DESIGN FILE: I:\ligo\site1\mu\wap002.soz

INPUT/OUTPUT SUMMARY FOR PLUMBING & FIRE PROTECTION PUMPS AT CORNER STATION

SYSTEM, APPARATUS, OR AREA POINT DESCRIPTION	INPUTS – ANALOG – MEASURED							INPUTS – ANALOG – CALCULATED					INPUTS – BINARY							OUTPUTS – DIGITAL					OUTPUTS – ANALOG							SYSTEM FEATURES – ALARMS							SYSTEM FEATURES – PROGRAMS								GENERAL						SUPPLEMENTARY NOTES
	TEMPERATURE	PRESSURE	RH	KW	AIR FLOW	LEVEL	GALLONS	VIBRATIONS	KWH	ENTHALPY	RUN TIME	EFFICIENCY	WET BULB TEMP.	STATUS	FILTER	SMOKE	FREEZE	AIR FLOW	METER	OFF-ON	OFF-AUTO-ON	OFF-HI-LO	OPEN-CLOSE	MULTI-STAGE	DAMPER POSITION	VALVE POSITION	SET POINT ADJUSTMENT	VANE POSITION	SCR CONTROL	HI ANALOG	LOW ANALOG	HI BINARY	LOW BINARY	PROOF		TIME SCHEDULING	DEMAND LIMITING	DUTY CYCLE	START/STOP OPTION	ENTHALPY OPTION	SMOKE CNT.	TREND	ALARM INSTRUCT.	MAINT. WK. ORD.			COLOR GRAPHIC						
DOMESTIC WATER PUMP, DP-04							●			●				●							●																	●				●										
DOMESTIC WATER PUMP, DP-05							●			●				●							●																	●				●										
DOMESTIC WATER PRESSURE		●																													●											●										
DOMESTIC WATER STORAGE TANK LEVEL						●																									●											●										
FIRE WATER STORAGE TANK LEVEL						●																									●											●										
FIRE WATER PUMP, FP-01														●																												●	●									CURRENT SWITCH
FIRE WATER PUMP, FP-02														●																												●	●									CURRENT SWITCH
FIRE WATER JOCKY PUMP, JP-03														●																												●	●									CURRENT SWITCH
FIRE WATER PRESSURE		●																													●																						
WELL PUMP (SEE CIVIL DRAWINGS)										●				●							●												●			●			●			●	●									
DOMESTIC WATER SUPPLY																																															●						
FIRE PUMP ROOM PIPING SYSTEM																																															●						

INPUT/OUTPUT SUMMARY FOR PLUMBING AT MID AND END STATIONS (TYP. 4)

SYSTEM, APPARATUS, OR AREA POINT DESCRIPTION	INPUTS – ANALOG – MEASURED							INPUTS – ANALOG – CALCULATED					INPUTS – BINARY							OUTPUTS – DIGITAL					OUTPUTS – ANALOG							SYSTEM FEATURES – ALARMS							SYSTEM FEATURES – PROGRAMS								GENERAL						SUPPLEMENTARY NOTES
	TEMPERATURE	PRESSURE	RH	KW	AIR FLOW	LEVEL	GALLONS	VIBRATIONS	KWH	ENTHALPY	RUN TIME	EFFICIENCY	WET BULB TEMP.	STATUS	FILTER	SMOKE	FREEZE	AIR FLOW	METER	OFF-ON	OFF-AUTO-ON	OFF-HI-LO	OPEN-CLOSE	MULTI-STAGE	DAMPER POSITION	VALVE POSITION	SET POINT ADJUSTMENT	VANE POSITION	SCR CONTROL	HI ANALOG	LOW ANALOG	HI BINARY	LOW BINARY	PROOF		TIME SCHEDULING	DEMAND LIMITING	DUTY CYCLE	START/STOP OPTION	ENTHALPY OPTION	SMOKE CNT.	TREND	ALARM INSTRUCT.	MAINT. WK. ORD.			COLOR GRAPHIC						
WASTE HOLDING TANK (SEE CIVIL DRAWINGS)						●																								●																						
WATER STORAGE TANK, WT-01		●				●	●																								●																						
DOMESTIC WATER PRESSURE		●																													●											●										
WATER SUPPLY SYSTEM																																															●						

LIGO-D960440-01-O

REFERENCES	
DRAWING NO.	DESCRIPTION

REVISIONS						
NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	5-15-98	CP	AA	AA	PB	ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION		
DRAWN	DG	6-24-96
CHECKED	WR	7/9/96
ENGINEER	MN	7/9/96
PROJ	MDW	7/9/96

AS-BUILT DRAWINGS

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

TITLE: PLUMBING CORNER, MID & END STATIONS I/O SUMMARY

SCALE: NONE | CONTRACT NUMBER: PP150969 | PROJECT NUMBER: 8094

SHEET NUMBER: WA-P-002 | REVISIONS: 1

LIGOWAF.BDR

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