



**NOTES:**

- FOR PAID LEGEND, SEE Dwg NO. 54370001 & 54370002
- ALL SYSTEMS SHOWN ARE SAFETY CLASS 3 & SEISMIC CATEGORY I EXCEPT AS NOTED
- DELETED
- VALVES & DRAINS SHALL BE LOCATED ON HIGH & LOW POINTS & SHALL BE SHOWN ON PIPING LAYOUT DOCS.
- LOCATE ALL TEST CONNECTIONS PICS ON THE BOTTOM OF THE CONNECTING PIPE.
- ALL INSTRUMENTS ON THIS PAID HAVE SYSTEM DESIGNATOR.
- ALL INSTRUMENTS ON THIS PAID HAVE SEPARATION GROUP "W" UNLESS OTHERWISE NOTED AT FIVE O'CLOCK POSITION.
- ALL VENT & DRAIN VALVES ON VESSEL EQUIPMENT SHALL BE SUPPLIED BY MEC.
- SIZES FOR VENT, DRAIN & TEST CONNECTIONS ARE AS FOLLOWS:

COMPONENT	CH WTR PUMP		AIR HANDLING UNIT		CH WTR LINES
	SEAL	BASE	SUPPLY	DISCHARGE	
VENT	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	1"
DRAIN	1/2" NPT	1/2" NPT	1/2" NPT	1/2" NPT	2" NPT COUP
TEST					1/2"

**REFERENCE DWGS:**

- 54370001 ESSENTIAL COOLING WATER SYSTEM PAID
- 54370002 ESSENTIAL CHILLED WATER SYSTEM PAID
- 54370003 ESSENTIAL CHILLED WATER SYSTEM PAID
- 54370004 ESSENTIAL CHILLED WATER SYSTEM PAID
- 54370005 PRESSURIZED GAS DISTRIBUTION SYSTEM PAID
- 54370006 CONDENSATED WATER SYSTEM PAID

**ANSTEC APERTURE CARD**

SV119V1000102 09/22/1997 26

COMPONENT LOCATION: MECHANICAL AUXILIARY BUILDING

NO.	ISSUE DATE	REVISION	BY	CHKD	DATE	TERM	DATE
1	12-16-94	ISSUED FOR CONSTRUCTION					

**HOUSTON LIGHTING & POWER COMPANY**  
SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

**PIPING & INSTRUMENTATION DIAGRAM - HVAC**  
ESSENTIAL CHILLED WATER SYSTEM

SCALE: NONE DRAWING NO. SV119V1000102 26

30:1

9710030214

PDR RIDS

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