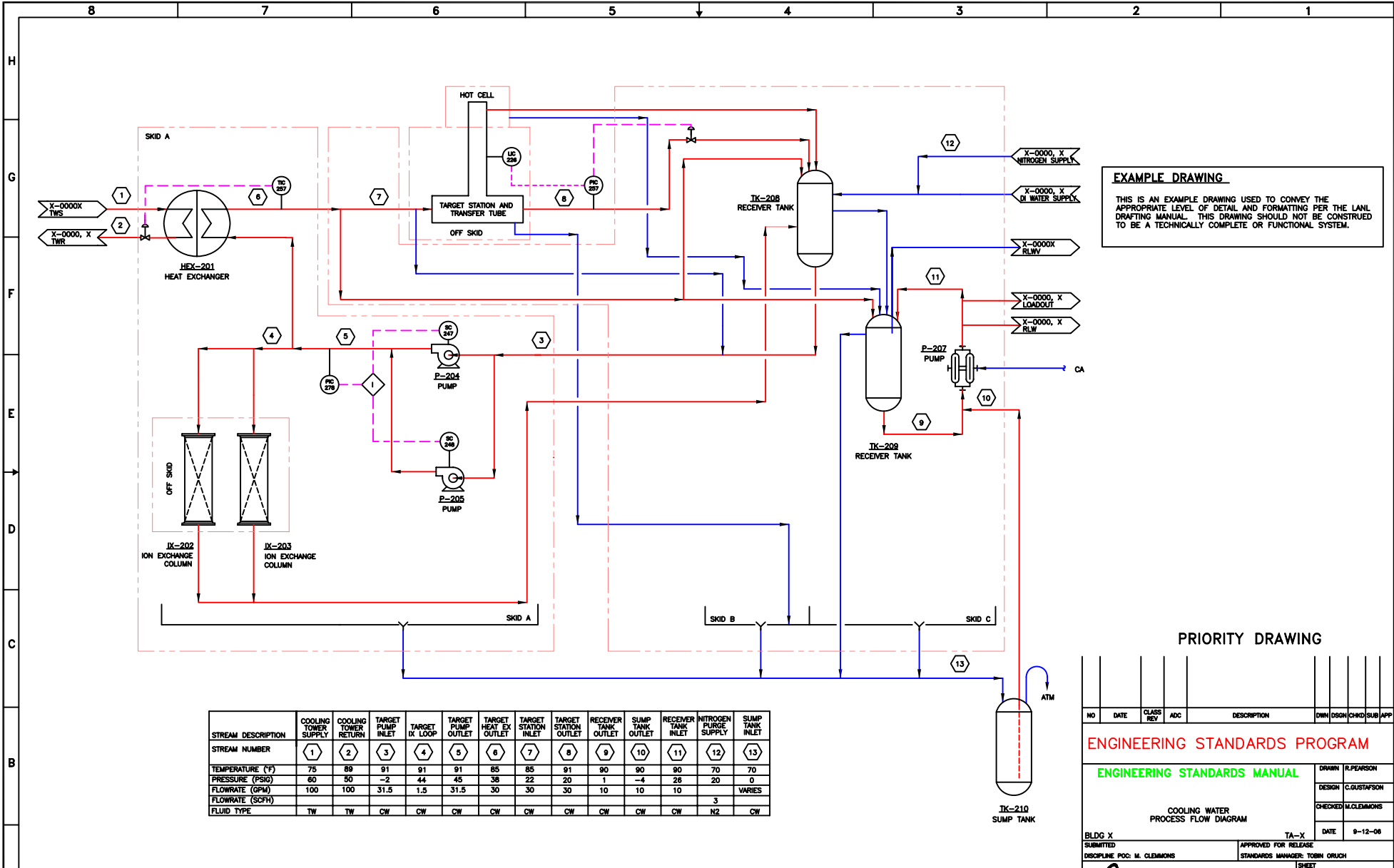


I:\data\20014837_CoolingWaterProcess\COOLING WATER PFD.dwg, 06/10/06 @ 18:49 gpedada



EXAMPLE DRAWING

THIS IS AN EXAMPLE DRAWING USED TO CONVEY THE APPROPRIATE LEVEL OF DETAIL AND FORMATTING PER THE LANL DRAFTING MANUAL. THIS DRAWING SHOULD NOT BE CONSTRUED TO BE A TECHNICALLY COMPLETE OR FUNCTIONAL SYSTEM.

STREAM DESCRIPTION	COOLING TOWER SUPPLY	COOLING TOWER RETURN	TARGET PUMP INLET	TARGET IX LOOP	TARGET PUMP OUTLET	TARGET HEAT EX OUTLET	TARGET STATION INLET	TARGET STATION OUTLET	RECEIVER TANK OUTLET	SUMP TANK OUTLET	RECEIVER TANK INLET	NITROGEN PURGE SUPPLY	SUMP TANK INLET
STREAM NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13
TEMPERATURE (°F)	75	89	91	91	91	85	85	91	90	90	90	70	70
PRESSURE (PSIG)	60	50	-2	44	45	38	22	20	1	-4	25	20	0
FLOWRATE (GPM)	100	100	31.5	1.5	31.5	30	30	30	10	10	10		VARIES
FLOWRATE (SCFH)												3	
FLUID TYPE	TW	TW	CW	CW	CW	CW	CW	CW	CW	CW	CW	N2	CW

COOLING WATER PFD
SCALE: NONE

PRIORITY DRAWING

NO	DATE	CLASS REV	ADC	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
ENGINEERING STANDARDS PROGRAM									
ENGINEERING STANDARDS MANUAL								DESIGN	R. PEARSON
COOLING WATER PROCESS FLOW DIAGRAM								CHECKED	M. CLEMMONS
BLDG X								DATE	9-12-06
DISCIPLINE POC: M. CLEMMONS								STANDARDS MANAGER: TOBIN ORUCH	
								REVIEWER: TOBIN ORUCH	DATE:
CLASSIFICATION: U								PROJECT ID	
								REVIEWER: TOBIN ORUCH	DATE:
CHAPTER 8								DRAWING NO	D-6020
1								REV	0