



MARKS :

- ① EXISTING HIGH PRESSURE COMPRESSOR - Stay on place
- ② DISLOCATED HIGH PRESSURE COMPRESSOR FROM OZONATION FACILITY (type GA30)
- ③ LOW PRESSURE COMPRESSOR FOR FILTER WASHING (Existing) - (3 pcs.)
- ④ PUMPS FOR WATER TRANSPORT TO ALEKSANDROVAC (2 pcs.)
- ⑤ NEW DESIGNED PUMPS FOR FILTER WASHING (2 pcs.)
- ⑥ PUMPS FOR WATER TRANSPORT TO MAJDEVO (2. pcs)
- ⑦ PUMPS FOR WATER TRANSPORT TO NABRDJE (2. pcs)
- ⑧ PUMPS FOR HOME WATER SYSTEM (2 pcs.)

LEGEND :

- +RO-CS(A) Existing 0.4kV distribution board for emergency power supply for Pumping station
- +1NG New designed main 0.4kV distribution board for Pumping station
- +1NU 24VDC auxiliary power supply distribution board
- +1NW Interface panel with PLC

REMARKS :

- 1) ALL POWER CABLES ARE MOUNDED IN EXISTING CABLE TRENCES IN FLOOR.
- 2) POWER CABLES FROM MAIN 0.4kV DISTRIBUTION BOARD PS +1NG TO :
 - PUMPS FOR NABRDJE (2 pcs.)
 - PUMPS FOR MAJDEVO (2 pcs.)
 - EXISTING HIGH PRESSURE COMPRESSOR (1 pc.) - WHICH STAY ON PLACE
 - PUMPS FOR HOME WATERSYSTEM - 2 pcs.ARE EXISTING AND KEPT ON PLACE
- 3) POWER CABLES FROM MAIN 0.4kV DISTRIBUTION BOARD PS +1NG TO :
 - NEWDESIGNED PUMPS FOR FILTER WASHING (2 pcs.)
 - DISLOCATED HIGH PRESSURE COMPRESSOR FROM EXISTING OZONATION FACILITY (type GA30)
 - EXISTING BLOWERS (LOW PRESSURE COMPRESSOR) (3 pcs.)ARE NEW DESIGNED.
- 4) WHOLE EQUIPMENT FOR WATER TRANSPORT TO ALEKSANDROVAC ARE KEPT ON PLACE.

Rev. N°	DATE	DESCRIPTION	PREPARED	CHECKED	
"VV PROING" -COMPANY FOR DESIGNING AND ENGINEERING- Tel: 011(3364-83) 041(54640)		RESPONSABLE DESIGN ENGINEER : Zoran Arsić, dipl.el.ing.	<i>Za</i>	DATE: JAN. 2009	M
		DESIGN ENGINEER : Vladislav Arsić, dipl.el.ing.	<i>Va</i>	SCALE: 1:100	
		DESIGN NAME: PRELIMINARY DESIGN - RECONSTRUCTION AND EXPANSION OF THE WTP "MAJDEVO" IN KRUSEVAC		BOOK: 5	
FACILITY: WATER TREATMENT PLANT (WTP) "MAJDEVO" IN KRUSEVAC	PART: ELECTRICAL	DRAWING NAME: PUMPING STATION - LAYOUT DRAWING WITH ELECTRICAL EQUIPMENT	DRAWING No : 45		
INVESTOR: JKP "VODOVOD" KRUSEVAC	DESIGN No: P-168/09				