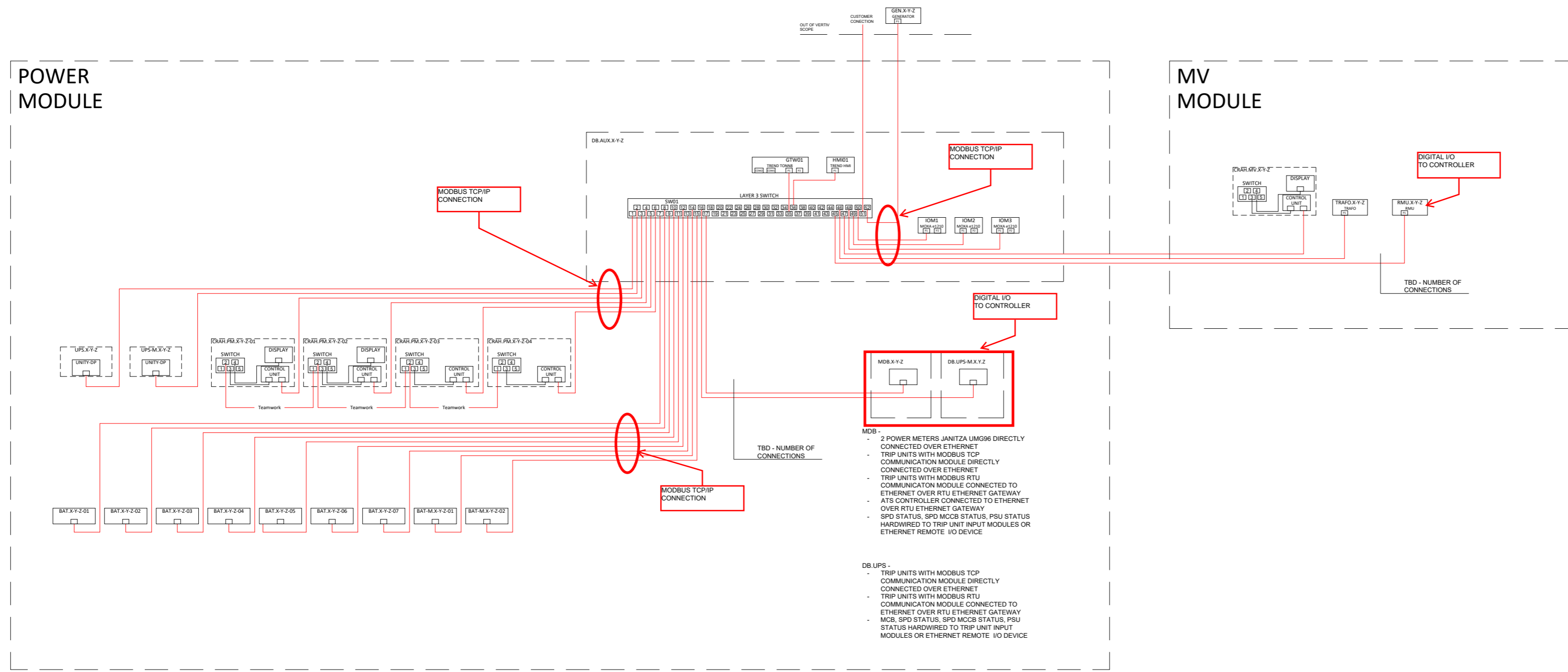


LEGAL DISCLAIMER: THIS DOCUMENT AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF VERTIV GROUP CORP. REPRODUCTION, DISTRIBUTION, OR UNAUTHORIZED USE OF THIS DOCUMENT OR ANY PARTS WITHIN THIS DOCUMENT ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF VERTIV GROUP CORP.

**POWER MODULE**

**MV MODULE**



- MDB -**
- 2 POWER METERS JANITZA UM996 DIRECTLY CONNECTED OVER ETHERNET
  - TRIP UNITS WITH MODBUS TCP COMMUNICATION MODULE DIRECTLY CONNECTED OVER ETHERNET
  - TRIP UNITS WITH MODBUS RTU COMMUNICATION MODULE CONNECTED TO ETHERNET OVER RTU ETHERNET GATEWAY
  - ATS CONTROLLER CONNECTED TO ETHERNET OVER RTU ETHERNET GATEWAY
  - SPD STATUS, SPD MCCB STATUS, PSU STATUS HARDWIRED TO TRIP UNIT INPUT MODULES OR ETHERNET REMOTE I/O DEVICE
- DB-UPS -**
- TRIP UNITS WITH MODBUS TCP COMMUNICATION MODULE DIRECTLY CONNECTED OVER ETHERNET
  - TRIP UNITS WITH MODBUS RTU COMMUNICATION MODULE CONNECTED TO ETHERNET OVER RTU ETHERNET GATEWAY
  - MCB, SPD STATUS, SPD MCCB STATUS, PSU STATUS HARDWIRED TO TRIP UNIT INPUT MODULES OR ETHERNET REMOTE I/O DEVICE

**KEYNOTES**

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ANY RELEVANT CONTROLS, MECHANICAL AND ELECTRICAL DRAWINGS

SW	-	ETHERNET SWITCH
ETH	-	ETHERNET
GTW	-	GATEWAY
BMS	-	BUILDING MANAGEMENT SYSTEM
CRAH	-	COOLING UNIT
UPS	-	UNINTERRUPTIBLE POWER SUPPLY
PM	-	POWER METER
IOM	-	INPUT/OUTPUT MODULE
BAT	-	BATTERY CABINET
ATS	-	AUTOMATIC TRANSFER SWITCH
GEN	-	GENERATOR
TRAF0	-	TRANSFORMER
RMU	-	RING MAIN UNIT
HMI	-	HUMAN-MACHINE INTERFACE

— ETHERNET CONNECTION

**GENERAL NOTES**

**REFERENCE NOTES**

**KEY PLAN**

R0	BOD SET - FOR APPROVAL	2023-09-11
REV.	DESCRIPTION	DATE



**PROJECT NAME**  
**STACK INFRASTRUCTURE ITALY MIL04 AND MIL06 POWER MODULES**

**DRAWING NAME**  
**CONTROLS NETWORK DIAGRAM**

PREPARED (ALSO SUBJECT RESPONSIBLE IF OTHER)  
**V. RADOS**

DOCUMENT RESPONSIBLE / APPROVED  
**H. DUMIC**

LOCATION **MIL04 & MIL06** CAD / BIM SYSTEM **AUTODESK AUTOCAD 2013**

DOCUMENT NUMBER **PBXXX-CT601** SHEET **1** OF **1**

SHEET SIZE <b>A2</b>	DRAWING SCALE <b>NTS</b>	DATE (YYYY-MM-DD) <b>2023-09-11</b>	REVISION <b>R0</b>
-------------------------	-----------------------------	--	-----------------------