

PUMP SCHEDULE																			
MARK	AREA / LOCATION	SYSTEM AND/OR SERVICE	TYPE	OSCILLATING FLOW						ELECTRICAL MOTOR				BASE OF DESIGN (APPROVED TOTAL)	REMARKS				
				FLUID	TOTAL FLOW GPM	REQD FLOW GPM	HEAD FT	FT	°F	SP OR	MIN EFF	HP	PHASE			VOLT	MAX RPM	SPEED CONTROL	
N4PWP-1	BASINENT	BOXER PUMP	VERTICAL	WATER	20.2	7.5	306	7.5	15	210	5.88	60	7.5	3	208	3500	"VFD"	GRANDCOGS DCS-5M	SEE NOTES 1,2,4,4.5
N4PWP-2	BASINENT	BOXER PUMP	VERTICAL	WATER	20.2	7.5	306	7.5	15	210	5.88	60	7.5	3	208	3500	"VFD"	GRANDCOGS DCS-5M	SEE NOTES 1,2,4,4.5
N4PWP-3	BASINENT	BOXER PUMP	VERTICAL	WATER	20.2	7.5	306	7.5	15	210	5.88	60	7.5	3	208	3500	"VFD"	GRANDCOGS DCS-5M	SEE NOTES 1,2,4,4.5
N4CPW-1	BASINENT	CONCENTRATE BOXER PUMP	VERTICAL	WATER	30	4.5	91	4.2	12	180	5.88	70	3	3	208	3500	"VFD"	GRANDCOGS DCS-5M	SEE NOTES 2,3,4,4.5
N4CPW-2	BASINENT	CONCENTRATE TRANSFER	VERTICAL	WATER	30	4.5	91	4.2	12	180	5.88	70	3	3	208	3500	"VFD"	GRANDCOGS DCS-5M	SEE NOTES 2,3,4,4.5
1. SUPPLY WITH GRANDCOGS BYPASS REGULATION OFFICE 7.1 GPM (TEMPERATURE RANGE 211-265 DEGREES F)																			
2. SUPPLY WITH ALLEN-HAZLEY POWER/ELEVATION APPROVED EQUAL ADJUSTABLE FREQUENCY AC DRIVES																			
3. SUPPLY WITH GRANDCOGS BYPASS REGULATION OFFICE 4.5 GPM (TEMPERATURE RANGE 211-265 DEGREES F)																			
4. EQUIPMENT SHALL BE SUPPLIED WITH CLEANER BROOKS NAWM 40-MC CONTROL																			

[illegible]

STEAM PRESSURE SAFETY RELIEF VALVE SCHEDULE							
MARK	AREA LOCATION OR EQUIPMENT SERVED	SYSTEM AND/OR SERVICE	STEAM TRAP @ PRESSURE SETTING		MINIMUM CAPACITY	SET PRESSURE	REMARKS
			"F"	PSIG			
14-S-1	14B-F1	STEAM BOILER	-	-	-	106	SUPPLIED WHOLER SEE NOTE 1,2
14-S-2	14B-F1	STEAM BOILER	-	-	-	110	SUPPLIED WHOLER SEE NOTE 1,2
14-S-3	14B-F2	STEAM BOILER	-	-	-	106	SUPPLIED WHOLER SEE NOTE 1,2
14-S-4	14B-F2	STEAM BOILER	-	-	-	110	SUPPLIED WHOLER SEE NOTE 1,2
14-S-5	14B-F3	STEAM BOILER	-	-	-	106	SUPPLIED WHOLER SEE NOTE 1,2
14-S-6	14B-F3	STEAM BOILER	-	-	-	110	SUPPLIED WHOLER SEE NOTE 1,2
14-S-7	14B-F1	FEED WATER ECONOMIZER	-	-	-	300	SUPPLIED WETTED WATER ECONOMIZER SEE NOTE 1,2
14-S-8	14B-F2	FEED WATER ECONOMIZER	-	-	-	300	SUPPLIED WETTED WATER ECONOMIZER SEE NOTE 1,2
14-S-9	14B-F3	FEED WATER ECONOMIZER	-	-	-	300	SUPPLIED WETTED WATER ECONOMIZER SEE NOTE 1,2
14-S-10	DA MEZZANINE	MAIN STEAM PRESSURE REDUCING VALVE SPIN-1, PWS-1	406	13.011	70		KUMCO INST-FLY, L5070 2 1/2" x 4" SEE NOTE 1,2
14-S-11	DA MEZZANINE	DA PRESSURE REDUCING STATION PWS-1	-	-	-	15	SUPPLIED WETTED WATER 2 1/2" x 4" SEE NOTE 1,2
14-S-12	14A-F1	DEFRACTOR	-	-	-	10	SUPPLIED WETTED WATER 1 1/2" x 2" SEE NOTE 1,2

NOTES:
1. ALL RELIEF VALVES SHALL HAVE EXHAUST RITE BACK.

[illegible]

STEAM PRESSURE REDUCING VALVE SCHEDULE												
MARK	LOCATION	SYSTEM AND/OR SERVICE	SIZE	QUANTITY	REQUIRED CAPACITY (MM)			PRESSURE			BASE OF DESIGN (GRAVIMETRIC LOCAL)	REMARKS
					LESS/48"	PSIG	IN	OUT	PSIG			
HP001/1	DIA MEZANINE	DEAERATOR	1/4"	1	1.80	75	5				ANGUSONG INTERNATIONAL SUPPLIED WITH TEGAFLEXION	
HP002/2	DIA MEZANINE	MAN TEAM	3/4"	1	5.68	75	65			MODEL GP 2000 P10, 3.1 X 0.7 X 0.20 FT. X INTL. SING. INTL. INST.	PURCHASED BY CONTRACTOR	
HP003/3	DIA MEZANINE	MAN TEAM	3"	1	7.34	75	65			MODEL GP 2000 P10, 3.1 X 0.7 X 0.20 FT. X INTL. SING. INTL. INST.	PURCHASED BY CONTRACTOR	
HP004/4	DIA MEZANINE	MAN TEAM	3"	1	7.34	75	65			MODEL GP 2000 P10, 3.1 X 0.7 X 0.20 FT. X INTL. SING. INTL. INST.	PURCHASED BY CONTRACTOR NOT INSTALLED - ATTC SDOCK	

INTAKE/EXHAUST HOOD SCHEDULE									
MARK	LOCATION	SYSTEM	TYPE	APPLICATION	THREAT SIZE	APD FLOW	NUMBER	TYPE	BASE OF DESIGN (OR APPROVED EQUIV)
					IN	CFM	IN		
14-11	ROOF	EXHAUST		NON-DOCTED	THRM	22707	1.033	N/A	GREENBOOK E10
NOTES:									

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