

LEGEND :

=W...

MARK FOR PLANT (FACILITY) – see General Layout Drawing

=1K

10kV SWITCHGEAR

=1NE

MAIN 0.4kV SWITCHGEAR

=1U

DIESEL GENERATING SET CONTROL PANEL WITH POWER DISTRIBUTION (EXISTING)

+2NE

NEW DESIGNED 0.4kV DISTRIBUTION BOARD FOR EMERGENCY (GENSET) POWER SUPPLY

+...NG

0.4kV DISTRIBUTION BOARD

+1NU

24VDC AUXILIARY POWER SUPPLY DISTRIBUTION BOARD

+...WF

SAND FILTER CONTROL PANEL

+...NW

INTERFACE PANEL with PLC

+...NY

COMMUNICATION PANEL with UPS

UPS.....

UNINTERRUPTIBLE POWER SUPPLY

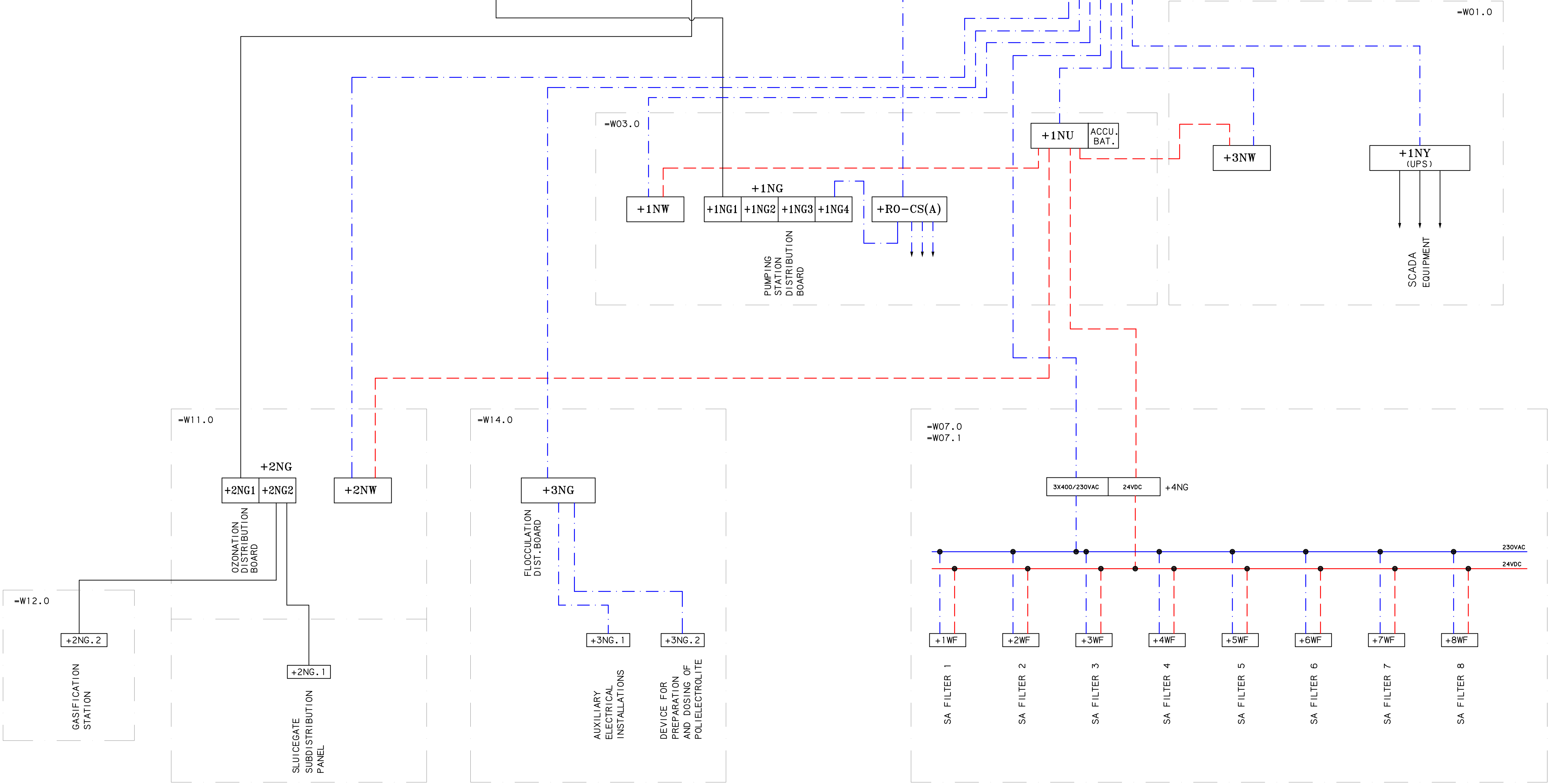
SCADA...

Supervisory Control And Data Acquisition

NOTE :

TRANSFORMERS ARE NOT FORSEEN FOR PARALLEL OPERATION

- NETWORK POWER SUPPLY
- EMERGENCY POWER SUPPLY (From DGS)
- 24V DC AUXILIARY POWER SUPPLY



Rev. N°	DATE	DESCRIPTION	PREPARED	CHECKED	
"VV PROING" -COMPANY FOR DESIGNING AND ENGINEERING-		RESPONSABLE DESIGN ENGINEER : Zoran Arsić, dipl.el.ing.	DATE: JAN. 2009		
		DESIGN ENGINEER: Vladislav Arsić, dipl.el.ing.	SCALE: 1:250		
		DESIGN NAME: PRELIMINARY DESIGN - RECONSTRUCTION AND EXPANSION OF THE WTP "MAJDEVO" IN KRŠEVAC	BOOK: 5		
FACILITY: WATER TREATMENT PLANT (WTP) "MAJDEVO" IN KRŠEVAC	PART: ELECTRICAL	DRAWING NAME: BLOCK DIAGRAM ELECTRICAL POWER SUPPLY	DRAWING No.:		
INVESTOR: JKP "VODOVOD" KRŠEVAC	DESIGN No.: P-168/09			30	