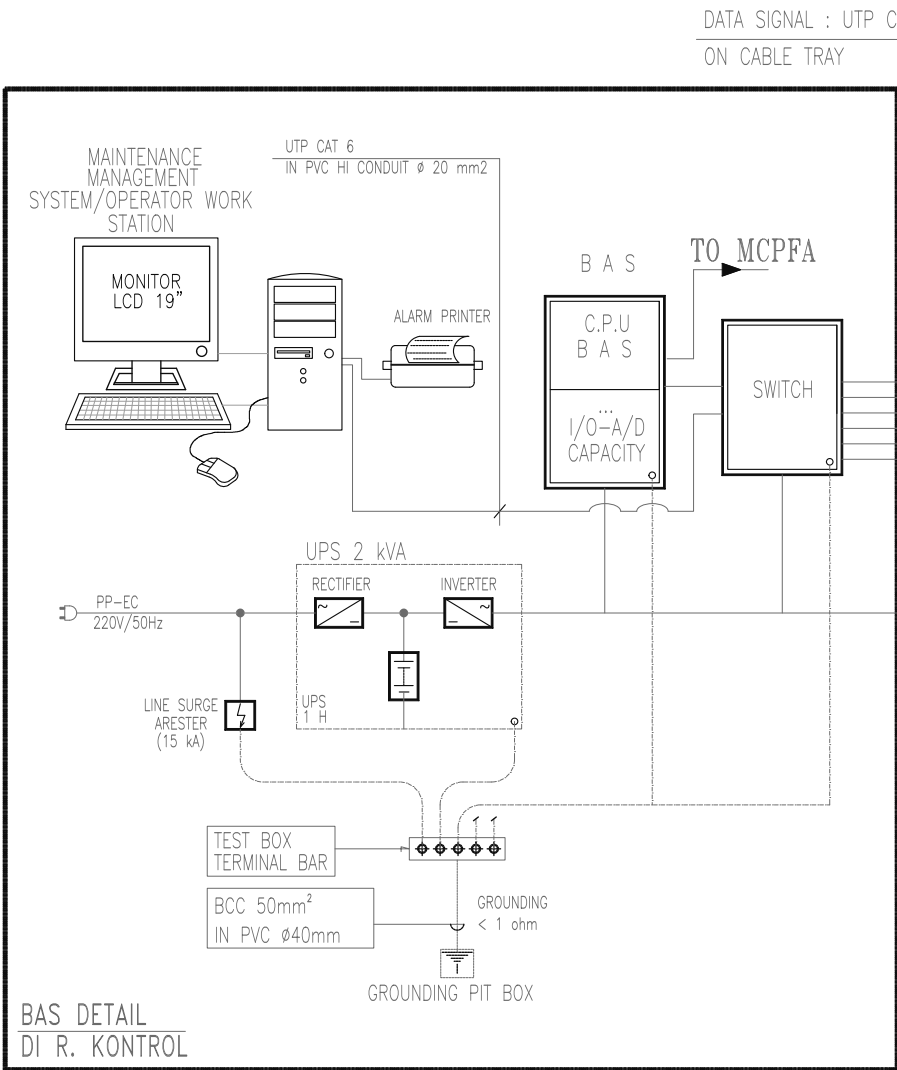


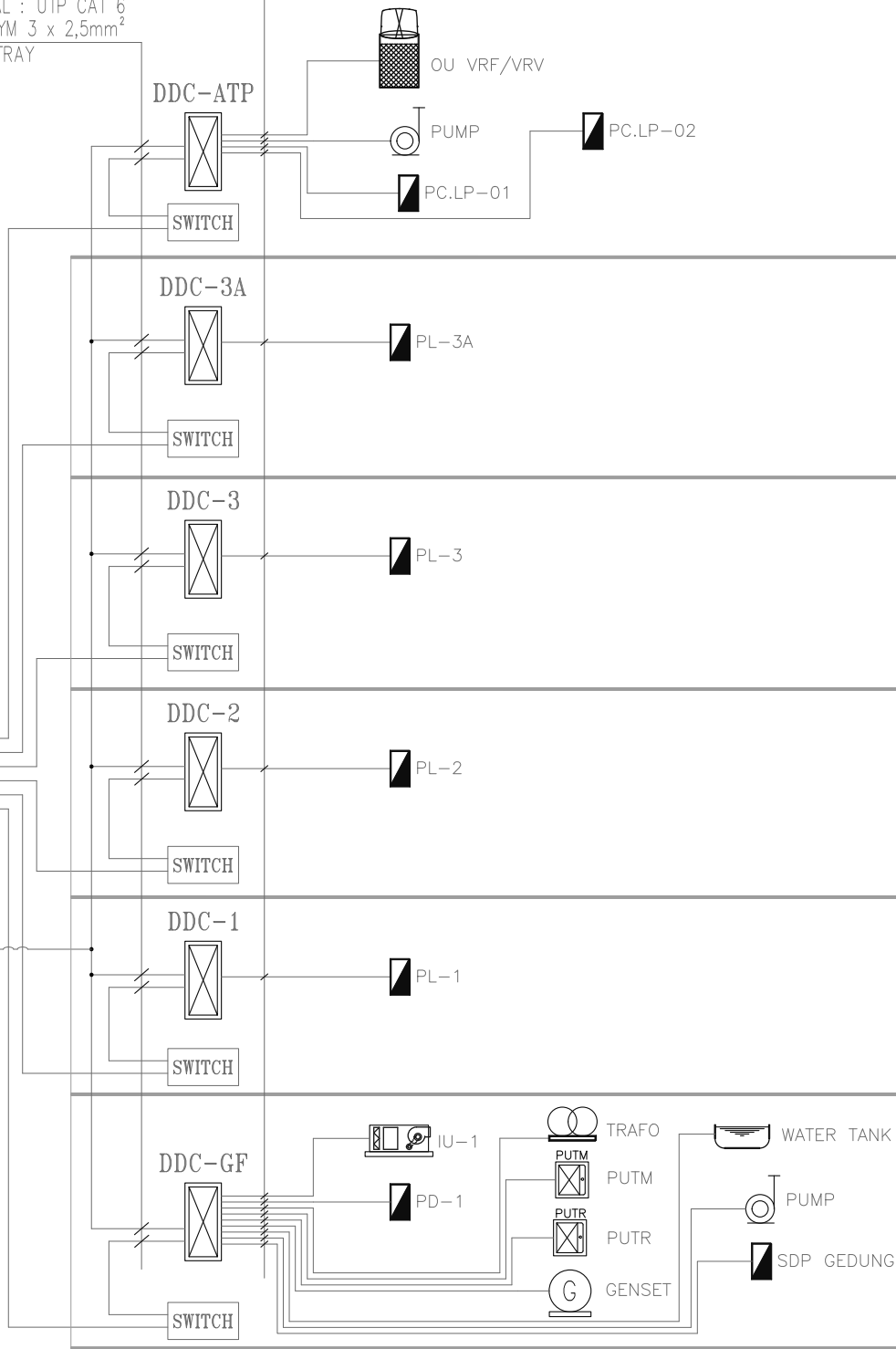
NOTE :

- INTERFACING TO VAC SYSTEM USING BACnet PROTOCOL SYSTEM
- INSTALLATION CABLE FOR DIGITAL INPUT POINTS & DIGITAL OUTPUT POINTS USING = ITC 2 x 2 x 0,6mm²
- INSTALLATION CABLE FOR ANALOG INPUT POINTS & ANALOG OUTPUT POINTS USING =TWISTED SHIELDED AWG#18 , 1 PAIR
- INSTALLATION CABLE FROM DDC TO BAS CENTRAL USING = TWISTED SHIELDED AWG#18, 1 PAIR & POWER CABLE = NYA 3 x 2,5mm²
- BAS SOFTWARE AND ENGINEERING PROGRAMS :
FULL GRAPHICS, CHILLER GROUP SEQUENCING, ROTATION, SCHEDULING AND OPTIMIZATION PROGRAM
UNTUK PENGATURAN CHILLED WATER, REALTIME MONITORING CHILLED WATER & ENERGY CONSUMPTION
(PLOT COOLING LOAD BY DAY, MONTH & YEAR) AND AUTO PAGING & ALARM UNTUK TRIP EQUIPMENT.
- WINDOWS PROGRAM ORIGINAL
- BAS SYSTEM READY TO IP BASE
















1. TWISTED SHIELDED AWG # 18,1 PAIR
(FOR ANALOG INPUT & ANALOG OUTPUT)
 2. NYA 2 x 1,5 mm²
(FOR DIGITAL INPUT & DIGITAL OUTPUT)
- IN PVC CONDUIT Ø 20mm



1. DATA SIGNAL : UTP CAT 6
 2. POWER : NYM 3 x 2,5mm²
- ON CABLE TRAY



SIMBOL :

PD = Panel Distribusi	 = Pump
 = Panel Utama Tegangan Rendah	 = Transformer
 = Panel Utama Tegangan Menengah	 = Genset
 = Control Panel Generator Set	 = Water Tank
 = Supply Fan	 = Digital Direct Controller
 = Pressurized Fan	 = IU
 = Exhaust Fan	 = OU

HEAD END DETAIL

OWNER/CLIENT  APPROVED : .../.../... (signed)	PROJECT BPDP KELAPA SAWIT JL.Medan Merdeka Tim, RT.7/RW.1, Gambir, Kec. Gambir, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10110	INTERIOR DESIGN CONSULTANT PT. Imadea Magkasama APPROVED : //	OTHERS  PT.DUTA PRATAMA ENGINEERING MECHANICAL & ELECTRICAL ENGINEER <small>Rukan Taman Murya Blok M No. 37, J. Batu Mulia No. 1 Murya Utara Kembangan - Jakarta Barat 11620 Phone : 021-5845046, 5845047, 5845056, Fax : 021-58474531 Email : dpa@ptdpe.com, ptdpe@ptdpe.com</small>	DRAWING TITLE DIAGRAM SISTEM BMS SCALE : NTS ALL MEASUREMENT MUST BE CHECKED AT BY SITE BY THE CONTRACTORS AND ANY DIFFERENCES REPORTED/INITIATED TO THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING.	<div>.../.../...</div> <div>.../.../...</div> <div>.../.../...</div> <div>.../.../...</div> <div>.../.../...</div> <div># REVISION :</div>	<div>.../.../...</div> <div>.../.../...</div> <div>.../.../...</div> <div>.../.../...</div> <div>.../.../...</div> <div>DATE</div>	DRAWN Denny DATE : 15/05/24 CHECKED Widodo DATE : 15/05/24 DRAWING FOR TENDER	DRAWING NUMBER EC-104 PAGE DATE : 2024/05/10
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