

Motor Control Center Load Center

Saturday, Dec. 29, 2007
 Prepared By: Dan Laws
 Company: Dolphins Software

Enclosure Information:

Model:
 MFG:
 Sections: 4
 Mounting: Breaker
 Entrance: Top

Circuit Information:

Voltage: 480 VAC
 Phase: 3
 Hertz: 60
 Fed From:
 Utility

Protection Information:

Frame Size: 2000A
 Load: 1,424 A
 OCPD Size: 2000A

Cable Information:

Cable: 6-Sets of 3-1/0 ga. XLP - Cu
 Neutral: 6-Sets of 1/0 ga. XLP - Cu
 Ground: 6-Sets of 250 kcmils XLP - Cu
 Raceway: 2in. RMC

Sect.	Item Description	Category	Voltage	Power	FLA	LRA	Pri. PD	Sec. PD	Motor Type	Starter Class	Starter Size
1a	Pump #1	Inductive Motor	480VAC, 3Ph	85.00HP	128.19	607.30	175A - bkr	---	Full Voltage	full forward	NEMA
1b	Pump #2	Inductive Motor	480VAC, 3Ph	85.00HP	128.19	607.30	175A - bkr	---	Full Voltage	full forward	NEMA
1c	Pump #3	Inductive Motor	480VAC, 3Ph	85.00HP	128.19	607.30	175A - bkr	---	Full Voltage	full forward	NEMA 4
1d	Pump #4	Inductive Motor	480VAC, 3Ph	85.00HP	128.19	607.30	175A - bkr	---	Full Voltage	full forward	NEMA
2a	Drill Station 1	Panel	480VAC, 3Ph		94.45	---	125A - bkr	---	---	---	---
2b	Drill Station 2	Panel	480VAC, 3Ph		94.45	---	125A - bkr	---	---	---	---
2c	Drill Station 3	Panel	480VAC, 3Ph		94.45	---	125A - bkr	---	---	---	---
2d	Surface MCC	Panel	480VAC, 3Ph		627.83	---	800A - bkr	---	---	---	---