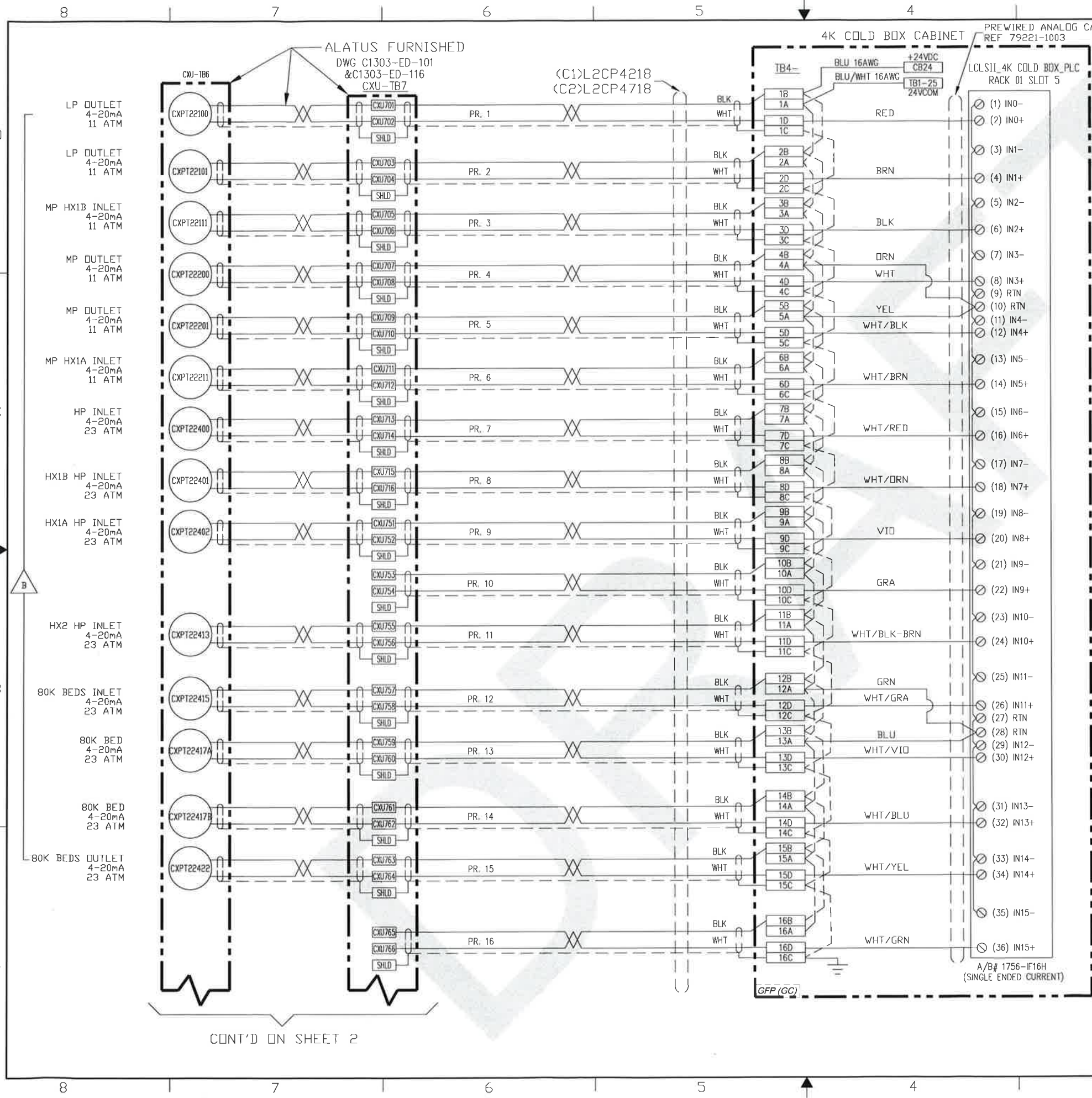
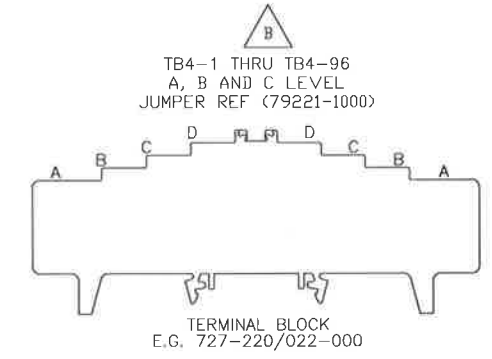


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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
ALL	-	INITIAL SUBMITTAL	30AUG17	R. NORTON
SH1-8 SH2-8 SH3-8B SH4	A	1. ADDED DETAILED DESCRIPTION TO MULTIPLE SIGNALS ON ALL SHEETS. 2. REMOVED DUPLICATE SIGNALS. 3. CHANGED THE SIGNAL FROM CXPT22155 TO CXPT22160. 4. REMOVED DUPLICATED SIGNAL. 5. REMOVED DUPLICATED SIGNAL, ADDED FIELD SIDE TERMINALS AND REMOVED LOOP POWER FOR HEATER WATT METER. 6. ADDED FIELD SIDE TERMINALS ON AND REMOVED LOOP POWER FOR HEATER WATT METER. 7. REMOVED LOOP POWER FOR HEATER WATT METER, REMOVED DUPLICATE SIGNALS. 8. MOVED ALL TP'S TO CRYOCON. 9. MOVED TP'S TO CRYOCON EXCEPT FOR TURBINE TP'S 10. REMOVED ALL FT'S AND CHANGED PT TAGS.	17NOV17	R. NORTON
SH8-5D SH8-8A SH9-8 SH10-8 SH11-8C	B	1. GROUND CONNECTION WIRING DAISY CHAINED ON ALL MODULES. 2. REVISED TRANSDUCER RANGE TO REPRESENT IN ATM. 3. REVISED THE CONNECTIONS ON TERMINAL LAYER A & B. 4. ADDED TERMINAL NUMBERS. 5. ADDED SIGNALS FROM SHEET 10, 11. 6. REVISED SHEET 10 COMPLETELY. DELETED SHEET 11 7. REMOVED ALL THE SPARE CONNECTIONS. 8. ADDED CABLE REFERENCE. 9. REVISED TERMINAL BLOCK NOTE.	20DEC17	R. NORTON
SH2,7,8	C	1. FIXED HEATER READBACK POWERS.	29MAR18	R. NORTON
SH5-8	D	1. REARRANGED CHANNELS. 2. ADDED FUSES TO TURBINE SPEED AND BRAKE POWER WIRES.	12JUL18	R. NORTON
ALL	E	1. REARRANGED ALL CHANNELS. 2. CHANGED FIELD TERMINAL BLOCKS PER AL.	21NOV18	R. NORTON



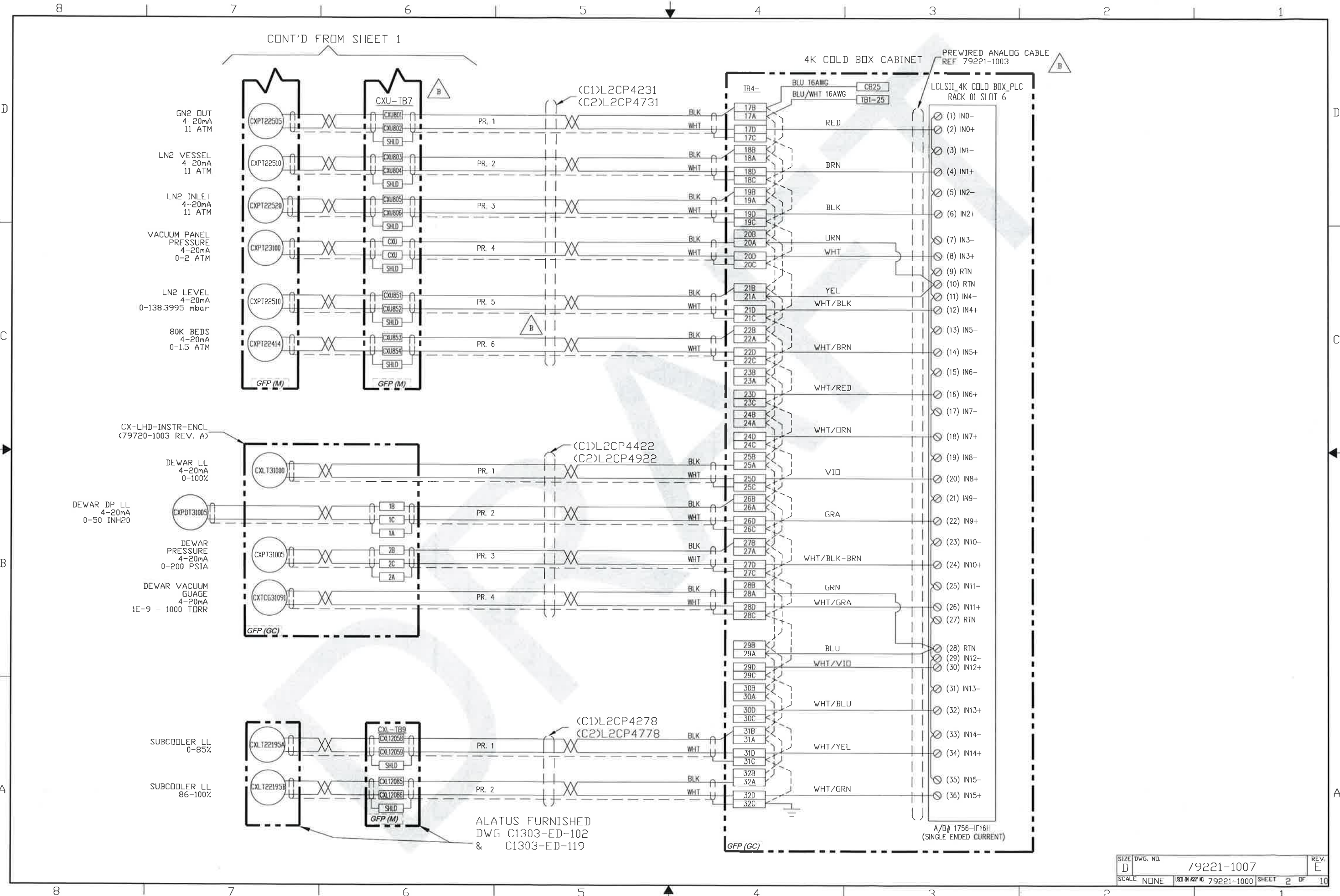
- NOTES-
- ALL WIRES ARE 20AWG UNLESS OTHERWISE SPECIFIED.
 - UNLESS OTHERWISE SPECIFIED, ALL FIELD COMPONENTS AND CABLES TO BE INSTALLED BY GENERAL CONTRACTOR.
 - ALL 24 PAIR CABLES, UNLESS OTHERWISE NOTED, ARE ALPHA PART NO. M9740240.
 - X IS 1 OR 2 FOR C1 OR C2, RESPECTIVELY.

EACH SHEET OF A MULTI-SHEET DRAWING SHALL ALWAYS CARRY THE SAME REVISION LEVEL

DIM & TOL PER ASME Y14.5 2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLES $\pm 1/8$.X ± 1 $\pm .50^\circ$ $\pm .005$.XX $\pm .01$ $\pm .005$.XXX $\pm .005$	MATERIAL NONE	U.S. Department of Energy Office of Science Jefferson Lab Thomas Jefferson National Accelerator Facility Operated by Jefferson Science Associates, LLC
THIRD ANGLE PROJECTION 	FINISH MACHINED SURFACES N/A UNLESS OTHERWISE NOTED DEBURR & BREAK ALL SHARP EDGES	LCLS II CRYOGENICS 4K COLD BOX SYSTEM ANALOG INPUT, SINGLE ENDED CURRENT PLC MODULE TERMINATION DETAIL
DO NOT SCALE DRAWING DRAWN T.MCCOOL DATE 30AUG17	SCALE NONE USED ON ASSY NO. 79221-1000 SHEET 1 OF 10	SIZE DWG. NO. 79221-1007 REV. E

CONT'D ON SHEET 2

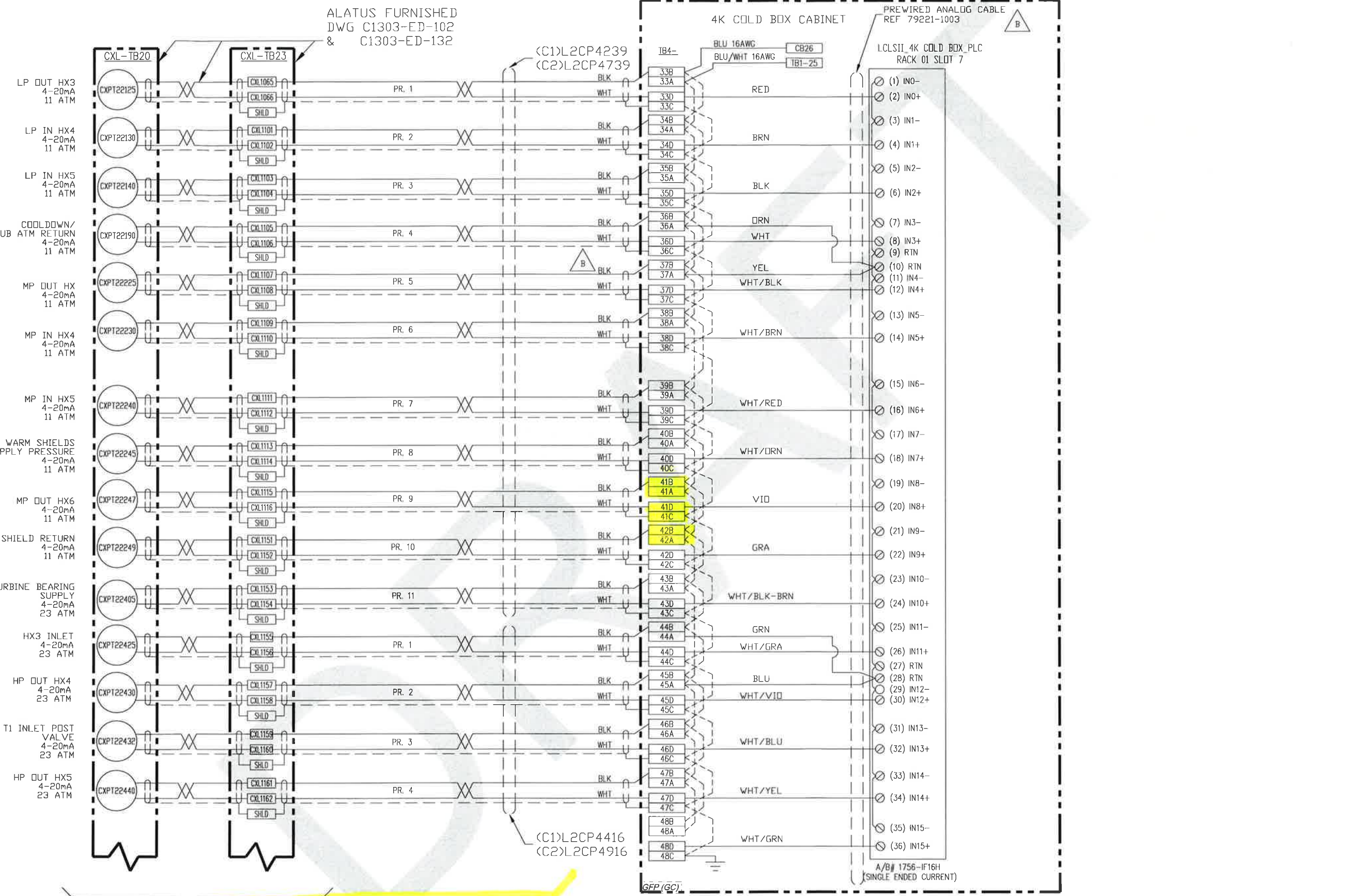
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SIZE	DWG. NO.	REV.
D	79221-1007	E
SCALE	ISS. ON ASSY NO.	SHEET
NONE	79221-1000	2 OF 10

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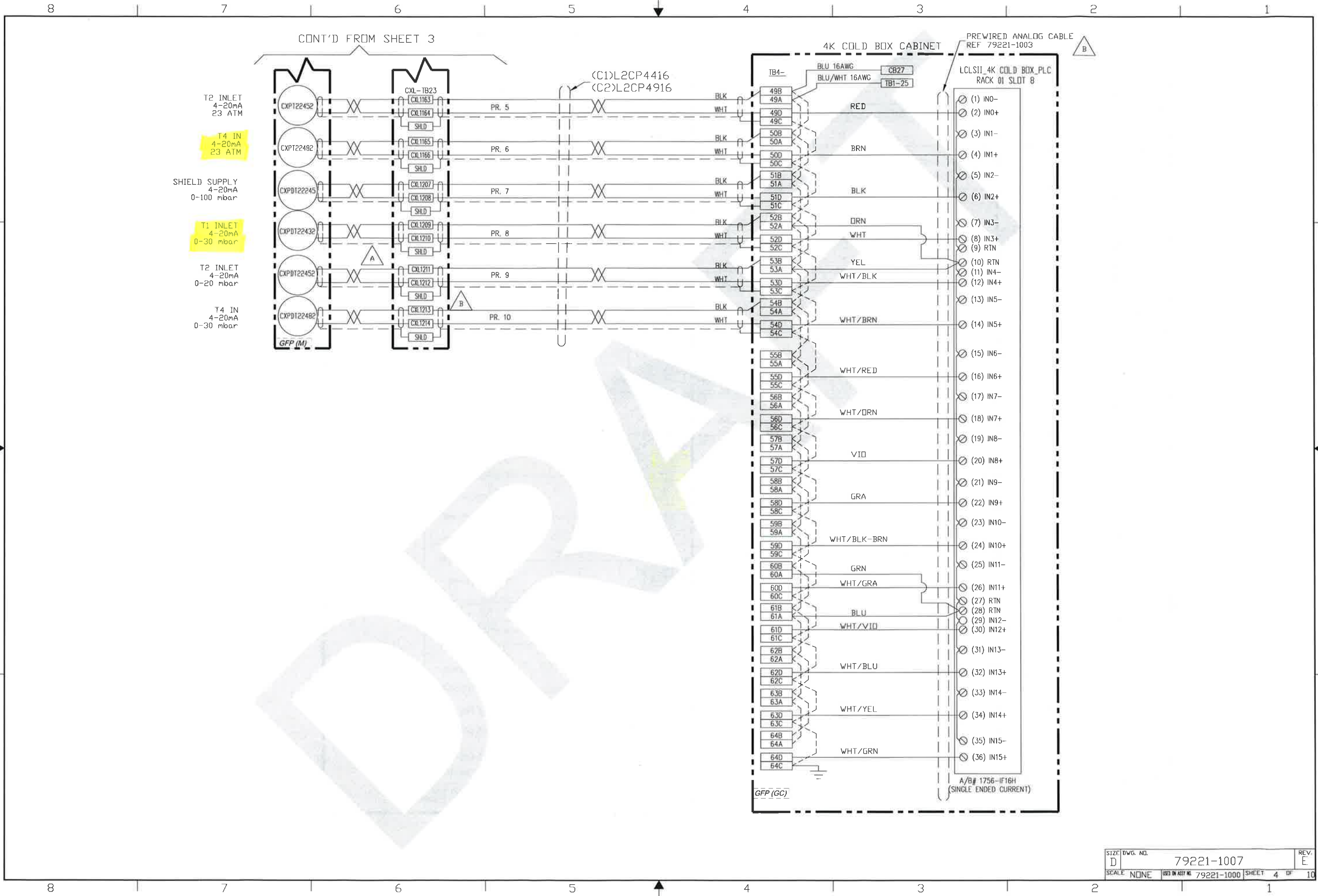


CONT'D ON SHEET 4

SIZE: DWG. NO.	D	79221-1007	REV.	E
SCALE	NONE	USE IN ASSY NO. 79221-1000	SHEET	3 OF 10

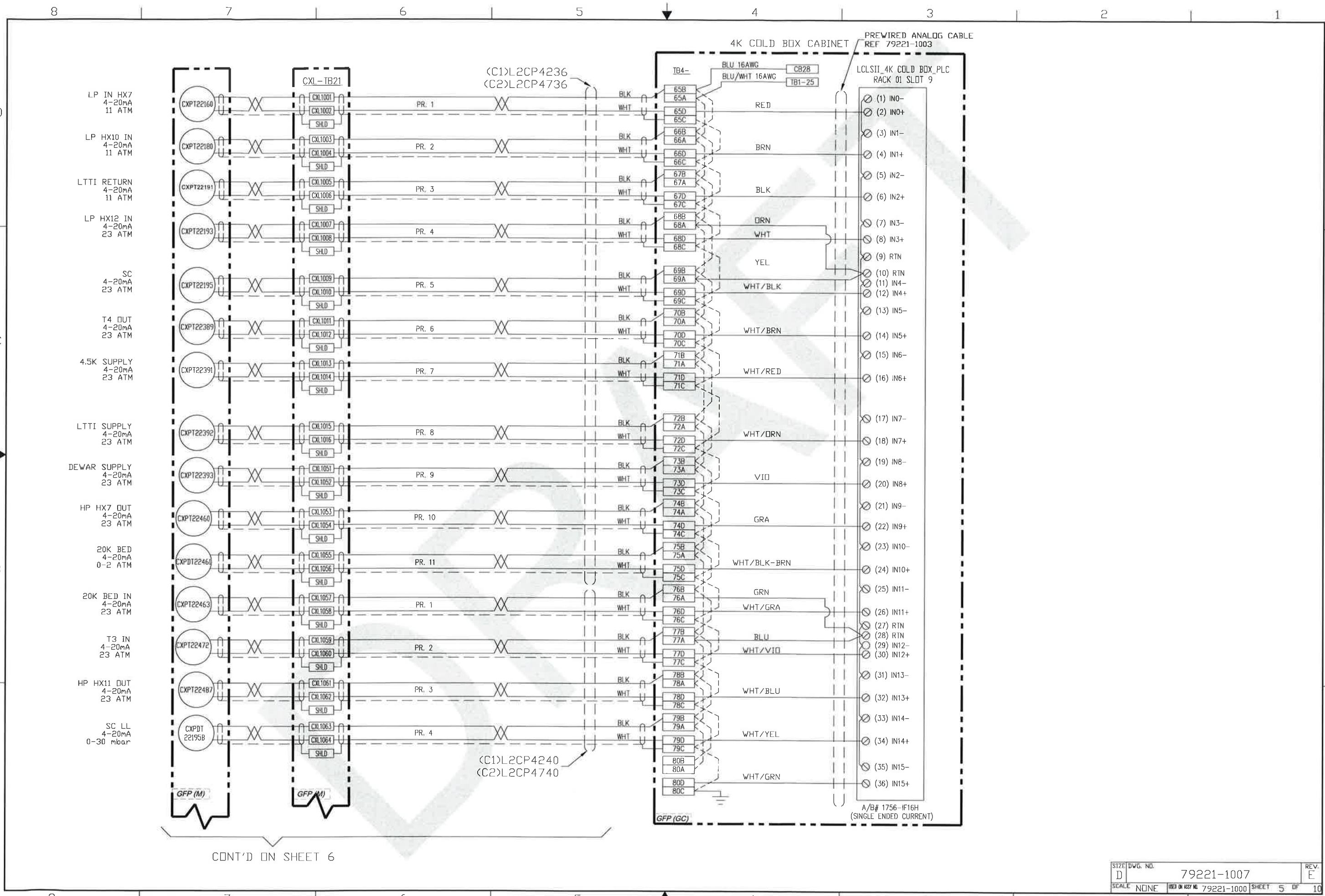
8 7 6 5 4 3 2 1

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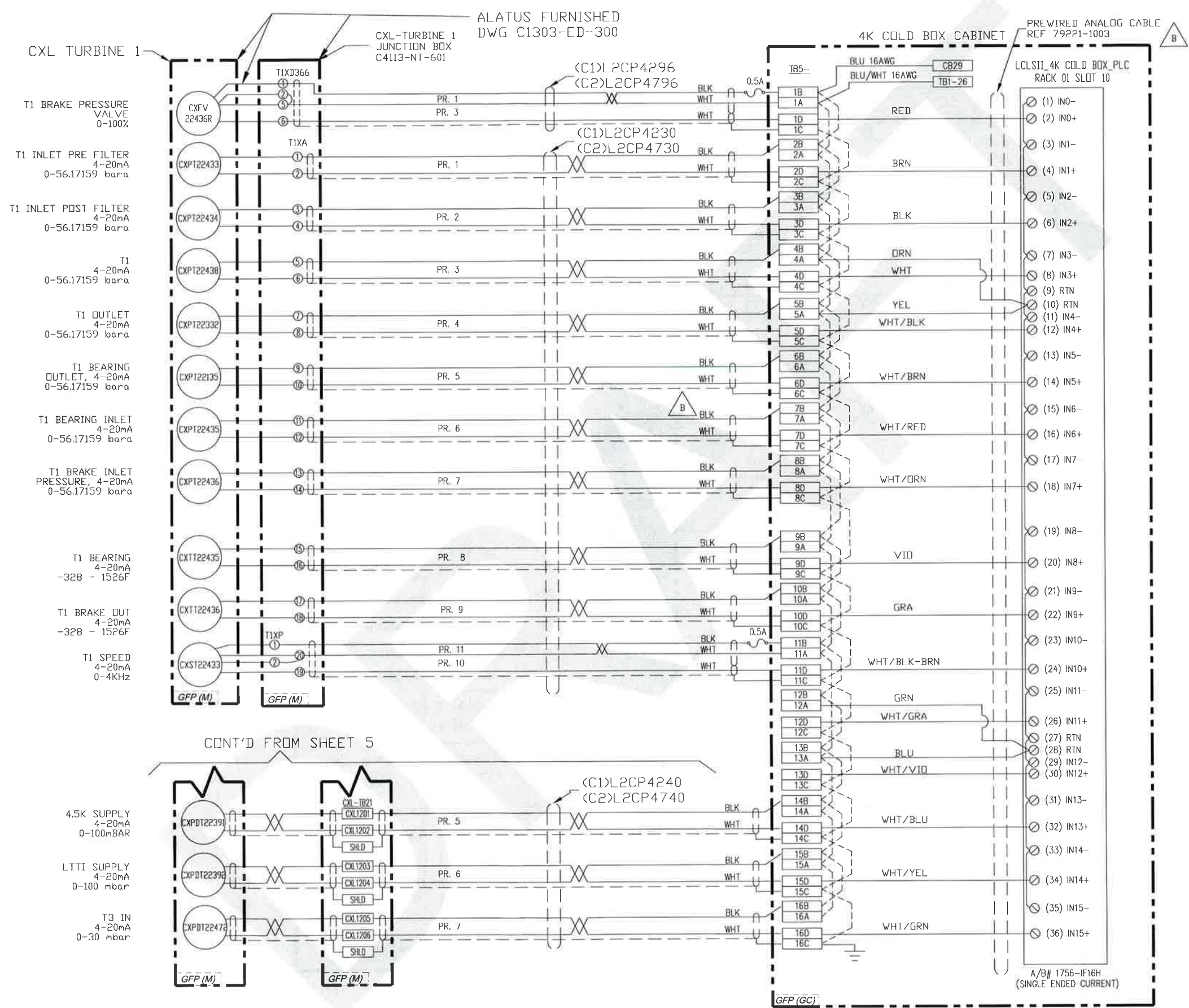
SIZE	DWG. NO.	REV.
D	79221-1007	E
SCALE	DATE ON ASST. NO.	SHEET
NONE	79221-1000	4 OF 10

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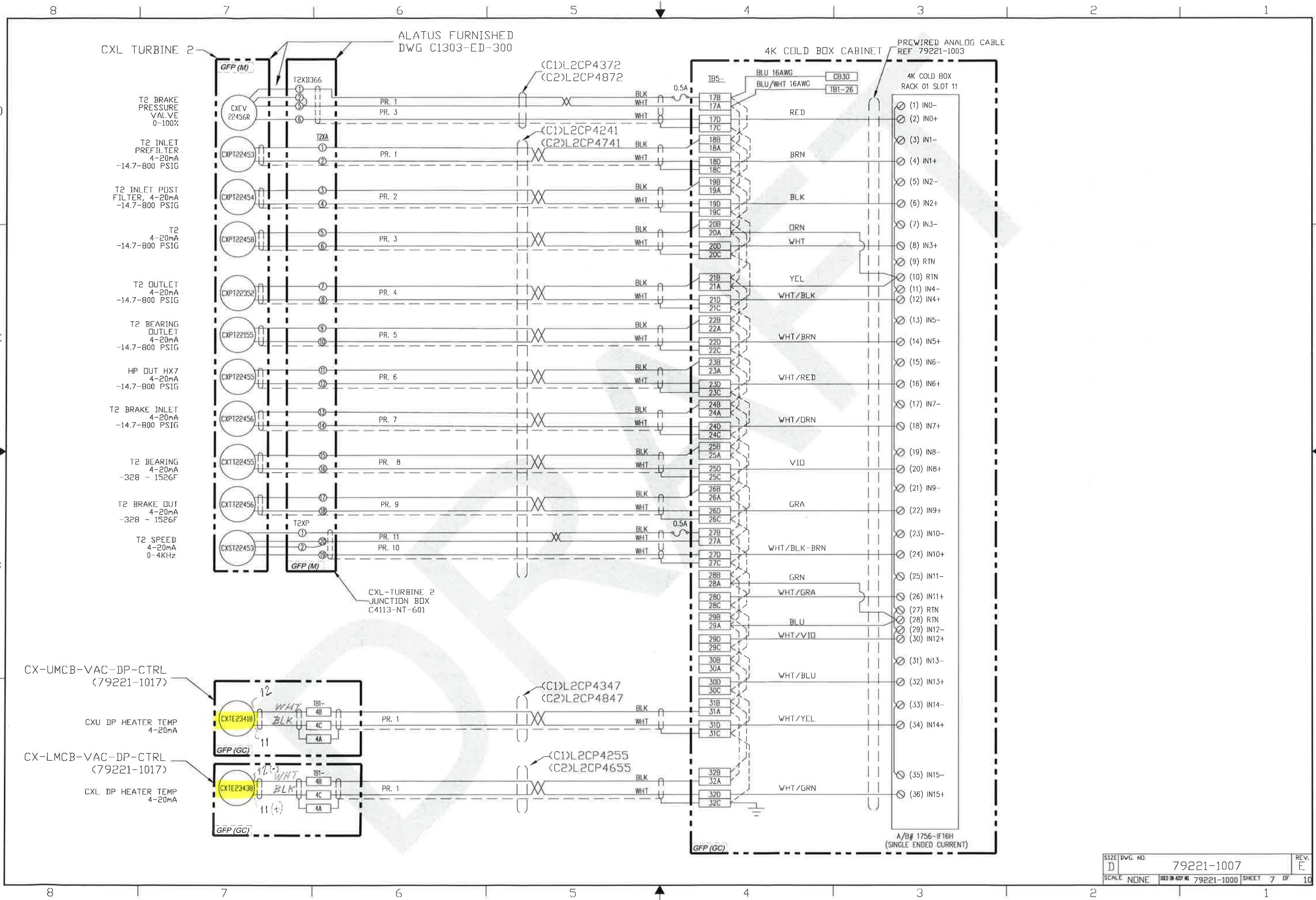
SIZE	DWG. NO.	REV.
D	79221-1007	E
SCALE	DATE	SHEET
NONE	NOV 14 2017	5 OF 10

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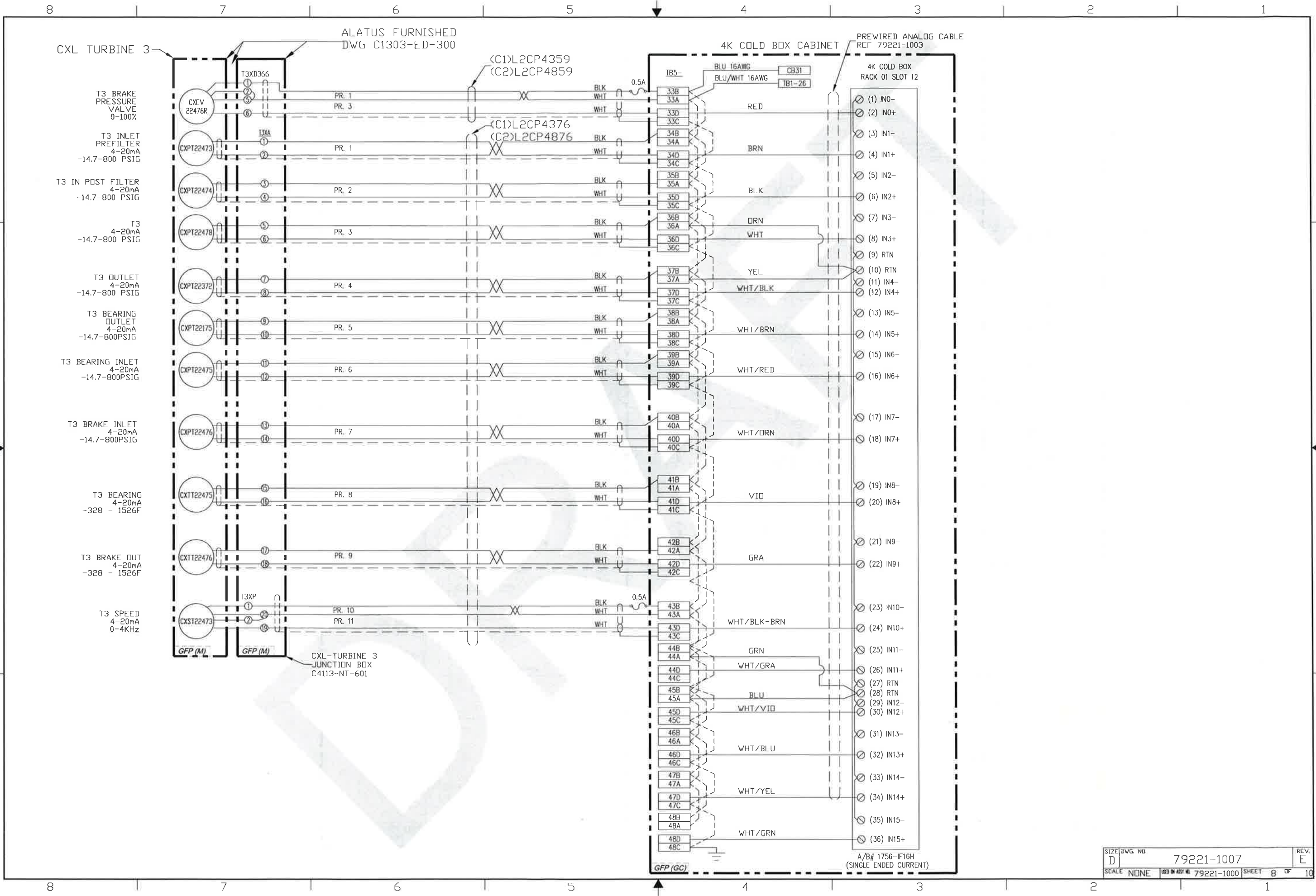
SIZE	DWG. NO.	REV.
D	79221-1007	E
SCALE	DATE IN ASST. NO.	SHEET
NONE	79221-1000	6 OF 10

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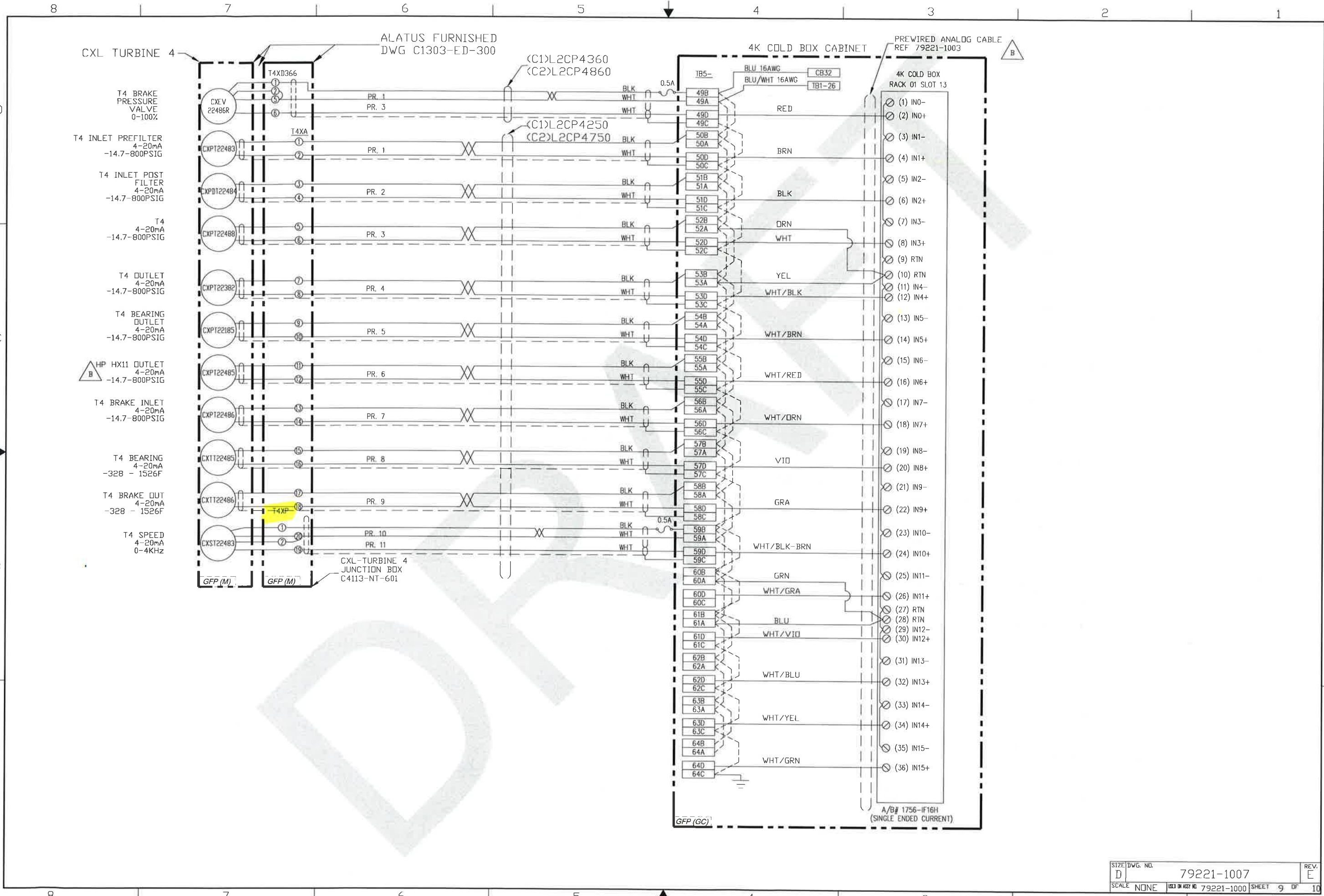
SIZE DWG. NO.	79221-1007	REV.	E
SCALE	NONE	SHEET	7 OF 10

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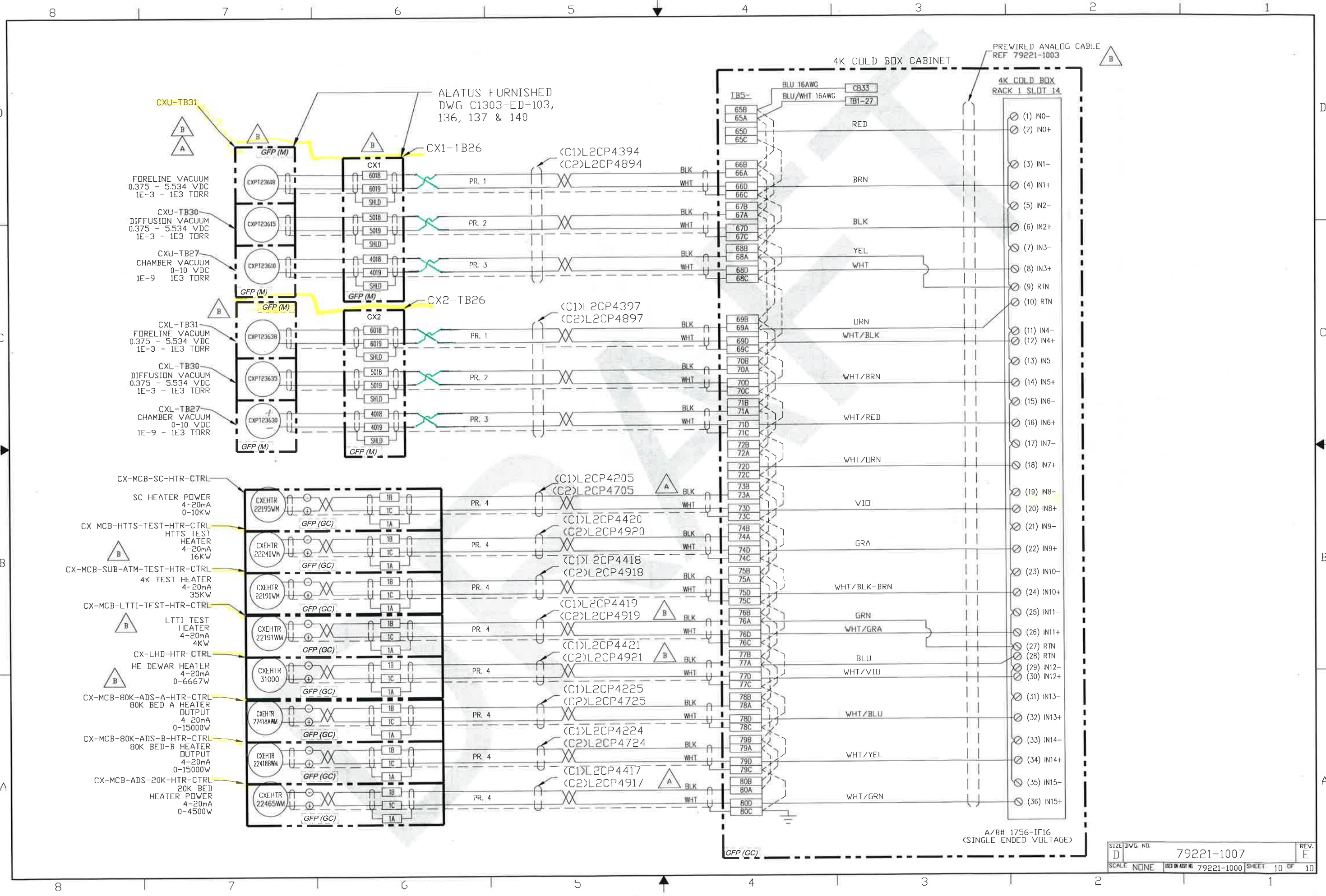


SIZE DWG. NO.	79221-1007	REV.	E
SCALE NONE	ISSUED BY 79221-1000	SHEET 8	OF 10

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SIZE	DWG NO.	REV.
D	79221-1007	E
SCALE	NONE	SHEET 10 OF 10