



UNIVERSITAS HASANUDDIN
2026

PROYEK

PEMBANGUNAN
GEDUNG DEPARTEMEN
FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN

DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

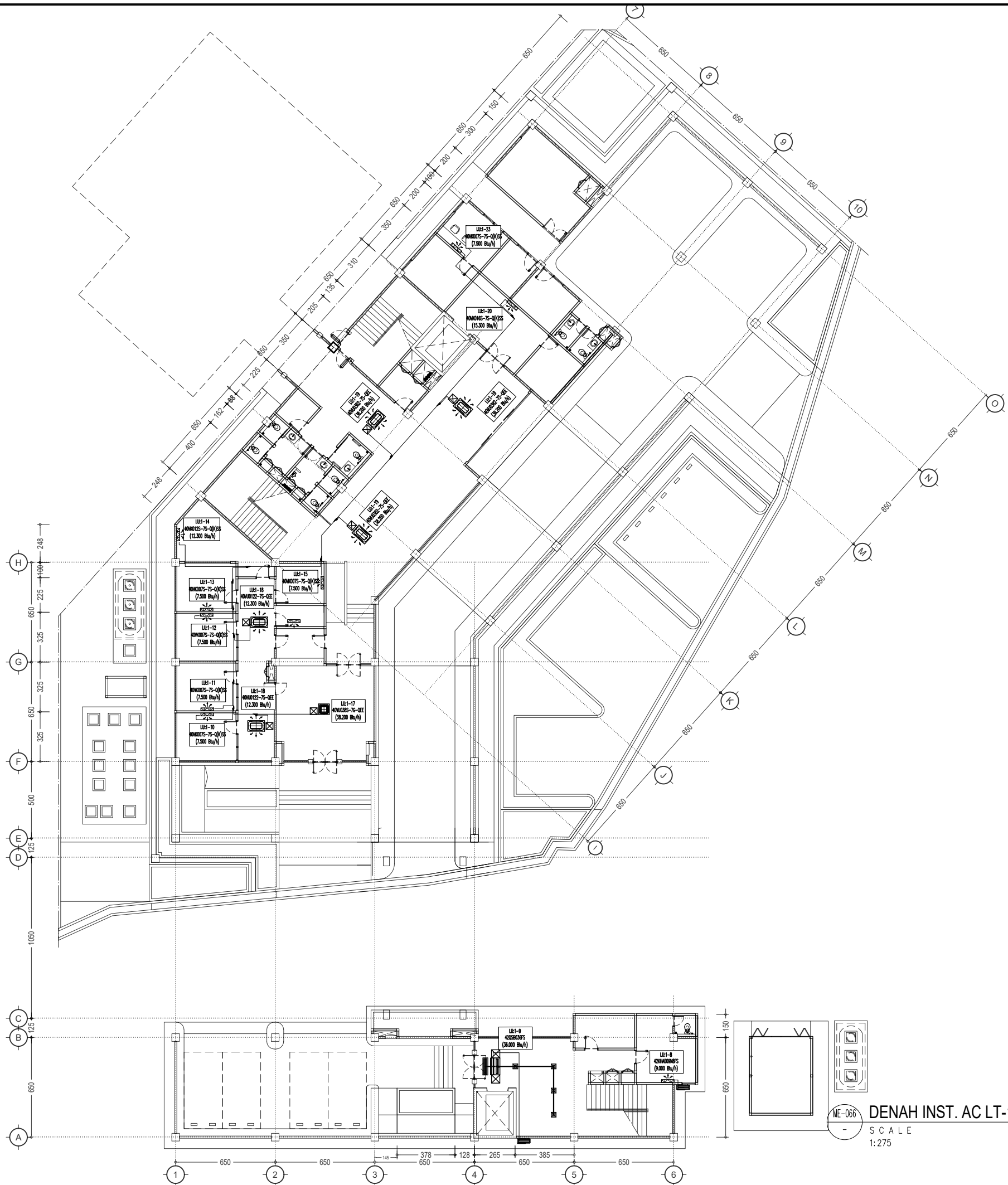
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Arsitek		
Sipil		
MEP		

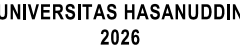
GAMBAR	SKALA
DENAH INST. AC LT-1 (BANG. UTAMA)	1:275

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

ME-066

302





PROYEK

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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN**

DIPERIKSA

DIKETAHUI

DISETUJUI

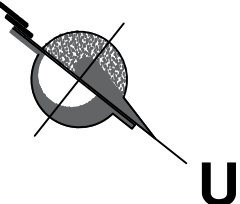
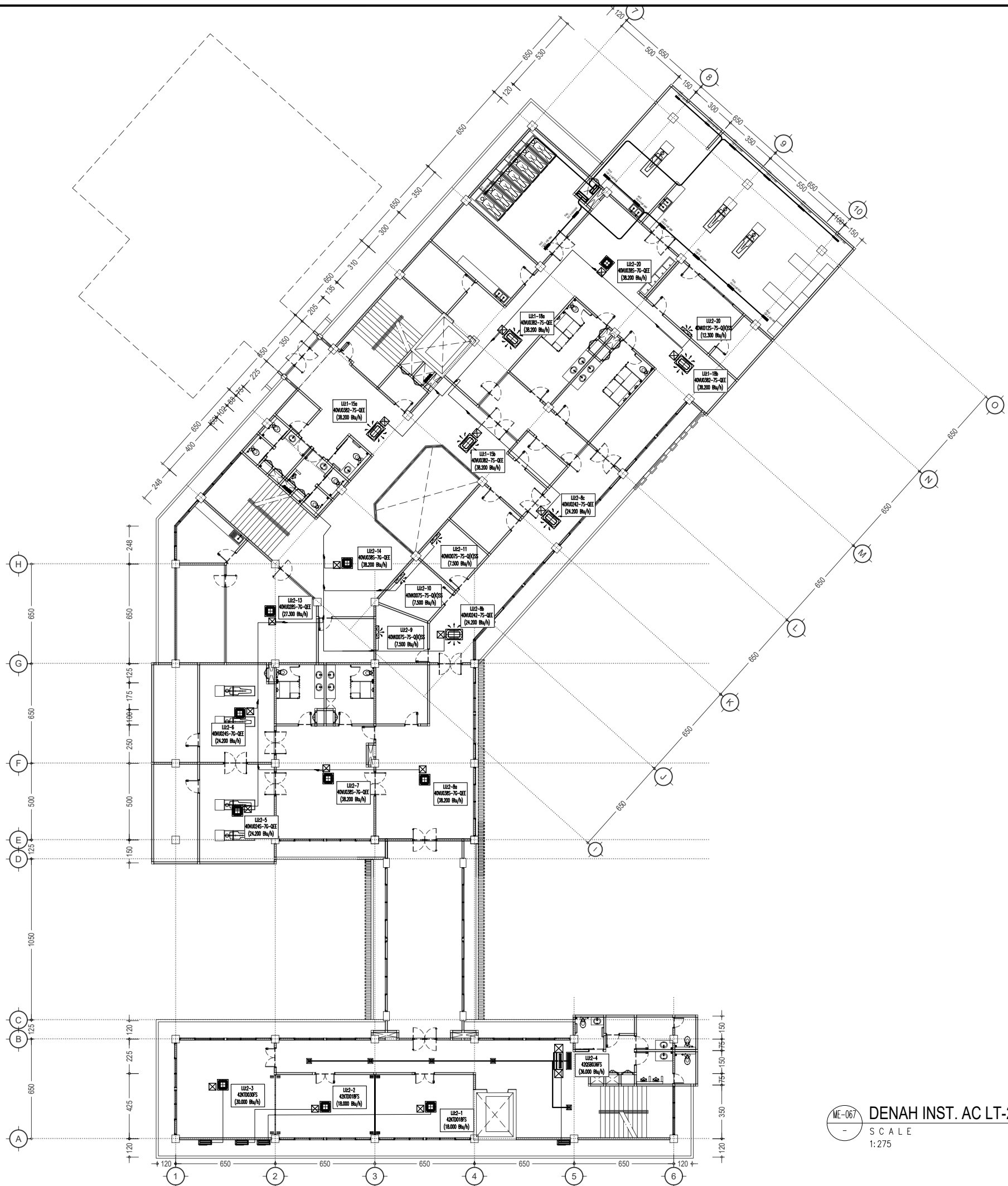
KONSULTAN PERENCANA

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

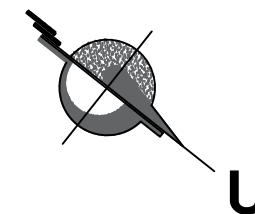
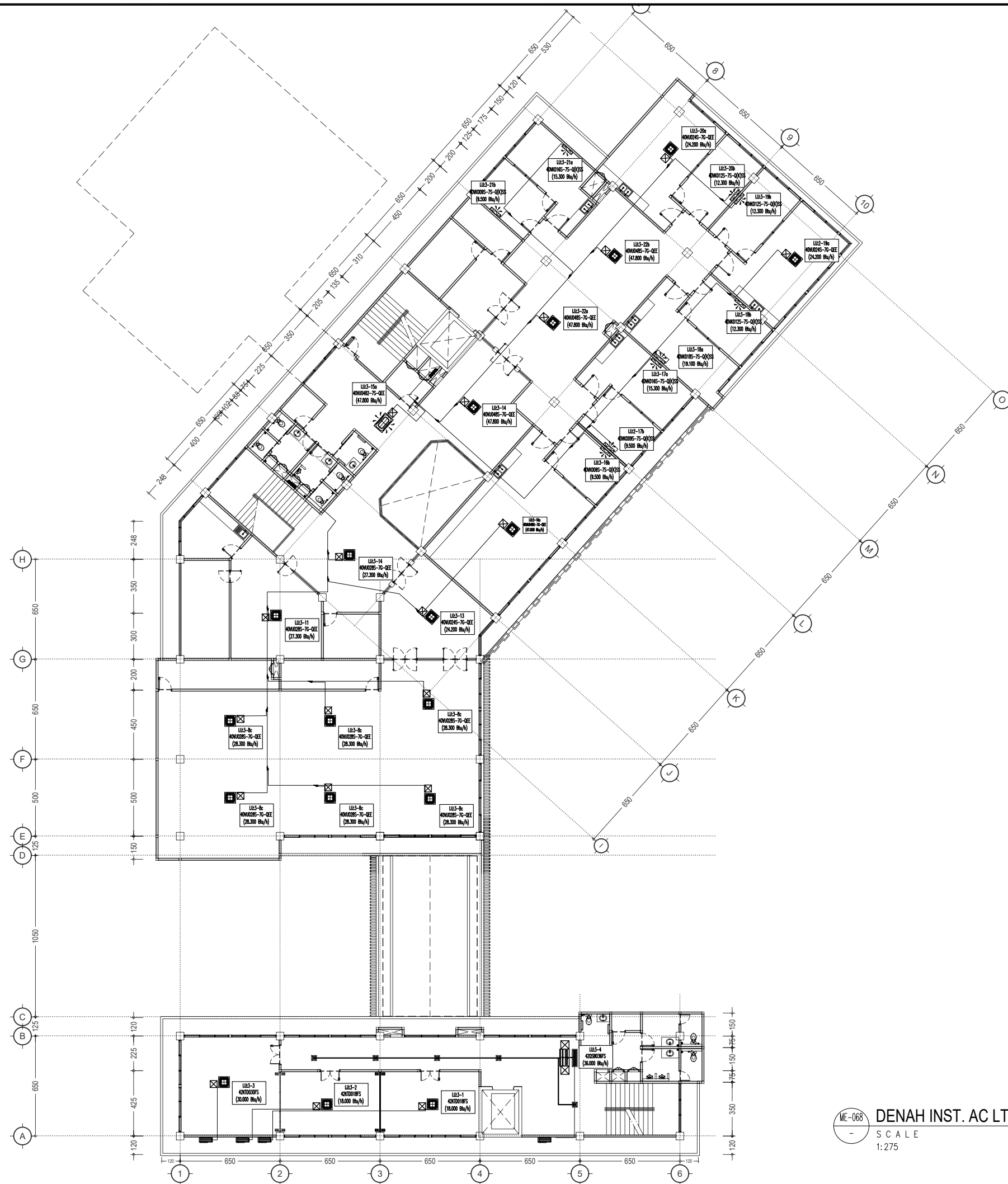
REVISI	TANGGAL
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302



ME-067 DENAH INST. AC LT-2 (BANG. UTAMA)
- SCALE
1:275



ME-068 DENAH INST. AC LT-3 (BANG. UTAMA)
SCALE
1:275



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DIKETAHUI

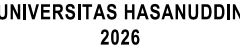
DISETUJUI

KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

REVISI	TANGGAL
R-05	24/01/25

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DIPERIKSA

DIKETAHUI

DISETUJUI

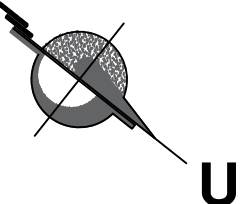
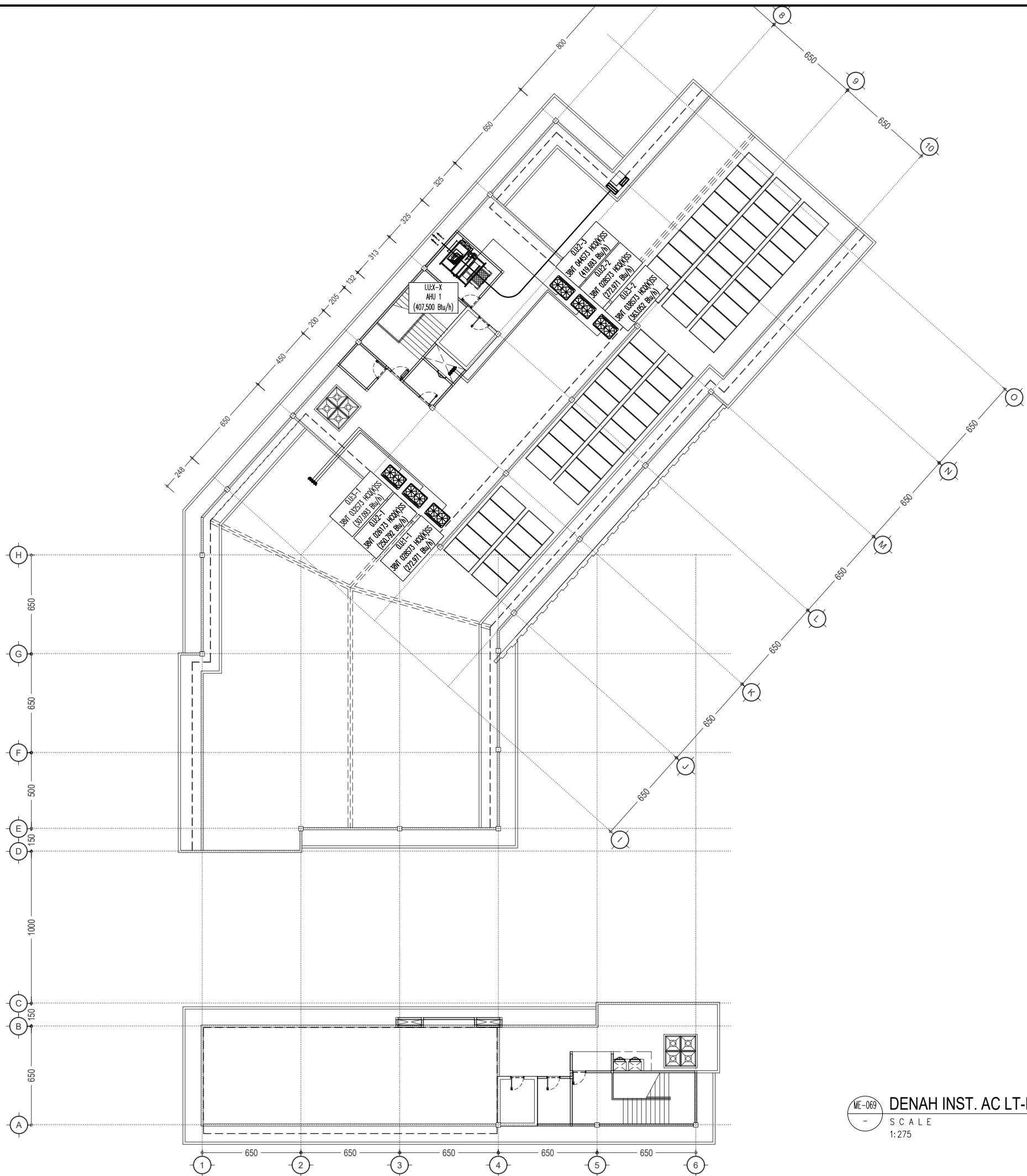
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GAMBAR	SKALA
DENAH INST. AC LT-DAK (BANG. UTAMA)	1:275

REVISI	TANGGAL
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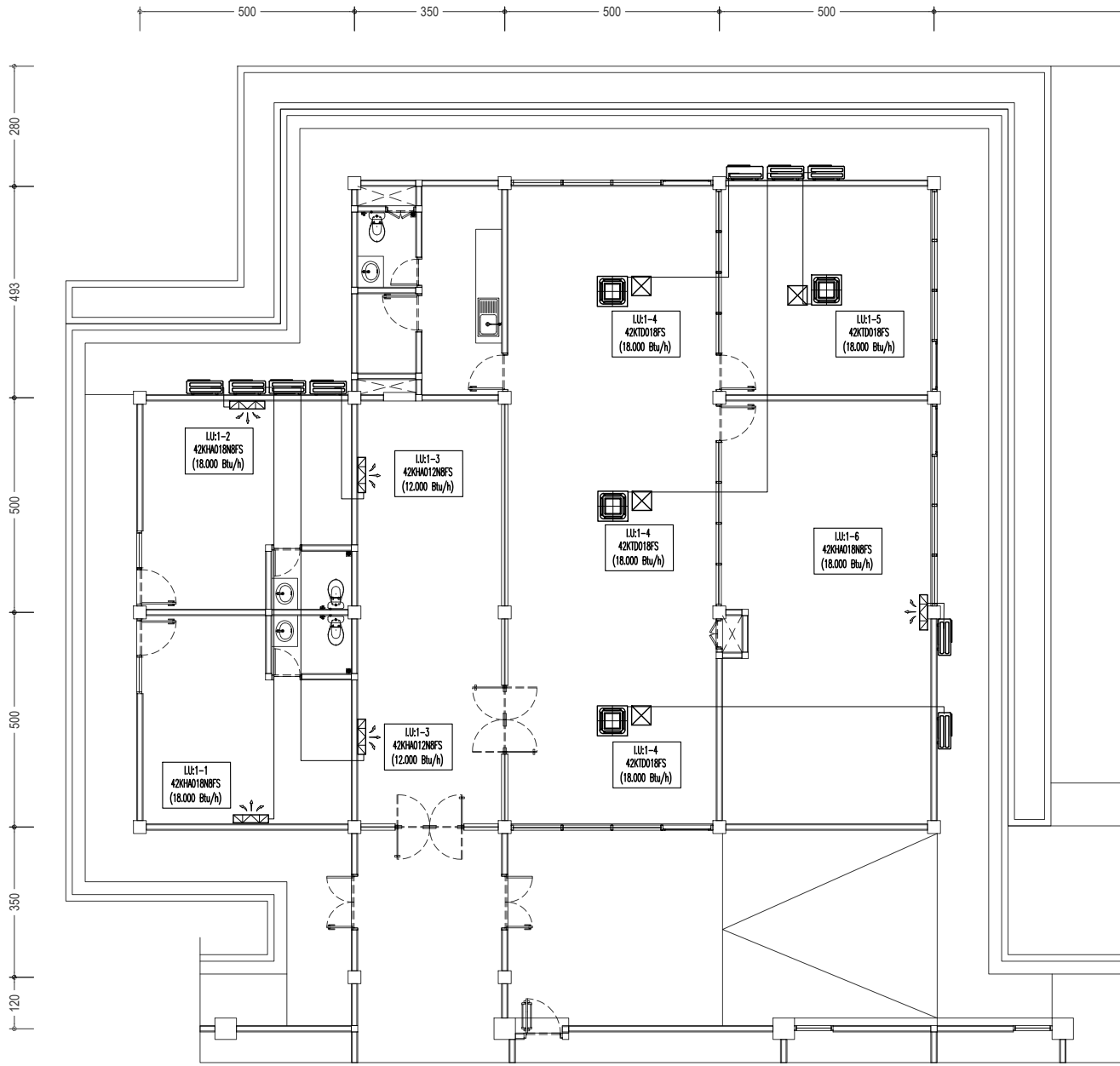
ME-069

302



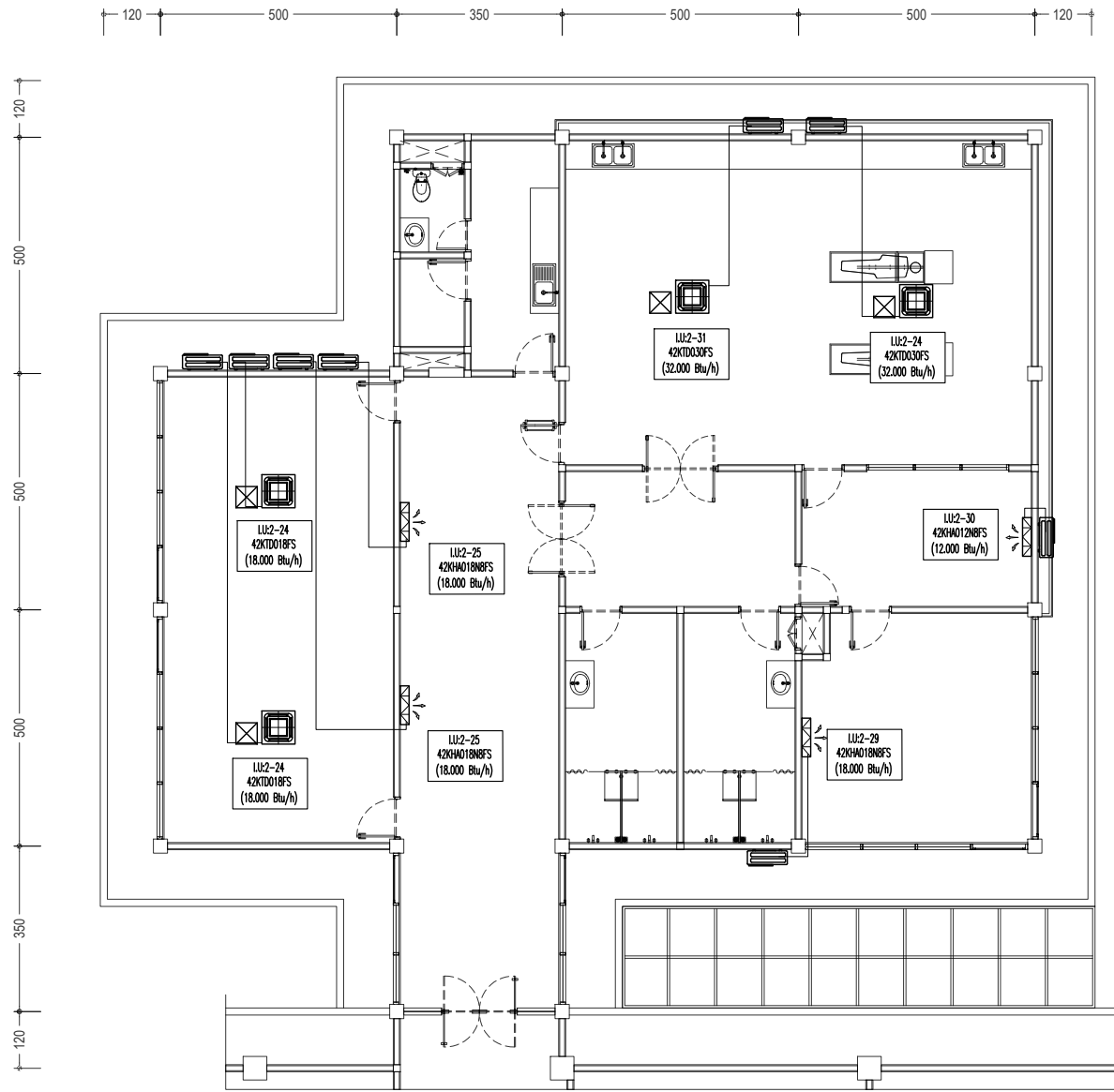
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SCALE
1:275



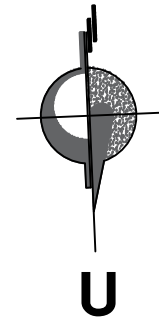
ME-070
-
SCALE
1:150

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



ME-070
-
SCALE
1:150

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



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DISETUJUI

KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

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

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KONSULTAN PERENCANA

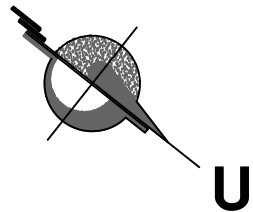
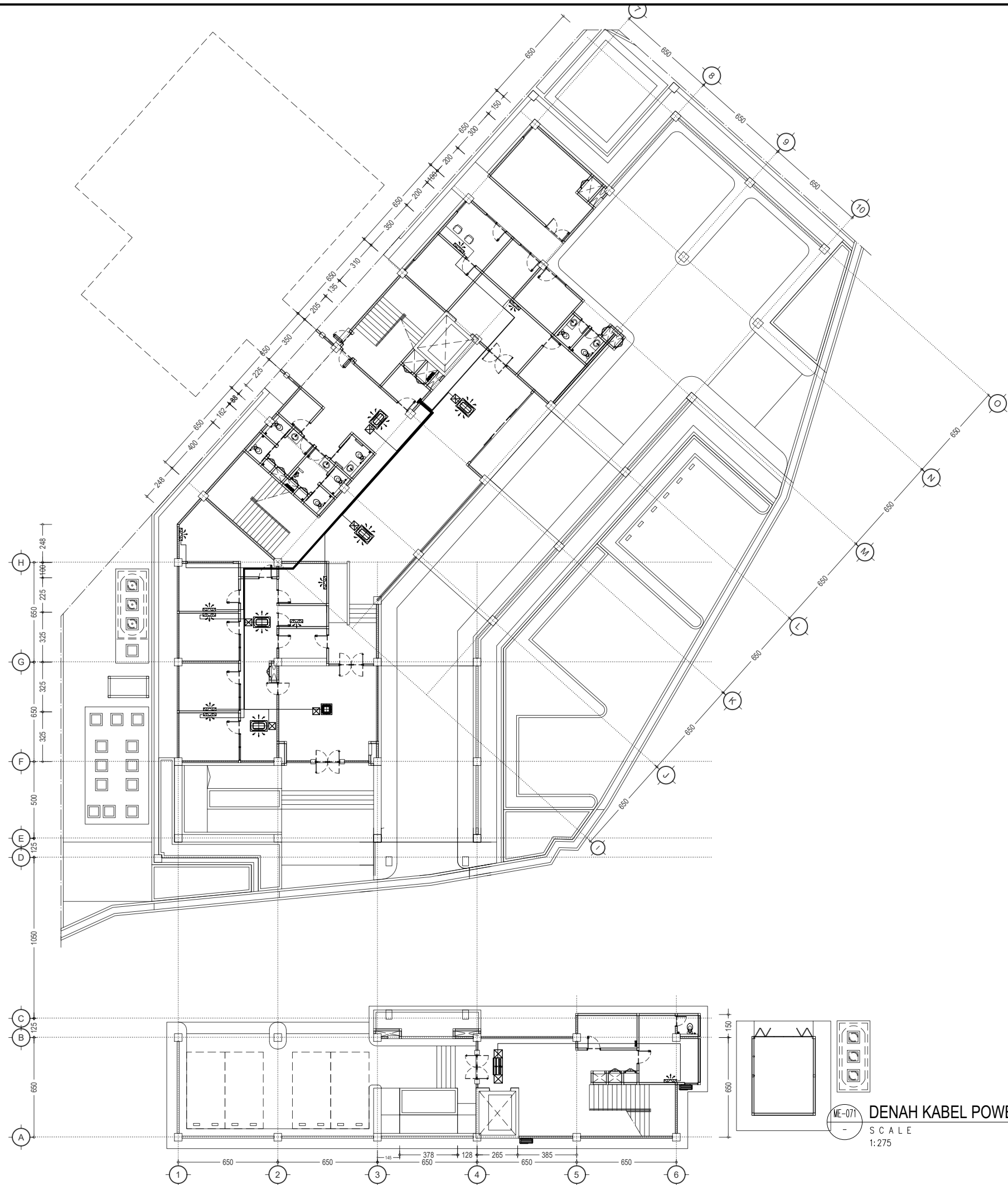
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH KABEL POWER AC LT-1 (BANG. UTAMA)	1:275

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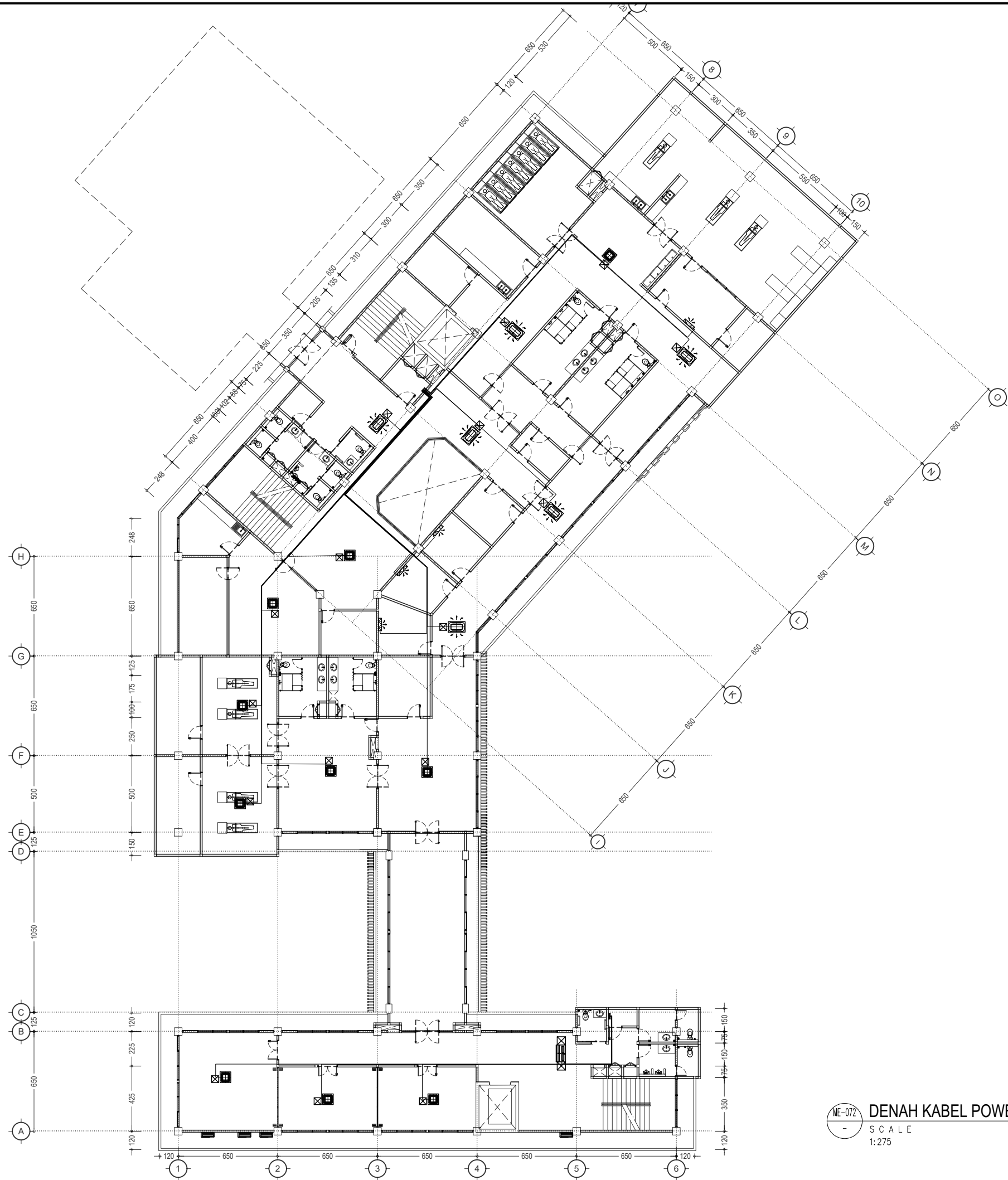
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302

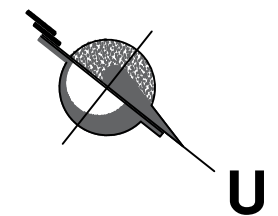


ME-071
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DENAH KABEL POWER AC LT-1 (BANG. UTAMA)
SCALE
1:275



ME-072
-
DENAH KABEL POWER AC LT-2 (BANG. UTAMA)
SCALE
1:275



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DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

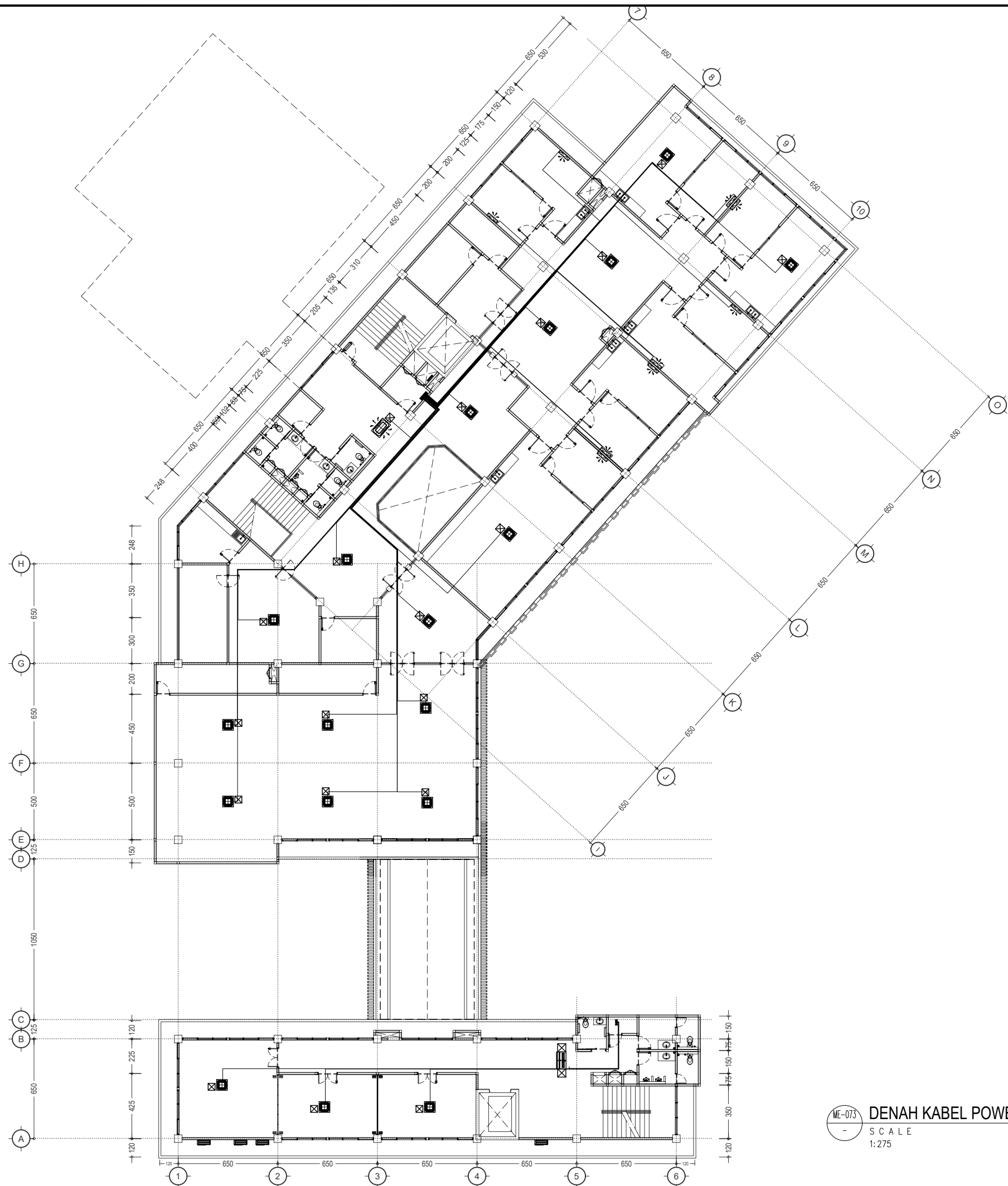
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Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH KABEL POWER AC LT-2 (BANG. UTAMA)	1:275

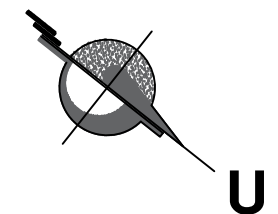
REVISI	TANGGAL
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ME-073
-
DENAH KABEL POWER AC LT-3 (BANG. UTAMA)
SCALE
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DISETUJUI

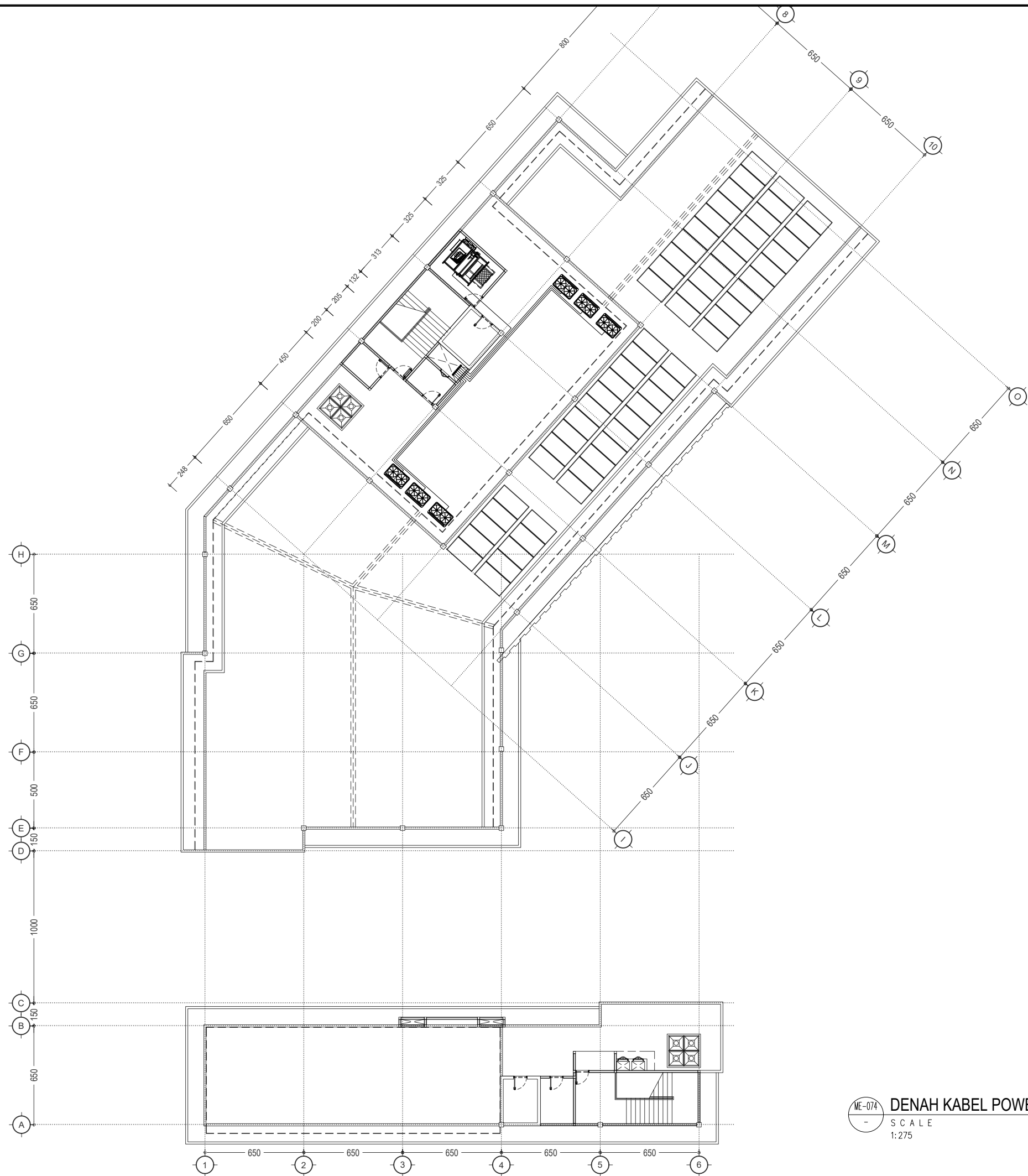
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PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH KABEL POWER AC LT-3 (BANG. UTAMA)	1:275

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ME-074
-
DENAH KABEL POWER AC LT-DAK (BANG. UTAMA)
SCALE
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DIKETAHUI

DISETUJUI

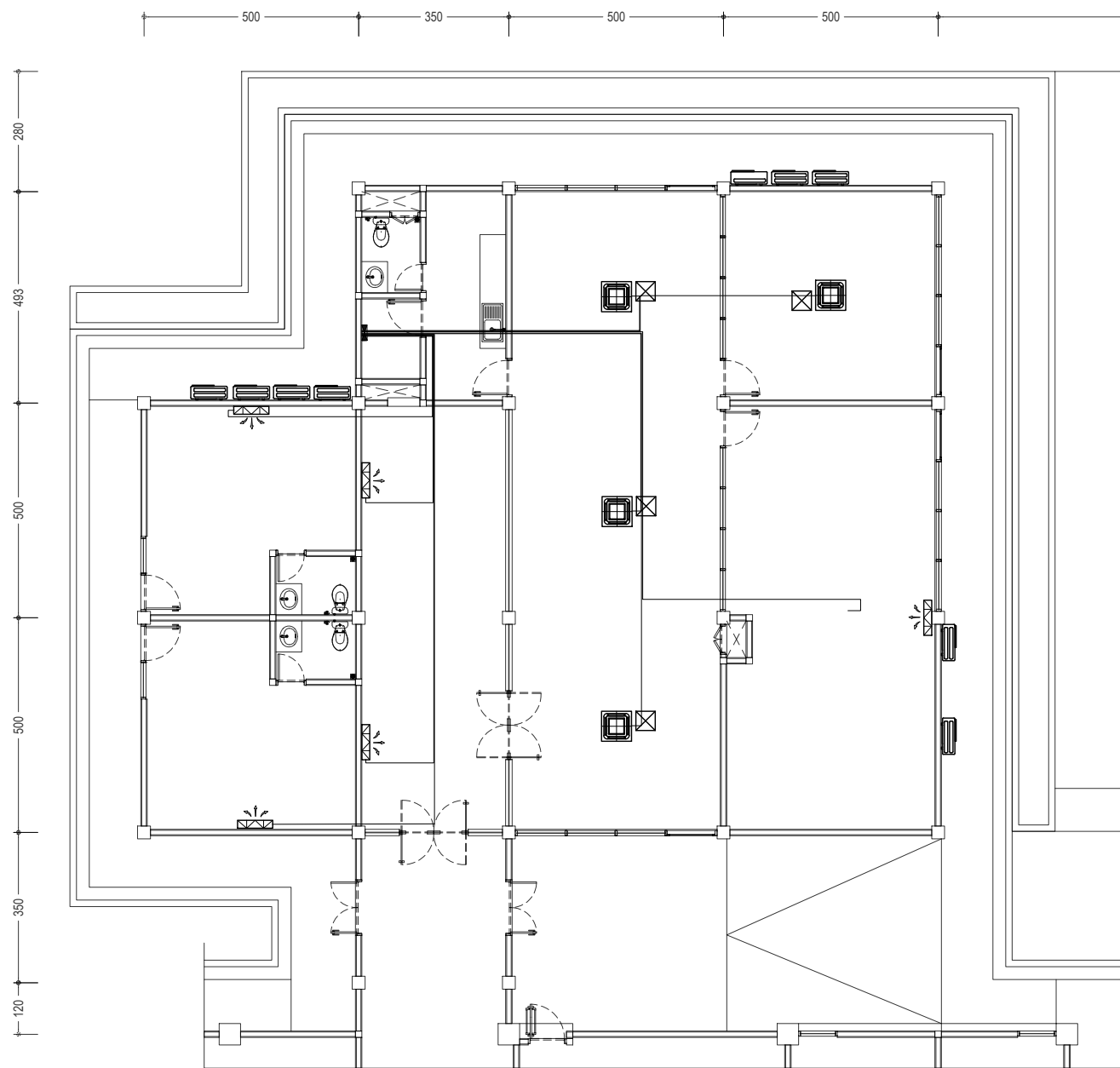
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PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH KABEL POWER AC LT-DAK (BANG. UTAMA)	1:275

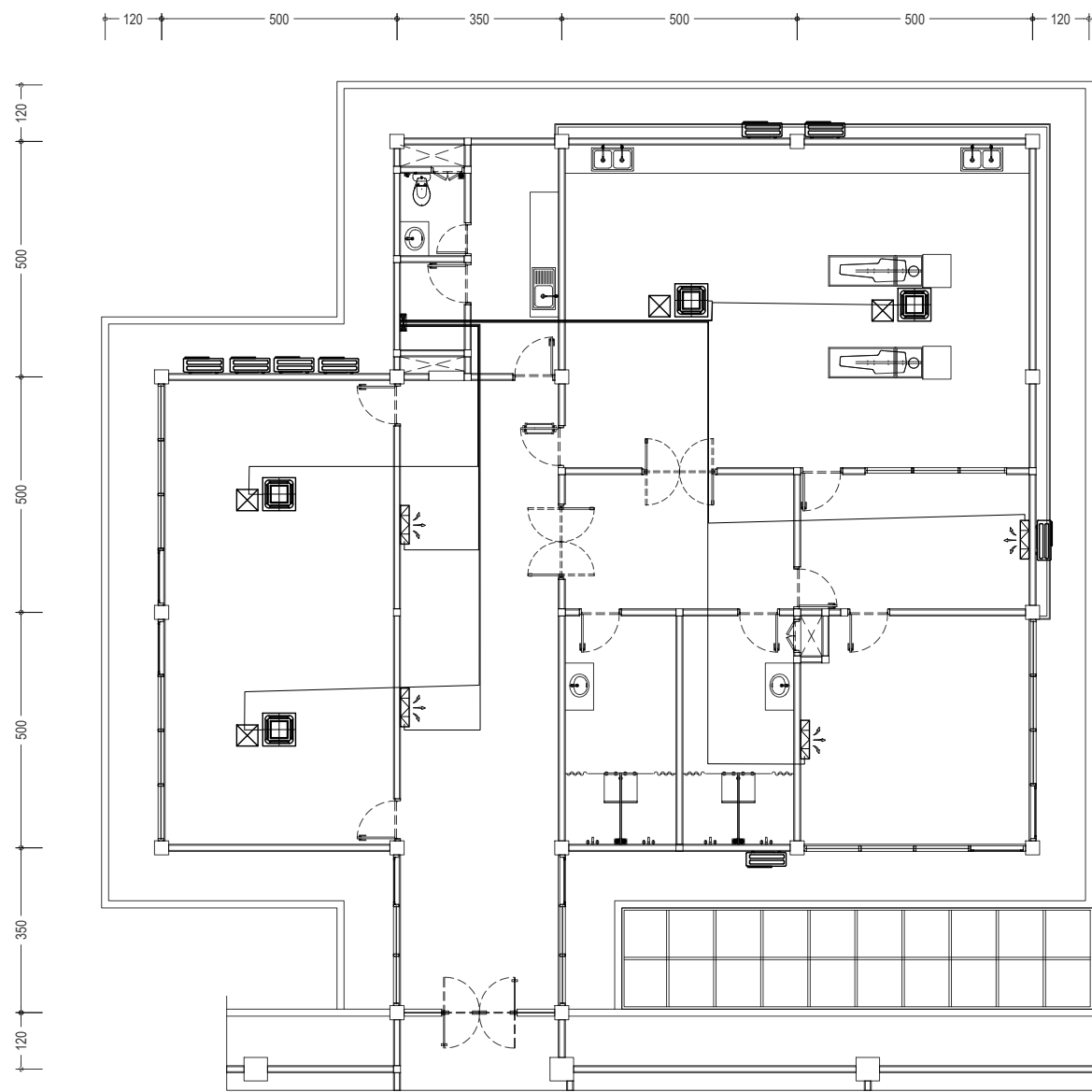
REVISI	TANGGAL
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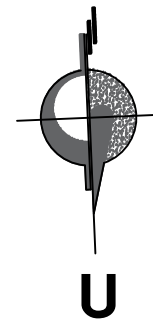
ME-075
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SCALE
1:150

DENAH KABEL POWER AC (BANG. ADM) LT-1



ME-075
-
SCALE
1:150

DENAH KABEL POWER AC (BANG. ADM) LT-2



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DISETUJUI

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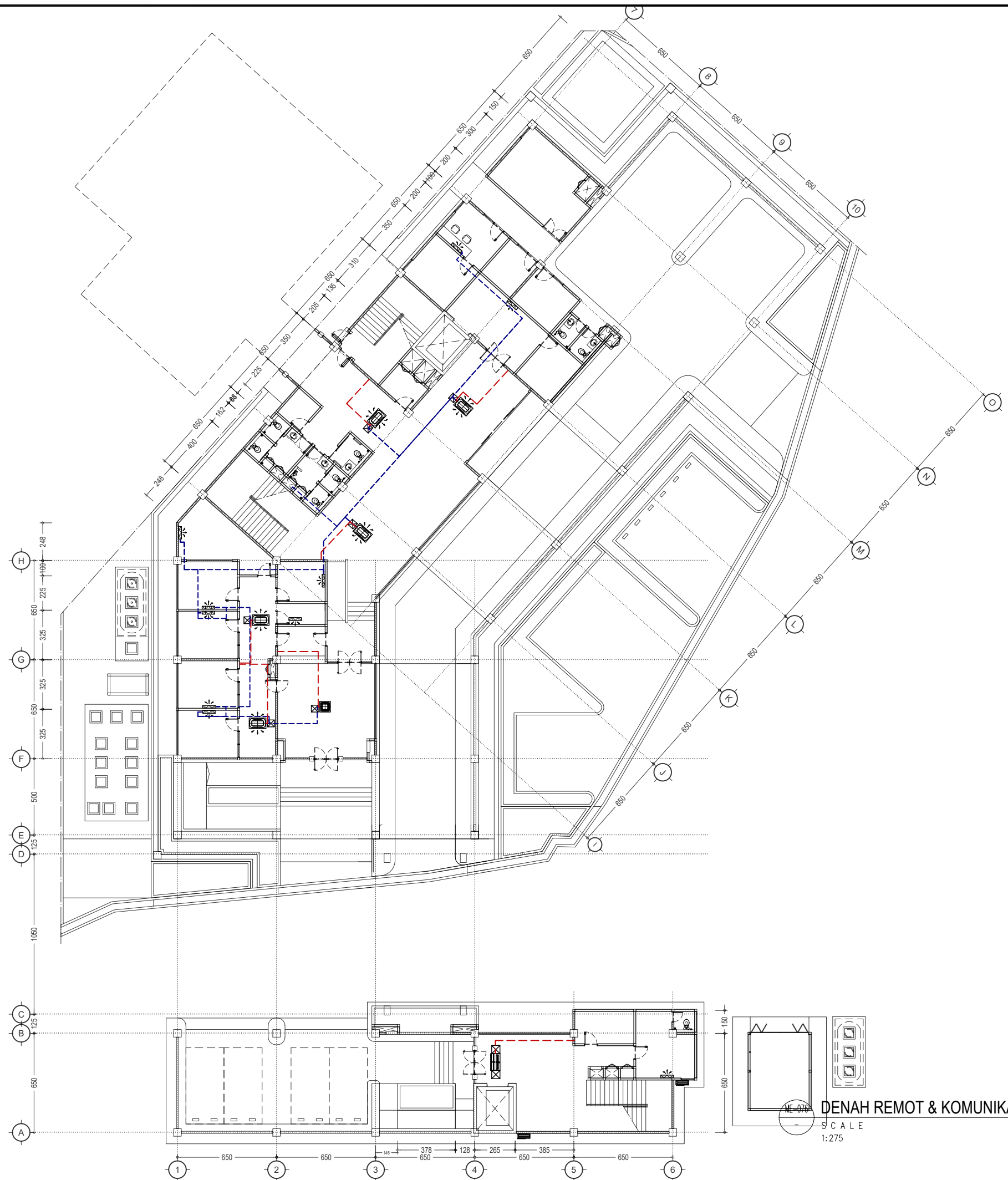
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Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH KABEL POWER AC (BANG. ADM)	1:150

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DISETUJUI

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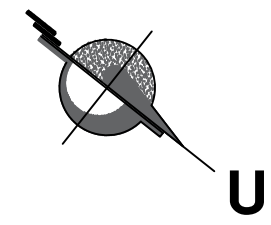
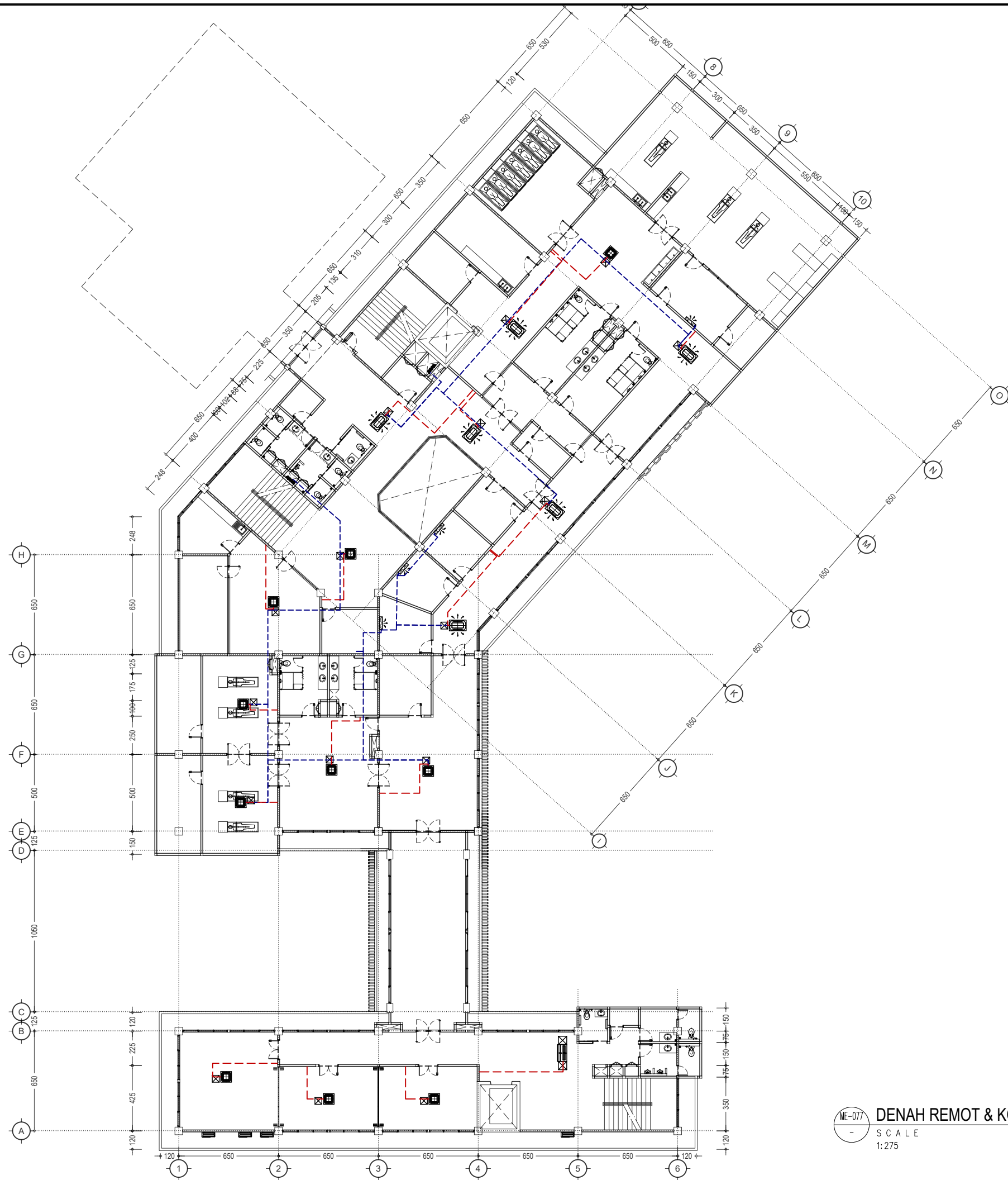
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Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH REMOT & KOMUNIKASI AC LT-1 (BANG. UTAMA)	1:275

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ME-077
-
DENAH REMOT & KOMUNIKASI AC LT- (BANG. UTAMA)
SCALE
1:275



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**PEMBANGUNAN
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FORENSIK DAN MEDIKOLEGAL
UNIVERSITAS HASANUDDIN**

DIPERIKSA

DIKETAHUI

DISETUJUI

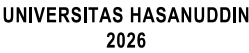
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PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH REMOT & KOMUNIKASI AC LT- (BANG. UTAMA)	1:275

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GEDUNG DEPARTEMEN
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DIPERIKSA

DIKETAHUI

DISETUJUI

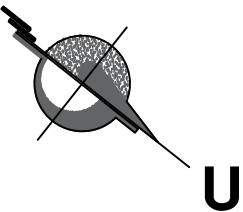
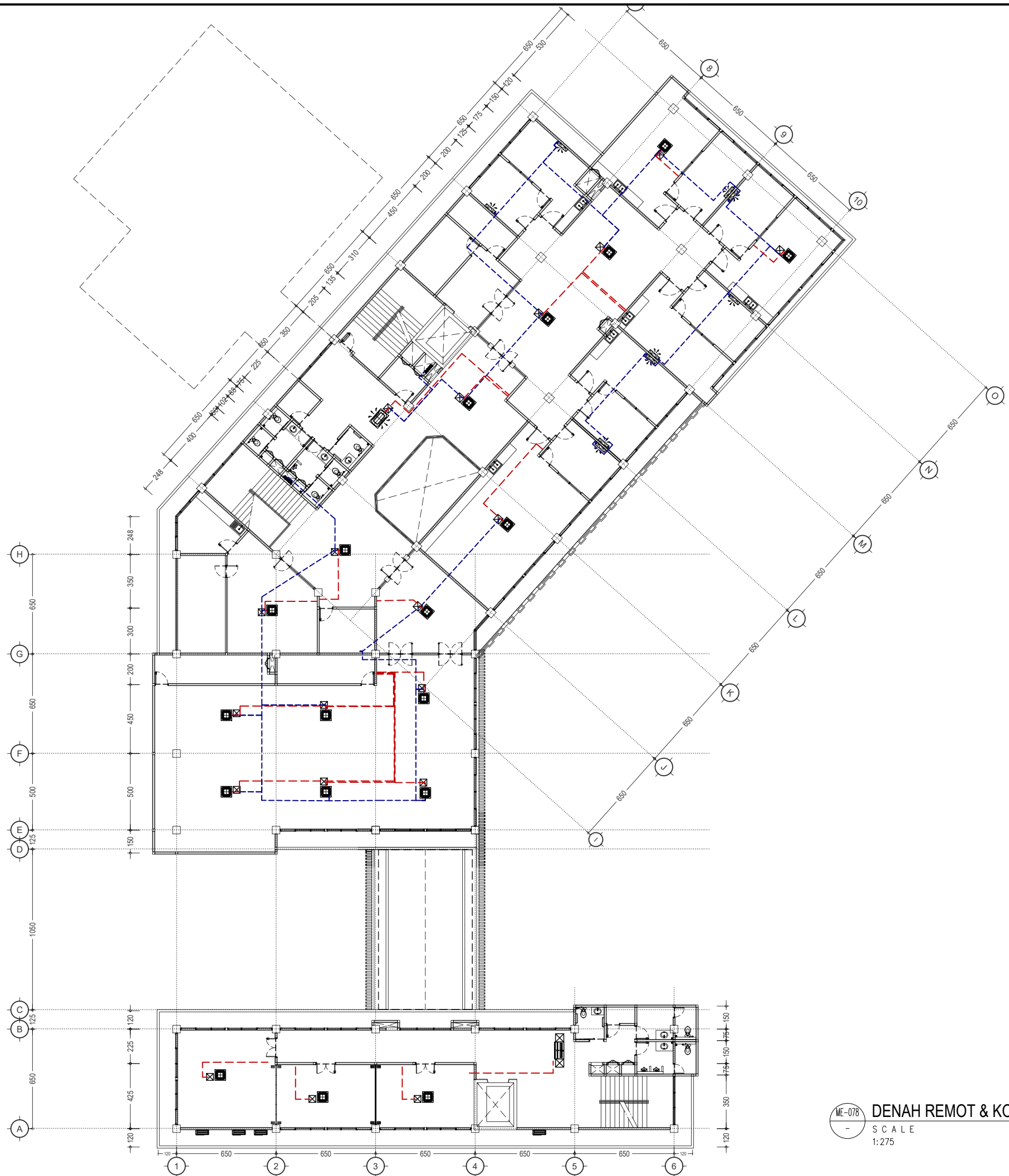
KONSULTAN PERENCANA

GAMBAR	SKALA
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NAH REMOT & KOMUNIKASI AC LT-3 (BANG. UTAMA) 1:275

ME-078

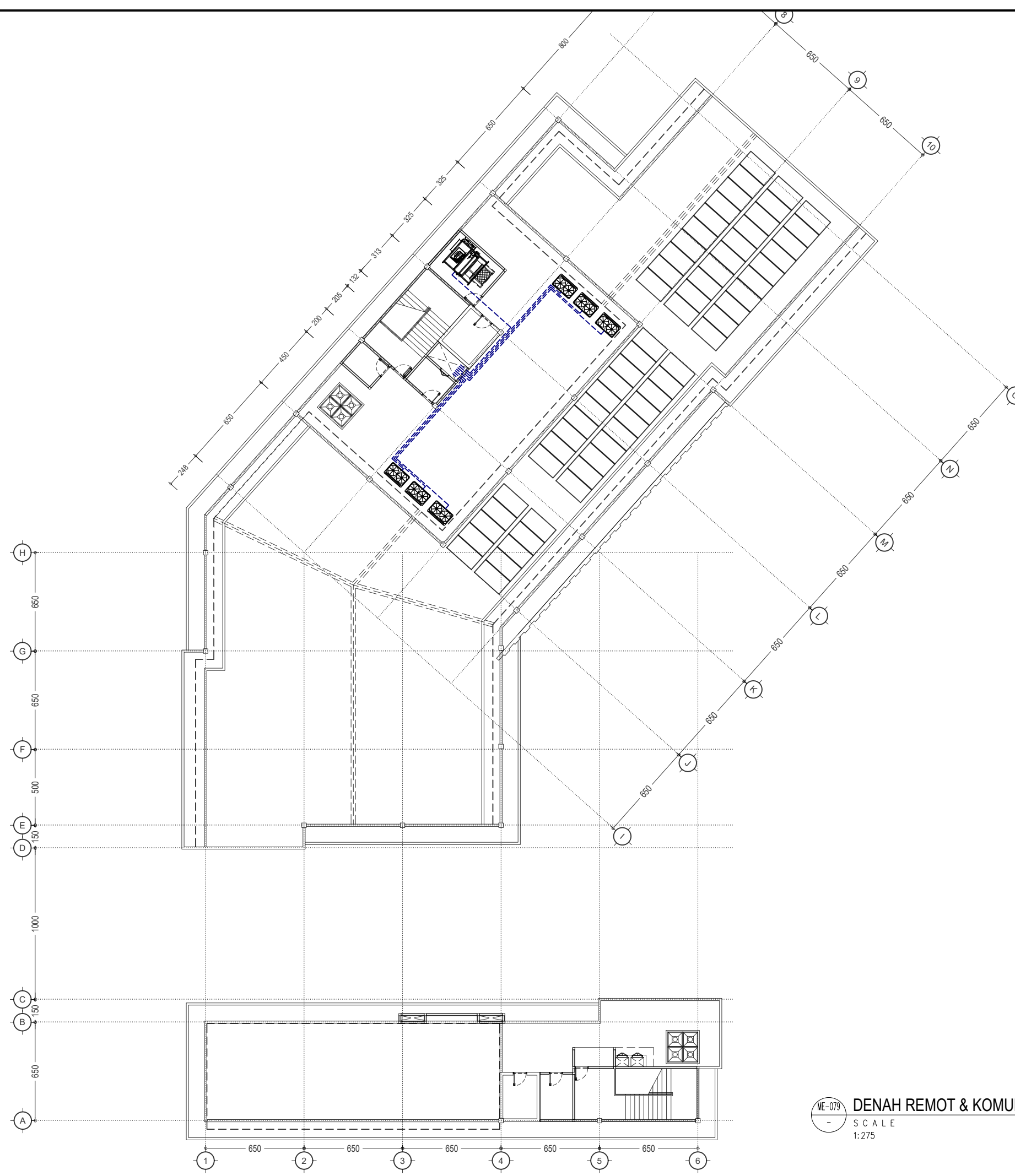
302



ME-078

DENAH REMOT & KOMUNIKASI AC LT-3 (BANG. UTAMA)

SCALE
1:275

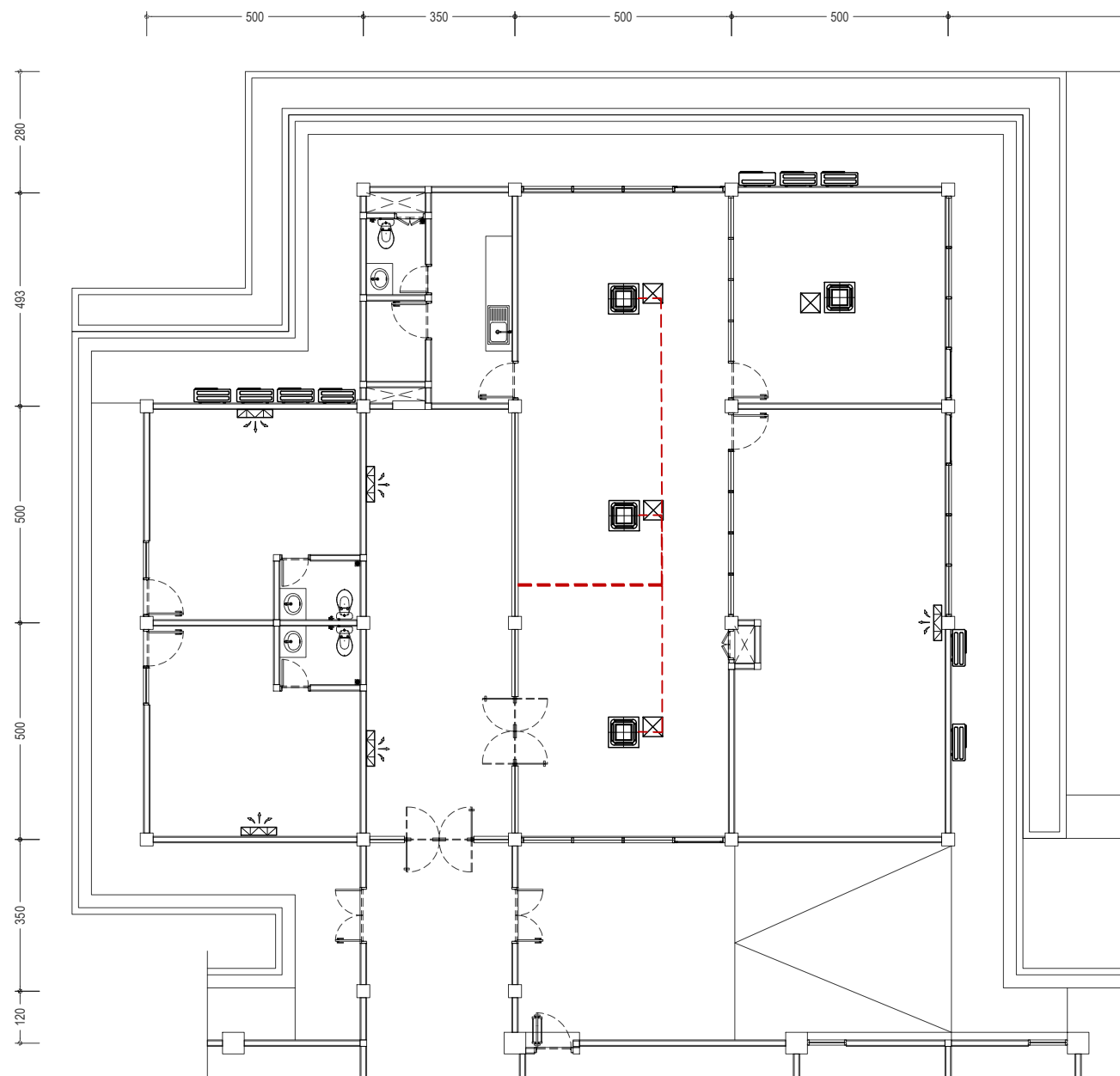


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SCALE
1:275



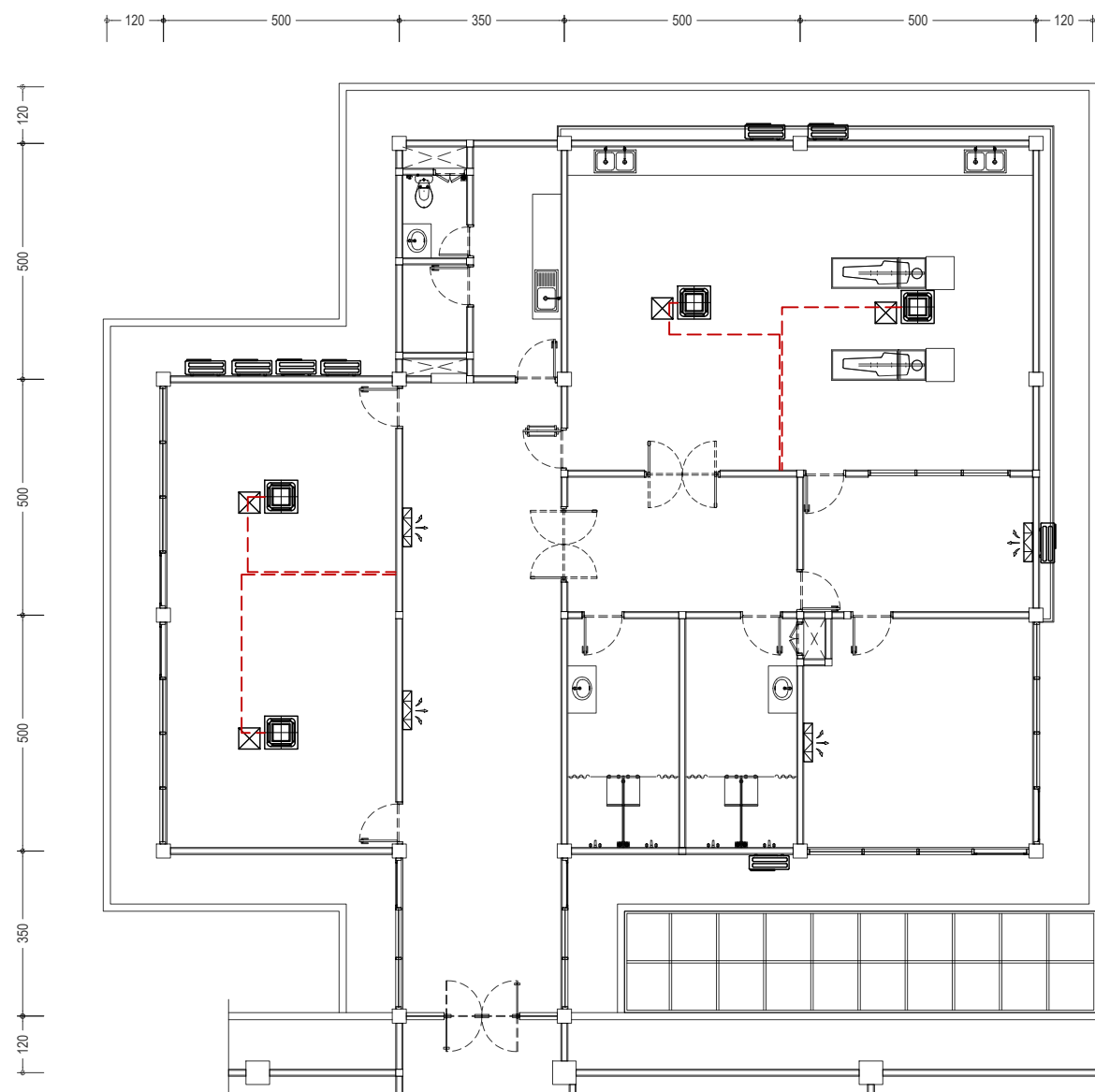
UNIVERSITAS HASANUDDIN
2026

PROYEK		
PEMBANGUNAN GEDUNG DEPARTEMEN FORENSIK DAN MEDIKOLEGAL UNIVERSITAS HASANUDDIN		
DIPERIKSA		
DIKETAHUI		
DISETUJUI		
KONSULTAN PERENCANA		
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		
GAMBAR		SKALA
DENAH REMOT & KOMUNIKASI AC LT-DAK (BANG. UTAMA)		1:275
REVISI	TANGGAL	
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ME-079	302	



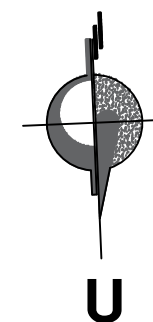
ME-080
-
SCALE
1:150

DENAH REMOT & KOMUNIKASI AC (BANG. ADM) LT-1



ME-080
-
SCALE
1:150

DENAH REMOT & KOMUNIKASI AC (BANG. ADM) LT-2



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FORENSIK DAN MEDIKOLEGAL
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DIPERIKSA

DIKETAHUI

DISETUJUI

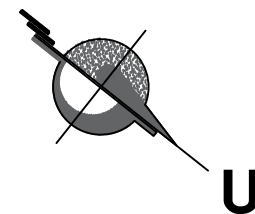
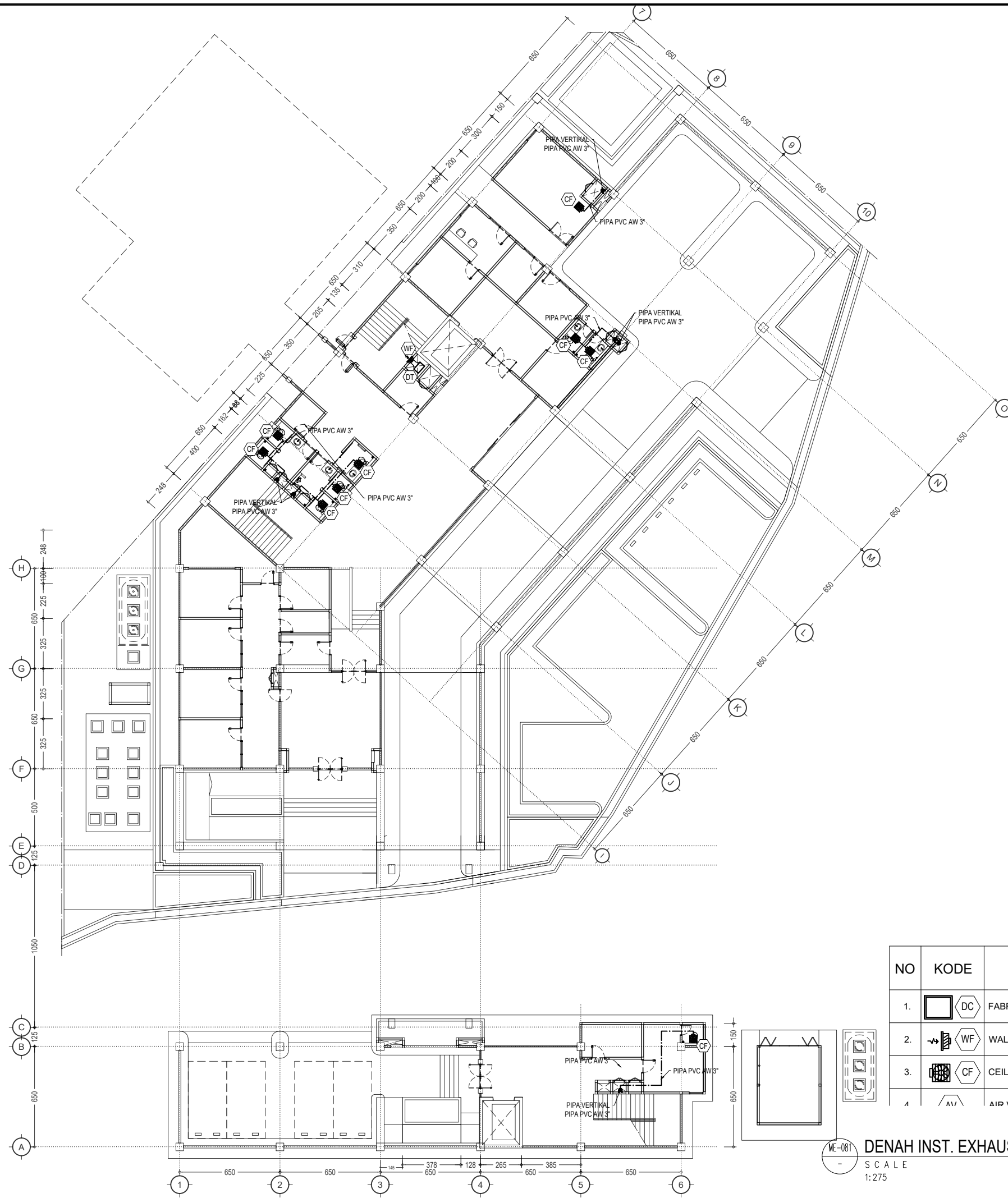
KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

GAMBAR	SKALA
DENAH REMOT & KOMUNIKASI AC (BANG. ADM)	1:150

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ME-080	302
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NO	KODE	KETERANGAN	JUM
1.	DC	FABRICATED DUCT ALUMINIUM 600x400	4,75 M
2.	WF	WALL EXHAUST FAN EAG (EXHAUST AIR GRILLE) 800x300	01 BH
3.	CF	CEILING EXHAUST FAN 8 INCH	09 BH
4.	AV	AIR VENT STAINLESS 3"	-

ME-081
DENAH INST. EXHAUST LT-1 (BANG. UTAMA)
SCALE
1:275



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DIPERIKSA

DIKETAHUI

DISETUJUI

KONSULTAN PERENCANA

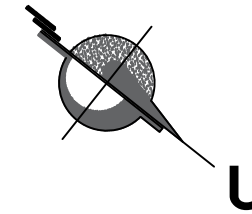
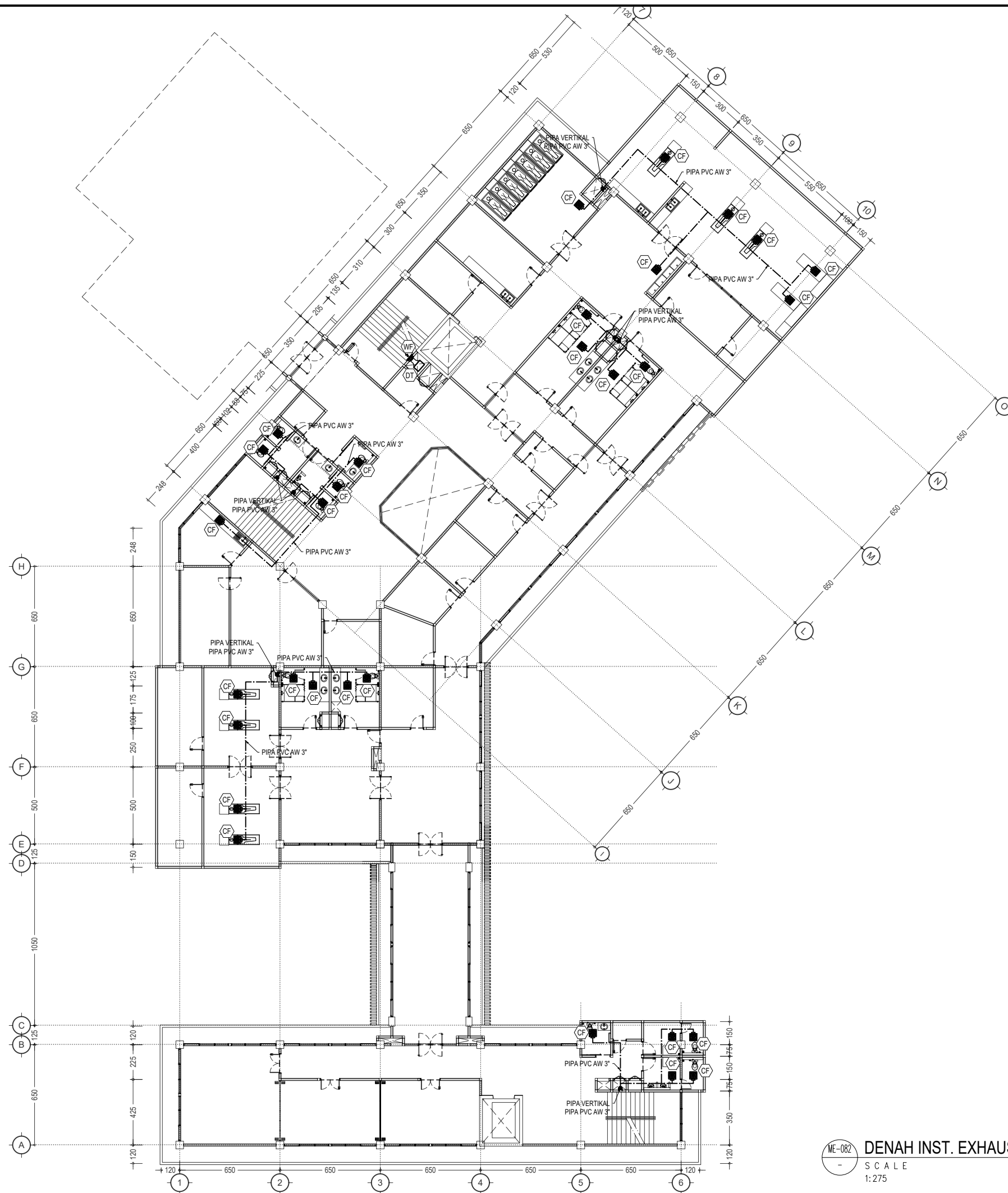
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

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

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ME-082
-
DENAH INST. EXHAUST LT-2 (BANG. UTAMA)
SCALE
1:275



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KONSULTAN PERENCANA

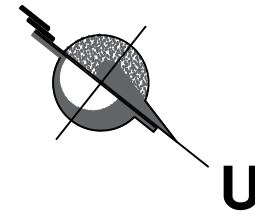
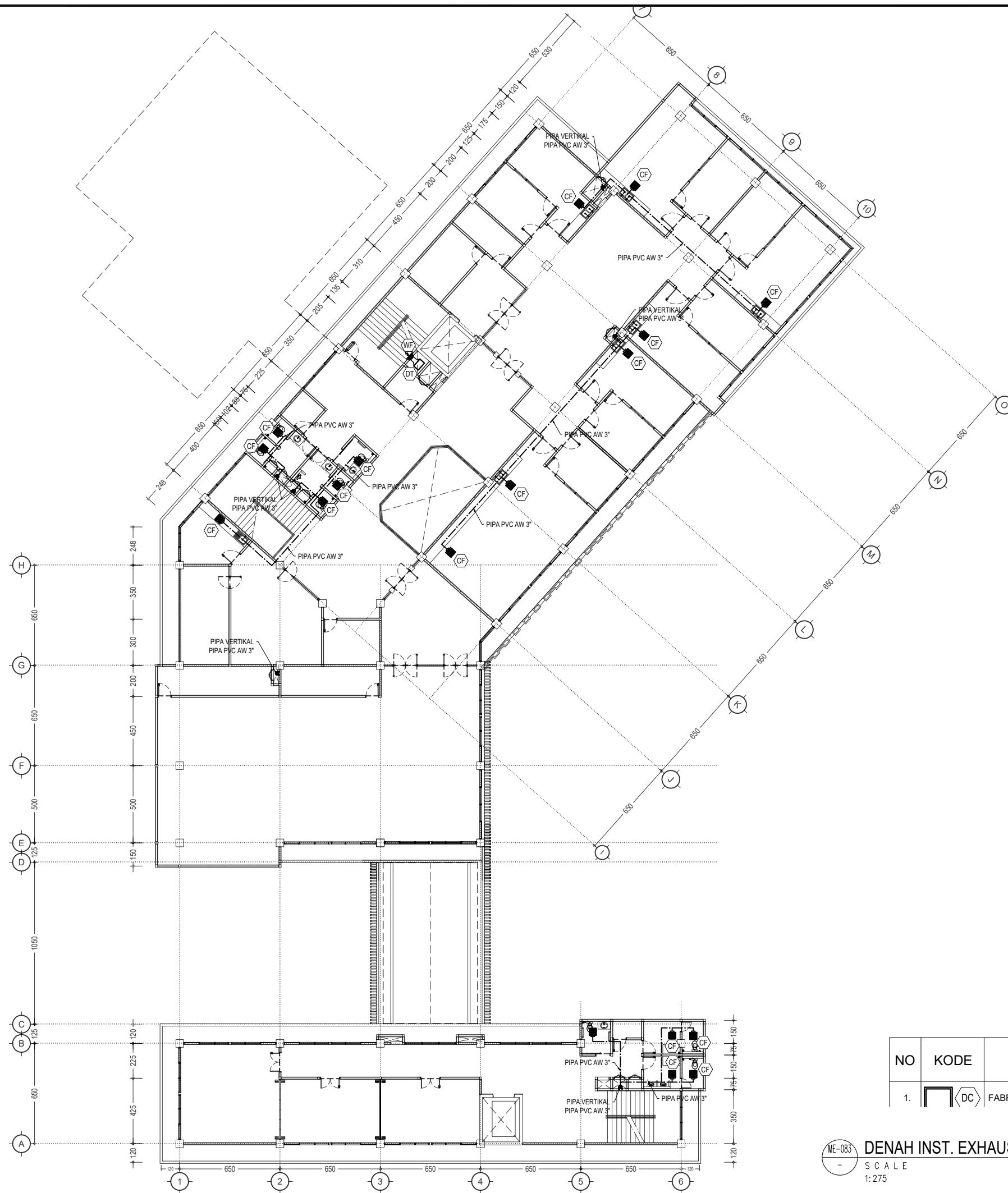
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Arsitek		
Sipil		
MEP		

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

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KONSULTAN PERENCANA

PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

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

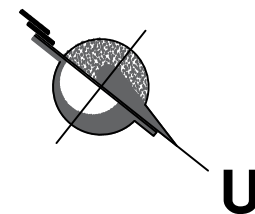
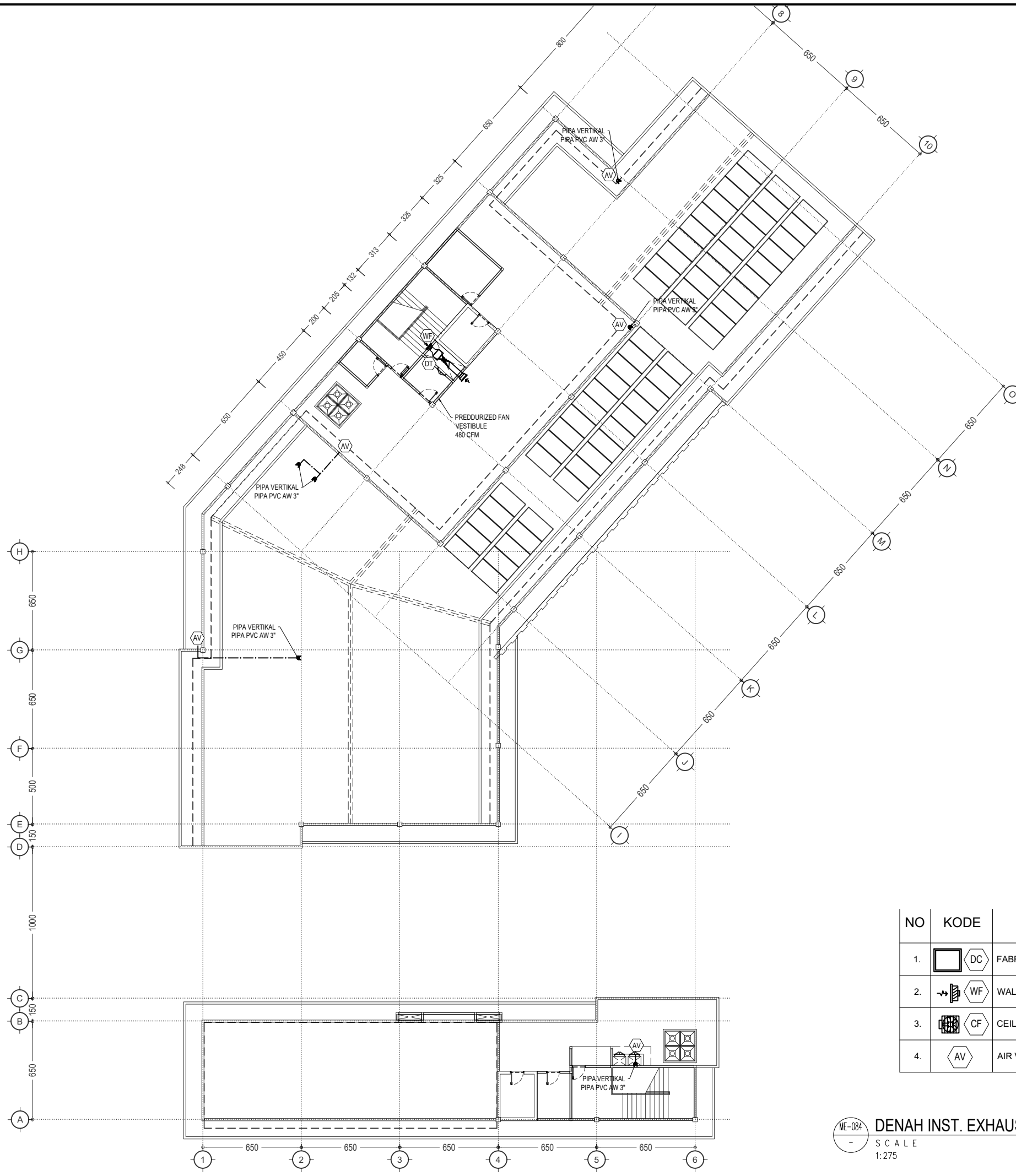
REVISI	TANGGAL
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ME-083

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NO	KODE	KETERANGAN	JUM
1.	 DC	FABRICATED DUCT ALUMINIUM 600x400	4,75 M

ME-083
-
DENAH INST. EXHAUST LT-3 (BANG. UTAMA)
SCALE
1:275



NO	KODE	KETERANGAN	JUM
1.	 DC	FABRICATED DUCT ALUMINIUM 600x400	1,75 M
2.	 WF	WALL EXHAUST FAN EAG (EXHAUST AIR GRILLE) 800x300	-
3.	 CF	CEILING EXHAUST FAN 8 INCH	-
4.	 AV	AIR VENT STAINLESS 3"	05 BH

ME-084

DENAH INST. EXHAUST LT-DAK (BANG. UTAMA)

SCALE
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DIKETAHUI

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KONSULTAN PERENCANA		
PERENCANA	NAMA	PARAF
Arsitek		
Sipil		
MEP		

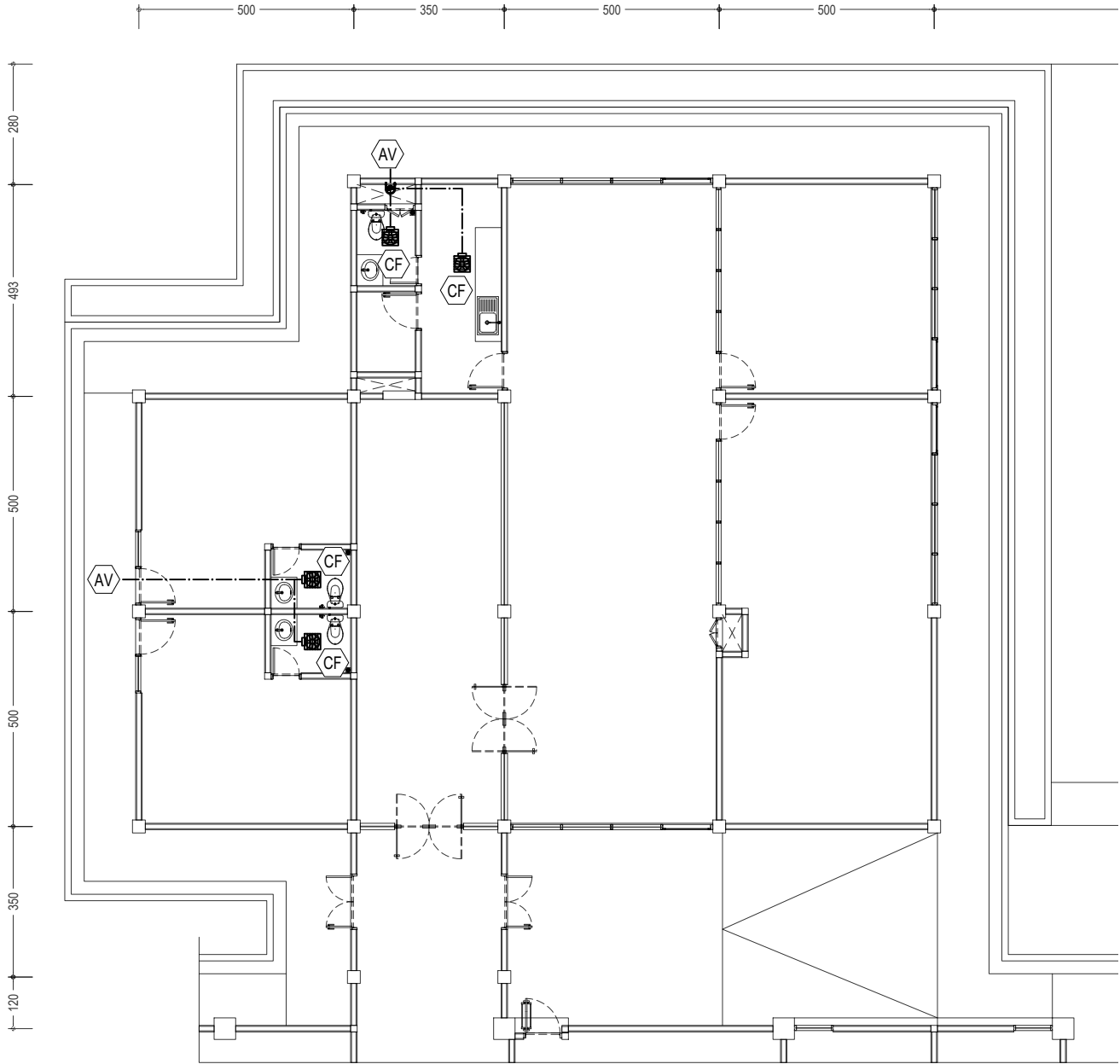
GAMBAR	SKALA
DENAH INST. EXHAUST LT-DAK (BANG. UTAMA)	1:275

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NO. GAMBAR	JUM. GAMBAR

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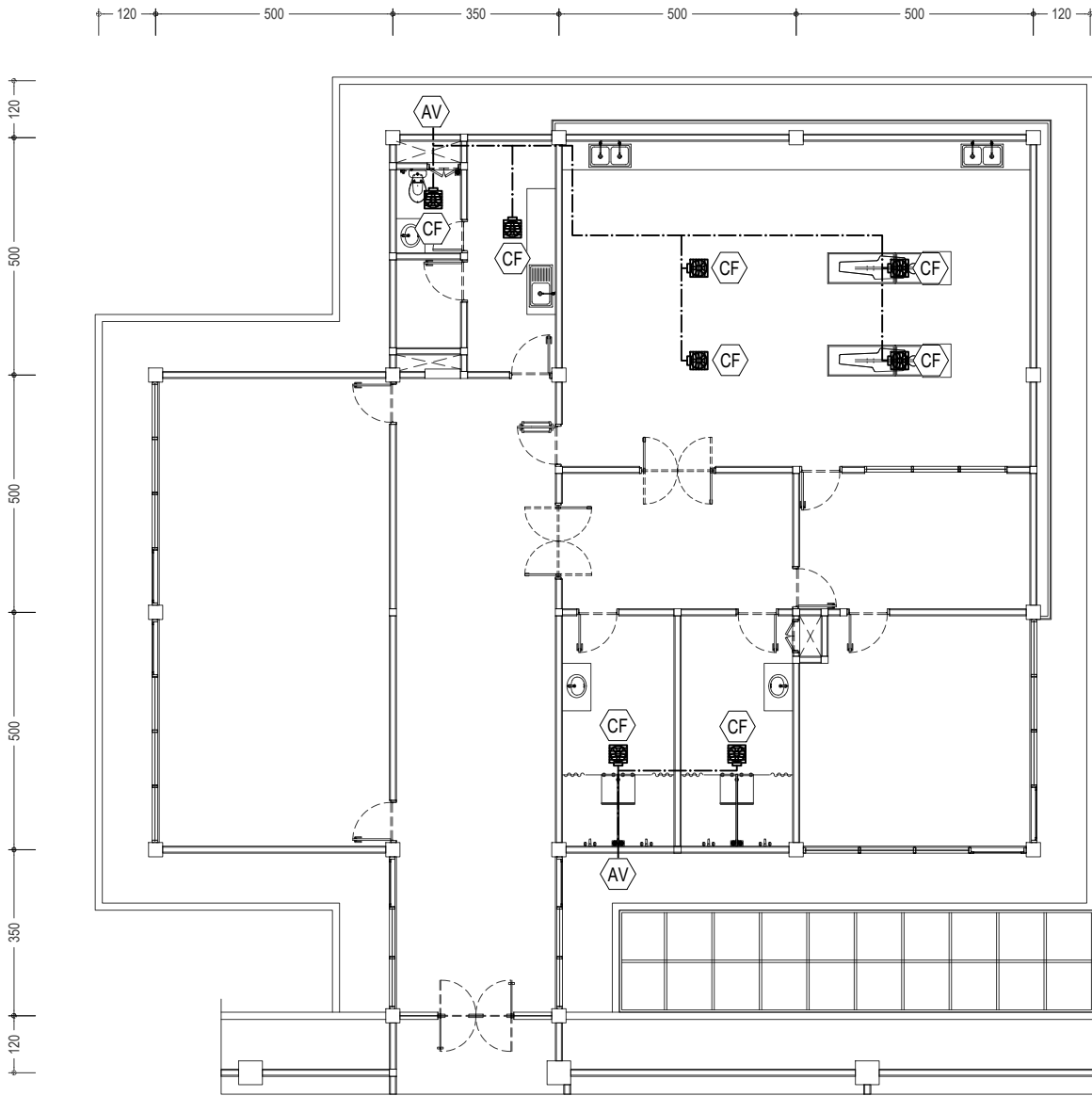
NO	KODE	KETERANGAN	JUM
1.	 DC	FABRICATED DUCT ALUMINIUM 600x400	-
2.	 WF	WALL EXHAUST FAN EAG (EXHAUST AIR GRILLE) 800x300	-
3.	 CF	CEILING EXHAUST FAN 8 INCH	04 BH
4.	 AV	AIR VENT STAINLESS 3"	02 BH



ME-085
-
SCALE
1:150

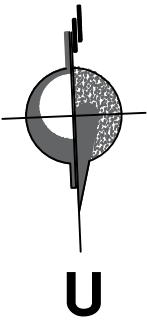
DENAH INST. EXHAUST (BANG. ADM) LT-1

NO	KODE	KETERANGAN	JUM
1.	 DC	FABRICATED DUCT ALUMINIUM 600x400	-
2.	 WF	WALL EXHAUST FAN EAG (EXHAUST AIR GRILLE) 800x300	-
3.	 CF	CEILING EXHAUST FAN 8 INCH	08 BH
4.	 AV	AIR VENT STAINLESS 3"	02 BH



ME-085
-
SCALE
1:150

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



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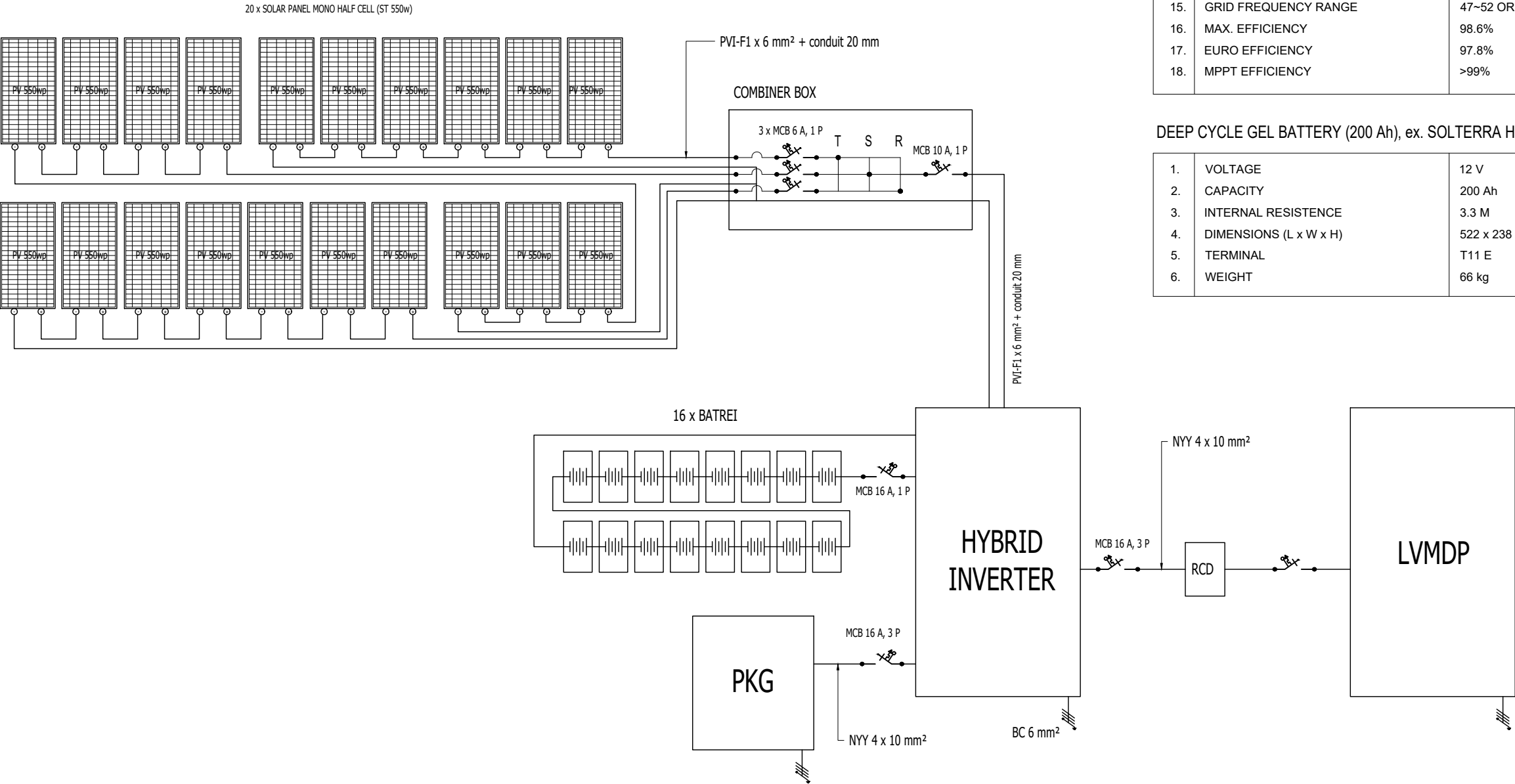
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GAMBAR	SKALA
DENAH INST. EXHAUST (BANG. ADM)	1:150

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ONGRID STRING INVERTER, 3 PH 20 kW

1.	MAX. DC INPUT POWER	26 kW
2.	MAX. DC INPUT VOLTAGER	1000 V
3.	START-UP DC INPUT VOLTAGE	250 V
4.	MPPT OPERATING RANGE	200~850 V
5.	MAX. DC INPUT CURRENT	32 + 32 A
6.	MAX. SHORT CIRCUIT CURRENT	48 + 48 A
7.	NUMBER OF MPPT / STRINGS PER MPPT	2 / 2
8.	RATED OUTPUT POWER	20 kW
9.	OPERATING PHASE	3 ph
10.	RATED AC GRID OUTPUT CURRENT	29 A
11.	MAX. AC OUTPUT CURRENT	31.9 A
12.	OUTPUT POWER FACTOR	0.8 LEADING TO 0,8 LAGGING
13.	GRID CURRENT THD	< 3%
14.	DC INJECTION CURRENT	< 0.5%
15.	GRID FREQUENCY RANGE	47~52 OR 57~62 (OPTIONAL)
16.	MAX. EFFICIENCY	98.6%
17.	EURO EFFICIENCY	97.8%
18.	MPPT EFFICIENCY	>99%

DEEP CYCLE GEL BATTERY (200 Ah), ex. SOLTERRA HI-12200-V

1.	VOLTAGE	12 V
2.	CAPACITY	200 Ah
3.	INTERNAL RESISTENCE	3.3 M
4.	DIMENSIONS (L x W x H)	522 x 238 x 222 mm
5.	TERMINAL	T11 E
6.	WEIGHT	66 kg



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SKALA

DIAGRAM GARIS SOLAR PANEL

NTS

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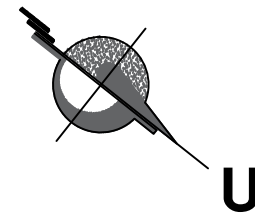
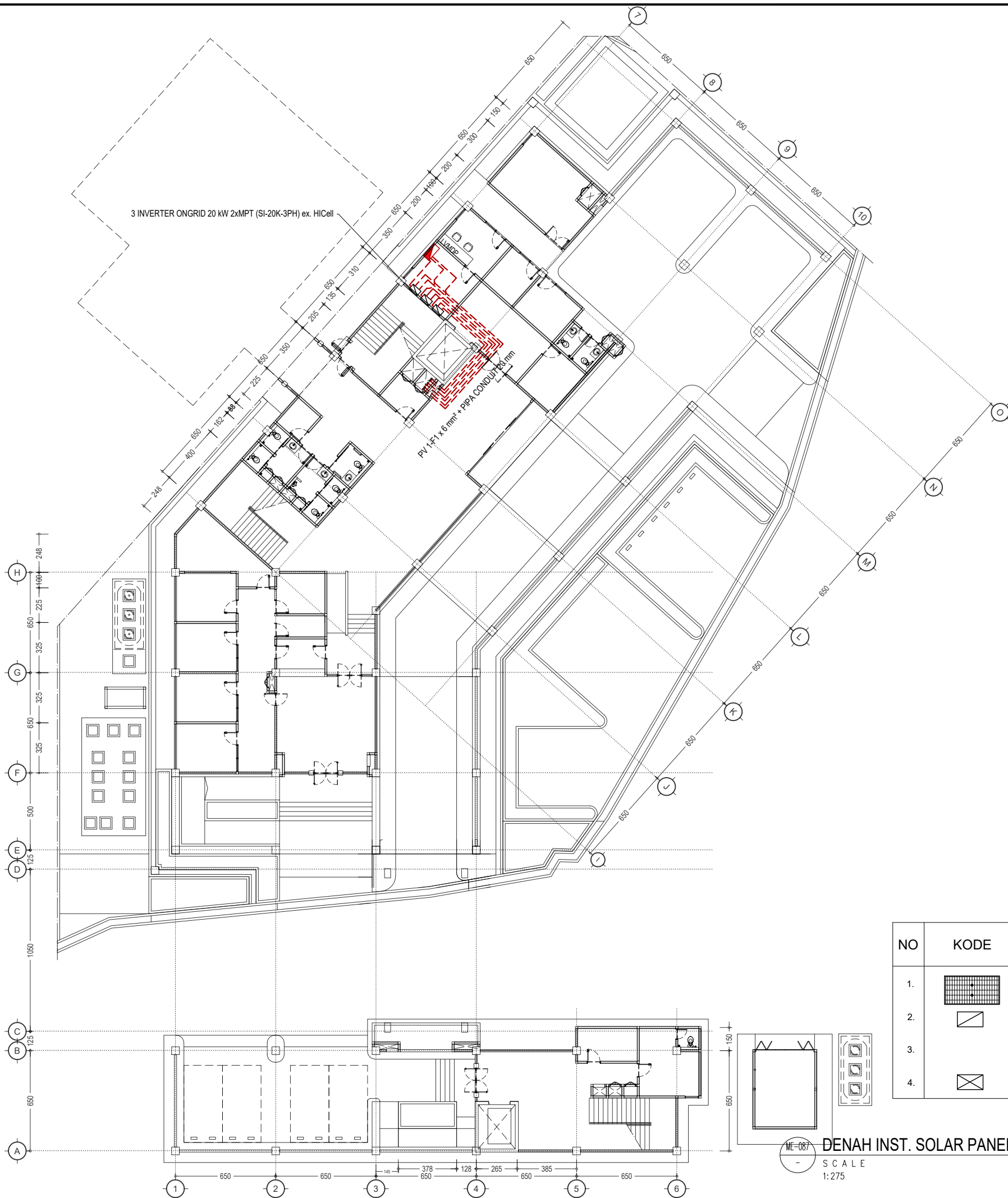
ME-086

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DIAGRAM GARIS SOLAR PANEL

SCALE
NTS



NO	KODE	KETERANGAN	JUM
1.		SOLAR PANEL MONO HALF CELL (ST 550 W) ex. SOLTERRA	-
2.		ONGRID STRING INVERTER, 3 PH, 20 kW ex. SOLTERRA	03 BH
3.		DEEP CYCLE GEL BATTERY ex. SOLTERRA	48 BH
4.		COMBINER BOX	-

ME-087
-
DENAH INST. SOLAR PANEL LT-1
SCALE
1:275



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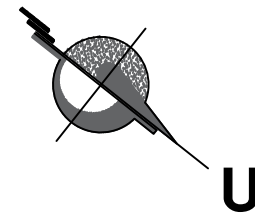
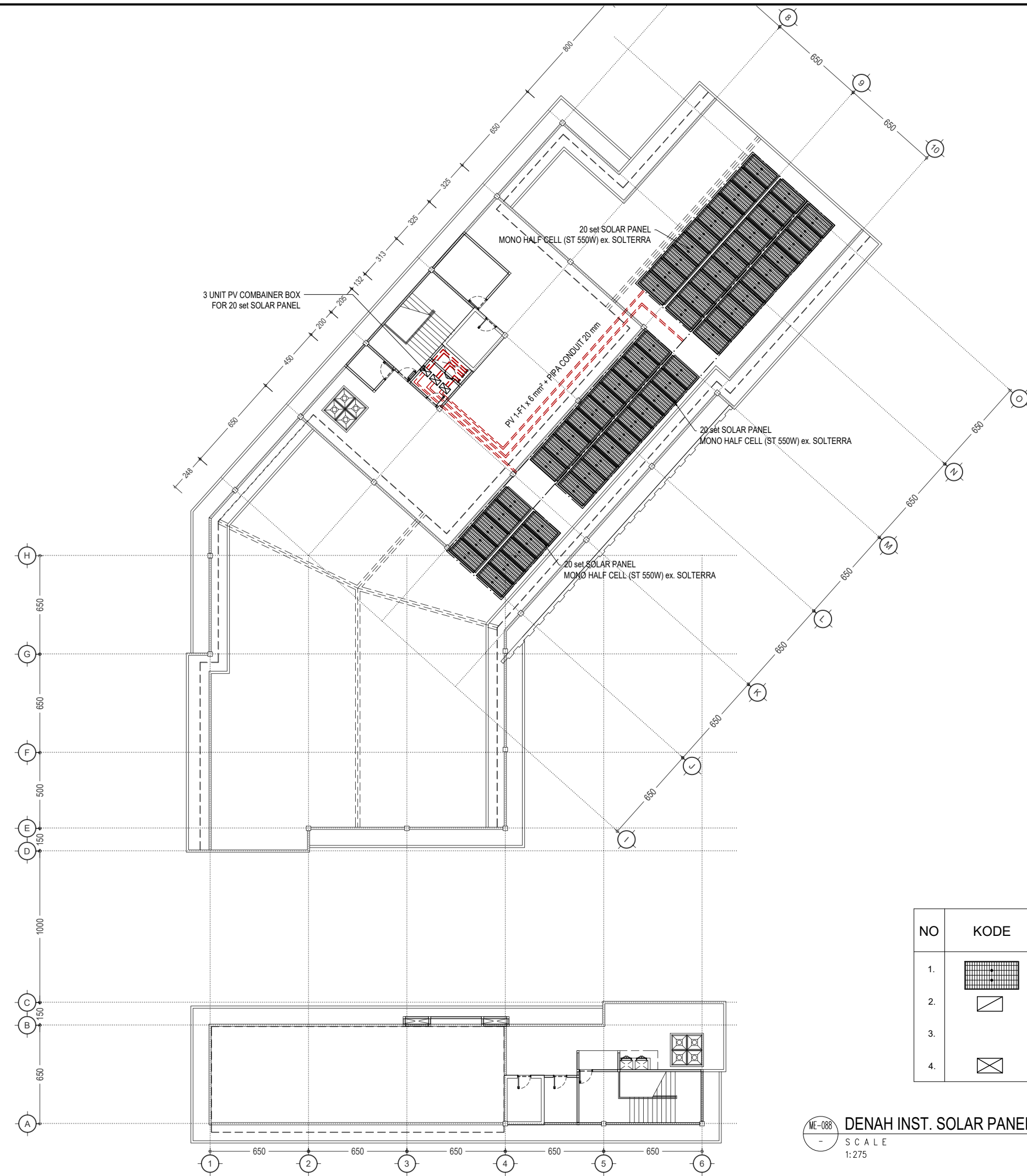
PERENCANA	NAMA	PARAF
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Sipil		
MEP		

GAMBAR	SKALA
DENAH INST. SOLAR PANEL LT-1	1:275

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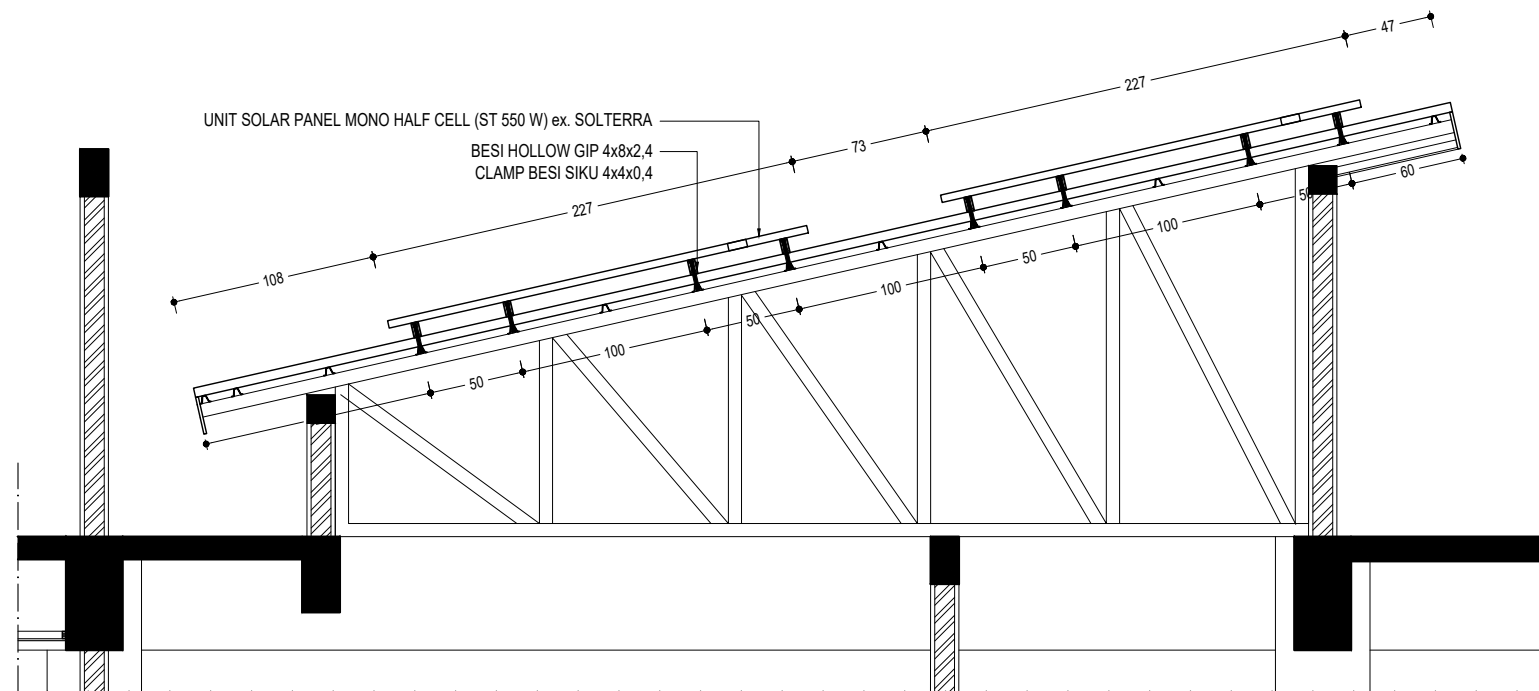


NO	KODE	KETERANGAN	JUM
1.		SOLAR PANEL MONO HALF CELL (ST 550 W) ex. SOLTERRA	18 BH
2.		ONGRID STRING INVERTER, 3 PH, 20 kW ex. SOLTERRA	-
3.		DEEP CYCLE GEL BATTERY ex. SOLTERRA	-
4.		COMBINER BOX	03 BH

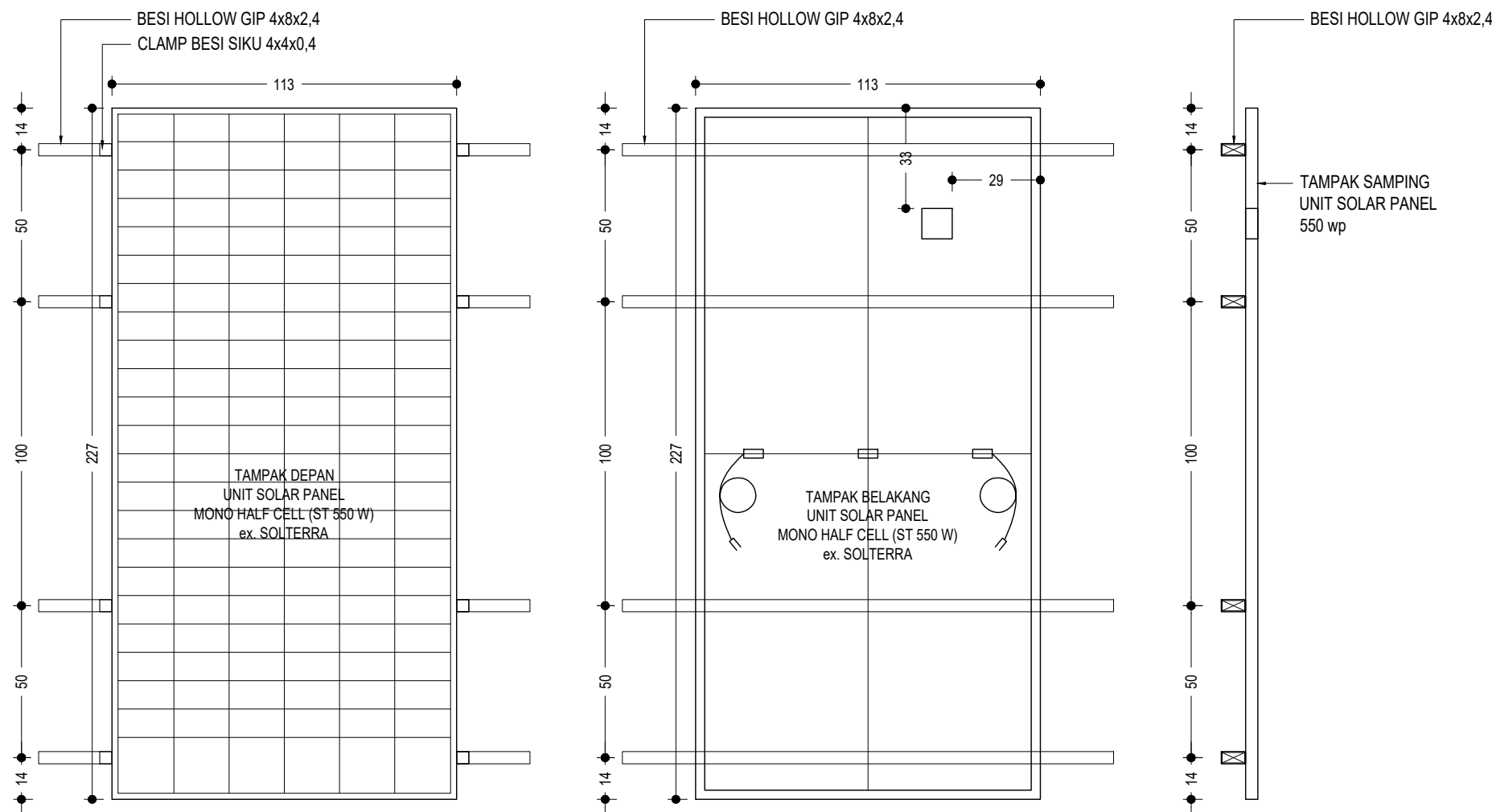
ME-088
-
SCALE
1:275
DENAH INST. SOLAR PANEL LT-DAK



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GAMBAR		SKALA
DENAH INST. SOLAR PANEL LT-DAK		1:275
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ME-089
-
POTONGAN PENEMPATAN SOLAR PANEL
SCALE
1: 40



ME-089
-
DETAIL UNIT SOLAR PANEL
SCALE
1: 40

SOLAR PANEL MONO HALF CELL (ST 550 W) ex. SOLTERRA

1.	CELL DIMENSIONS	182 mm
2.	CELL QUALITY	144 pcs
3.	WEIGHT	29 kg
4.	MODULE DIMENSIONS	2274 x 1134 x 35 mm
5.	CABLE	4.0 mm ² POSITIVE POLE : 240 mm NEGATIVE POLE : 240 mm WIRE LENGTH CAN BE COSTUMIZED
6.	FRONT GLASS	3.2 MM ANTI-REFLECTION COATING HIGH TRANSMISSION LOW IRON TEMPERED GLASS
7.	FRAME	ANODIZED ALUMINIUM ALLOY
8.	JUNCTION BOX	MC4-EV02
9.	MECHANICAL LOAD	FRONT SIDE 5400 Pa / REAR SIDE 2400 Pa
10.	POWER TOLERANCE (W)	± 5%
11.	MAXIMUM SYSTEM VOLTAGE	1000 / 1500 VDC(IEC)
12.	TEMPARATURE P _{MAX}	-0,35% /°C
13.	TEMPARATURE V _{OC}	-0,28% /°C
14.	TEMPARATURE I _{SC}	+0.048% /°C
15.	NOMINAL OPERATING	45 + 2°C
16.	OPERATION TEMPERATURE	-40°C-+85°C
17.	MAXIMUM SERIES FUSE	25 A



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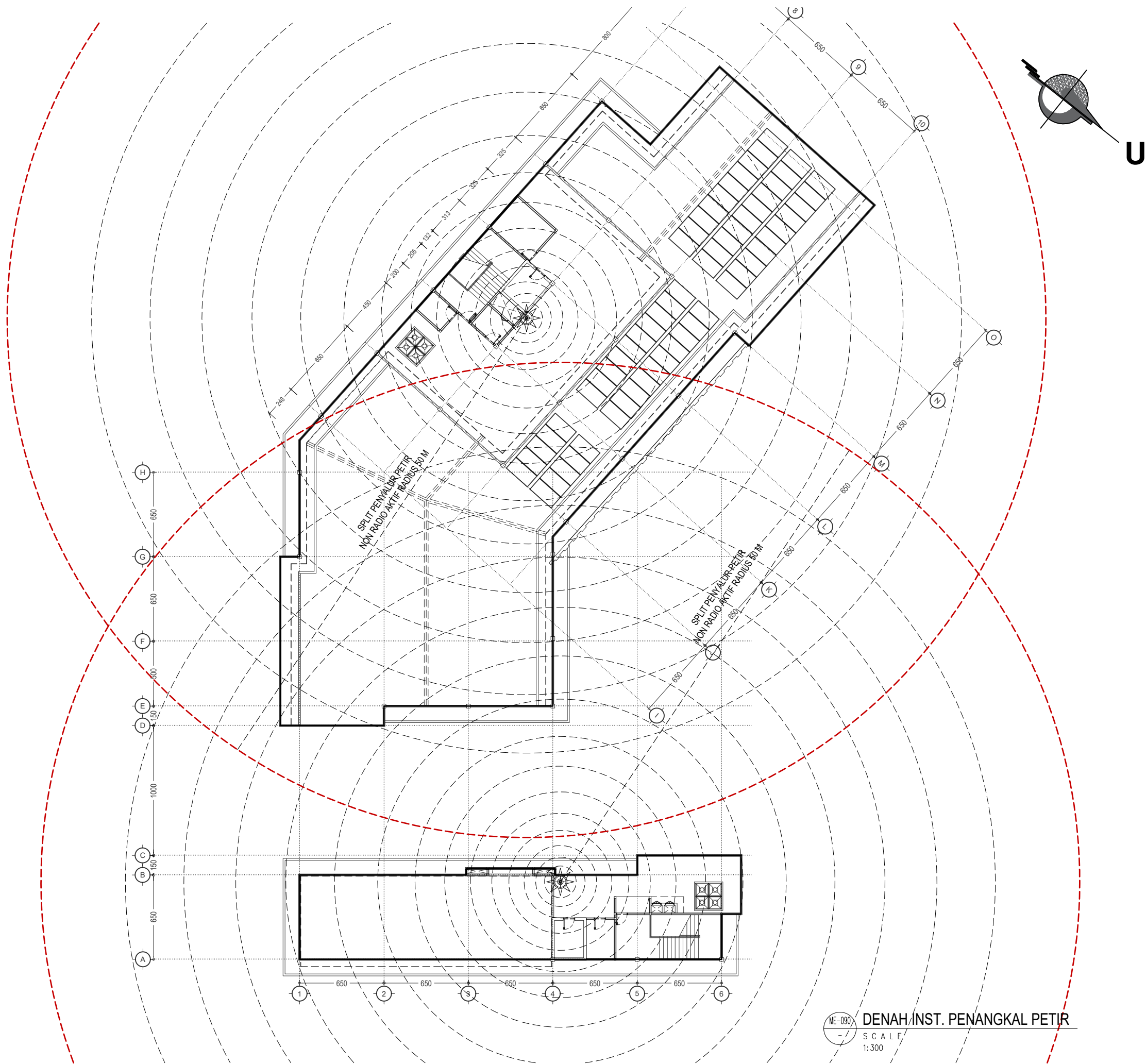
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GAMBAR	SKALA
DETAIL UNIT SOLAR PANEL	1:40, 1:20

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GAMBAR	SKALA
DENAH INST. PENANGKAL PETIR	1:300

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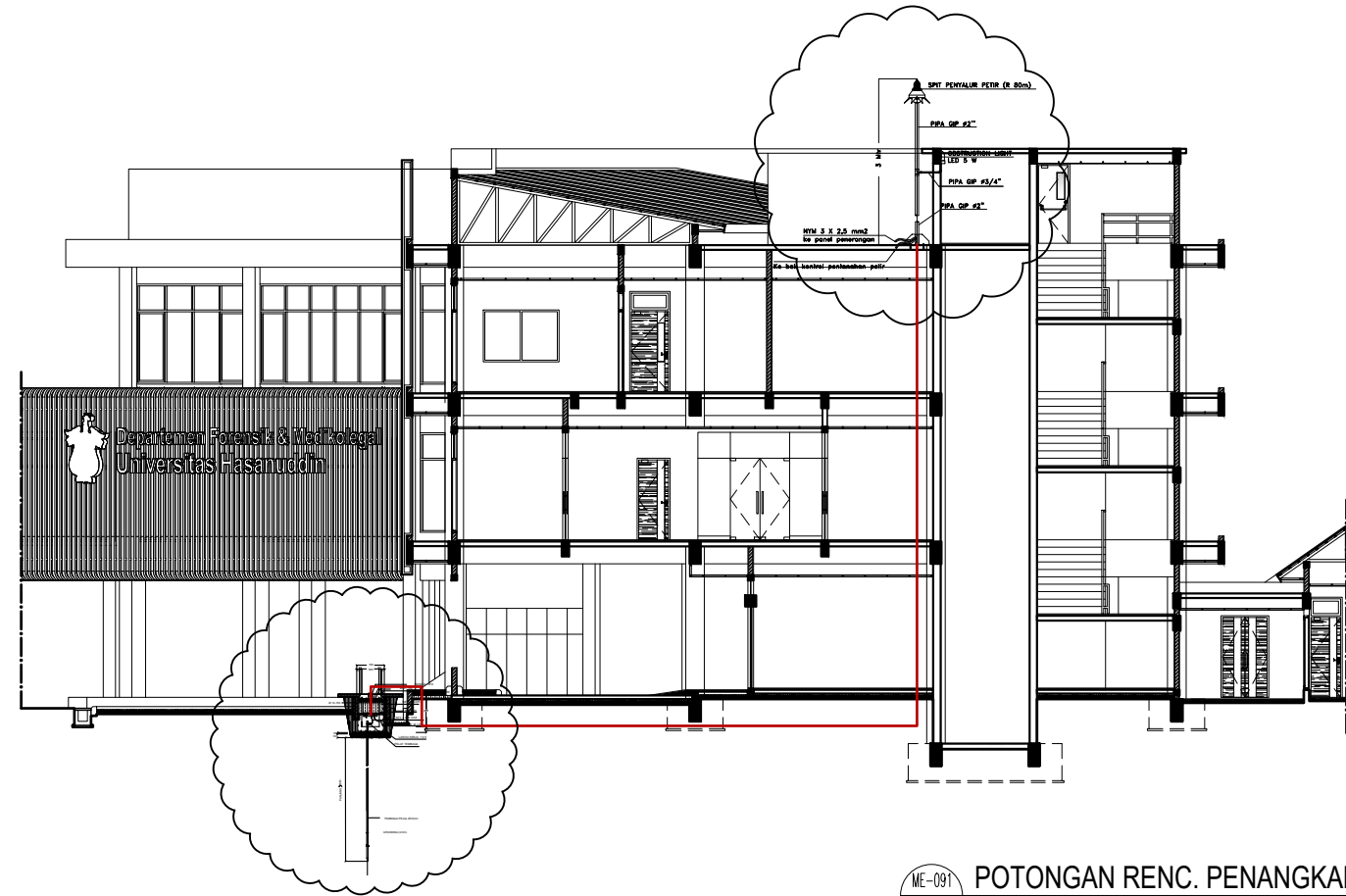
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Sipil		
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GAMBAR	SKALA
DETAIL INST. PENANGKAL PETIR	NTS

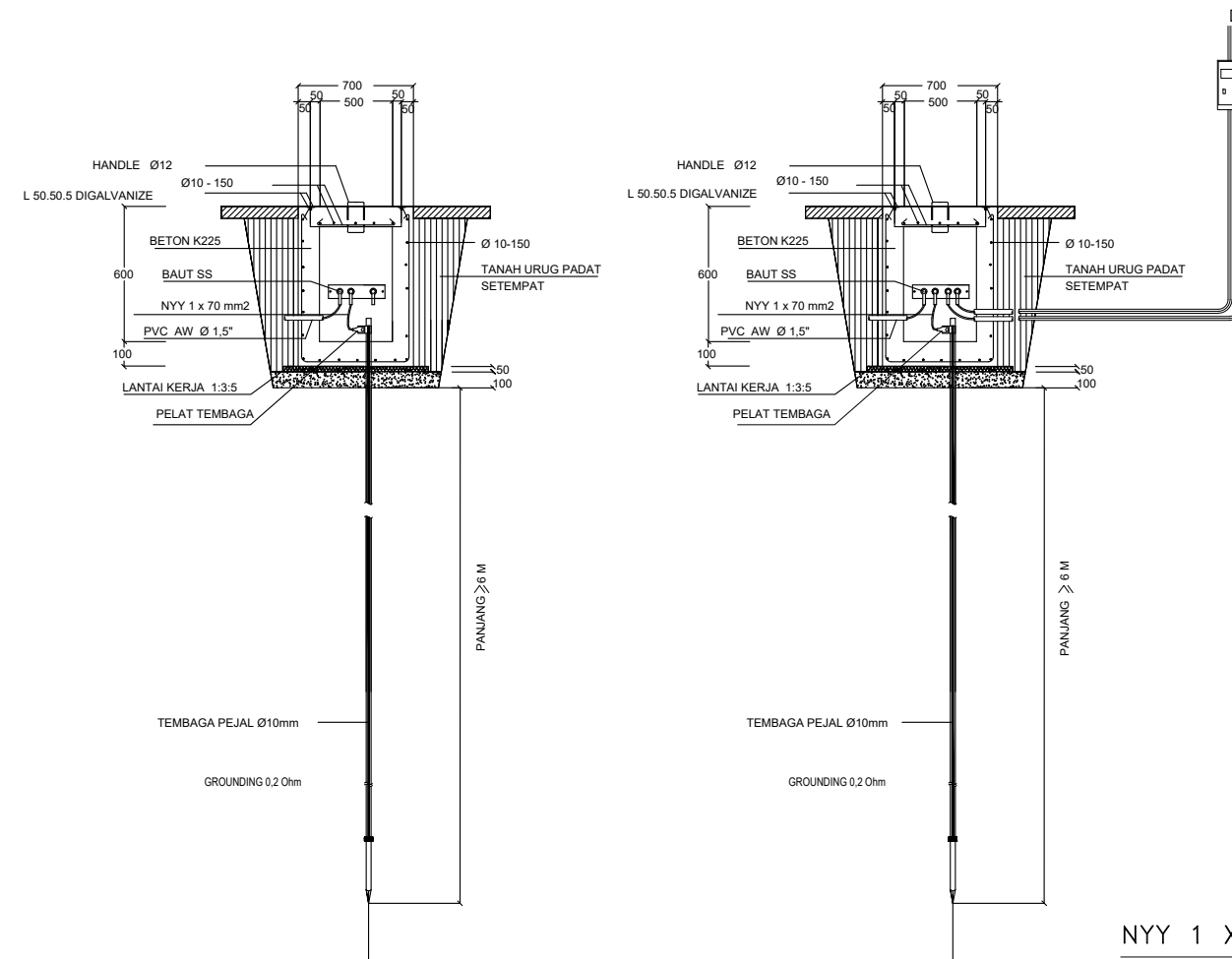
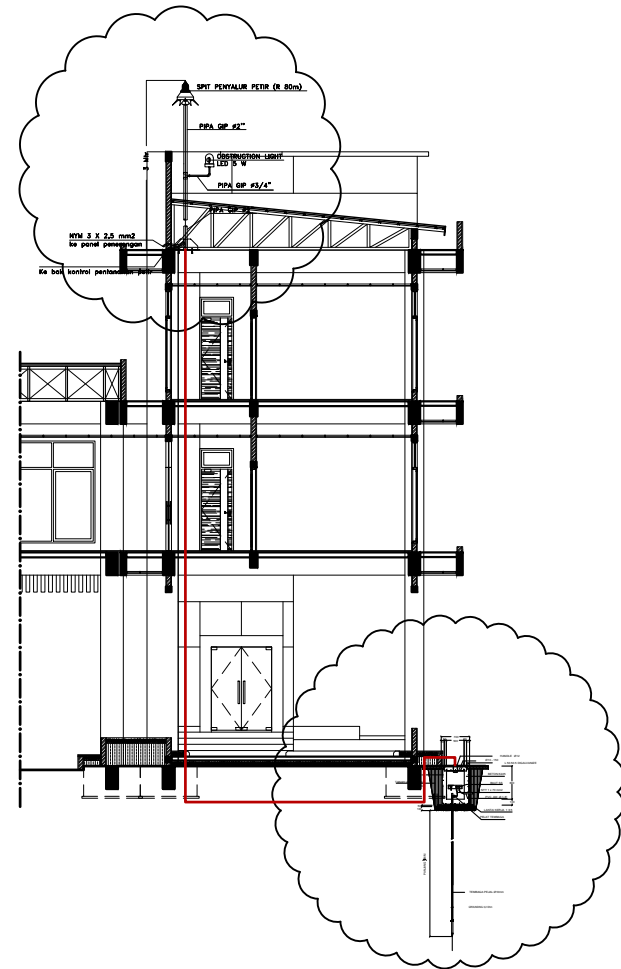
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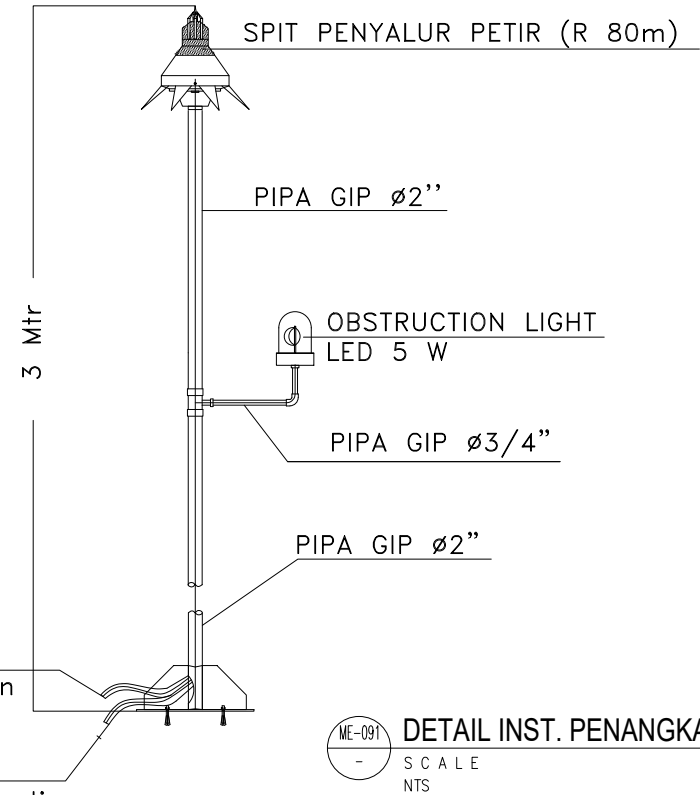
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ME-091 POTONGAN RENC. PENANGKAL PETIR
SCALE
1:200

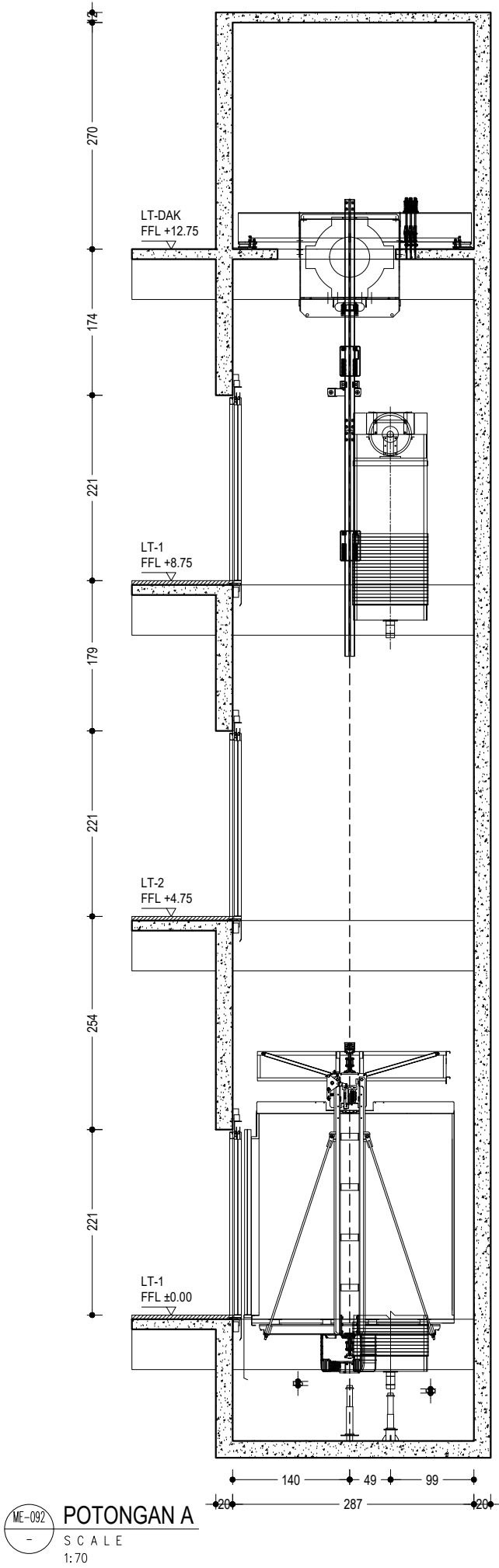
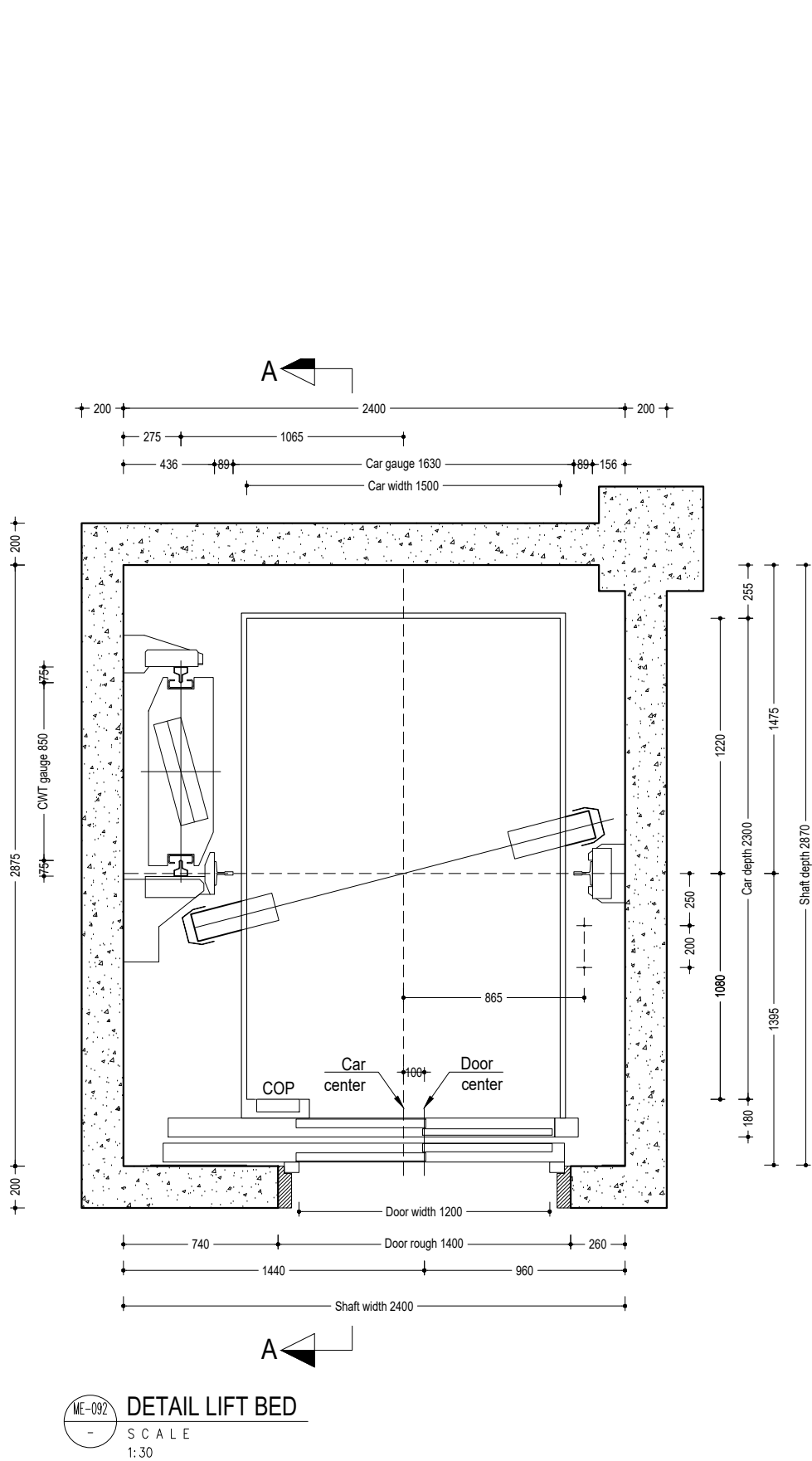


NYM 3 X 2,5 mm2
ke panel penerangan
NYM 1 X 70 mm2
Ke bak kontrol pentanahan petir



ME-091 DETAIL INST. PENANGKAL PETIR
SCALE
NTS

MAIN PARAMETERS													
Elevator Type								Bed Lift					
Elevator Model								Machine Roomless					
Rated Load (kg)								1600 (21 persons)					
Rated Speed (m/s)								1.0					
CWT Location								at Side					
Control Style								Simplex					
Floor / Stop / Door								3 / 3 / 3					
Door Type								Side Opening - 2 panels					
Door Opening (DWxDH) (mm)								1200 x 2100					
Car Dimension (CWxCDxCH) (mm)								1500 x 2300 x 2300					
Suspension Ratio								2 : 1					
Travel Height (m)								8250					
Pit Depth (mm)								1500					
Overhead (mm)								4300					
Traction Machine				Type				PMS400 Series					
				Rated Power (kW)				10.1					
Power								A.C 380V 3ϕ 50Hz					
Light								A.C 220V 1ϕ 50Hz					
Power Capacity (kVA)								22					
Force (KN)													
P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	Fx	Fy	
143	110	48	3	75	24	48	-	80	39	35	3.12	2.22	
Force when safety gear operation													
P10 Fx Fx Fy													



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GAMBAR	SKALA
DETAIL LIFT BED	1:30

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