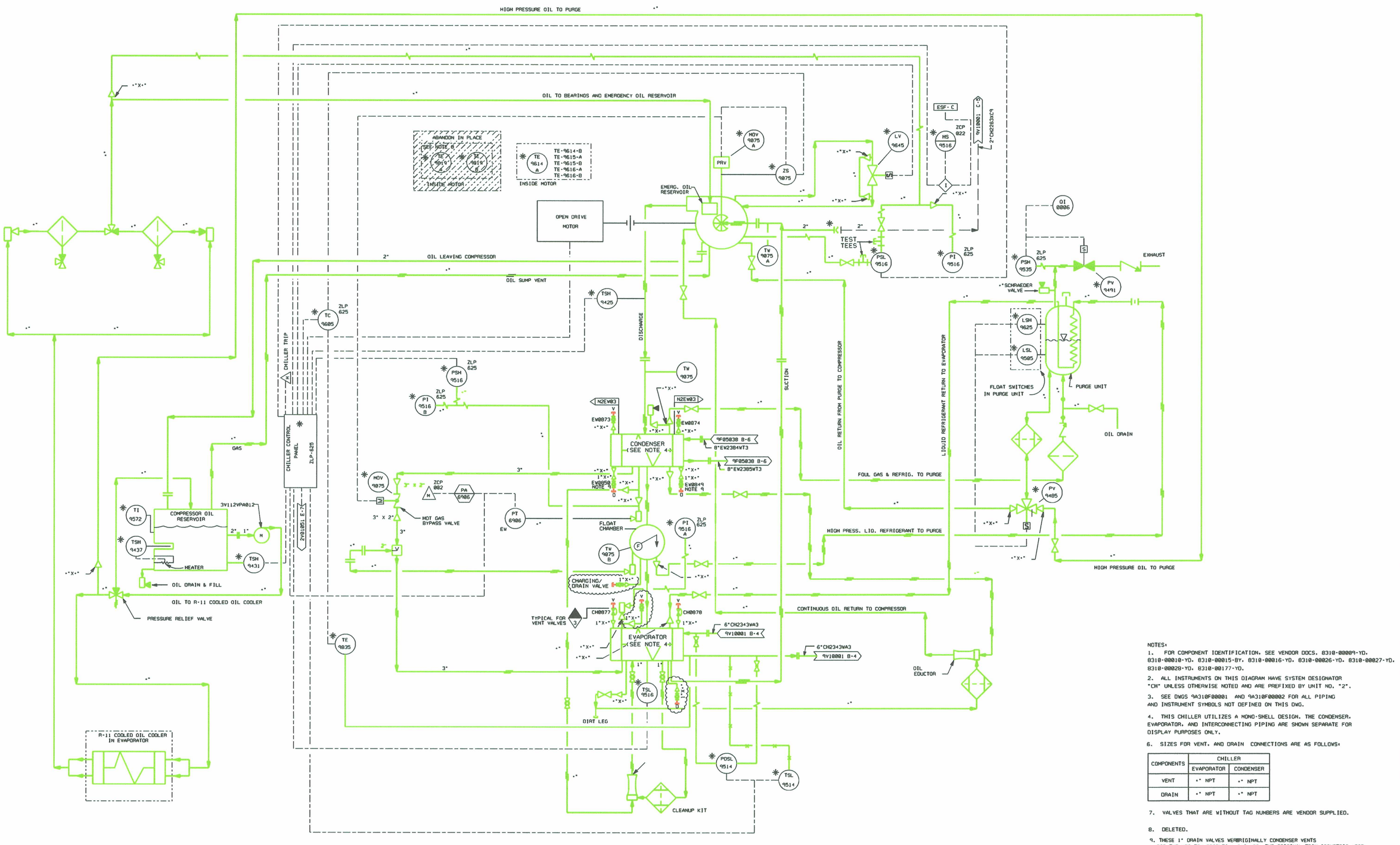

ESSENTIAL CHILLER 3V112VCH006 (22C)

NOTES:

1. FOR COMPONENT IDENTIFICATION, SEE VENDOR DOCS. 8310-00009-YD. 8310-00010-YD. 8310-00015-BY. 8310-00016-YD. 8310-00026-YD. 8310-00027-YD. 8310-00028-YD. 8310-00177-YD.
2. ALL INSTRUMENTS ON THIS DIAGRAM HAVE SYSTEM DESIGNATOR "CH" UNLESS OTHERWISE NOTED AND ARE PREFIXED BY UNIT NO. "2".
3. SEE DWGS 9A310F00001 AND 9A310F00002 FOR ALL PIPING AND INSTRUMENT SYMBOLS NOT DEFINED ON THIS DWG.
4. THIS CHILLER UTILIZES A MONO-SHELL DESIGN. THE CONDENSER, EVAPORATOR, AND INTERCONNECTING PIPING ARE SHOWN SEPARATE FOR DISPLAY PURPOSES ONLY.
6. SIZES FOR VENT, AND DRAIN CONNECTIONS ARE AS FOLLOWS:

COMPONENTS	CHILLER	
	EVAPORATOR	CONDENSER
VENT	.* NPT	.* NPT
DRAIN	.* NPT	.* NPT

7. VALVES THAT ARE WITHOUT TAG NUMBERS ARE VENDOR SUPPLIED.
8. DELETED.
9. THESE 1" DRAIN VALVES WERE ORIGINALLY CONDENSER VENTS FOR THE 150 TON ESSENTIAL CHILLER. THE ORIGINAL TRIM ISOMETRIC (FOR WELD TRACEABILITY) IS 3H372PCH760-GHT. ABI, WITH THESE VALVES BEING ORIGINALLY CLASSIFIED AS "CH" SYSTEM WITH THE SAME VALVE NUMBER.

FILTER-DRYER | OIL FILTER | LIQUID INJECTION NOZZLE | PRE-ROTATION VANE MOTOR | SERVICE VALVE

CONTROL FUNCTIONS INTERRELATED
OIL LINE
REFRIGERANT LINE
MIXED OIL AND REFRIGERANT LINE

2033

LR BOUNDARY DRAWING NO.	REV.
LR-STP-CH-3V112V01054	0B

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	OV	SE
14		INCORP. DCN 0401253.	JSH				
13	1-20-05	INCORP. DCN 0402118.	JSH	ON FILE			
12	7-11-02	REVISED PER CR 97-6297-141	JGL	ON FILE			
11	4-18-02	INCORP. DCN 0004030	SIGNATURES ON FILE				
10	3-14-00	INCORP. DCN 9900817	SIGNATURES ON FILE				
0-9	1-6-93	ISSED FOR CONSTRUCTION.	SIGNATURES ON FILE				

ESSEED.DGN

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY

PRIORITY	CADD FILE NO.	FSUG. NO.	STI. NO.
1	V0058.141	D070928	

PIPING & INSTRUMENTATION DIAGRAM
REFRIGERATION CHILLER 3V112VCH006
CHILLED WATER SYSTEM TRAIN "C"

SCALE	DWG. NO.	SHT.	REV.
NONE	3V112V01054	-	14