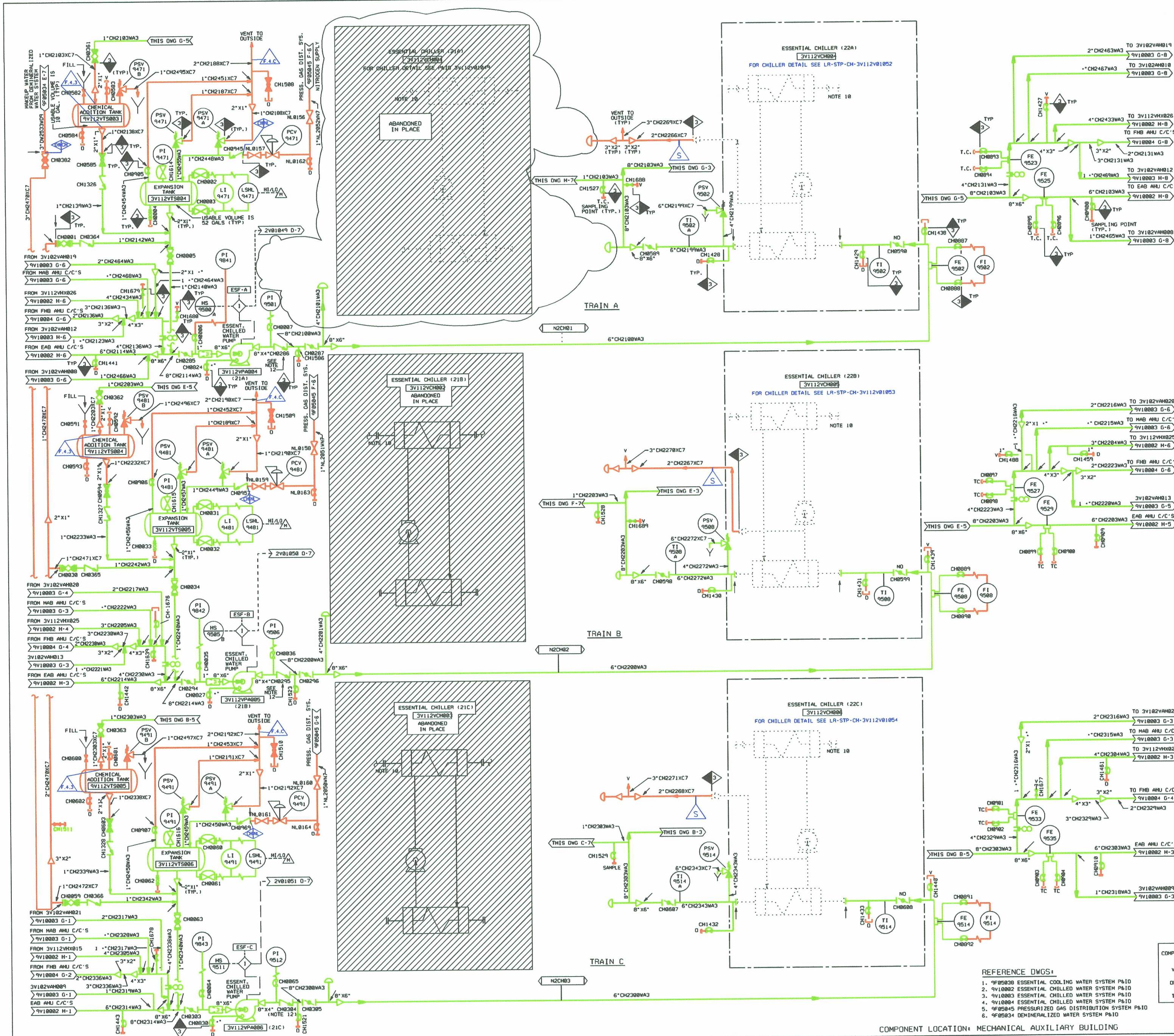




- NOTES:
- FOR P&ID LEGEND, SEE DWG NOS. 9A310P00001 & 9A310P00002.
 - ALL SYSTEMS SHOWN ARE SAFETY CLASS 3 & SEISMIC CATEGORY I EXCEPT AS NOTED.
 - DELETED.
 - VENTS & DRAINS WILL BE LOCATED ON HIGH & LOW POINTS & WILL BE SHOWN ON PIPING LAYOUT DWGS.
 - LOCATE ALL TEST CONNECTIONS (TC'S) ON THE BOTTOM OF THE CONNECTING PIPE.
 - ALL INSTRUMENTS ON THIS P&ID HAVE SYSTEM DESIGNATOR "CH".
 - ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP "N" UNLESS OTHERWISE NOTED AT FIVE O'CLOCK POSITION.
 - ALL VENT & DRAIN VALVES AND VENDOR EQUIPMENT WILL BE SUPPLIED BY BEC.
 - SIZES FOR VENT, DRAIN, AND TEST CONNECTIONS ARE AS FOLLOWS:

COMPONENTS	CH. MTR. PUMP			AIR HANDLING UNIT			CH. VTR. LINES
	SEAL	BASE	CASING	SUPPLY	DISCHARGE	DRIP PAN	
VENT	"N" NPT	"N" NPT	"N" NPT	"N" NPT	"N" NPT	"N" NPT	1"
DRAIN	"N" NPT	1" NPT	"N" NPT	"N" NPT	"N" NPT	2" HALF COUP	1"
TEST							"

- REFERENCE DWGS:
- 9F05030 ESSENTIAL COOLING WATER SYSTEM P&ID
 - 9V10002 ESSENTIAL CHILLED WATER SYSTEM P&ID
 - 9V10003 ESSENTIAL CHILLED WATER SYSTEM P&ID
 - 9V10004 ESSENTIAL CHILLED WATER SYSTEM P&ID
 - 9F05045 PRESSURIZED GAS DISTRIBUTION SYSTEM P&ID
 - 9F05034 DEIONIZED WATER SYSTEM P&ID

- FOR CONDENSER WATER PIPING SEE REFERENCE DWG NO. 1 BELOW.
- N.I. AMENDMENT FOR 9V10005 APPROV. DATE 3-18-88.
- CHECK VALVE INTERNALS REMOVED.

COMPONENT LOCATION: MECHANICAL AUXILIARY BUILDING



PIPING & INSTRUMENTATION DIAGRAM - HVAC
ESSENTIAL CHILLED WATER SYSTEM

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE	NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE	PRIORITY	CADD FILE NO.	FSUC. NO.	STI. NO.	SCALE	DWG. NO.	SHT.	REV.
31	12-16-82	INCORP. DCN 0004002. ISSUED FOR CONSTRUCTION.	VJM													1	FJA503.311	0070928		NONE	5V119V10001*2		31

LR BOUNDARY DRAWING NO.	REV.
LR-STP-CH-5V119V10001*2	08

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