

480 VOLTS 3Ø, 3 WIRE		PP-MB										TYPE: BKR MOUNT: SURFACE				
		MAIN BKR 225 A 3 P														
DESCRIPTION	WIRE	CKT BKR			VOLT AMPERE			VOLT AMPERE			CKT BKR			WIRE	DESCRIPTION	
		TRIP	POLE	NO	ØA	ØB	ØC	ØA	ØB	ØC	NO	POLE	TRIP			
AHU-1	2	15	3	1	1000			1000			2	3	15	2	AHU-2	
				3				1000			4					
				5						1000	6					
RTU-1	3	30	3	7	6000					6000	8	3	30	3	RTU-2	
				9				6000			10					
				11						6000	12					
STEAM TO WATER PUMPING PACKAGE	2	15	3	13	3000			3000			14	3	70	8	TX-LP-MB	
				15						15000	16					
				17							18					
								3000			15000					
EXISTING BRIDGE CRANE CONTROLLER	2	20	3	19	1000			1000			18750	2	100	7	TX-LP-MB1	
				21						18750	20					
				23				1000			22					
											24					
DISCONNECT SWITCHES DS-1 THROUGH DS-5	3	30	3	25	4000						2000	26	3	20	2	RELOCATED AIR COMPRESSOR
				27				4000			28					
				29							30					
SPARE		20	3	31								32	3	20		SPARE
				33								34				
				35								36				
SPARE		20	3	37								38	3	20		SPARE
				39								40				
				41								42				
NEMA 12		TOTAL			15000	15000	15000	42750	42750	24000	TOTAL					
		PHASE TOTAL			TOTAL LOAD											
		57750			57750	39000	154500									

				DESIGNED	BRL	THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFORE, SEAL NO. 22769	RECORD DRAWING	THIS DRAWING HAS BEEN MODIFIED TO REFLECT FIELD CHANGES REPORTED BY THE CONTRACTOR OR ANOTHER PARTY, BUT NOT VERIFIED BY THE CERTIFYING ENGINEER. THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY GERALD J. RATASKY, 026535. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.	HAZEN AND SAWYER Environmental Engineers & Scientists 4011 WestChase Blvd, Raleigh, North Carolina 27607	CITY OF ROANOKE VIRGINIA	REGIONAL WATER POLLUTION CONTROL PLANT PROCESS TRAIN IMPROVEMENTS	MAINTENANCE BUILDING MODIFICATIONS ELECTRICAL PANEL SCHEDULES AND WIRING DIAGRAMS	THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE JANUARY 2004		
				DRAWN	DJG									H & S JOB NUMBER	30788C	
				CHECKED										CONTRACT NUMBER	DRAWING NUMBER	
3	RECORD DRAWING	JAN 2006	RLT	PROJ. ENGR.	DAN	THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY RONALD L. TAYLOR, SEAL NO. 024649									C	E963
2	CONSTRUCTION	JAN 2004	RLT													
1	REGULATORY APPROVAL	NOV 2003	RLT													
NO.	ISSUED FOR	DATE	BY	APPROVED												