER

SKALA : N.T.S.



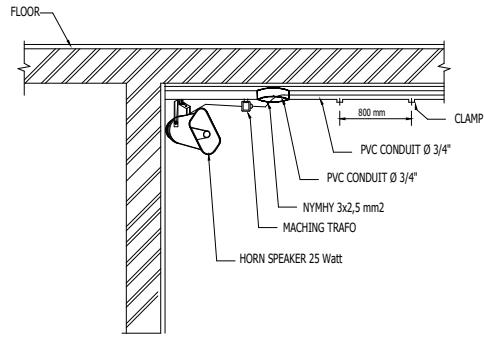
DETAIL INSTALASI VOLUME CONTROL

SKALA : N.T.S.



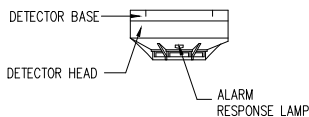
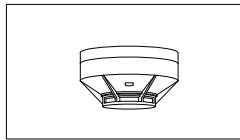
DETAIL INSTALASI TERMINAL BOX
DI ATAS CEILING

SKALA : N.T.S.

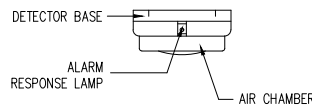
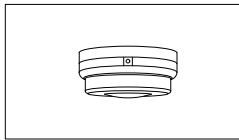


DETAIL INSTALASI PEMASANGAN
HORN SPEAKER DI DALAM GEDUNG

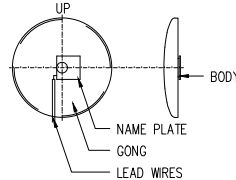
SKALA : N.T.S.



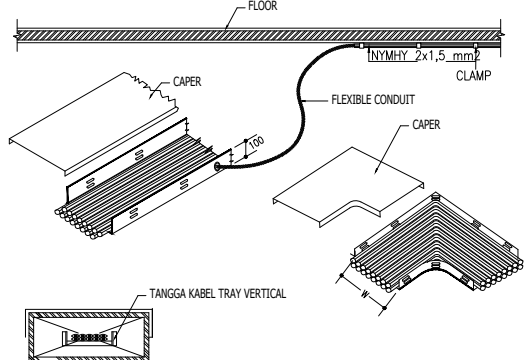
TIPE	SIMBOL	KETERANGAN
SMOKE DETECTOR		PHOTO ELECTRIC



TIPE	SIMBOL	KETERANGAN
HEAT DETECTOR		FIX HEAT DETECTOR

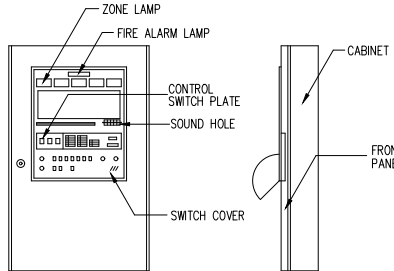


TIPE	SIMBOL	KETERANGAN
ALARM BELL		WALL MOUNTING



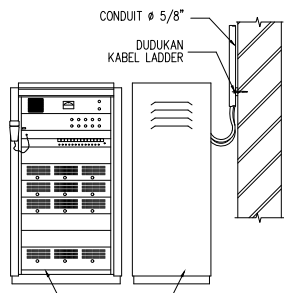
DETAIL KABEL TRAY & TANGGA KABEL DI SHAFT

SKALA : N.T.S.



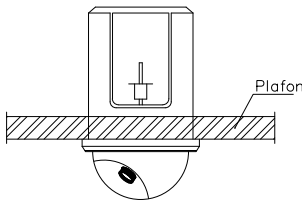
DETAIL MCFA

TANPA SKALA



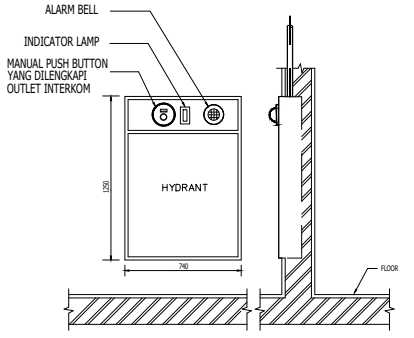
DETAIL RAK TATA SUARA

TANPA SKALA



DETAIL CCTV DOME CAMERA

SKALA : N.T.S.



DETAIL INSTALASI MANUAL PUSH BUTTON,
FLASHER LAMP DAN ALARM BELL DI HYDRANT BOX

SKALA : N.T.S.



DETAIL AKSESORIS KABEL TRAY

SCALE
NTS



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

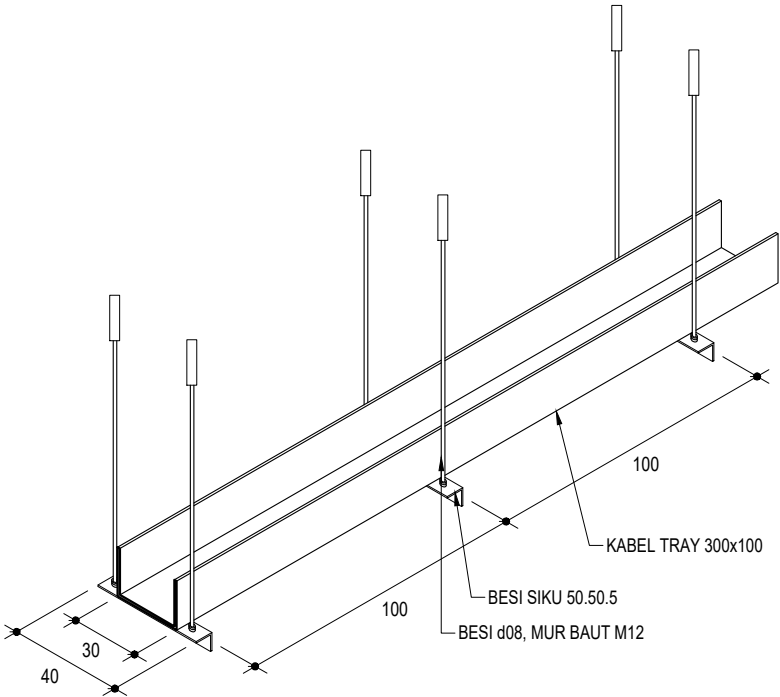
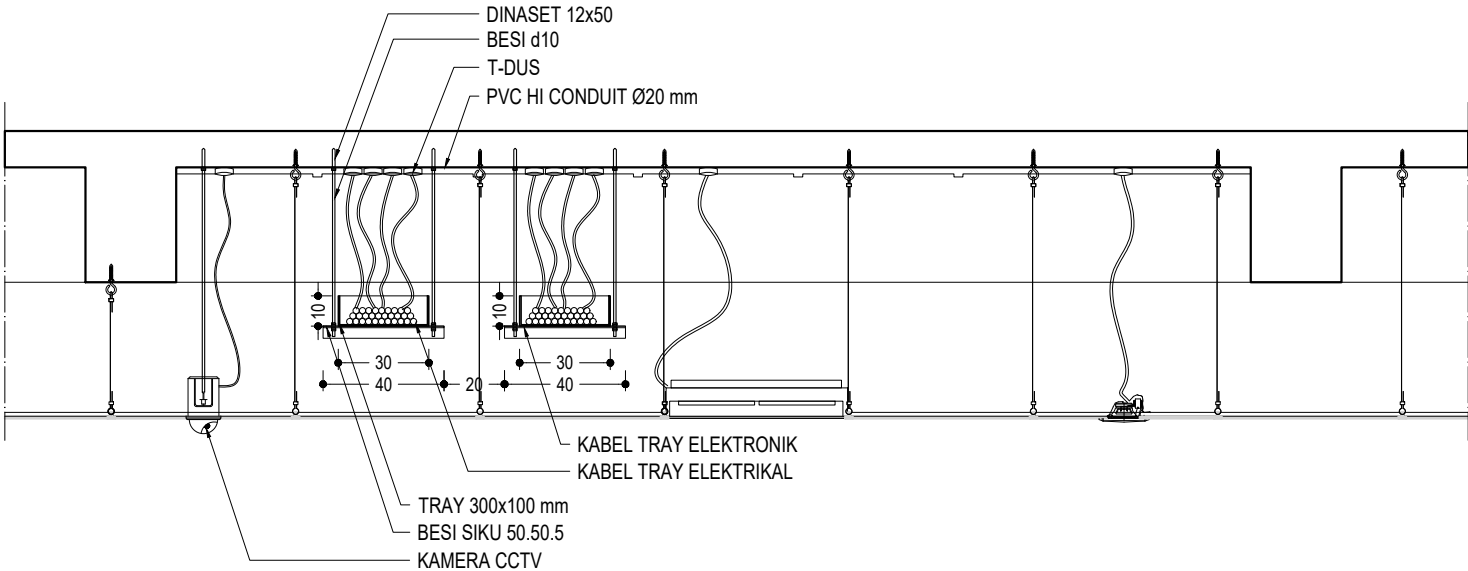
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DETAIL KABEL TRAY	NTS

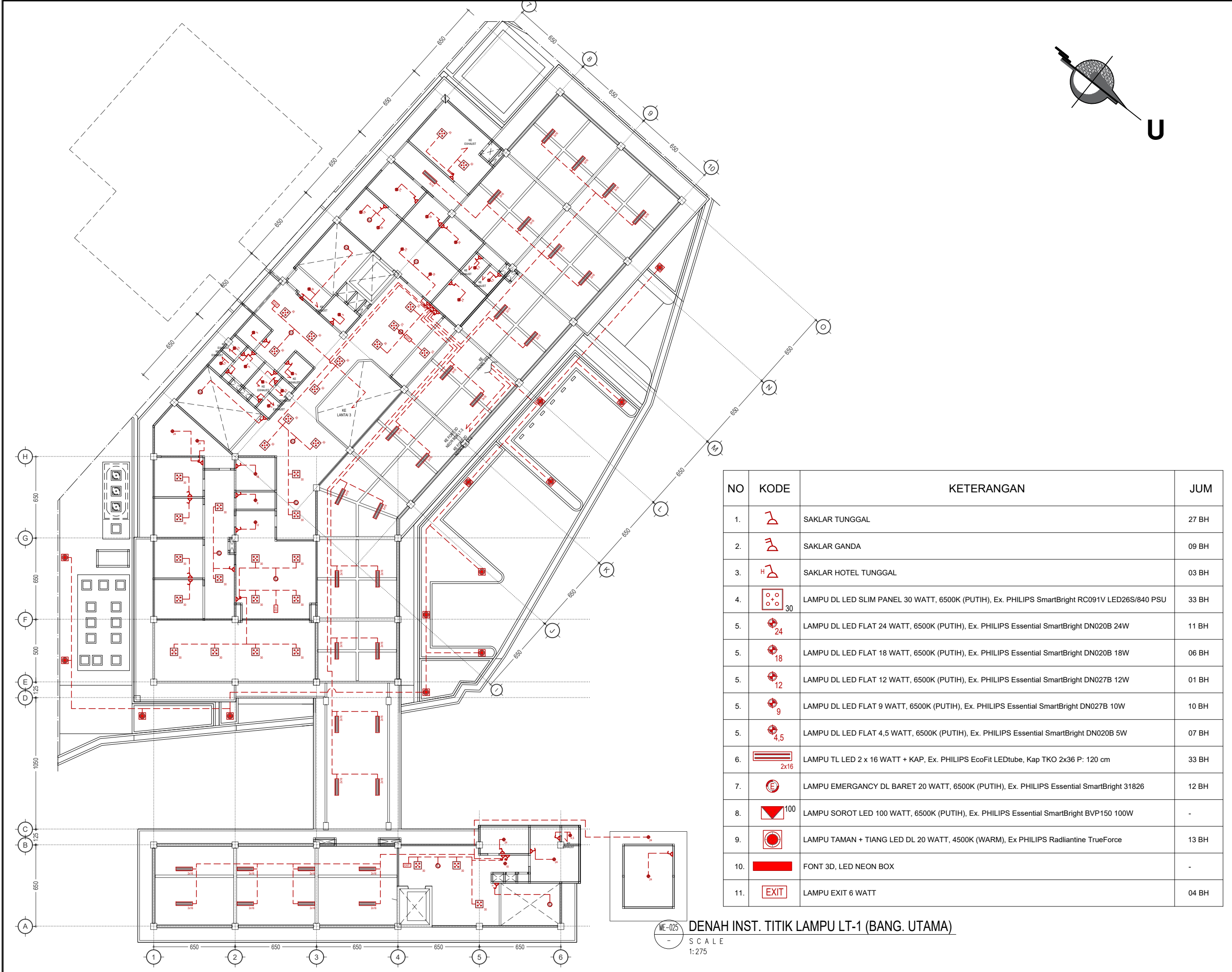
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-024

302



ME-024
DETAIL KABEL TRAY
SCALE
NTS





UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

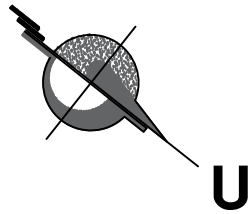
KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. TITIK LAMPU LT-1 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25

NO. GAMBAR	JUM. GAMBAR
ME-025	302



NO	KODE	KETERANGAN	JUM
1.		SAKLAR TUNGGAL	33 BH
2.		SAKLAR GANDA	19 BH
3.		SAKLAR HOTEL TUNGGAL	03 BH
4.	 30	LAMPU DL LED SLIM PANEL 30 WATT, 6500K (PUTIH), Ex. PHILIPS SmartBright RC091V LED26S/840 PSU	78 BH
5.	 24	LAMPU DL LED FLAT 24 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 24W	16 BH
5.	 18	LAMPU DL LED FLAT 18 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 18W	07 BH
5.	 12	LAMPU DL LED FLAT 12 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 12W	05 BH
5.	 9	LAMPU DL LED FLAT 9 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 10W	09 BH
5.	 4,5	LAMPU DL LED FLAT 4,5 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 5W	06 BH
6.	 2x16	LAMPU TL LED 2 x 16 WATT + KAP, Ex. PHILIPS EcoFit LEDtube, Kap TKO 2x36 P: 120 cm	-
7.		LAMPU EMERGENCY DL BARET 20 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright 31826	22 BH
8.	 100	LAMPU SOROT LED 100 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright BVP150 100W	-
9.		LAMPU TAMAN + TIANG LED DL 20 WATT, 4500K (WARM), Ex PHILIPS Radiantine TrueForce	-
10.		FONT 3D, LED NEON BOX	01 BH
11.		LAMPU EXIT 6 WATT	07 BH

ME-026
DENAH INST. TITIK LAMPU LT-2 (BANG. UTAMA)
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. TITIK LAMPU LT-2 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25

NO. GAMBAR	JUM. GAMBAR
------------	-------------

ME-026

302



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

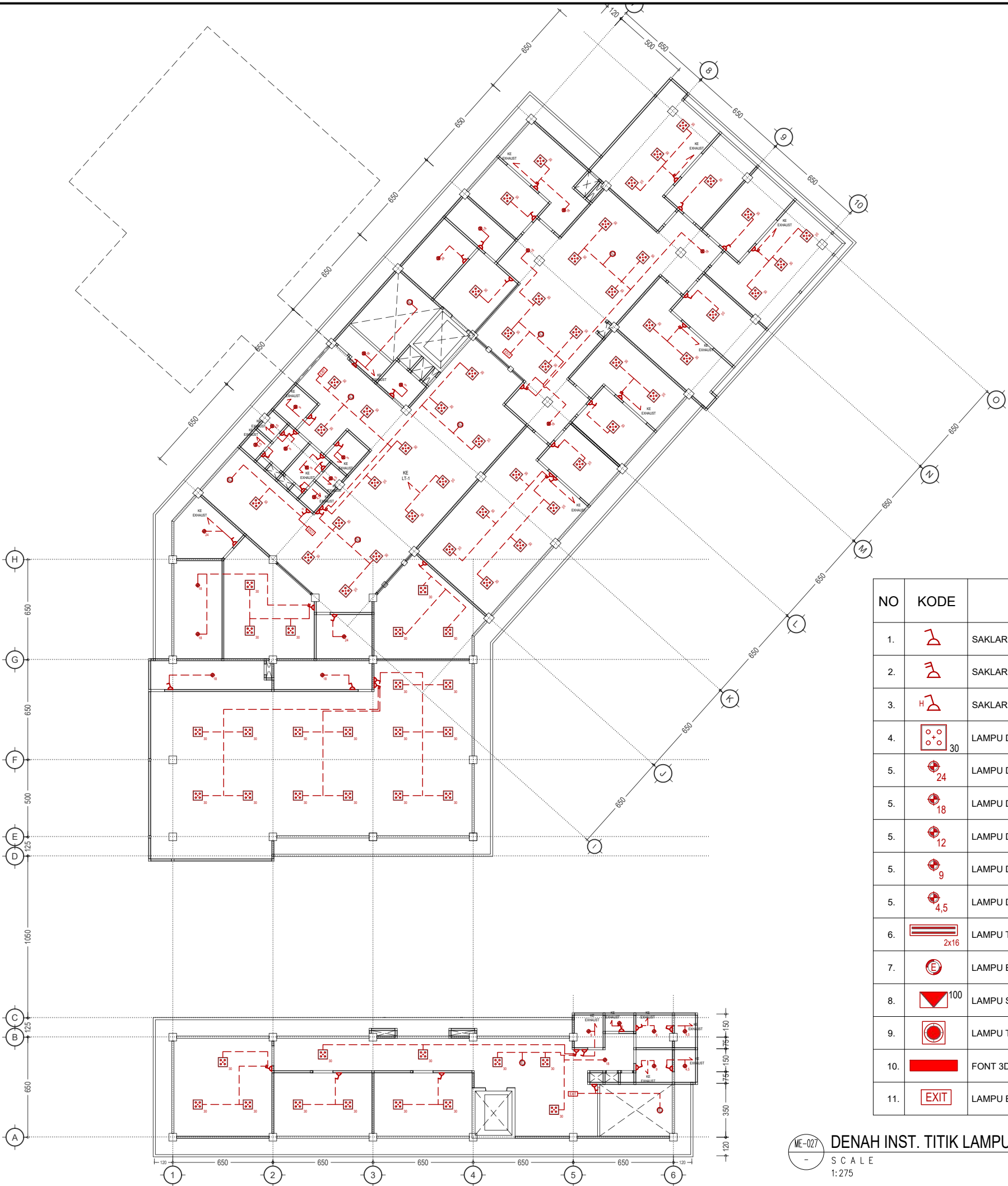
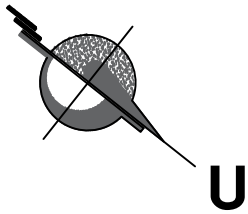
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. TITIK LAMPU LT-3 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

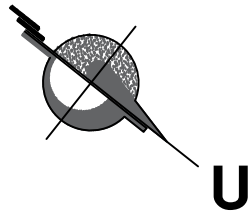
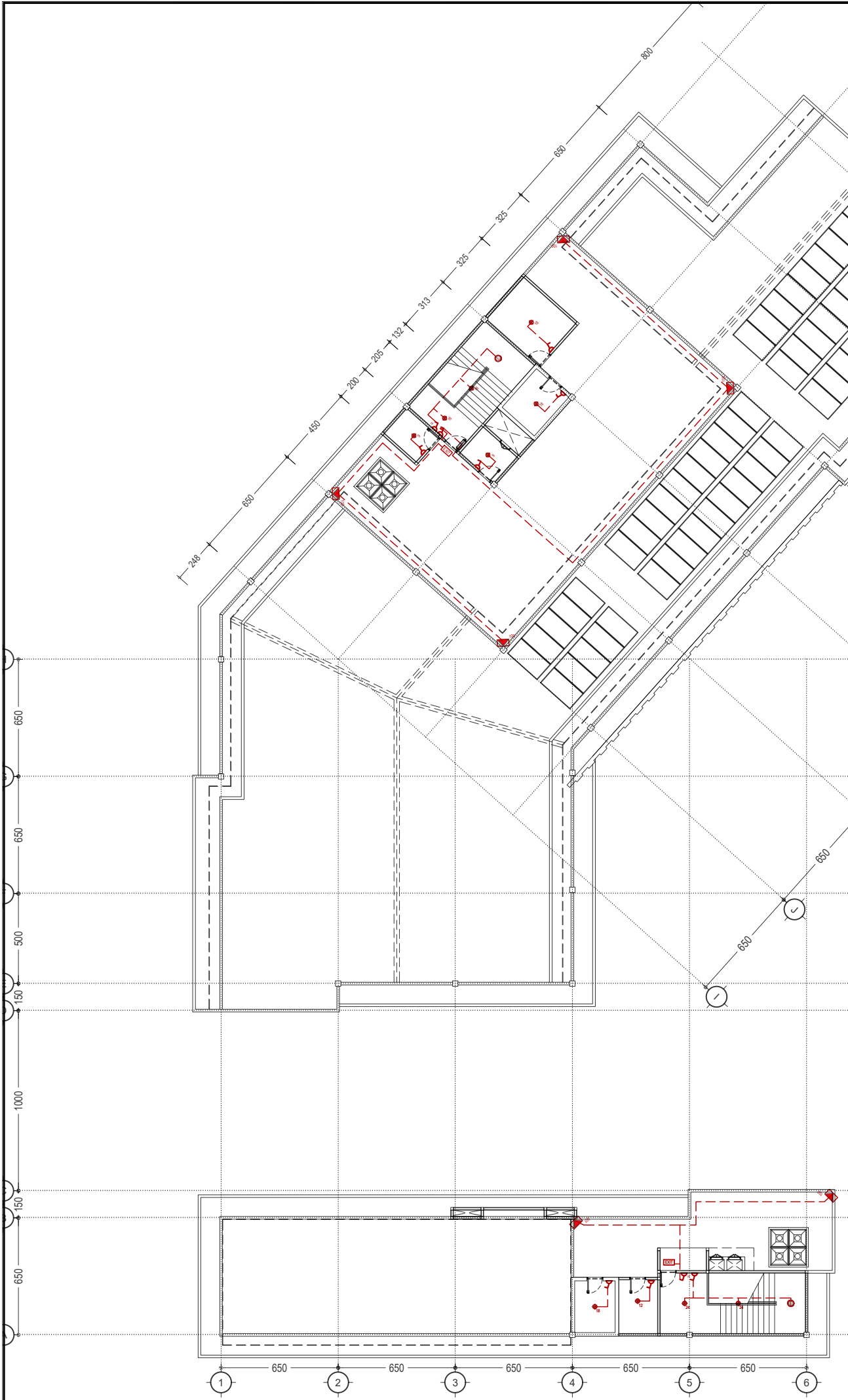
ME-027

302



NO	KODE	KETERANGAN	JUM
1.		SAKLAR TUNGGAL	33 BH
2.		SAKLAR GANDA	12 BH
3.		SAKLAR HOTEL TUNGGAL	03 BH
4.		LAMPU DL LED SLIM PANEL 30 WATT, 6500K (PUTIH), Ex. PHILIPS SmartBright RC091V LED26S/840 PSU	79 BH
5.		LAMPU DL LED FLAT 24 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 24W	03 BH
5.		LAMPU DL LED FLAT 18 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 18W	11 BH
5.		LAMPU DL LED FLAT 12 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 12W	-
5.		LAMPU DL LED FLAT 9 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 10W	09 BH
5.		LAMPU DL LED FLAT 4,5 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 5W	06 BH
6.		LAMPU TL LED 2 x 16 WATT + KAP, Ex. PHILIPS EcoFit LEDtube, Kap TKO 2x36 P: 120 cm	-
7.		LAMPU EMERGENCY DL BARET 20 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright 31826	09 BH
8.		LAMPU SOROT LED 100 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright BVP150 100W	-
9.		LAMPU TAMAN + TIANG LED DL 20 WATT, 4500K (WARM), Ex PHILIPS Radiantine TrueForce	-
10.		FONT 3D, LED NEON BOX	-
11.		LAMPU EXIT 6 WATT	04 BH

ME-027
DENAH INST. TITIK LAMPU LT-3 (BANG. UTAMA)
SCALE
1:275



NO	KODE	KETERANGAN	JUM
1.		SAKLAR TUNGGAL	07 BH
2.		SAKLAR GANDA	01 bh
3.		SAKLAR HOTEL TUNGGAL	02 BH
4.		LAMPU DL LED SLIM PANEL 30 WATT, 6500K (PUTIH), Ex. PHILIPS SmartBright RC091V LED26S/840 PSU	-
5.		LAMPU DL LED FLAT 24 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 24W	02 BH
5.		LAMPU DL LED FLAT 18 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 18W	05 BH
5.		LAMPU DL LED FLAT 12 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 12W	01 BH
5.		LAMPU DL LED FLAT 9 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 10W	02 bh
5.		LAMPU DL LED FLAT 4,5 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 5W	-
6.		LAMPU TL LED 2 x 16 WATT + KAP, Ex. PHILIPS EcoFit LEDtube, Kap TKO 2x36 P: 120 cm	-
7.		LAMPU EMERGENCY DL BARET 20 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright 31826	02 BH
8.		LAMPU SOROT LED 100 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright BVP150 100W	06 BH
9.		LAMPU TAMAN + TIANG LED DL 20 WATT, 4500K (WARM), Ex PHILIPS Radiantine TrueForce	-
10.		FONT 3D, LED NEON BOX	-
11.		LAMPU EXIT 6 WATT	02 BH

ME-028
-
DENAH INST. TITIK LAMPU LT-DAK (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

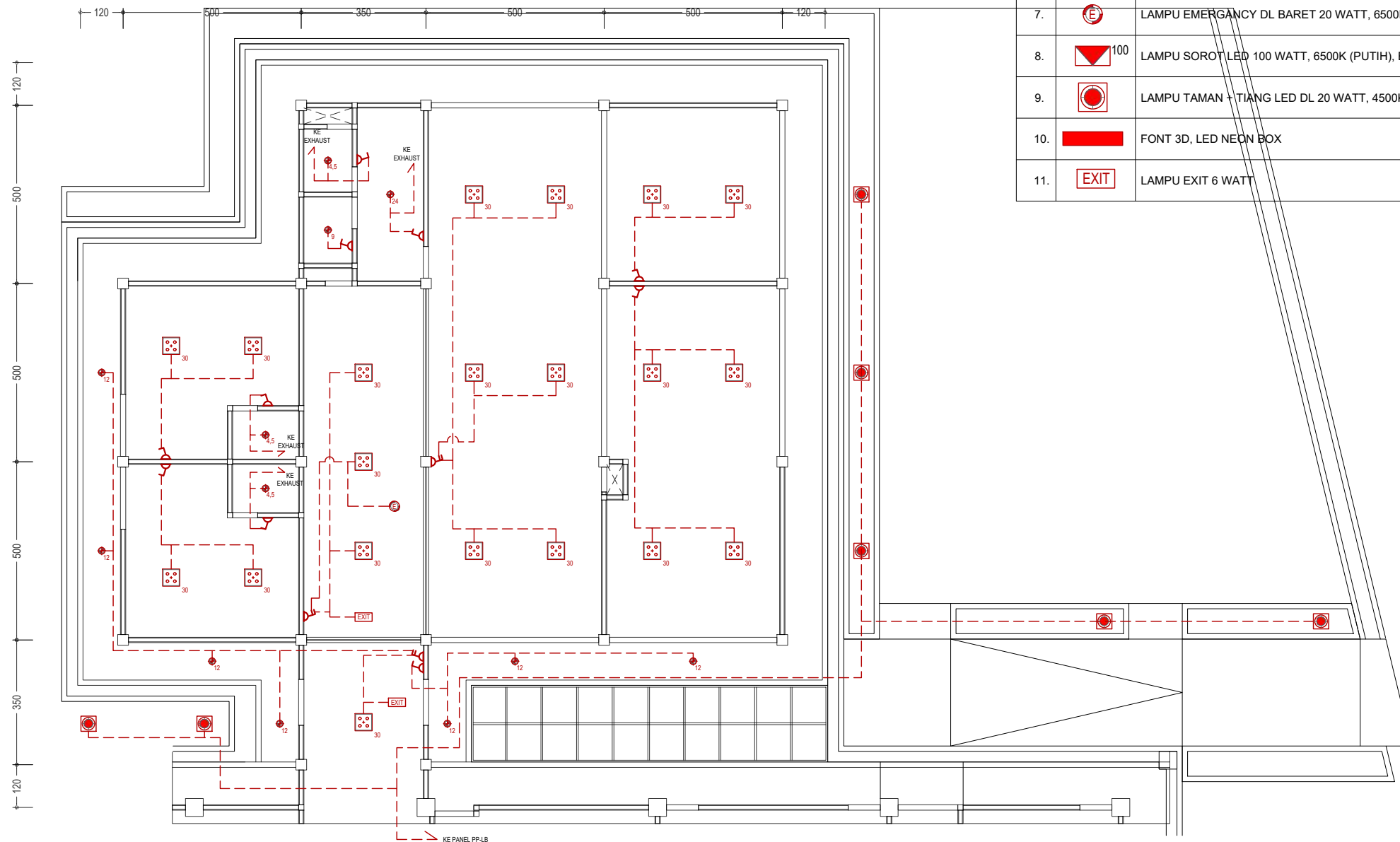
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. TITIK LAMPU LT-DAK (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-028

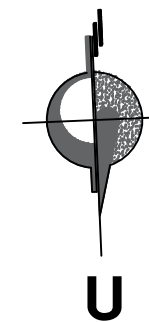
302



NO	KODE	KETERANGAN	JUM
1.		SAKLAR TUNGGAL	11 BH
2.		SAKLAR GANDA	03 BH
3.		SAKLAR HOTEL TUNGGAL	-
4.		LAMPU DL LED SLIM PANEL 30 WATT, 6500K (PUTIH), Ex. PHILIPS SmartBright RC091V LED26S/840 PSU	20 BH
5.		LAMPU DL LED FLAT 24 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 24W	01 BH
5.		LAMPU DL LED FLAT 18 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 18W	-
5.		LAMPU DL LED FLAT 12 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 12W	07 BH
5.		LAMPU DL LED FLAT 9 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 10W	01 BH
5.		LAMPU DL LED FLAT 4,5 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 5W	01 BH
6.		LAMPU TL LED 2 x 16 WATT + KAP, Ex. PHILIPS EcoFit LEDtube, Kap TKO 2x36 P: 120 cm	-
7.		LAMPU EMERGENCY DL BARET 20 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright 31826	01 BH
8.		LAMPU SOROT LED 100 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright BVP150 100W	-
9.		LAMPU TAMAN + TIANG LED DL 20 WATT, 4500K (WARM), Ex PHILIPS Radlantine TrueForce	07 BH
10.		FONT 3D, LED NEON BOX	-
11.		LAMPU EXIT 6 WATT	02 BH

ME-029
-
SCALE
1:150

DENAH INST. TITIK LAMPU (BANG. ADM) LT-1



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

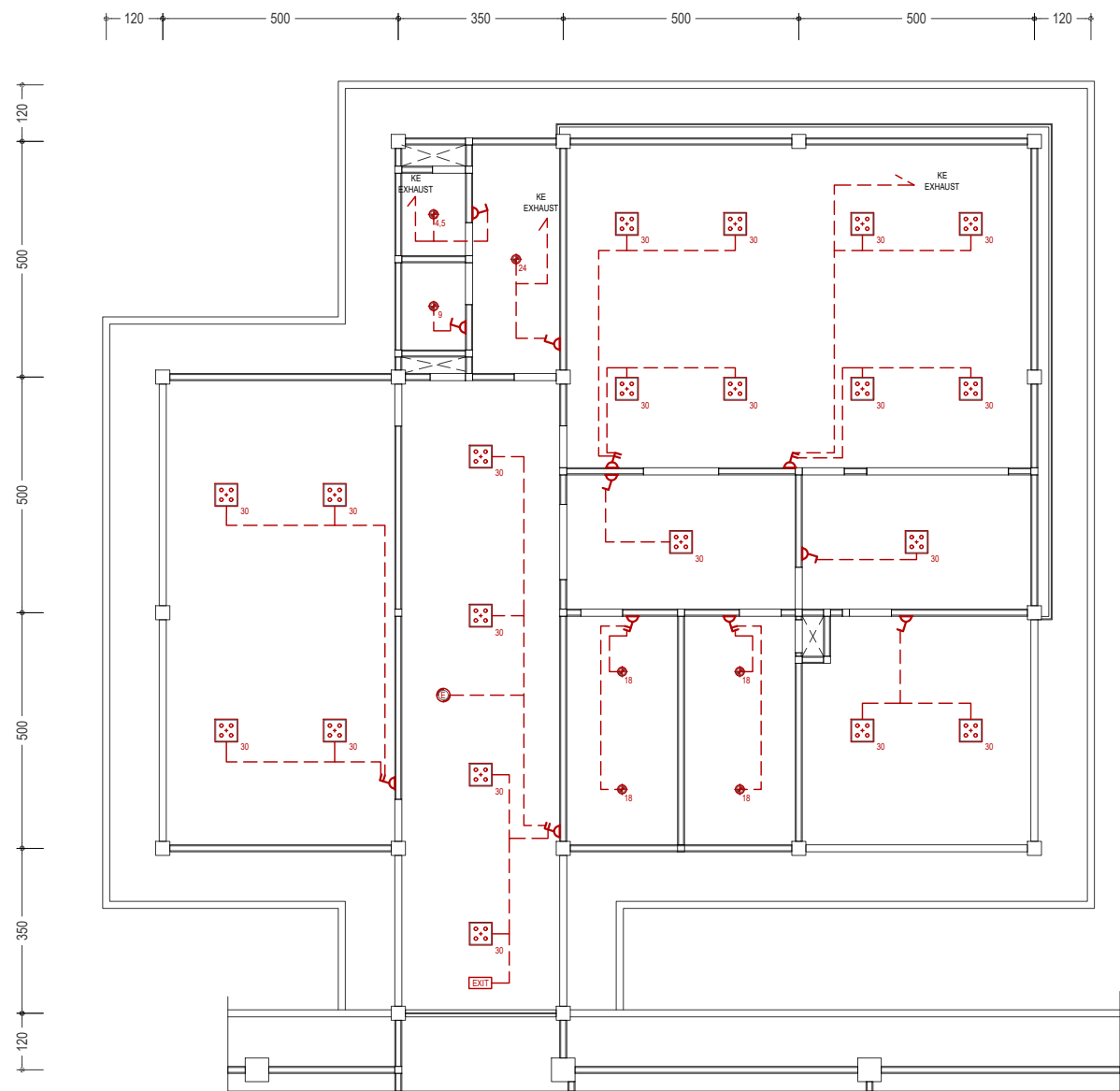
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. TITIK LAMPU (BANG. ADM) LT-1	1:150

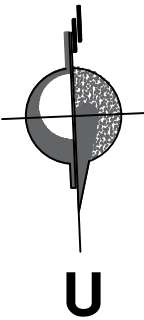
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-029

302



NO	KODE	KETERANGAN	JUM
1.		SAKLAR TUNGGAL	06 BH
2.		SAKLAR GANDA	06 BH
3.		SAKLAR HOTEL TUNGGAL	-
4.		LAMPU DL LED SLIM PANEL 30 WATT, 6500K (PUTIH), Ex. PHILIPS SmartBright RC091V LED26S/840 PSU	20 BH
5.		LAMPU DL LED FLAT 24 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 24W	01 BH
5.		LAMPU DL LED FLAT 18 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 18W	04 BH
5.		LAMPU DL LED FLAT 12 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 12W	-
5.		LAMPU DL LED FLAT 9 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN027B 10W	01 BH
5.		LAMPU DL LED FLAT 4,5 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright DN020B 5W	01 BH
6.		LAMPU TL LED 2 x 16 WATT + KAP, Ex. PHILIPS EcoFit LEDtube, Kap TKO 2x36 P: 120 cm	-
7.		LAMPU EMERGANCY DL BARET 20 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright 31826	01 BH
8.		LAMPU SOROT LED 100 WATT, 6500K (PUTIH), Ex. PHILIPS Essential SmartBright BVP150 100W	-
9.		LAMPU TAMAN + TIANG LED DL 20 WATT, 4500K (WARM), Ex PHILIPS Radliantine TrueForce	-
10.		FONT 3D, LED NEON BOX	-
11.		LAMPU EXIT 6 WATT	01 BH



DENAH INST. TITIK LAMPU (BANG. ADM) LT-2
S C A L E
1:150



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

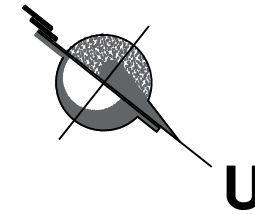
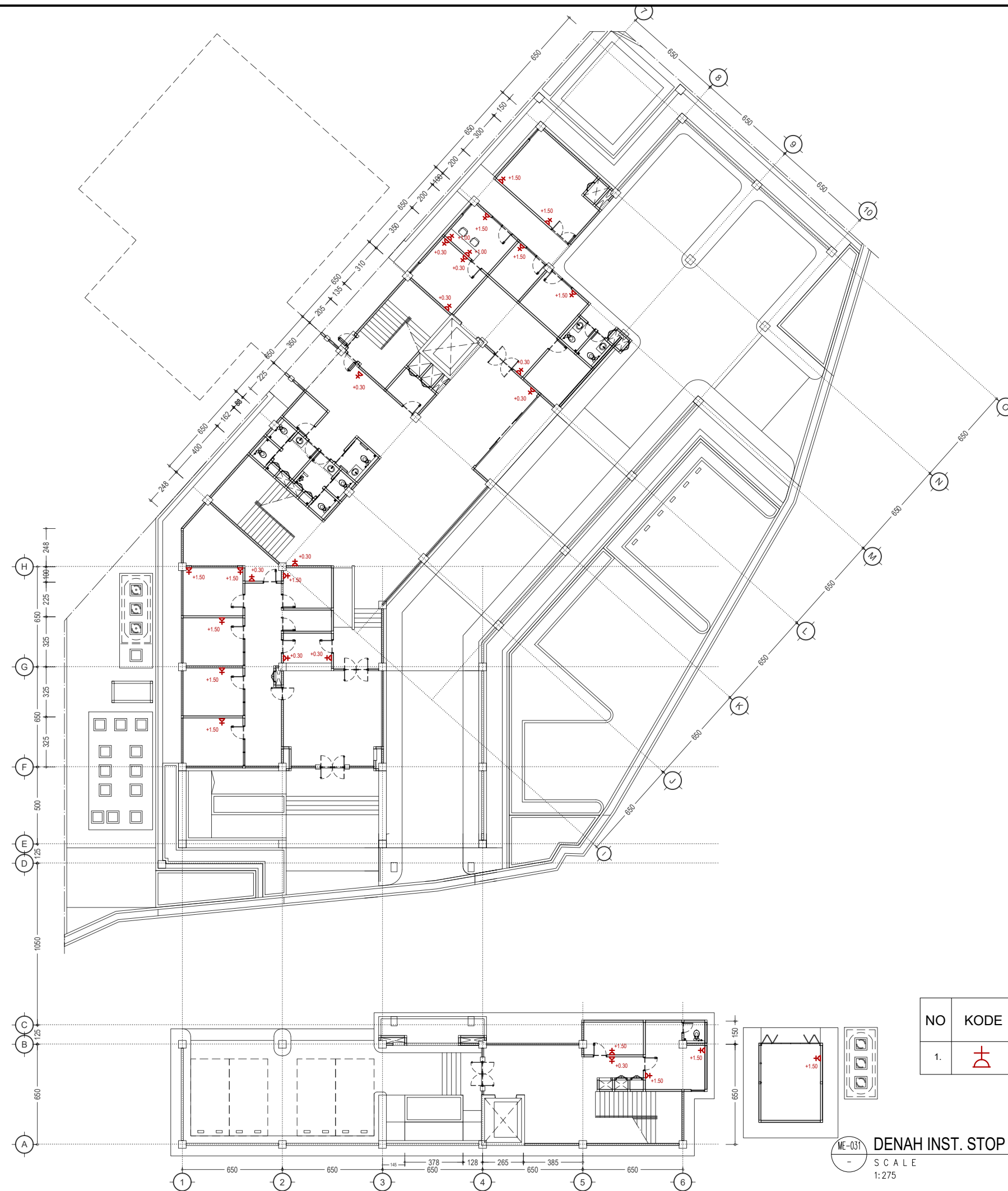
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. TITIK LAMPU (BANG. ADM) LT-2	1:150

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-030

302



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. STOP KONTAK LT-1 (BANG. UTAMA)	1:275

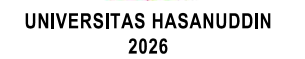
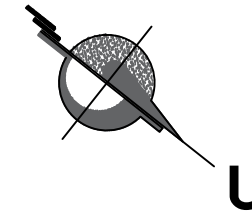
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-031	302
--------	-----

NO	KODE	KETERANGAN	JUM
1.	⚡	STOP KONTAK	29 BH

ME-031
-

DENAH INST. STOP KONTAK LT-1 (BANG. UTAMA)
SCALE
1:275



PROYEK

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

DIPERIKSA

DIKETAHUI

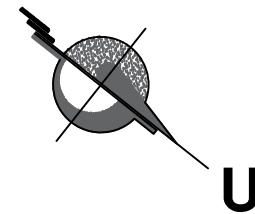
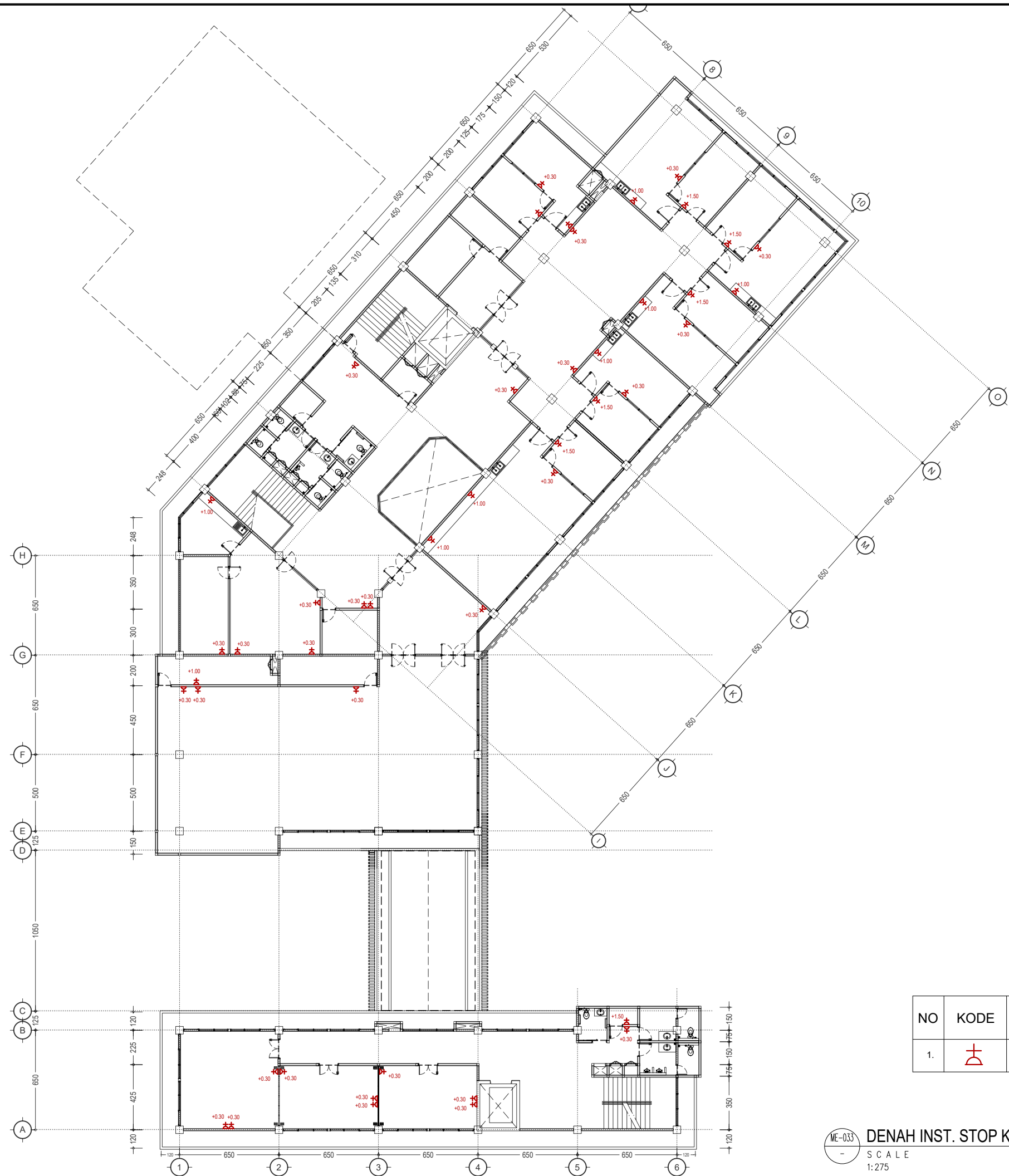
DISETUJUI

KONSULTAN PERENCANA

GAMBAR	SKALA
DENAH INST. STOP KONTAK LT-2 (BANG. UTAMA)	1:275

ME-032	302
--------	------------

ME-032 DENAH INST. STOP KONTAK LT-2 (BANG. UTAMA)
SCALE
1:275



NO	KODE	KETERANGAN	JUM
1.	⚡	STOP KONTAK	46 BH

ME-033
-
DENAH INST. STOP KONTAK LT-3 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

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

DIPERIKSA

DIKETAHUI

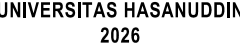
DISETUJUI

KONSULTAN PERENCANA		
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. STOP KONTAK LT-3 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-033
302



PROYEK

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

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

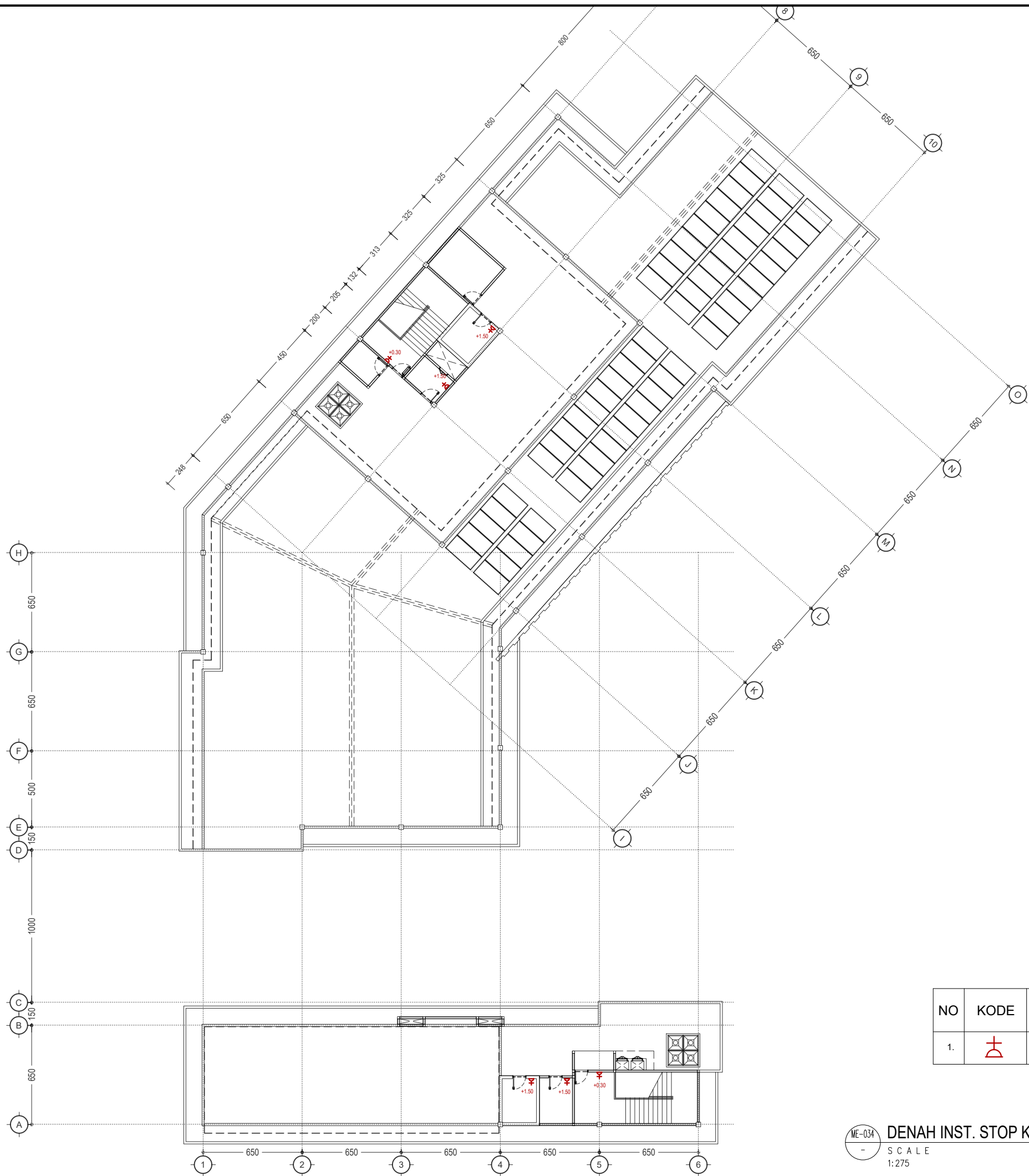
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
ENAH INST. STOP KONTAK LT-DAK (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-034

302

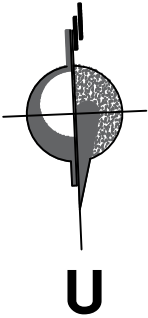


NO	KODE	KETERANGAN	JUM
1.		STOP KONTAK	06 BH

ME-034 DENAH INST. STOP KONTAK LT-DAK (BANG. UTAMA)
 - S C A L E
 1:275

NO	KODE	KETERANGAN	JUM
1.		STOP KONTAK	18 BH

NO	KODE	KETERANGAN	JUM
1.		STOP KONTAK	17 BH



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

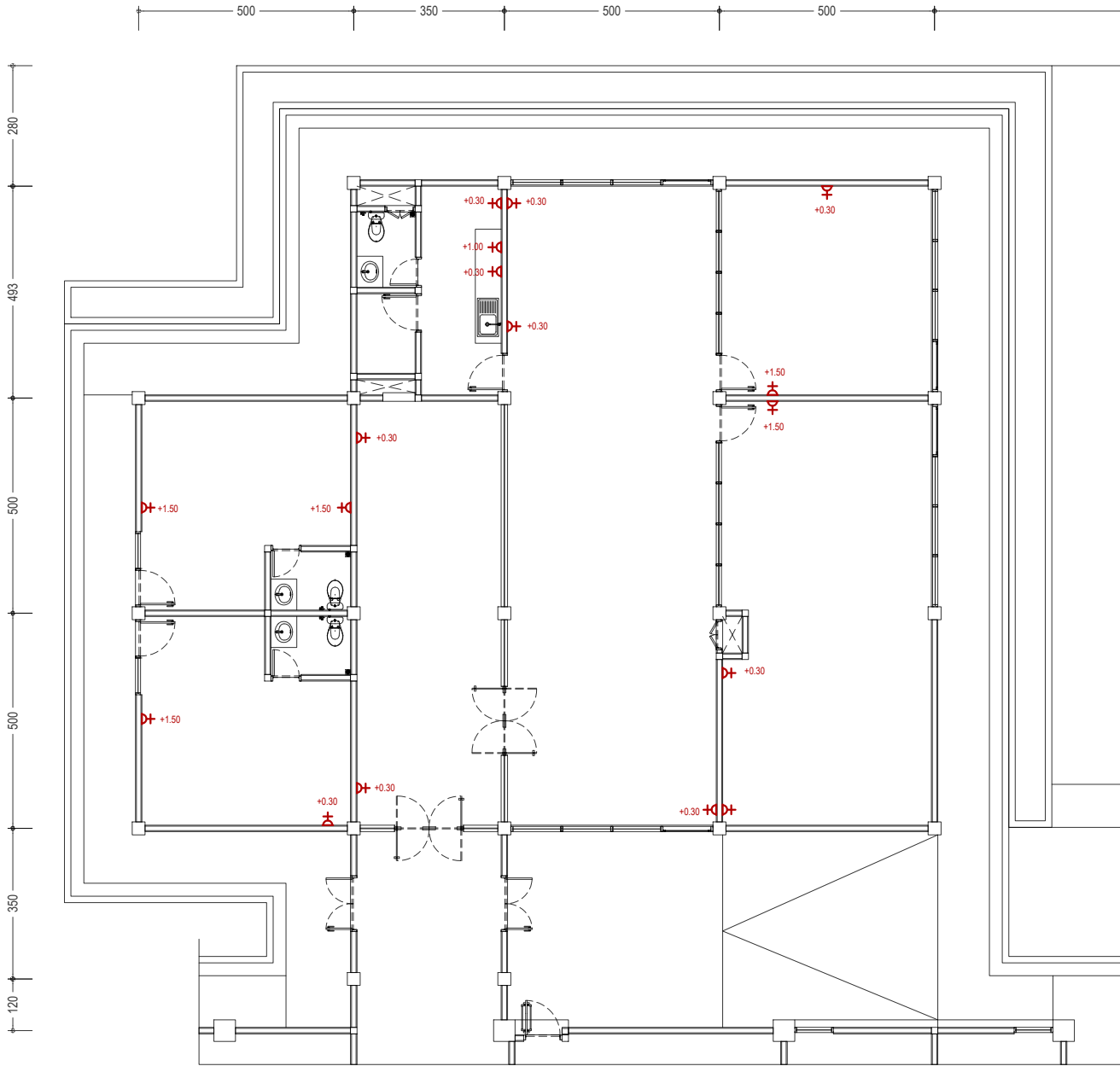
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. STOP KONTAK (BANG. ADM)	1:150

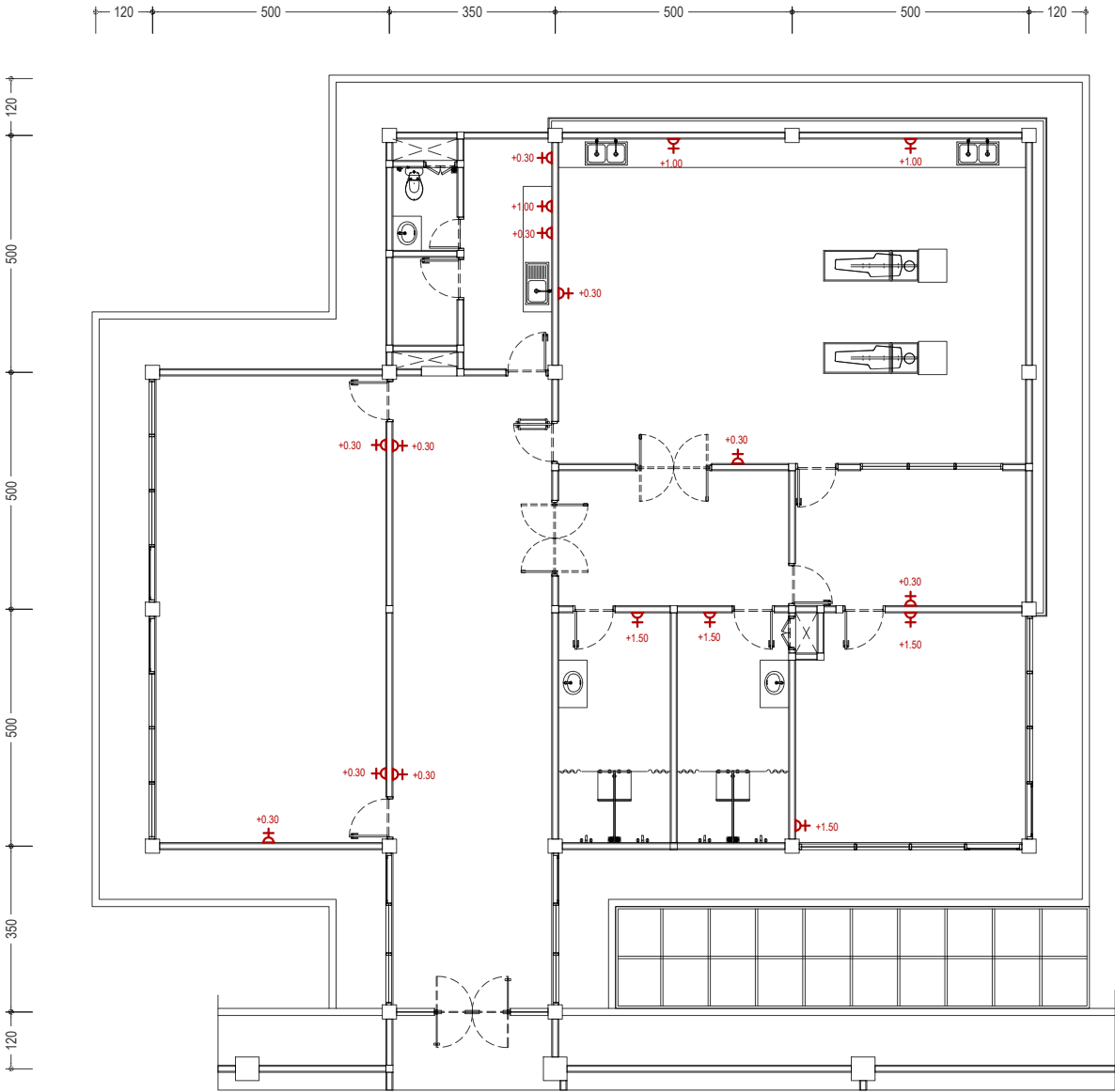
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-035

302



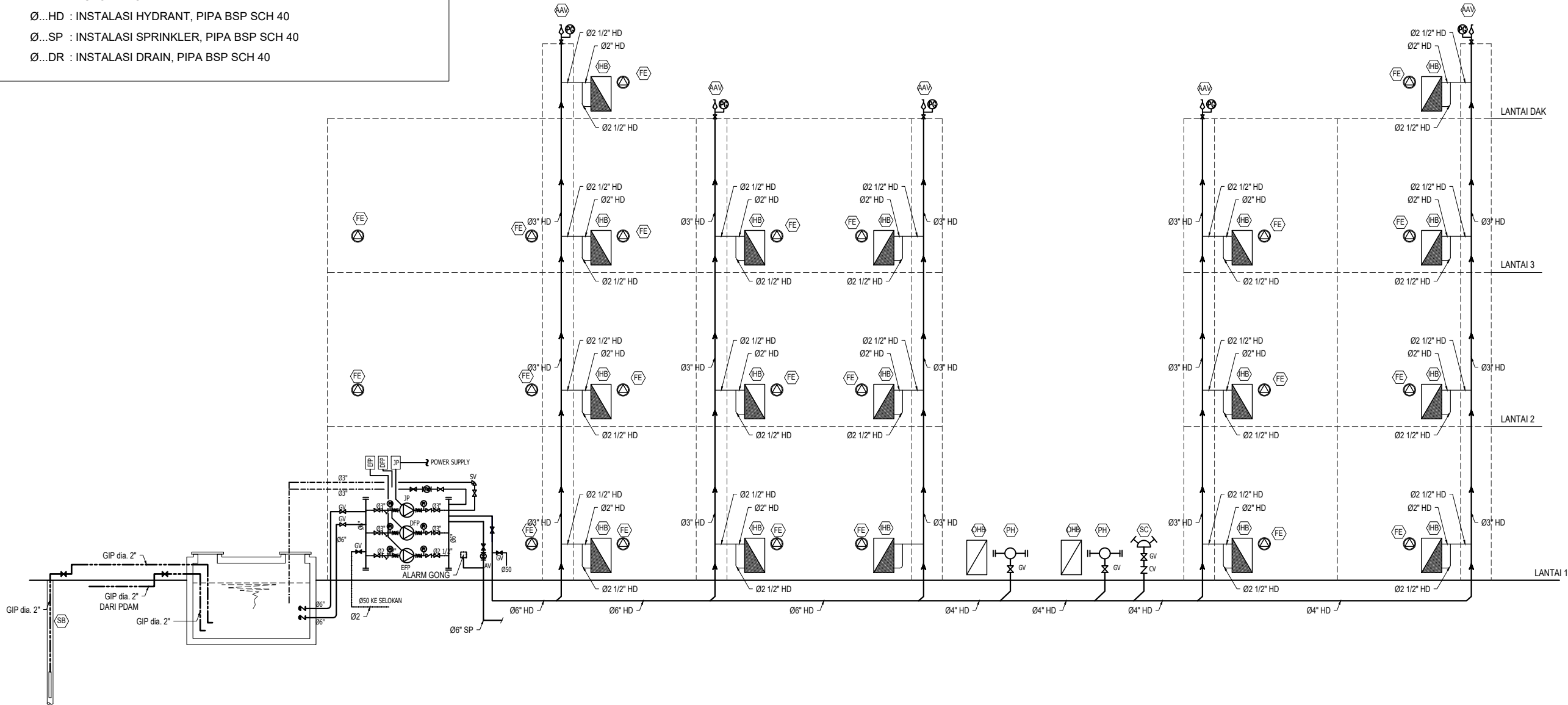
ME-035
-
SCALE
1:150
DENAH INST. STOP KONTAK (BANG. ADM) LT-1



ME-035
-
SCALE
1:150
DENAH INST. STOP KONTAK (BANG. ADM) LT-2

KETERANGAN

- P-DFP : PANEL DIESEL FIRE PUMP
P-EFP : PANEL ELECTRIC FIRE PUMP
P-JFP : PANEL JOCKEY FIRE PUMP
DFP : DIESEL FIRE PUMP
EFP : ELECTRIC FIRE PUMP
JFP : JOCKEY FIRE PUMP
IHB : INDOOR HYDRANT BOX
OHB : OUTDOOR HYDRANT BOX
PH : PILAR HYDRANT
SC : SIEMESE CONNECTOR
FE : FIRE EXTINGUISHER / APAR (ALAT PEMADAM API RINGAN 3 KG
AAV : AUTOMATIC AIR VENT
Ø...HD : INSTALASI HYDRANT, PIPA BSP SCH 40
Ø...SP : INSTALASI SPRINKLER, PIPA BSP SCH 40
Ø...DR : INSTALASI DRAIN, PIPA BSP SCH 40



ME-036
-
DIAGRAM GARIS HYDRANT (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 HYDRANT (BANG. UTAMA)	NTS

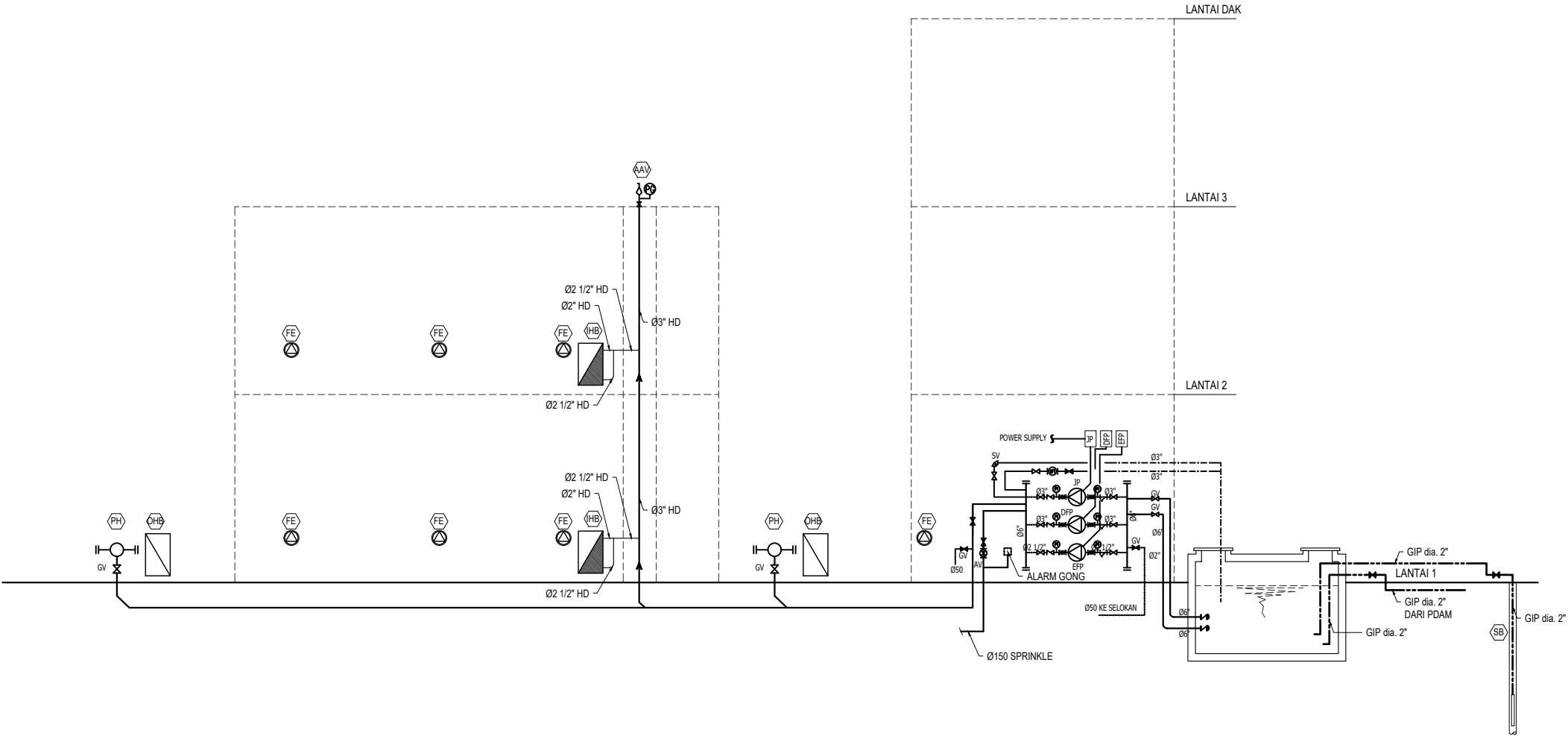
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-036

302

KETERANGAN

- P-DFP : PANEL DIESEL FIRE PUMP
P-EFP : PANEL ELECTRIC FIRE PUMP
P-JFP : PANEL JOCKEY FIRE PUMP
DFP : DIESEL FIRE PUMP
EFP : ELECTRIC FIRE PUMP
JFP : JOCKEY FIRE PUMP
IHB : INDOOR HYDRANT BOX
OHB : OUTDOOR HYDRANT BOX
PH : PILAR HYDRANT
SC : SIEMESE CONNECTOR
FE : FIRE EXTINGUISHER / APAR (ALAT PEMADAM API RINGAN 3 KG
AAV : AUTOMATIC AIR VENT
Ø...HD : INSTALASI HYDRANT, PIPA BSP SCH 40
Ø...SP : INSTALASI SPRINKLER, PIPA BSP SCH 40
Ø...DR : INSTALASI DRAIN, PIPA BSP SCH 40



ME-037
-
S C A L E
N T S
DIAGRAM GARIS HYDRANT (BANG. ADMINISTRASI)



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

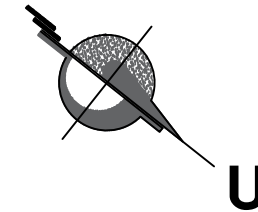
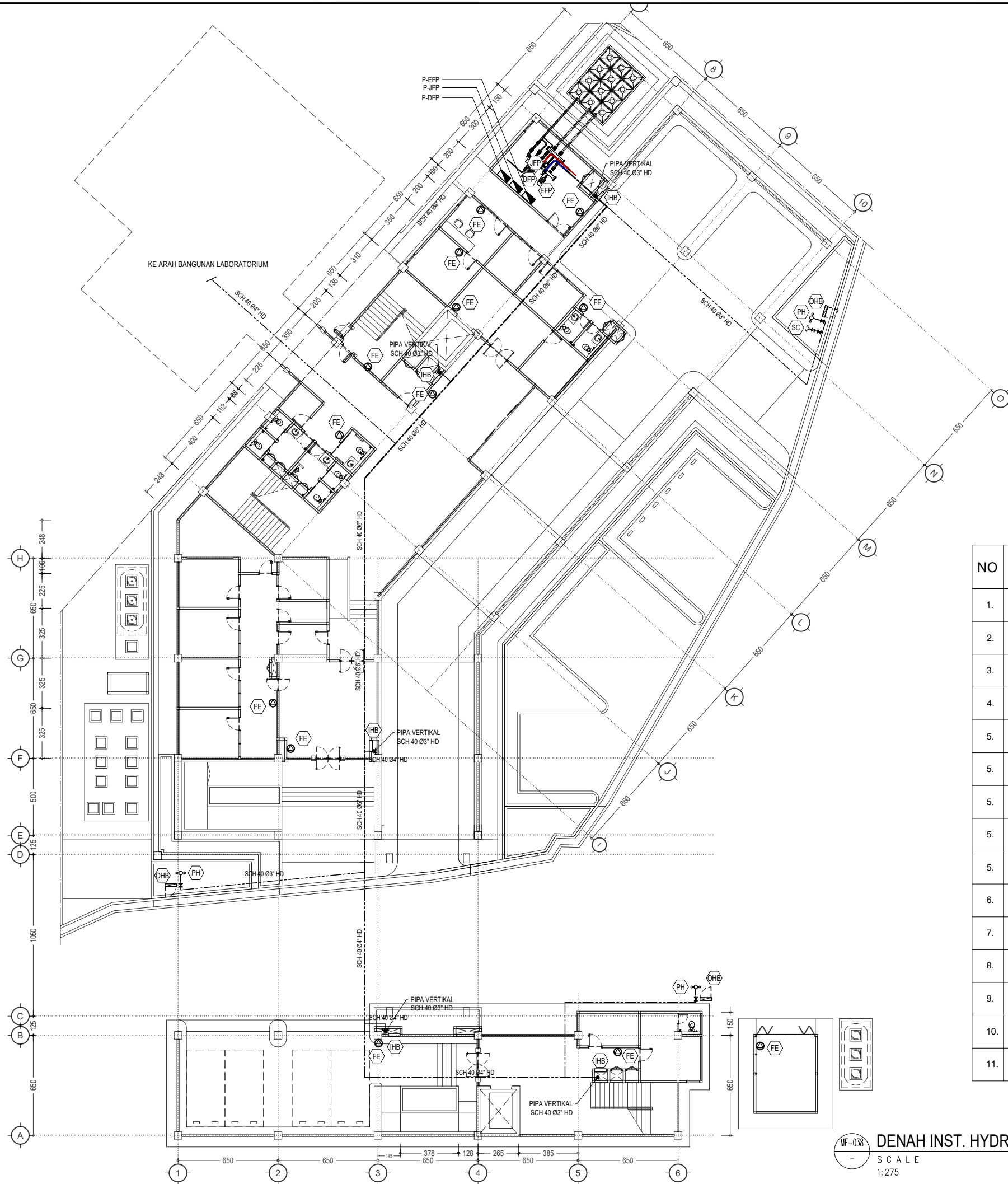
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DIAGRAM GARIS HYDRANT (BANG. ADMINISTRASI)	NTS

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-037

302



NO	KODE	KETERANGAN	JUM
1.	P-EFP	PANEL ELECTRIC FIRE PUMP	01 BH
2.	P-JFP	PANEL JOCKEY FIRE PUMP	01 BH
3.	P-DFP	PANEL DIESEL FIRE PUMP	01 BH
4.	EFP	ELECTRIC FIRE PUMP	01 BH
5.	JFP	JOCKEY FIRE PUMP	01 BH
5.	DFP	DIESEL FIRE PUMP	01 BH
5.	IHB	INDOOR HYDRANT BOX	05 BH
5.	OHB	OUTDOOR HYDRANT BOX	03 BH
5.	PH	PILAR HYDRANT	03 BH
6.	SC	SIEMESE CONNECTOR	01 BH
7.	FE	FIRE EXTINGUISHER / APAR (ALAT PEMADAM API RINGAN 3 KG)	14 BH
8.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
9.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
10.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
11.	Gate Valve	GATE VALVE	-

ME-038
-
DENAH INST. HYDRANT LT-1 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

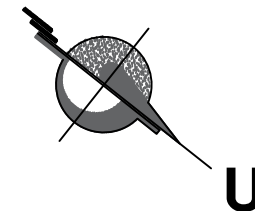
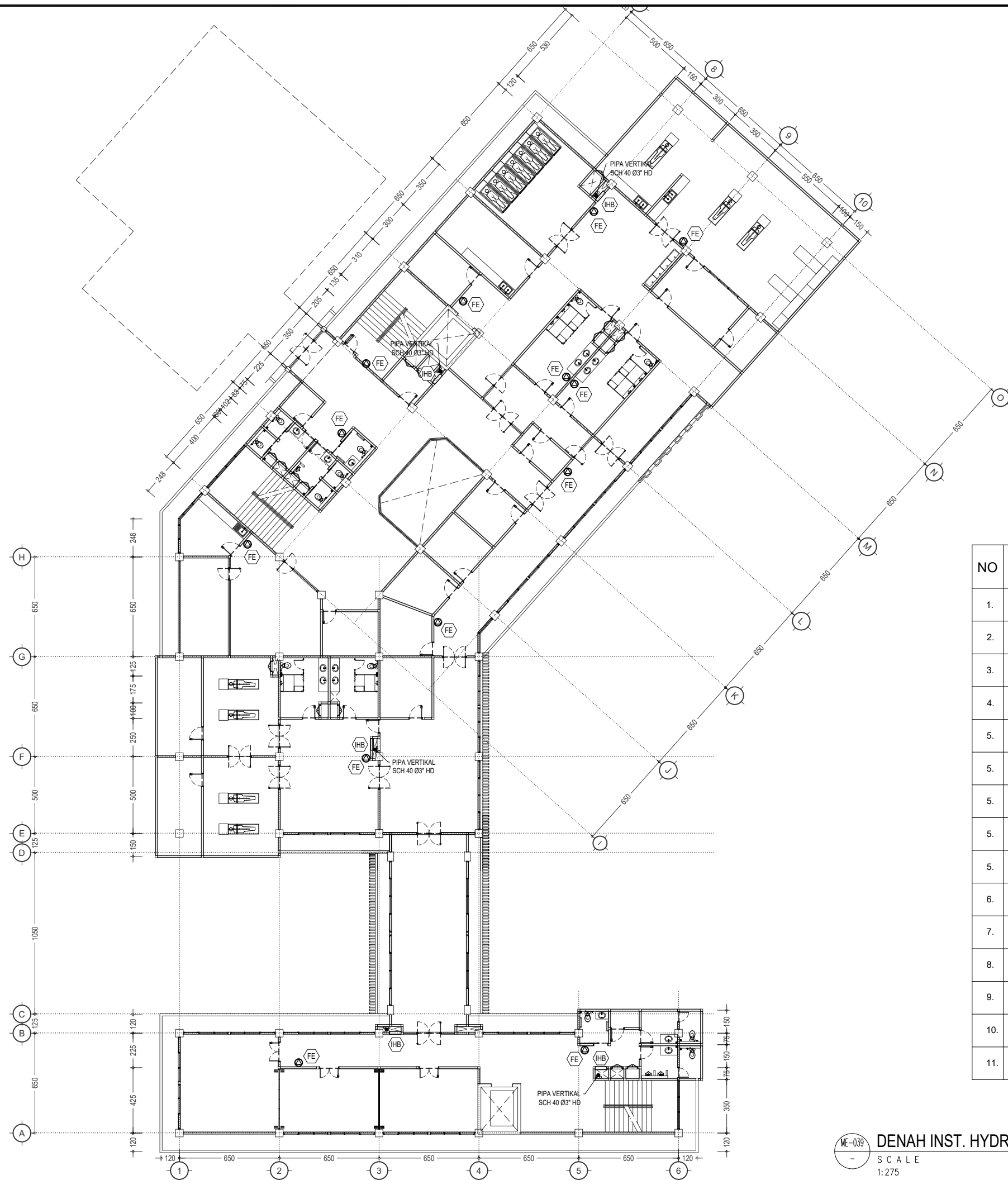
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. HYDRANT LT-1 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-038

302



NO	KODE	KETERANGAN	JUM
1.	P.EFP	PANEL ELECTRIC FIRE PUMP	-
2.	P.JFP	PANEL JOCKEY FIRE PUMP	-
3.	P.DFP	PANEL DIESEL FIRE PUMP	-
4.	EFP	ELECTRIC FIRE PUMP	-
5.	JFP	JOCKEY FIRE PUMP	-
5.	DFP	DIESEL FIRE PUMP	-
5.	IHB	INDOOR HYDRANT BOX	05 BH
5.	OHB	OUTDOOR HYDRANT BOX	-
5.	PH	PILAR HYDRANT	-
6.	SC	SIEMESE CONNECTOR	-
7.	FE	FIRE EXTINGUISHER / APAR (ALAT PEMADAM API RINGAN 3 KG	13 BH
8.	$\emptyset$...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
9.	$\emptyset$...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
10.	$\emptyset$...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
11.		GATE VALVE	-

ME-039
-
DENAH INST. HYDRANT LT-2 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

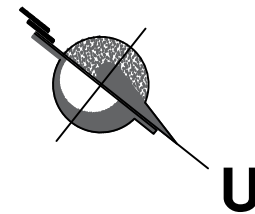
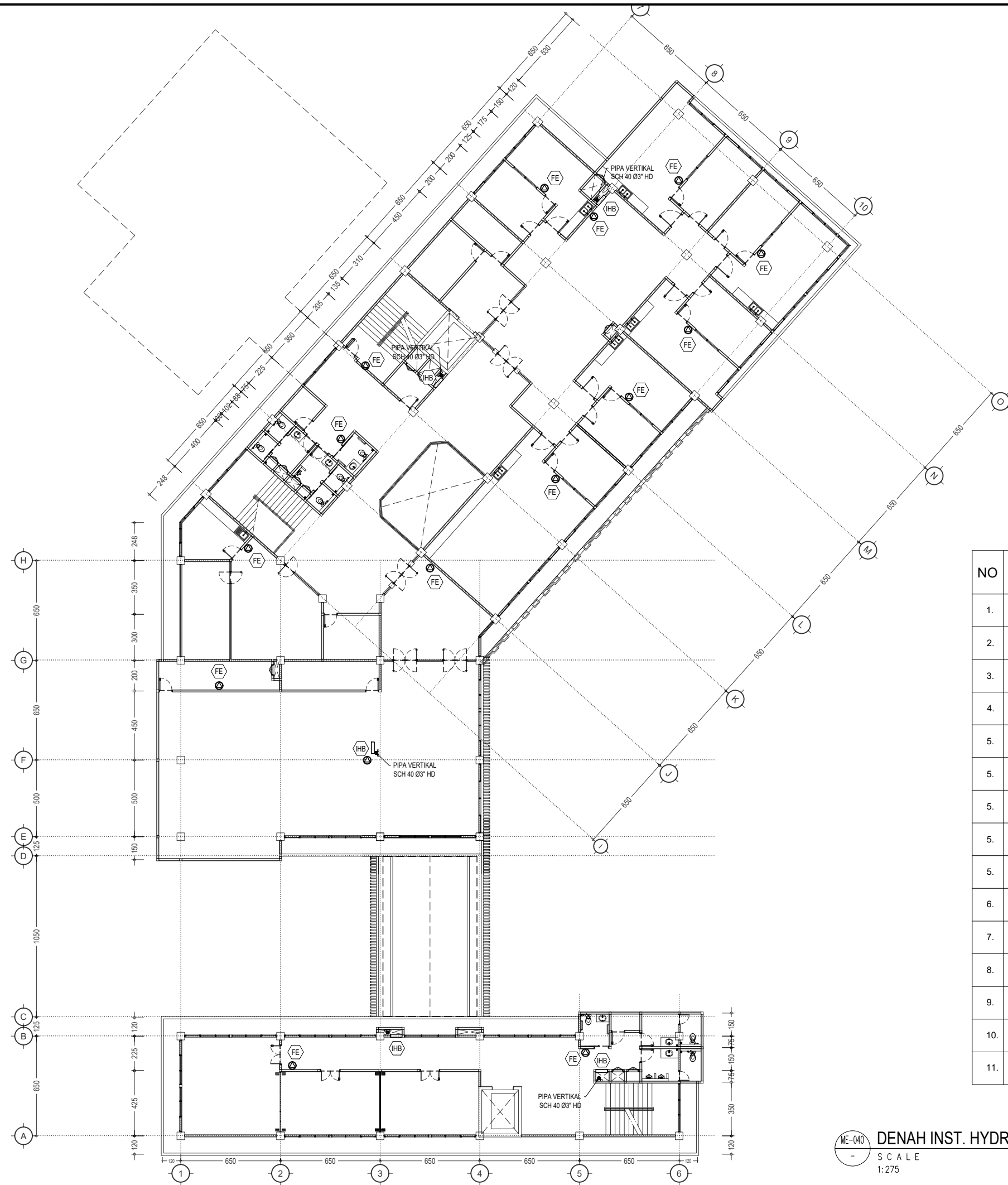
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. HYDRANT LT-2 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-039

302



NO	KODE	KETERANGAN	JUM
1.	P-EFP	PANEL ELECTRIC FIRE PUMP	-
2.	P-JFP	PANEL JOCKEY FIRE PUMP	-
3.	P-DFP	PANEL DIESEL FIRE PUMP	-
4.	EFP	ELECTRIC FIRE PUMP	-
5.	JFP	JOCKEY FIRE PUMP	-
5.	DFP	DIESEL FIRE PUMP	-
5.	IHB	INDOOR HYDRANT BOX	05 BH
5.	OHB	OUTDOOR HYDRANT BOX	-
5.	PH	PILAR HYDRANT	-
6.	SC	SIEMESE CONNECTOR	-
7.	FE	FIRE EXTINGUISHER / APAR (ALAT PEMADAM API RINGAN 3 KG	15 BH
8.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
9.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
10.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
11.		GATE VALVE	-

ME-040
-
DENAH INST. HYDRANT LT-3 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

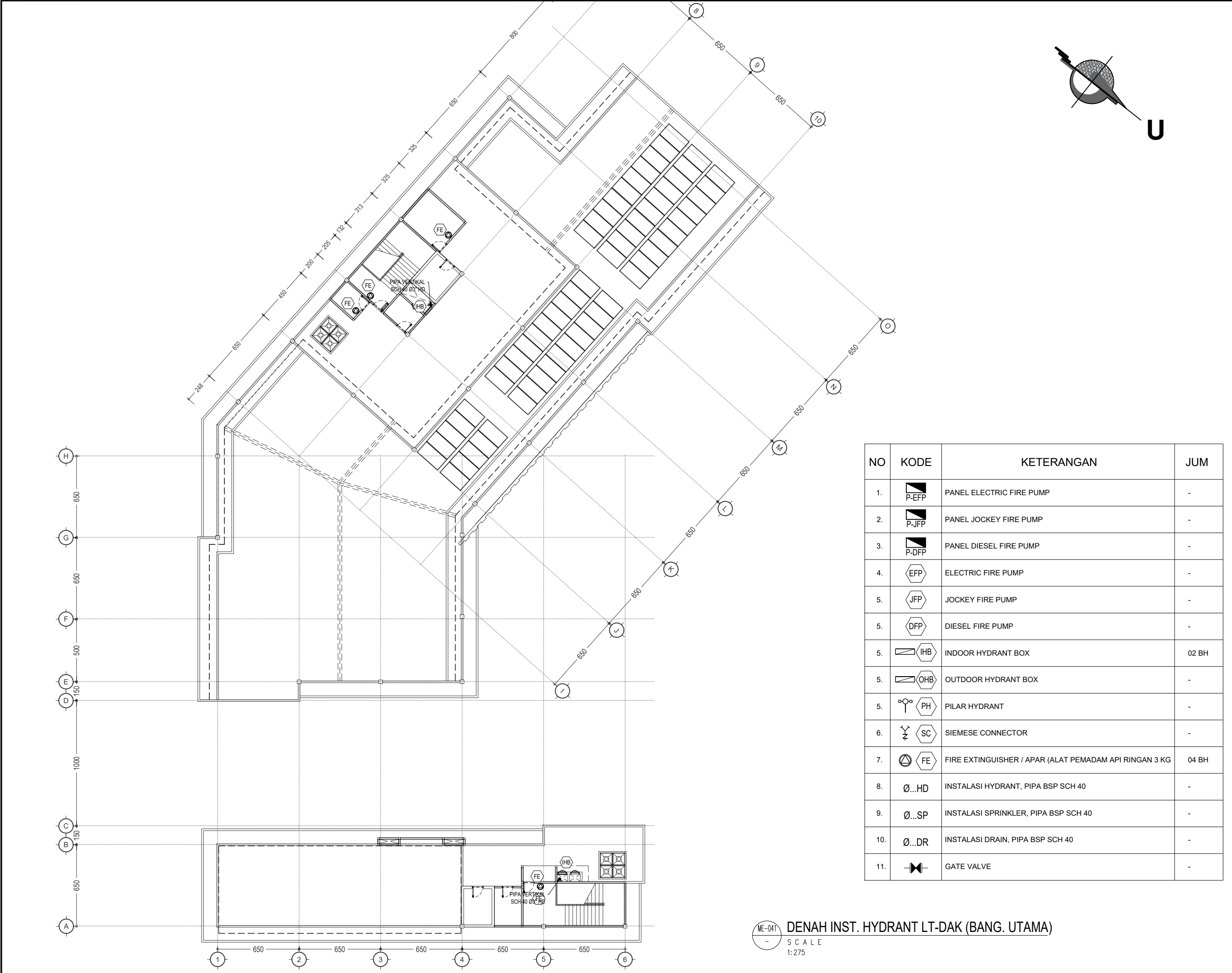
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. HYDRANT LT-3 (BANG. UTAMA)	1:275

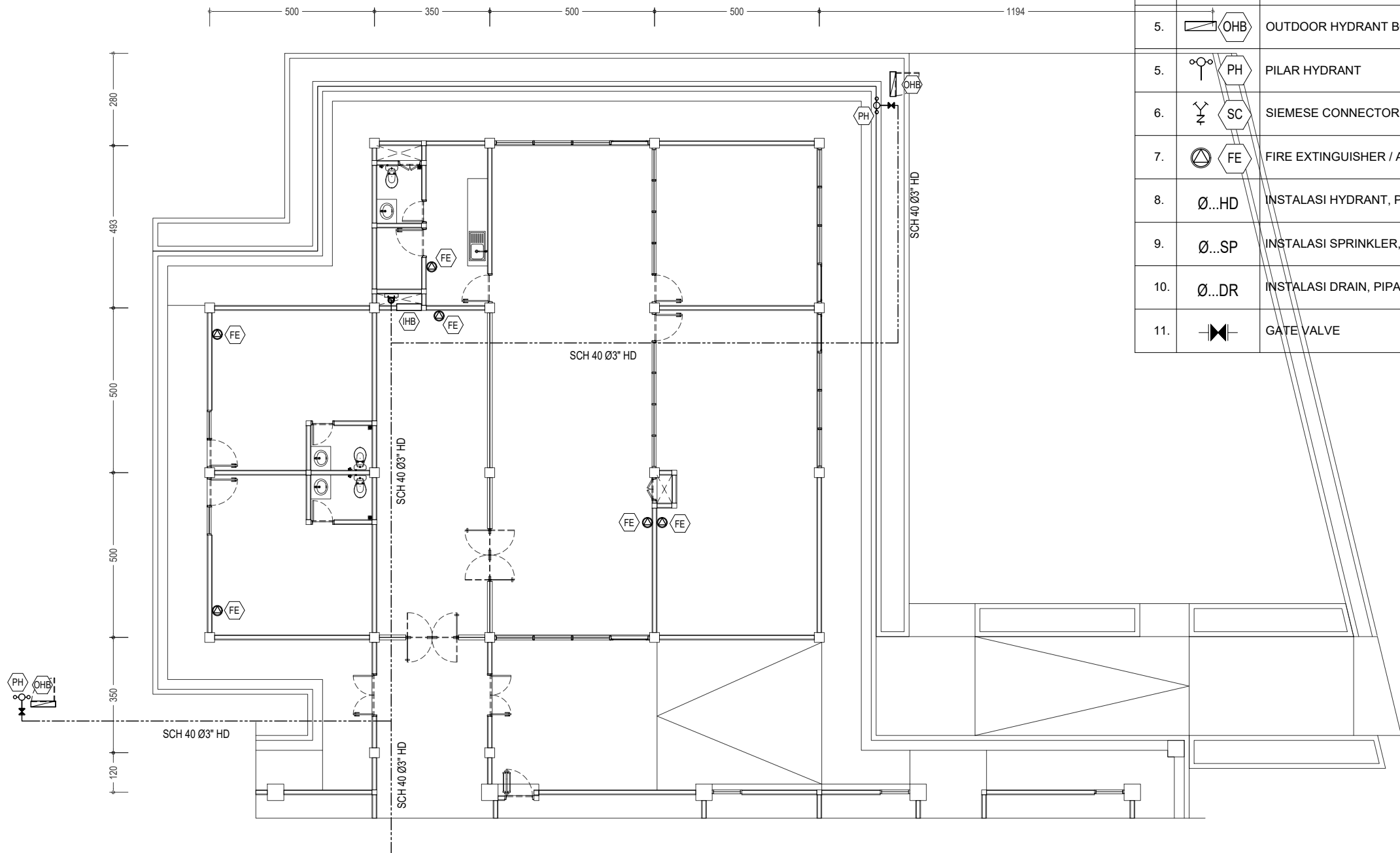
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-040

302



 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. HYDRANT LT-DAK (BANG. UTAMA)		1:275
REVISI	TANGGAL	
R-05	24/01/25	
NO. GAMBAR	JUM. GAMBAR	
ME-041	302	



NO	KODE	KETERANGAN	JUM
1.	P-EFP	PANEL ELECTRIC FIRE PUMP	-
2.	P-JFP	PANEL JOCKEY FIRE PUMP	-
3.	P-DFP	PANEL DIESEL FIRE PUMP	-
4.	EFP	ELECTRIC FIRE PUMP	-
5.	JFP	JOCKEY FIRE PUMP	-
5.	DFP	DIESEL FIRE PUMP	-
5.	IHB	INDOOR HYDRANT BOX	01 BH
5.	OHB	OUTDOOR HYDRANT BOX	02 BH
5.	PH	PILAR HYDRANT	02 BH
6.	SC	SIEMESE CONNECTOR	-
7.	FE	FIRE EXTINGUISHER / APAR (ALAT PEMADAM API RINGAN 3 KG)	06 BH
8.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
9.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
10.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
11.		GATE VALVE	-



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. HYDRANT (BANG. ADM) LT-1	1:150

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

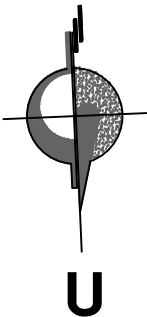
ME-042

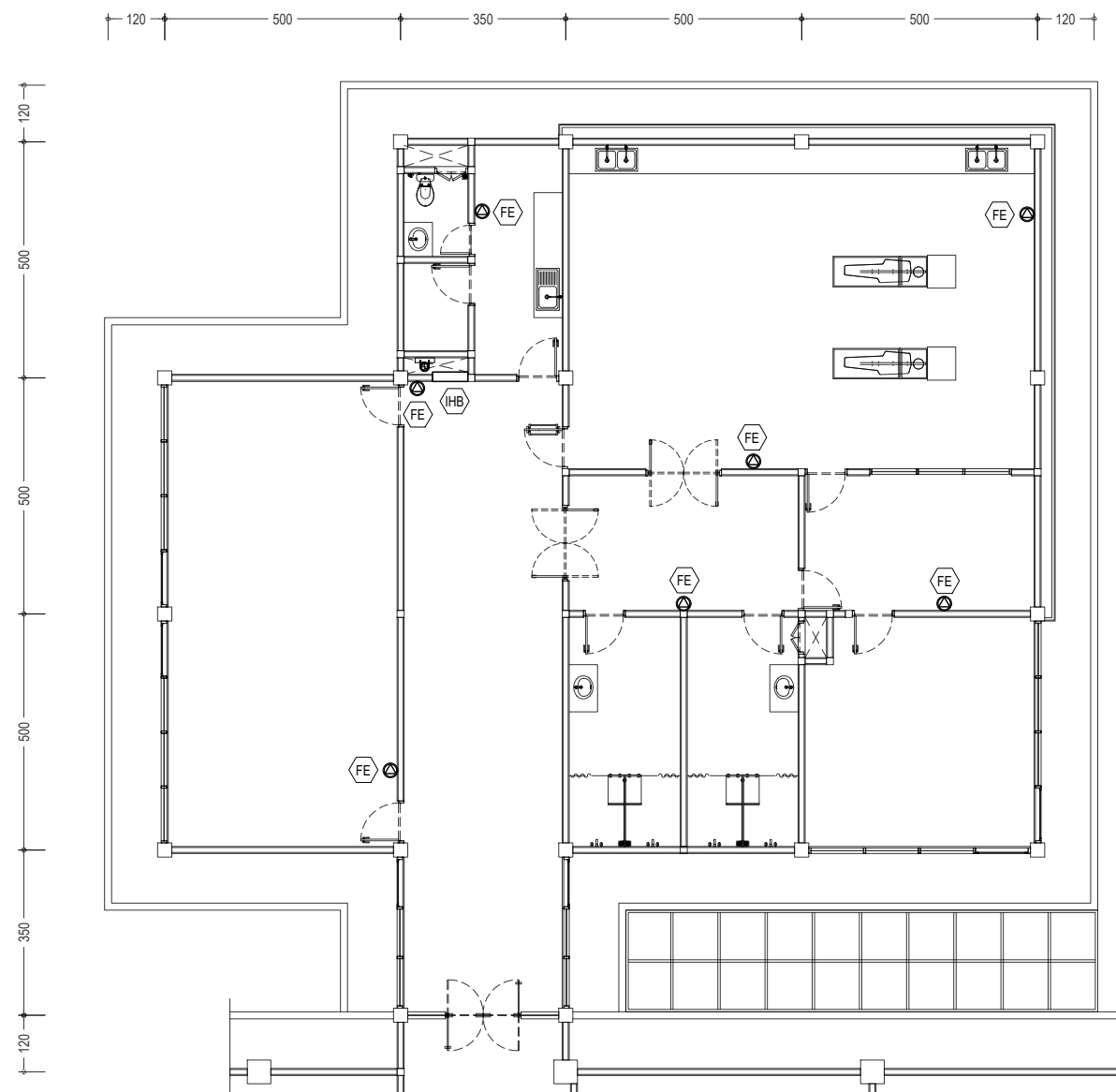
302



DENAH INST. HYDRANT (BANG. ADM) LT-1

SCALE
1:150

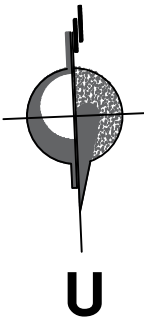




NO	KODE	KETERANGAN	JUM
1.	P-EFP	PANEL ELECTRIC FIRE PUMP	-
2.	P-JFP	PANEL JOCKEY FIRE PUMP	-
3.	P-DFP	PANEL DIESEL FIRE PUMP	-
4.	EFP	ELECTRIC FIRE PUMP	-
5.	JFP	JOCKEY FIRE PUMP	-
5.	DFP	DIESEL FIRE PUMP	-
5.	IHB	INDOOR HYDRANT BOX	01 BH
5.	OHB	OUTDOOR HYDRANT BOX	-
5.	PH	PILAR HYDRANT	-
6.	SC	SIEMESE CONNECTOR	-
7.	FE	FIRE EXTINGUISHER / APAR (ALAT PEMADAM API RINGAN 3 KG	07 BH
8.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
9.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
10.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
11.		GATE VALVE	-



DENAH INST. HYDRANT (BANG. ADM) LT-2
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. HYDRANT (BANG. ADM) LT-2	1;150

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-043

302



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

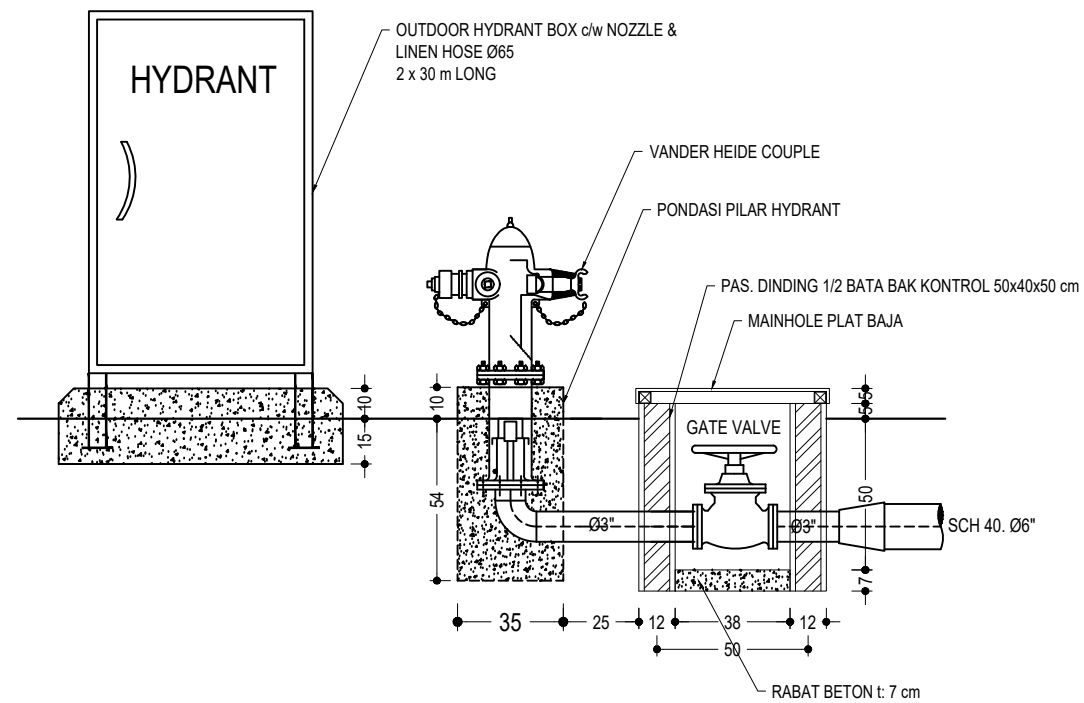
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DETAIL AKSESORIS HYDRANT	1:25

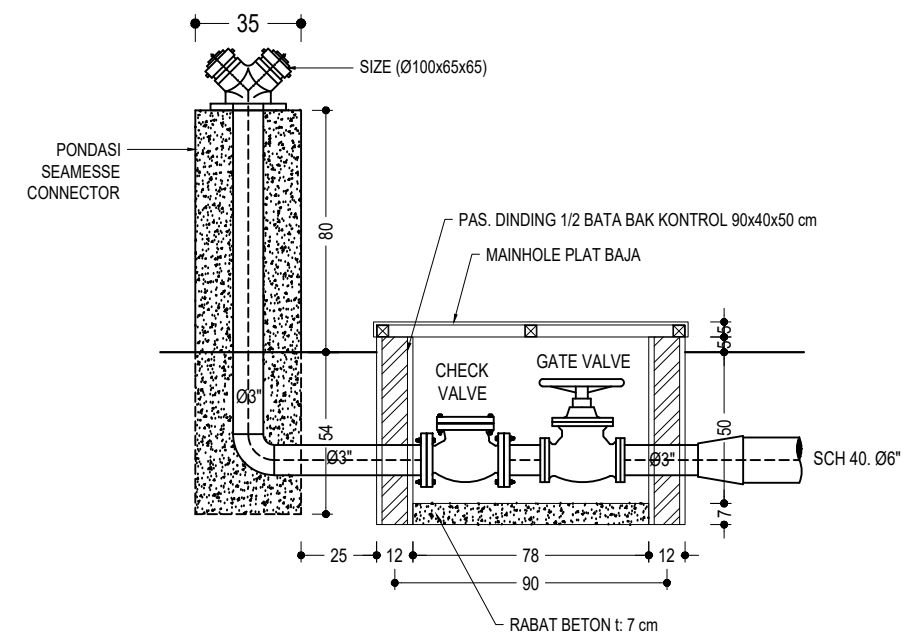
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-044

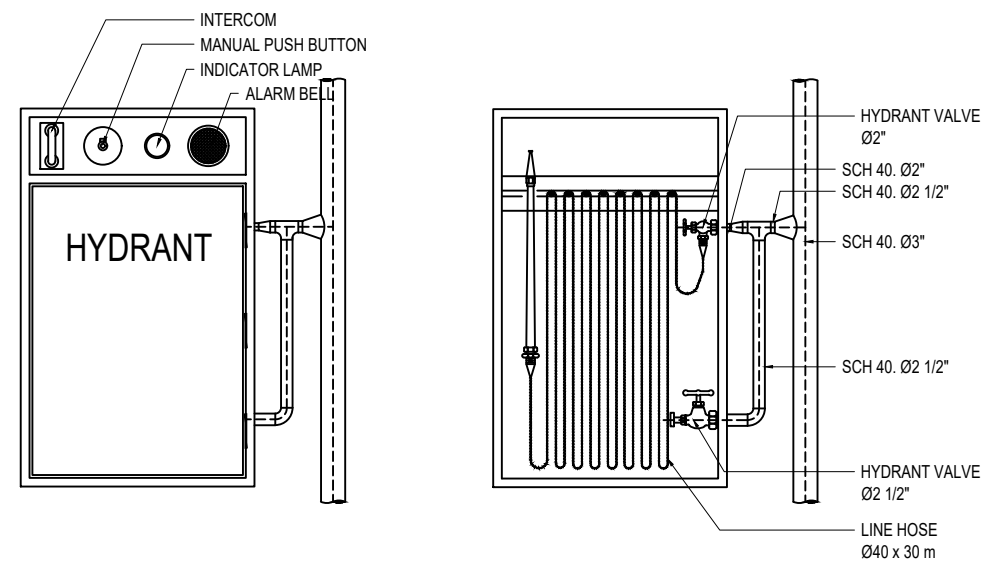
302



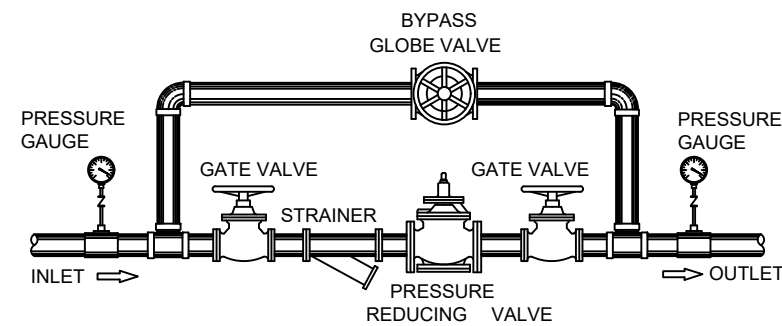
ME-044
-
SCALE
1:25
DETAIL OUTDOOR HYDRANT BOX (OHB) & PILAR HYDRANT (PH)



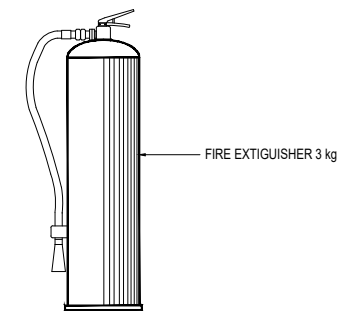
ME-044
-
SCALE
1:25
DETAIL SEAMESSE CONNECTOR (SC)



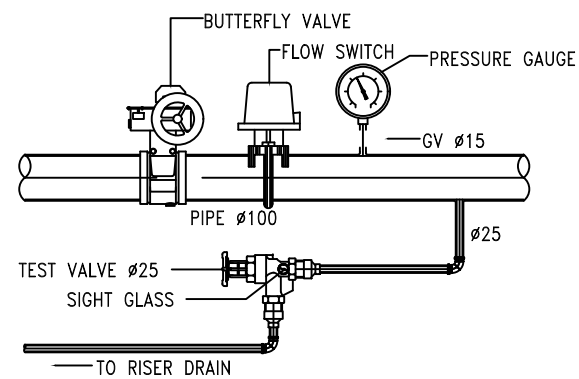
ME-044
-
SCALE
1:25
DETAIL INDOOR HYDRANT BOX (IHB)



ME-044
-
SCALE
NTS
DETAIL PRESSURE REDUCING VALVE SETS



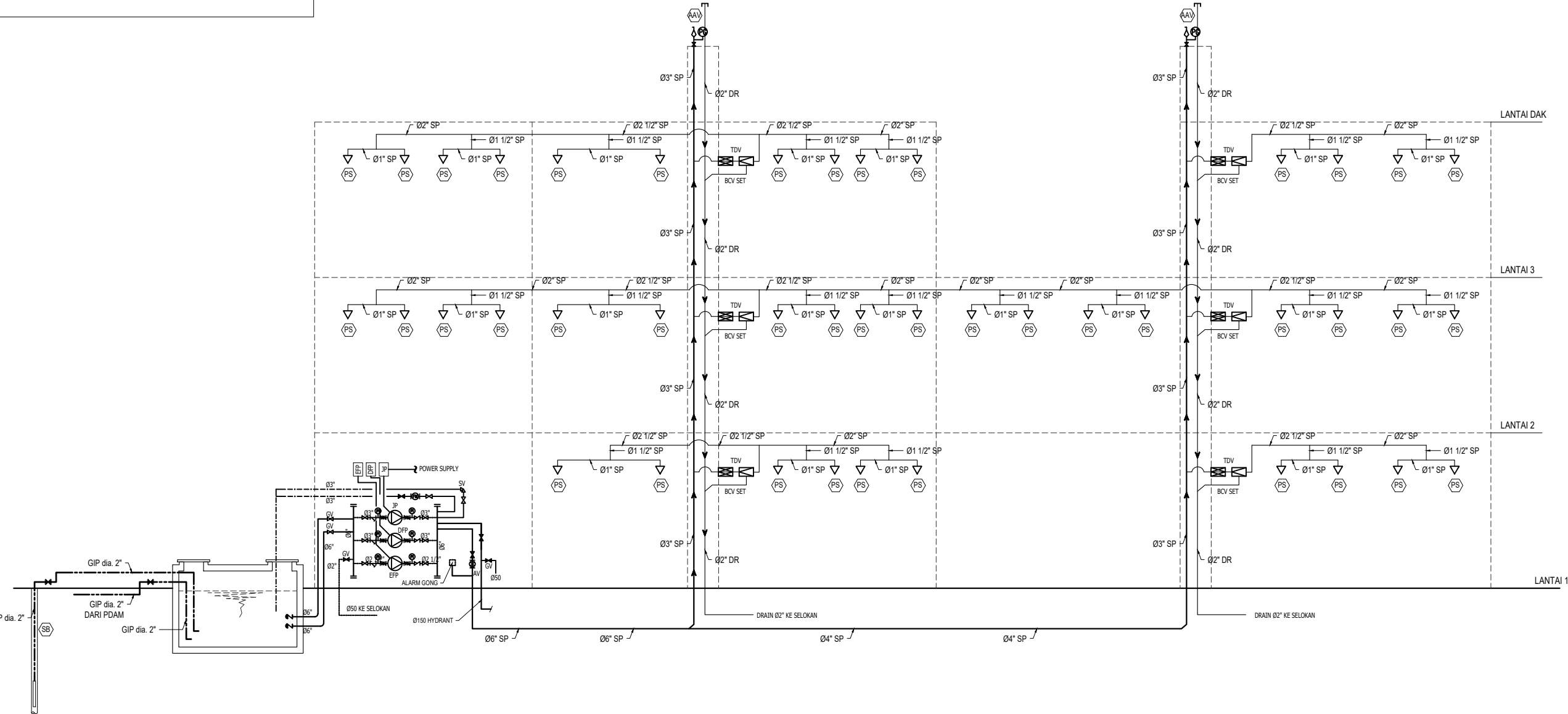
ME-044
-
SCALE
NTS
DETAIL APAR



ME-044
-
SCALE
NTS
DETAIL BRANCH CONTROL VALVE

KETERANGAN

P-DFP : PANEL DIESEL FIRE PUMP
P-EFP : PANEL ELECTRIC FIRE PUMP
P-JFP : PANEL JOCKEY FIRE PUMP
DFP : DIESEL FIRE PUMP
EFP : ELECTRIC FIRE PUMP
JFP : JOCKEY FIRE PUMP
PS : PENDANT SPRINKLER
AAV : AUTOMATIC AIR VENT
Ø...HD : INSTALASI HYDRANT, PIPA BSP SCH 40
Ø...SP : INSTALASI SPRINKLER, PIPA BSP SCH 40
Ø...DR : INSTALASI DRAIN, PIPA BSP SCH 40



ME-045
-
S C A L E
N T S
DIAGRAM GARIS SPRINKLER (BANG. UTAMA)



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 SPRINKLER (BANG. UTAMA)	NTS

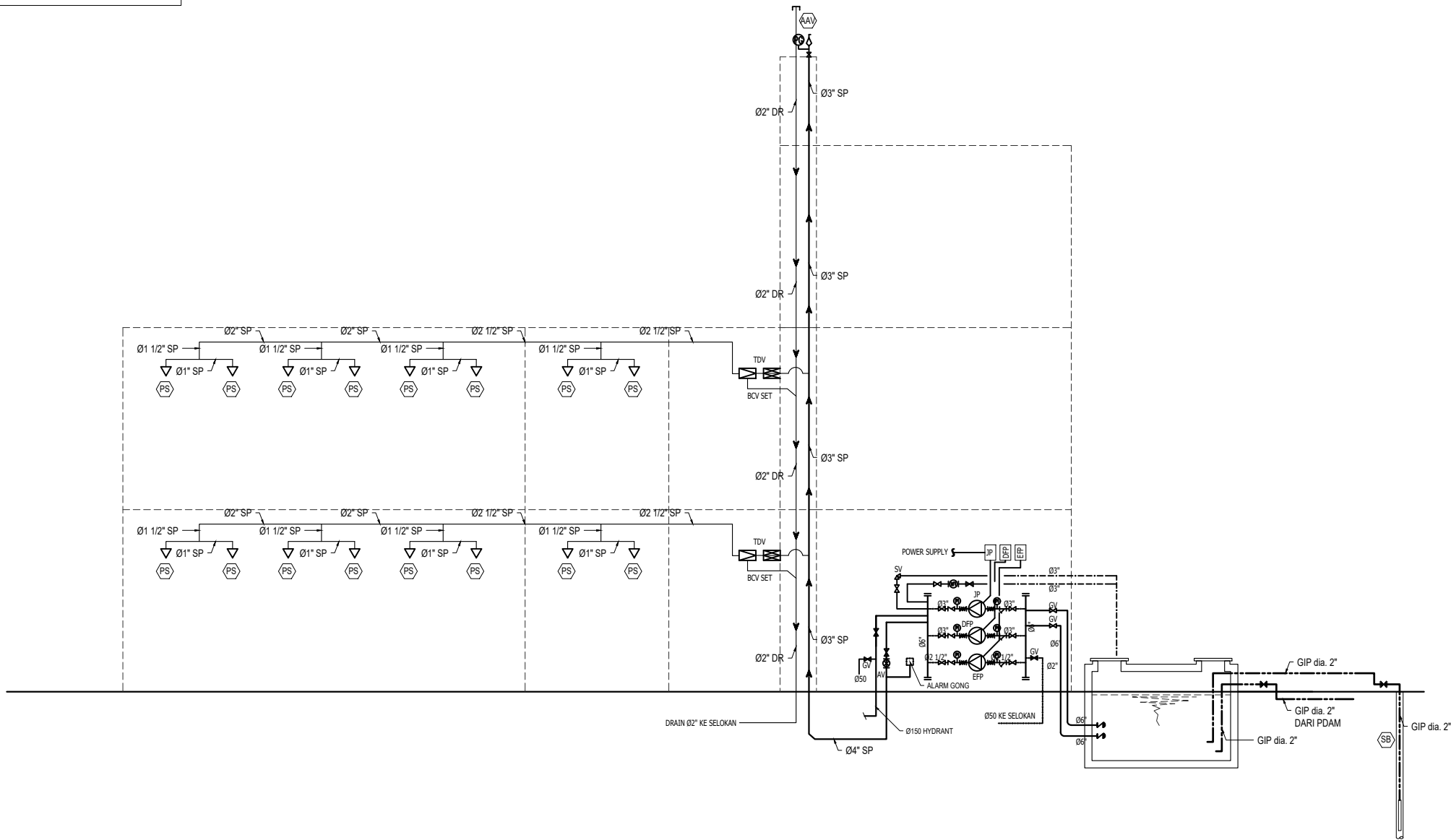
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-045

302

KETERANGAN

- P-DFP : PANEL DIESEL FIRE PUMP
P-EFP : PANEL ELECTRIC FIRE PUMP
P-JFP : PANEL JOCKEY FIRE PUMP
DFP : DIESEL FIRE PUMP
EFP : ELECTRIC FIRE PUMP
JFP : JOCKEY FIRE PUMP
PS : PENDANT SPRINKLER
AAV : AUTOMATIC AIR VENT
Ø...HD : INSTALASI HYDRANT, PIPA BSP SCH 40
Ø...SP : INSTALASI SPRINKLER, PIPA BSP SCH 40
Ø...DR : INSTALASI DRAIN, PIPA BSP SCH 40



ME-046
-

DIAGRAM GARIS SPRINKLER (BANG.ADMINISTRASI)

SCALE
NTS



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

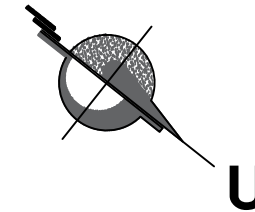
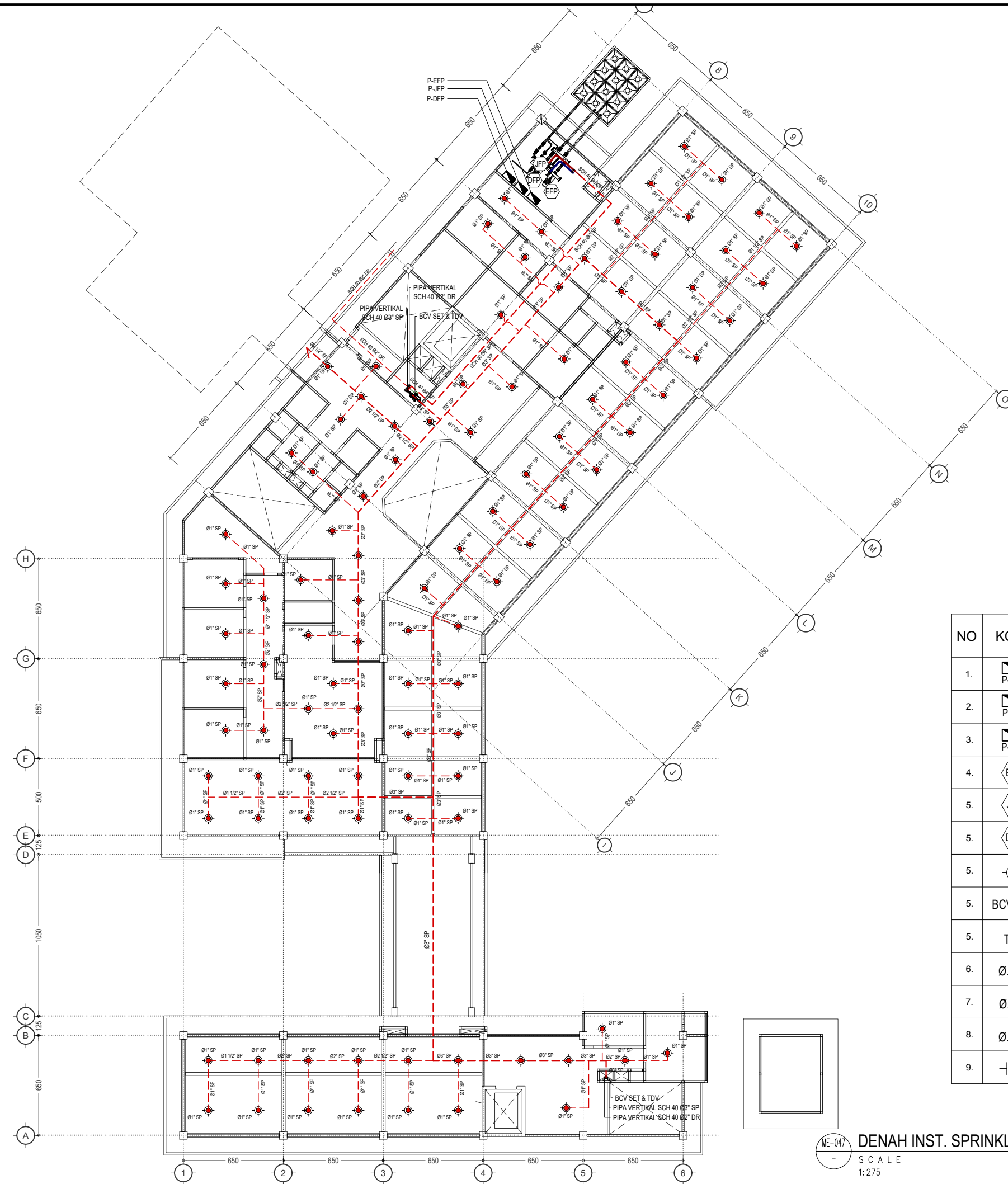
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DIAGRAM GARIS SPRINKLER (BANG.ADMINISTRASI)	NTS

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-046

302



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. SPRINKLER LT-1 (BANG. UTAMA)	1:275

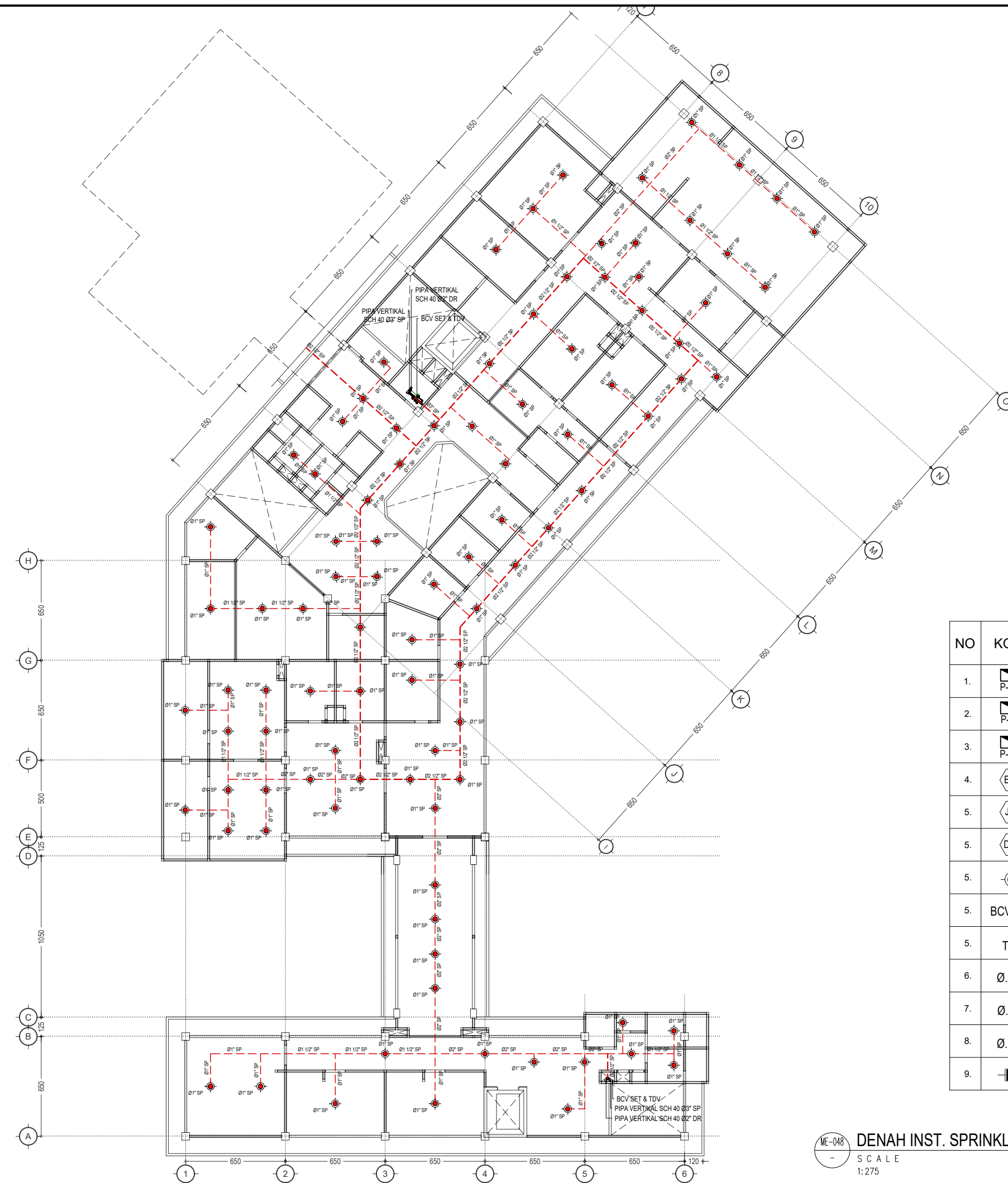
REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-047	302
--------	-----

NO	KODE	KETERANGAN	JUM
1.	P-EFP	PANEL ELECTRIC FIRE PUMP	01 BH
2.	P-JFP	PANEL JOCKEY FIRE PUMP	01 BH
3.	P-DFP	PANEL DIESEL FIRE PUMP	01 BH
4.	EFP	ELECTRIC FIRE PUMP	01 BH
5.	JFP	JOCKEY FIRE PUMP	01 BH
5.	DFP	DIESEL FIRE PUMP	01 BH
5.		PENDANT SPRINKLE	103 BH
5.	BCV SET	BRANC CONTROL VALVE SET	02 BH
5.	TDV	TEST DRAIN VALVE	02 BH
6.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
7.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
8.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
9.		GATE VALVE	-

ME-047
-

DENAH INST. SPRINKLER LT-1 (BANG. UTAMA)
SCALE
1:275



ME-048 DENAH INST. SPRINKLER LT-2 (BANG. UTAMA)
SCALE 1:275

NO	KODE	KETERANGAN	JUM
1.	P-EFP	PANEL ELECTRIC FIRE PUMP	-
2.	P-JFP	PANEL JOCKEY FIRE PUMP	-
3.	P-DFP	PANEL DIESEL FIRE PUMP	-
4.	EFP	ELECTRIC FIRE PUMP	-
5.	JFP	JOCKEY FIRE PUMP	-
5.	DFP	DIESEL FIRE PUMP	-
5.		PENDANT SPRINKLE	95 BH
5.	BCV SET	BRANC CONTROL VALVE SET	02 BH
5.	TDV	TEST DRAIN VALVE	02 BH
6.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
7.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
8.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
9.		GATE VALVE	-



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. SPRINKLER LT-2 (BANG. UTAMA)		1:275
REVISI	TANGGAL	
R-05	24/01/25	
NO. GAMBAR	JUM. GAMBAR	
ME-048	302	



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

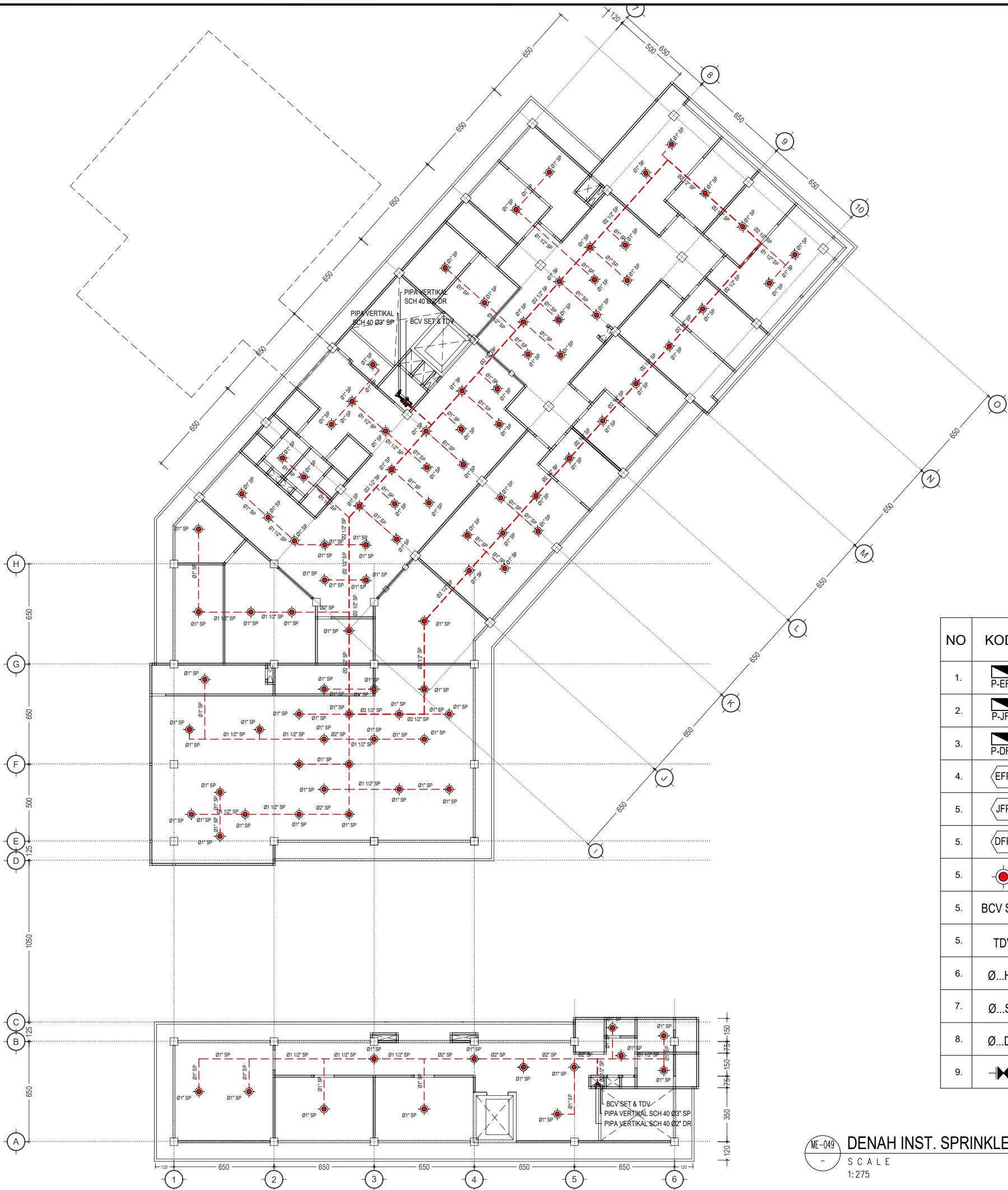
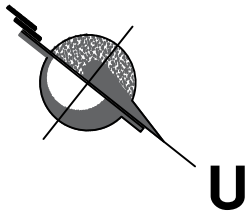
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. SPRINKLER LT-3 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-049

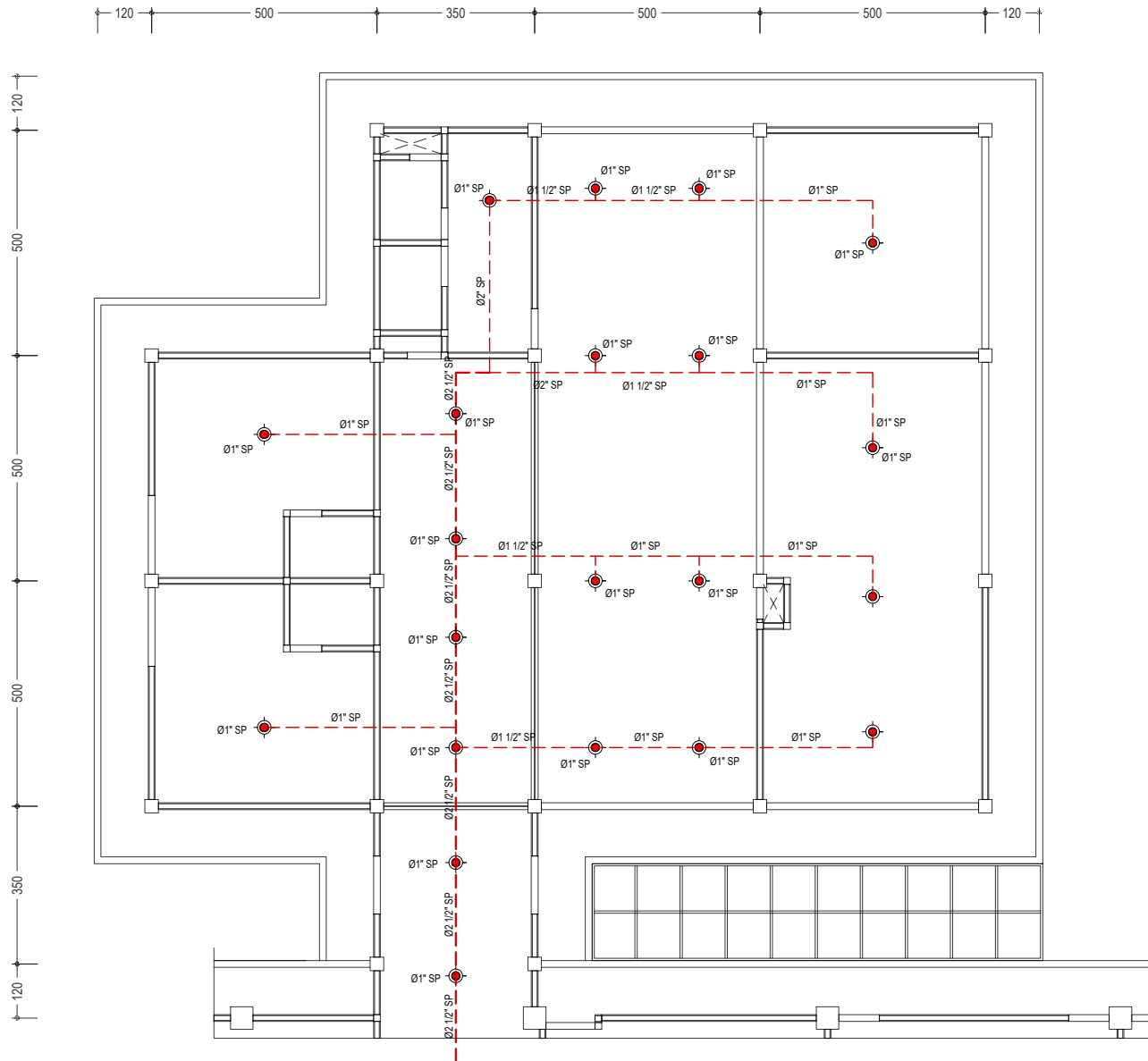
302



NO	KODE	KETERANGAN	JUM
1.	P-EFP	PANEL ELECTRIC FIRE PUMP	-
2.	P-JFP	PANEL JOCKEY FIRE PUMP	-
3.	P-DFP	PANEL DIESEL FIRE PUMP	-
4.	EFP	ELECTRIC FIRE PUMP	-
5.	JFP	JOCKEY FIRE PUMP	-
5.	DFP	DIESEL FIRE PUMP	-
5.	SP	PENDANT SPRINKLER	99 BH
5.	BCV SET	BRANC CONTROL VALVE SET	02 BH
5.	TDV	TEST DRAIN VALVE	02 BH
6.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
7.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
8.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
9.	GV	GATE VALVE	-

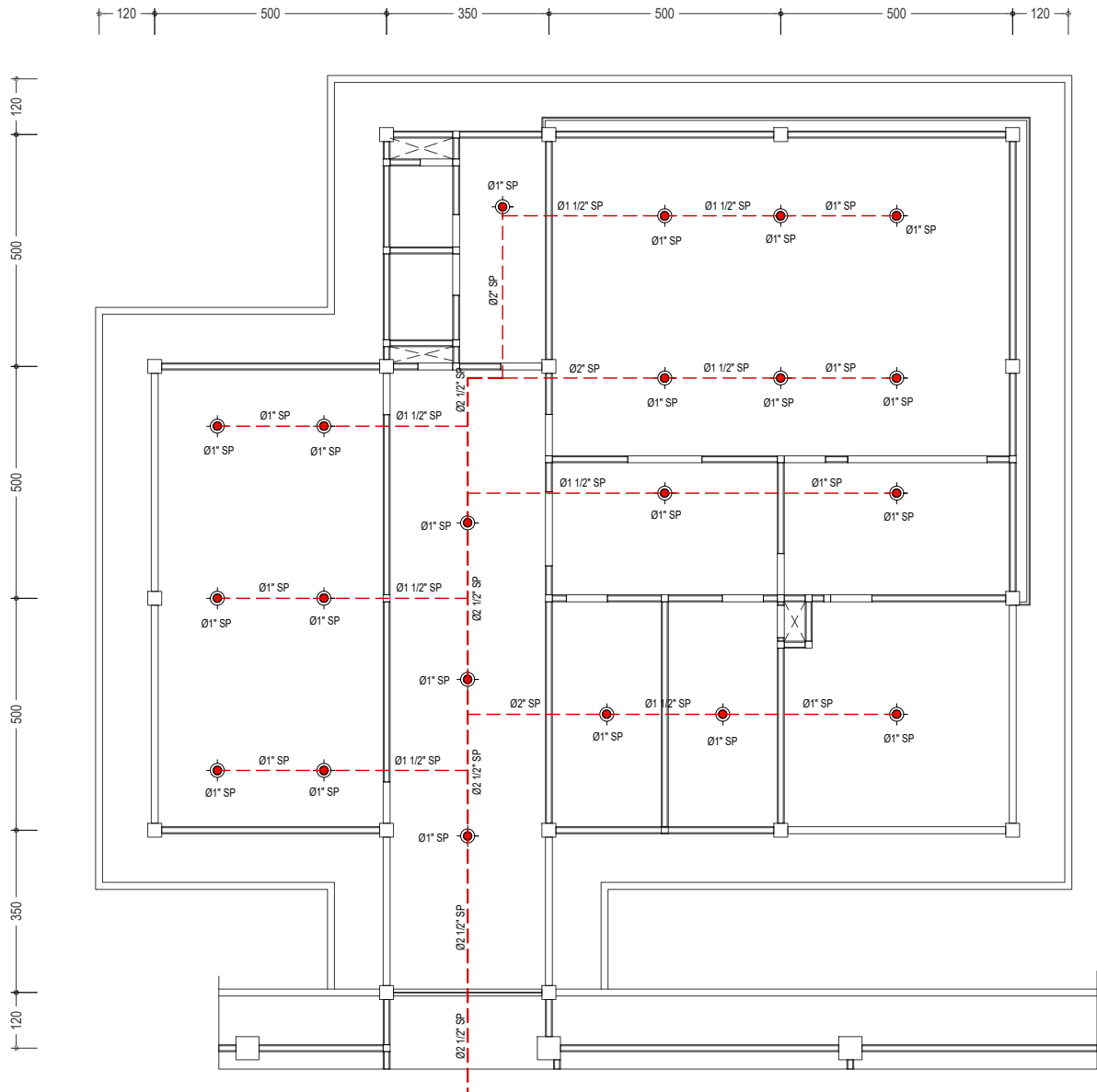
ME-049 DENAH INST. SPRINKLER LT-3 (BANG. UTAMA)
SCALE 1:275

NO	KODE	KETERANGAN	JUM
5.		PENDANT SPRINKLE	21 BH
5.	BCV SET	BRANC CONTROL VALVE SET	-
5.	TDV	TEST DRAIN VALVE	-
6.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
7.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
8.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
9.		GATE VALVE	-

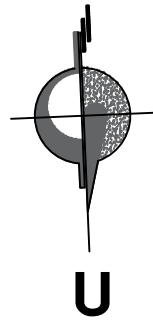


ME-050
-
DENAH INST. SPRINKLER (BANG. ADM) LT-1
SCALE
1:150

NO	KODE	KETERANGAN	JUM
5.		PENDANT SPRINKLE	21 BH
5.	BCV SET	BRANC CONTROL VALVE SET	-
5.	TDV	TEST DRAIN VALVE	-
6.	Ø...HD	INSTALASI HYDRANT, PIPA BSP SCH 40	-
7.	Ø...SP	INSTALASI SPRINKLER, PIPA BSP SCH 40	-
8.	Ø...DR	INSTALASI DRAIN, PIPA BSP SCH 40	-
9.		GATE VALVE	-



ME-050
-
DENAH INST. SPRINKLER (BANG. ADM) LT-2
SCALE
1:150



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

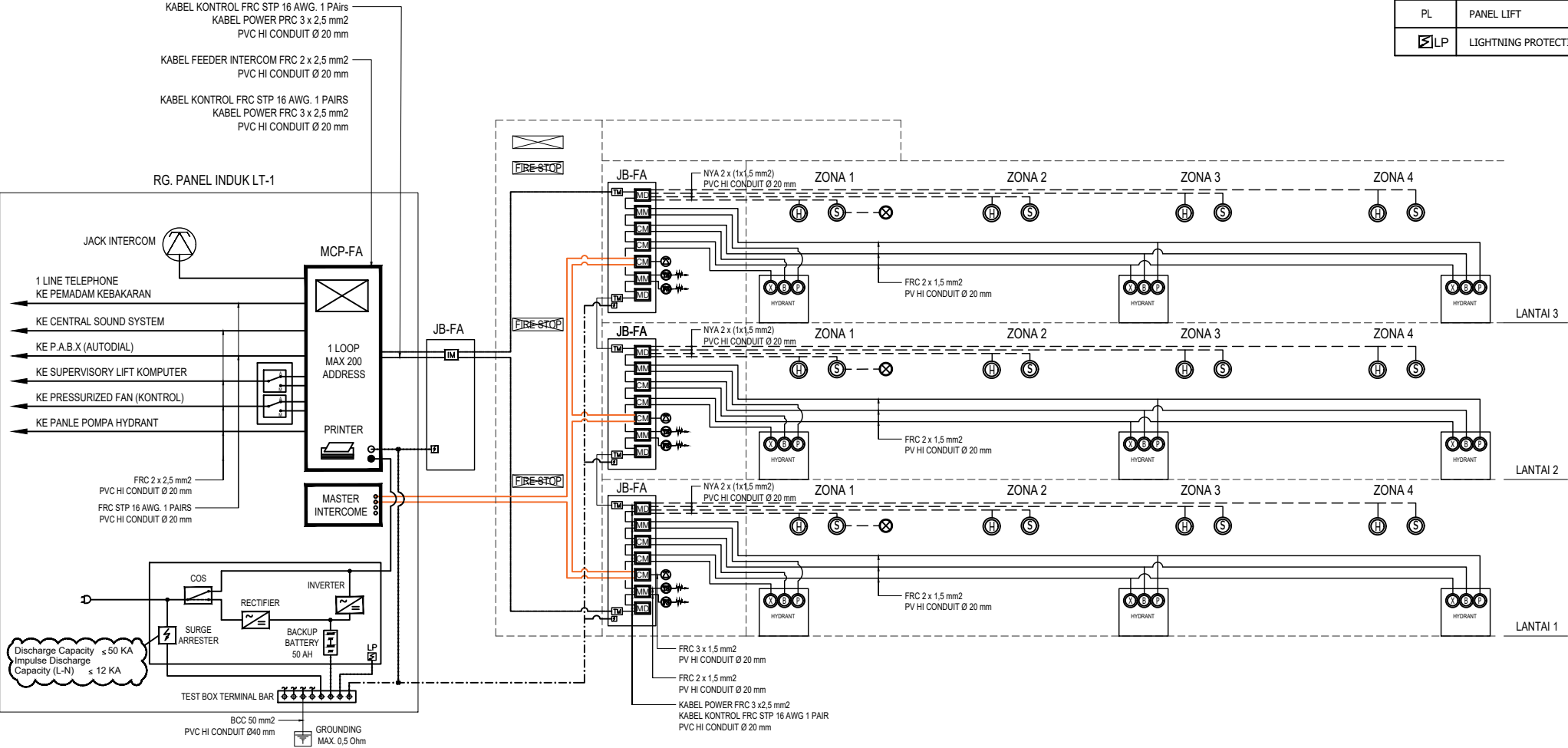
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. SPRINKLER (BANG. ADM)	1:150

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-050

302



ME-051
-
SCALE
NTS

DIAGRAM GARIS FIRE ALARM

SIMBOL	KETERANGAN
	CONVENTIONAL PHOTOELECTRIC SMOKE DETECTOR
	CONVENTIONAL FIXED TEMPERATURE HEAT DETECTOR
	MANUAL PUSH BUTTON
	ALARM BELL
	FLASHER LAMP
	JACK INTERCOM
	FLOW SWITCH
	TAMPER SWITCH
	END OF LINE
	JUNCTION BOX FIRE ALARM
	MAIN CONTROL PANEL FRAME FIRE ALARM
	TERMINAL MODULE
	MONITOR MODULE
	MINI MONITOR MODULE
	GAS MODULE
	CONTROL MODULE
	ISOLATOR MODULE
	PANEL AC
	PANEL KONTROL GENSET
	HYDRANT PUMP PANEL
	PANEL LIFT
	LIGHTNING PROTECTION



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 FIRE ALARM	NTS

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-051

302



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

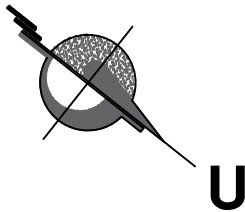
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. FIRE ALARM LT-1 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-052

302



NO	KODE	KETERANGAN	JUM
1.		MAIN CONTROL PANEL FRAME FIRE ALARM	01 BH
2.		JUNCTION BOX FIRE ALARM	02 BH
3.		MANUAL PUSH BUTTON	05 BH
4.		ALARM BELL	05 BH
5.		FLASHER LAMP	05 BH
5.		JACK INTERCOM	05 BH
5.		CONVENTIONAL PHOTOELECTRIC SMOKE DETECTOR	24 BH
5.		CONVENTIONAL FIXED TEMPERATURE HEAT DETECTOR	44 BH

DENAH INST. FIRE ALARM LT-1 (BANG. UTAMA)

SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

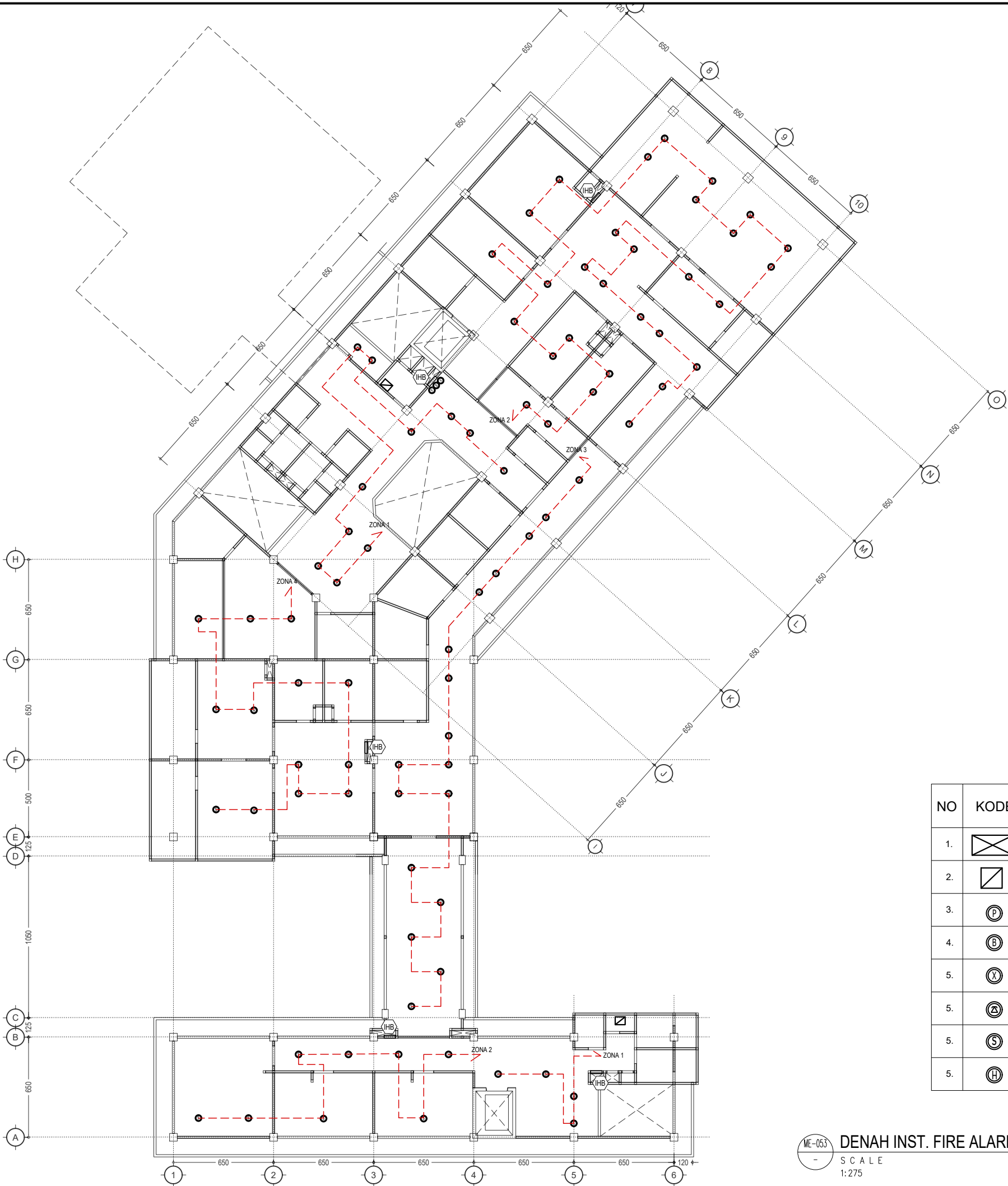
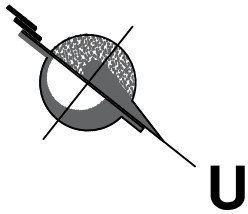
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. FIRE ALARM LT-2 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-053

302



NO	KODE	KETERANGAN	JUM
1.	⊠	MAIN CONTROL PANEL FRAME FIRE ALARM	-
2.	⊞	JUNCTION BOX FIRE ALARM	02 BH
3.	Ⓟ	MANUAL PUSH BUTTON	05 BH
4.	Ⓟ	ALARM BELL	05 BH
5.	ⓧ	FLASHER LAMP	05 BH
5.	Ⓜ	JACK INTERCOM	05 BH
5.	Ⓢ	CONVENTIONAL PHOTOELECTRIC SMOKE DETECTOR	45 BH
5.	Ⓜ	CONVENTIONAL FIXED TEMPERATURE HEAT DETECTOR	44 BH

ME-053 DENAH INST. FIRE ALARM LT-2 (BANG. UTAMA)
SCALE 1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

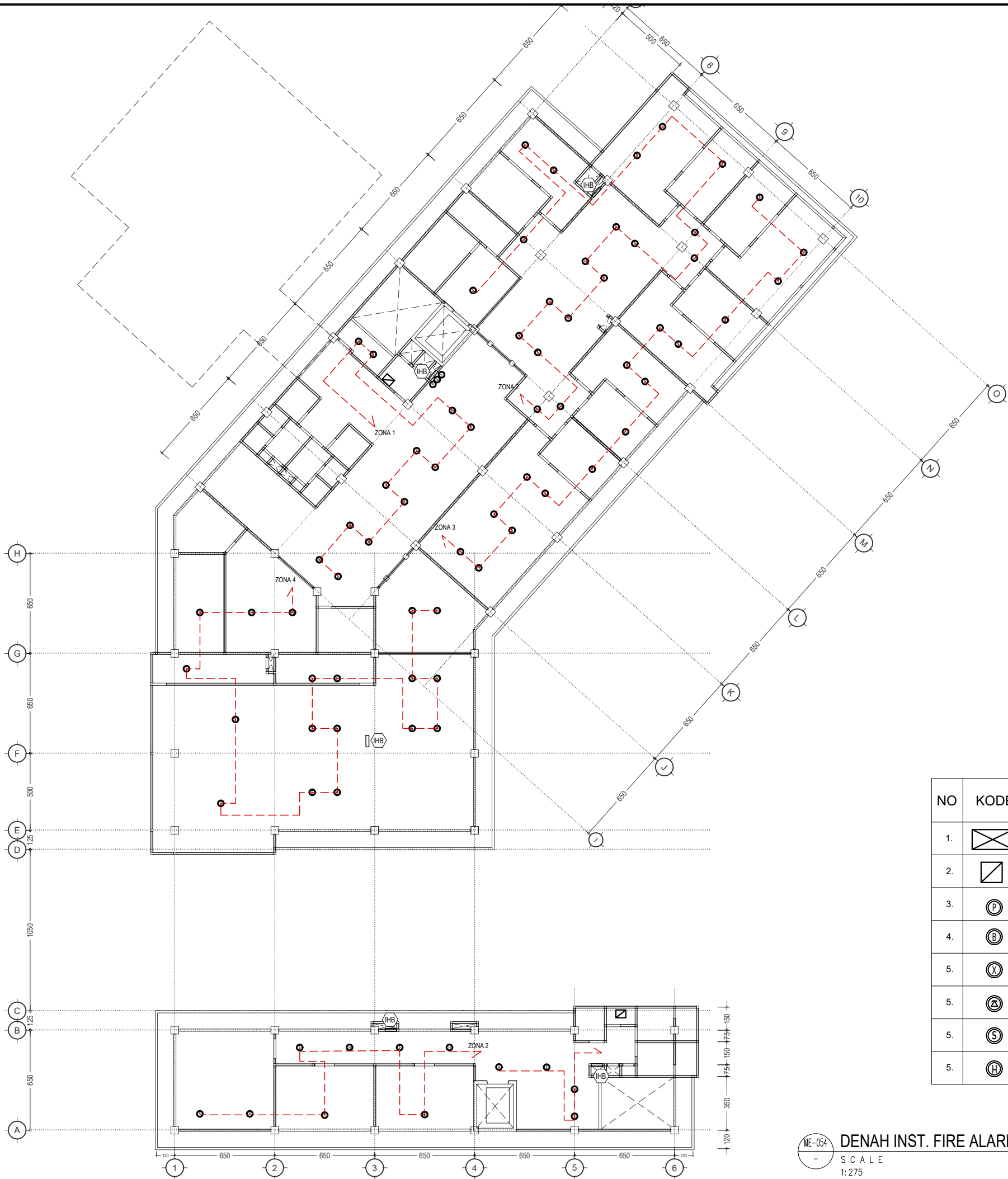
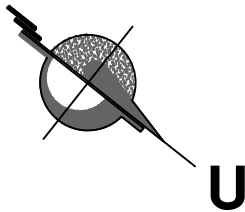
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. FIRE ALARM LT-3 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

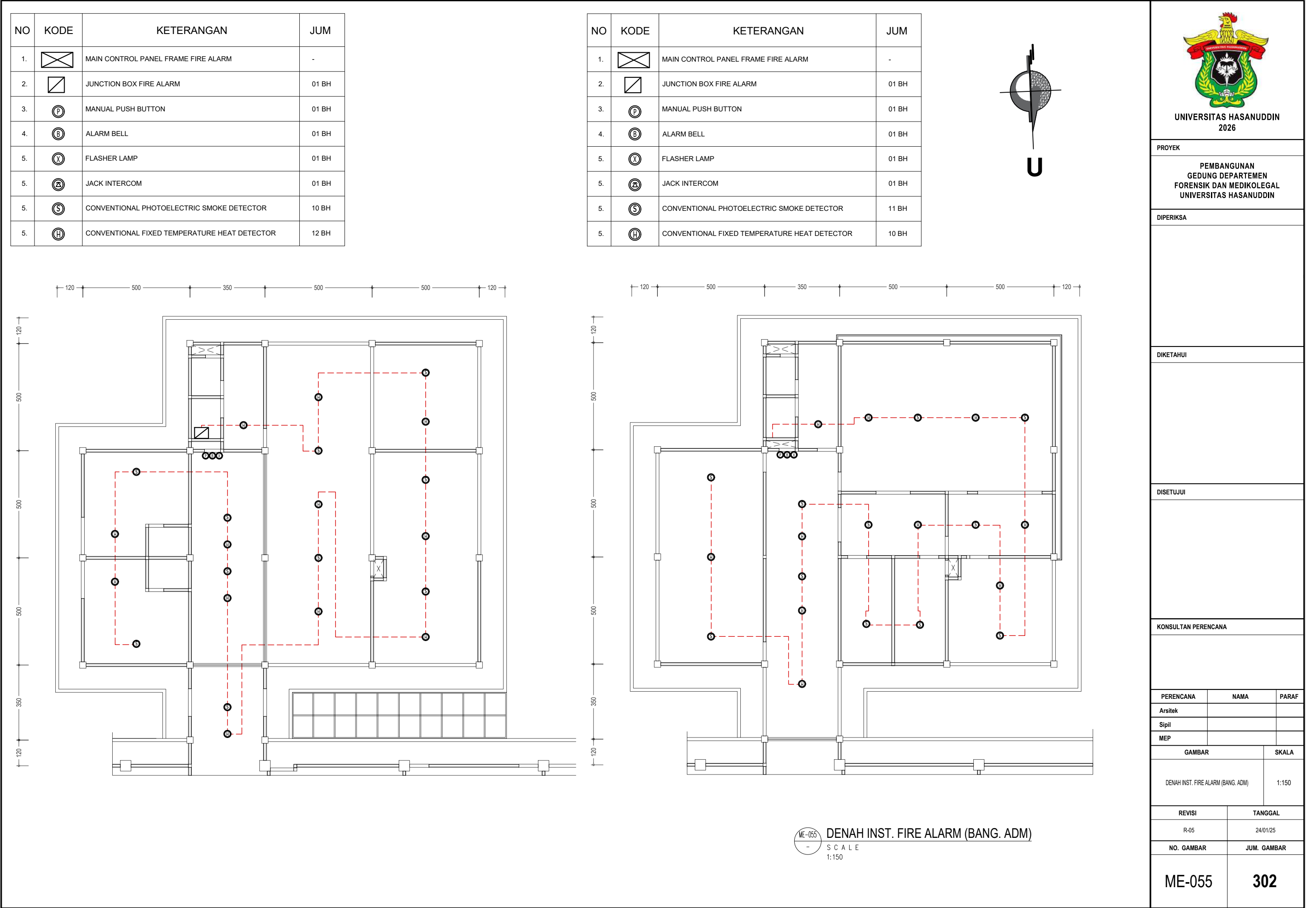
ME-054

302

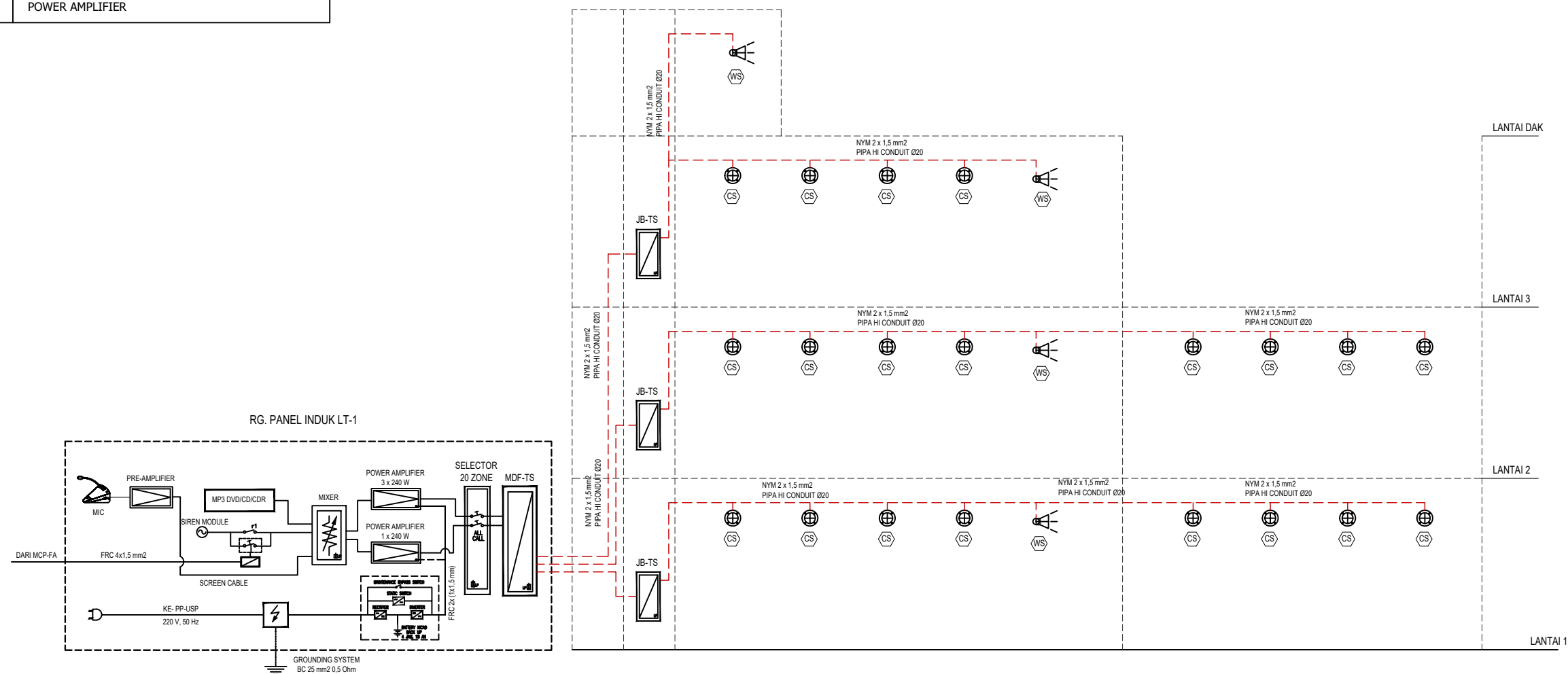


NO	KODE	KETERANGAN	JUM
1.		MAIN CONTROL PANEL FRAME FIRE ALARM	-
2.		JUNCTION BOX FIRE ALARM	02 BH
3.		MANUAL PUSH BUTTON	05 BH
4.		ALARM BELL	05 BH
5.		FLASHER LAMP	05 BH
5.		JACK INTERCOM	05 BH
5.		CONVENTIONAL PHOTOELECTRIC SMOKE DETECTOR	41 BH
5.		CONVENTIONAL FIXED TEMPERATURE HEAT DETECTOR	36 BH

ME-054 DENAH INST. FIRE ALARM LT-3 (BANG. UTAMA)
SCALE 1:275



SIMBOL	KETERANGAN
 CS	CEILING SPEAKER 3 W
 WS1	WALL SPEAKER 15 W
	VOLUME CONTROL
	REMOTE MIC CAR CALL
 COS	CHANGE OVER SWITCH (OVERRIDE RELAY)
JB - SS 	JUNCTION BOX SOUND SYSTEM
IDF - SS 	INTERMEDIATE DISTRIBUTION FRAME SOUND SYSTEM
MDF - SS 	MAIN DISTRIBUTION FRAME SOUND SYSTEM
	LIGHTNING PROTECTION
	POWER AMPLIFIER



ME-056

DIAGRAM GARIS SOUND SYSTEM

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 SOUND SYSTEM	NTS

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-056

302



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

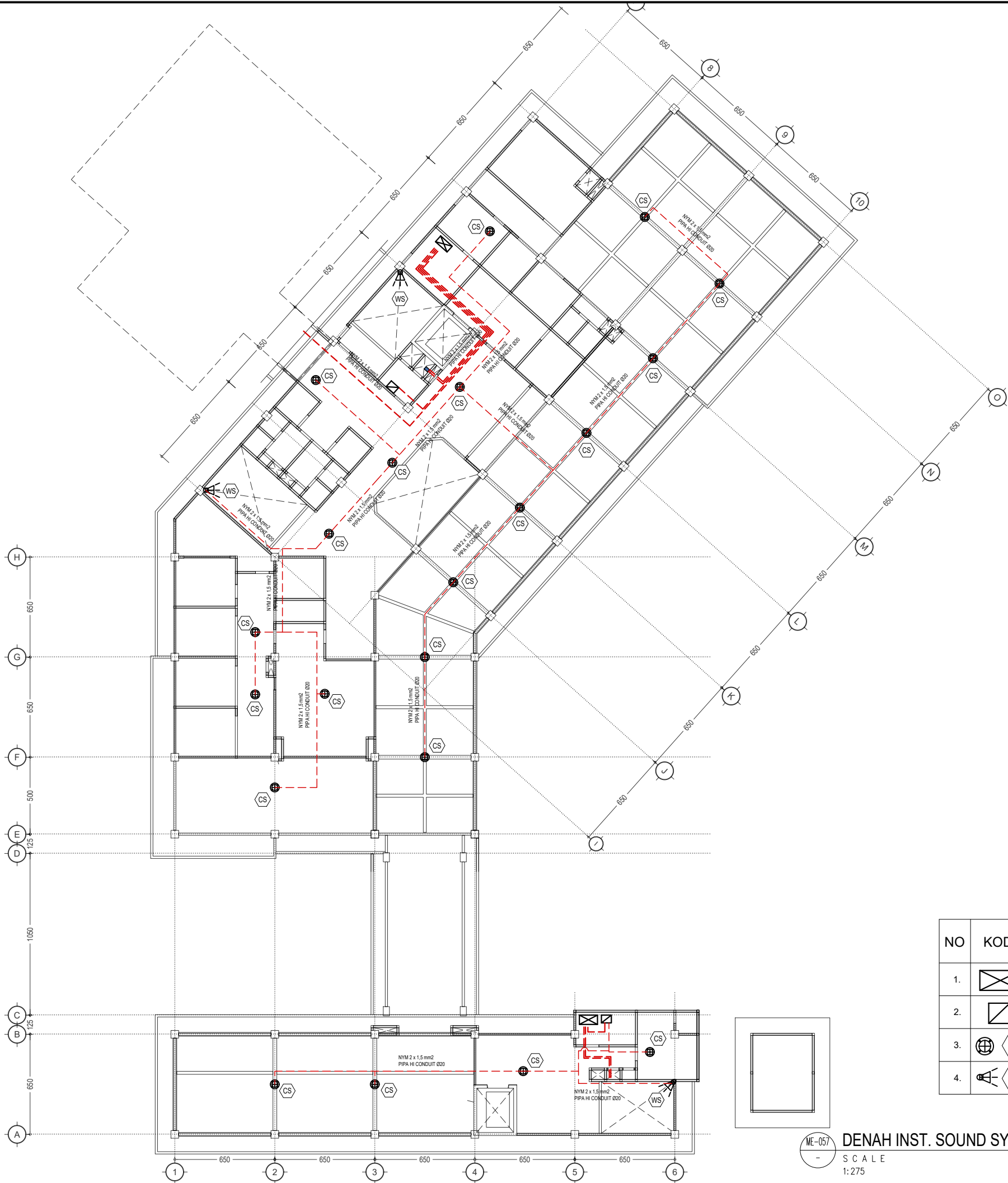
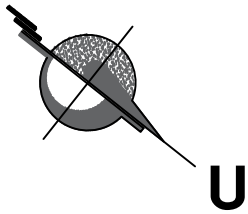
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. SOUND SYSTEM LT-1 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-057

302



NO	KODE	KETERANGAN	JUM
1.		MAIN DISTRIBUTION FRAME SOUND SYSTEM	02 BH
2.		JUNCTION BOX SOUND SYSTEM	02 BH
3.		CEILING SPEAKER 3 W	22 BH
4.		WALL SPEAKER 3 W	03 BH

DENAH INST. SOUND SYSTEM LT-1 (BANG. UTAMA)

SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

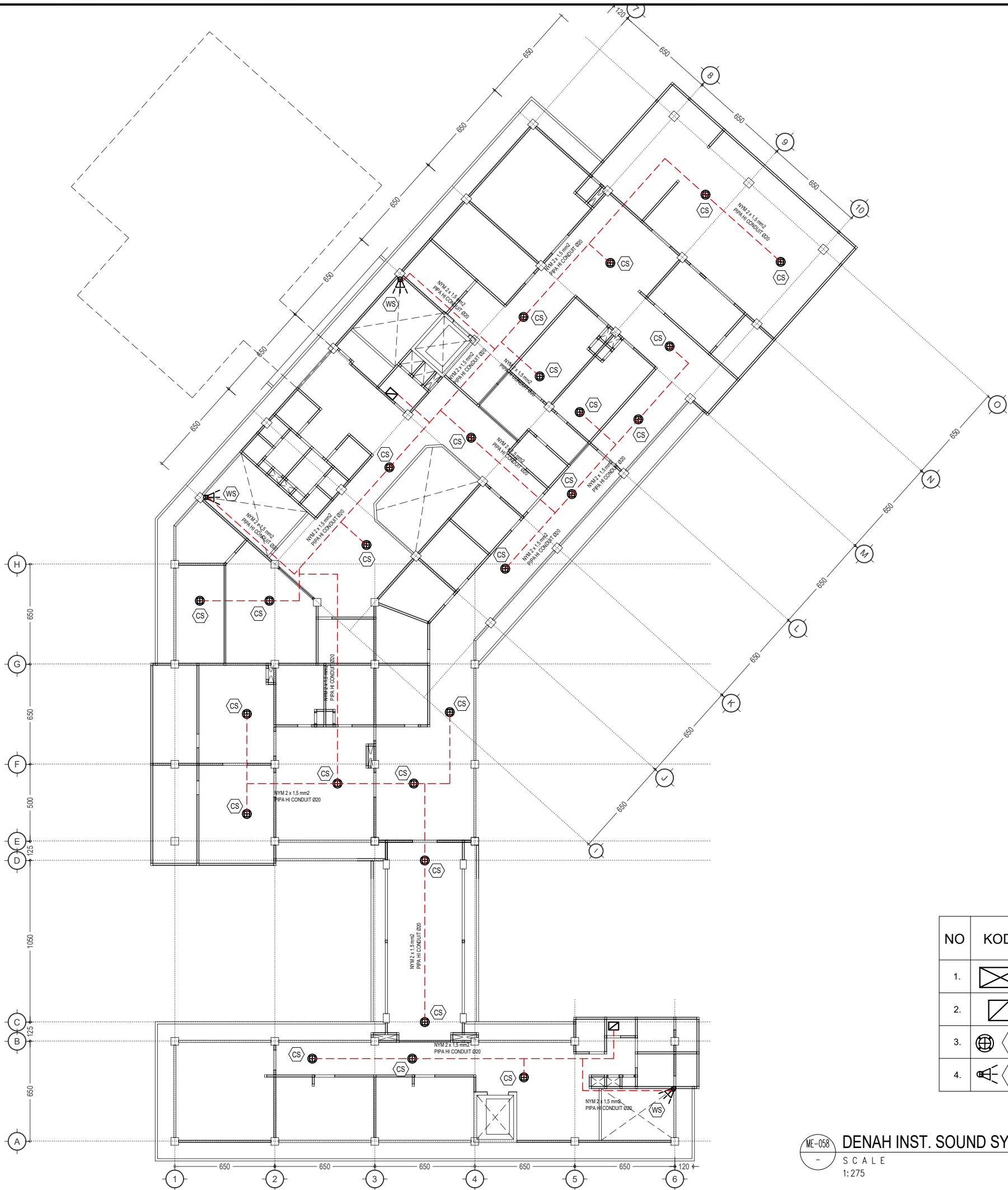
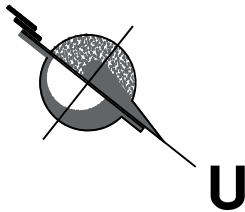
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. SOUND SYSTEM LT-2 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-058

302



NO	KODE	KETERANGAN	JUM
1.		MAIN DISTRIBUTION FRAME SOUND SYSTEM	-
2.		JUNCTION BOX SOUND SYSTEM	02 BH
3.	CS	CEILING SPEAKER 3 W	26 BH
4.	WS	WALL SPEAKER 3 W	03 BH

ME-058
-
DENAH INST. SOUND SYSTEM LT-2 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

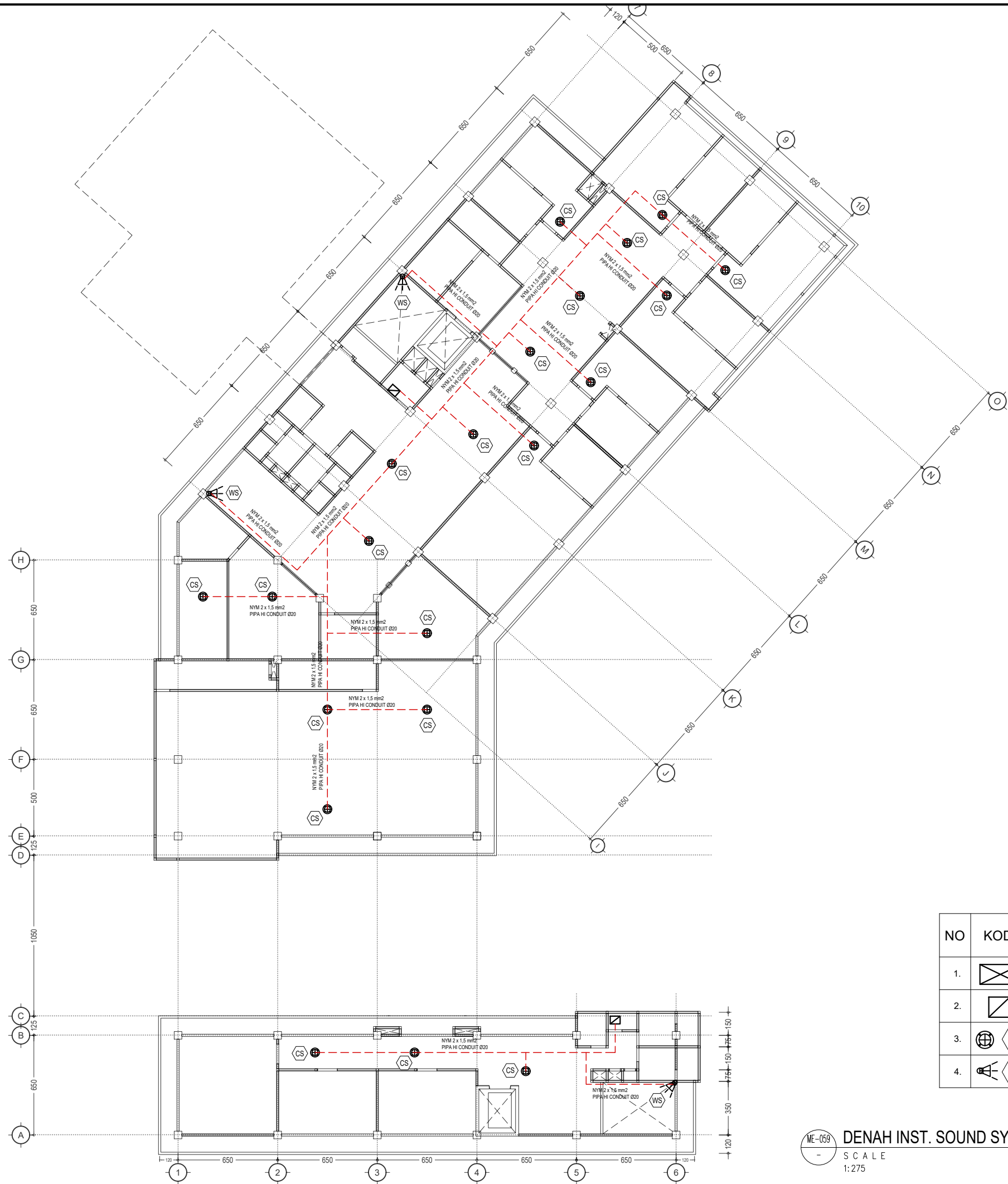
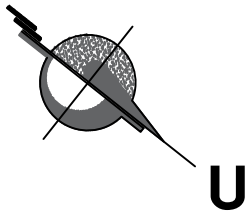
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. SOUND SYSTEM LT-3 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-059

302

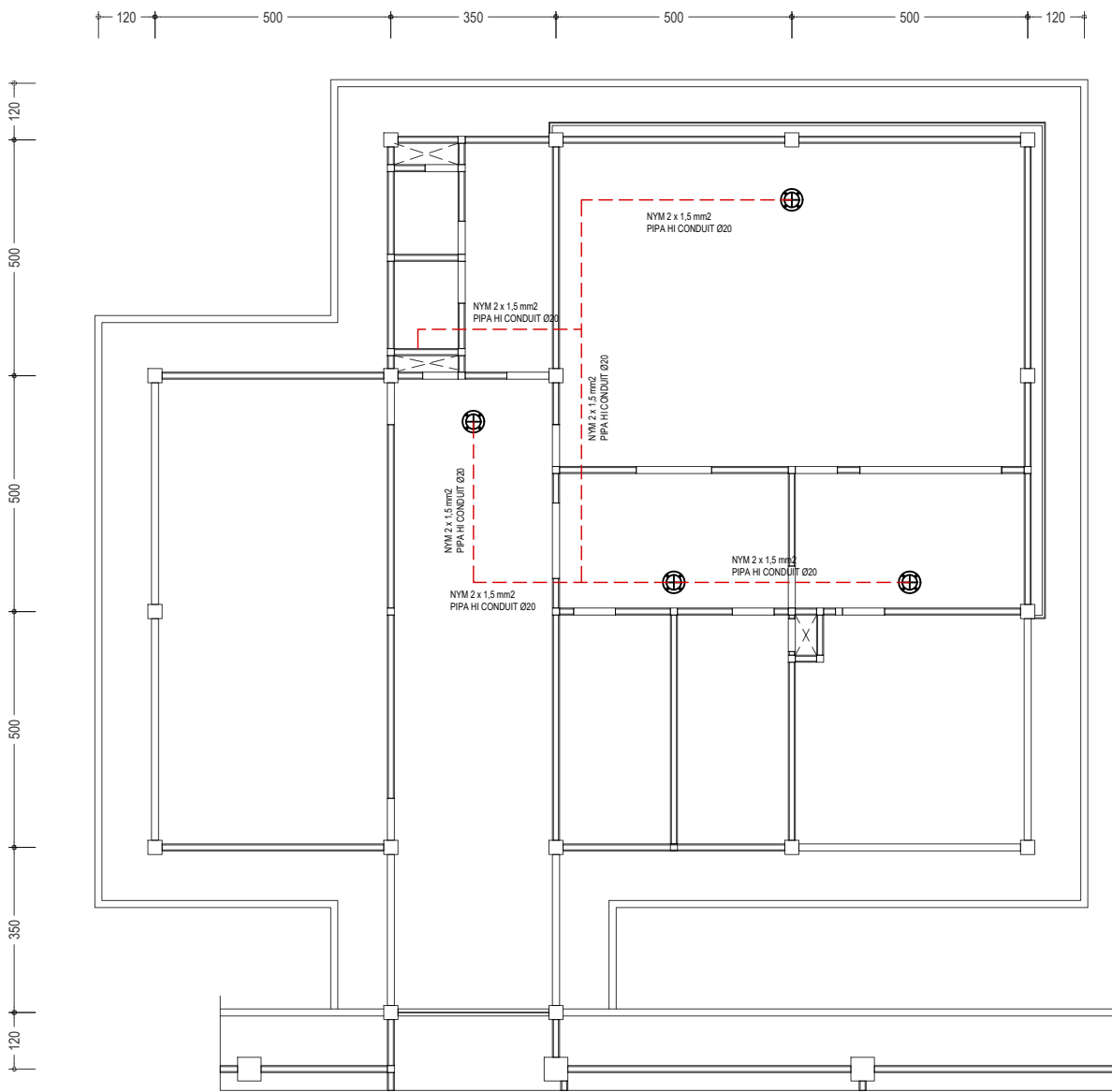
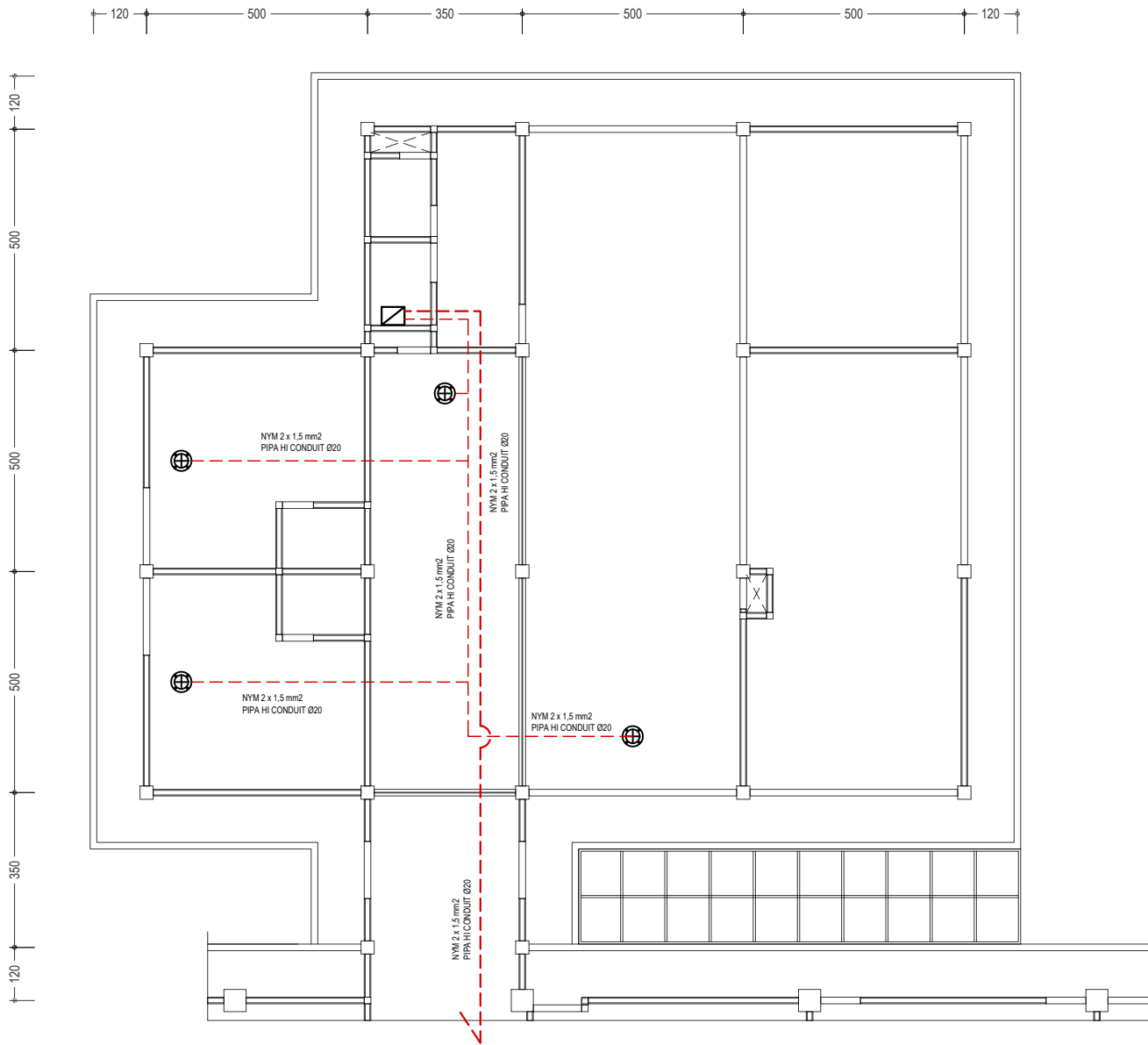
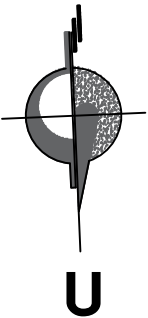


NO	KODE	KETERANGAN	JUM
1.		MAIN DISTRIBUTION FRAME SOUND SYSTEM	-
2.		JUNCTION BOX SOUND SYSTEM	02 BH
3.		CEILING SPEAKER 3 W	22 BH
4.		WALL SPEAKER 3 W	03 BH

ME-059
-
DENAH INST. SOUND SYSTEM LT-3 (BANG. UTAMA)
SCALE
1:275

NO	KODE	KETERANGAN	JUM
1.		MAIN DISTRIBUTION FRAME SOUND SYSTEM	-
2.		JUNCTION BOX SOUND SYSTEM	01 BH
3.	 CS	CEILING SPEAKER 3 W	04 BH
4.	 WS	WALL SPEAKER 3 W	-

NO	KODE	KETERANGAN	JUM
1.		MAIN DISTRIBUTION FRAME SOUND SYSTEM	-
2.		JUNCTION BOX SOUND SYSTEM	-
3.	 CS	CEILING SPEAKER 3 W	04 BH
4.	 WS	WALL SPEAKER 3 W	-



ME-060
-
SCALE
1:150

DENAH INST. SOUND SYSTEM (BANG. ADM) LT-1

ME-060
-
SCALE
1:150

DENAH INST. SOUND SYSTEM (BANG. ADM) LT-2



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. SOUND SYSTEM (BANG. ADM)	1:150

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-060

302



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBARSKALA

DIAGRAM GARIS CCTVNTS

REVISITANGGAL

R-0524/01/25

NO. GAMBARJUM. GAMBAR

ME-061

302

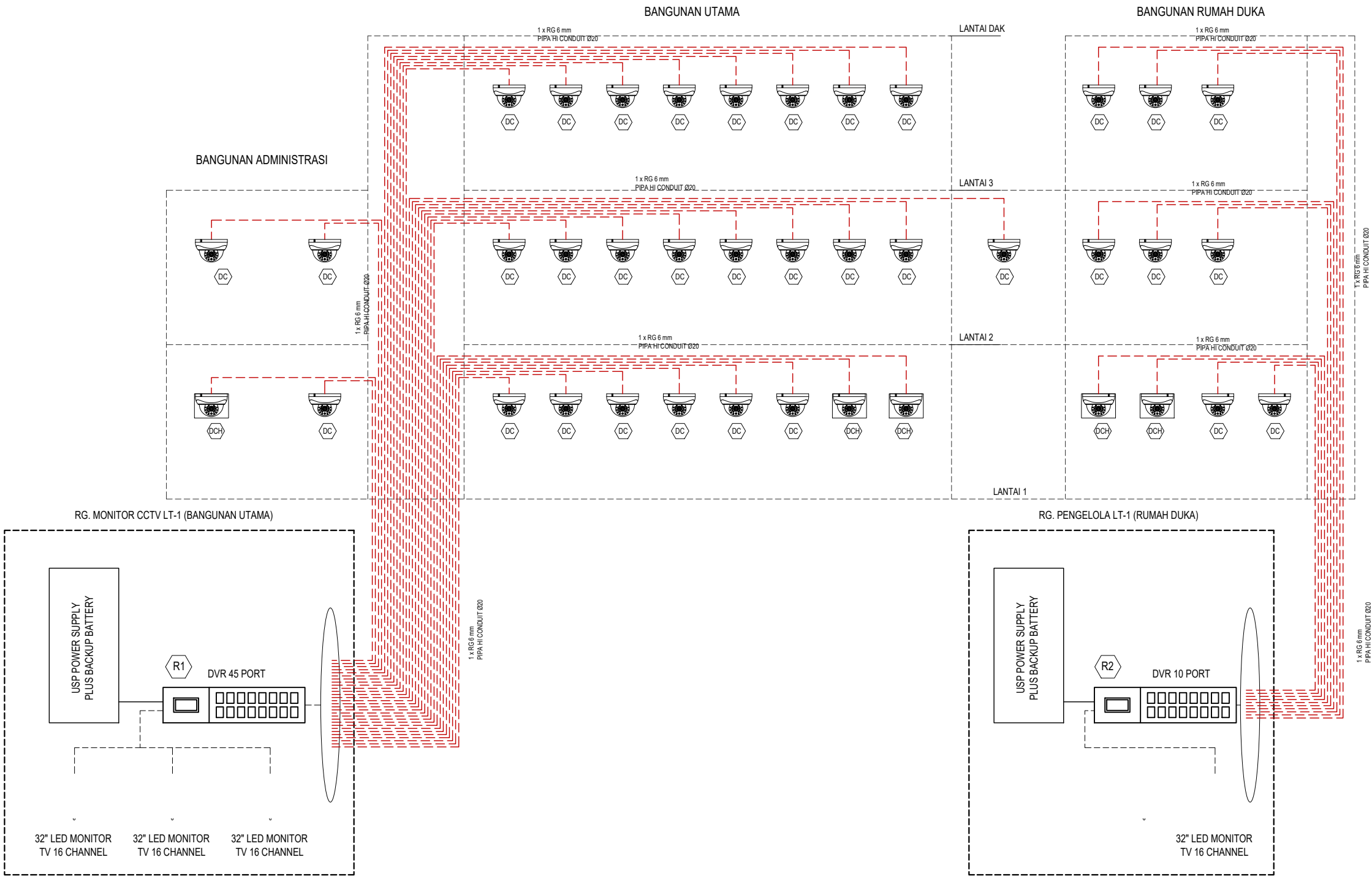


DIAGRAM GARIS CCTV

SCALE
NTS



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

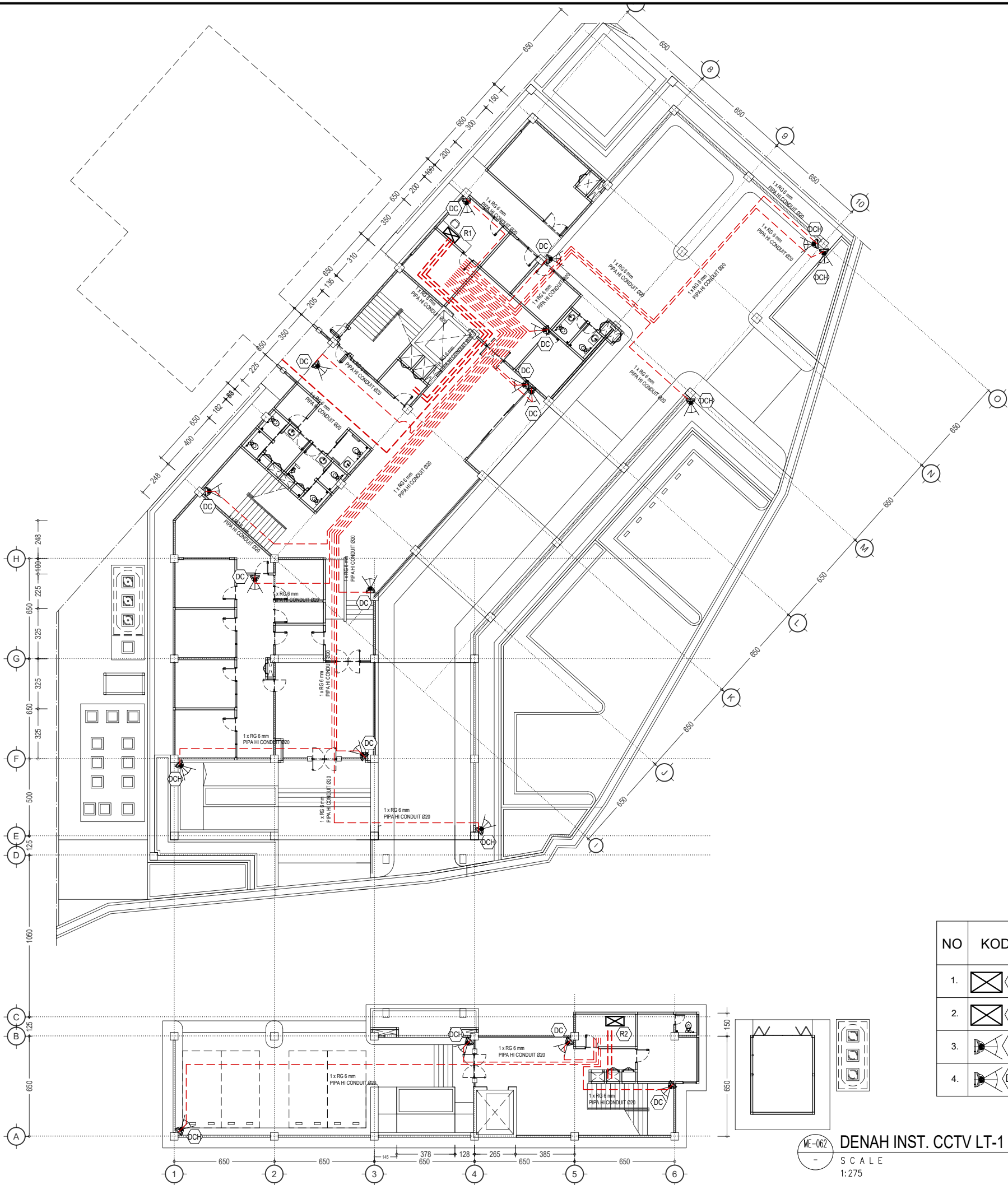
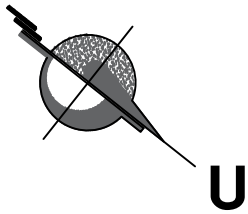
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. CCTV LT-1 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-062

302



NO	KODE	KETERANGAN	JUM
1.	R1	DIGITAL VIDEO RECORDER (DVR) 45 PORT, 3 MONITOR	01 UNIT
2.	R2	DIGITAL VIDEO RECORDER (DVR) 10 PORT, 1 MONITOR	01 UNIT
3.	DC	FIX DOME CAMERA NIGHT & DAY (INDOOR)	14 BH
4.	DCH	FIX DOME CAMERA NIGHT & DAY + HOUSING (OUTDOOR)	07 BH

ME-062
-
DENAH INST. CCTV LT-1 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

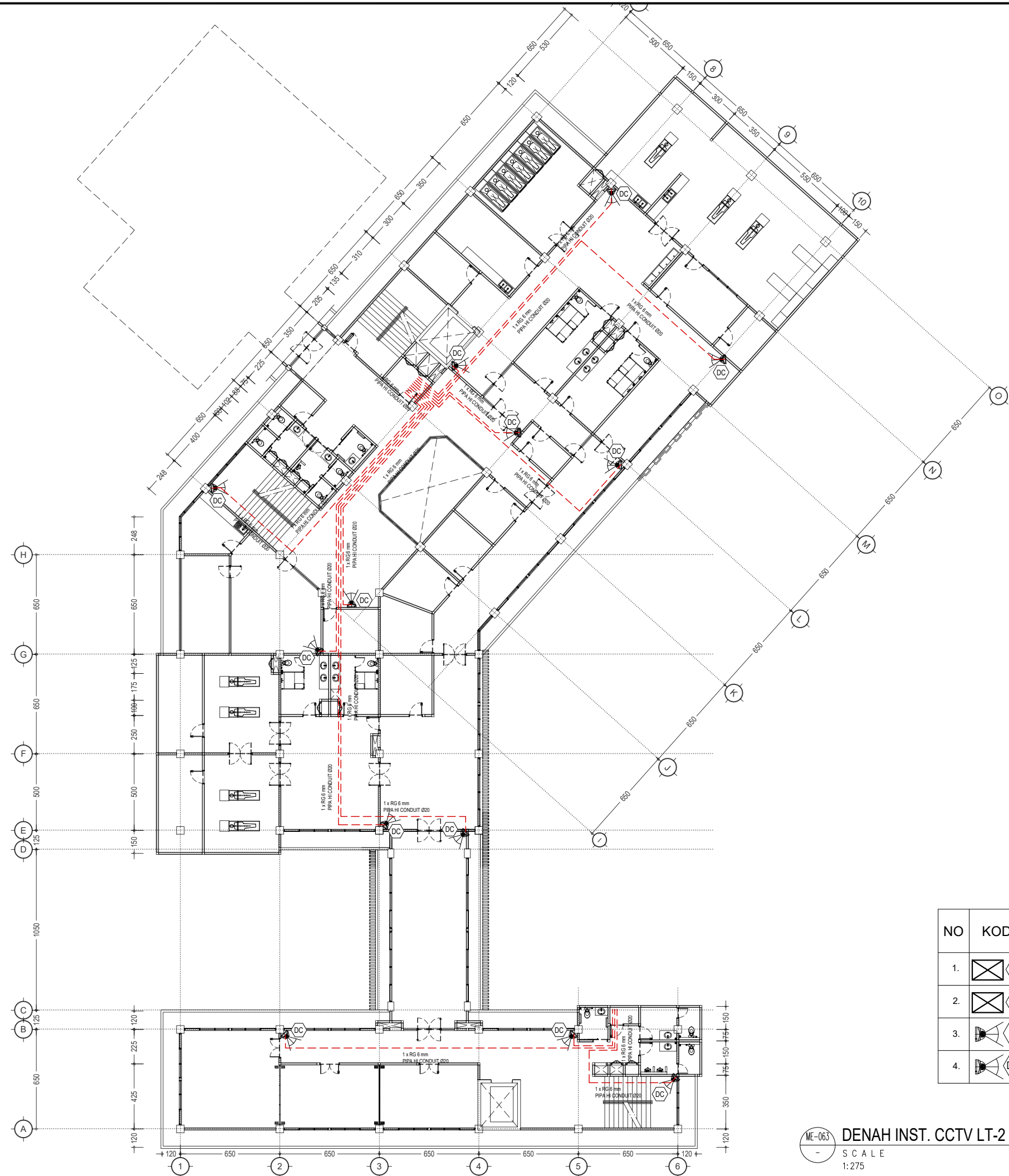
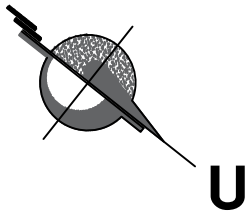
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. CCTV LT-2 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-063

302



NO	KODE	KETERANGAN	JUM
1.	R1	DIGITAL VIDEO RECORDER (DVR) 45 PORT, 3 MONITOR	-
2.	R2	DIGITAL VIDEO RECORDER (DVR) 10 PORT, 1 MONITOR	-
3.	DC	FIX DOME CAMERA NIGHT & DAY (INDOOR)	15 BH
4.	DCH	FIX DOME CAMERA NIGHT & DAY + HOUSING (OUTDOOR)	-

ME-063
-
DENAH INST. CCTV LT-2 (BANG. UTAMA)
SCALE
1:275



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

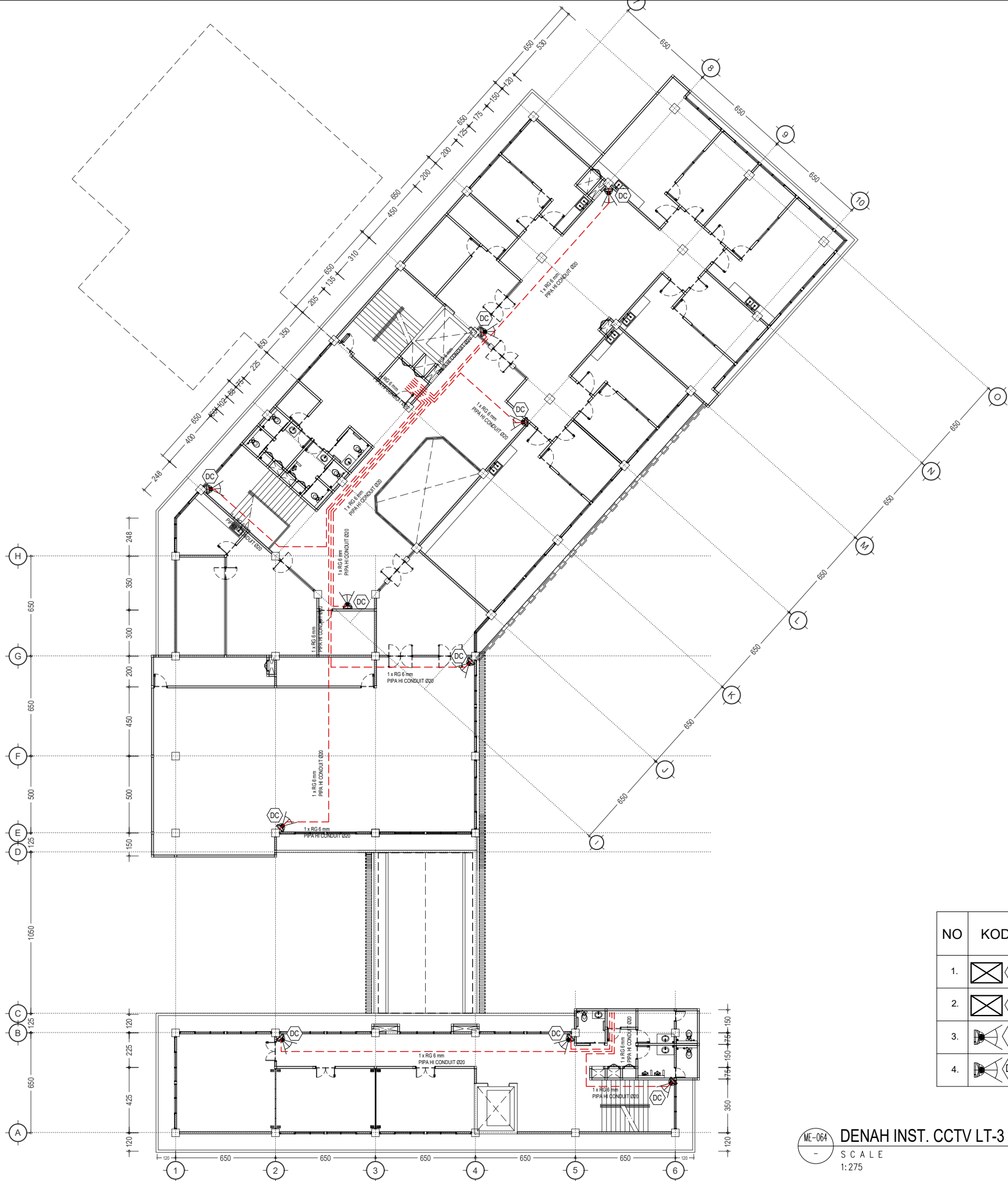
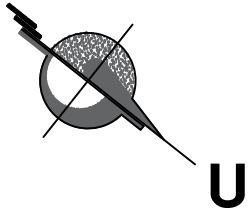
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. CCTV LT-3 (BANG. UTAMA)	1:275

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-064

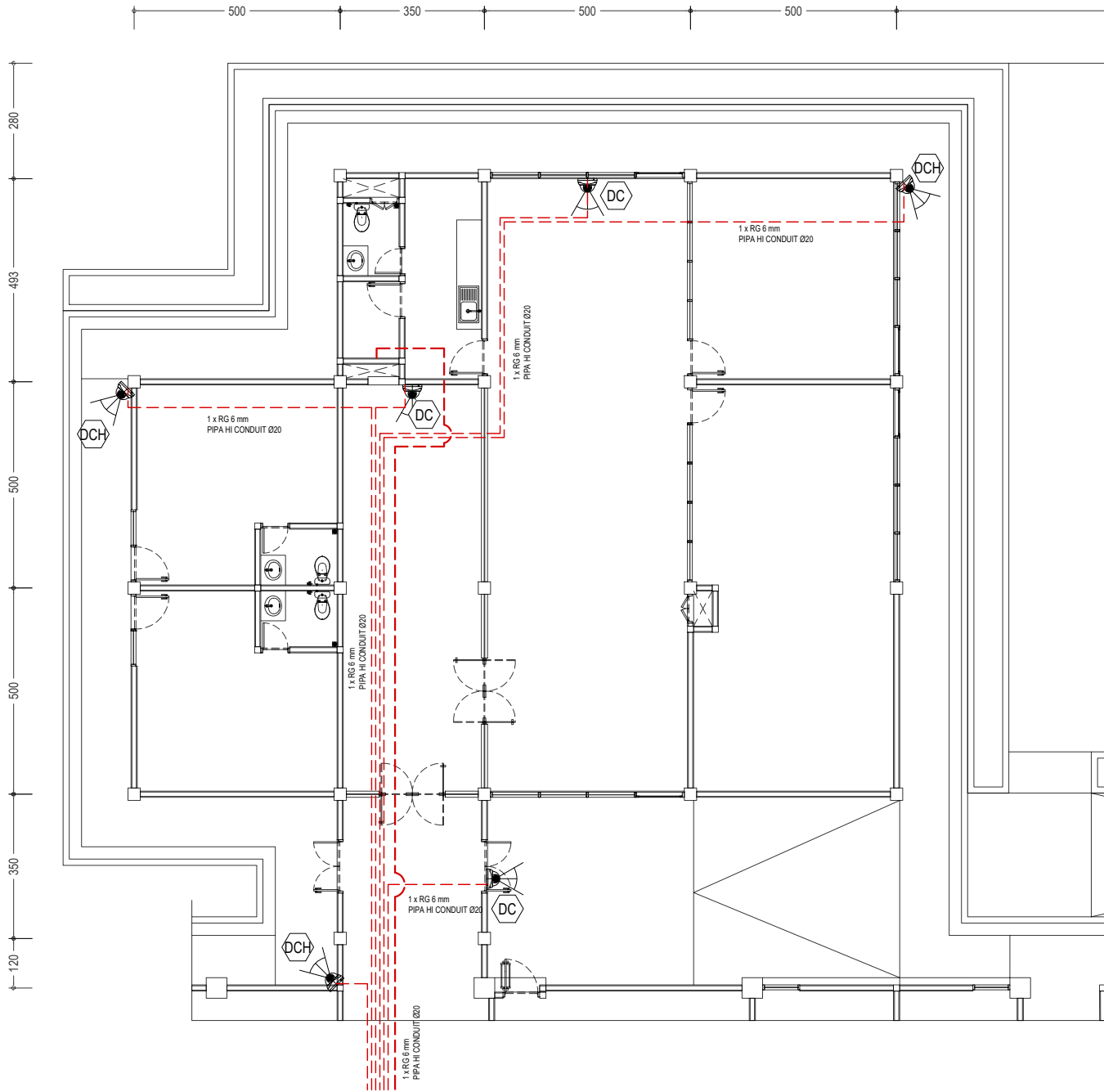
302



NO	KODE	KETERANGAN	JUM
1.	R1	DIGITAL VIDEO RECORDER (DVR) 45 PORT, 3 MONITOR	-
2.	R2	DIGITAL VIDEO RECORDER (DVR) 10 PORT, 1 MONITOR	-
3.	DC	FIX DOME CAMERA NIGHT & DAY (INDOOR)	12 BH
4.	DCH	FIX DOME CAMERA NIGHT & DAY + HOUSING (OUTDOOR)	-

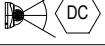
ME-064
-
DENAH INST. CCTV LT-3 (BANG. UTAMA)
SCALE
1:275

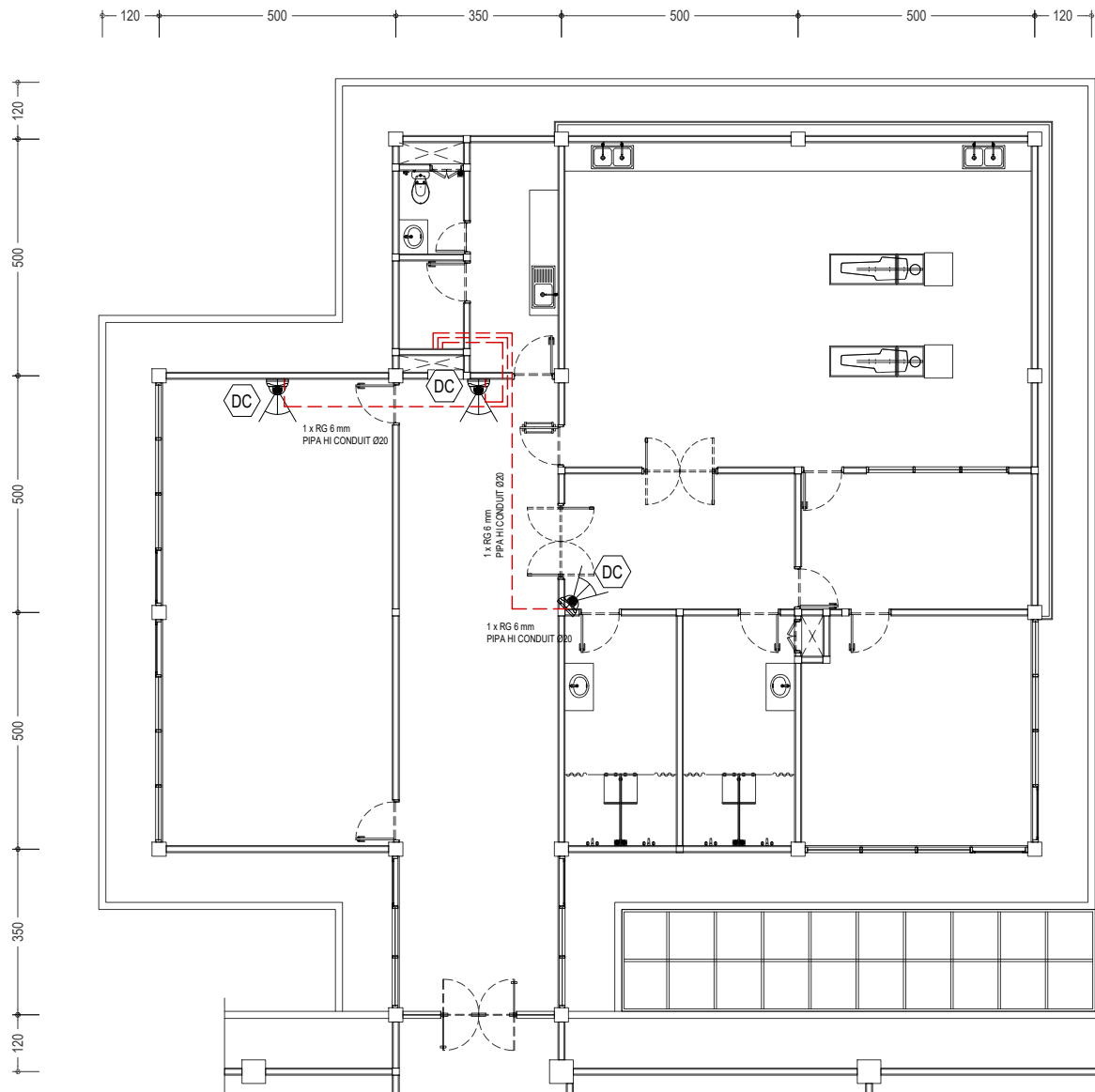
NO	KODE	KETERANGAN	JUM
1.	 R1	DIGITAL VIDEO RECORDER (DVR) 45 PORT, 3 MONITOR	-
2.	 R2	DIGITAL VIDEO RECORDER (DVR) 10 PORT, 1 MONITOR	-
3.	 DC	FIX DOME CAMERA NIGHT & DAY (INDOOR)	03 BH
4.	 DCH	FIX DOME CAMERA NIGHT & DAY + HOUSING (OUTDOOR)	03 BH



ME-065
-
SCALE
1:150

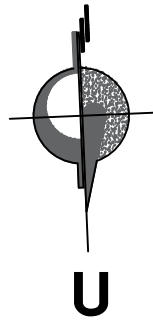
DENAH INST. CCTV (BANG. ADM) LT-1

NO	KODE	KETERANGAN	JUM
1.	 R1	DIGITAL VIDEO RECORDER (DVR) 45 PORT, 3 MONITOR	-
2.	 R2	DIGITAL VIDEO RECORDER (DVR) 10 PORT, 1 MONITOR	-
3.	 DC	FIX DOME CAMERA NIGHT & DAY (INDOOR)	03 BH
4.	 DCH	FIX DOME CAMERA NIGHT & DAY + HOUSING (OUTDOOR)	-



ME-065
-
SCALE
1:150

DENAH INST. CCTV (BANG. ADM) LT-2



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. CCTV (BANG. ADM)	1:150

REVISI	TANGGAL
R-05	24/01/25
NO. GAMBAR	JUM. GAMBAR

ME-065

302