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

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

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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	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: WA-P-002 REVISIONS: 1

LIGOWAF.BDR

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