

87654321

A

B

C

D

E

F

G

H

N430WB ELECTRICAL SYSTEM
SCHEMATIC

MFGR	PN	SN	PURCHAS ED
GARMIN	GDU-460	350002240	5/29/2017
GARMIN	GDU-460	350002238	5/29/2017
GARMIN	GSA-28	2PG004041	3/12/2017
GARMIN	GSA-28	2PG004040	3/12/2017
GARMIN	GAD-27	4A8000GG1	5/29/2017
GARMIN	GEA-24	2J2002790	5/29/2017
GARMIN	GAP-26	34F101300	5/29/2017
GARMIN	GMU-22	278002360	5/29/2017
GARMIN	GMC-307	4DH200592	7/10/2017
GARMIN	GSU-25	2SA003861	5/29/2017
GARMIN	GTX-45R	4YC000398	7/10/2017
GARMIN	GTR-20	2QP000758	7/10/2017
GARMIN	GPS-20A	4CK000455	2/2/17
GARMIN	GA-35	133335	5/29/2017
ARTEX	ELT	?	?
?	COMM ANT	?	?
?	XPDR ANT	?	?
WHELEN	L STROBE	?	?
WHELEN	R STROBE	?	?
WHELEN	TAIL STROBE	?	?
WHELEN	BATT. BU.	?	?

ALL UNSHIELDED WIRE: MIL-W-22759/16; 22 AWG UNLESS NOTED.

ALL SHIELDED WIRE: MIL-C-27500-22TG

○

TB## TERMINAL BLOCK SPLICE

ST
R

▽

GND TO STRUCTURE

G

▽

SHIELD GND (LOCAL BACKSHELL).

TAB
S

⏏

POWER RETURN GROUND ("FOREST OF TABS").

<<

IN-LINE SPLICE (NO CONNECTOR SHELL).

—

XNN/
AA

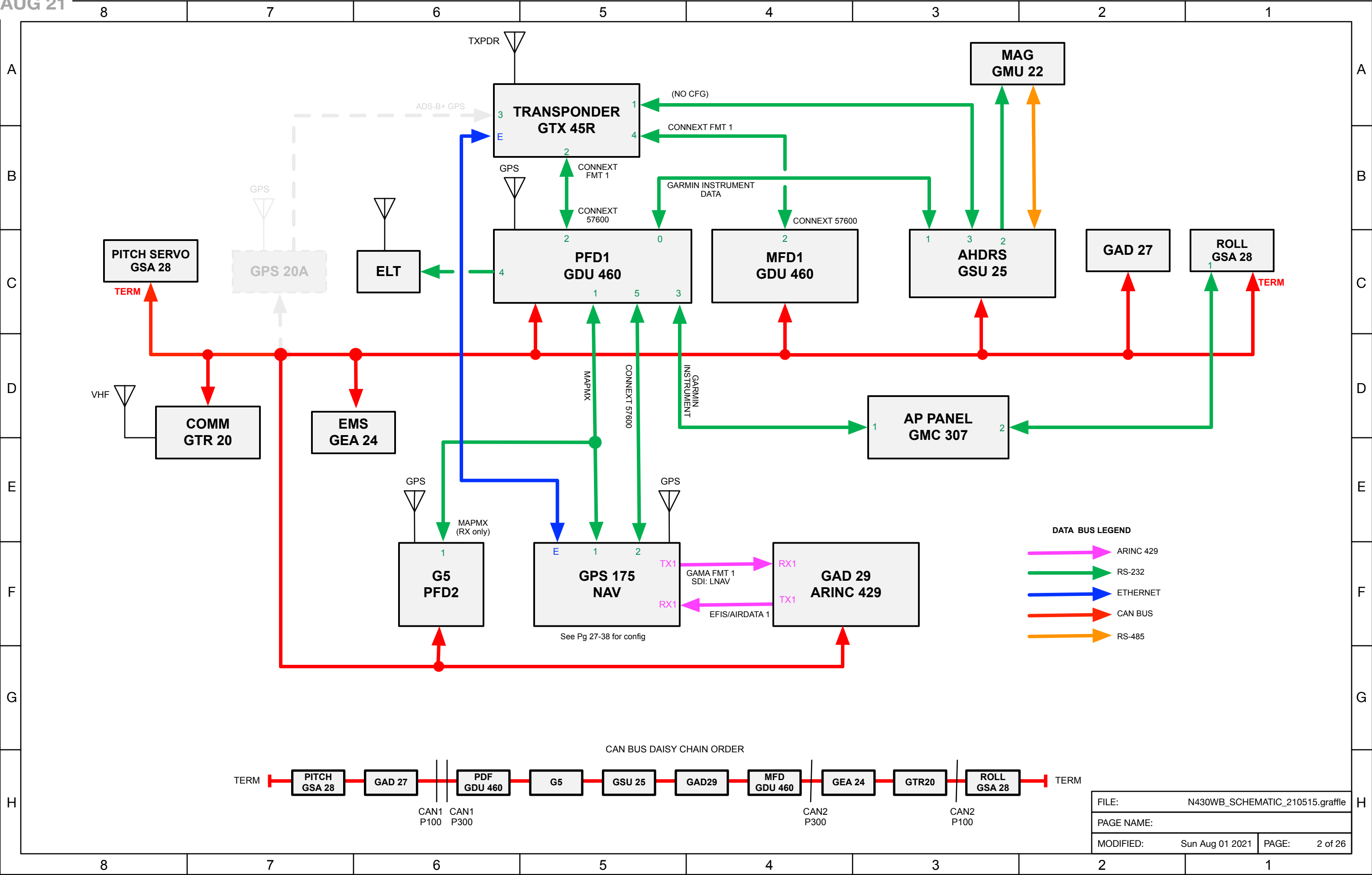
—

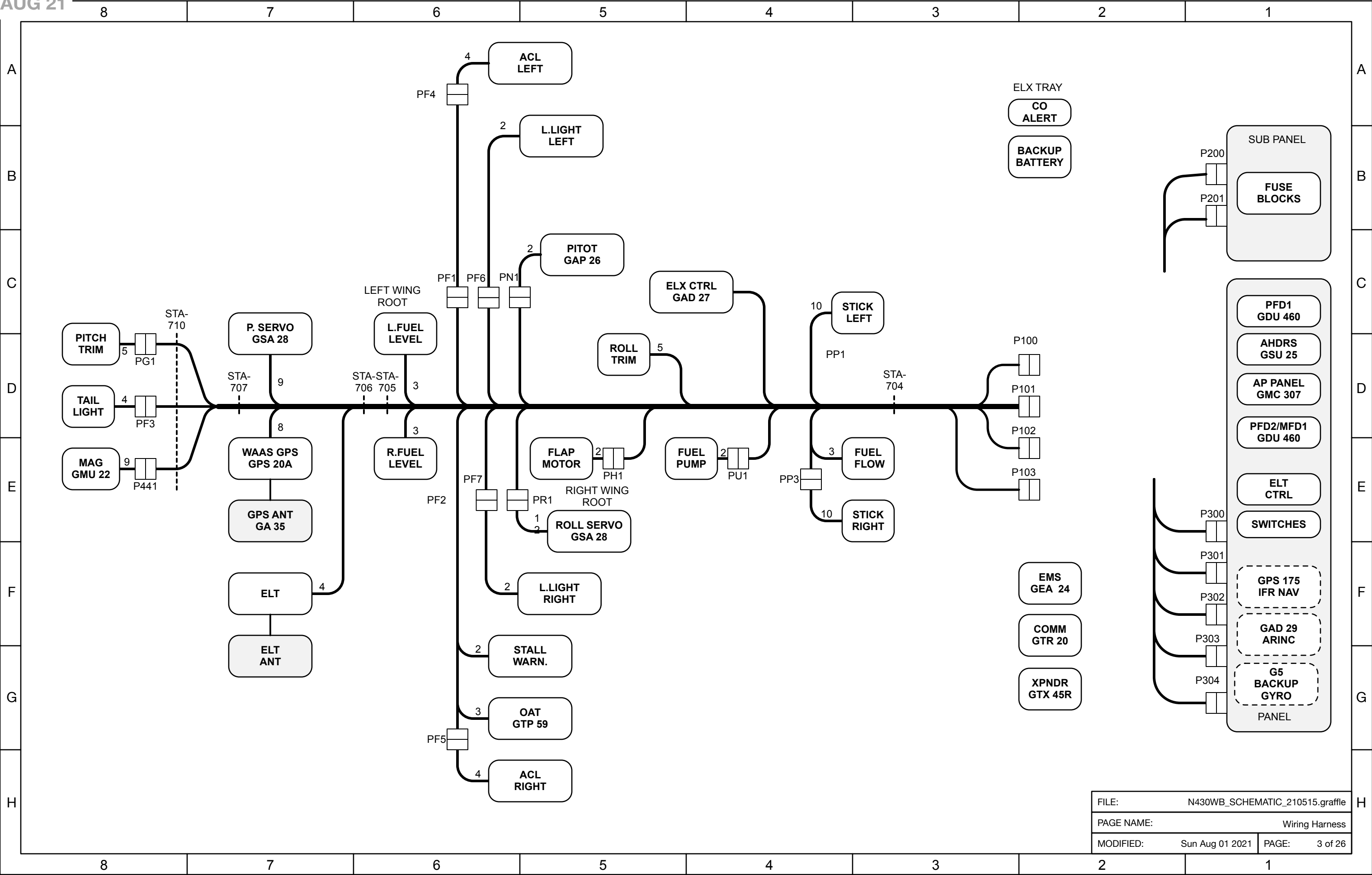
WIRE IDENTIFICATION.
WIRE ID/AWG (22 AWG IF NO INDICATION GIVEN)

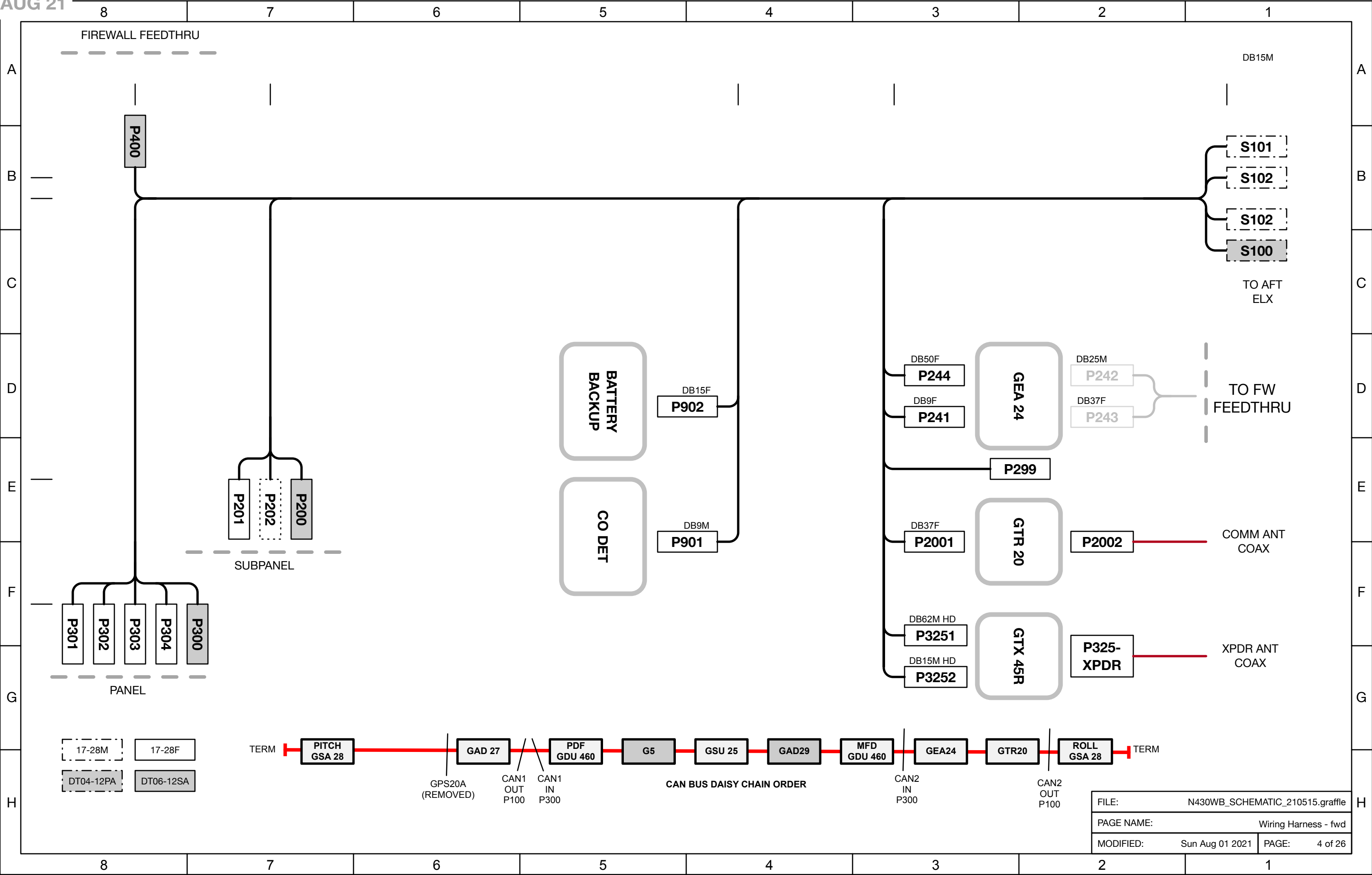
N430WB ELECTRICAL

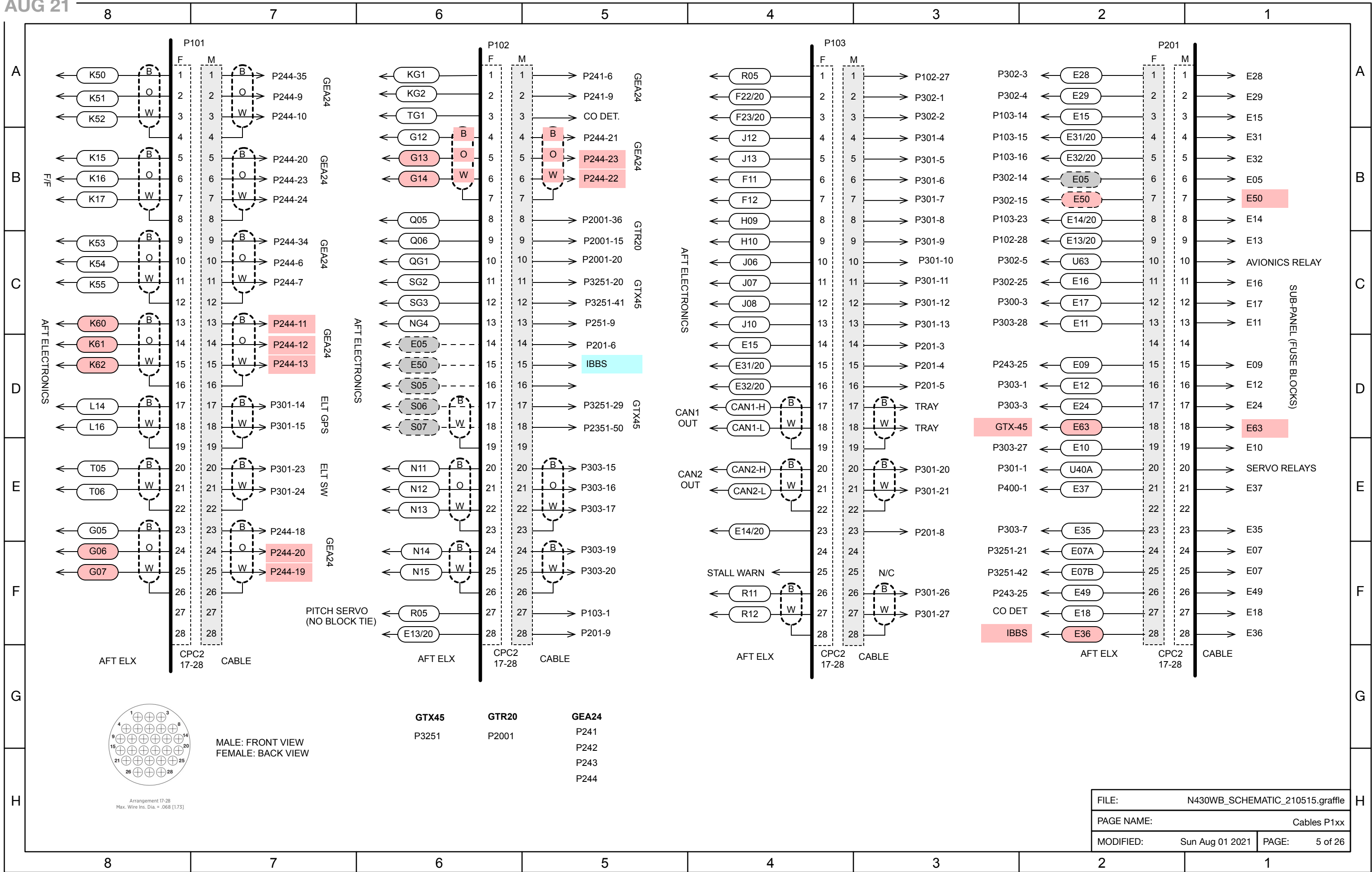
SIZE B	FSCM NO	DWG NO	REV
SCALE		NONE	REVISED
		2021-04-19	SHEET
		1 OF 24	

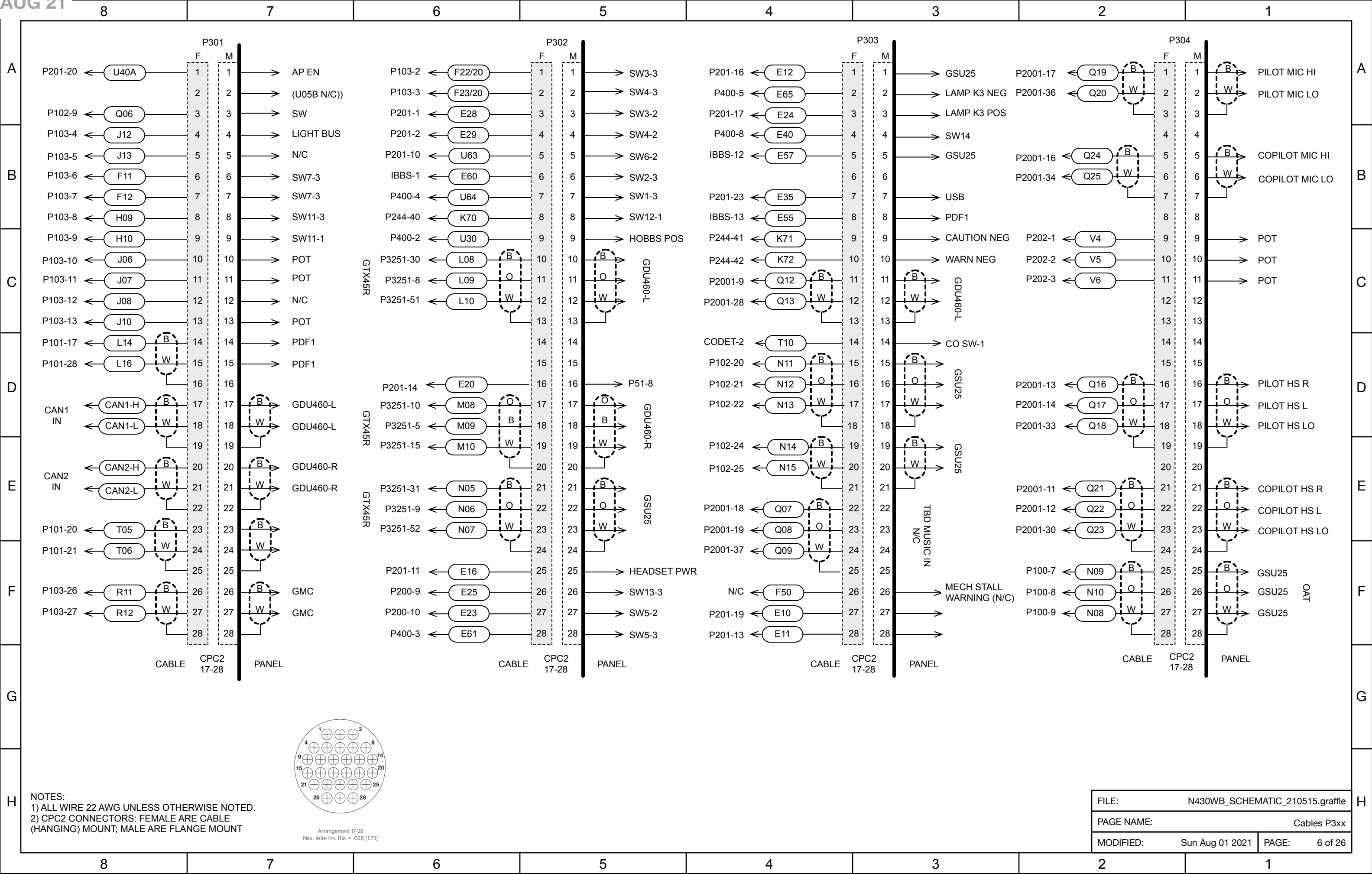
87654321

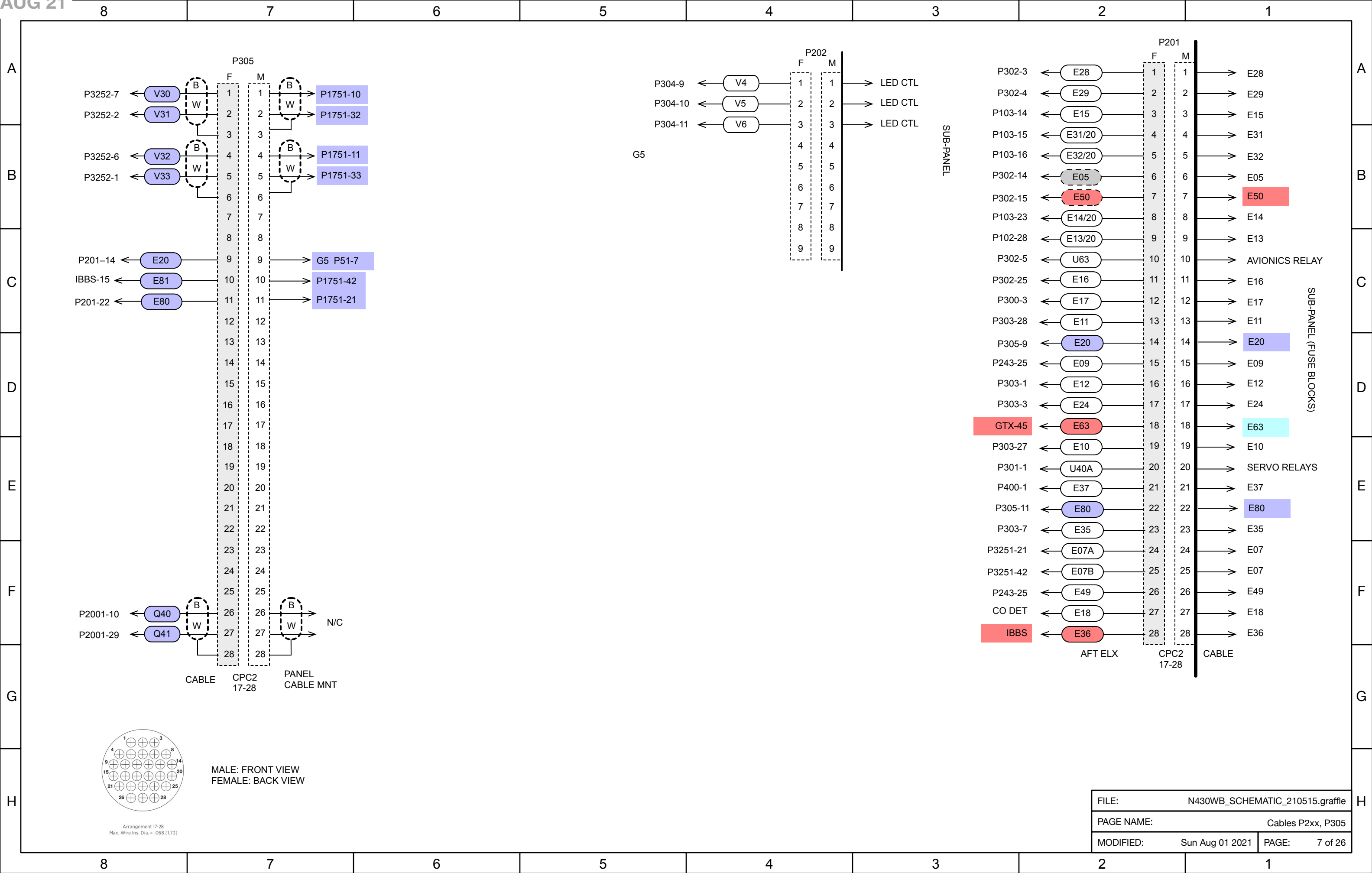


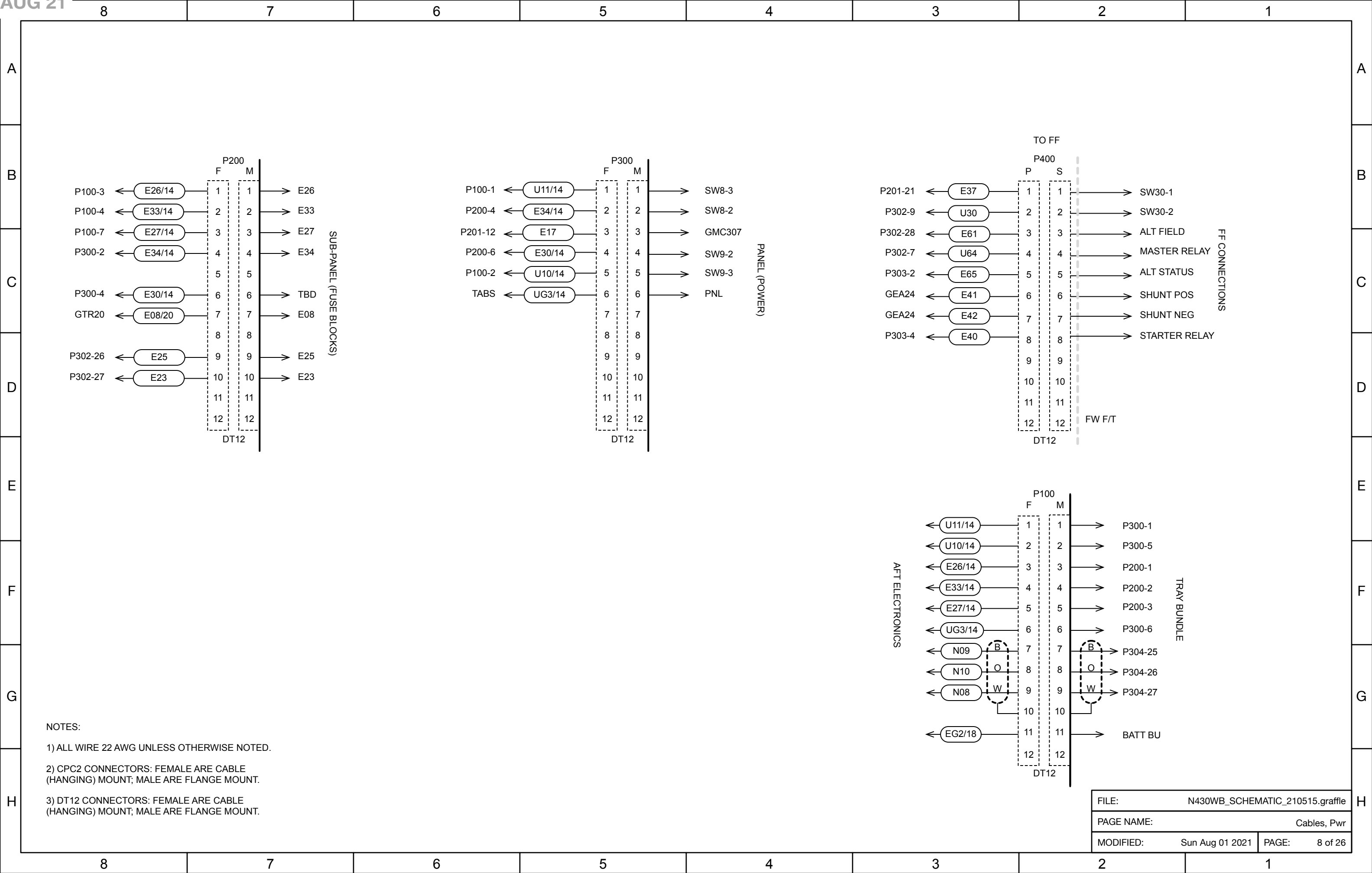


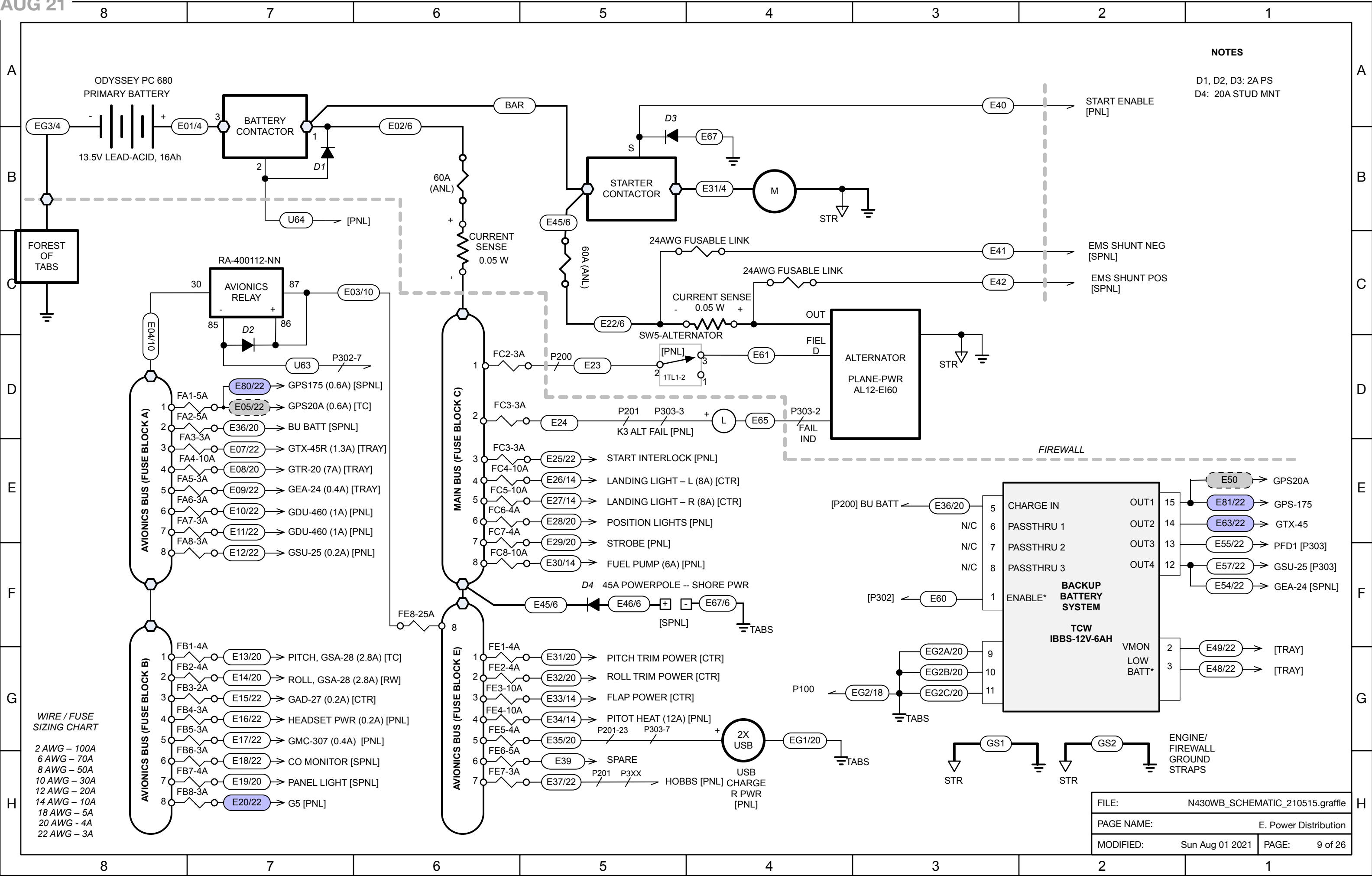


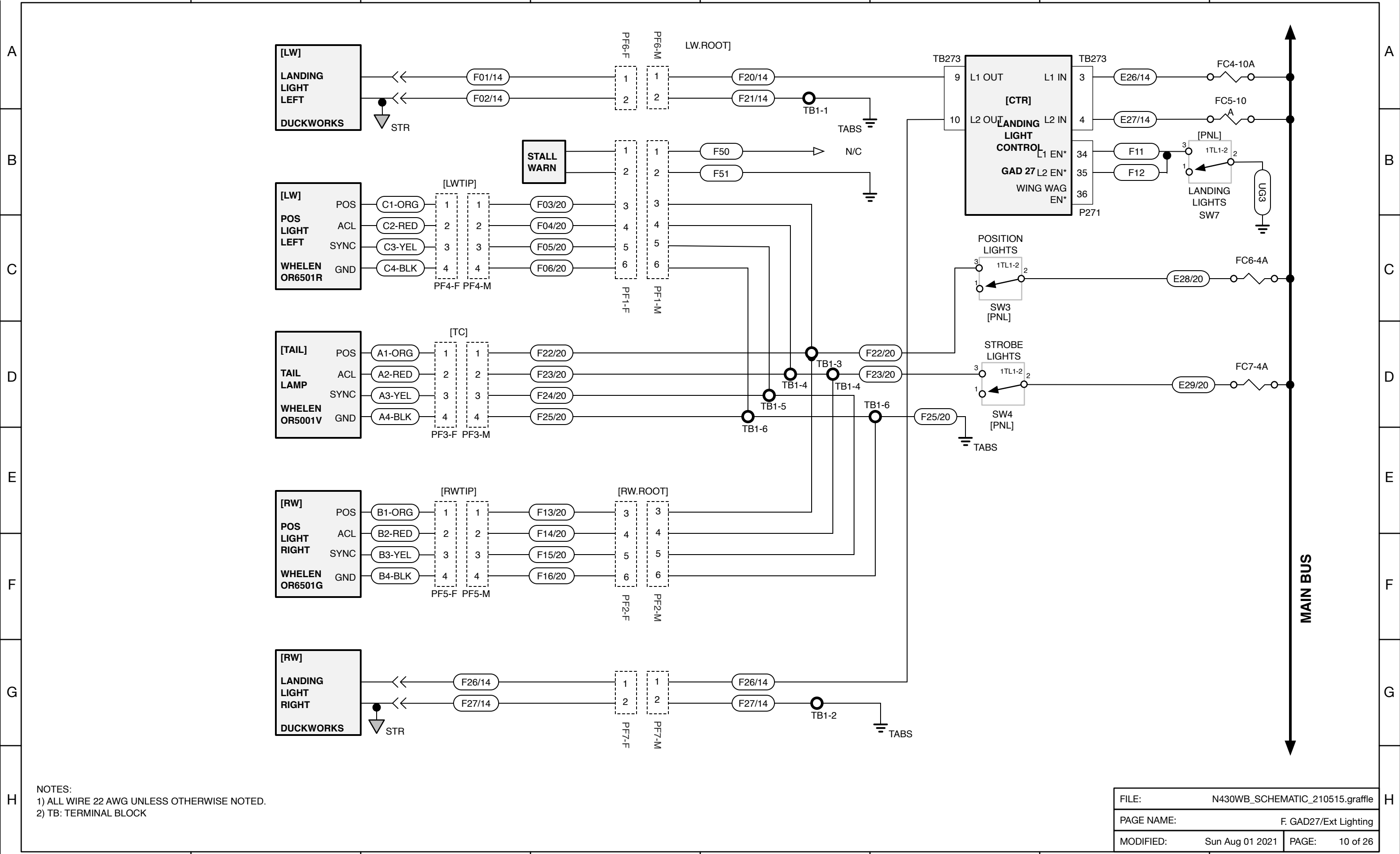






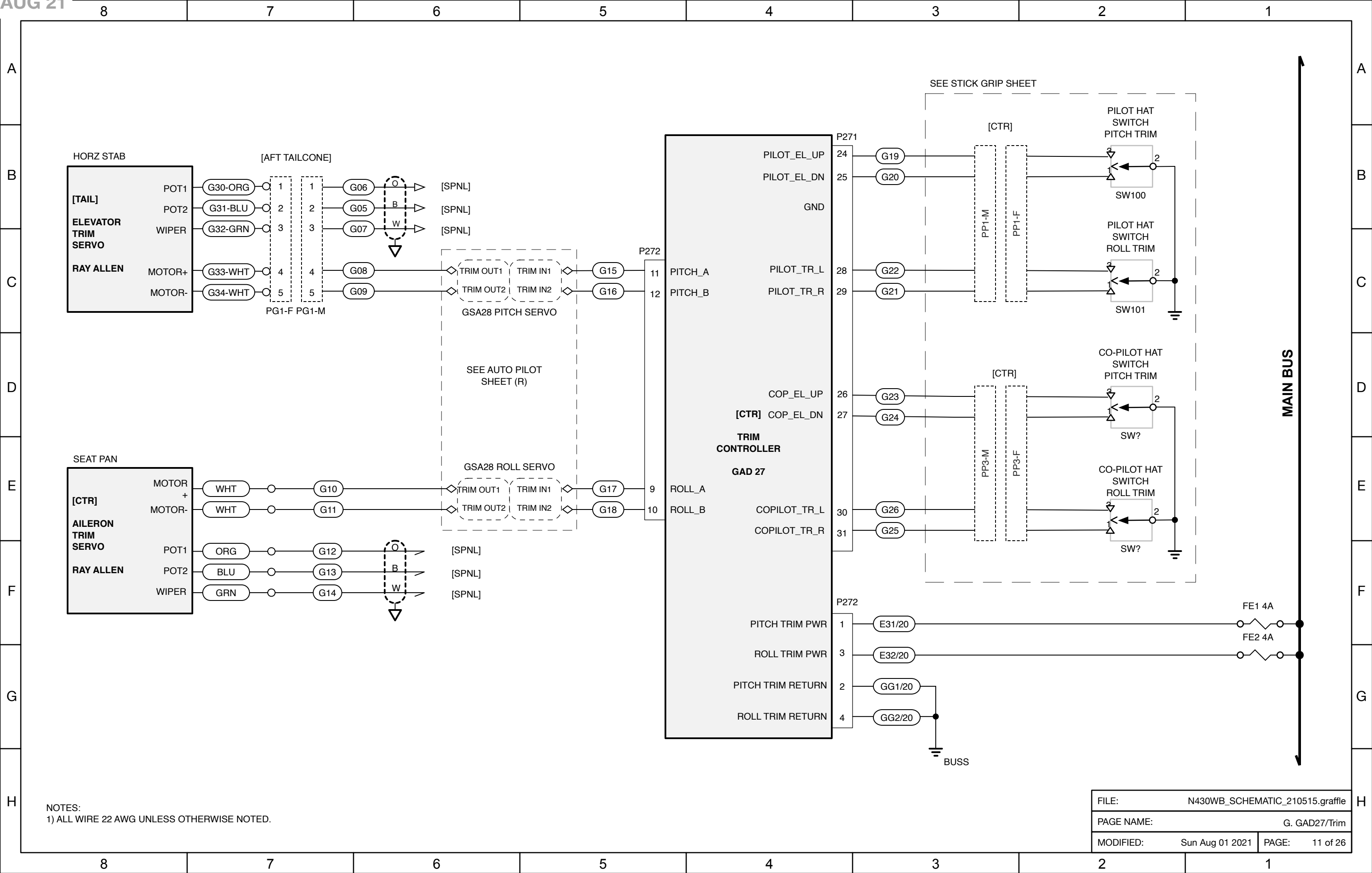


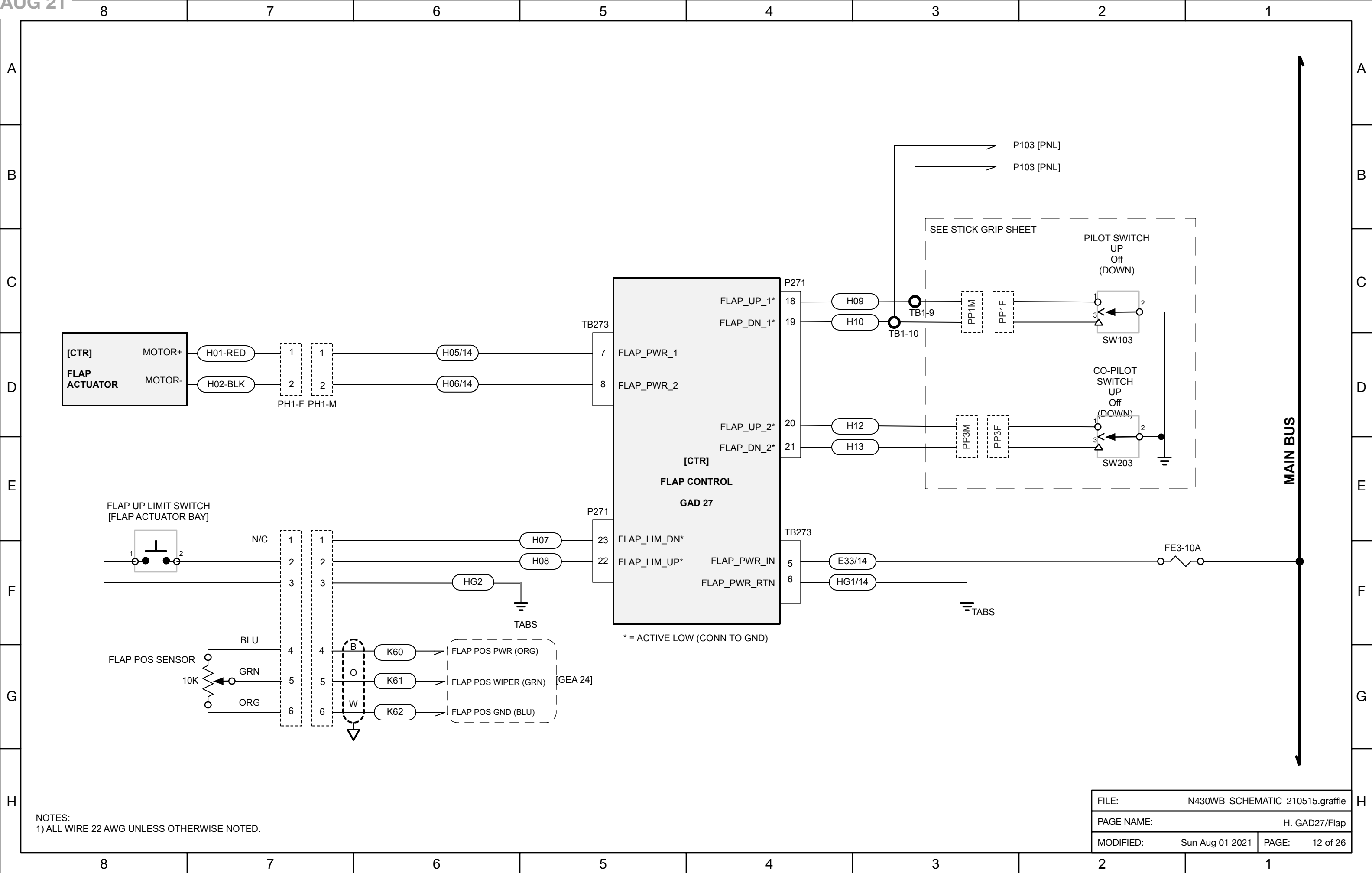




NOTES:
1) ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.
2) TB: TERMINAL BLOCK

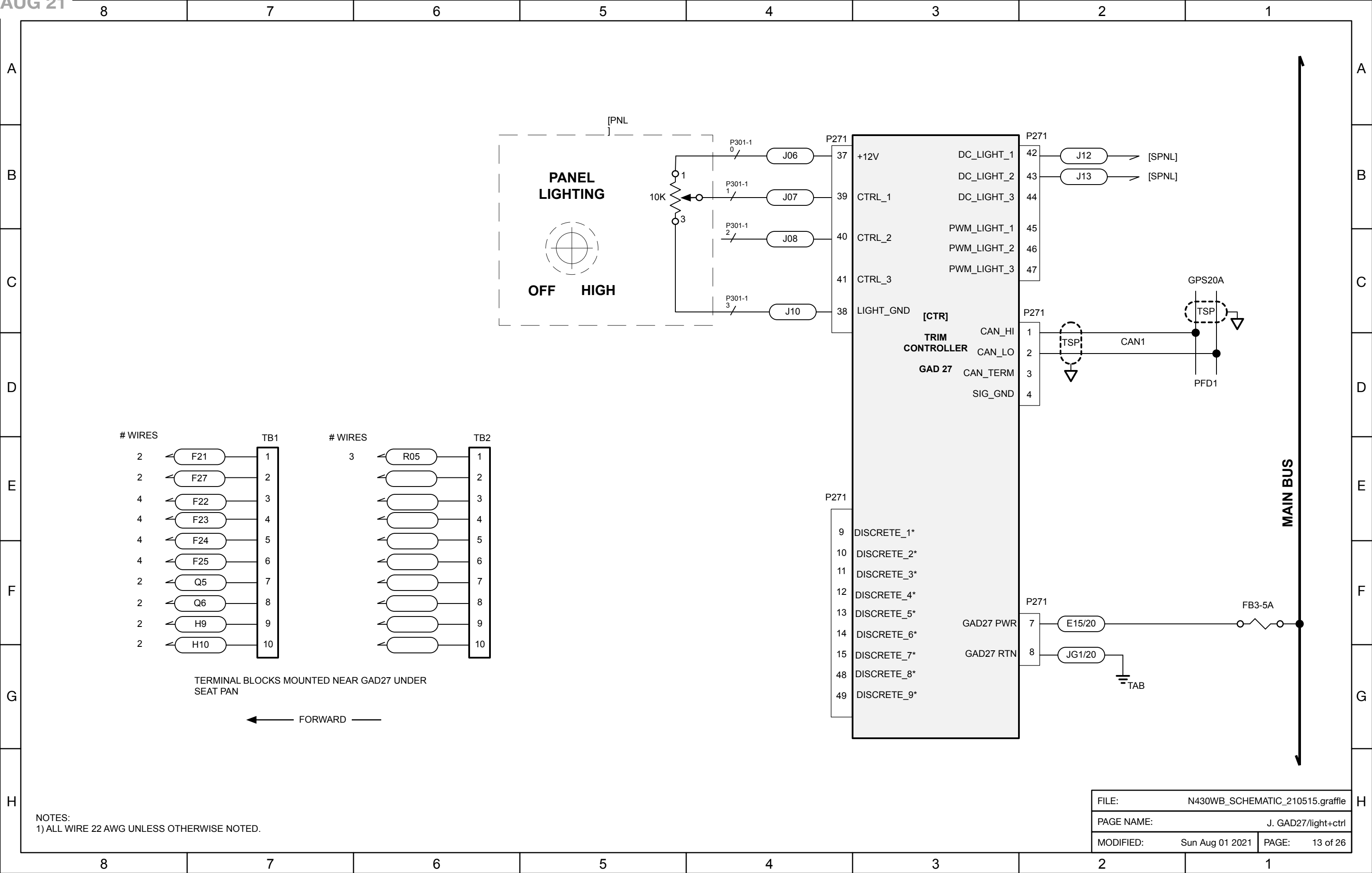
FILE:	N430WB_SCHEMATIC_210515.graffle		
PAGE NAME:	F. GAD27/Ext Lighting		
MODIFIED:	Sun Aug 01 2021	PAGE:	10 of 26

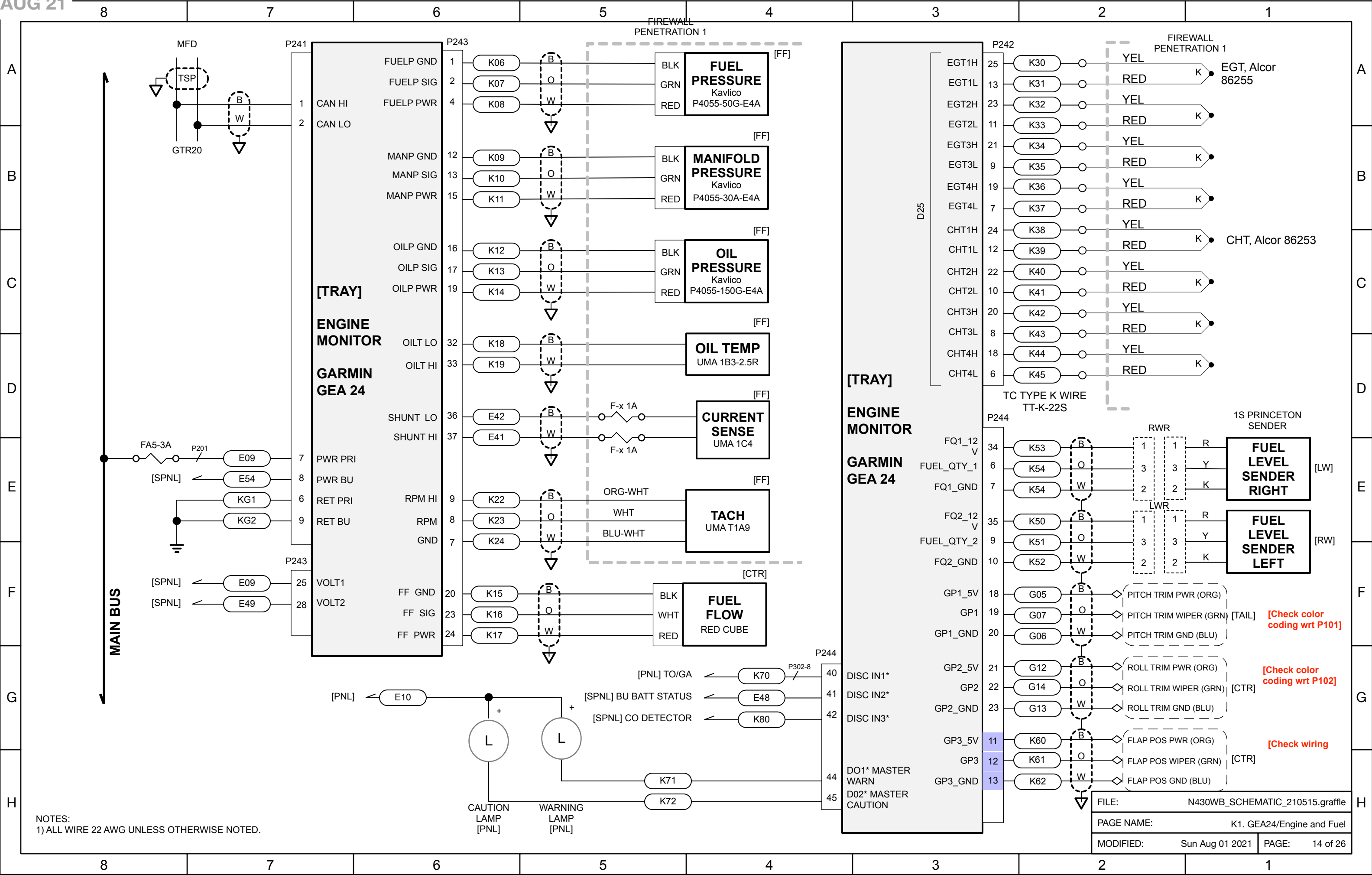




NOTES:
1) ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.

FILE:	N430WB_SCHEMATIC_210515.graffle		
PAGE NAME:	H. GAD27/Flap		
MODIFIED:	Sun Aug 01 2021	PAGE:	12 of 26





A

B

C

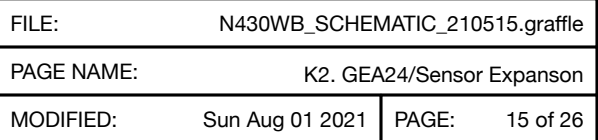
D

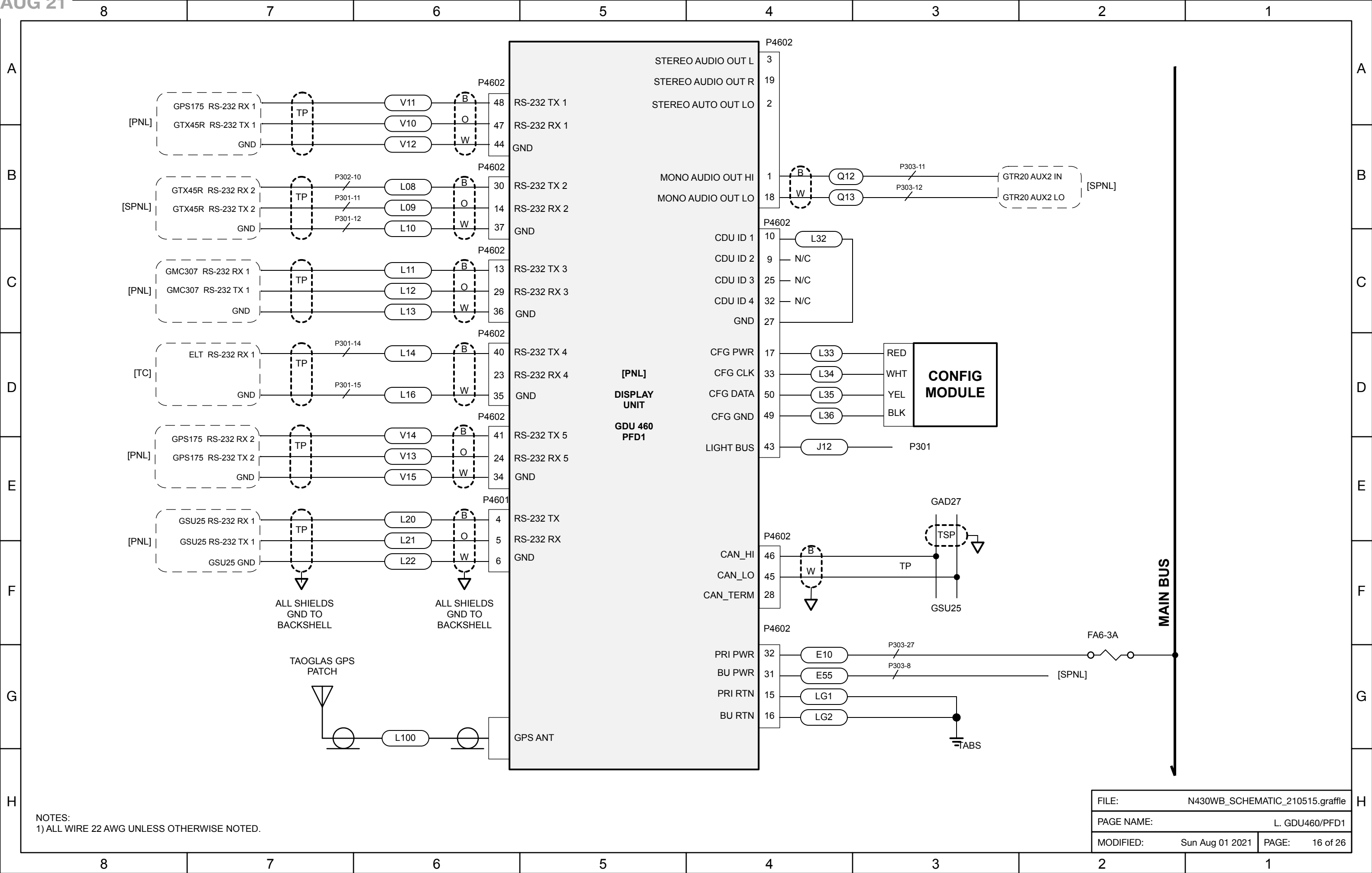
E

F

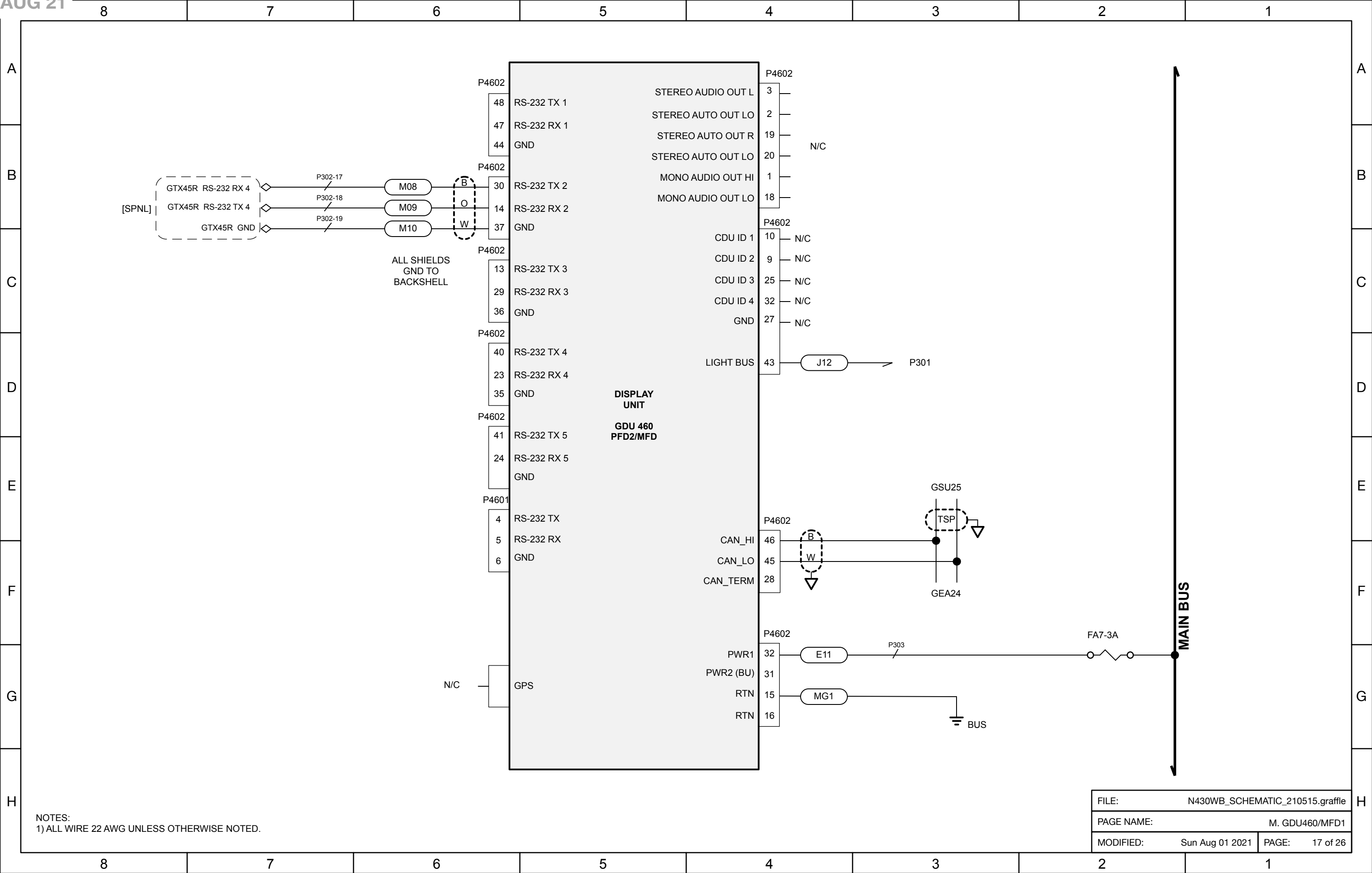
G

H

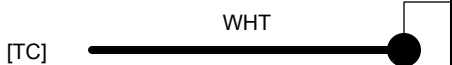
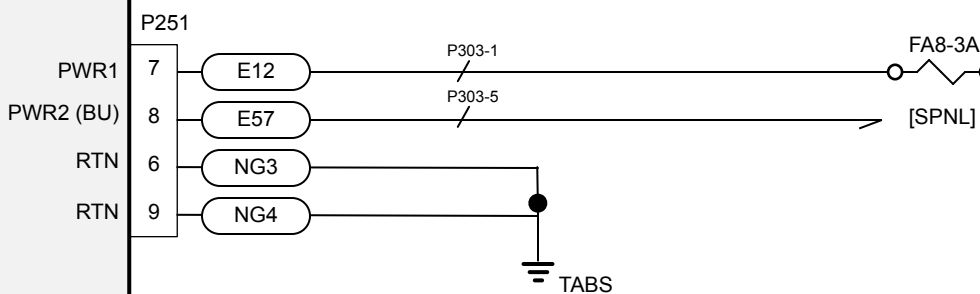




NOTES:
1) ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.

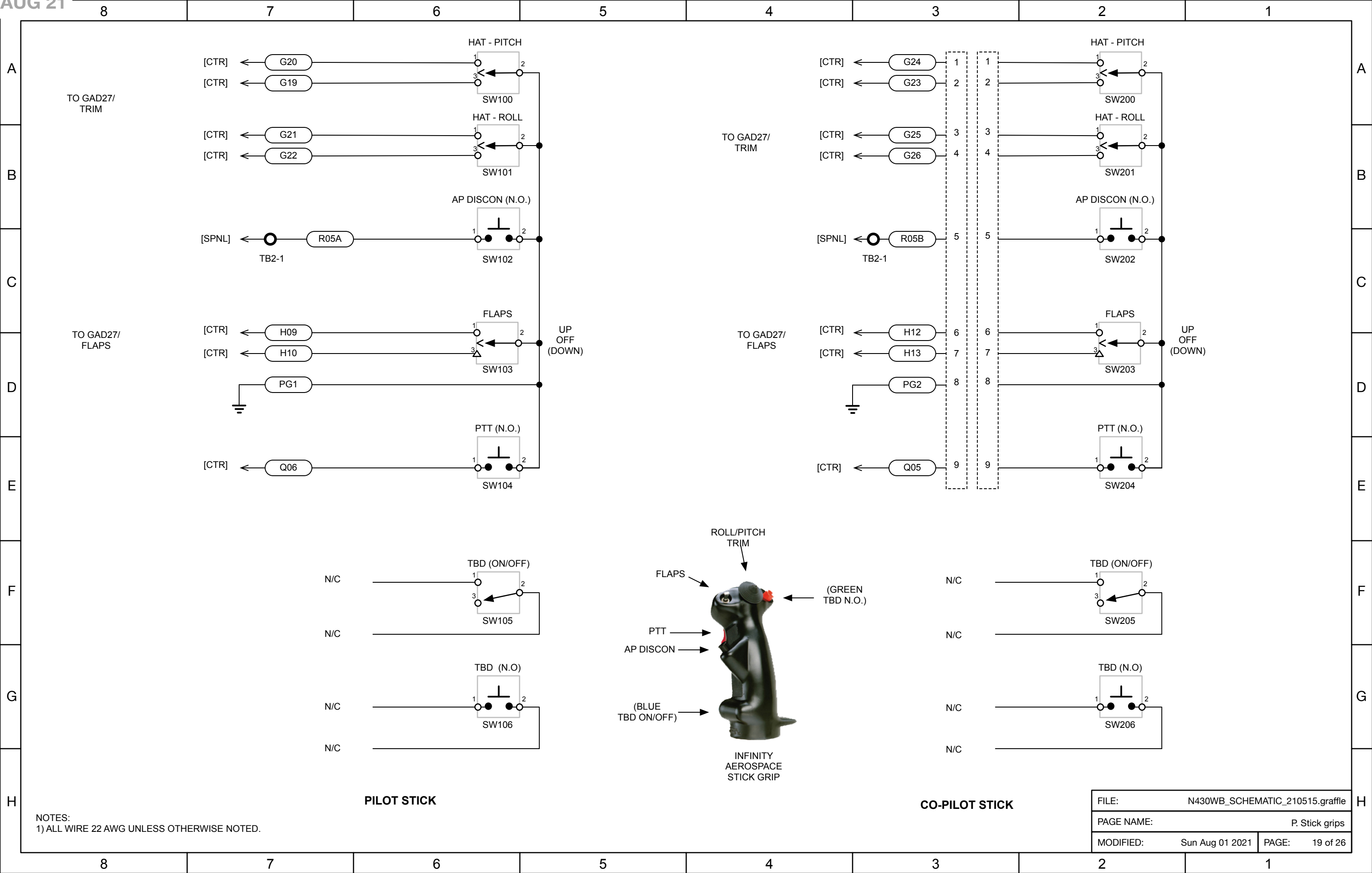


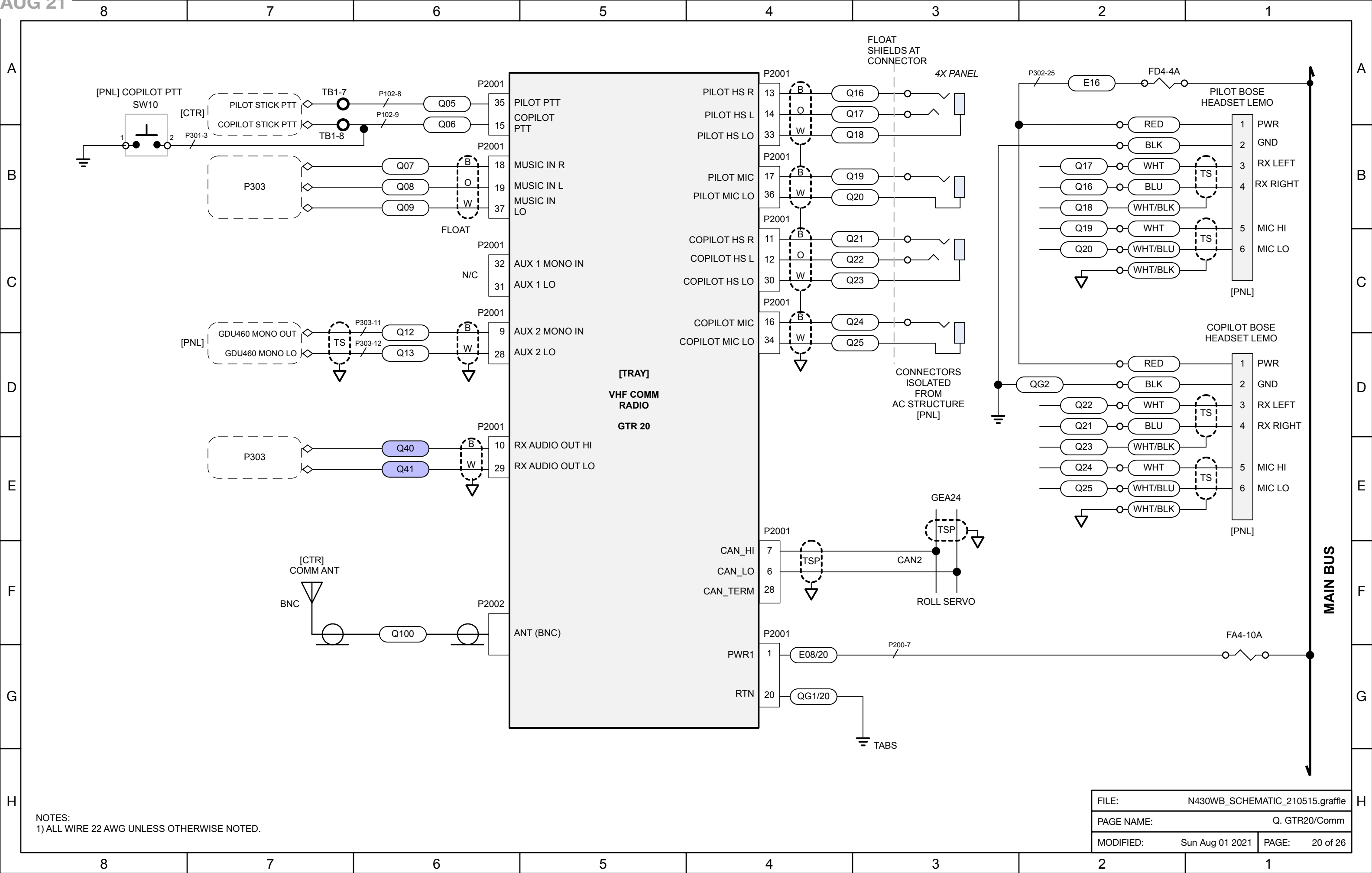
NOTES:
1) ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.

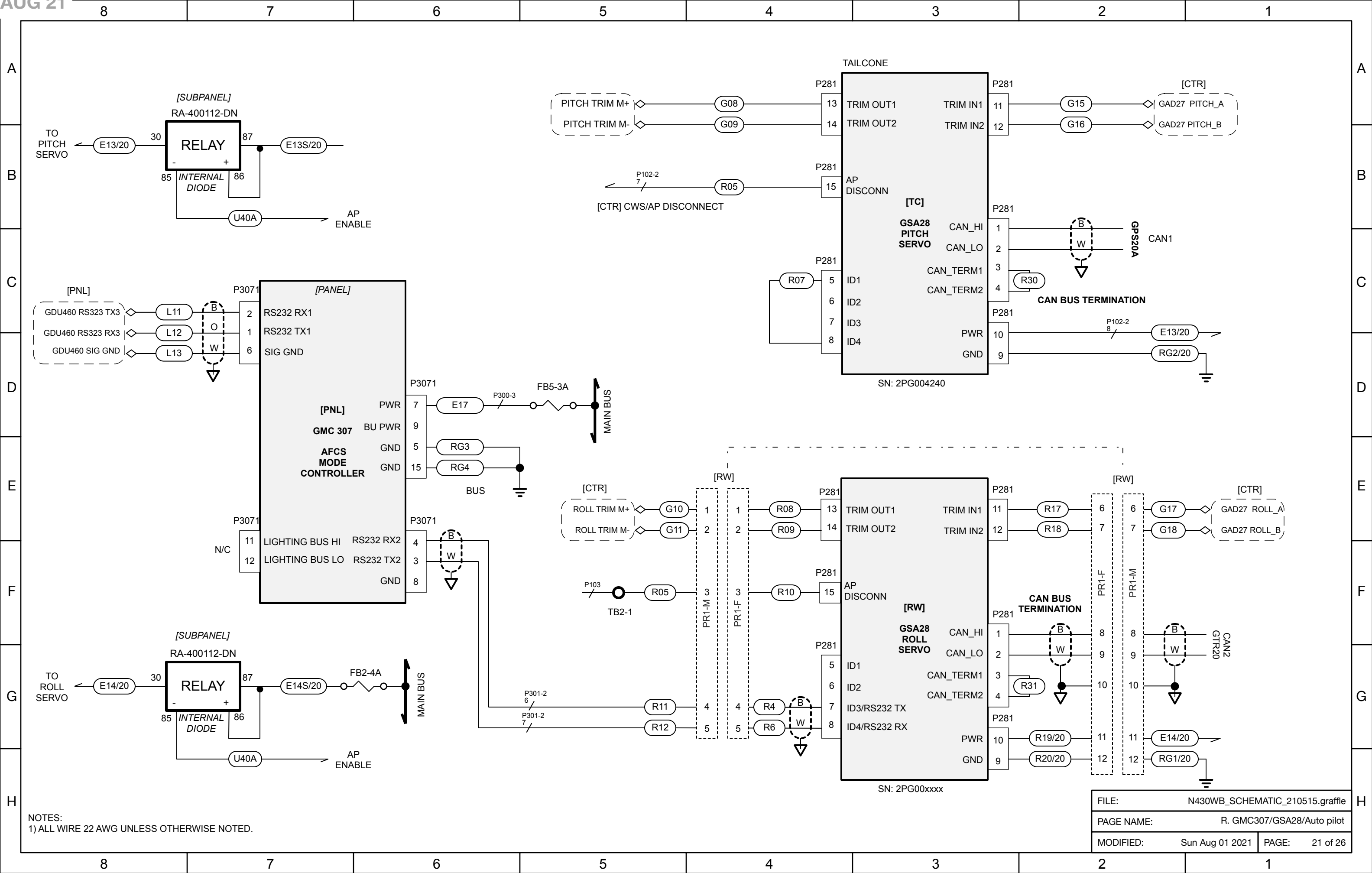


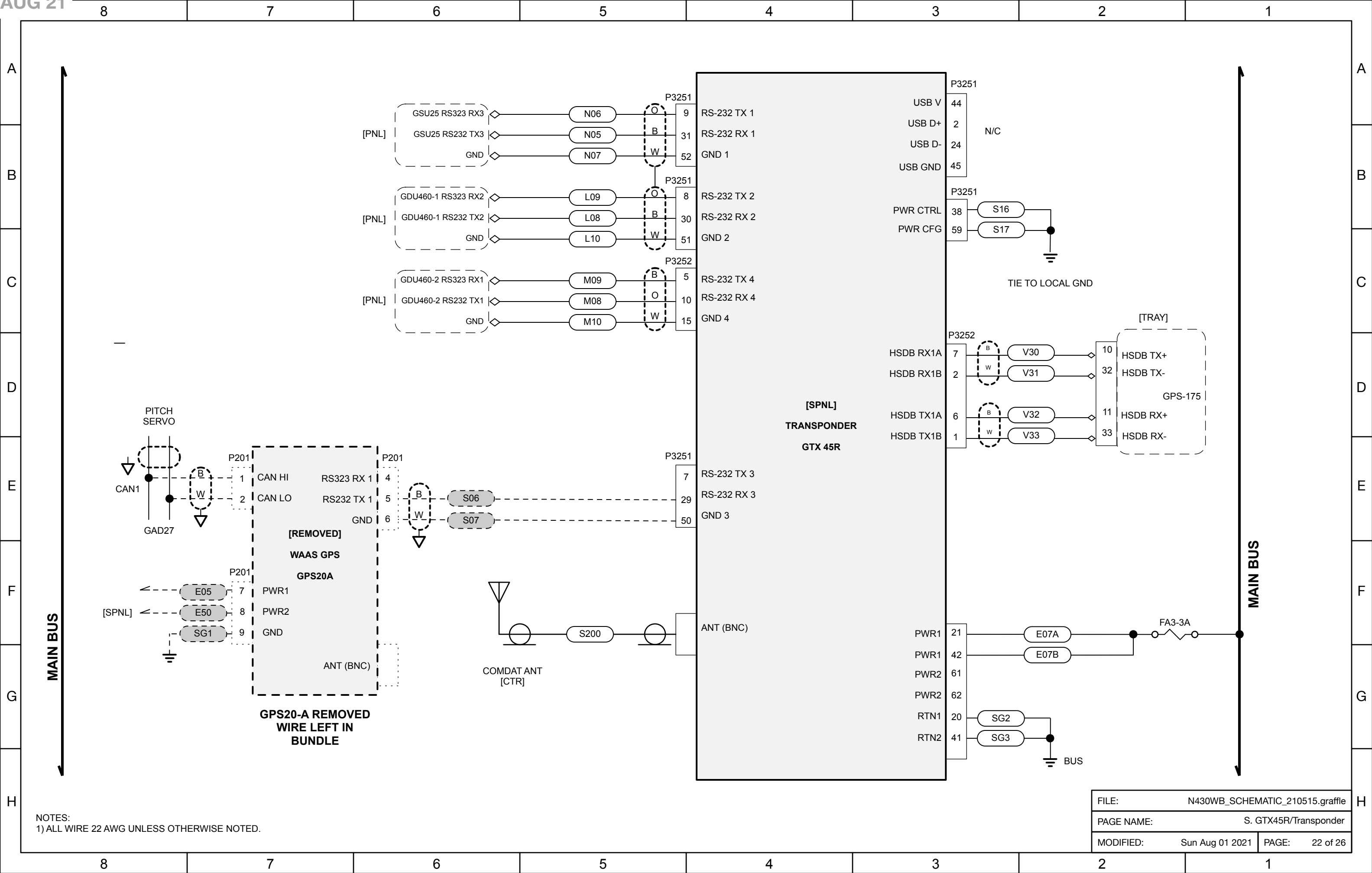
MAIN BUS

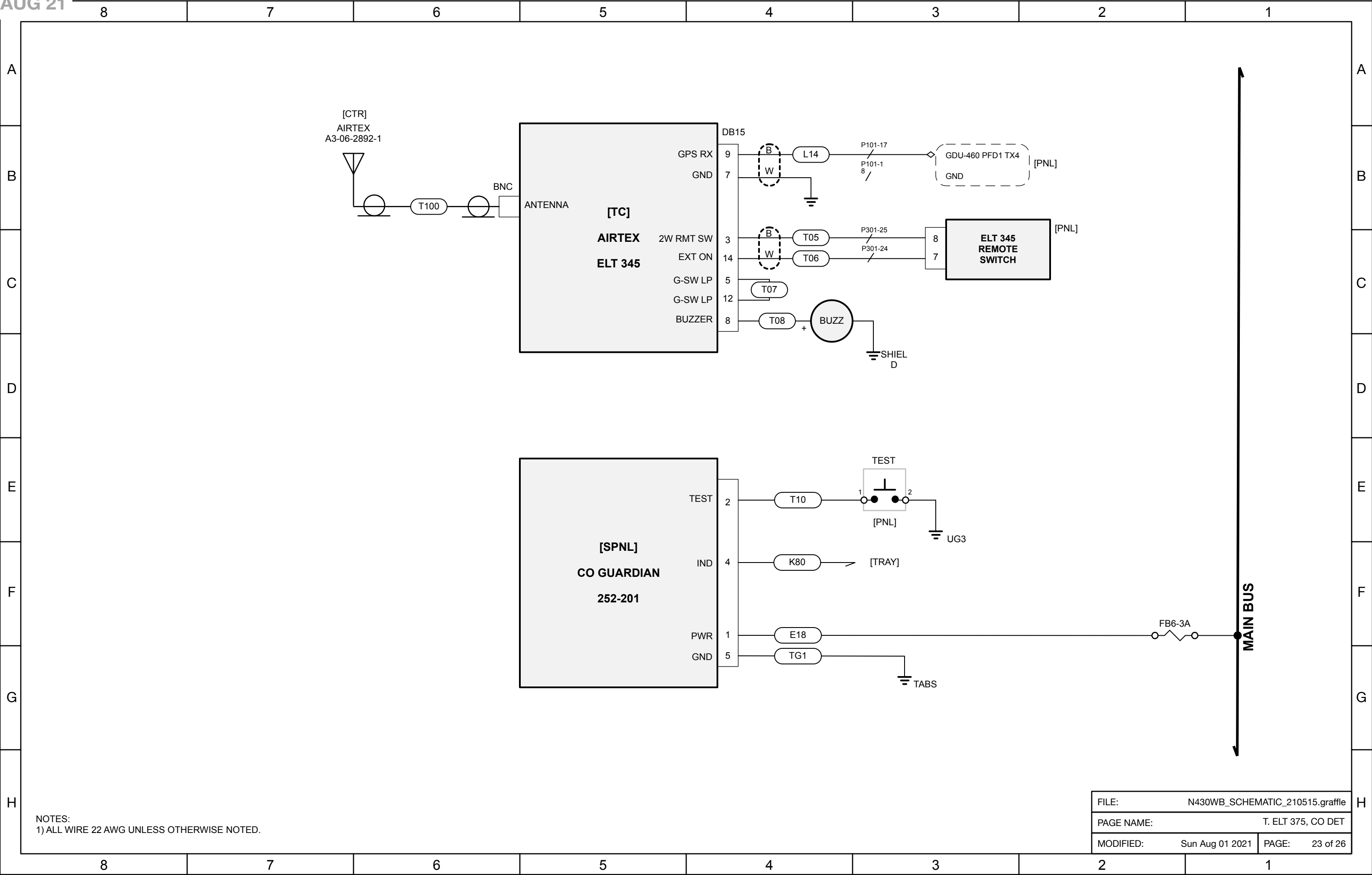
FILE:	N430WB_SCHEMATIC_210515.graffle		
PAGE NAME:	N. GSU25/AHADRS		
MODIFIED:	Sun Aug 01 2021	PAGE:	18 of 26





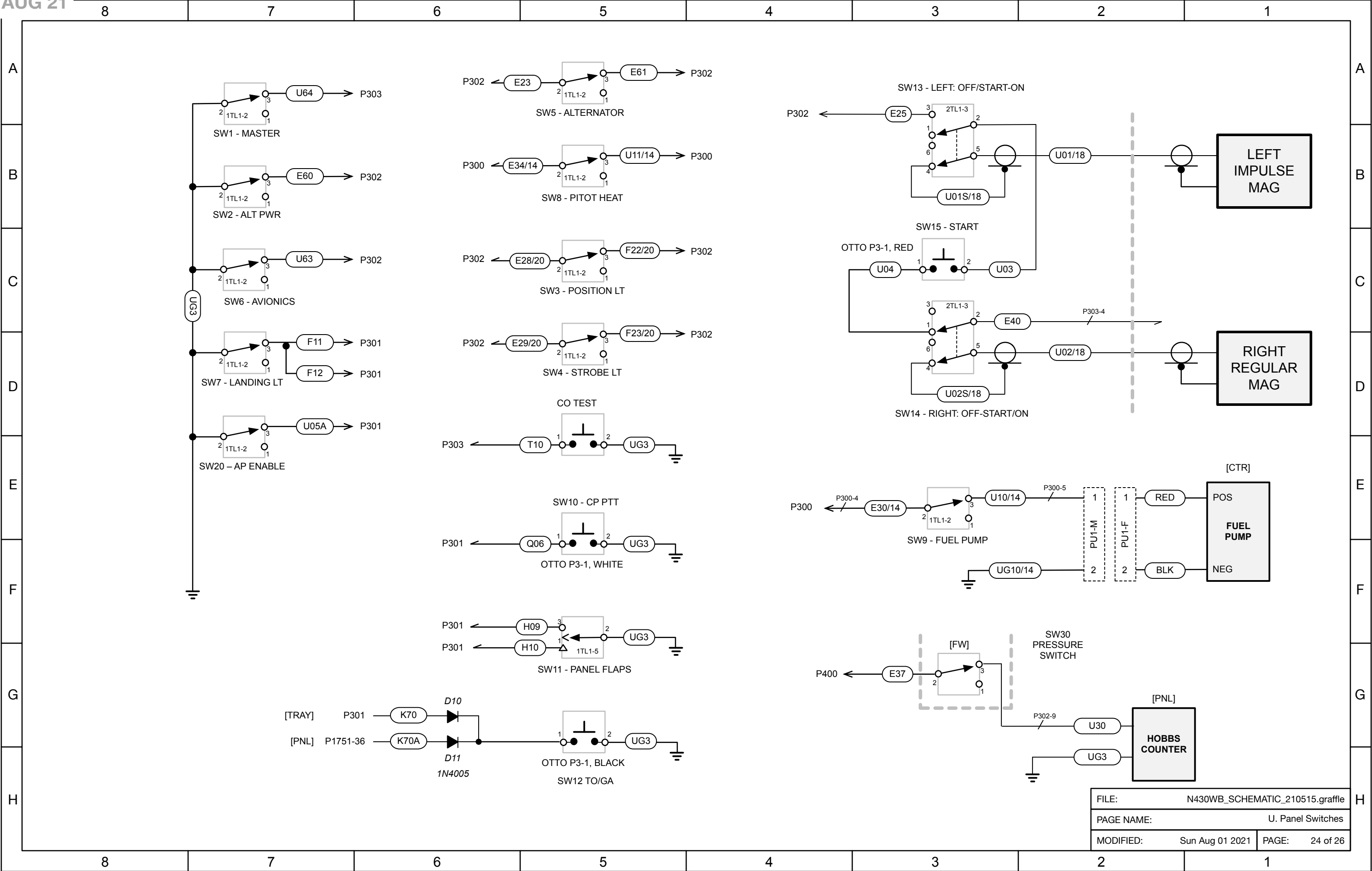


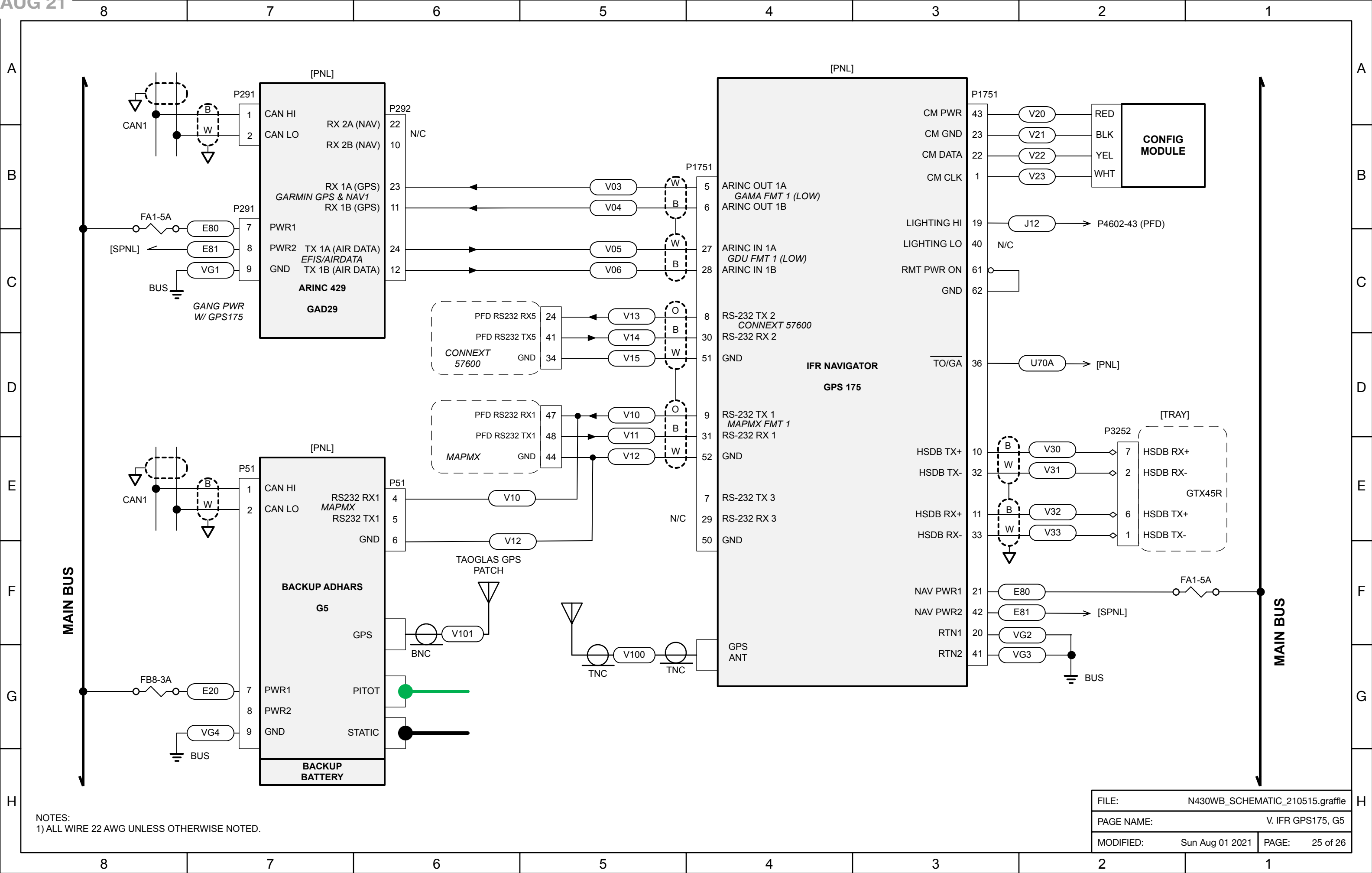




NOTES:
1) ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.

FILE:	N430WB_SCHEMATIC_210515.graffle		
PAGE NAME:	T. ELT 375, CO DET		
MODIFIED:	Sun Aug 01 2021	PAGE:	23 of 26





NOTES:
1) ALL WIRE 22 AWG UNLESS OTHERWISE NOTED.

FILE:	N430WB_SCHEMATIC_210515.graffle		
PAGE NAME:	V. IFR GPS175, G5		
MODIFIED:	Sun Aug 01 2021	PAGE:	25 of 26

