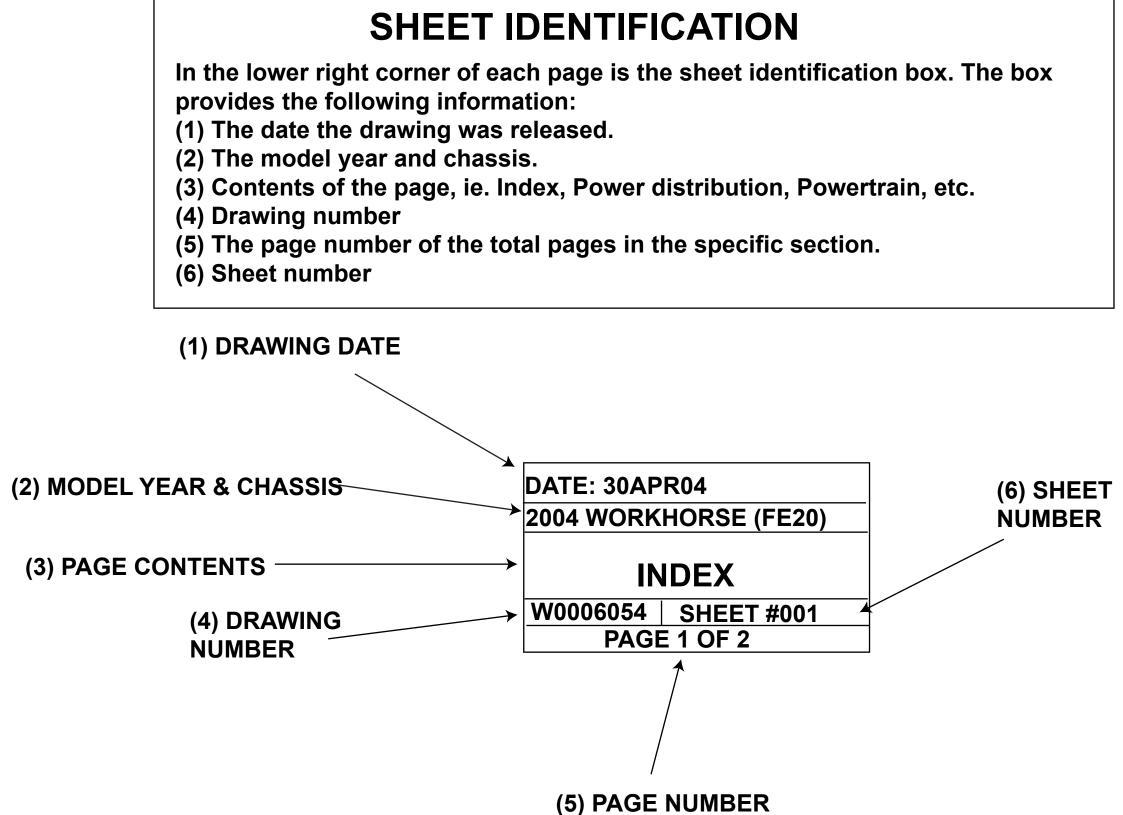
2005 ELECTRICAL SCHEMATICS P32/L18 Chassis

NAVIGATING THE SCHEMATICS

The format of the 2004 Electrical Schematics have changed from previous versions. This new style is easy to use and easy to read.

To find a schematic. First go to the Index page for the vehicle being serviced. Next, scan down the Sheet Name Column to the section for the chassis area desired. Move across the page to the right noting the Page Number of the Sheet Contents. **Refer to the "Sheet Identification" instructions below** for further information.



When a circuit continues on a elsewhere on the same page or on a different page, navigation boxes are used to guide you to the proper point. The Navigation Box contains: (1) Specific information as to the path of the circuit. (2) The sheet & page number the circuit continues on. (3) Coordinates to help you locate the continuation of the circuit. Use the coordinates like those on a road map to zero in on the proper point. In the example below, first refer to Sheet 20 - Page 7. Then go across the top or bottom of the page until you reach Row 4. Finally go down the page to Row D to locate the circuit continuation.

(1) CIRCUIT INFORMATION FROM NSBU ("FROM" and "TO") SW TO (2) SHEET NUMBER STRTR RLY **SHEET_20_7** (3) CROSS REFERENCE INFORMATION ZONE 4-D 🖌

					INDE)	X			
EET SH	HEET NAME	PAGE NUMBER					SYSTEM/SUBSYS	STEM DESCRIPTION	
1 INDEX		1	INDEX, OPTIONS						
9 VEHICLE ZONING		2		FORMATION,NOTES					
0 POWER DISTRIBUTIO	DN	1		GING / HOT AT ALL TIME	DISTRIBUTIONS				
		2		H / HOT IN RUN / HOT I	N RUN AND ACCESSOR	Y DISTRIBUTI	ONS		
		3		E DISTRIBUTIONS CRANK DISTRIBUTIONS					
		5		LAMP SWITCH ON DISTRIB	BUTIONS				
.1 FUSE BLOCK		1	ENGINE UNDERHO						
.3 I/P EXTN CONVENIE	ENCE CENTER	2	I/P EXTN FUSE						
.4 GROUND DISTRIBUT		1	VEHICLE GROUND						
		2		GIC GROUND/AUTO APPLY					
		3		ROUND / ENG HARNESS ABS IARNESS GROUND / CHAS H		ESS GROUND /	I/P EXIN CHAS HA	ARINESS GROUND	
20 POWERTRAIN		1	VB SEQ MF1 GAS	; W/AUTO TRANS M74 / PO		ODULE			
		2	POWERTRAIN CON						
		4	POWER CONTROL	MODULE WITH TRANSMISSI	UN INTERFASE				
		5	POWERTRAIN CON						
	- 4 K I	6		ION CONTROL MODULE					
31 AUXILIARY BOOST F 34 CRUISE CONTROL	AN	1	CRUISE CONTROL	LAY / FAN MOTOR / SECO . Switch	INDARY HIGH PRESSUR	E SWITCH			
35 FUEL DELIVER AND	EVAP EMISSIONS	1		NDER / PURGE / EVAP SY	STEM				
HORN	/otel	1		ORN SWITCH / DUAL HORN					
11 ANTILOCK BRAKE S	(SIEM	2		/ ABS MODULE / STOP LA DE NETWORK / PARK BRK		CONNECTOR			
		3		OULE / PUMP MOTOR / REL					
		4		LAY / PULL BUTTON SWIT					
50 DLC CONNECTOR 50 HVAC		1	ASSEMBLY LINE	DIAGNOSTIC LINK CONNEC NG WIRING	TUR				
BI CLUSTER		1	CLUSTER TELLTA						
		2	CLUSTER GAUGES						
91 WIPER/WASHER PULS 00 HEADLAMPS	je	1	WIPER/WASHER P	'ULSE CONTROL ? & Z49) HEADLAMPS WITH	I DRI CONTROL Z DUA	I RECT (8T2	& 7491 HEADLAMPS		
		2						GULAR(8D5 &Z49)WITH DRL	
		3						CT (8D5-Z49) HEADLAMPS W	VITHOUT DRL
10 EXTERIOR LIGHTING	7	2		/ITCH / MARKER LAMPS / ' Park lamps / Tail & S		PLATE LAMPS	1		
		3		CH / PARK NEUTRAL POSI		SWITCH / BA	CKUP LAMPS		
14 INTERIOR LIGHTING		1	DOME LAMPS						
17 INSTRUMENT PANEL 38 BRAKE TRANSMISSIO	DIMMING DN SHIFT INTERLOCK (BTSI			IEL DIMMER SWITCH .UMN LOCK SOLENOID					
02 ENG HARNESS CONNE		1		2/C006/C017/C085					
		2		3/C030/C036/C050/C056/C					
03 I/P HARNESS CONNE	TOR FACES	3		5/C061/C062/C066/C067/C 2/C205/C207/C208/C210/C			080/0083/0103/010	05/0107/0109/0110/0113/0	C115/C118/C121/C136/C
		2		5/C047/C048/C120/C126/C					
04 I/P EXTN HARNESS	CONNECTOR FACES	1		3/C249/C250/C251/C252/C	253/C254/C261/C264	/C265/C725			
05 CHAS HARNESS CON		2	C255/C257/C258 C400/C402/C403						
	S CONNECTOR FACES	1	C250/C272/C274						
	ARNESS CONNECTOR FACES	1		3/C304/C305/C306/C307/C	308/C309/C310/C311	/0312/0313/0	314/0315		
		2		2/C503/C504/C505/C506/C					
209 ABS HARNESS CONNE 210 DRIVE AWAY WIRING				2/C703/C704/C705/C706/C DRIVE AWAY HARNESS WIR					

OPTION KEY (REF) OPTION | DESCRIPTION 16,000 LB GVW C7P 8T2 DUAL RECTANGULAR HEADLAMPS CRUISE CONTROL K34 V8 SEQ MF1 GAS ENGINE L18 AUTOMATIC 5 SPEED ALLISON LCT 1000 M74 EUROPE WIRING PROVISIONS WX7 Z49 CANADIAN DRL DELETE 5K0 HIGH OUTPUT BATTERY 7Y8 SINGLE RECTANGULAR HEADLAMPS 8D5 DAY TIME RUNNING LAMPS 5K 1 RHQ HARNESS ASM TAIL & STOP

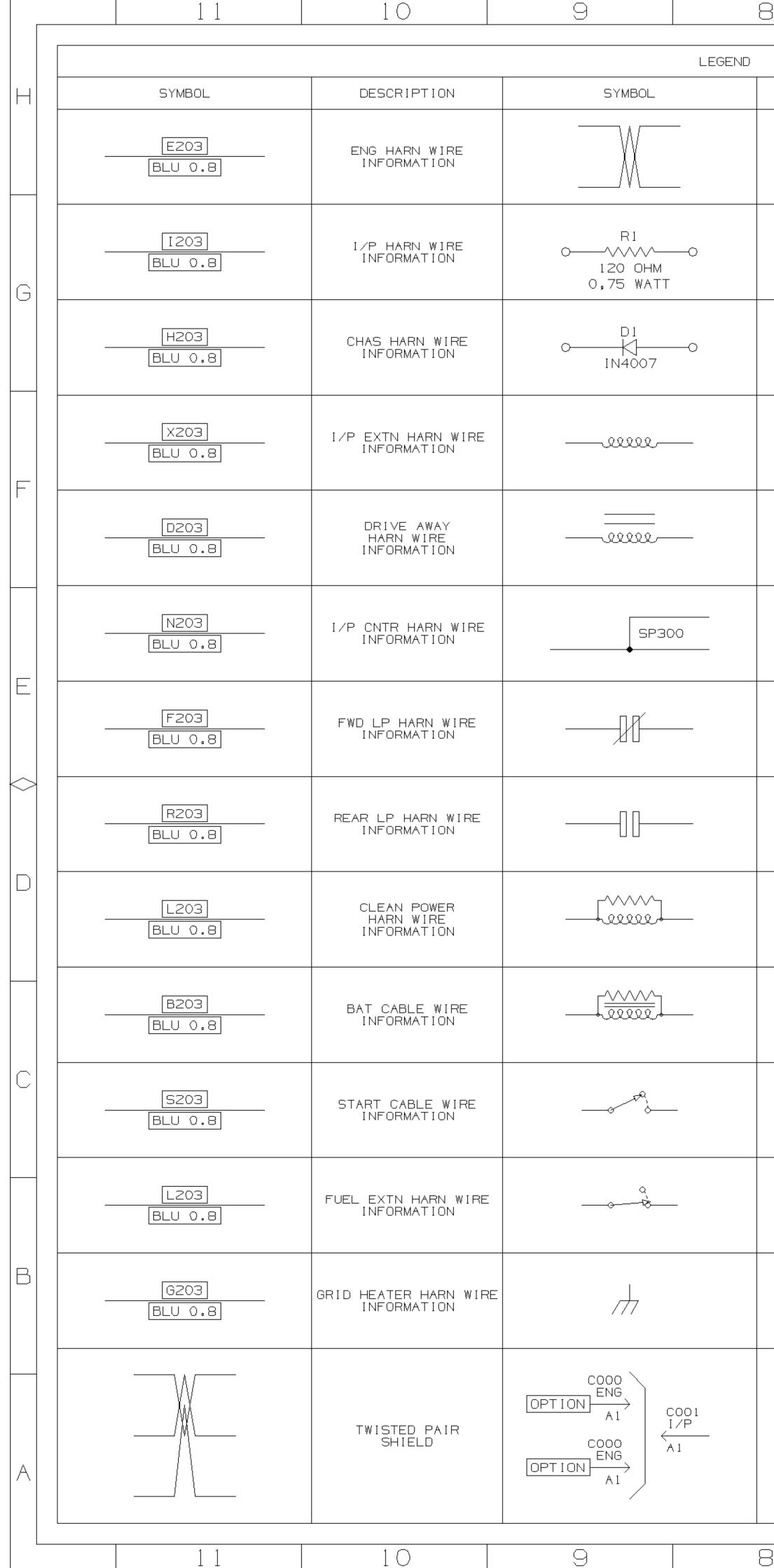
CHASSIS CUSTOM WORKHORSE

> 9 10 8 1 1

B

3	7 (\rangle 6	CJ	4	
	1	/			4

	3	2	1	
·		·		
			12AUG03	
			12AUG03 12AUG03	G
			12AUG03 12AUG03	
			12AUG03 12AUG03	F
			12AUG03 12AUG03	
			12AUG03 12AUG03 12AUG03	
			12AUG03 12AUG03	
			12AUG03 12AUG03	\bigcirc
			12AUG03 12AUG03	
			12AUG03 12AUG03	
/C180			12AUG03 12AUG03	
				B
			ATE : 07MAY04 Do5 Workhorse (P32L18)	
			INDEX	
			0006461 SHEET #001 PAGE 1 OF 2	
	3	2	1	



8	7 🔷 6	5	4
	· · · · · · · · · · · · · · · · · · ·		
DESCRIPTION	SYMBOL	DESCRIPTION	
TWISTED PAIR		FUSE BLOCK	
		BUSS	
	POWER TERM65		
RESISTOR		RING TERMINAL	
	₩6		
DIODE	ALWAYS HOT		
		FUSE	
	IGN A FUSE AA		
INDUCTOR			
COIL OR WINDING			
	INLINE		
	TO RH PAGE CON 👦	LH PAGE	
SOLENOID	SHEET_001_2	CONNECTION	
	ZONE 7-D		
WIRE SPLICE	I NL I NE To LH		
	© PAGE CON SHEET_001_2	RH PAGE CONNECTION	
	ZONE 6-E		
RELAY CONTACTS			
(NORMALLY CLOSED)	LH SIDE		
	MARKER LAMP X		
	2W	LIGHT	
RELAY CONTACTS			
(NORMALLY OPEN)	RED		
RELAY COIL			
WITH SUPRESSION	ENG COOL		
RESISTOR	│	MOTOR	
	FAN MOTOR X		
VALVE WITH			
SUPRESSION RESISTOR			
	BATTERY X		
		BATTERY	
NORMALLY OPEN	950 CCA		
SWITCH			
NORMALLY	57	VARIABLE	
CLOSED SWITCH		RESISTOR OR SENSOR	
	C000 C001 C000 C001		
CASE GROUND OR INTERNAL	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	INLINE	
GROUND	A1 A1 A1 A1	CONNECTOR	

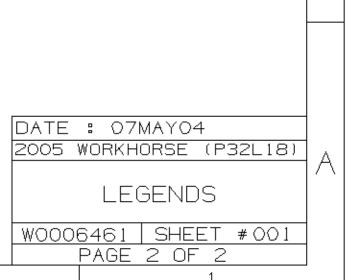
G

F

 \frown

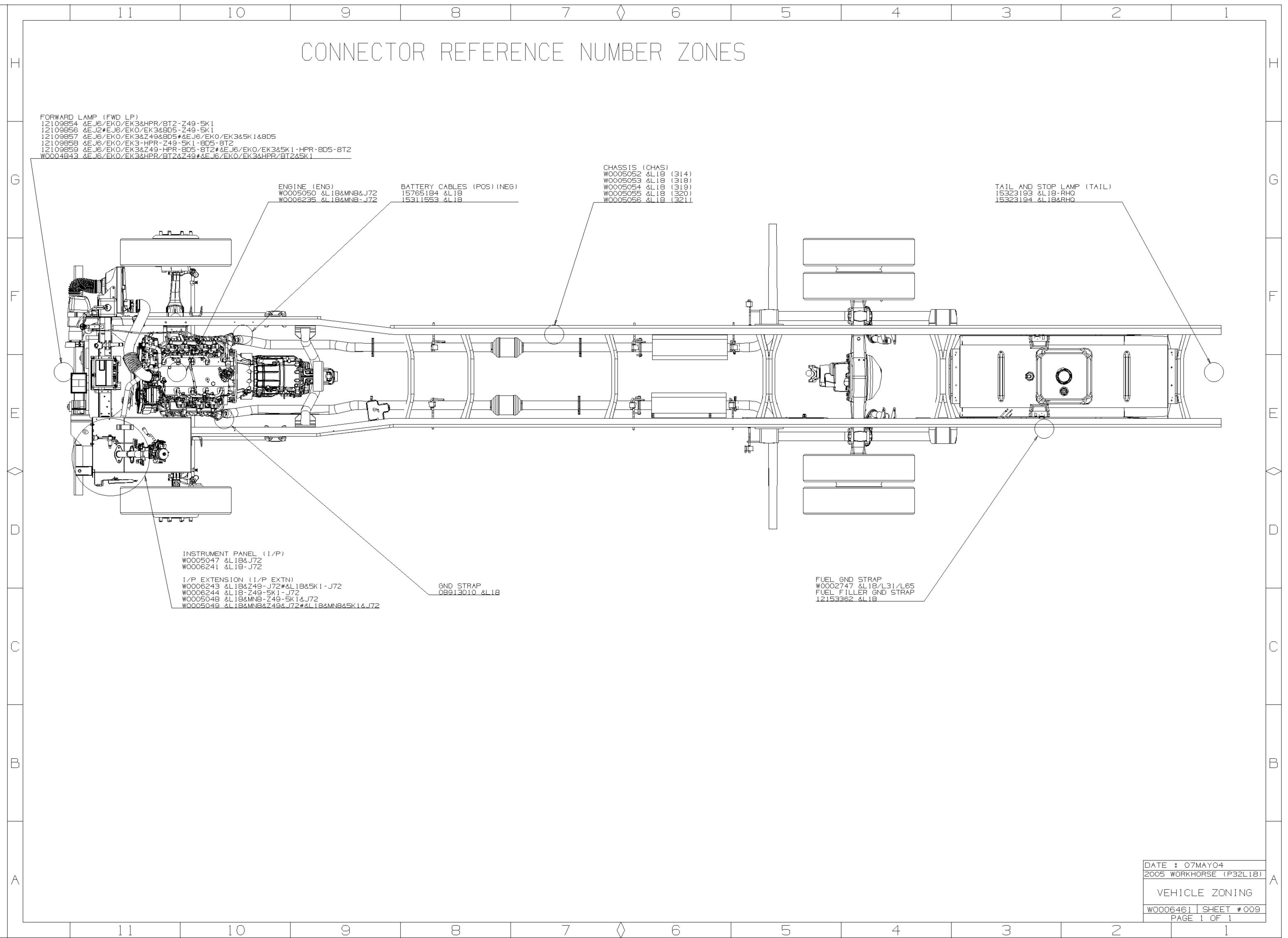
B

	NFORMATION 203 U 0.8
METRIC GAUGE	ENGLISH GAUGE
0.35	22
0.5	20
0.8	18
1.0	16
2.0	14
3.0	12
5.0	10
8.0	8
13.0	6
19.0	4
32.0	2
40.0	1
50.0	0
62.0	2/0
81.0	3/0



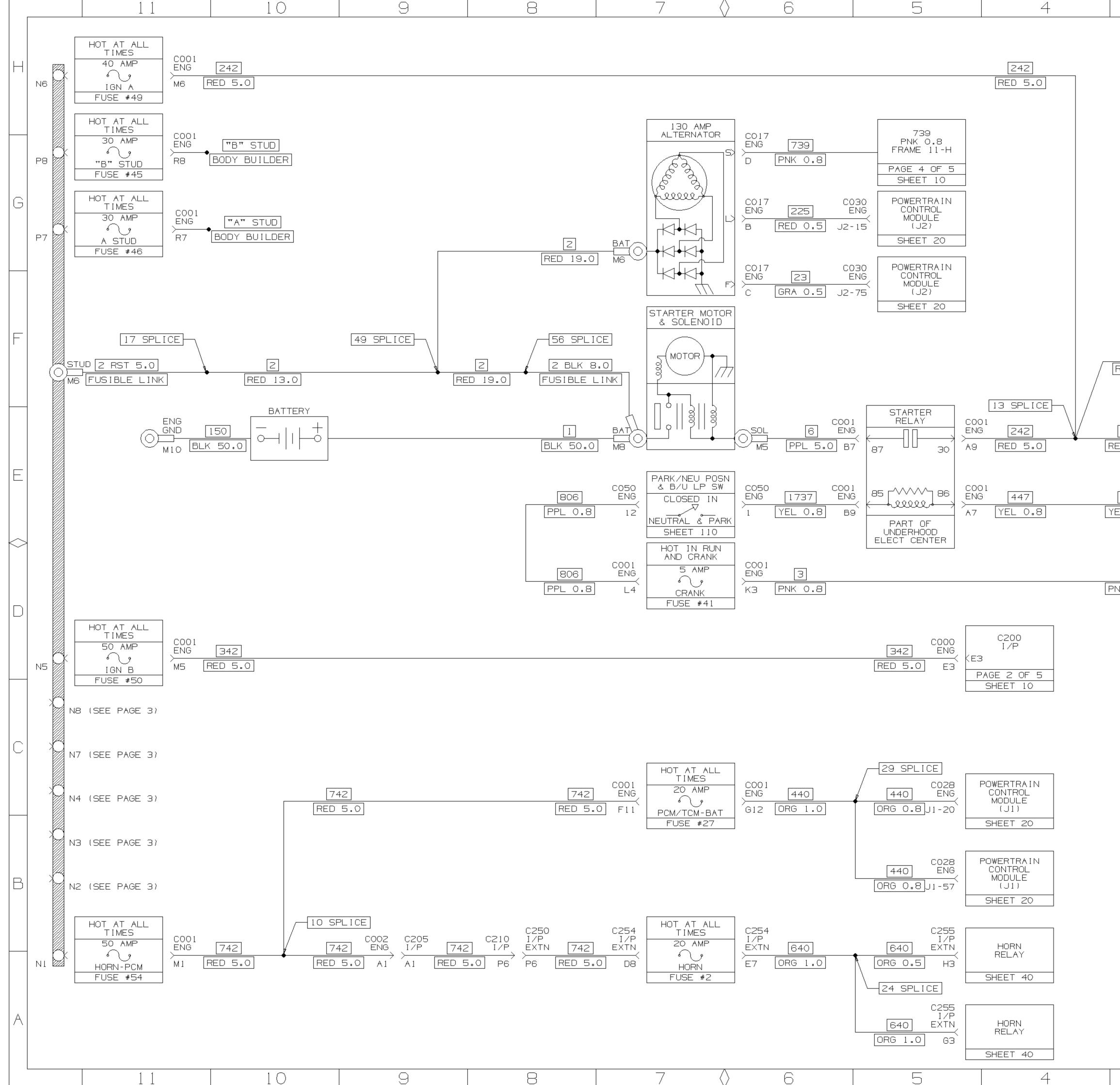
\leq

З

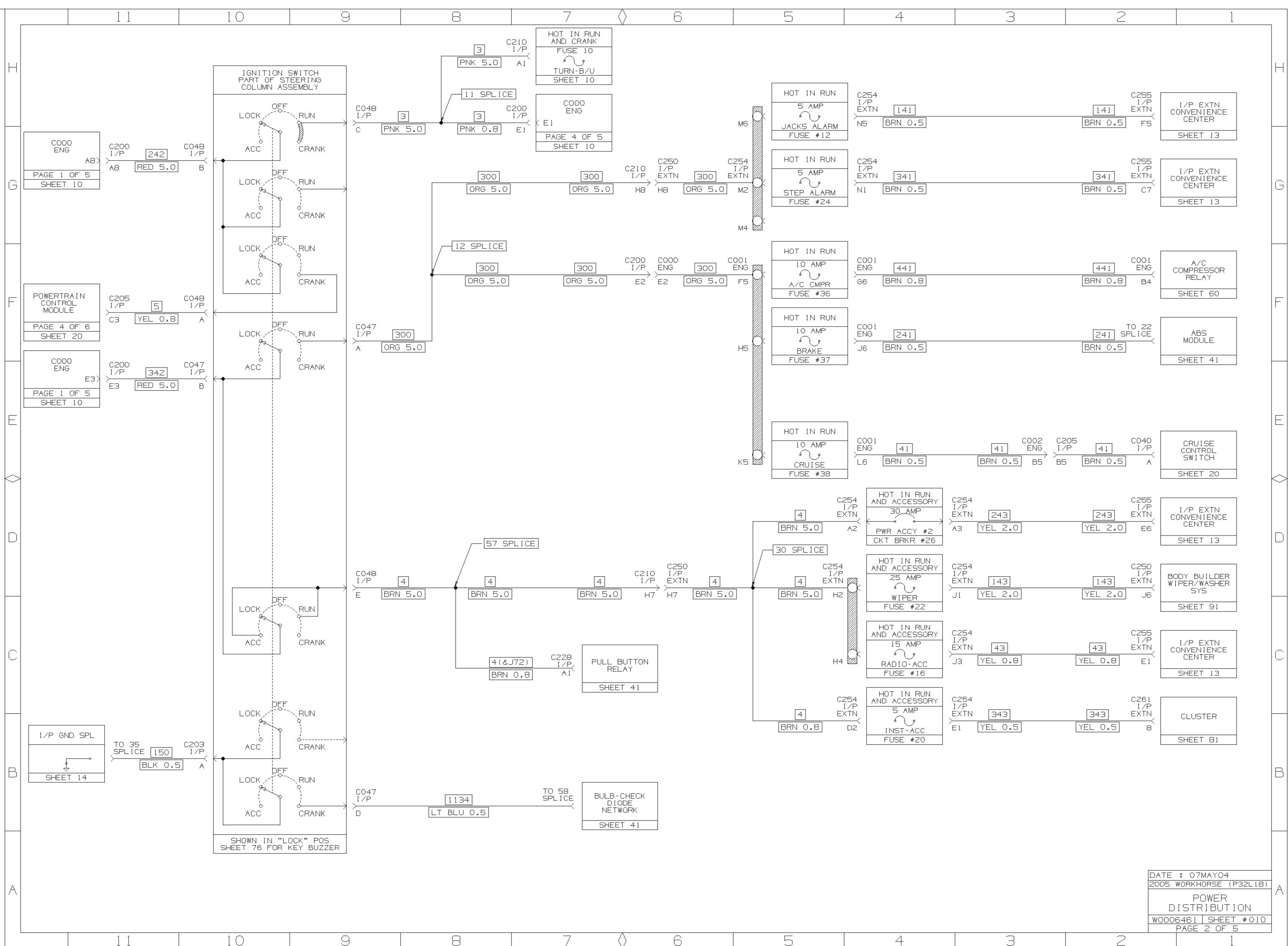


CHASS I S NO UST \cup WORKHORSE

\cap	/		1
ð	/ \		4

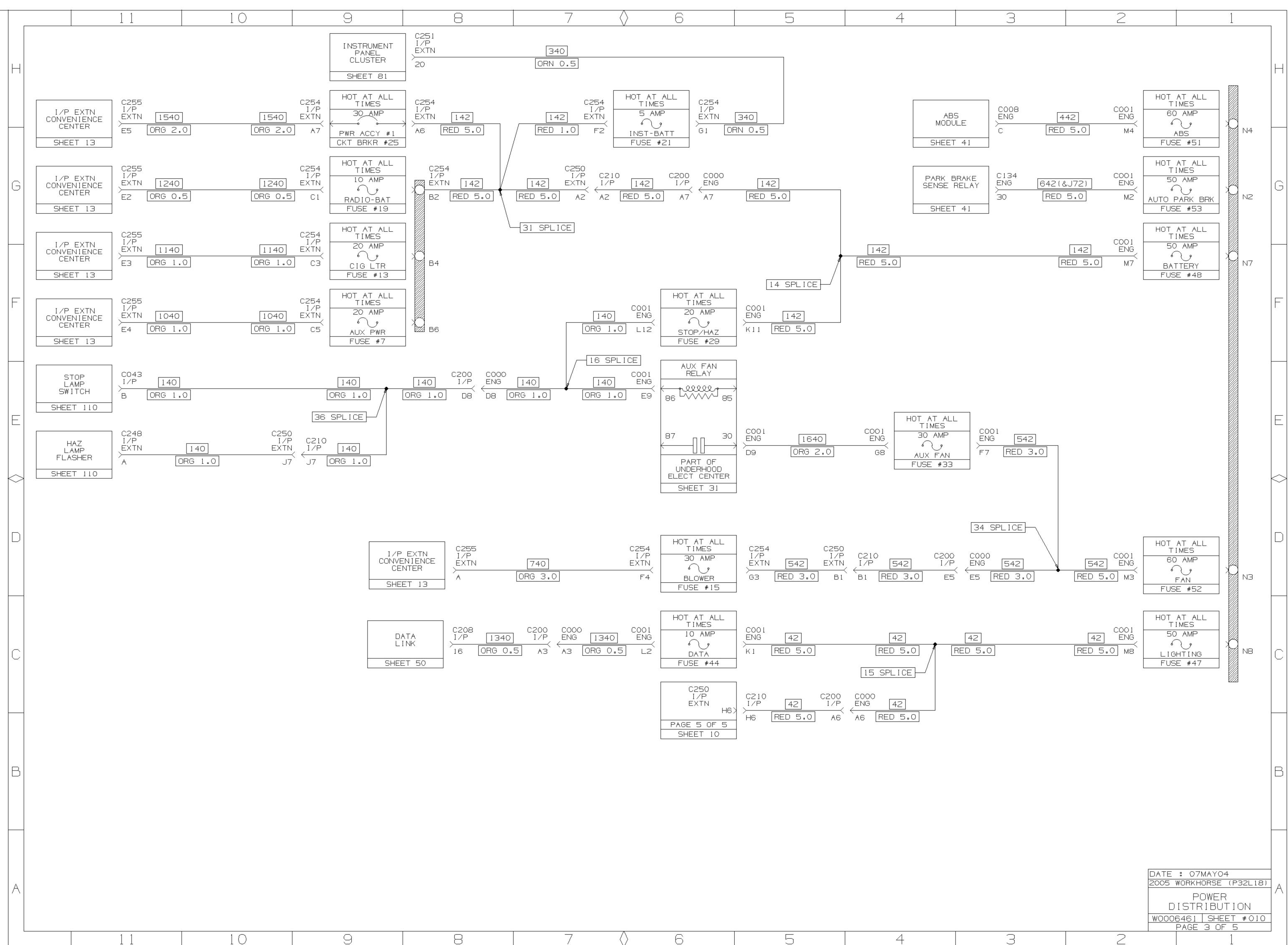


3				1]
				1	
					G
С155 [242] ENG [RED 5.0] зо	RUN AND CRANK RELAY PAGE 4 OF 5 SHEET 10				F
242 COOO ENG RED 5.0 A8 CO28 447 ENG YEL 0.8 J1-39	C200 I/P (A8 PAGE 2 OF 5 SHEET 10 POWERTRAIN CONTROL MODULE (J1) SHEET 20				E
J SPLICE	HOT IN RUN AND CRANK IGN SWITCH CRANK SHEET 10-4				
					С
					B
3		2	PC DISTR W0006461	1AY04 DRSE (P32L18 DWER I BUTION SHEET #010 1 OF 5 1	



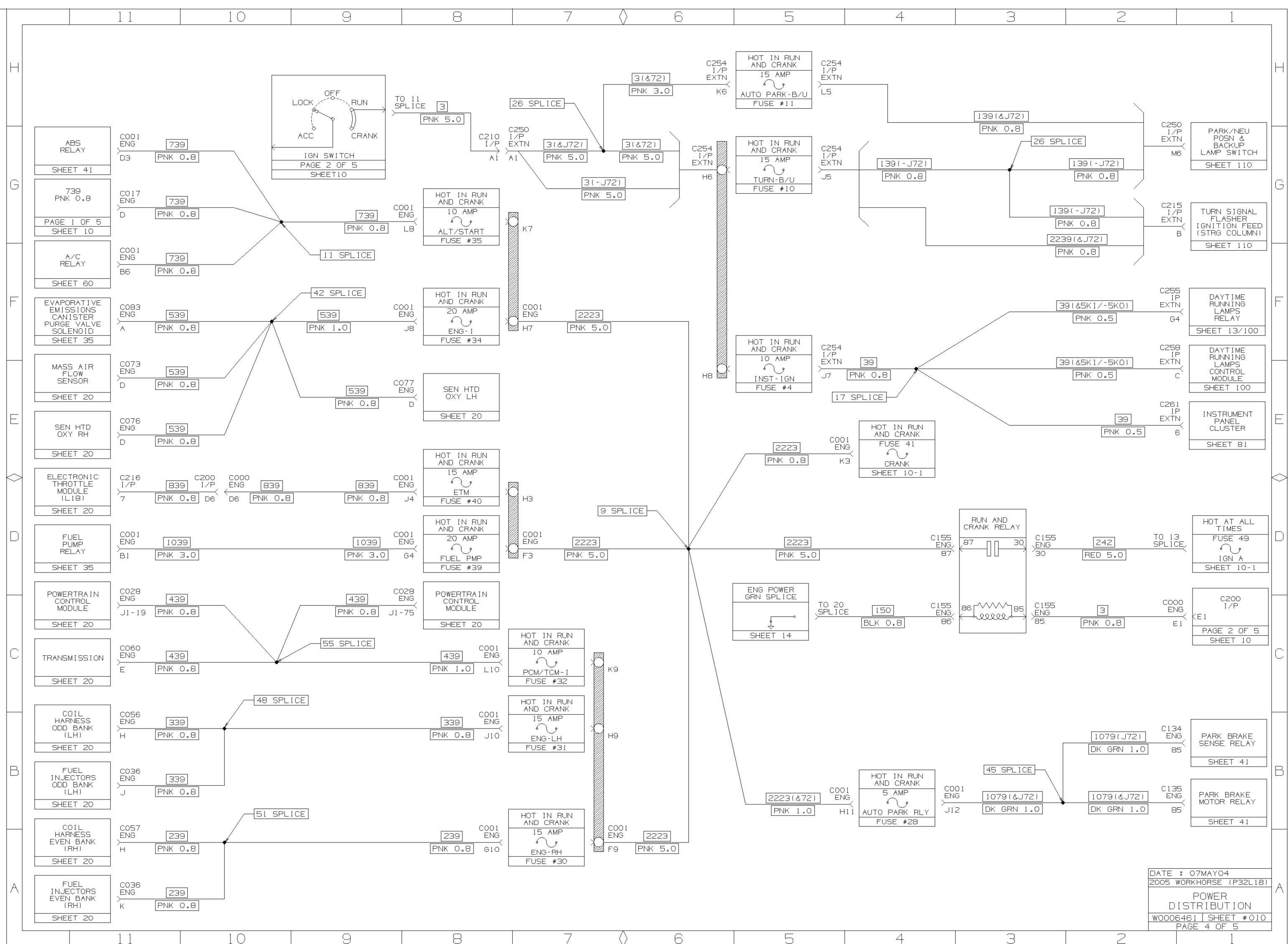
CHASS I S CUSTOM WORKHORSE

8	7 <	\rangle 6	IJ	4



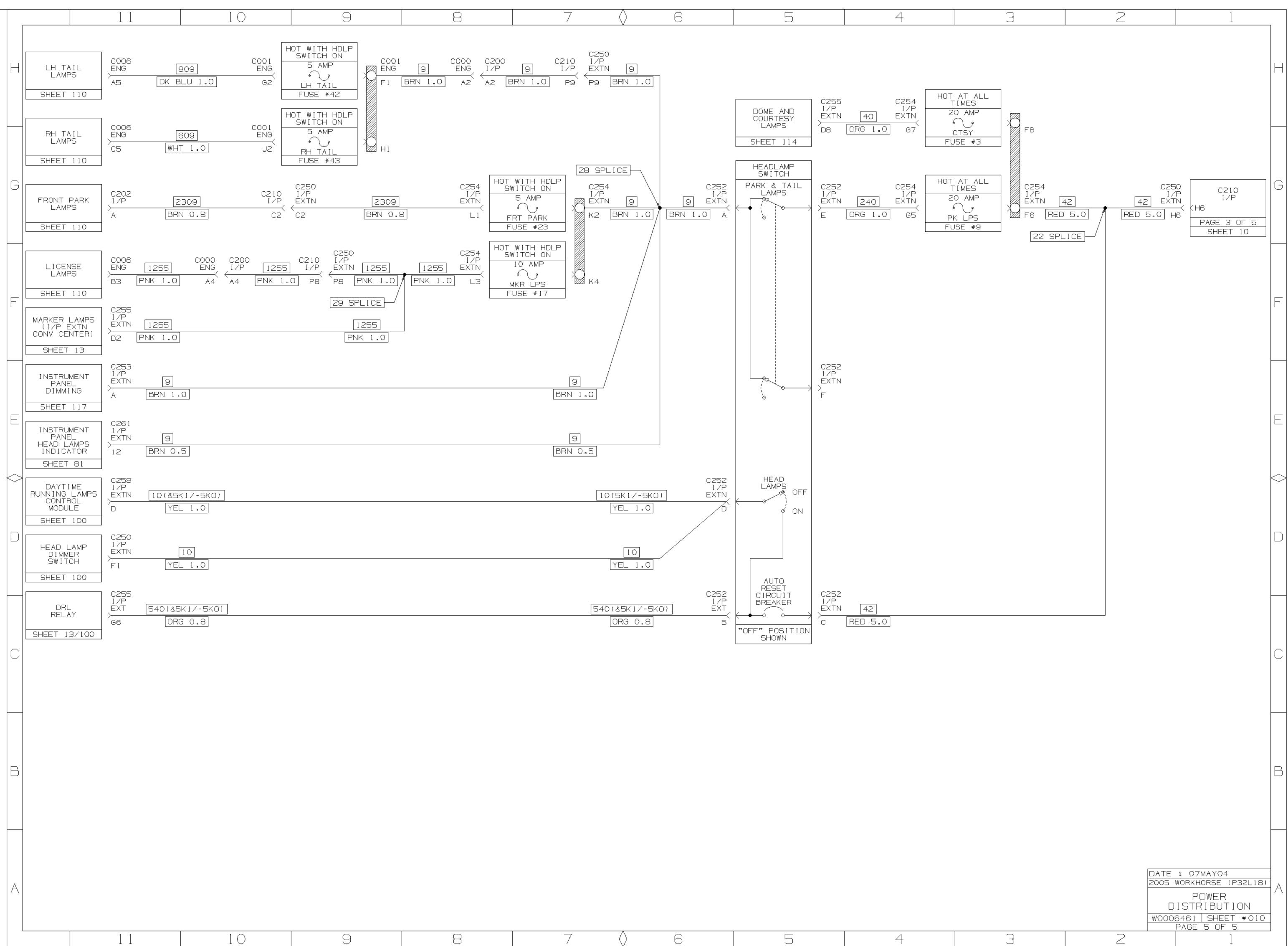
CHASS I S CUSTOM WORKHORSE

8 7	$\Diamond 6$	5	4
-----	--------------	---	---



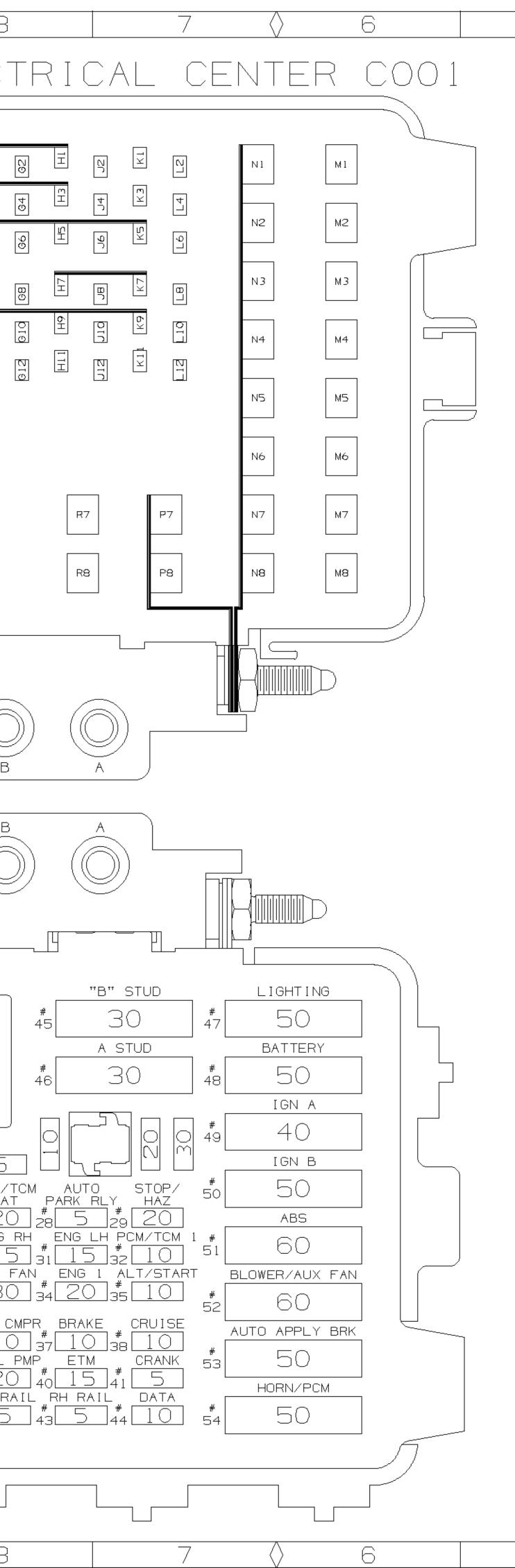
S CHASS I (NO UST \bigcirc WORKHORSE

3	7 <	\rangle 6	IJ	4	



			1
\prec	/ () h	4
_	/	$/$ \lor	I

				1 1	10		9			8
					UN[DE	RHOC			ECT
		COO1 ITEM NO: 12146281	BLK				A1 B1		DI	F] F]
		PWR DIST CAV A1 A3 A4 A6 A7 A9 B1 B2 B3 B4 B5 B4	WIRE 150M 120C 459 59A 447 242B 1039 490 465 441	WIRE 150M 120C 459 59A 447 242B 1039 490 465 441	BLK		B2 A3 B3 A4 B4 B5 A6 B6	C3 (D2 D3 D4 D5	F1] F9 F7 F13 F13 F13 F13 F13 F13 F13 F13 F13 F13
F	_	B6 B7 B8 B9 C1 C3 C4 C6 D1 D2 D3 D3 D4 D5	739B 6 1737 1450 867B 150A 420B 150U 739F 1135	739B 6 1737 1450 867B 150A 420B 150U 739F 1135			A6 B6 A7 B7 B8 A9 B9		D6 D7 E7 E8 D9 E9]
E		D6 D7 D9 E7 E8 E9 F1 F3 F5 F5 F7 F7	275B 473 1640 702 140A 9 2223C 300 542B 2223E	275B 473 1640 702 140A 9 2223C 300 542B 2223E						B
		F11 G2 G4 G6 G8 G10 G12 H1 H3 H5 H7 H7 H9	742B 809 1039 441 1640 239A 440A 239A 440A	742B 809 1039 441 1640 239A 440A 440A 2223B						B
		H11 J2 J4 J6 J8 J10 J12 K1 K3 K5 K7	609 839 241A 539A 339A 42B 2223F	2223G 609 839 241A 539A 339A 1079A 42B 2223F			STARTER RELAY 12193604		AUX FA RELAY 21936(·
	3	K9 K11 L2 L4 L6 L8 L10 L12 M1 M2 M3 M4 M5 M6 M7 M8	142B 1340 806 41 739A 439A 140B 742C 542A 442 342 342 242A 142C 42C	142B 1340 806 41 739A 439A 140B 742C 642 542A 442 342 342 242A 142C 42C	BLK		A/C CMPR RELAY 12193604 FUEL PUMP RELAY 12177234	BTS REL 1 2088	AY 3567 3 3 3 4 3 4 3 4 3 4 3 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 3 4 4 3 3 5 6 7 4 8 5 6 7 8 5 6 7 8 5 6 7 8 5 6 7 8 5 6 7 8 5 6 7 8 5 6 7 8 8 5 6 7 8 8 5 6 7 8 8 5 6 7 8 8 5 6 7 8 8 5 6 7 8 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	ENG R 0 15 AUX F/ 3 30 A/C CM 6 10 FUEL P 9 20
A	4	N1 N2 N3 N4 N5 N6 N7 N8 SYMBOL	- J72	&J72					#	LH RA 25
				1 1	10		9			8



5

		4		3	2	
			<u>dae</u>	<u>Chart</u>		
FUSE NO	NAME	SIZE	LOAD CIRCUIT	LOAD		
27	РСМ/ТСМ -ВАТ	20A FUSE	440	POWERTRAIN CONTROL MODU TRANSMISSION CONTROL MC		
28	AUTO PARK Relay	10A FUSE	1079	PARK BRAKE SENSE RELAY PARK BRAKE MOTOR RELAY		
29	STOP/HAZ	20A FUSE	140	ABS BRAKE SWITCH, TURN Switch, Audio Alarm/Aux	SIG FAN	
30	ENG-RH	15A FUSE	239	CYLINDER 2,4,6,8 INJECT AND COILS	ORS	
31	ENG-LH	15A FUSE	339	CYLINDERS 1,3,5,7 INJEC AND COILS	TORS	
32	РСМ/ТСМ - I	10A FUSE	439	POWERTRAIN CONTROL MODU TRANSMISSION CONTROL MC		
33	AUX FAN	30A FUSE	1640	AUXILIARY FAN		
34	ENG-I	20A FUSE	539	EVAP CANISTER SOL, MASE OXY SENSORS	AIR,	
35	ALT/ START	10A FUSE	739	ALTERNATOR, PARK/NEU PC & B/U LP SWITCH	SN	
36	A/C CMPR	10A FUSE	441	A/C COMPRESSOR RELAY		
37	BRAKE	10A FUSE	241	ABS MODULE ZABS BRAKE SWITCH		
38	CRUISE	10A FUSE	41	CRUISE CONTROL SWITCH		
39	FUEL PMP	20A FUSE	1039	FUEL PUMP RELAY		
40	ЕТМ	15A FUSE	839	ELECTRONIC THROTTLE MOD	ULE	
41	CRANK	5A FUSE	806	CRANK REQUEST TO PCM		
42	LH TAIL	5A FUSE	809	LH TAIL LAMPS		
43	RH TAIL	5A FUSE	609	RH TAIL LAMPS		
44	DATA	10A FUSE	1340	DATA LINK		
45	"B" STUD	AOE I XAM	BODY BUILDER	BODY BUILDER		
46	"A" STUD	AOE MAX I	BODY BUILDER	BODY BUILDER		
47	LIGHTING	50A MAXI	42	I/P EXTN FUSEBLOCK, HEA Switch, data link fuse		
48	BATTERY	50A MAXI	142	I/P EXTN FUSE BLOCK STOP/HAZ FUSE (ENG)		
49	IGN A	40A MAXI	242	IGNITION SWITCH Starter relay		
50	IGN B	50A MAXI	342	IGNITION SWITCH		
51	ABS	60A MAXI	442	ABS MODULE		
52	FAN	60A MAXI	542	HVAC BLOWER AUX FAN		
53	AUTO PARK BRK	50A MAXI	642	PARK BRAKE MODULE SENSE Park brake pump motor		
54	HORN-PCM	50A MAXI	742	ENG FUSE BLOCK HORN FUSE (I/P EXTN)		

DATE : 07MAY04	
2005 WORKHORSE (P32L18)	
FUSE BLOCK	
W0006461 SHEET #011	
PAGE 1 OF 2	
1	

З

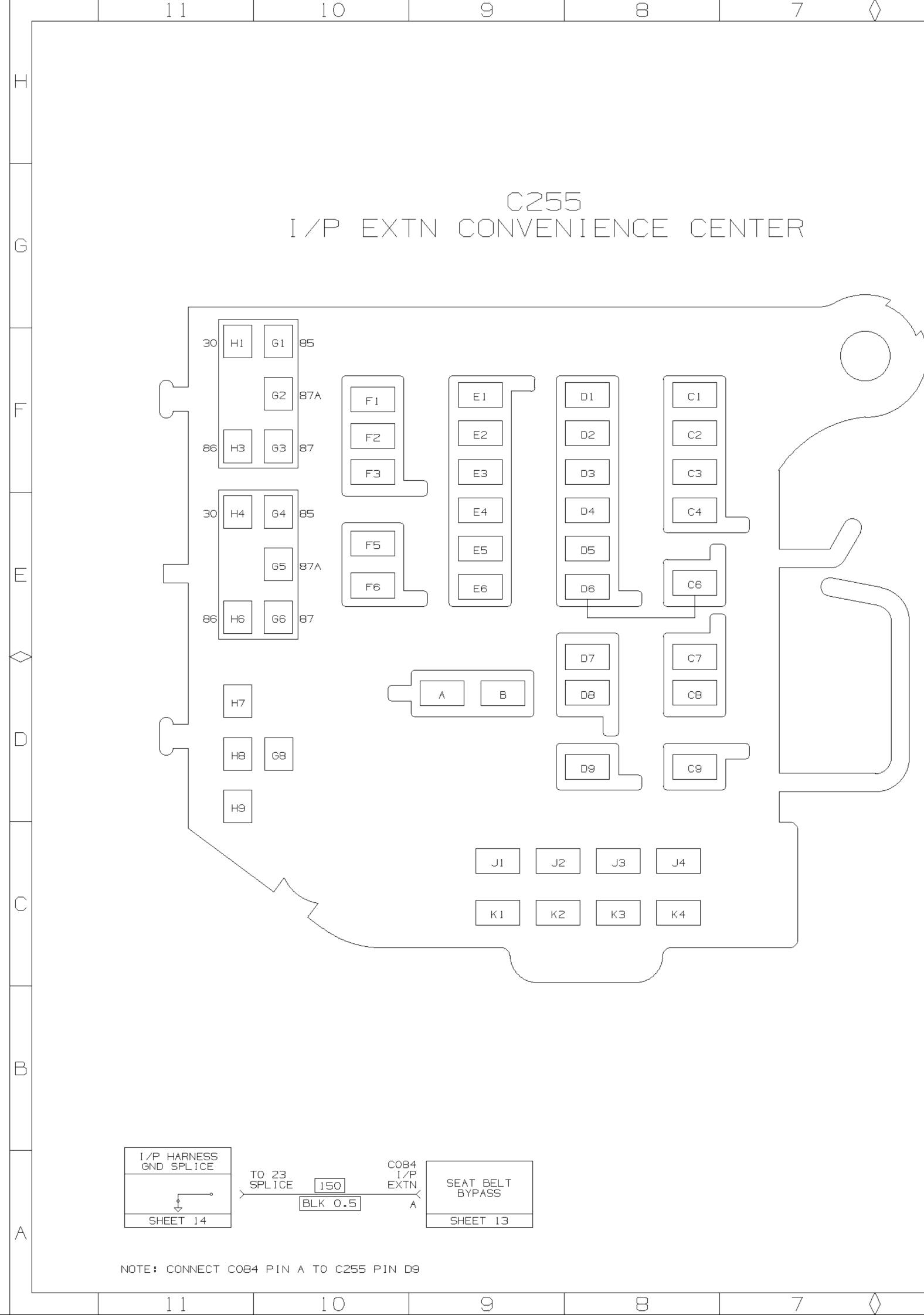
4

	C254 Item no: 11 12110746 Blk	-	/P EXTN	FUSE RI	OCK	1					
	FUSE BLK CAV WIRE WIRE		PWR ACCY #2	PWR ACCY #1			[/	P EXT		FUSE BL	_ ()
	A24C4CA3243243			s < <u>30</u>					D	CHART	
	A6 142B 142B A7 1540 1540					-	FUSE NO	NAME SIZE	LOAD CIRCUIT	T LOAD	
	B2 142A 142A B4		RADIO-BAT CIG LTR	AUX PWR			1	OPEN			
G	B6 Image: B8 C1 1240		INST-ACC, ILLUM	<u></u>			2	HORN FUSE	640	HORN RELAY	
	C3 1140 1140 C5 1040 1040		$\begin{bmatrix} 100 \\ 50 \\ 10 \end{bmatrix}$	4 <u> </u>			3	CTSY 20A FUSE	40	DOME & COURTESY LAI (BODY BUILDER)	
	C7		INST-BAT, BLOWER	PK LPS CTSY			4	INST-IGN 10A FUSE	39	DRL RELAY, DRL CON Module, cluster, A	
	D4 44 44 D6						6	OPEN			
	D8 742 742 E1 343 343			2 15910) 4 <u>GN</u> .		7	AUX PWR FUSE	1040	BODY BUILDER	
F	E3 8A 8A E5 6404		FRT PARK MKR LPS	AUTO PK-B/U			8	OPEN			
	E7 640A 640A F2 142E 142E F4 740 740		STEP ALARM	$\begin{bmatrix} 15 \\ 34 \end{bmatrix}$			9	PK LPS 20A FUSE	240	HEADLAMP SWITCH (P. Marker and tail la	ARK, MPS)
	F6 42B F8 42B						10	TURN 15A FUSE	2239	TURN SIGNAL SWITCH	
	G1 340A 340A G3 542 542				SLR	(&J72)	11	AUTO PARK 15A - B/U FUSE	139	PARK/NEU POSN & B/ Switch, park brake	J LA Moe
	G5240240G74040						12	JACKS 5A ALARM FUSE	141	JACKS ALARM	
	H2 4B 4B H4]		13	CIG LTR 20A FUSE	1140	CIG LIGHTER (BODY)	BUIL
E	H6 3 3B H8 -		MA MAN	MA MA			14	ILLUM 10A FUSE	8	I/P CLUSTER, AUDIO BODY BUILDER FEED	ALA
	J1 143 143 J3 43 43		K4 L K2 L	Ke L5	_		15	BLOWER 30A FUSE	740	HVAC BLOWER AUX FAN	
	J5 2239 2239 J7 39A 39A						16 F	RADIO-ACC 15A FUSE	43	BODY BUILDER RADIO	
\bowtie	K2 9C 9C K4 3C	_		H H H H H H H H	1		17	MKR LPS 10A FUSE	1255	LICENSE LAMPS BODY BUILDER MARKEI	RLF
	KB 2309						18	OPEN 10A			
	L3 12550 12550 L5 139							RADIO-BAT 10A FUSE	1240	BODY BUILDER RADIO	
	L7 M2 300 300			DA D6		·	20	INSTERE FUSE	343	INSTRUMENT CLUSTER & CHECK TIRE SYSTE	
	M4 M6			C7 B8 B6	<u>ال</u>		21 22	INST-BAT FUSE WIPER 25A FUSE	340 143	& CHECK TIRE SYSTER	M
	M8							FRT PARK FUSE	2309	FRONT PARK LAMPS	
	N3 N5 141 141						24	STEP 5A	341	STEP ALARM	
	N7 SYMBOL -J72 &J72			GA LA			25	ALARM FUSE PWR 30A ACCY #1 BRKR	1540	BODY BUILDER	
							26	PWR 30A ACCY #2 BRKR	243	BODY BUILDER	
						l					
	1 1	10 9	8	7	\bigcirc	6		5		4	

CUSTOM CHASSIS WORKHORSE

\Box				
Ö	/ \	/ 0	C	

3	2	1	
I	1		
BLOCK			
AD			
			G
Y LAMPS			
CONTROL R, AUDIO ALARM			
			F
H (PARK, L LAMPS)			
& B/U LAMP RAKE MODULE			
ODY BUILDER) UDIO ALARM, EED			
EED			E
ADIO			
ARKER LPS			
ADIO			
STER YSTEM			
STER YSTEM			
IPERS			
PS			
			C
			B
		: 07MAY04 Workhorse (P32L18)	A
		FUSE BLOCK	
1		6461 SHEET #011 PAGE 2 OF 2	
3	2	1	



CHASSIS CUSTOM WORKHORSE

6

5

		I/P EXTN CONVENIENCE CENTER		
CAVITY	CIRCUIT	FUNCTION	REF. SHEET	COMPONENT
A B	740	BODY BUILDER BLOWER	10	MATES WITH 12129939
C1	_	_	_	
C2	1317	FOG LP. RELAY GRD(Z49/-5K0)	100	·
СЗ	534	HIGH IDLE	20	MATES WITH 12033704
C4	-	_	-	
C6	150	GROUND	14	MATES WITH 12015202
<u>C7</u>	341	STEP ALARM	10	MATES WITH 12034341
<u>C8</u>	745	DOOR AJAR	81	
<u> </u>	275	PARK ACCESSORY	110	MATES WITH 12015203
D1	8	PANEL DIMMER SWITCH	117	
	1255	MARKER LAMPS	10	
D3	24	BACKUP LPS (CAMERA FEED)	110	MATES WITH 12110747
D4 D5	<u>235</u> 29	IGNITION SWITCH BULB CHECK	41 40	
D3	BUS TO C6	HORN RELAY OUTPUT GROUND	14	
D7	<u> </u>	DOME LAMP SWITCH (TO GROUND)	114	
D8	40	COURTESY/DOME LAMP FEED	114	MATES WITH 12034577
D9	234	SEAT BELT	81	MATES WITH 12033713
E1	43	RADIO-ACC FEED	10	W///E3 WITH 12033/13
E2	1240	RADIO-BAT FEED	10	
E3	1140	CIG LTR FEED	10	
E4	1040	AUX PWR FEED	10	MATES WITH 15324788
E5	1540	PWR ACCY #1 FEED	10	
E6	243	PWR ACCY #2 FEED	10	
F1	-	-	-	
F2	-	-	-	MATES WITH 12110777
F3		-	-	
F5	141	JACKS ALARM	10	MATES WITH 12052184
F6	17	AUX STOP FEED	110	
G1	28	HORN RELAY	40	HORN RELAY
G2	-	-	-	(12088567)
G3	640	HORN RELAY(Z49/-5KO)	40	
G4		DAYTIME RUNNING LAMPS RELAY (Z49)	10/100	DAYTIME RUNNING LAMP
G5	150	DAYTIME RUNNING LAMPS RELAY (Z49)	14/100	RELAY (12077866)
<u> </u>	540	DAYTIME RUNNING LAMPS RELAY (Z49)	10/100	
GB H1			- 40	
		HORN RELAY	40 40	HORN RELAY (12088567)
H3 H4	<u>640</u> 593	HORN RELAY(Z49/-5KO) Daytime running lamps relay (Z49)	100	
H4 H6		DATTIME RUNNING LAMPS RELAT (249) DAYTIME RUNNING LAMPS RELAY (249)	100	DAYTIME RUNNING LAMP RELAY (12077866)
H7		-	-	
H8	_	-	_	1
H9	_	_	-	
JI	-	-	-	
J2	-	-	_]
J3	-	-	-	
J4	-	-	-	
K1	-	-	-	
К2	-	-	-	
КЗ	-	-	_	
K4	-	-	_	

4

3

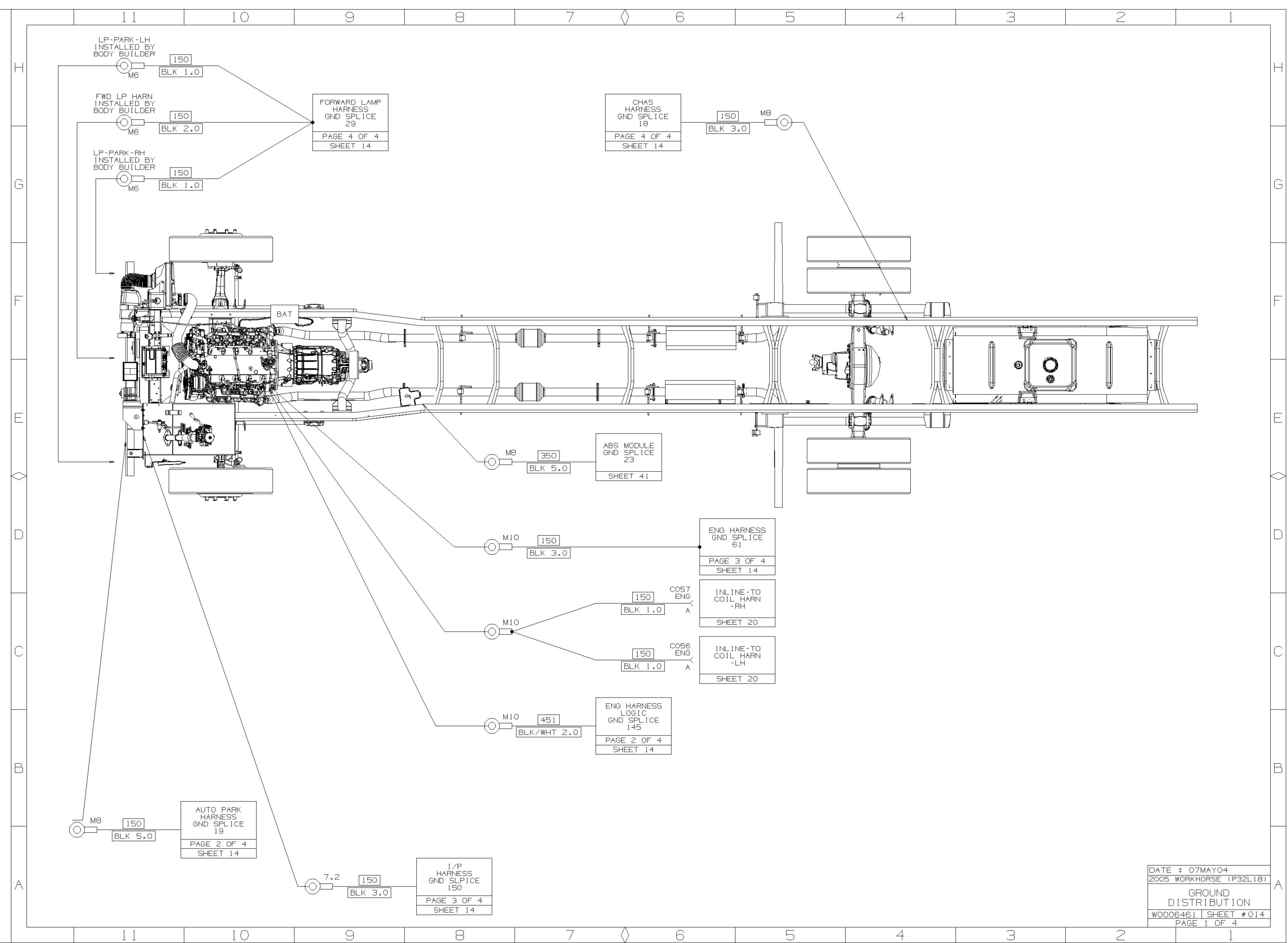
2

DATE : 07MAY04	
2005 WORKHORSE (P32L18)	
	$ \cap$
CENTER	
W0006461 SHEET #013	
PAGE 1 OF 1	
1	

В

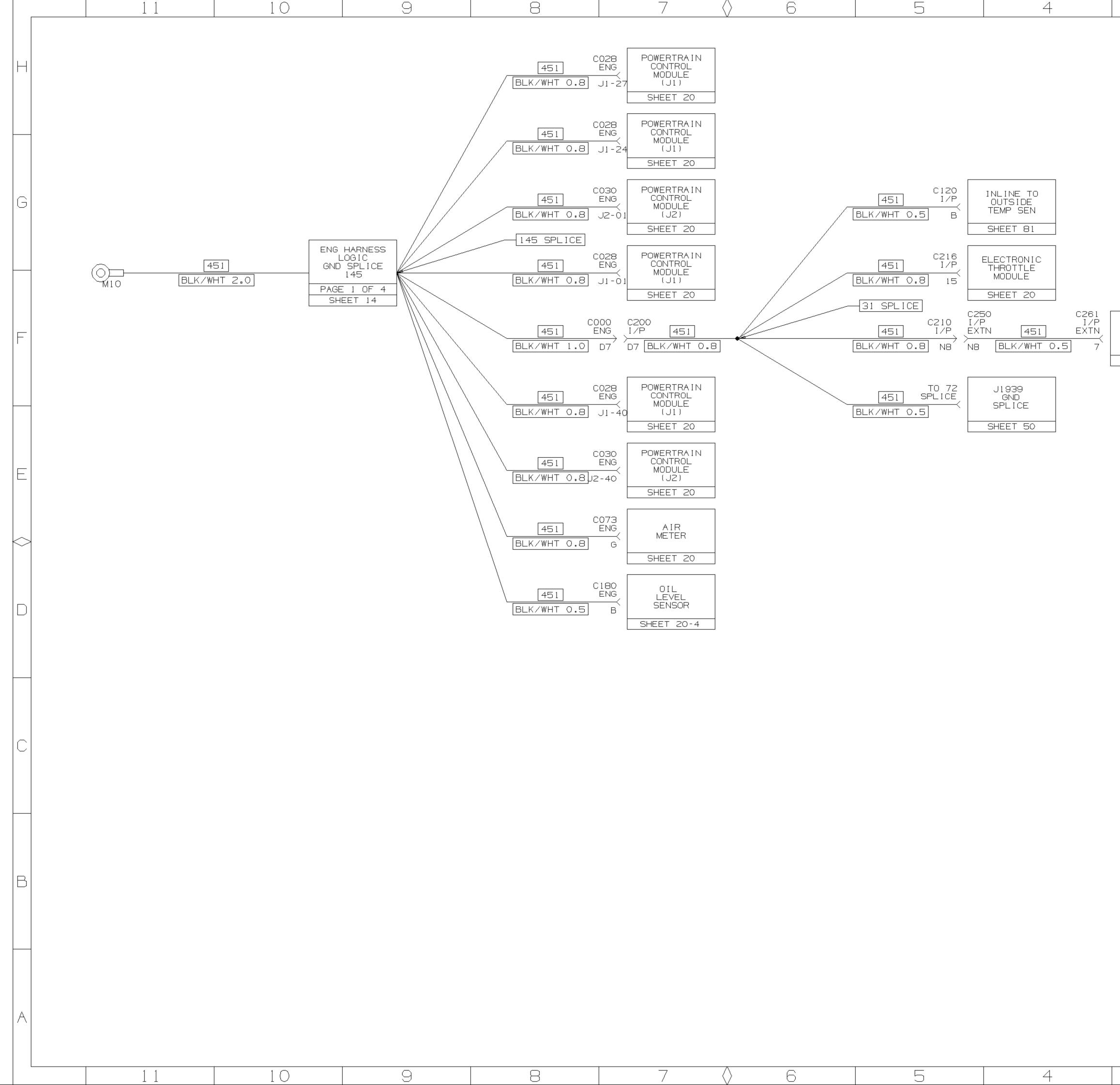
2

З



CHASS I S **USTOM** \bigcirc WORKHORSE

	/			
8	7 ($\rangle \qquad 6$	5	4

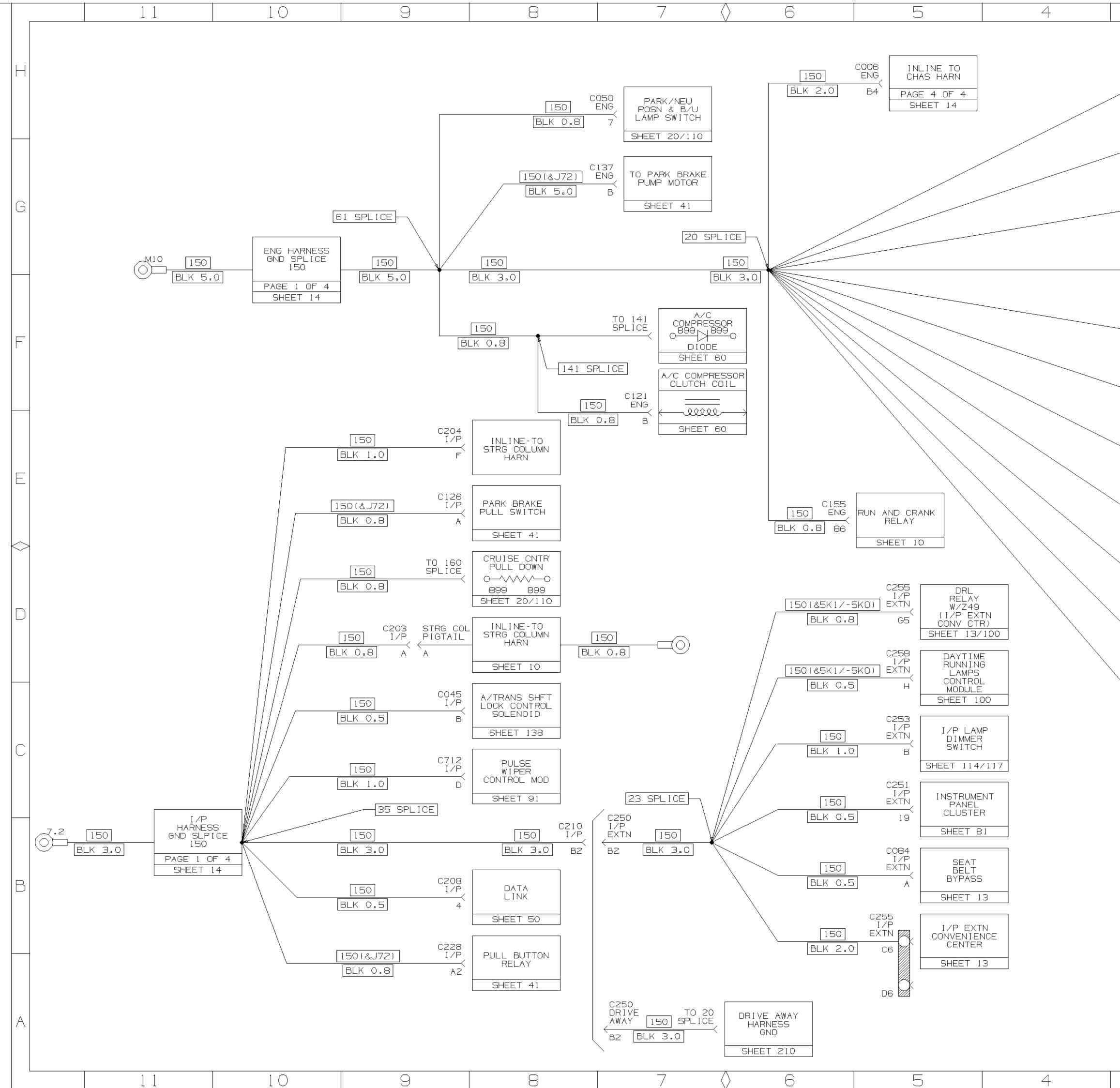


CHASSIS CUSTOM WORKHORSE

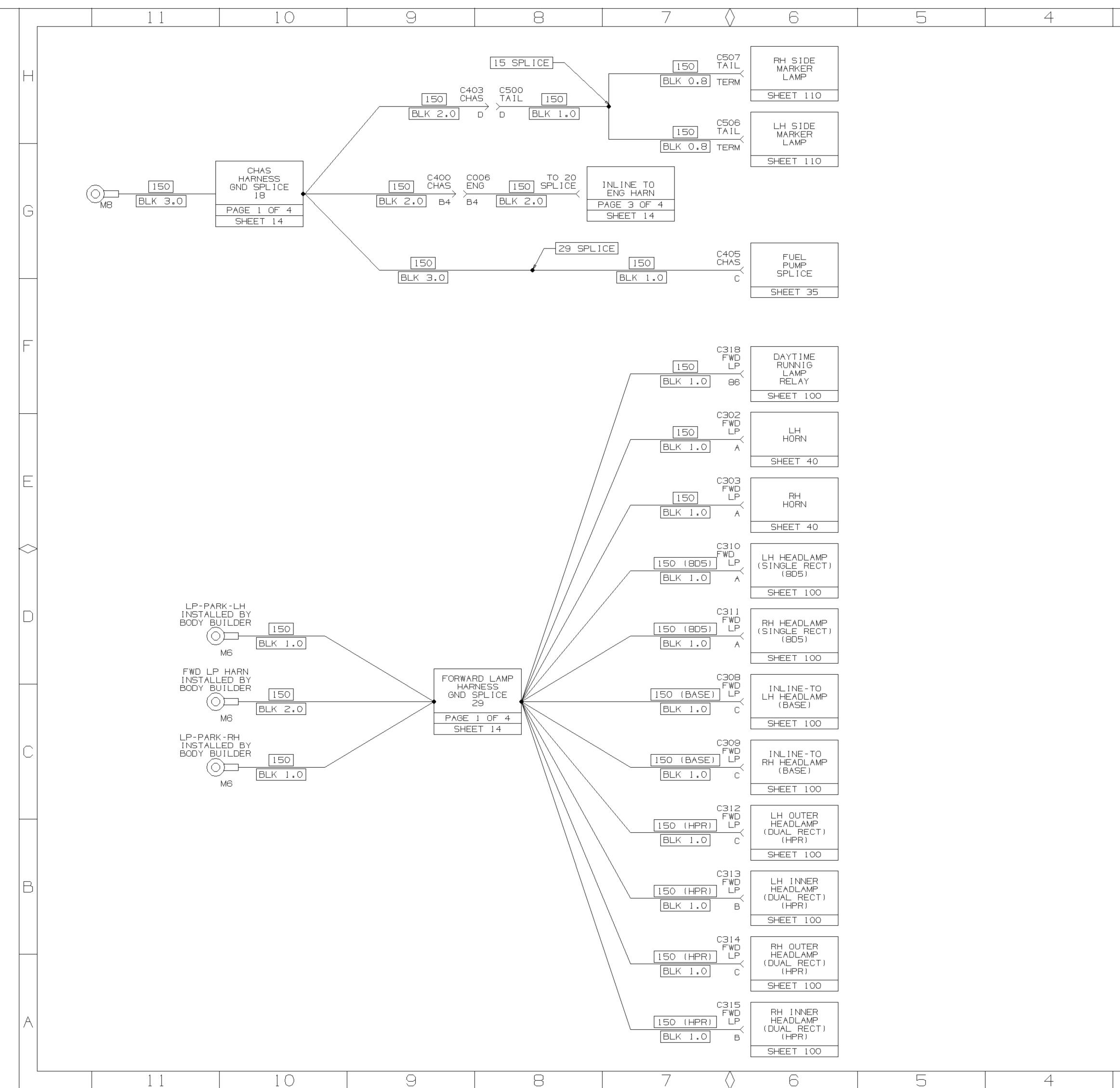
8	7 <	\rangle 6	5	4	

	7 /		
o I	/ /		4

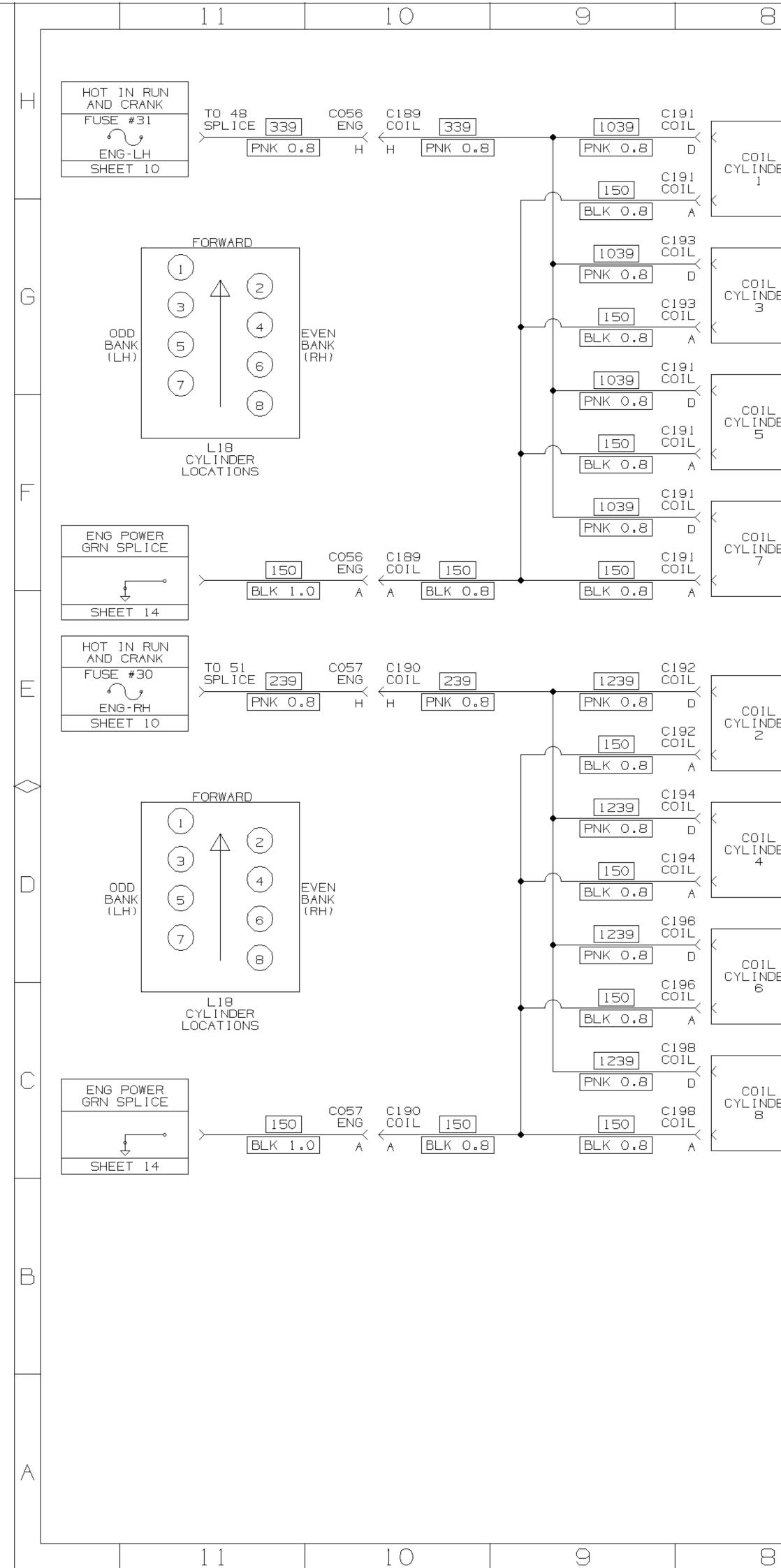
3	2	1	
			H
			G
I NSTRUMENT PANEL CLUSTER SHEET 81			F
			E
			С
			B
3	2005	: 07MAYO4 WORKHORSE (P32L18) GROUND DISTRIBUTION 06461 SHEET #014 PAGE 2 OF 4 1	A



ISOLUTE: COSE ALTO ANK SENSE ALTO ANK SENSE HIT ANK SENSE ISU ISU COSE ALSO SENSE ALSO SENSE ALSO SENSE ALSO SENSE ISO ISO ISO COSE ALSO SENSE ALSO SENSE ALSO SENSE ISO ISO COSE ALSO SENSE MICH ALSO SENSE ISO ISO ISO ISO COSE ALSO SENSE ISO ISO <t< th=""><th>3</th><th>2</th><th>-</th><th>1</th><th></th></t<>	3	2	-	1	
ISC ENC CNC CARLING INK C.E B SHEET 41 ISC CONTROL SHEET 33 ISC CONTROL SHEET 30 ISC CONTROL SHEET 31 ISC CONTROL SHEET 41 ISC CONTROL SHEET 31 ISC CONTROL SHEET 31 ISC CONTROL SHEET 31 ISC CONTRUCT		150(&J72) ENG	GROUND SENSE		$\left - \right $
IISO (AJ72) ENG MCDULE (J72) BLK 1.0 14 SHEET 41 IISO COOL A/TRANS BLK 0.5 C4 SHEET 10 BLK 0.5 C4 SHEET 30 BLK 0.5 A/C COMPR. BLK 0.6 FUEL BLK 0.7 A/C COMPR. BLK 0.8 SHEET 30 BLK 0.8 SHEET 31 BLK 0.8 SHEET 31 BLK 0.8 SHEET 31 BLK 0.8 SHEET 31 ISO SHEET 31 SHEET 31 ISO CIU3 SHEET 31		150 ENG	GROUND		
ISO ENG LOCK CONTRCL BLK 0.5 C4 SHEET 138 ISO ENG FLAN BLK 0.5 A1 FLAN BLK 0.5 A1 SHEET 33 ISO ENG FLEAR BLK 0.6 B SHEET 30 ISO ENG SHEET 30 ISO SHEET 30 COMPRESSOR BLK 0.8 B SHEET 30 ISO SHEET 30 COMPRESSOR BLK 0.8 B SHEET 30 ISO SHEET 30 COMPRESSOR BLK 0.8 B SHEET 31 ISO ENG SHEET 31 ISO ENG SHEET 31 ISO ENG SHEET 31 ISO ENG SHEET 31 ISO (4.722) ENG SHEET 31 ISO (4.722) ENG SHEET 31 ISO (4.722) ENG SHEET 41 ISO (4.722) ENG SHEET 41 ISO (4.772) ENG SHEET 41 ISO (4.772) ENG SHEET 41		150(&J72) ENG	MODULE (J72) SYSTEM GND		G
LISO ENS Fiber BLK 0.5 AI SHEET 35 IEO CIIB A/C COMPR. BEFRIS. PRESS 5% A/C COMPR. BEFRIS. PRESS 5% BLK 0.8 SHEET 60 BLK 0.8 SHEET 60 BLK 0.8 SHEET 31 BLK 0.8 SHEET 31 BLK 0.8 SHEET 31 BLK 0.8 SHEET 31 D SHEET 41 SHEET 41 C SHEET 41 C		[150] ENG	SHIFT LOCK CONTROL SOL RELAY		
ISO ENG "REFRIG." PRESS SW BLK 0.8 SHEET 60 BLK 0.8 SHEET 60 BLK 0.8 SHEET 60 BLK 2.0 ACC 0-4/4/400 BLK 2.0 SHEET 31 BLK 0.8 SECONDARY HIGH PRESSURE SW BLK 0.8 SECONDARY HIGH PRESSURE SW BLK 0.8 A SHEET 31 SECONDARY HIGH PRESSURE SW BLK 0.8 A SHEET 31 COOL SHEET 31 SHEET 41 C BLK 0.8 BE SHEET 4014 C BLK		150 ENG	PUMP RELAY		F
ISO SPLICE COMPRESSOR BLK 0.8 B39 B39 ISO ENG COOL BLK 2.0 A SHEET 80 ISO ENG SECONDARY BLK 0.8 A SHEET 31 ISO ENG SHEET 41 ISO COOL A/TRANS SHEET 41 COOL SHEET 41 ISO (&.727) ENG SHEET 41 ISO (BURKHORSE (P32LIE) GROUND DISTR IBUTION WOOGG46I SHEET *014 PAGE 3 OF 4 PAGE 3 OF 4		ENG	REFRIG. PRESS SW		
ISO ENG ENG ENG MOTOR BLK 2.0 A SHEET 31 SHEET 31 ISO ENG SECONDARY HTH PRESSURE SW SHEET 31 D ISO ENG A/TRANS SHEET 31 D ISO ENG A/TRANS SHIFT LOCK CONTROL BLK 0.5 D2 SOL RELAY SHEET 41 C ISO(&J72) ENG SHEET 41 C ISO(&J72) ENG SHEET 41 C BLK 0.8 86 SHEET 41 C ISO(&J72) ENG SHEET 41 C ISO(&J72) ENG SHEET 41 C BLK 0.8 86 SHEET 41 C ISO(&J72) ENG SHEET 41 C ISO(&J72) ENG SHEET 41 C ISO(BLK 0.8) ISO 0.8 SHEET 41 C ISO(BLK 0.9 ISO 0.9 ISO 0.9 ISO 0.9 ISO(BLK 0.9 ISO 0.9 ISO 0.9 ISO 0.9 ISO 0.9 ISO 0.9		150 SPLICE	COMPRESSOR 0		E
ISO ENG BLK 0.8 HIGH PRESSURE SW BLK 0.8 A ISO ENG ENG BLK 0.5 A/TRANS SUFET 41 ISO(&J72) ENG ENG BLK 0.8 PARK BRAKE SENSE RELAY SHEET 41 C DATE : 07MAY04 BLK 0.8 C BLK 0.8 96 SHEET 41 C GROUND DISTRIBUTION WOOD6461 SHEET *014 PAGE 3 0F 4 A		150 ENG	FAN MOTOR		\diamond
ISO ENG SHIFT BLK 0.5 D2 SHEET 41 ISO(6J72) ENG PARK BRAKE BLK 0.8 B6 SHEET 41 C SHEET 41 C BLK 0.8 B6 SHEET 41 C SHEET 41 C BLK 0.8 B6 SHEET 41 C SHEET 41 C BLK 0.8 B6 SHEET 41 C SHEET 41 C		ENG	HIGH PRESSURE SW		
ISO(&J72) ENG PARK BRAKE BLK 0.8 86 SHEET 41 C SHEET 41 C C DATE : 07MAY04 C ZOOS WORKHORSE (P32L18) GROUND DISTRIBUTION W0006461 SHEET #014 W0006461 SHEET #014 PARK BRAKE SHEET #014		150 ENG	SHIFT LOCK CONTROL SOL RELAY		
2005 WORKHORSE (P32L18) GROUND DISTRIBUTION W0006461 SHEET #014 PAGE 3 OF 4		150(&J72) ENG	SENSE RELAY		С
2005 WORKHORSE (P32L18) GROUND DISTRIBUTION W0006461 SHEET #014 PAGE 3 OF 4					
2005 WORKHORSE (P32L18) GROUND DISTRIBUTION W0006461 SHEET #014 PAGE 3 OF 4					B
2005 WORKHORSE (P32L18) GROUND DISTRIBUTION W0006461 SHEET #014 PAGE 3 OF 4					
\prec i i i i			2005 WORKH GF DISTF W0006461 PAGE	IORSE (P32L18) ROUND RIBUTION SHEET #014	А



3	2		1
			G
			F
			E
			C
			B
3	2	DATE : 07MAYO 2005 WORKHORSE GROUNI DISTRIBU WOOO6461 SHE PAGE 4 OF	(P32L18) D TION ET #014

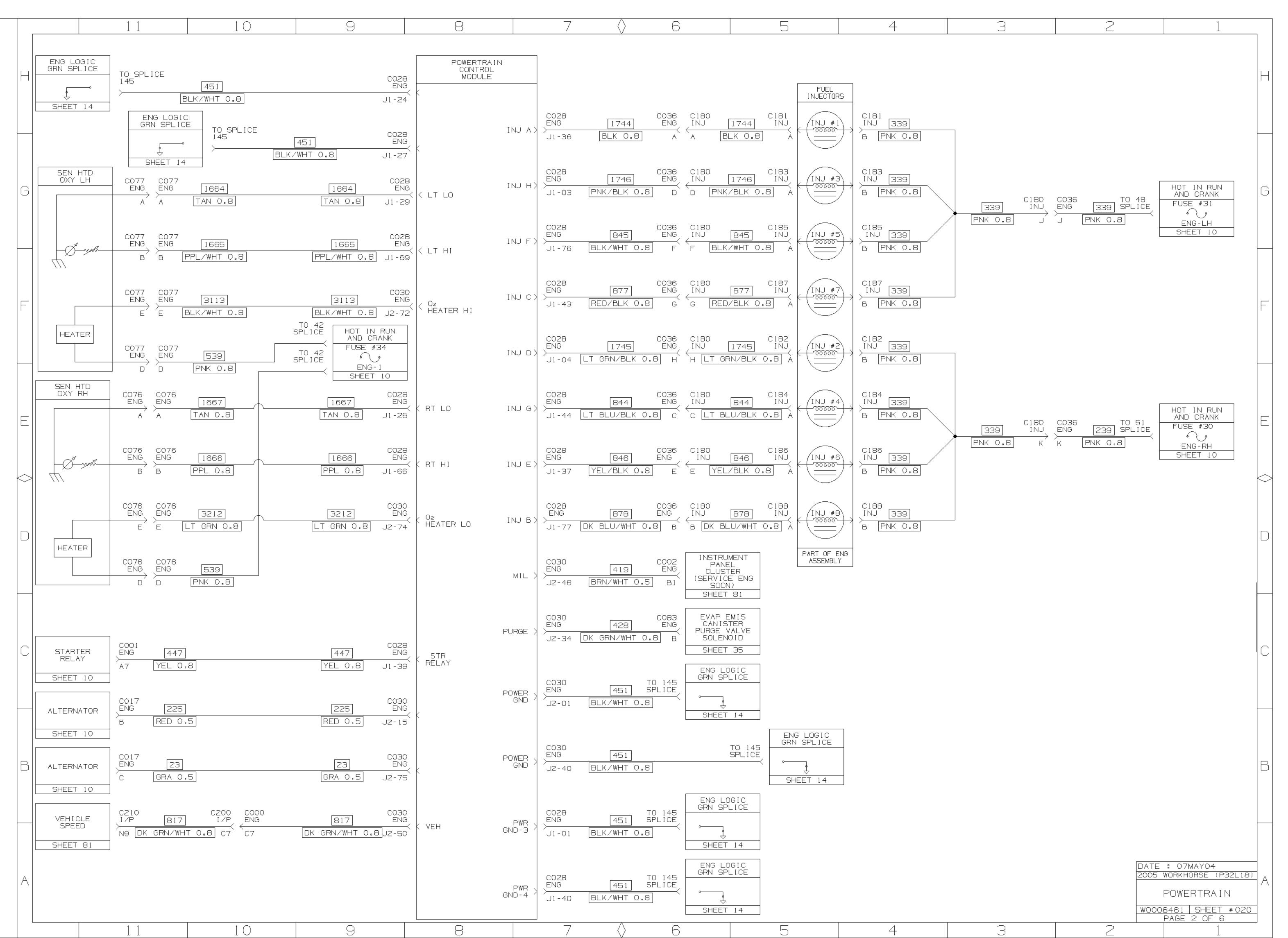


8		7	\Diamond	6		2		4	3	2		1]
	C191] COIL	2121	2121	C189 CO COIL EN	56 G [2121]	C030 ENG	POWERTRAIN CONTROL MODULE						
IL NDER I	C [C191 COIL	2121 PPL 0.8 2129 BRN 0.8	PPL 0.8	G G	PPL 0.8	J2-26	K EST A	C030 ENG 2 J2-44 RED	СООО 013 ENG 00.8 СВ	C200 1/P 2013 C8 RED 0.8	C210 ENG K6	INSTRUMENT PANEL CLUSTER (HIGH IDLE)	
IL NDER 3	C193 COIL C L C L C193 COIL	2123 T BLU 0.8 2129	2123 LT BLU 0.8	C189 CO COIL EN F F	56 G 2123 LT BLU 0.8	CO30 ENG JZ-69	K EST H	C030 ENG J2-58	332 Tan/whi		C103 ENG C	SHEET 81	j G
IL NDER	<u> </u>	BRN 0.8	 	C189 CO COIL EN C C	56 G 2125 DK GRN 0.8	CO30 ENG J2-68	K EST F	CO28 ENG J1-07	705 GRA (C103 ENG B	SENSOR ENG OIL PRESSURE	
NDER	C191 COIL B [C191 COIL	2129 BRN 0.8 2127	2127	C189 CO COIL EN	56 G [2127]	CO3O ENG		CO28 ENG J1-63	275 BLK (C103 ENG A] F
IL NDER 7	C [C191 COIL	2127 RED 0.8 2129 BRN 0.8	 RED 0.8 BRN 0.8	C189 C01L C01L E E E	RED 0.8	JZ-27 CO30 ENG JZ-60	K EST C K EST LO ODD						
I L NDER	C192 COIL COIL	2122 D/WHT 0.8	2122 RED/WHT 0.	C190 C0 COIL EN	57 G 2122 RED/WHT 0.8	C030 ENG J2-67	K EST D						E
2		2130 RN/WHT 0.8 2124 GRN/WHT 0.8	2124 DK GRN/WHT	C190 CO COIL EN	57 G 2124 Dk grn/wht o.	CO30 ENG 8J2-29	K EST G						\diamond
IL NDER + ;		2130 N/WHT 0.8	2126	C190 CO COIL EN	57 G [2126]	CO30 ENG							
IL NDER S		2130 RN/WHT 0.8	LT BLU/WHT	\longrightarrow	LT BLU/WHT O.		(EST E						
IL NDER 3	C198 COIL	2128 2L/WHT 0.8 2130 RN/WHT 0.8	2128 PPL/WHT 0. 2130 BRN/WHT 0.	C190 CO COIL EN	PPL/WHT 0.8	CO30 ENG	K EST B K EST LO K EVEN						C
			ENG. CO TEMP S			C028	K V5B RTN C						
				SANT C10 ENG B	5 (410) (YEL 0.5)	C028 ENG J1-74	K ECL TEMP						B

3	7 <	> 6	5	4

			MAYO4	P32L18)	
	2005 (MUNKH	UNDE (F32L10)	A
		POWE	RTRA	IN	
				T #020	
		PAGE	1 OF	6	
2				1	

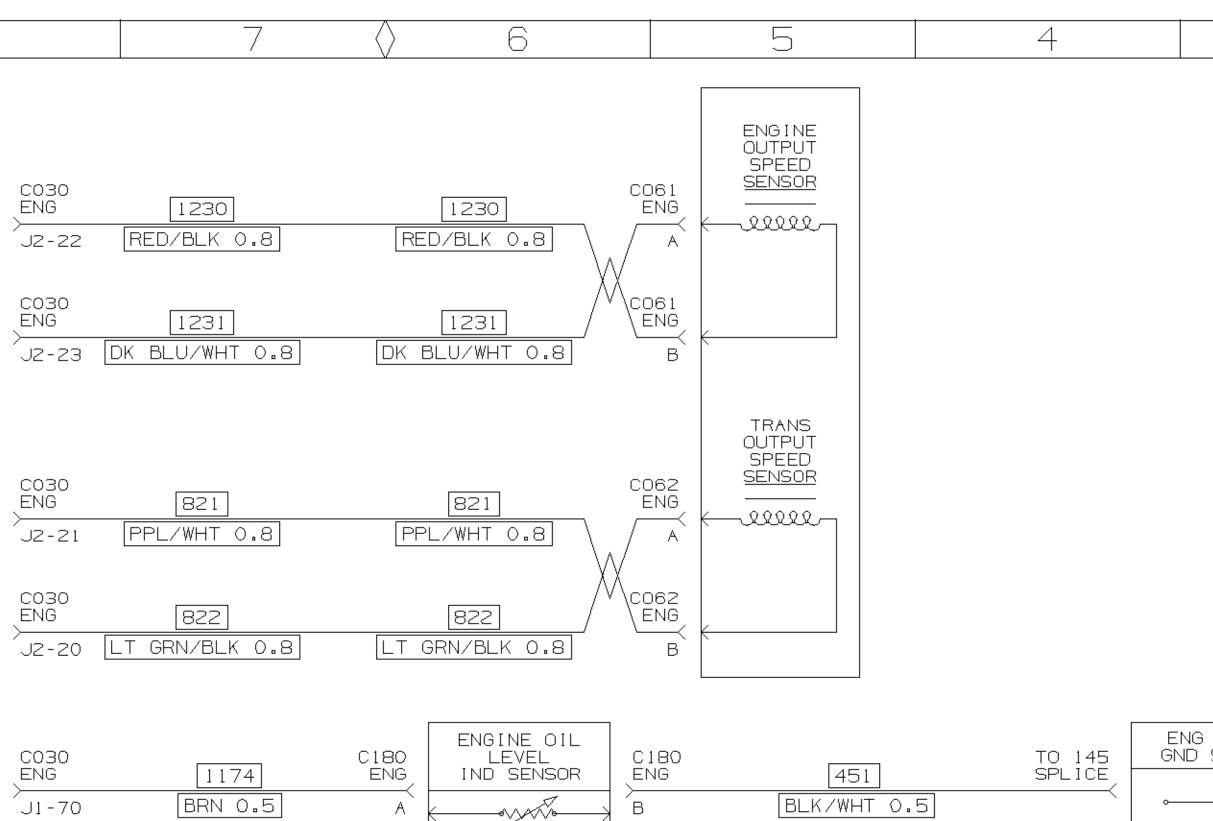
З



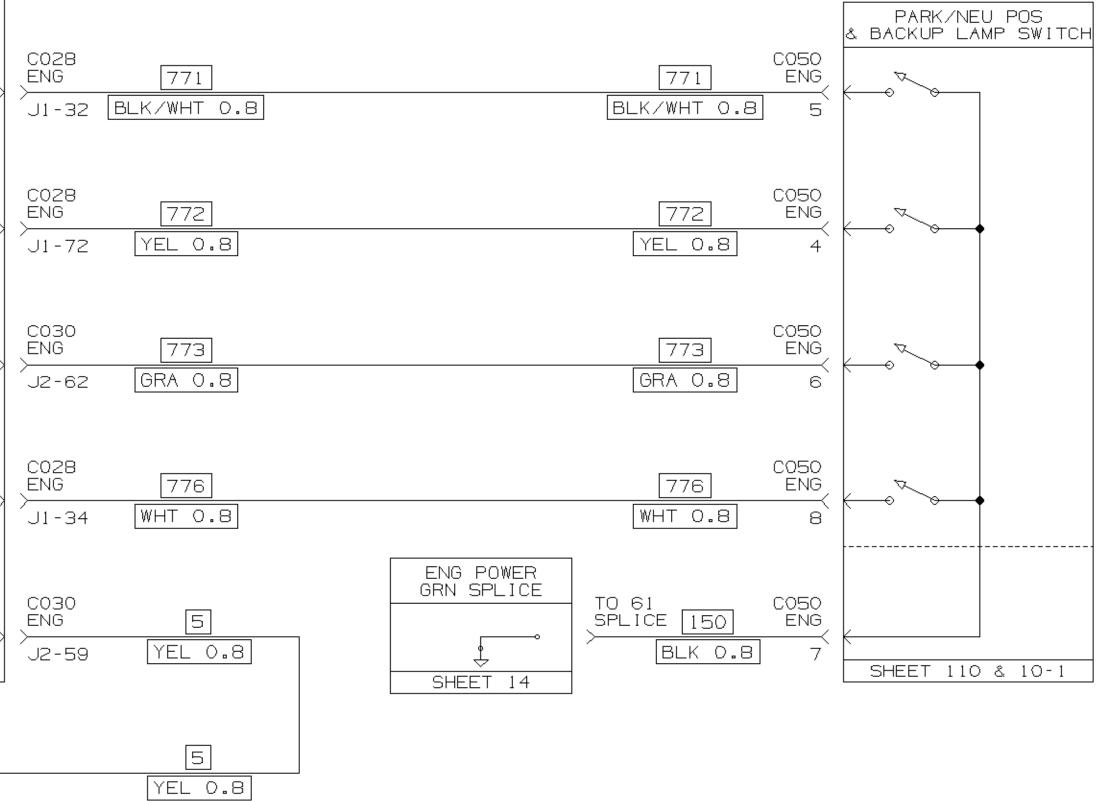
	11	10	9	8	7 🔗 6	5	4
	POWERTRAIN CONTROL MODULE						
⊢	1			TOMATIC NS (MNB)		POWERTR CONTRO MODUL	AIN DL E
				, , COGO ENG MODE A	1224 PNK 0.5	CO30 <u>ENG</u> J2-63 (MODE A	
					1225	СО28 <u>FNG</u> < { моде в	
					DK BLU 0.5	51-17	
G			/77	, CO60 ENG MODE C P	1226 RED 0.5	CO28 <u>ENG</u> J1-18 (MODE C	
					1228 RED/BLK 0.8	СОЗО <u>ENG</u> J2-6 (FM HI	
				J S FORCE > MOTOR CO60		CO30	
				C PWM RL SOL C ENG D C PWM RL SOL ENG	I229 LT BLU/WHT 0.8 HOT IN RU TO	СОЗО <u>ENG</u> (FM LO 	
F	TCC 3	C030 ENG J2-2 BRN 0.5			TO AND CRAN 439 55 SPLICE FUSE #3 PNK 0.8 PCM/TCM	2	
		C030 L ENG [1222]		HIFT A LENOID	SHEET 1		
	SHIFT A	J2-48 [LT GRN 0.8]	A SH	HIFT B LENOID			
	SHIFT B	$\int JZ^{-47} \qquad \qquad$		TEMP ENSOR CO60			
E		C030 ENG J2-51 YEL/BLK 0.8	/ /	$AAV \longrightarrow ENG$	407 407 BLK 0.8 BLK 0.8	C028 ENG J1-53 <	
			Ç250	C255			
) HI IDLE	CO28 ENG 534 CO02 ENG 1/P J1-31 DK GRN 0.5 A2 A2 DK	C210 I/P 534 I/P EXTN C3 C3 C250 I/P EXTN C250 I/P EXTN C250 I/P EXTN	534 EXT CONVENTE	NCE		
				SHEET 1	3		
	REDUCED ENG PWR						
C							
	LOW COOLANT LEVEL	>					
B	3						
A							
	11	10	9	8	/ () 6		4

3	2	1	
			H
			G
			F
			E
			\diamond
			D
			С
			B
3	2005	: 07MAY04 WORKHORSE (P32L18) POWERTRAIN 6461 SHEET #020 PAGE 3 OF 6	A

		1 1		10		C	9		8
	HOT IN RUN AND CRANK FUSE #32 PCM/TCM-1 SHEET 10	TO 55 Splice (PN	439 IK 0.8		39 0.8	CO28 ENG J1-19	P (IGN 1	OWERTR CONTRO MODUL ENGIN	
	HOT IN RUN AND CRANK FUSE #32 PCM/TCM-1 SHEET 10	TO 55 SPLICE (PN	439 IK 0.8		39	CO28 ENG J1-25	<	ENGIN	E SPEED >
G	HOT AT ALL TIMES FUSE #27 PCM/TCM-BAT SHEET 10	TO 29 SPLICE (OF	440 G 0.8		40	CO28 ENG J1-20	k vbatt		SIGNAL >
	HOT AT ALL TIMES FUSE #27 PCM/TCM-BAT SHEET 10		440 G 0.8		40	CO28 ENG J1-57	ς νβάττι		SIGNAL >
									OIL LVL >
E	DPEN WITH BRAKE PEDAL DEPRESSED BRAKE 	TO 21 SPLICE [420 1 0.5		20	C028 ENG J1-33	K BRAKE	NC	
\diamond	SECONDARY HIGH PRESS SW ON 20-22 PSI OFF 12 PSI SHEET 31	C109 ENG [B DK B	604 3LU 0.8		04 _U 0.8	CO30 ENG JZ-11	K FAN CI	ONTROL	PRDNL A >
	A/C COMPRESSOR REFRIGERANT PRESSURE SW V NORMAL: OPEN CUT-OUT AT 2-9 PSI CUT-IN AT 22-32 PSI SHEET 60	C118 ENG [A DK 0	603 GRN 0.8		03 RN 0.8	CO30 ENG J2-55	K A/C PI Cyc si	WITCH	PRDNL B >
C	A/C COMPRESSOR HIGH PRESSURE CUTOFF SWITCH 	TO 136 SPLICE	DK G	762 RN/WHT 0.8		CO30 ENG J2-17	K A/C REQ		PRDNL P)
	200 / 50 PSI SHEET 60 IGN SWITCH HOT IN CRANK	cc 15							CRANK REQ
В	 SHEET 10-2	CO48 I/P A	5 YEL 0.8		S YEL		I		002 NG 3

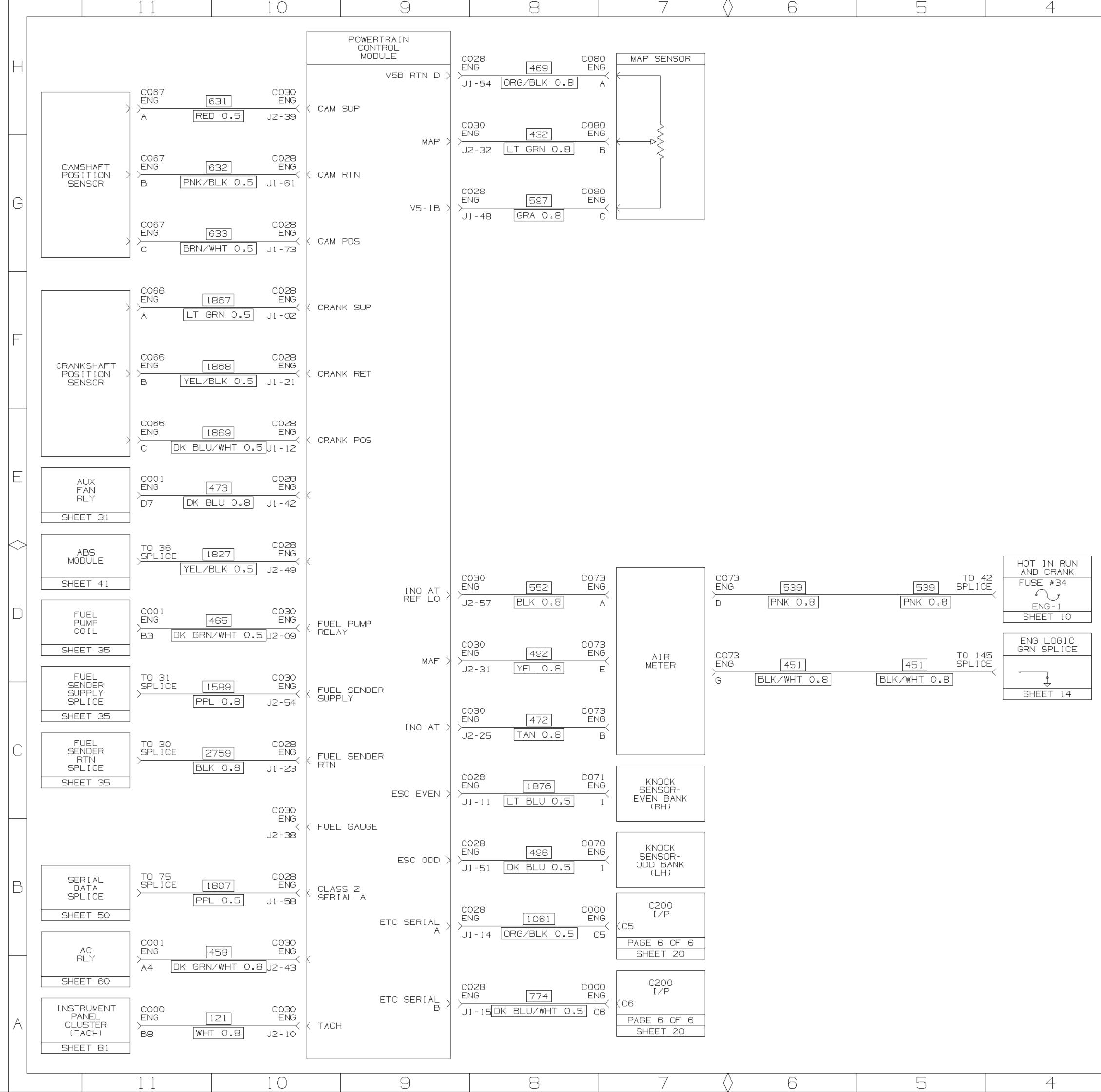






|--|

3	2	1	
		L	
			$\left \left \right \right $
			G
			F
BLOGIC SPLICE			
ET 14-2			
			E
			\bigcirc
			С
			В
		: 07MAY04 Workhorse (P32L18)	
		POWERTRAIN	А
		6461 SHEET #020 PAGE 4 OF 6	
3	2	1	1

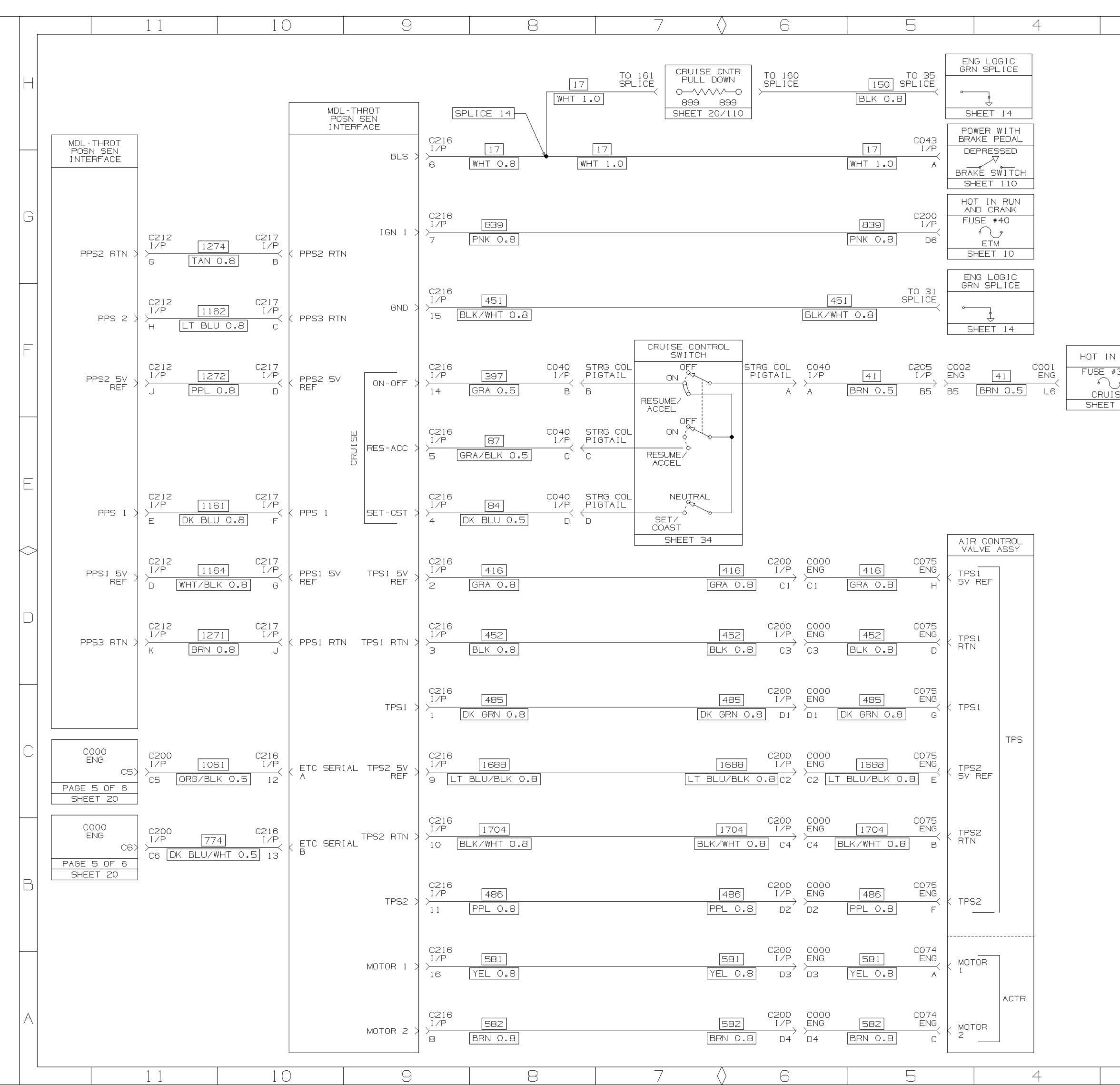


CHASS I S CUSTOM WORKHORSE

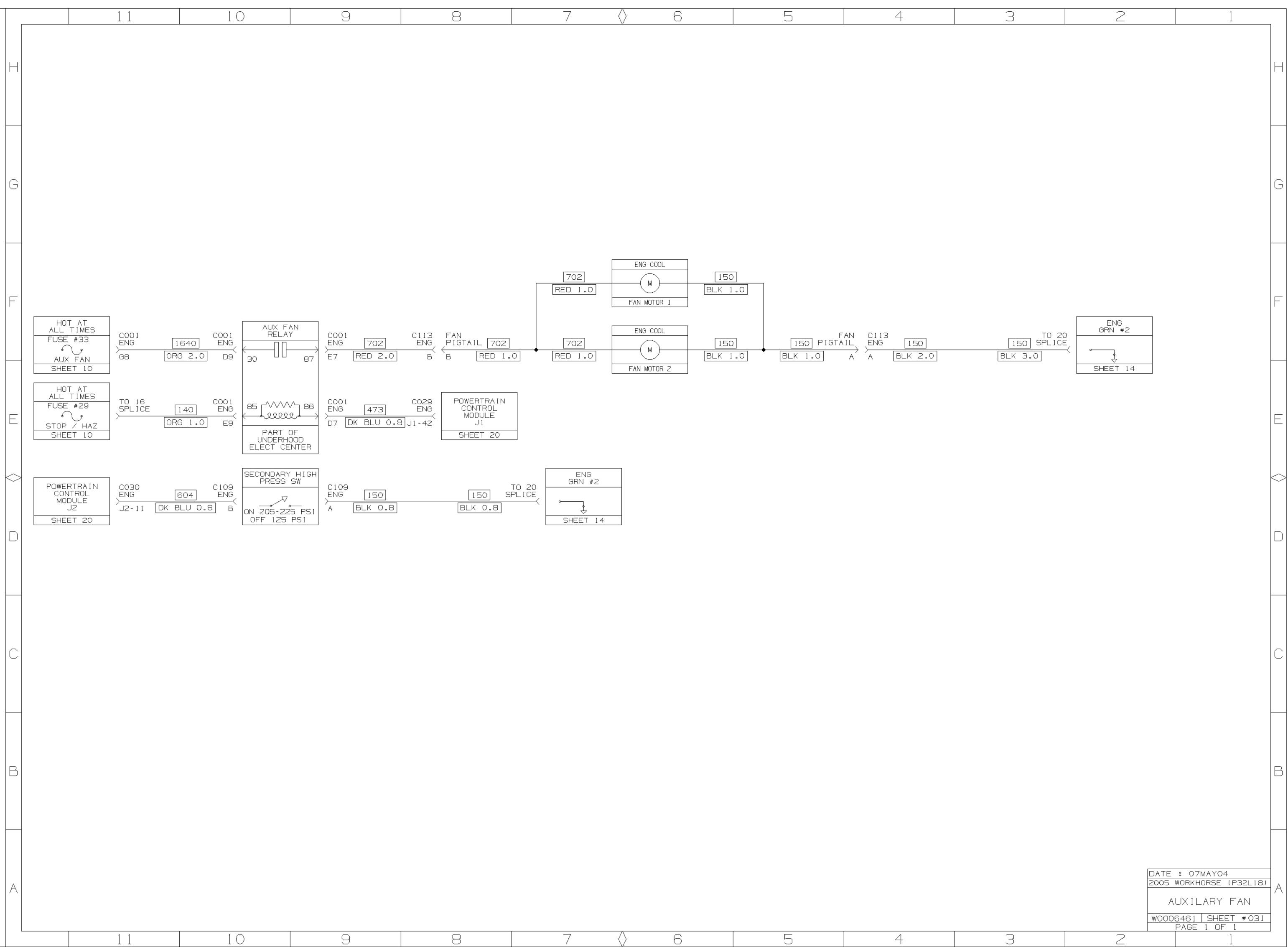
8	7	\diamond	6	5	4

8	7 <	6	IJ	4

3	2	1	
			G
			-
			C
			B
3	2005 W0000	POWERTRAIN	A



3	2	1	
			G
N RUN #38 _^ SE 			F
			E
			D
			С
			B
3	2	DATE : 07MAYO4 2005 WORKHORSE (1 POWERTRA) W0006461 SHEE1 PAGE 6 OF	IN F #020
_			

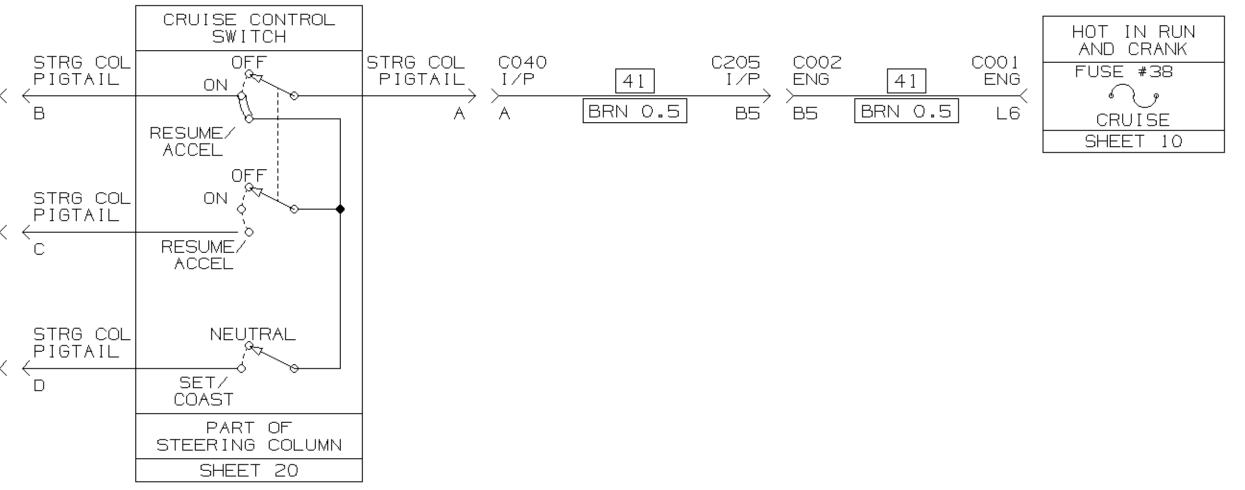


CUSTOM CHASSIS WORKHORSE

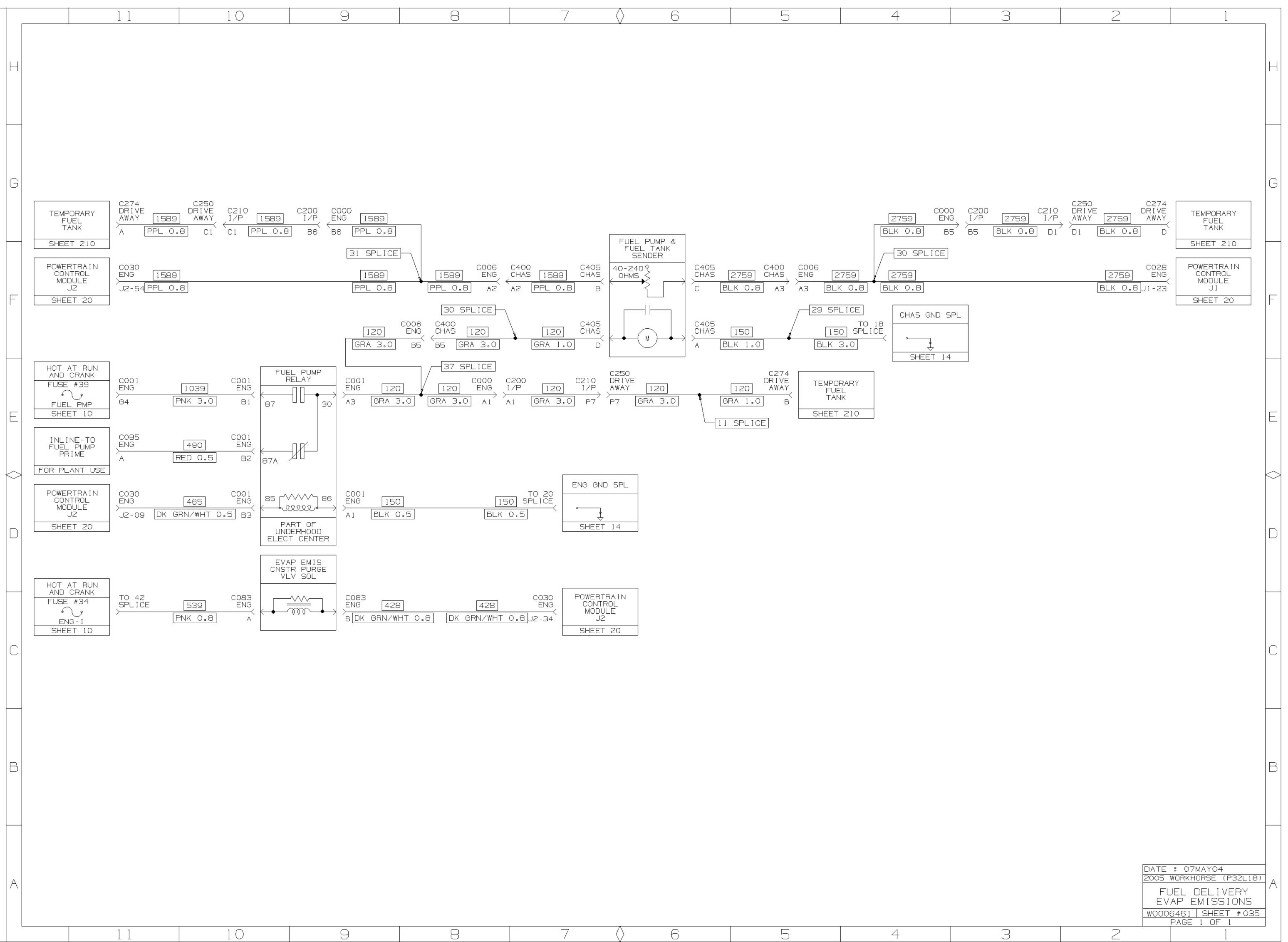
g	7 (5	4
	/ \	/ 0	J	

	1	1	1 (\frown							Л	
				9						5	4	
G												
F				C216 I/P N-OFF > > 14 (C216 I/P	<u>GRA 0.5</u> B	STRG COL PIGTAIL B RESU ACC		STRG COL CO40 PIGTAIL I/P A A	C205 41 I/F BRN 0.5 B5	\rightarrow \rightarrow $_$		HOT IN RUN AND CRANK FUSE #38 CRUISE SHEET 10
E			SI	$ \begin{array}{c c} \text{ES-ACC} & \searrow \\ 5 & GR \\ \hline 6 \\ \hline 7 \\ \hline 7 \\ \hline 4 & DK \\ \hline 6 \\ \hline 7 \\ \hline 4 & DK \\ \hline 7 \\ \hline \hline 7 \\ \hline 7 \\ \hline 7 \\ $	A/BLK 0.5 C	C RES AC STRG COL PIGTAIL D SE CO	NEUTRAL					
			SHEET	20			ERING COLUMN Sheet 20					
С												
B												
A												
	1	1	10	9	8		7	♦ 6		5	4	-

3 / () 6 5 4	



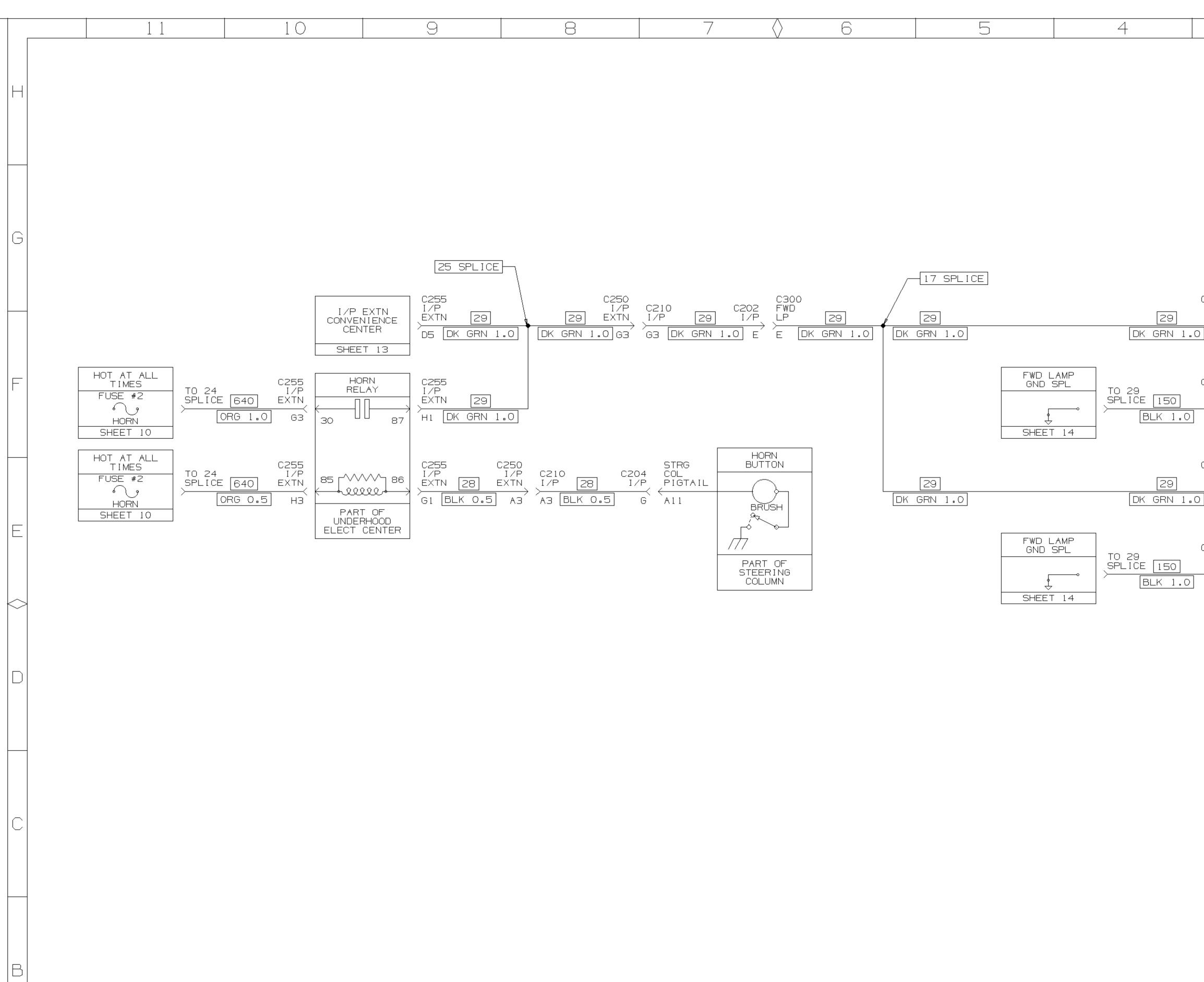
	3	2		1	
					H
					G
RUN					F
8 E 10					E
					\diamond
					D
					С
					В
	3	2	DATE : 07MA 2005 WORKHORS CRUISE (W0006461 S PAGE 1	5 <u>e (p32l18)</u> Control Heet #034	A



CHASSIS CUSTOM WORKHORSE

C030 ENG K GRN/WHT 0.8 J2-34	POWERTRAIN CONTROL MODULE J2
	SHEET 20

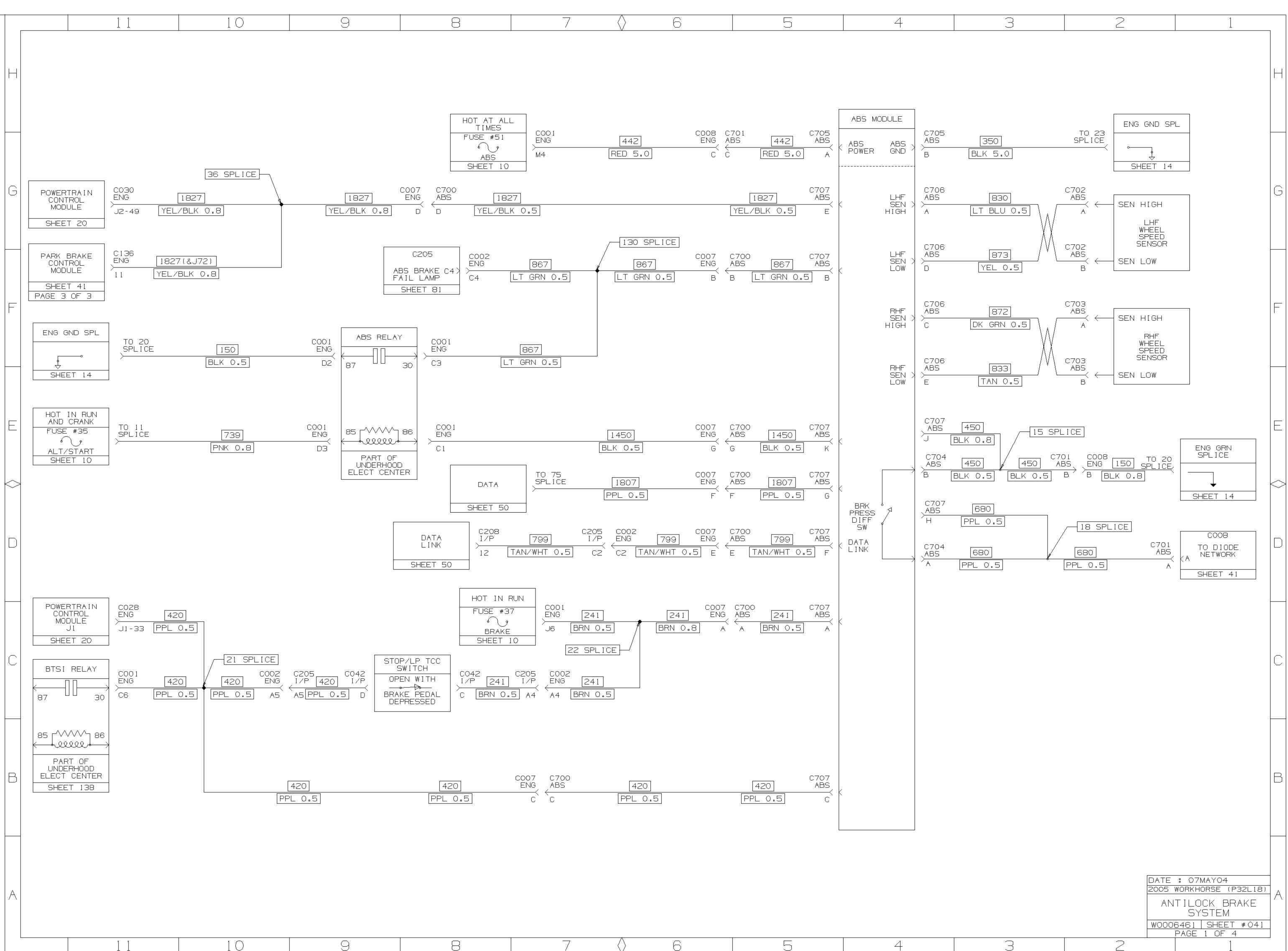
8	7 (6	5	4
\sim 1	/ \	/ 0	\sim	



11 10 9 8

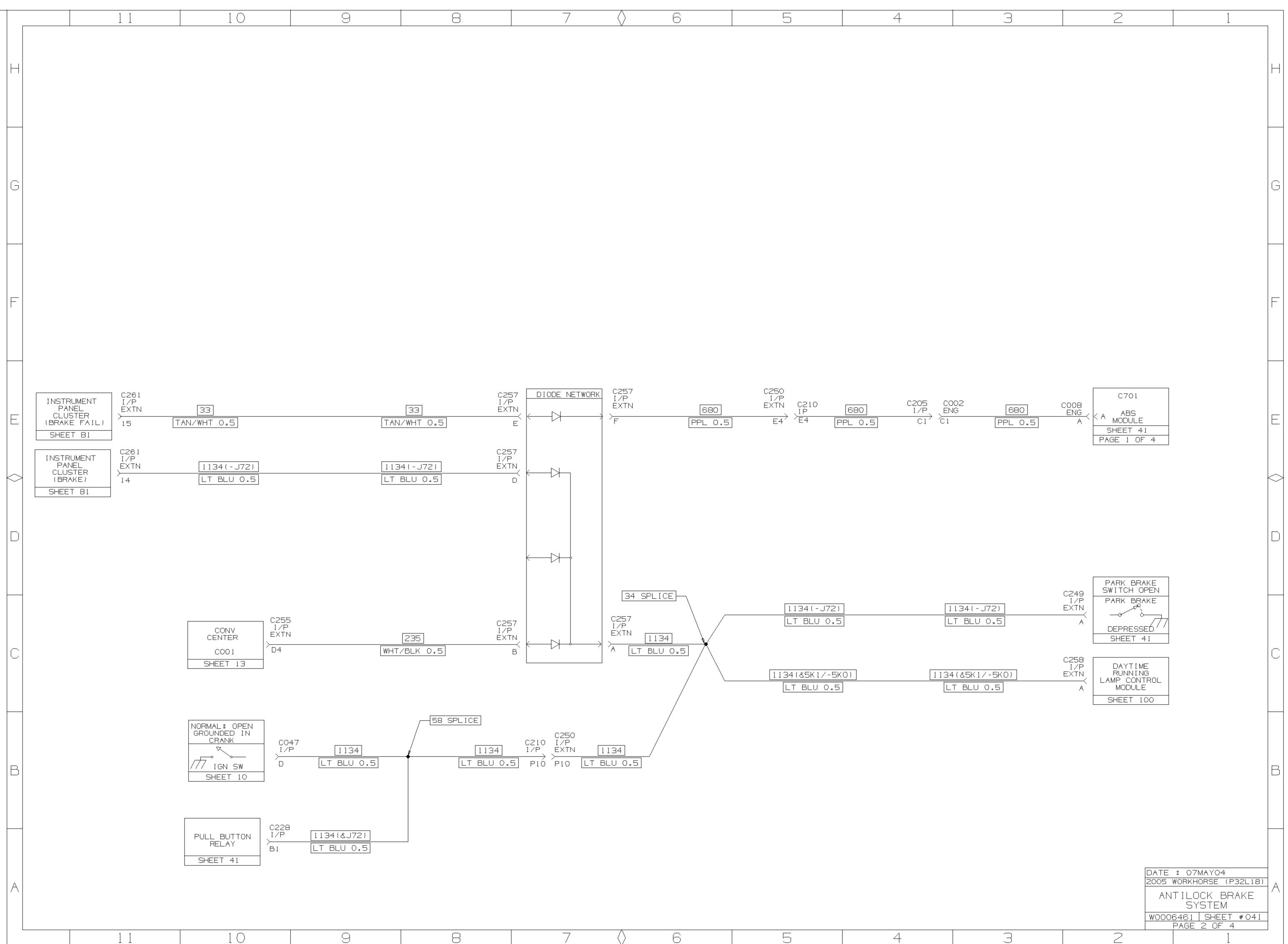
	7 /		1
0	/ /	/ 0	

3	}	2	2	1	
	HORN NOTE 0 HZ)				G
C303 (45 FWD LP O B C303 FWD LP A ///					F
	HORN NOTE 0 HZ)				E
A 777					
					С
					В
	}	2	2005 V W0008	: 07MAYO4 Workhorse (P32L18) HORN <u>6461 Sheet #040</u> PAGE 1 OF 1 1	



CHASS I S CUSTOM WORKHORSE

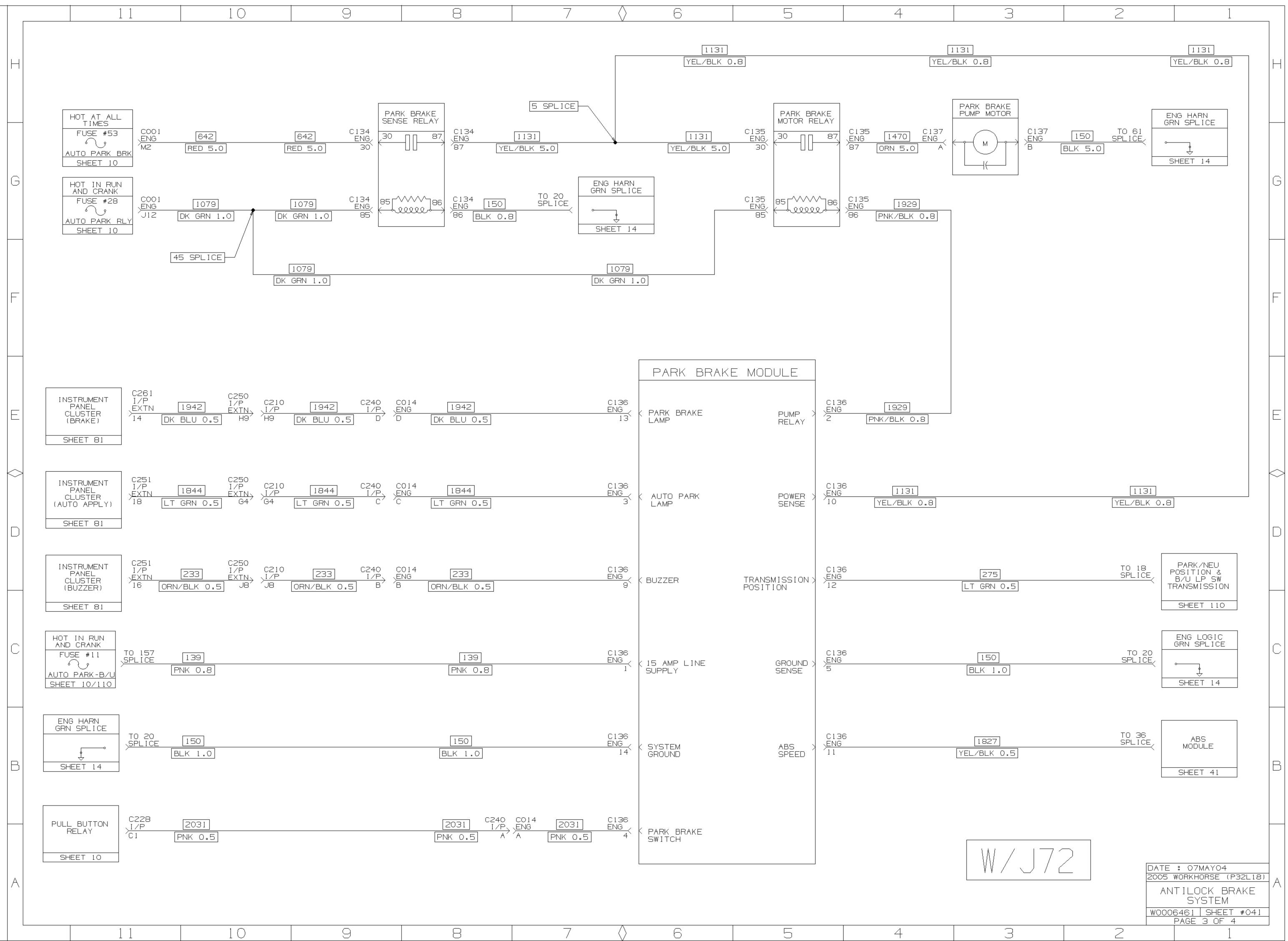
8	7 <	6	5	4



CHASSIS CUSTOM WORKHORSE

}	7 <	> 6	5	4	
---	-----	-----	---	---	--

8	7 <	\rangle 6	LO	4

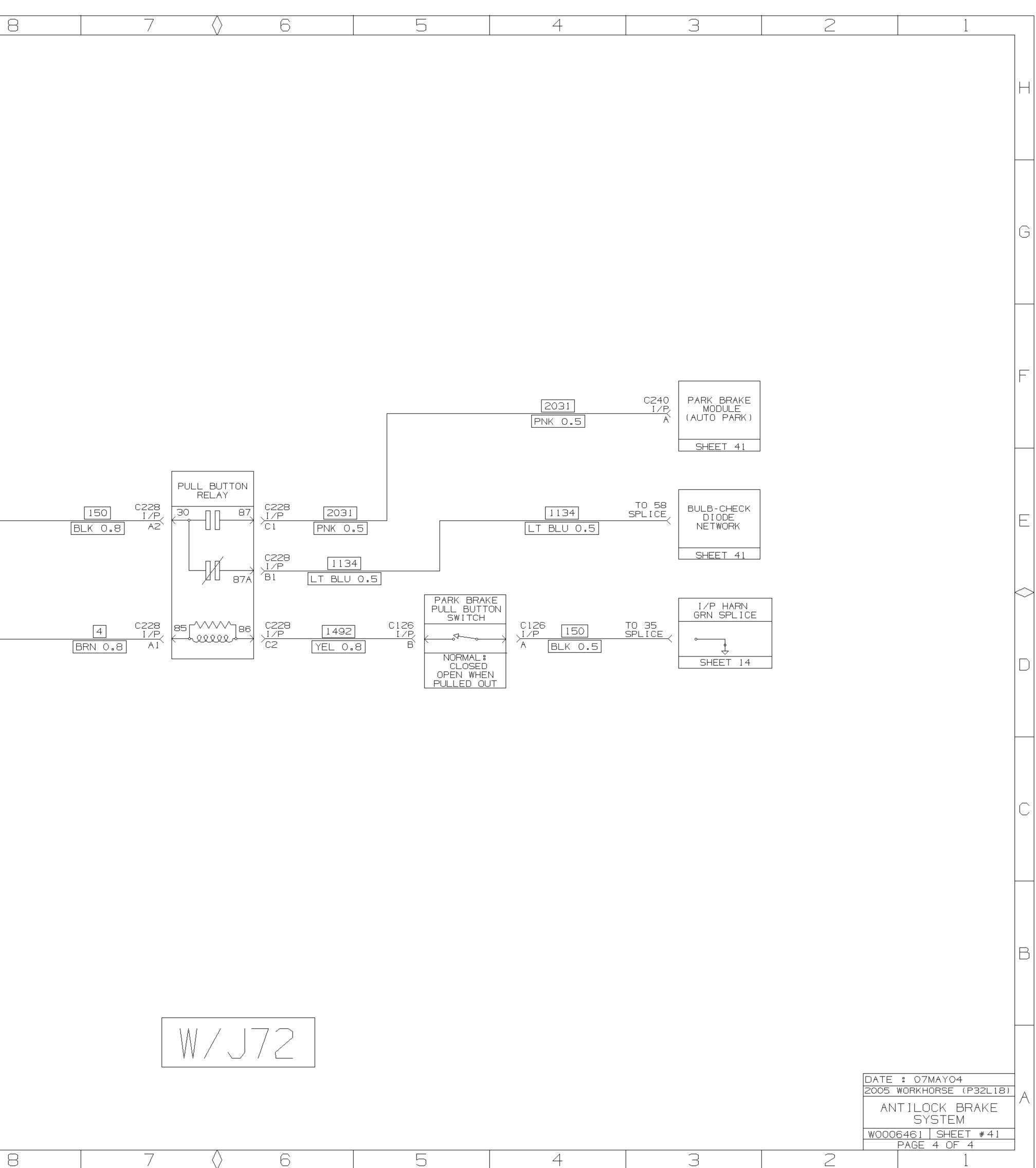


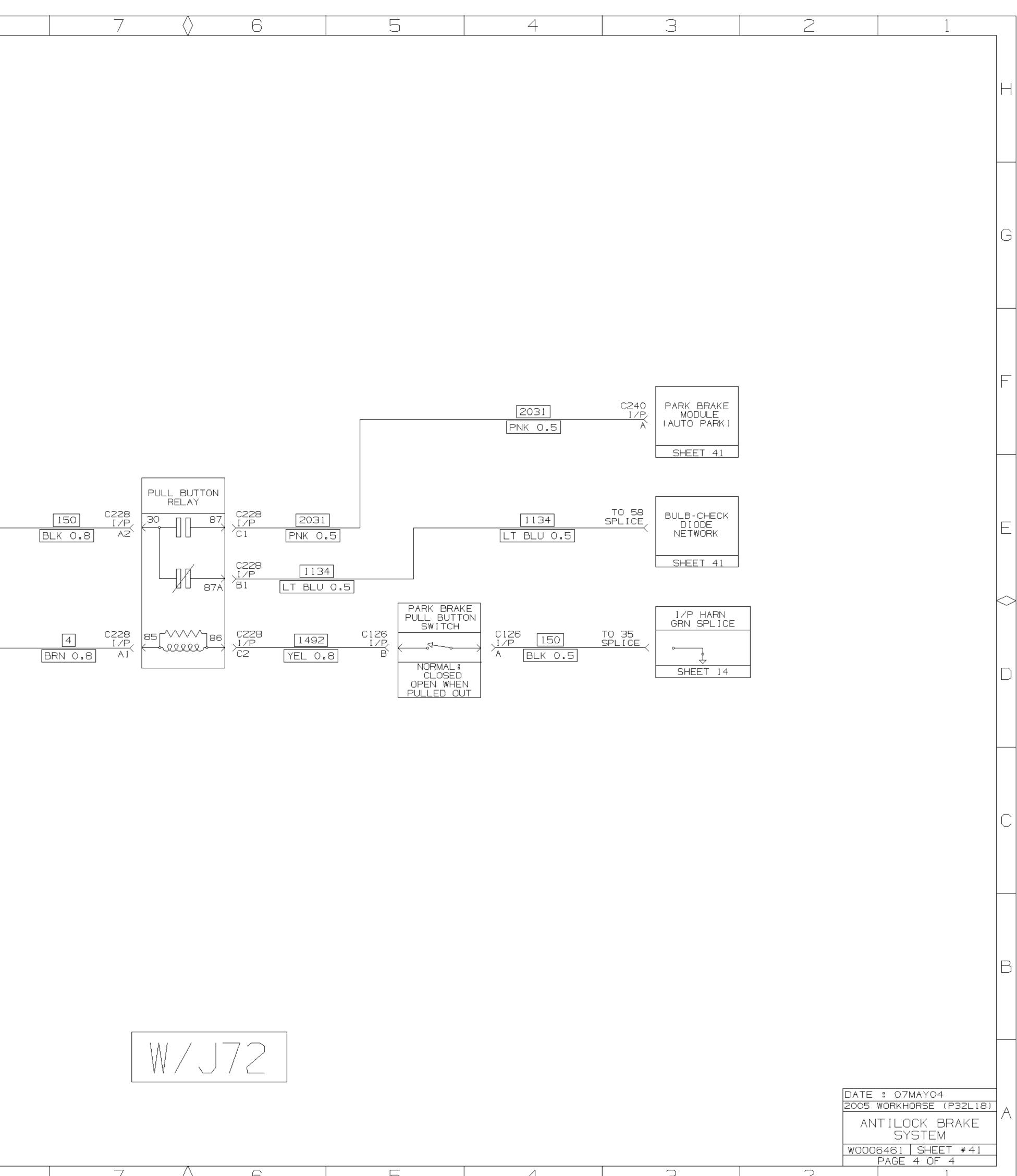
CHASS I S CUSTOM WORKHORSE

8	7 <	\rangle 6	0	4	

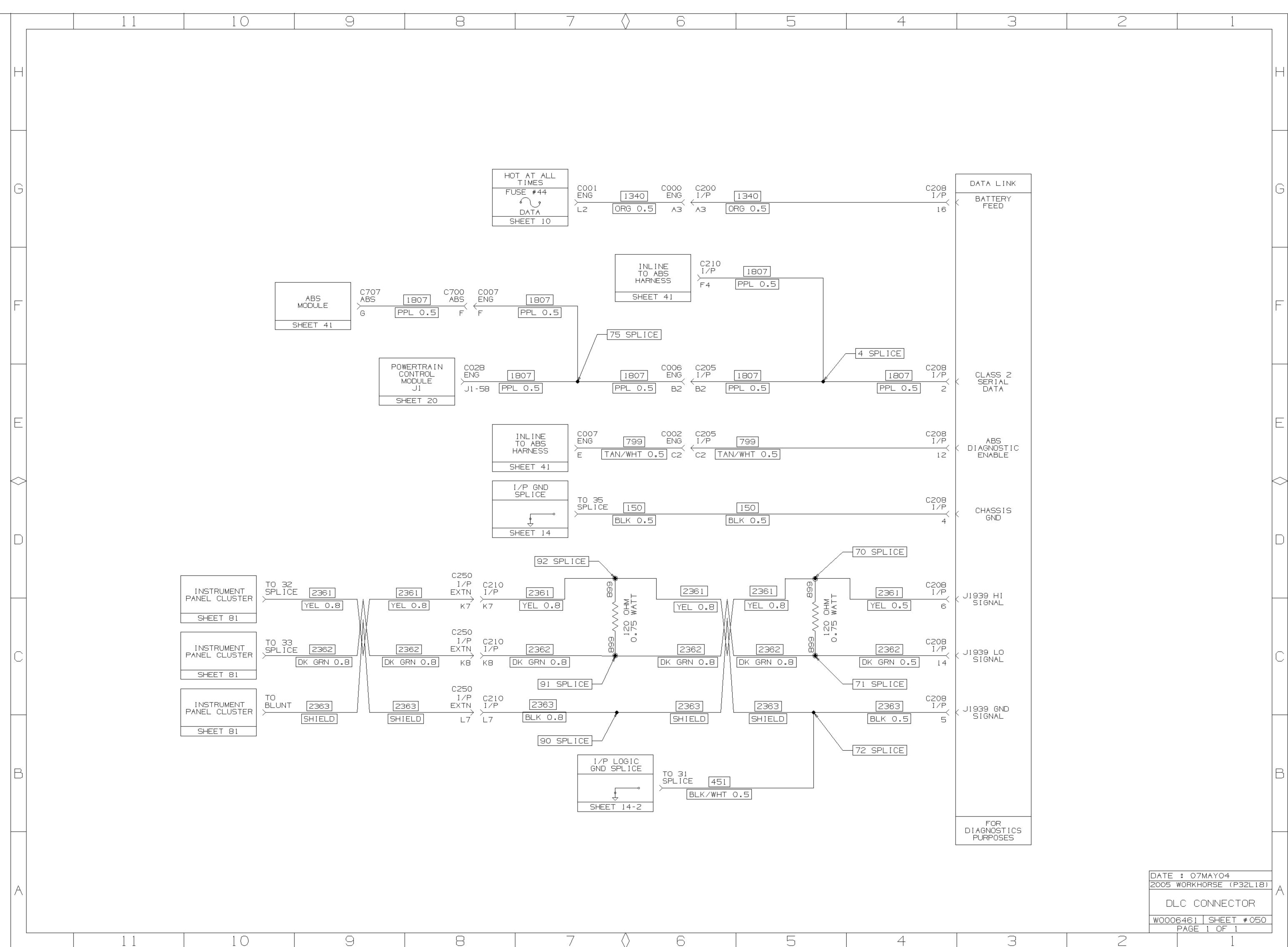
		1 1	10	9	{	3		7	С Е	3	5	4
									v			
	Н											
-												
	G											
	F											
												2031 PNK 0.5
-												
			I/P HARN									
	_		I/P HARN GND SPLICE	TO 35 Splice 150			[150] C:	228 I/P A2	C228	3 [2031]		1134
	E		SHEET 14	BLK 0.8		E	3LK 0.8		11 1/21	PNK 0.5		LT BLU 0.5
											-1	
~	\diamond		NORMAL: CLOSED						U _{87Á} ´B1	LT BLU 0.5	PARK BRAKE PULL BUTTO SWITCH	
			NORMAL: CLOSED HOT IN RUN AND ACCESSORY	TO 57 SPLICE 4			4 C2			1492		C126
	D		IGN SW Sheet 10	BRN 0.8			BRN 0.8	A1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	YEL 0.8	B` NORMAL: CLOSED	1 A BLK 0.5
											NORMAL: CLOSED OPEN WHEN PULLED OUT	-
-												
	С											
-												
	B											
-									/ 17 ~			
									/ 172			
		1 1	10	9	(3		7) F		5	
				\cup				/	V C	/		

CUSTOM CHASSIS WORKHORSE



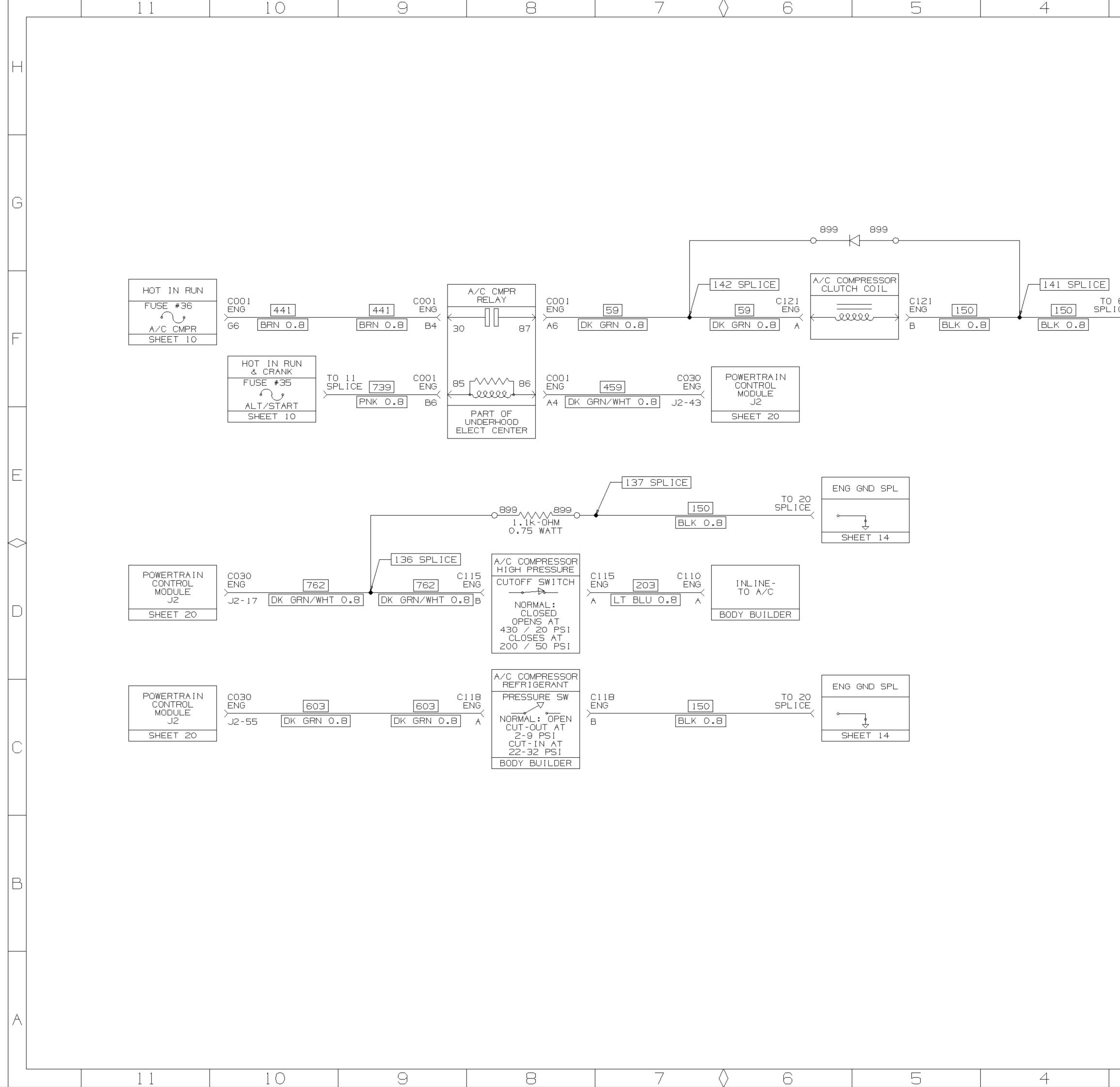






CUSTOM CHASSIS WORKHORSE

7 <	> 6	C)	4

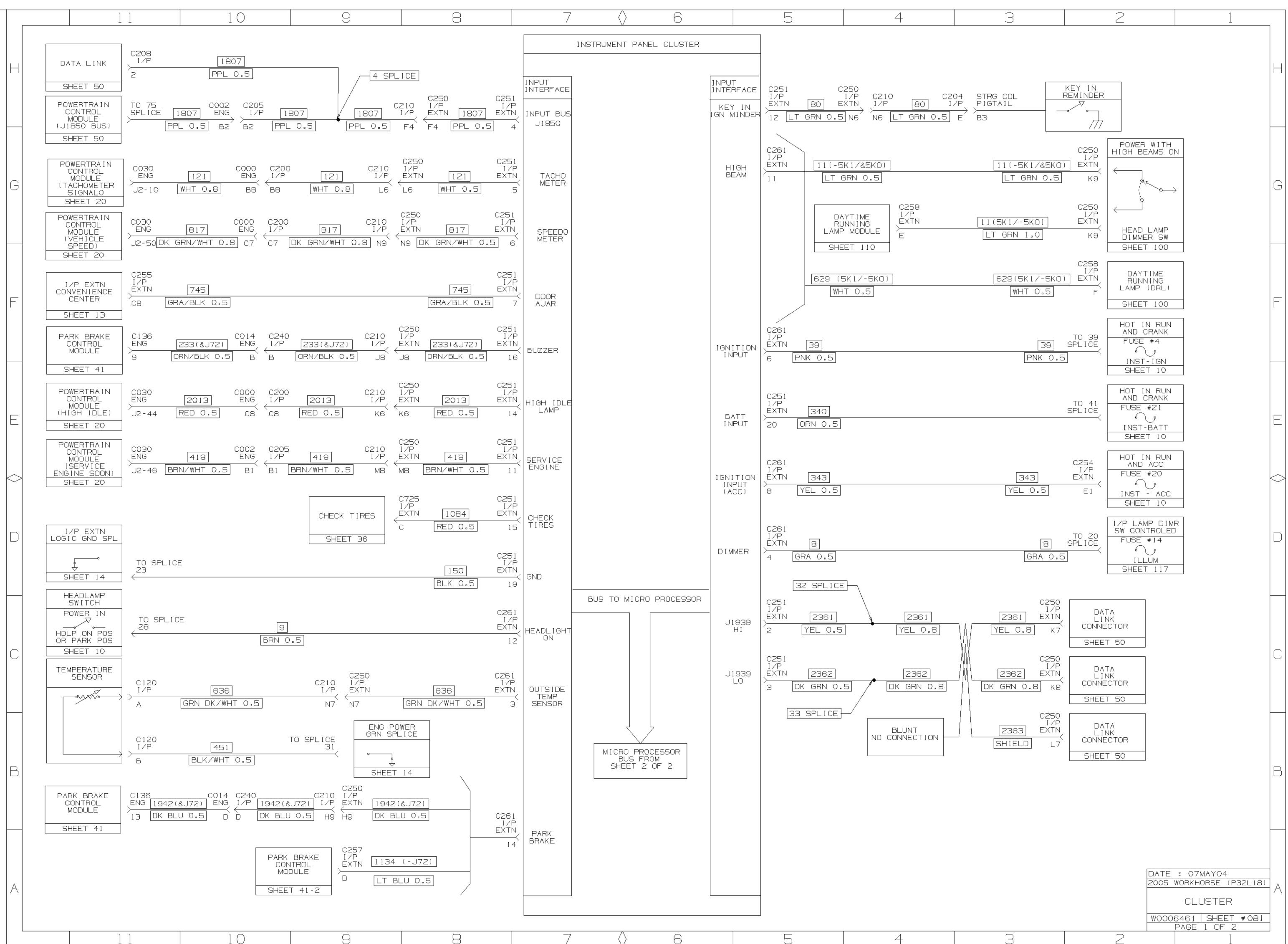


CHASSIS CUSTOM WORKHORSE

m	7 <	\rangle 6	5	4	

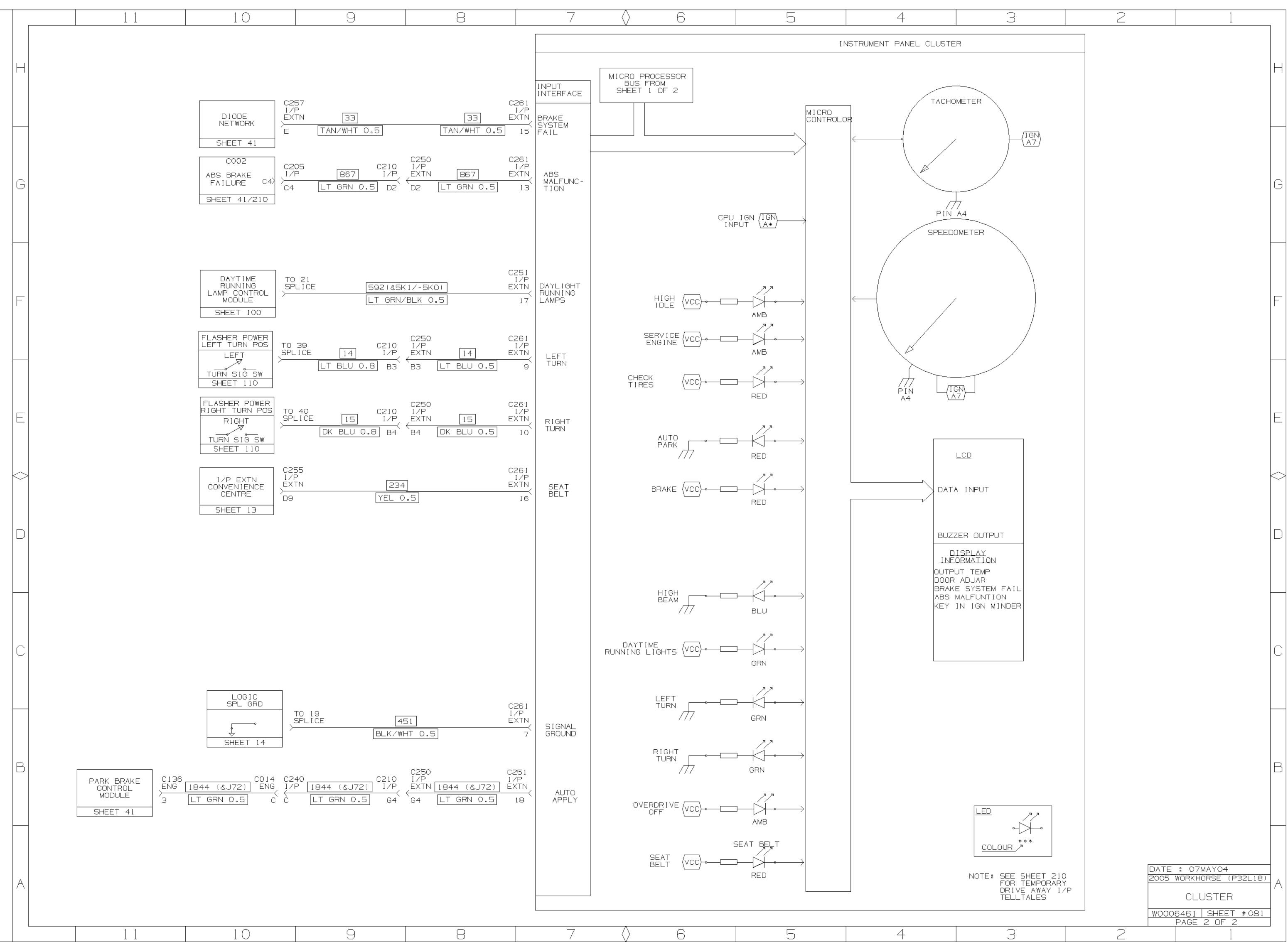
8	7 <	\rangle 6	CJ	4

3	2	1	
		H	
		G	, j
ENG GND SPL		F	
		E	
			>
		C	~
		B]
3	2005	: 07MAY04 WORKHORSE (P32L18) HVAC 06461 SHEET #060 PAGE 1 OF 1 1	-



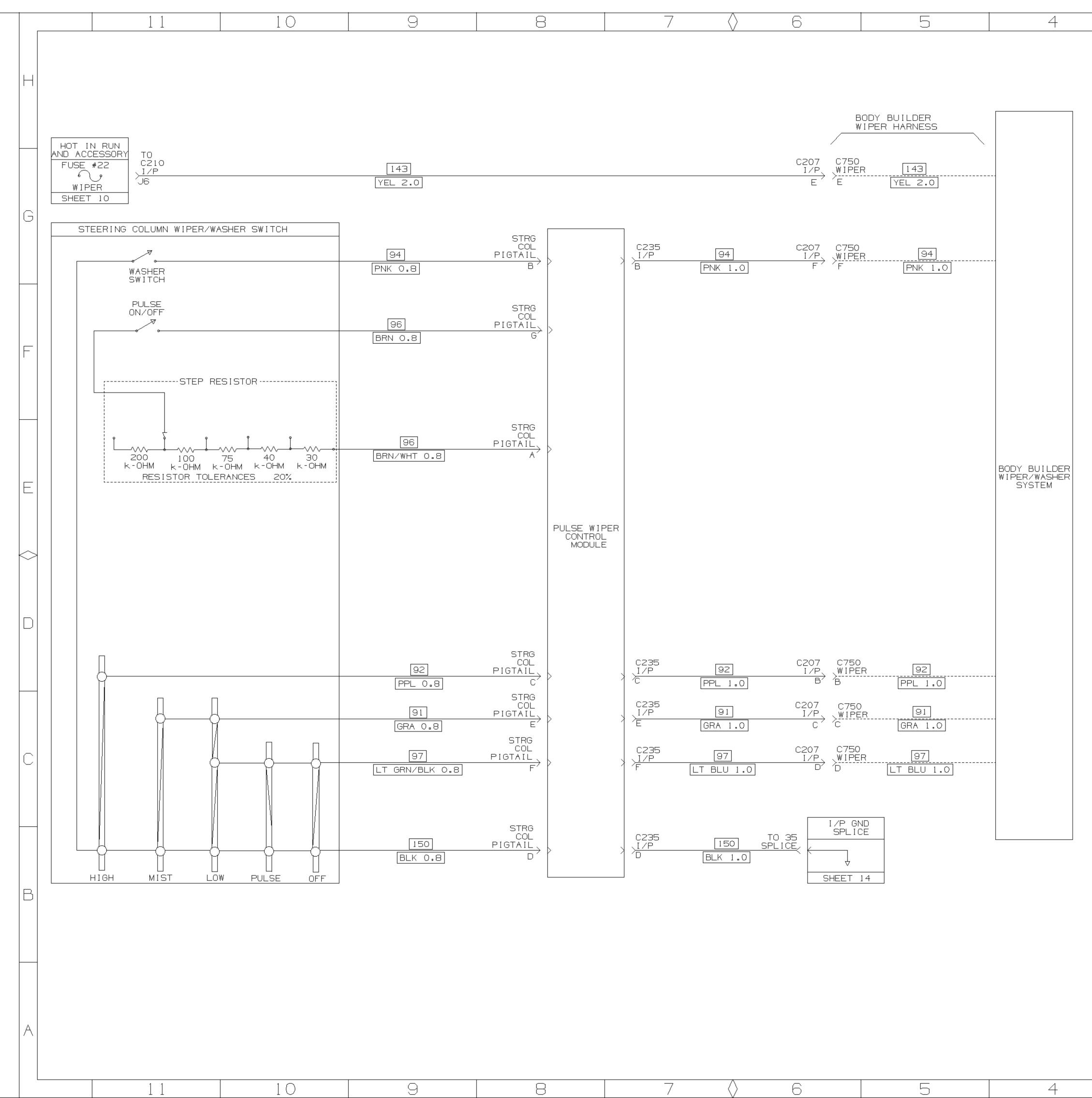
S CHASS I 9 MO UST \bigcirc WORKHORSE

5 8 6 4

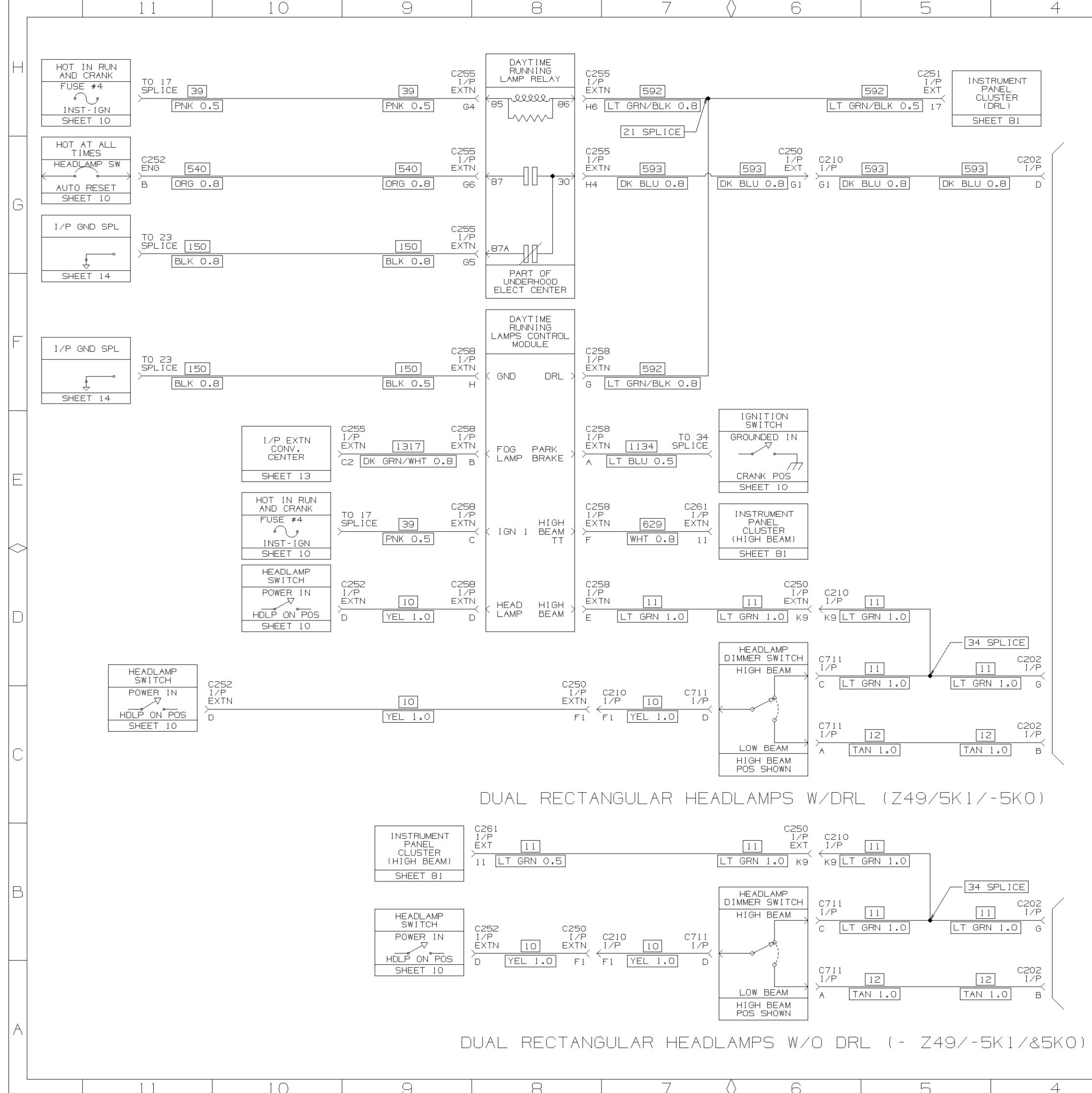


CHASSIS CUSTOM WORKHORSE

3	7 <	6	5	4	



3	2	1
		G
		F
		E
		C
		B
3	2005 W I W000	<u>: 07мачо4</u> Workhorse (рзгія) PER / WASHER System 6461 sheet #091 Page 1 of 1

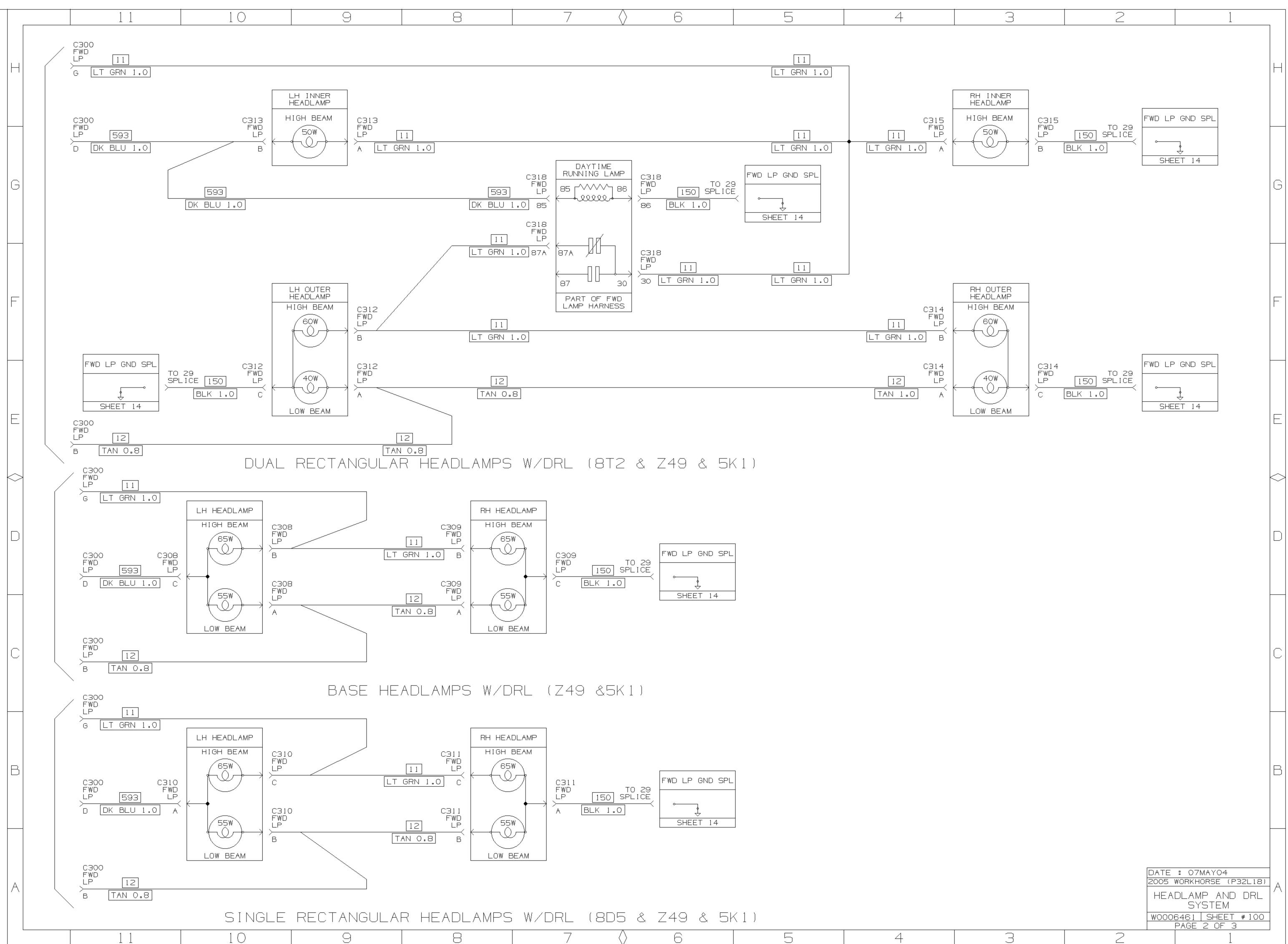


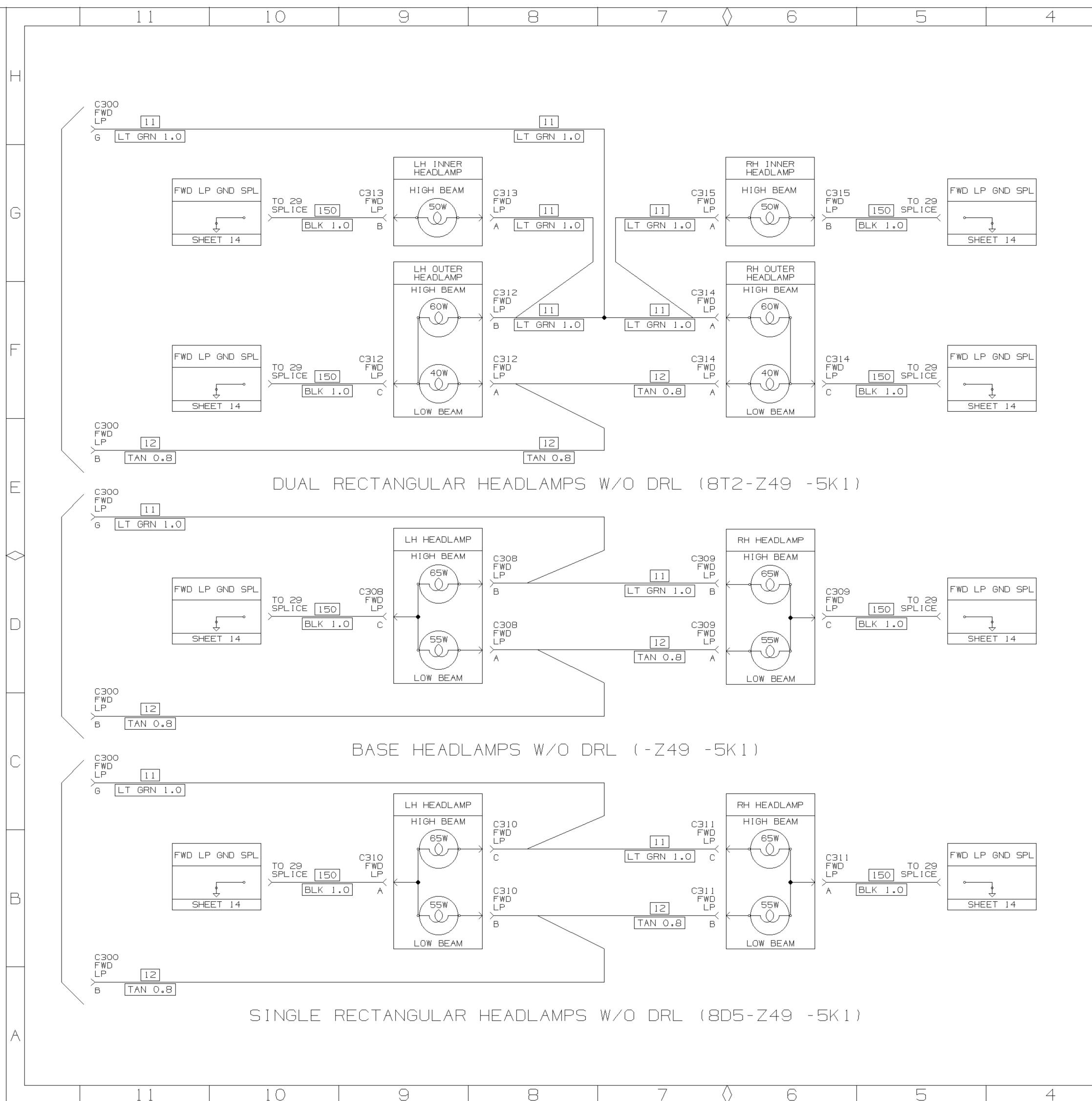
CHASS I S **USTOM** \bigcirc WORKHORSE

9

6 5 8 4

3	2	1	
		F	-
			5
		F	-
		E	-
		<	>
			~
			_
		E	3
	2005	: 07MAY04 Workhorse (p32l18) DLAMP AND DRL	4
		SYSTEM 6461 SHEET # 100 PAGE 1 OF 3	
3	2	1	

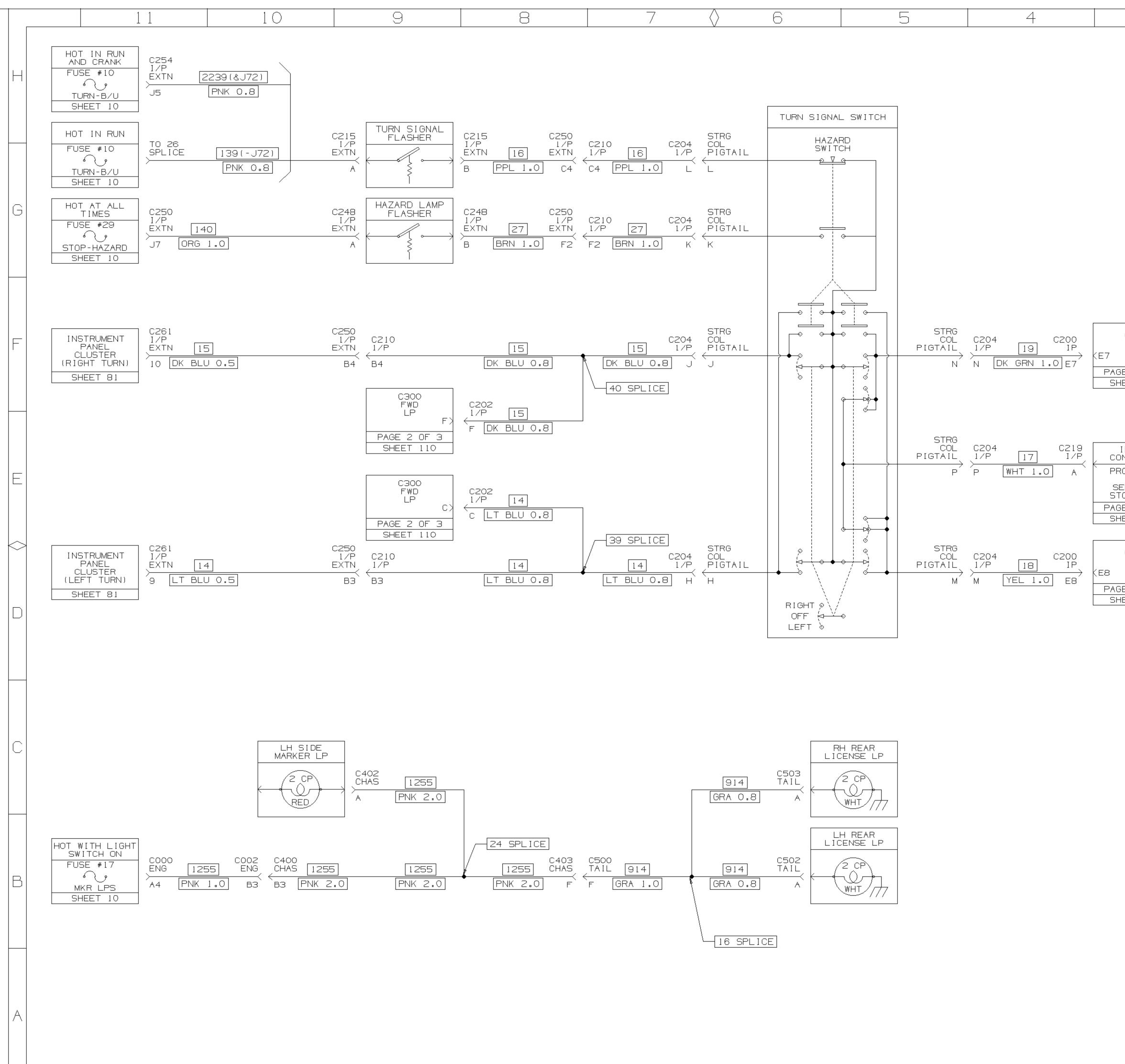




 $|\bigcirc$

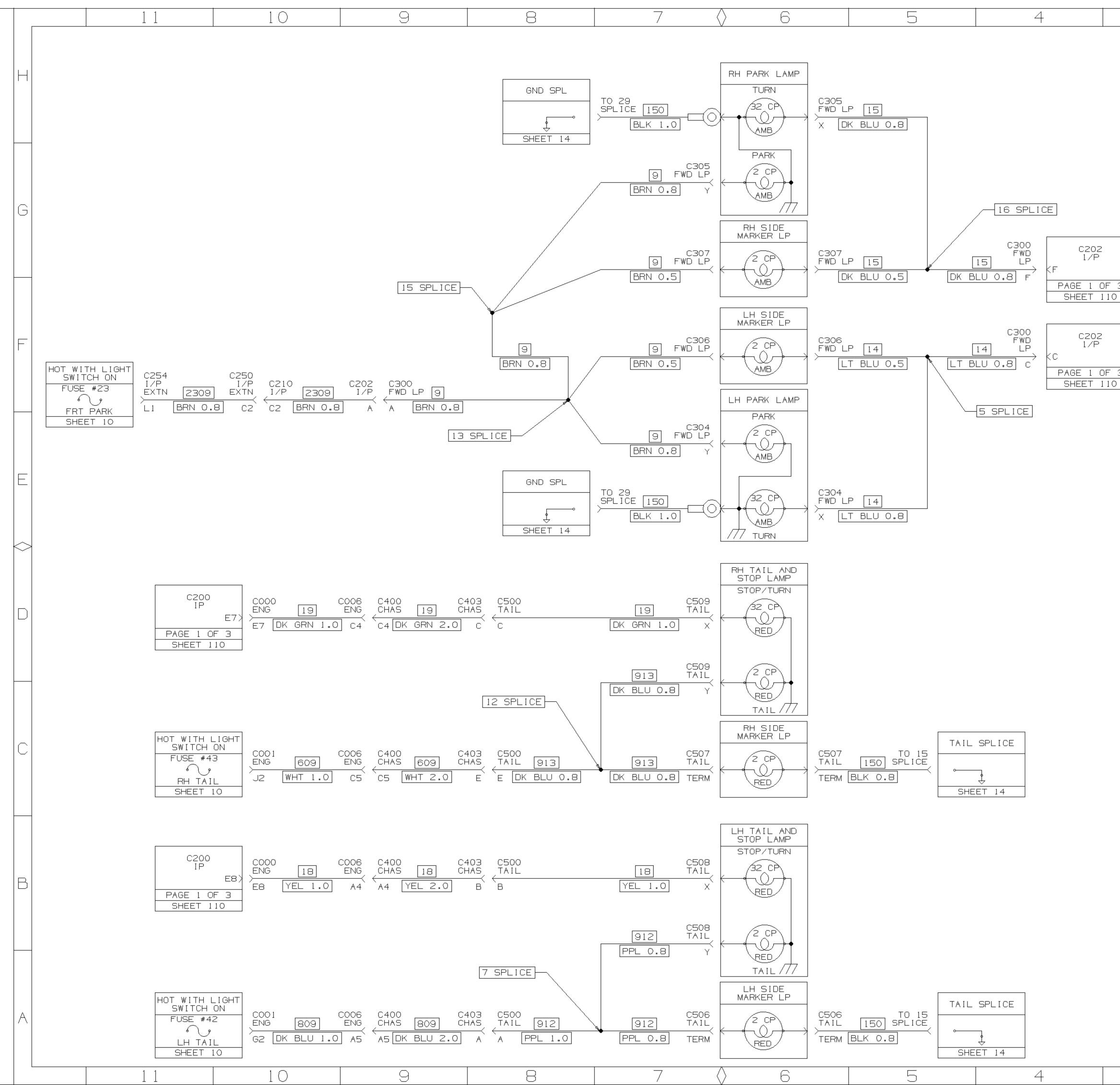
8	7 <	\rangle 6	5	4

3	2	1	
			'
		(G
		F	_
		E	_
		<	>
			_
			$\overline{}$
		E	3
	DATE	: 07MAY04	
	2005	WORKHORSE (P32L18) DLAMP AND DRL	A
		SYSTEM 6461 SHEET # 100	
3	2	PAGE 3 OF 3	

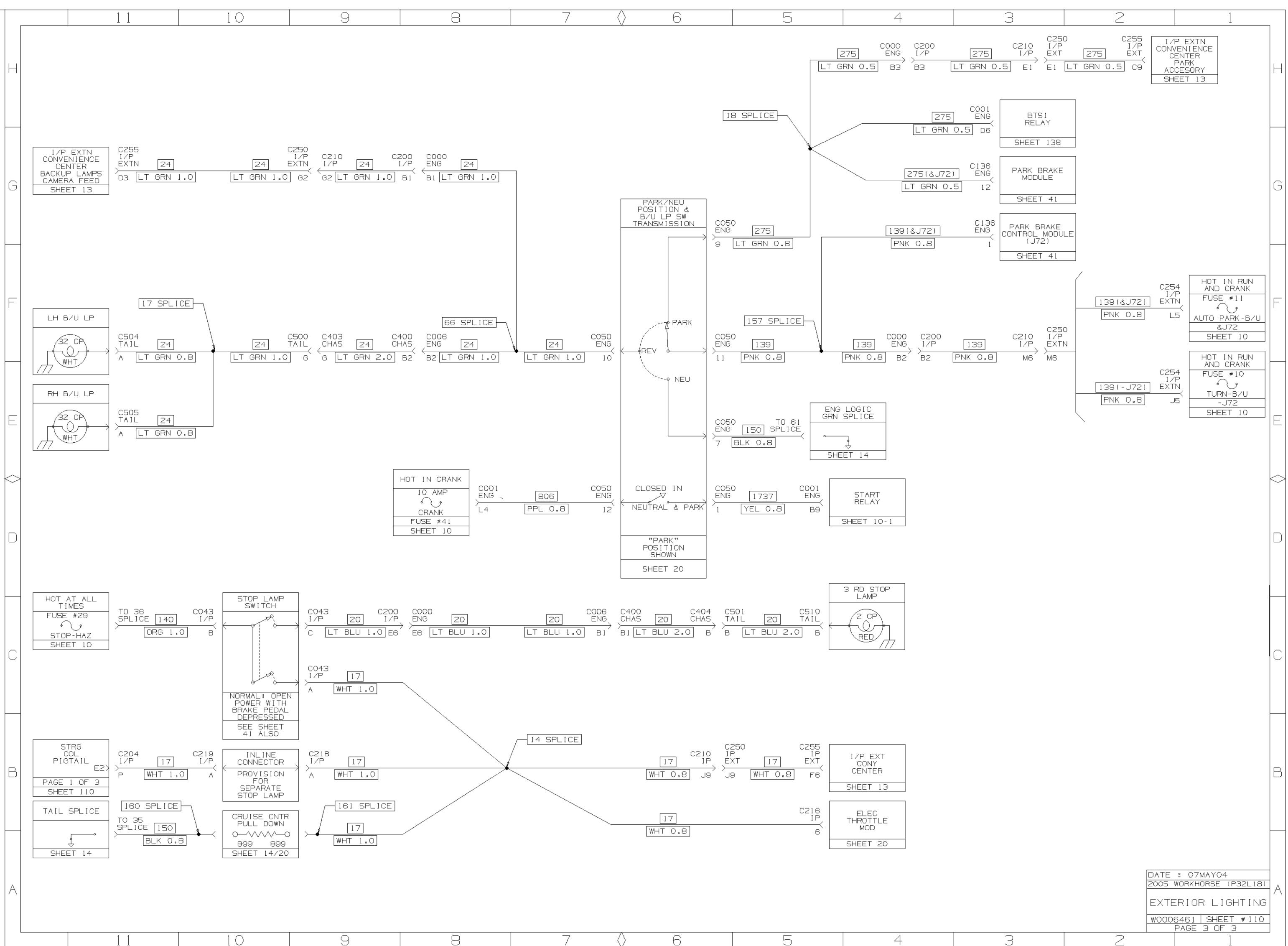


8	7 <	\rangle 6	വ	4

		1	
3	2		
			H
		-	
			G
			\square
		-	
C000			
ENG			F
E7 PAGE 2 OF 3			
SHEET 110			
		-	
INLINE CONNECTOR			
PROVISION FOR			E
SEPARATE STOP LAMP			
PAGE 3 OF 3 Sheet 110			
C000		×	\lhd
ENG E8			
PAGE 2 OF 3			
SHEET 110			
		F	
			C
			B
			_
		-	
		: 07MAY04 Workhorse (P32L18)	
		ERIOR LIGHTING	A
		6461 SHEET #110 PAGE 1 OF 3	
3	2	1	



3	2	1	
			G
3			
			F
3			
			F
			$\left \right\rangle$
			C
	_		
	2	DATE : 07MAY04 2005 Workhorse (P32L18	ΠA
		EXTERIOR LIGHTING	
3	2	PAGE 2 OF 3	



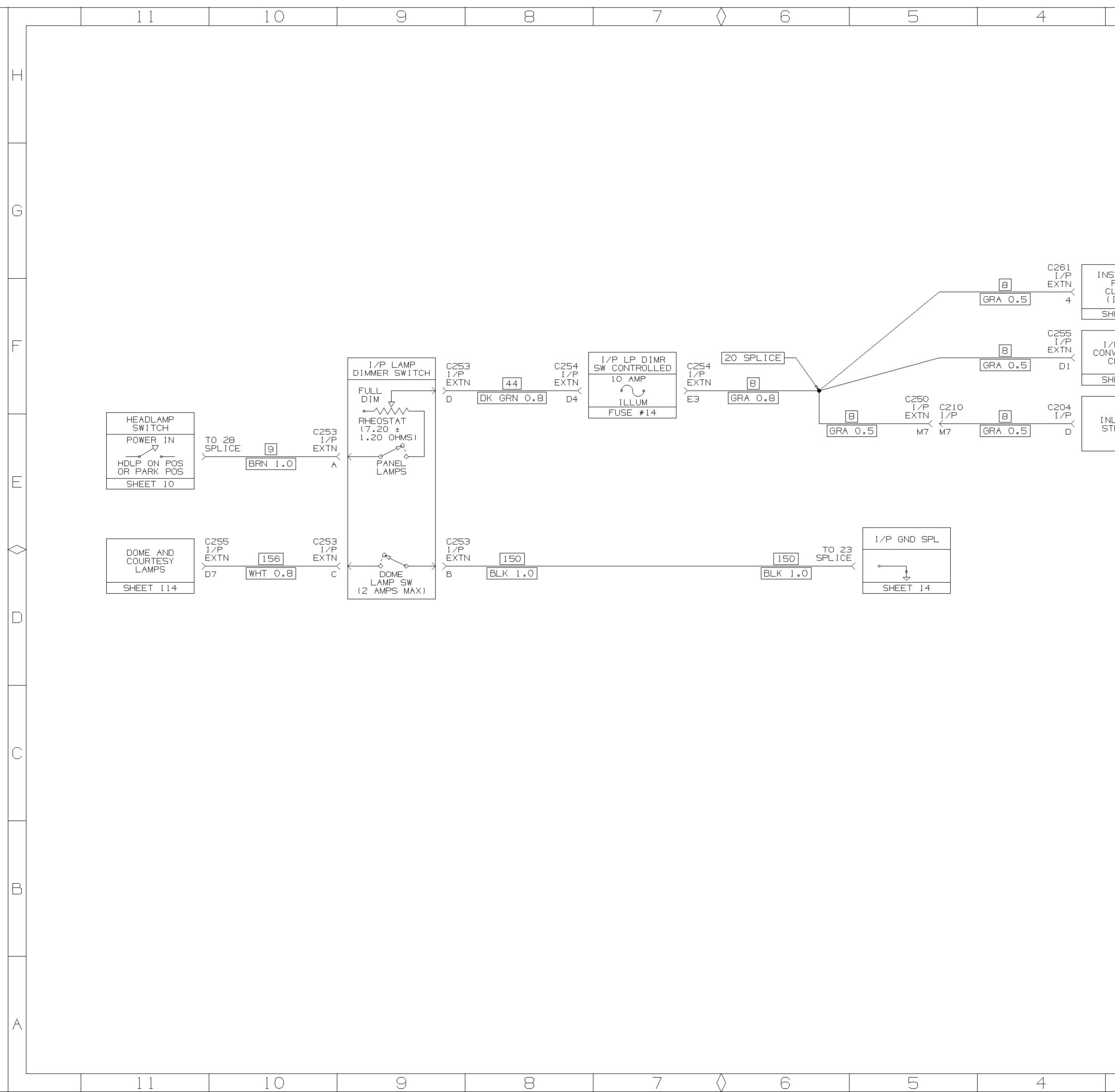
3	7 <	\rangle 6	5	4

		1 1	10	9	8	7	6	5	4
	$\left - \right $								
	G								
_									
	F								
			T AT ALL TIMES C254 I/P JSE #3 EXTN 40	C255 I/P EXTN, CONV.	C255 C 1/P (EXTN [156] E	DOME LAMP SW (PART OF I/P DIMMER SW) EXTN, GROUNDED IN	V C253 I/P EXTN [150]		TO 23
	E		ISE #3 CTSY HEET 10		D7 WHT 0.8	C GROUNDED IN			TO 23 150 SPLICE K 1.0 SHEET
						SHEET 117			
<	\lhd								
	С								
_									
	B								
	A								
		1 1	10	9	8	7	6	5	4

m	7 <	\rangle 6	6	4	

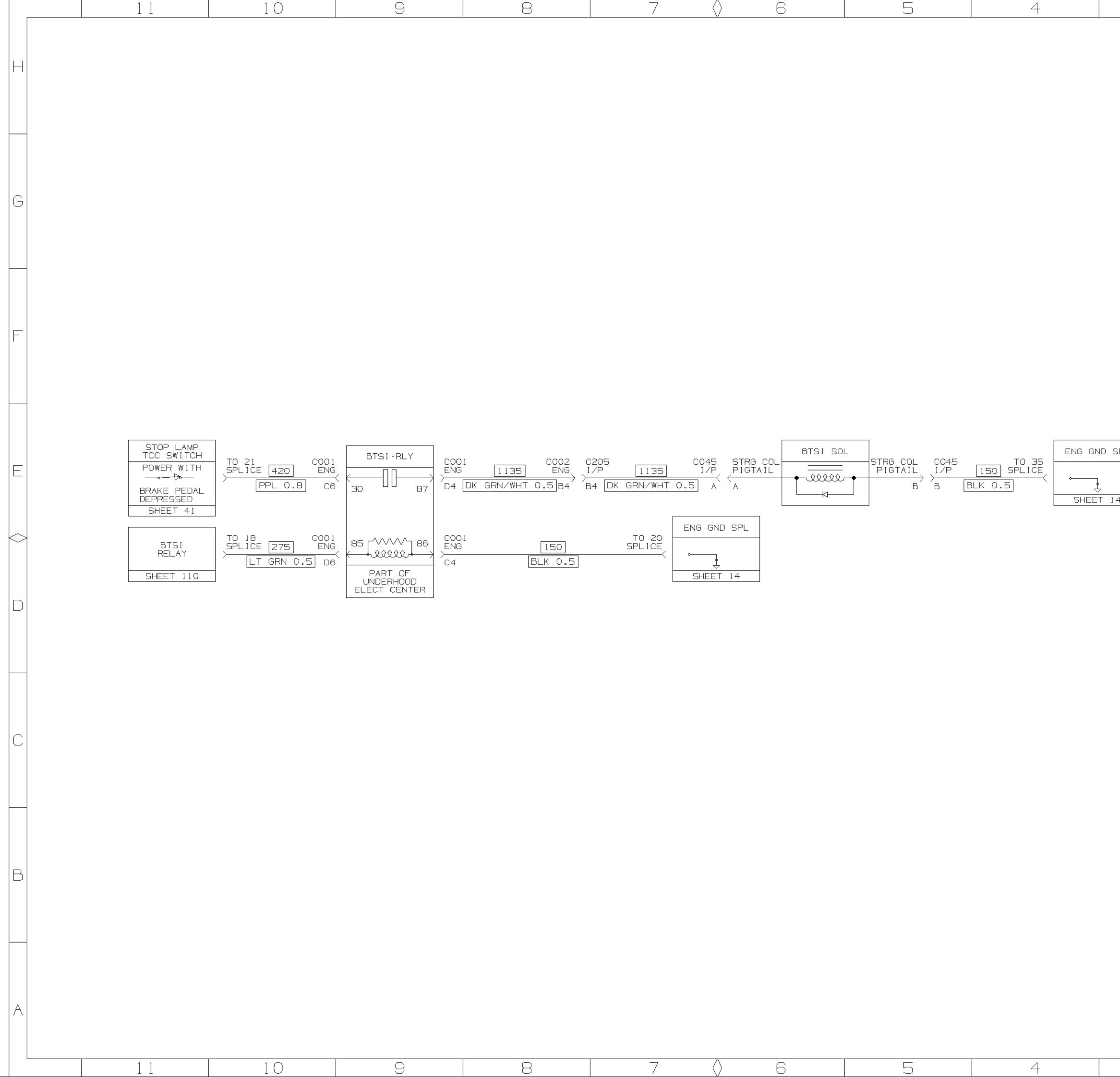


	3	2		1
				G
				F
•	SPL 14			E
				С
				В
	3	2	DATE : 07MAYO4 2005 WORKHORSE INTERIOR LI(WOOO6461 SHEE PAGE 1 OF	GHTING



	/			
8	7 (\rangle 6	5	4

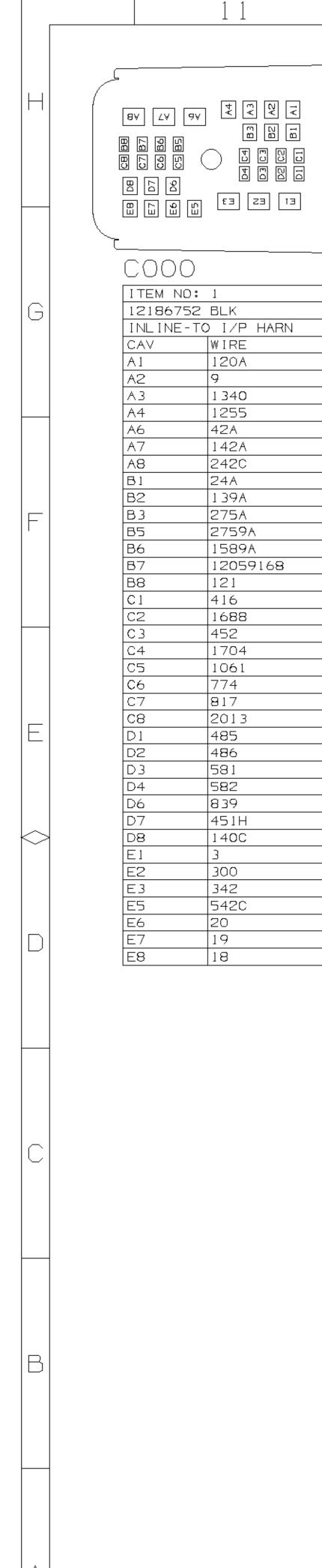
	3	- - -	2			1		
							Н	
							G	
STRUMENT PANEL CLUSTER (ILLUM) HEET 81 /P EXTN VENIENCE CENTER HEET 13							F	
NLINE TO TRG COL							E	
							С	
							B	
	}	-	2	2005 W INST W0006	: 07MAYO4 Vorkhorse Frument DIMMIN(3461 Shee Page 1 Of	(P32L18) PANEL G T #117	A	



m	7 <	\rangle 6	5	4	

8	7 <	\rangle 6	5	4
		V		

3	2	1
		G
		F
5PL 4		E
		C
		B
3	2005 BRAK SH 1 W000	: 07MAYO4 WORKHORSE (P32L18) E TRANSMISSION IFT INTERLOCK 6461 SHEET #138 PAGE 1 OF 1 1



1 1

WIRE

120A

1340

1255

42A

142A

242C

24A

139A

275A

2759A

1589A

121

416

452

1704

1061

774

817

485

486 581

582

839

451H

140C

300

342

542C

20 19

18

3

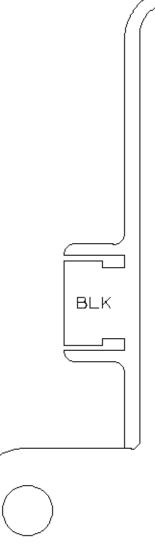
2013

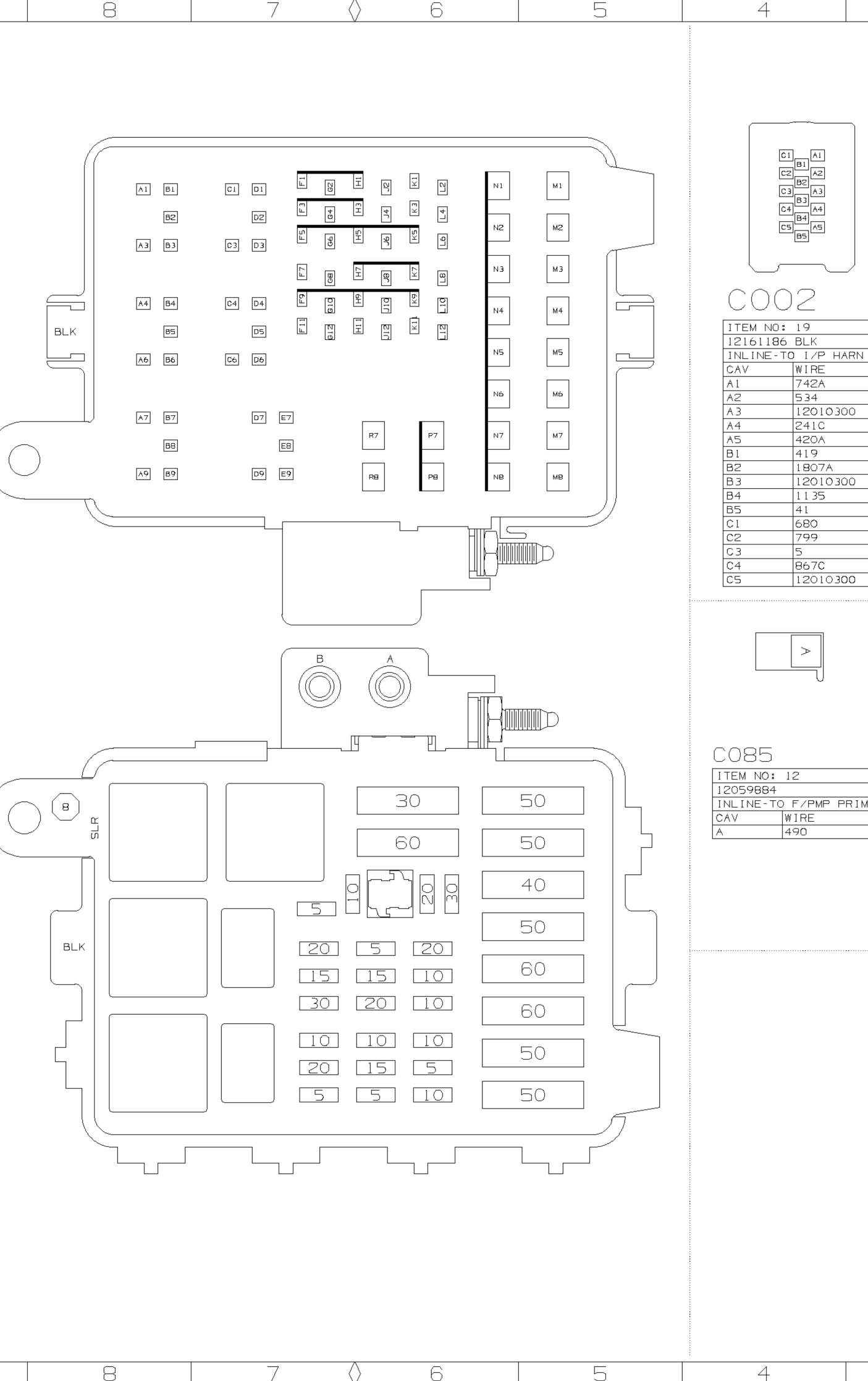
1688

12059168

9

1 ()	
10	
COO 1	
ITEM NO:	8
12146281	BLK
PWR DIST CAV	r blk Wire
Al	150M
A 3	1200
A4 A6	459 59A
А7	447
A9 B1	242B 1039
B2	490
B3	465
B4 B5	441
B6	7 39B
B7	6
<u>В8</u> В9	1737
C1	1 450
C3 C4	867B 150A
C6	420B
D1	
D2 D3	150U 739F
D4	1135
D5 D6	275B
D7	473
D9	1640
E7 E8	702
E9	140A
F1 F3	9 222.30
F 3 F 5 F 7	300
F7	542B
F9 F11	2223E 742B
G2	809
G4 G6	1039 441
G8	1640
G10 G12	239A 440A
H1	
НЗ	
H5 H7	222.3B
Н9	
H11	22236
J2	609
J2 J4	839
J4 J6	839 241A
J4 J6 J8 J10	839 241A 539A 339A
J4 J6 J8 J10 J12	839 241A 539A 339A 1079A
J4 J6 J8 J10 J12 K1	839 241A 539A 339A
J4 J6 J8 J10 J12 K1 K3 K5	839 241A 539A 339A 1079A 42B
J4 J6 J8 J10 J12 K1 K3 K5 K7	839 241A 539A 339A 1079A 42B
J4 J6 J8 J10 J12 K1 K3 K5 K7 K7 K7 K7	839 241A 539A 339A 1079A 42B
J4 J6 J8 J10 J12 K1 K3 K5 K7 K7 K9 K11 L2	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340
J4 J6 J8 J10 J12 K1 K3 K5 K7 K7 K9 K11 L2 L4 L4	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806
J4 J6 J8 J10 J12 K1 K3 K5 K7 K7 K9 K11 L2 L4 L4 L6 L8	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A
J4 J6 J8 J10 J12 K1 K3 K5 K7 K7 K9 K11 L2 L4 L4 L6 L8 L10	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A
J4 J6 J8 J10 J12 K1 K3 K5 K7 K7 K9 K11 L2 L4 L4 L6 L8	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L4 L6 L4 L6 L8 L10 L12 M1 M2	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 742C 642
J4 J6 J8 J10 J12 K1 K3 K5 K7 K7 K9 K11 L2 L4 L6 L8 L10 L12 M1 M2 M3	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 742C 642 542A
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L4 L6 L4 L6 L8 L10 L12 M1 M2	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 742C 642
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L4 L6 L8 L10 L12 M1 M1 M2 M3 M4 M5 M6	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 742C 642 542A 442 342 242A
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L4 L6 L4 L6 L8 L10 L12 M1 M2 M1 M2 M3 M4 M5 M6 M7	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 739A 439A 140B 742C 642 542A 442 342 242A 142C
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L4 L6 L8 L10 L12 M1 M2 M1 M2 M3 M4 M5 M6 M7 M8 N1	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 742C 642 542A 442 342 242A
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L6 L4 L6 L8 L10 L12 M1 M2 M1 M2 M3 M4 M5 M4 M5 M6 M7 M8 N1 N2	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 739A 439A 140B 742C 642 542A 442 342 242A 142C
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L4 L6 L8 L10 L12 M1 M2 M3 M4 M3 M4 M5 M6 M7 M8 N1	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 739A 439A 140B 742C 642 542A 442 342 242A 142C
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L2 L4 L6 L4 L6 L8 L10 L12 M1 M2 M1 M2 M3 M4 M5 M4 M5 M6 M7 M8 N1 N2 N1 N2 N3 N4 N3	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 739A 439A 140B 742C 642 542A 442 342 242A 142C
J4 J6 J8 J10 J12 K1 K3 K5 K7 K9 K11 L2 L4 L4 L6 L4 L6 L8 L10 L12 M1 M2 M3 M4 M3 M4 M5 M4 M5 M6 M7 M8 N1 N2 N3 N4	839 241A 539A 339A 1079A 42B 2223F 2223F 142B 1340 806 41 739A 439A 140B 739A 439A 140B 742C 642 542A 442 342 242A 142C





 \bigcirc WORKHORSE

CHASS I S

USTOM

	3		2		1
	IT 12	 	AS HARN		
N	A2 A3 A4 A5 B1 B2 B3 B4 B5 C1 C2 C3	275 18 809 20 245 125 150 120 120 120 120	59C 9 3 55 0W		
	C4 C5	19 609 000 017			
ME	· –	V WIF	RE 059168 5		
				ENG H CONNECT	RSE (P32L18) ARNESS OR FACES SHEET #202

2

G

З

		11			9	
	$\frown \frown \frown$			\frown		
	COZ	28		СО	30	
	ITEM N	10: 3 10 NAT		ITEM N	NO: 2 110 NAT	
	MDL-PC	WERTRAIN CONT	-	MDL-PC	DWERTRAIN CONT	_
	- J1 CAV	WIRE	_	- J2 CAV	WIRE	_
	1	451A 1867	-	1 2	451C 418	_
	3	1746	_	3		_
	4	1745	_	4		_
G	6	705	-	6	1228	_
	8		-	8	1229	
	9 10		_	9 10	465	
	11	1876 1869	-	11 12	604	
	13		-	13		
	14	1061 774	-	14	225	_
	16 17	1225	-	16 17	762A	
_	18	1226		18		_
	19 20	4 39B 440C	-	19 20	822HF	
	21 22	1868	-	21 22	821HF 1230BY	
	23	2759B	-	23	1231BY	-
	24 25	451T		24 25	472	ВО 40
	26 27	1667 451R		26 27	2121 2127	
	28			28	2126	$=$ $\begin{bmatrix} 1 \\ 2 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8 \\ 8$
_	29 30	1664		29 30	2124	- 88
_	31 32	534 771		31 32	492 432	
	33	420E	- 88	33		╡ •88
	34 35	776	- 88	34 35	428	
\rightarrow	36 37	1744 846	_ 88	36 37		Ц <u>(</u> 88
~	38 39	447		38 39	631	$\exists \mid \bigcirc$
	40	451B		40	451E	
	41	473	1 88	41		- 88
	43 44	877 844	- 88•	43 44	459 2013	
	45			45		
	46 47		- 88	46	419 1223	
	48 49	597		48 49	1222 1827A	
	50	10/		50	817	
	51 52	496	40 B0	51 52	1227	
	53 54	407 469	_	53 54	1589B	_
	55			55	603	
	57	440B		57	552	
	58 59	1807B		58 59	332 5	
	60 61	632	-	60 61	2129 2130	_
	62			62	773	
	63 64	2751		63 64	1224	
	65 66	1666	-	65 66	2128	_
	67			67	2122	
	68 69	1665		68 69	2125 2123	
	70 71	1174	-	70 71		
	72	772	-	72	3113	
	73 74	633 410		73 74	3212	
	75 76	4 39D 845	-	75 76	23	_
	77 78	878		77 78		
	79			79		
A	80	720		80		

10

1 1

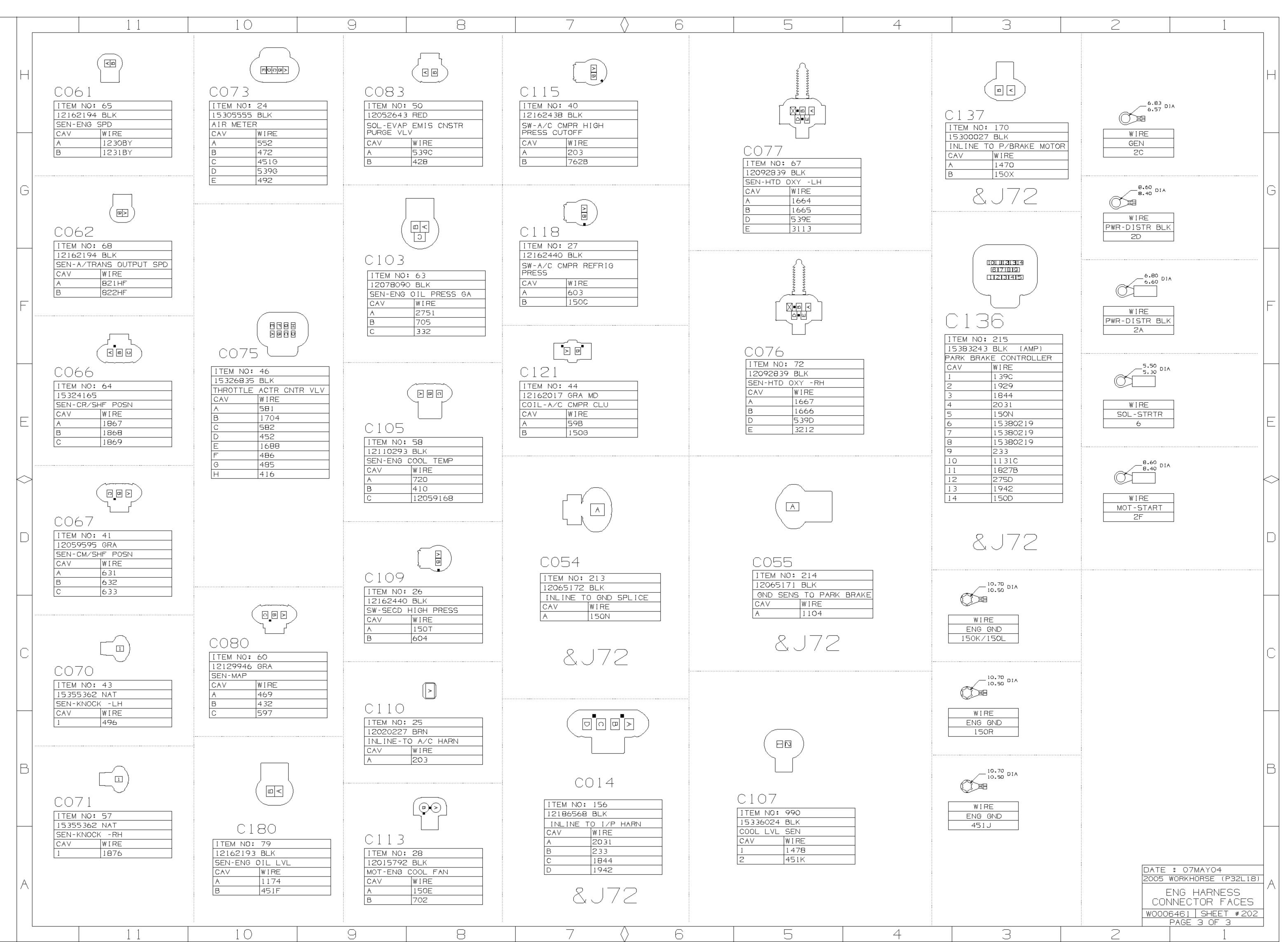
WORKHORSE CUSTOM CHASSIS

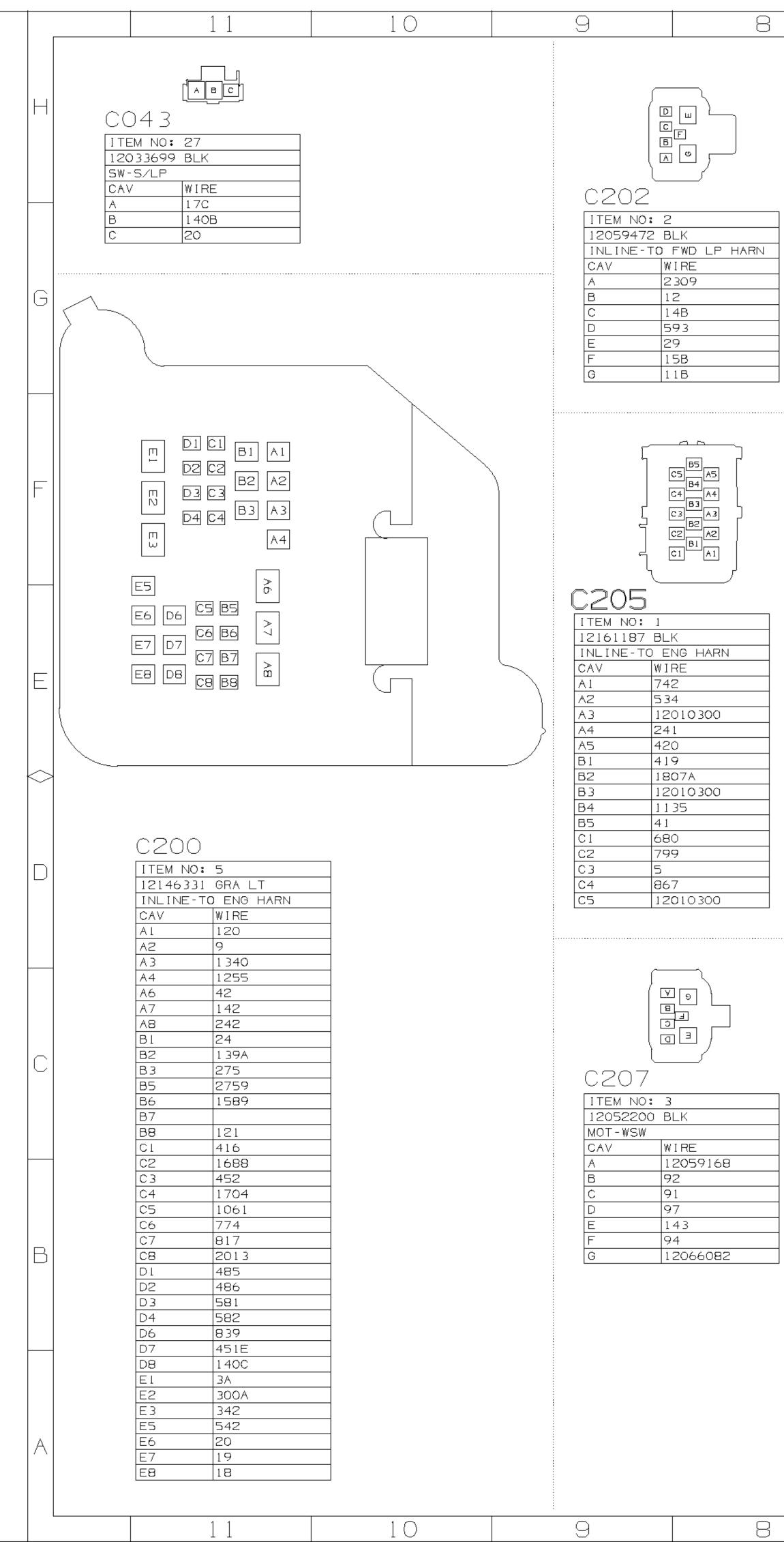
9

8

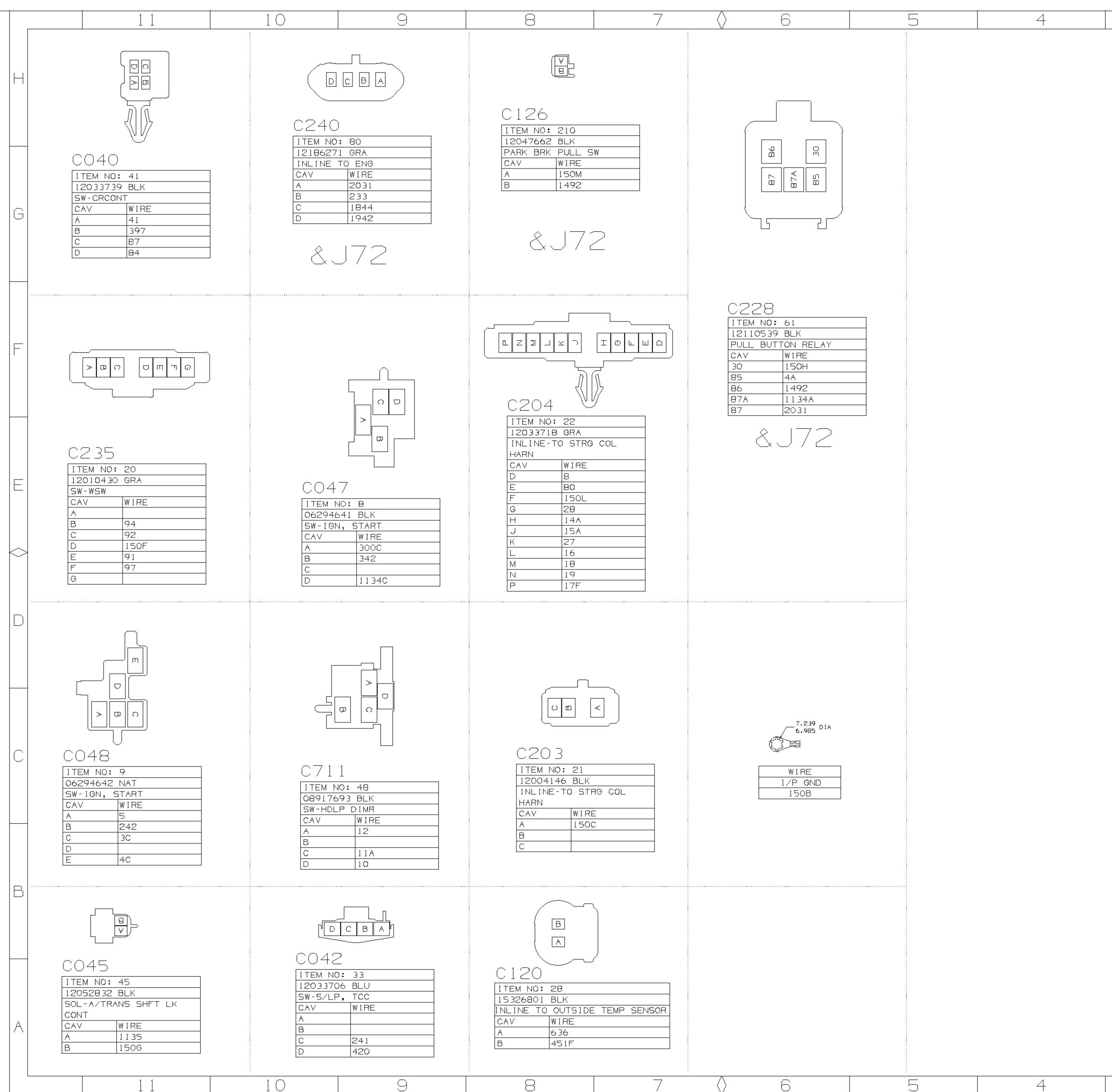
			2 1
7 6 1 1 1	5 4 I I I	3 (Implied to the second state of the second	С 060 I TEM ND: 73
Image: Text of the text of text	$C 1 3 4$ $\frac{11 \text{ EM NO: 89}}{15336745 \text{ GRA MD}}$ $\frac{11 \text{ EM NO: 89}}{15336745 \text{ GRA MD}}$ $\frac{11 \text{ FLY- PARK BRAKE SENSE}}{CAV WIRE}$ $30 642$ $85 1079C$ $86 150P$ $87 11131A$	Immeter CO57 Item NO: 59 12047938 GRA LT INLINE-TO COIL HARN-RH CAV V B 2122 C 2124 E 2130 F 2128 H 2398	12160490 GRA MD INLINE-TO TRANS CAV WIRE A 1222 B 1223 C 1228 D 1229 E 439C L 1227 M 407 N 1224 P 1226 R 1225 S 418
$ \begin{array}{c} $	LY-PARK BRAKE MOTOR CAV WIRE 30 J72 LITEM NO: 90 15336745 GRA MD RLY- PARK BRAKE MOTOR CAV WIRE 30 J131B	$C 1 5 5$ $\frac{11 \text{ EM NO: BB}}{15336745 \text{ GRA MD}}$ $\frac{15336745 \text{ GRA MD}}{\text{RLY- RUN \& CRANK}}$ $\frac{1507}{87}$ $\frac{1507}{87}$	
7 150S 8 776 9 275C 10 24C 11 139B 12 806	5 4	3	DATE : 07MAYO4 2005 WORKHORSE (P32L18) ENG HARNESS CONNECTOR FACES W0006461 SHEET #202 PAGE 2 OF 3 2 1







7 (6	5 4	3	2	1
C208 ITEM NO: 26 12110250 BLK DATA LINK CAV WIRE 1 2 1807B 3 4 150E 5 2363A 6 2361A 7 8 9 10 10 11 12 799 13 14 2362A 15 16 1340		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	C218 ITEM NO: 24 I2065171 BLK INLINE-TO BODY BUILDER HARN CAV WIRE A 17E C219		G
C210 ITEM NO: 6 15394027 BLK INLINE-TO I/P EXTN HARN CAV WIRE WIRE A1 3B 3B A2 142 142			ITEM NO: 23 12065172 BLK INLINE-TO BODY BUILDER HARN CAV WIRE A 17F		F
A3 28 28 A4 B1 542 542 B2 150A 150A B3 14C 14C B4 15C 15C C1 1589 1589 C2 2309 2309 C3 534 534					E
C41616D127592759D2867867D3E1275275E2E3E4680680F11010F22727	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	C216 ITEM NO: 38 12191065 NAT MDL-ELEK THROT ACTR CONT CAV WIRE 1 485 2 416			
F22727F3IB07C1B07CF41B07C1B07CG1593593G22424G32929G41B44G5IB44H64242H744BH8300B300B	B4 F4 G5 A4 G5 H9 J9 N9 P10 H9 J9 N9 P9 H8 J8 K9 M9 N8 H7 J7 K8 L8 M8 N7 P7 H6 J6 K6 L7 M6 P6 P6	3452484587617A783985829168810170411486121061			
HB BOOD BOOD H9 1942 J6 143 143 J7 140A 140A J8 233 J9 17B 17B K6 2013 2013 K7 2361C 2361C K8 2362C 2362C K9 11C 11C		13 774 14 397 15 451 A 16 581			С
L6 121 121 L7 2363C 2363C L8		C217 ITEM NO: 37 12065425 BLK MDL-ELEK THROT ACTR CONT			B
N9817817P6742742P7120120P812551255P999P1011341134B		CAVWIREA12059168B1274C1162D1272E12059168F1161			- 07MAV04
SYMBOL -J72 &J72		G 1164 H 12059168 J 1271 K 12059168		<u>2005</u> CO	: 07MAY04 WORKHORSE (P32L18) I/P HARNESS NNECTOR FACES 06461 SHEET #203 PAGE 1 OF 2 1
) 6	5 4	3	۷	

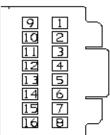


CHASS I S USTOM \bigcirc WORKHORSE

3	2		1	
				Н
				G
				F
				E
				\diamond
				D
				С
				B
	DATE	: 07MAY04 Workhorse (
 <u></u>		I/P HARNE NNECTOR F 06461 SHEE PAGE 2 OF	ESS Faces T #203	A
3	2		L	

	1 1	10 9	8 7 (6	5 4
	C215 ITEM NO: 14	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		C253 ITEM NO: 7 I2020030 NAT SW-I/P LP DIMR CAV WIRE	
G	02973385 BLK FLSHR-T/SIG LP CAV WIRE A (139C - J72) (2239 & J72) B 16	$ \begin{array}{c} $	ITEM NO: 1 10723742 BLK CSTR-INST 1 CAV WIRE WIRE 2 (2361A & J72) (2361B - J72) (2361B - J72) 3 (2362A & J72) 4 1807	A 9A B 150B C 156 D 44 C254	
	C248	C250 ITEM NO: 10 12186731 GRA MD INLINE-TO I/P HARN CAV WIRE WIRE A1 (3 - J72) (3 - J72) (3A &J72) (3A &J72)	4 1807 1807 5 121 121 6 817 817 7 745 745 8	ITEM NO: 11 12110746 BLK FUSE BLK CAV WIRE A2 4C A3 243 A6 142B	30 < 30
F	ITEM NO: 5 02973385 BLK FLSHR-HAZARD LP CAV WIRE A 140 B 27	A2142C142CA3282BA4B1542542B2150A150AB31414B41515C1	12 80 80 13 14 2013 14 2013 2013 15 16 (233 & J72) 16 (233 & J72) (233 & J72) 17 592C 18 18 (1844 & J72) (1844 & J72) 19 150F 150F	A7 1540 B2 142A B4	ITEM NO. 11 POSITION RATING FUSE 1 2 20 3 20
E	۵ C249	C223092309C3534534C41616D1D2867867D3E1275275E2	20 340 340 SYMBOL 3 1	C7 4E D2 4E D4 44 D6 108 D8 742 E1 343 E3 8A E5 108	4 10 I 5
	SW-PARK BRK WIRE 1134B - J72	E3 680 E4 680 F1 10 F2 27 F3 7 F4 1807 G1 593 G2 24 F20 27	C261 ITEM NO: 4	E7 640A F2 142E F4 740 F6 42B F8 61 G3 542 G5 240	12 3 0// 13 20 0 14 10 15 30 E 16 15 RA 17 10 M 18 19 10 20 5 1
		G3 29C 29C G4 (1844 & J72) (1844 & J72) G5	15340668 BLK CSTR-INST 2 CAV WIRE WIRE 1	G7 40 H2 4B H4 (3 - J72) (3B & J72) H8 J1 143 J3 43 J5 (139B - J72)	21 5 I 22 25 I 23 5 F 24 5 ST A 30 C/B PWF B 30 C/B PWF
С		JB (233 & J72) (233 & J72) J9 17 17 K6 2013 2013 K7 (2361A - J72) (2361A - J72) (2361B & J72) (2361B & J72) K8 (2362A - J72) (2362B & J72) K9 11 11A	7 451 451 8 343 343 9 14 14 10 15 15 11 629 11 12 9F 9F 13 867 867 14 (1942 & J72) (1942 & J72)	(2239 & J72) J7 39A K2 9C K4 (3C & J72) K8 1255C	
		L6 121 121 L7 (2363A - J72) (2363A - J72) (2363B & J72) (2363B & J72) L8 (139 & J72) (139 & J72) M6 (139 & J72) (139 & J72) (139A - J72) (139A - J72) M7 8C 8C M8 419 419	(1134G - J72) (1134G - J72) 15 680 16 234 SYMBOL 3	L5 (139 &J72) L7 M2 300 M4 M6 M8 N1 341 N3	
B		M980N680N7636636N8451451N9817P6742P7P81255A1255A	Image: Classical state ITEM NO: 16 12020029 NAT	N5 141 N7	
		P9 9B 9B P10 (1134 &J71) 1134A (1134A -J72) 1134A SYMBOL 1(-5K1 #-Z49) 3(&5K1	SW-HDLP CAV WIRE WIRE A 9E 9E B 540 C 42C 42C D 10 10A/10B E 240 240 F	CO84 ITEM NO: 6 12033713 NAT SEAT BELT BYPASS CAV WIRE A 150G	
	1 1	10 9	SYMBOL 1 3 8 7	6	5 4

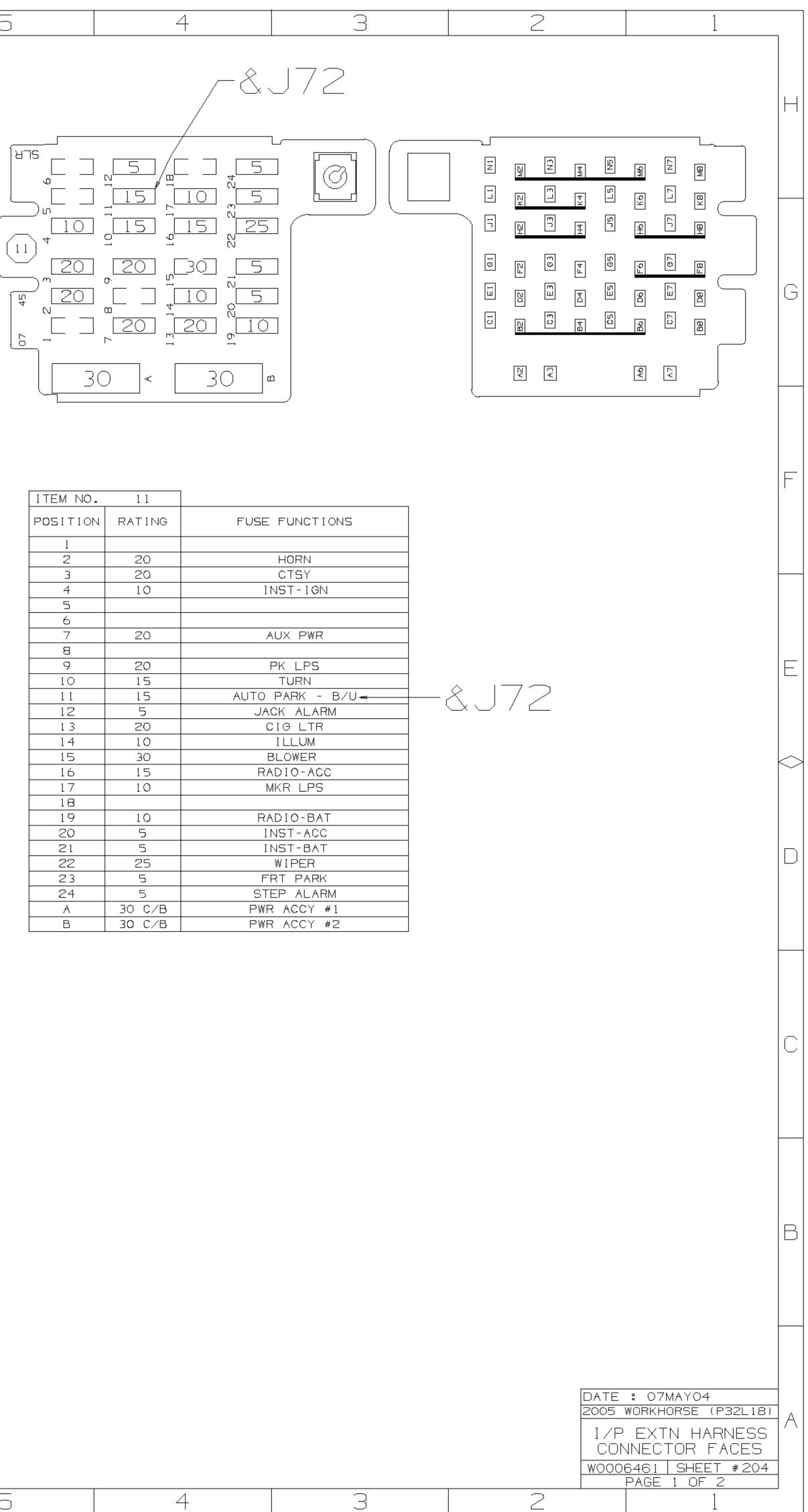
CHASSIS CUSTOM WORKHORSE



ITEM NO:	7
12020030	NAT
SW-I/P LF	'DIMR
CAV	WIRE
Α	9A
В	150B
С	156
D	44

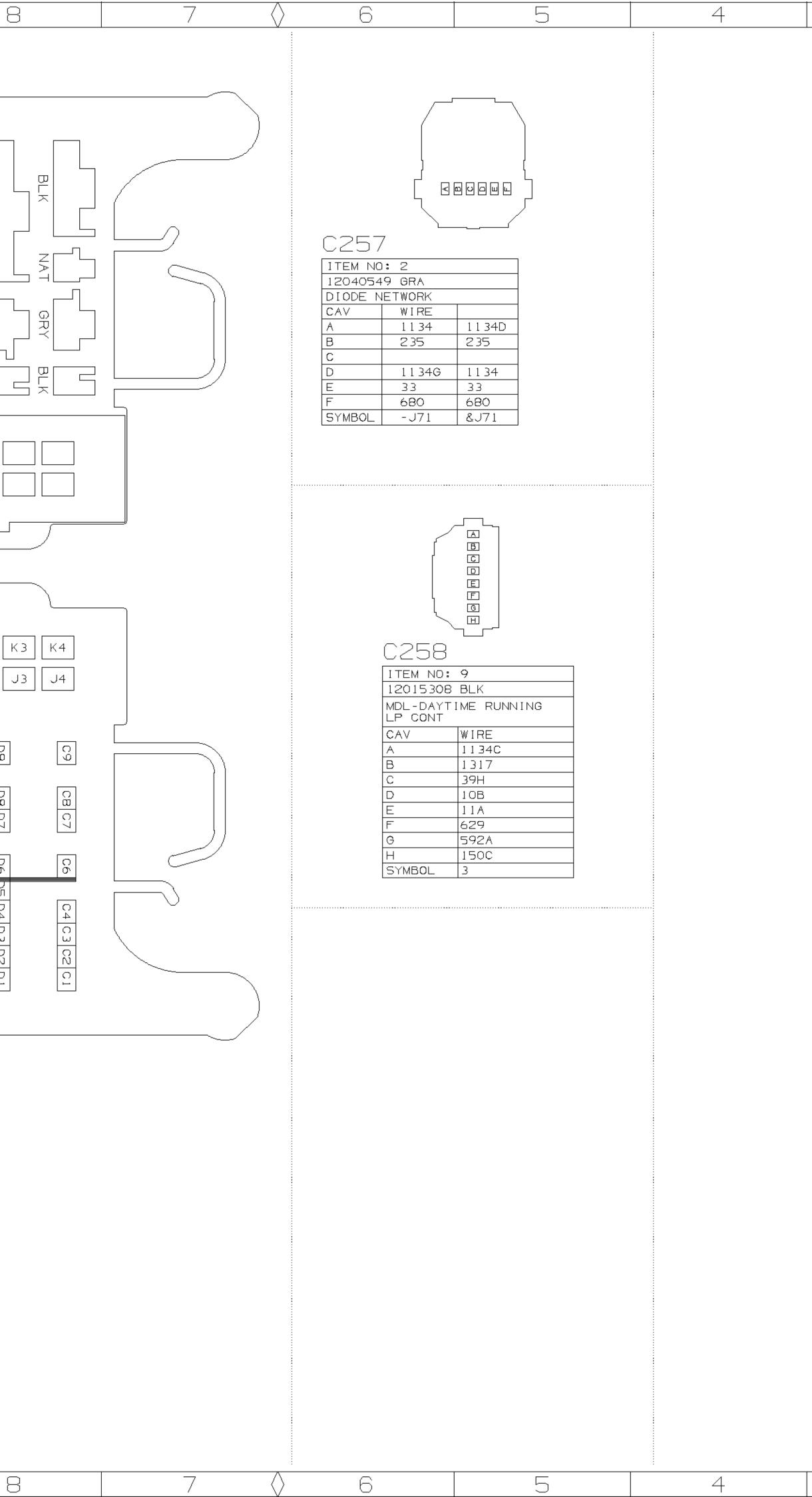
C254	
ITEM NO:	11
12110746	
FUSE BLK	
CAV	WIRE
AZ	4C
	243
A3 A6 A7 B2	142B
	1540
	142A
	1427
B4 B6	
8	10.40
	1240
C3	1140
	1040
C7	
D2	4E
B8 C1 C3 C5 C7 D2 D4 D6	44
D6	
D8	742
E1 E3	343
E3	84
E5	
E7	640A
	142E
F2 F4	740
F6	42B
F8	
G1	340
G3	542
G5	240
G7	40
H2	4B
H2 H4	
H6	(3 -J72) (3B &J72)
Н8	
J1	143
J3	43
US	(139B - J72)
	(2239 &J72)
1.17	39A
J7 К2	90
K4	
K6	(3C &J72)
K8	2200
	2309
L1 L3 L5 L7	12550
	(139 &J72)
M2	300
M4	
М6	
M8	
N1	341
NB	
N5	141
N7	
L	I

••••••	
C084	
ITEM NO:	6
12033713	NAT
SEAT BELT	F BYPASS
CAV	WIRE
A	150G



	11	ITEM NO.
FUSE F	RATING	POSITION
		1
Н	20	2 3 4 5 6 7
C INS	20	З
INS	10	4
		5
		6
AU)	20	7
		8
PK	20	9
Т	15	10
AUTO P/	15	11
JACK	5	12
CI(IL BL(20	11 12 13 14 15 16 17
Il	10	14
BL	30	15
RAD	15	16
MKF	10	
		18
RAD	10	19
INS	5	20
INS	5	21
W	25	22
FRT	5 5 25 5 5	23
STEP		20 21 22 23 24 A
PWR /	30 C/B	A
P₩R /	30 C/B	В

H6 592B H7 H H8 H H9 H J1 J J2 J J3 H J4 H K1 K1 K3 H SYMBOL 1 (&5K0 #-Z49) 3(-5K0 #&Z49) H	9	6
H I IEM M21: 3 I EXM 602: 3 I EXM 604 922 GMA MD PM2 DISTP BLK CA CA CA CA CA CA CA C		
PPR DISTR BLK A/V W/RE A/V W/RE A/V W/RE C1 1317 C2 1317 C3 534 C4 1304 C6 7-55 C7 341 C6 7-55 C7 341 C9 275 C1 28 C1 28 C1 28 C1 28 C1 28 C2 1240 C1 28 C1 28 C2 6400 C1 28 C1 28 C1 28 C1 28 C1 28 C2 243 C1 28 C1 28 C1 28<		
G		
C C C C C C C C C C C C C C C C C C C	DRR RR	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	GRU GRU	
C6 150H 150H 000 C7 341 341 C8 745 745 C9 275 D1 8E EE D2 12558 275 D3 24 24 D4 225 235 D5 2798 228 D5 2798 228 D5 2798 228 D5 2798 228 D5 2798 228 D5 2798 2298 D5 2798 229 D5 2798 229 D5 2798 2298 D5 2798 229 D5 275 298 D5 2798 D5 2798 2298 D5 2798 2298 D5 275 298 D5 275 298 D5 299 234 D5 299 23 D5 299 234 D5 299 23 D5 299 234 D5 299 23 D5		
CB 745 745 C9 275 225 D1 BE BE D2 1255B 1255B D3 24 24 D4 235 235 D5 156 D3 40 D9 234 E1 43 E2 1240 E3 1140 E4 1240 E3 1140 E4 1040 E5 1540 E4 1040 E5 1540 E4 1240 F3 141 F3 141 F4 144 F5 141 F6 17 T7 17 G1 28 B2 64 B3 6400 B4 5928 H7 1 H8 14 H9 14 J3 1 J4 1	NAT	
C9 275 275 D2 1255B 12558 D2 224 24 D4 235 235 D5 298 298 D6 156 156 D8 40 40 D9 224 234 E1 43 13 E2 1240 1240 E3 1140 1140 E4 1040 1040 E4 1040 1040 E3 1140 1141 F5 141 141 F5 141 141 F5 141 141 F6 17 17 13 28 28 32 6400 6408 94 395 150E 66 540 88 93 6400 6400 14 593 16 13 1 1 14 593 1 14 10 1		
D2 1255B D3 24 D4 235 D5 298 D6 156 D7 156 D8 40 D9 234 E2 1240 E3 1140 E4 1040 E3 1140 E4 1040 E5 1540 E6 243 F1 4 F2 - F3 141 F4 1240 E6 243 E2 1500 E6 243 E2 - F3 - F3 - F4 29A E2 - 64 592 H3 6400 E4 592 H7 - H8 - H9 - J3 - J4 - K4 - SYMBOL		_
D4 235 235 D5 296 298 D6 156 156 D8 40 40 D9 234 234 E1 43 13 E2 1240 1240 E3 1140 1140 E4 1040 1040 E6 243 243 F1 - - F2 - - F3 141 141 F6 17 17 61 28 28 62 1500 66 65 1500 66 5928 H1 29A 29A H3 6400 64 H3 6400 64 H4 5928 - H7 - - J1 - - J2 - - J3 - - J4 - - SYMBOL 1185K0 * -2493 31-5K	FL A	
D5 298 298 D7 156 155 D9 234 234 E1 43 43 E2 1240 1240 E3 1140 1140 E4 1040 1540 E5 1540 1540 E6 243 243 F1 F2 F1 F2 F2 F3 F4 1040 1540 E6 243 243 F1 F2 F3 F2 F4 16 F3 F4 16 F5 141 141 F5 1540 E5 63 640B 640B 64 395 1550E 66 540 68 H1 29A 29A H3 640C 640C H4 5928 F1 H7 H8 H9 J3 J4 J4 K1 K4 STMBOL	FLASHER	
D7 156 156 D9 40 40 D9 224 234 E1 43 43 E2 1240 1240 E3 1140 1140 E4 1040 1040 E5 1540 1540 E6 243 243 F1 F2 F2 F3 F3 141 F5 141 F5 141 F6 17 7 61 28 6408 64 396 63 6400 64 396 63 6400 64 5928 H7 H8 H9 J1 J3 J3 J4 L K1 L K2 L SYLBOL L (25K0 #-Z49) 31-5K0 #8Z49)	т Ц	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	L,	 د5+79
E1 43 43 E2 1240 1240 E3 1140 1140 E4 1040 1040 E5 1540 E6 243 243 F1 F2 F3 141 141 F6 17 17 G1 28 28 G2 64 G3 6405 6405 G4 39E G6 540 H1 29A 29A H3 640C 640C H4 593 H6 592B H7 H8 H9 J1 J2 J3 J J4 1 K1 1 K2 X3 X4 K4 X3 X4 K4 1 (&5K0 *-Z49) 3(-5K0 #&Z49) H H H H	\frown	
E3 1140 1140 E4 1040 1540 E5 1540 1540 E6 243 243 F1 F2 F2 F2 F3 F3 F3 141 141 F6 17 17 G1 228 62 G6 540 396 G6 540 64 G6 593 6400 H4 593 H4 G6 5740 66 H3 6400 6400 H4 593 H4 J1 J1 J4 J2 J3 J4 K1 K1 K2 K3 K4 593 SYMBOL 11(85K0 #-Z49) 3(-5K0 #8Z49) H4 SYMBOL 11(85K0 #-Z49) 3(-5K0 #8Z49)		
E4 1040 1040 E5 1540 E6 243 243 F1 F2 F3 4 F5 141 141 F6 17 17 61 28 28 63 6408 6408 64 39E 05 150E 66 540 08 H1 29A 29A H3 640C 640C H4 593 H6 593 H6 593 H6 593 H6 593 H6 5928 H7 H8 H9 1 J1 1 J2 J J3 J J4 K1 K3 K3 K3 F2 49 SYMBOL 11(&5K0 #-Z49) 3(-5K0 #&Z49) H H H H H H H H H H H H H		
E 6 243 243 F1 F2 F3 F5 141 141 F6 17 17 G1 28 28 G2 G3 640B 640B G4 39E G5 150E G6 540 G8 H1 29A 29A H3 640C 640C H4 593 H6 592B H7 H8 H9 J1 J J J J J J J J J J J J J J J J J J	SLR	
F1 F2 F3 F5 141 141 F6 17 61 28 28 28 28 28 28 28 28 28 28		
F3 141 141 F6 17 17 61 28 28 62 64 39E 63 6408 6408 64 39E 65 65 150E 66 66 540 68 68 150E 66 68 540 68 11 29A 29A 14 592B 14 14 592B 14 14 14 14 152 1592B 14 14 14 14 152 14 14 152 14 14 152 14 14 152 14 14 152 16 16 152 16 16 16 16 16 17 16 16 18 16 16 19 16 16 14 16 16 14		
F5 141 141 F6 17 17 G1 28 28 G2 9 63 G3 640B 39E G5 150E 66 G6 540 G6 540 G8 93 H1 29A H3 640C 592B 141 H4 592B H7 19 H8 19 H9 11 J2 14 K2 14 K2 14 K2 14 SYMBOL 1 (&5K0 #-Z49) 3(-5K0 #&Z49)		
61 28 28 62 6408 6408 63 6408 6408 64 39E 56 66 540 68 98 94 94 H1 29A 29A H3 640C 640C H4 593 16 H6 5928 17 H7 1 1 J2 1 1 J3 1 1 K3 1 1 K3 1 1 K3 1 1 K4 5 5 SYMBOL 1 1 2 H H H H H H H H H9 1 1 1 SYMBOL 1 1 2 H H 1 <td></td> <td></td>		
G2 640B G3 640B G5 150E G6 540 H1 29A H3 640C H4 593 H6 592B H7 H8 H9 H9 J1 J2 J3 J4 K1 K2 K3 K3 K4 (45K0 *-Z49) 3(-5K0 *&Z49)		{
G4 39E B5 150E G6 540 G8 40C H3 640C 640C 640C H4 593 H6 5928 H7 1 H8 1 H9 1 J1 1 J2 1 J3 1 K1 1 K2 1 K3 1 K4 5YMBOL SYMBOL 1(85K0 #-Z49) SYMBOL 1(85K0 #-Z49)		
05 150E 66 540 98 94 H1 29A H3 640C 640C 640C H4 593 H6 5928 H7 1 J1 1 J2 1 J3 1 J4 1 K1 1 K2 1 K3 1 SYMBOL 1 (&5K0 #-Z49) SYMBOL 1 (&5K0 #-Z49)		К1 К2
GB 29A H3 640C 640C 593 H6 592B H7 H H8 H H9 H J1 J2 J3 J4 K1 K1 K4 SYMBOL SYMBOL 1185K0 #-249) 31-5K0 #8Z49)		J1 J2
H3 640C 640C H4 593 H6 5928 H7	, ,	
H4 593 H7 5928 H7 H8 H9 H9 J1 J2 J3 H6 K1 H8 K2 H6 K3 H6 SYMBOL 1(&SKO #-Z49) S(-SKO #&Z49)		
H7 H H9 H J2 H J3 H J4 H K1 H K2 H K3 H SYMBOL 1 (&5KO *-Z49) 3(-5KO *&Z49)	Н9	60
HB H H9 H J1 H J2 H J3 H J4 H K1 H K2 H K3 H K3 H SYMBOL 1 (&5KO #-Z49) SYMBOL 1 (&5KO #-Z49) H H	Н8 68	9
Ji Ja J2 Ja J4 Ja K1 Ja K2 Ja K4 Ja SYMBOL 1 (&5K0 #-Z49) J (-5K0 #&Z49) (H		A B 🖁
J2	H7	
J4 Image: Constraint of the second		
K1 Image: Constraint of the symbol Image: Consthe symbol Imag	H6 G6	
	G5 J	
K4 1 (85K0 #-Z49) 3(-5K0 #8Z49) H	H4 G4	
	нз Сз	E2 D2
	G2 -	
	H1 G1	
4		
A		
	9	



3	2		1
			H
			G
			F
			E
			D
			C
			B
3	2	DATE : 07M/ 2005 Workhof I/P EXTN CONNECT(W0006461	A HARNESS A FACES

1				1		1
		1 1		10	9	8
	(
G		400 0: 1 87 BLK -TO ENG HARN WIRE 12010300 1589	WIRE 12010300 1589A	WIRE 12010300 1589B	WIRE 12010300 15890	WIRE 12010300 1589D
	A 3 A 4	2759 18	2759A 18A	2759B 18B	2759C 18C	2759D 18D
	A5	809	809A	809B	8090	809D
	B1	20	204	208	200	200
	B2	24	24A	24B	240	24D
	В3	1255A	1255D	1255E	1255F	12556
	В4	150G	150H	150K	150L	150M
	B5	120A	120B	120D	1206	120H
	C1	12010300	12010300	12010300	12010300	12010300
	CZ	12010300	12010300	12010300	12010300	12010300
	СЗ	12010300	12010300	12010300	12010300	12010300
	C4	19	19A	19B	19C	19D
	C5	609	609A	609B	6090	609D
	SYMBOL	. 1	2	3	4	5

C402

ITEM NO: 22 15300002 BLK

CAV

1 1

INLINE-TO BODY BUILDER

WIRE



|

	A B	1255B 12010300				
	(
С	ITEM NO 1211075 INLINE- CAV A B C		WIRE 809A 18A 19A	WIRE 809B 18B 19B	WIRE 809C 18C 19C	WIRE 809D 18D 19D
В	D E F G SYMBOL	150F 609 1255C 24 1	150J 609A 1255H 24A 2	150J 609B 1255H 24B 3	150J 609C 1255H 24C 4	150J 609D 1255H 24D 5
A	ITEM NO 1530000 INLINE- CAV A B SYMBOL		WIRE 12010300 20A 2	WIRE 12010300 20B 3	WIRE 12010300 20C 4	WIRE 12010300 20D 5

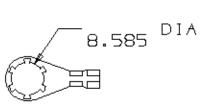
10

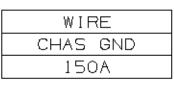
9

8

	7	6	6	5	4
	A B C D				
			405		
ITEM NO	: 15				
ITEM NO 1532663					
1532663					
1532663 INLINE	1 BLK		WIRE	WIRE	WIRE
1532663	1 BLK - TO FUEL SD	R HARN		WIRE 150E	WIRE 150E
1532663 INLINE CAV A	1 BLK - TO FUEL SD WIRE	R HARN WIRE	WIRE		
1532663 INLINE CAV A B	1 BLK - TO FUEL SD WIRE 150E	R HARN WIRE 150E	WIRE 150E	150E	150E
1532663 INLINE CAV	1 BLK - TO FUEL SD WIRE 150E 1589	R HARN WIRE 150E 1589A	WIRE 150E 1589B	150E 1589C	150E 1589D

8.839





7 (\rangle 6	5	4
· · · · · · · · · · · · · · · · · · ·	/)	Ι

]	2		1	
				Н
				G
				F
				E
			<	\diamond
				D
				С
				В
1	2005 (CC	: 07MAYO4 Workhorse (CHAS HARN NNECTOR F 26461 SHEE PAGE 1 OF	ESS ACES T # 205	А

		1 1	10	9	8
	LI 61 LS 65 L3 03 L4 64 03 L4 64 02 И3 b3 И3 b3 И3 b3 И3 b3 И3 b3 И3 b3	- CS DS ES VS BS C3 D3 E3 V3 B3 C4 E4 V4 H6 Л6 H8 H6 H8 H0 H1 1 1 K2 Г2 M0 K8 Г8 W8 K0 H1 H2 H2 K2 Г2 M1 K2 Г2 M2	CZ7Z ITEM NO: 16 12010105 BLK FUSE-GA CAV WIRE A 3 B 39J		
F	12186 INLIN CAV	NO: 17 731 GRA MD E-TO I/P HARN WIRE 3 150A 150A	CZ74 ITEM NO: 4 15326631 BLK SDR-FUEL CAV WIRE A 150B B 1589 C 2759 D 120		
E	C2 C3 C4 D1 D2 D3 E1 E2 E3 E4 F1 F2	2759 867 	C275 ITEM NO: 2 12004264 BLK LP-CHECK ENG CAV WIRE A 39A		
	F 3 F 4 G1 G2 G3 G4 G5 H6 H7 H8 H9 J6		B 419 (■ ► C276 ITEM NO: 1 12004264 BLK]	
	J7 J8 J9 K6 K7 K8 K9 L6 L7 L8 M6 M7 M8	150C 39C 419	LP-ANTILOCK BI CAV WIRE A 39B B 867		
	M9 N6 N7 N8 N9 P6 P7 P8 P9 P10	120A			
A		1 1	10	9	8

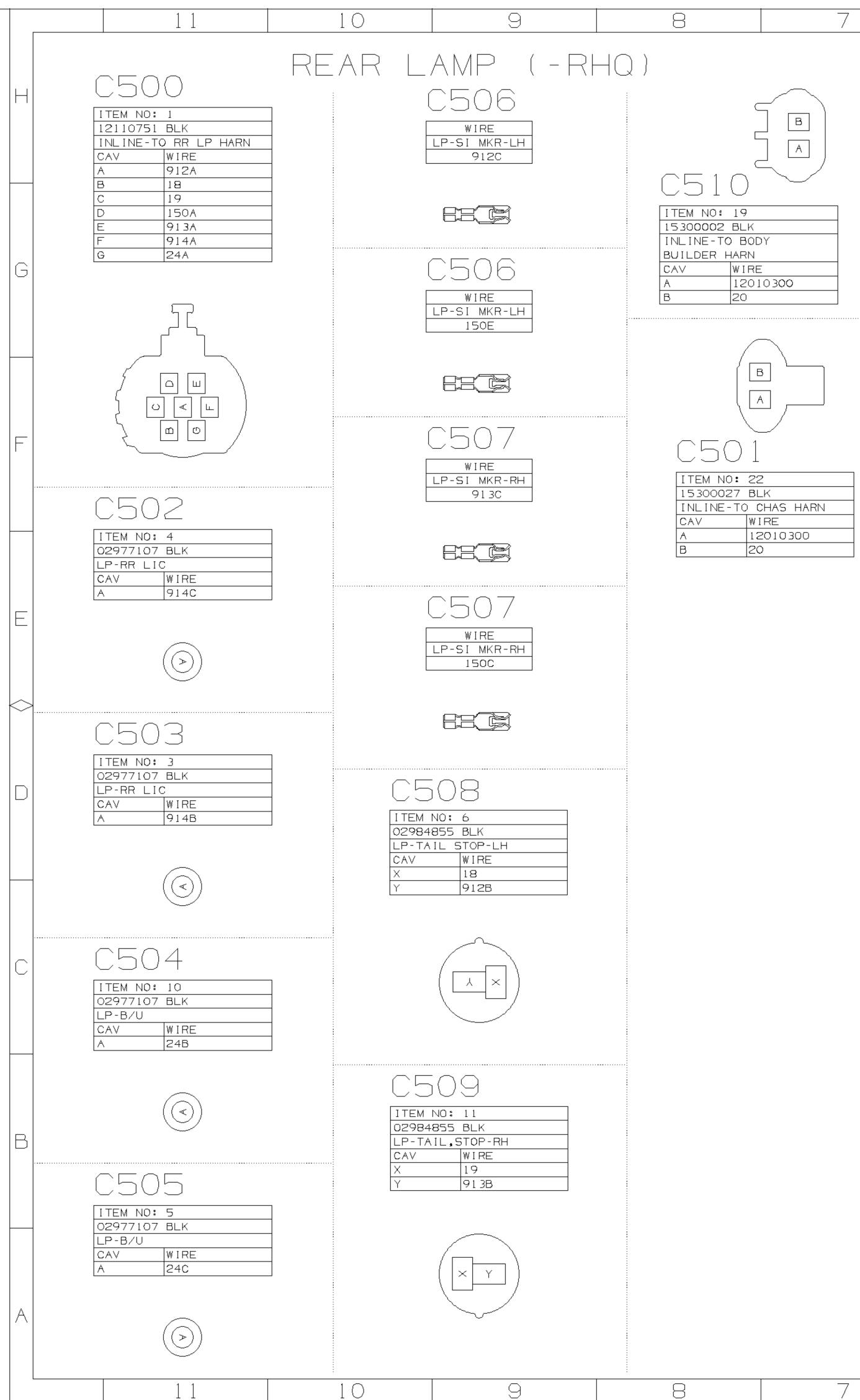
3	7 <	\rangle 6	IJ	4

3	7 <	\rangle 6	5	4

3	2		1	
				H
				G
				F
				E
			×	\bigcirc
				D
				С
				В
3	2	DRIVE AWA Connecto	RSE (P32L18) VY HARNESS OR FACES Sheet #206	A

	C 3 1 3 I TEM NO: 36		RD LAMP	
				[
G	06288472 NAT LP-HDLP -LH CAV WIRE A 11H B 593E/593F SYMBOL 9	ITEM NO: 32 12052644 GRA HORN-RH CAV WIRE A 150C B 29C	LT	ITEM NO 1210317 LP-SI M
F	ITEM NO: 9 02973386 BLK LP-HDLP -LH CAV WIRE MIRE A 12G/12X B 11N/11S C 150L 593C SYMBOL 3	A 150E		
E	C 3 1 5 ITEM NO: 38 06288472 NAT LP-HDLP -RH CAV WIRE WIRE			02973386 B LP-HDLP-RH CAV W A 1 B 1 C 1 SYMBOL 3
	A 11J 11F B 150N 150T SYMBOL 9 5	A 9 B 1	ILK	225.0 TO CCA
C	$(\begin{array}{c} \hline \\ \hline $	ITEM NO: 12110539 RLY-DAYTI LP CAV 30		Gr WIF 15(
В		86 87A 87 SYMBOL	150F 11AC 12010300 9	
	C 3 0 4 <u>ITEM NO: 10</u> 02984855 BLK CAV WIRE X 14C Y 9C LP-PARK-LH	9	8	7

9 8	7 (> 6	5	4	3	2	1
FORWARD LAMF						
Image: Constraint of the second state Image: Constraint of the second state <td>$\begin{array}{c} \hline \\ \hline$</td> <td>C 300 ITEM NO: 1</td> <td>A G B F C D E</td> <td></td> <td></td> <td>G</td>	$\begin{array}{c} \hline \\ \hline $	C 300 ITEM NO: 1	A G B F C D E			G
	LP-SI MKR-RH CAV WIRE A 9E B 15B	12052200 BLK INLINE-TO ENG HARN CAV WIRE A 9A B 12E C 14A D 593E E 29A F 15A G 11G	WIRE WIRE 9A 9A 12E 12A 14A 14A 1205916B 1205916B 29A 29A 15A 15A 11X 11A	WIRE WIRE 9A 9A 12A 12X 14A 14A 593 120591 29A 29A 15A 15A 11A 115	WIRE 9A 12X 14A 68 593C 29A 15A 11S	
ITEM NO: 28 12052644 GRA LT HORN-LH CAV WIRE A 150E B 29B	Image: Temperature Image: T	SYMBOL 9 225.0 TO BBA 80.0 0.0	5	2 3 (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	4	
	CAV WIRE A 12G B 11N C 150M SYMBOL 3 4	GND WIRE 150G	ITEM NO: 35 06288471 NAT LP-HDLP -LH CAV WIRE A 12E/12F B 11AC/11A C 150AA F0 SYMBOL 9	WIRE WIRE 12E/12F 150Z F 11B/11T 12A/12 150K 11A/11 5 1		
C 3 6 ITEM NO: 8 12103178 BLK LP-SI MKR-LH CAV WIRE A 9B B 14B		<	C 3 1 1 / C 3			
	GND WIRE 150H		A 12F B 11AF C 150S F0	WIRE WIRE 12F 150B 11E/11F 12B 150Y 11C		
ITEM NO: 42 12110539 BLK RLY-DAYTIME RUNNING LP CAV WIRE 30 11K 85 593F 86 150F 87A 11AC 87 12010300		GND WIRE 150A				
SYMBOL 9						B
					DATE : 07MAY04 2005 Workhorse FWD/REAR LF CONNECTOR F W0006461 SHEE	A HARN ACES
9 8	7 (> 6	5	4	3 2	PAGE 1 OF	1



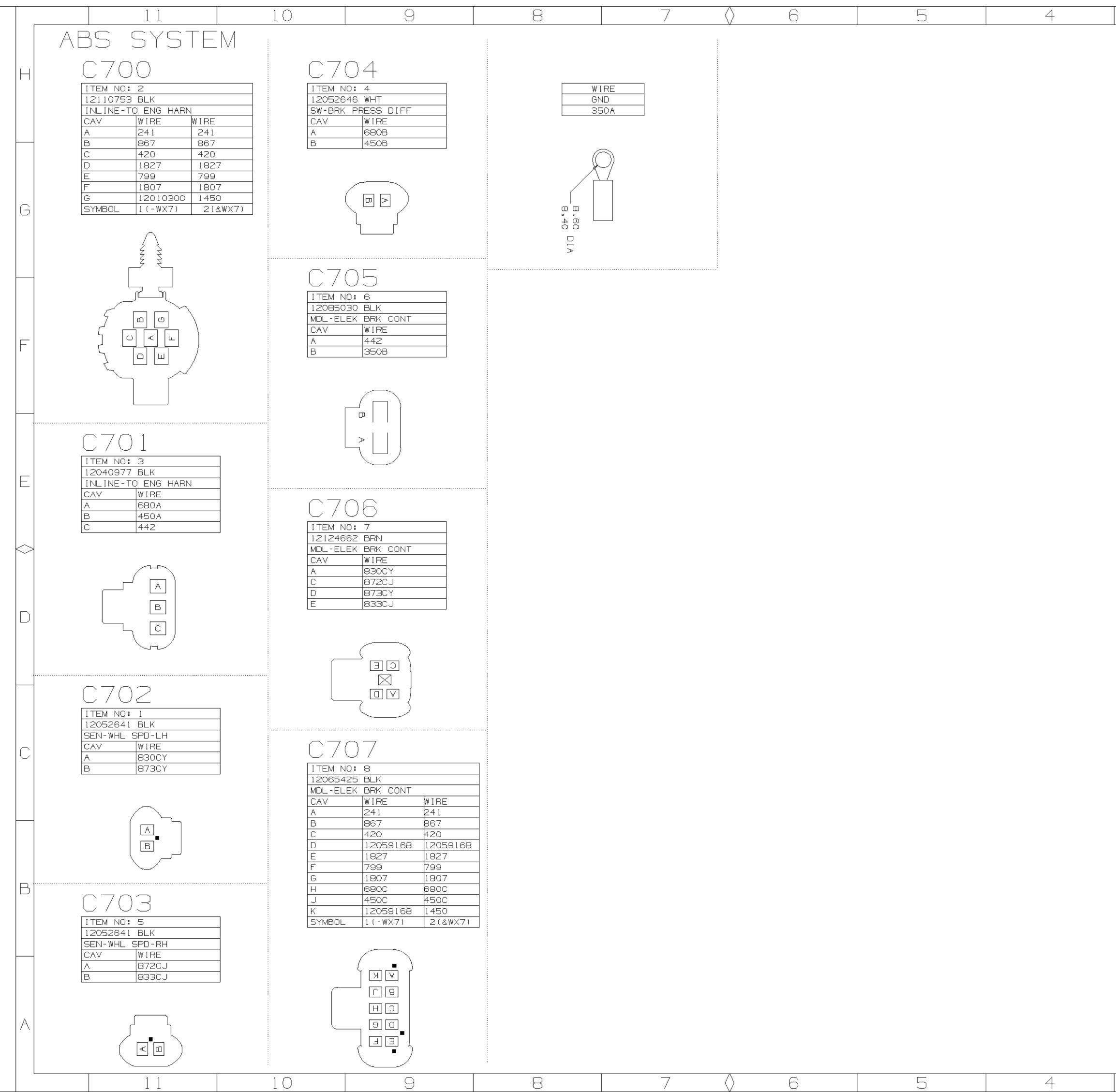
CHASS I S CUSTOM WORKHORSE

8	7 <	\rangle 6	C)	4

٩	12010300
3	20

		\land		1
	/ (4
- 1	/ \	$/$ \lor	\bigcirc	I

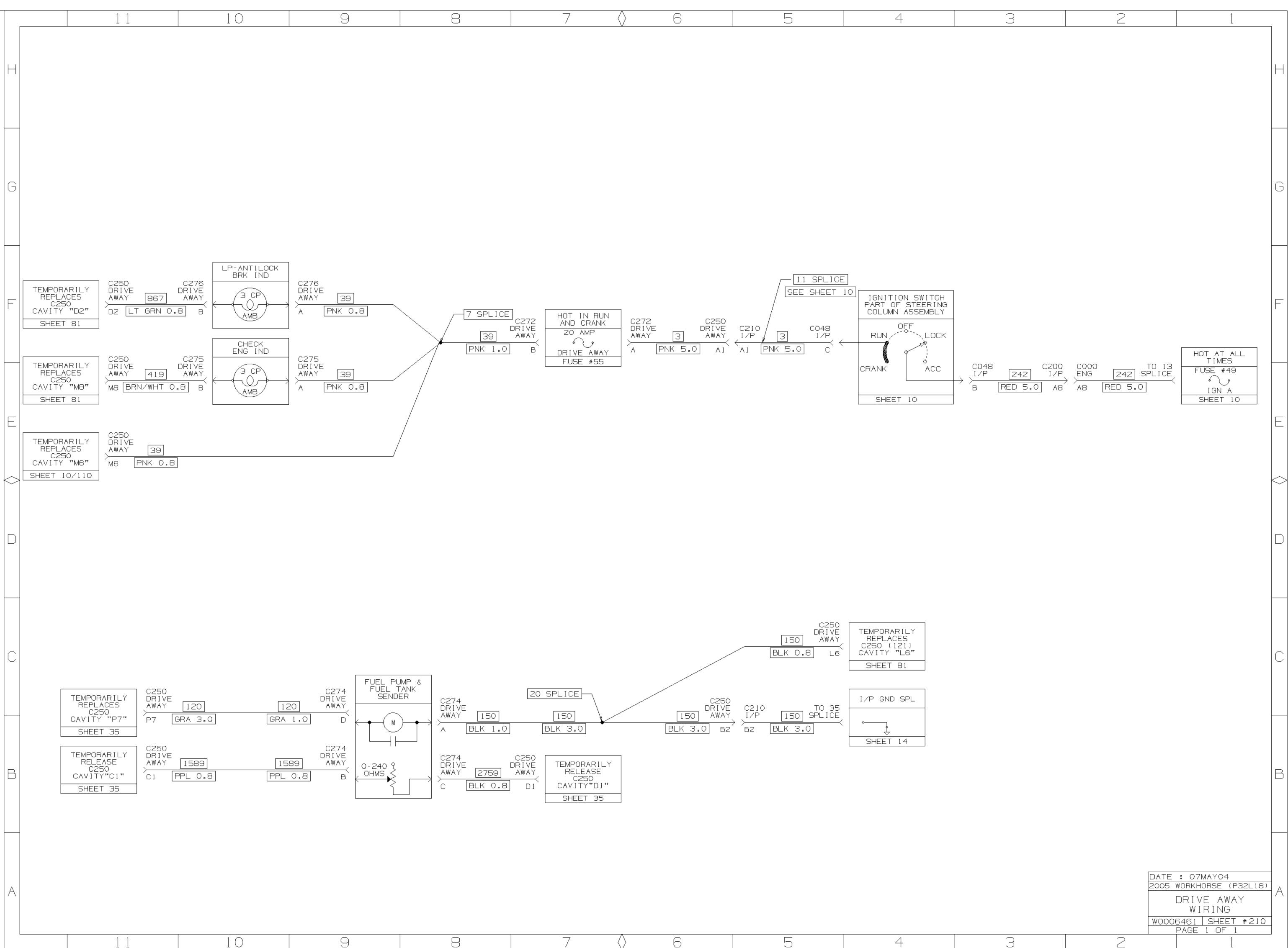
 3	2		1	
				H
				G
				F
			-	
				E
			×	\bigcirc
				D
				C
			-	B
3	<u>2005</u> FWE CO	: 07MAYO4 Workhorse)/REAR LF NNECTOR 1 06461 SHEE PAGE 2 OF	(P32L18) P HARN FACES T #208	A



CHASS I S CUSTOM WORKHORSE

8	7 <	\rangle 6	5	4

3	2		1	
			F	_
				()
			E	
			[
			E	M
3	2	DATE : 07MAYO 2005 workhorse ABS HARI CONNECTOR W0006461 SHE PAGE 1 0	(P32L18) NESS FACES EET #209	Ą



CHASSIS CUSTOM WORKHORSE

$\overline{}$	/			1
8	/ /	/ 6	\bigcap	4