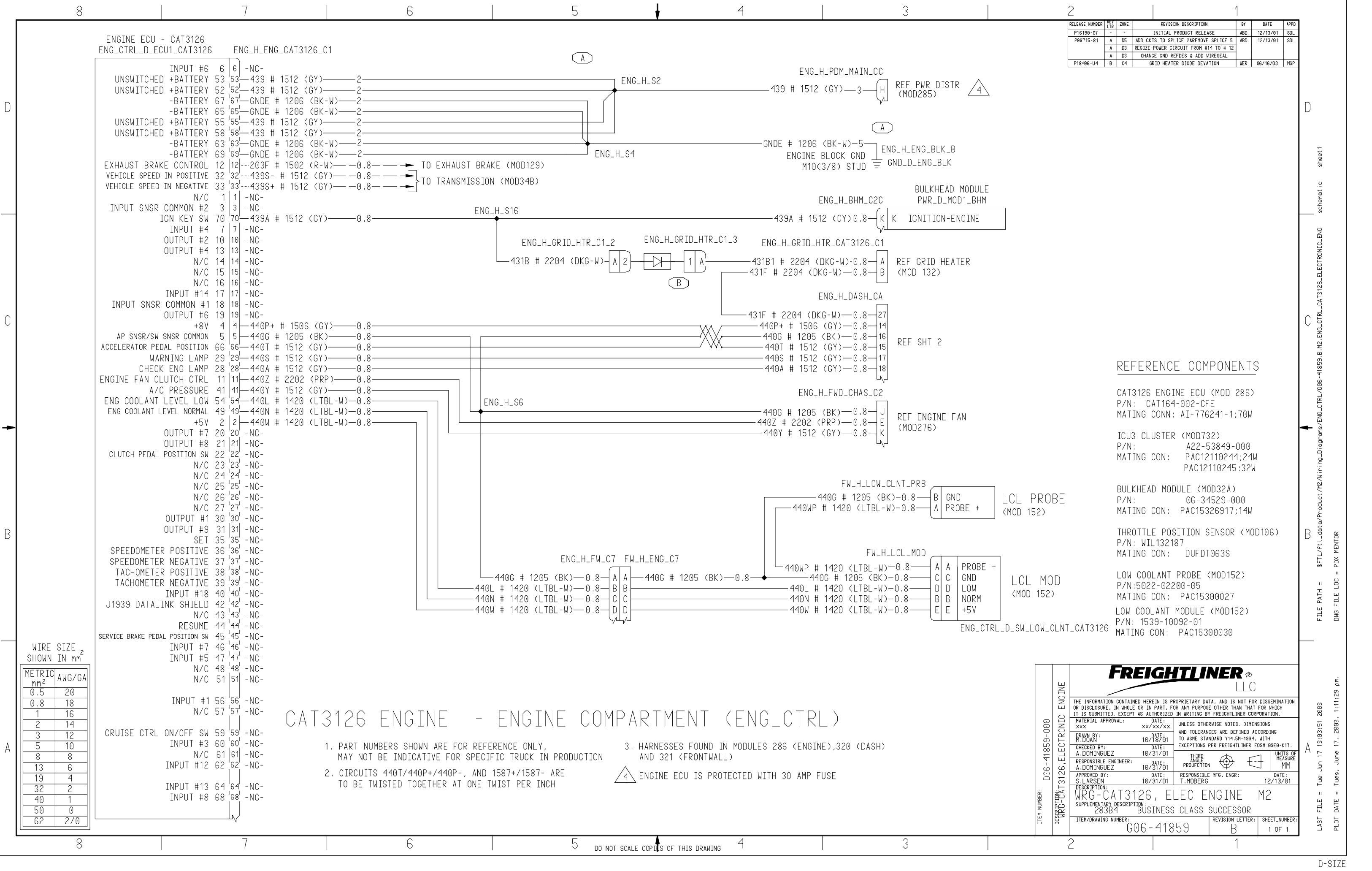




RELEASE NUMBER	REV LTR	ZONE	REVISION DESCRIPTION	BY	DATE	APPD
P16190-07	-	-	INITIAL PRODUCT RELEASE	ABD	12/13/01	SDL
P08715-81	A	D5	ADD CKTS TO SPLICE 2&REMOVE SPLICE 5	ABD	12/13/01	SDL
	A	D3	RESIZE POWER CIRCUIT FROM #14 TO # 12			
	A	D3	CHANGE GND REFDES & ADD WIRESEAL			
P18406-U4	B	C4	GRID HEATER DIODE DEVIATION	WER	06/16/03	MGP

REFERENCE COMPONENTS

CAT3126 ENGINE ECU (MOD 286)
P/N: CAT164-002-CFE
MATING CONN: AI-776241-1;70W

ICU3 CLUSTER (MOD732)
P/N: A22-53849-000
MATING CON: PAC12110244;24W
PAC12110245;32W

BULKHEAD MODULE (MOD32A)
P/N: 06-34529-000
MATING CON: PAC15326917;14W

THROTTLE POSITION SENSOR (MOD106)
P/N: WIL132187
MATING CON: DUFDT063S

LOW COOLANT PROBE (MOD152)
P/N:5022-02200-05
MATING CON: PAC15300027

LOW COOLANT MODULE (MOD152)
P/N: 1539-10092-01
MATING CON: PAC15300030

CAT3126 ENGINE - ENGINE COMPARTMENT (ENG_CTRL)

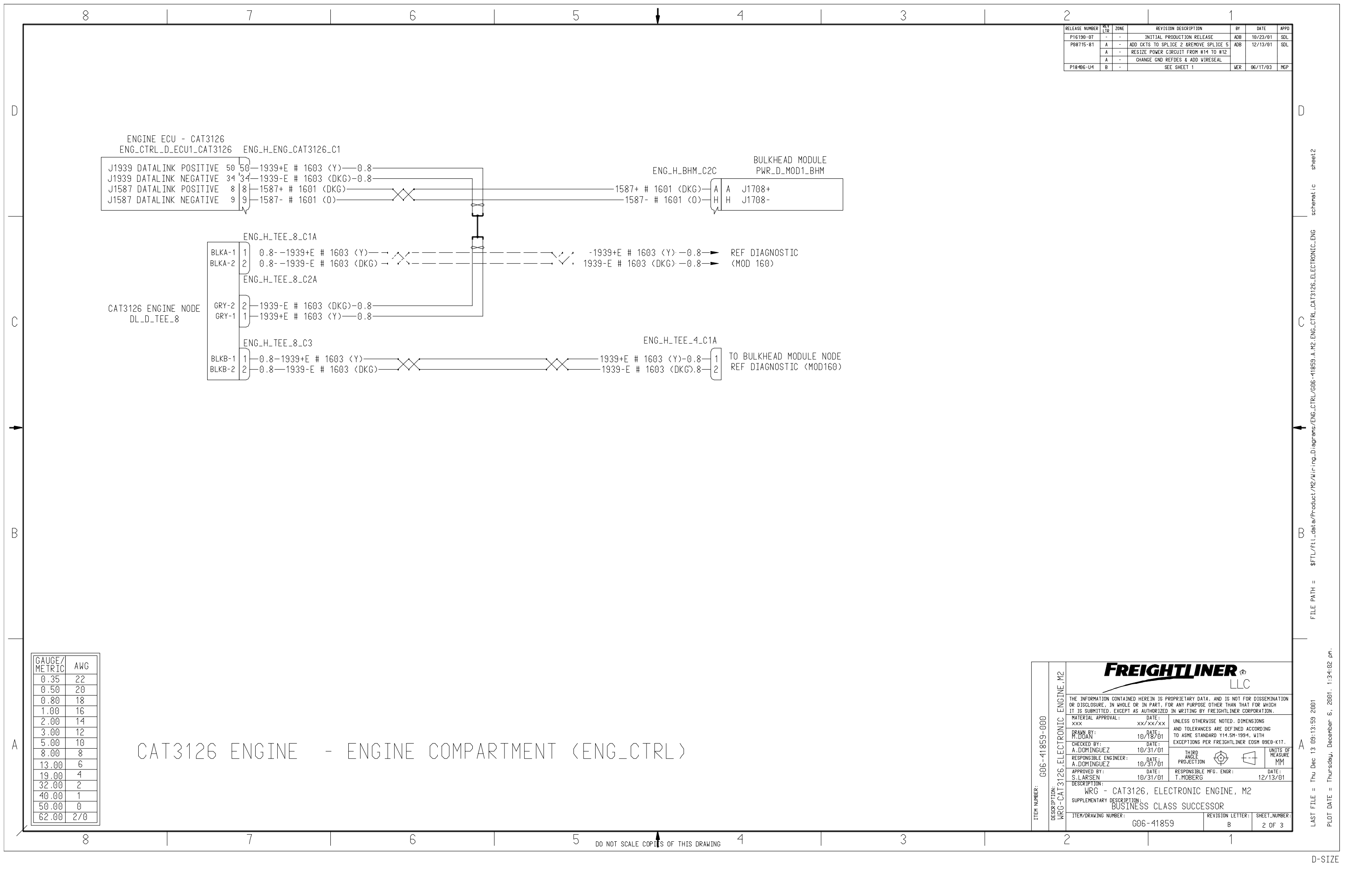
1. PART NUMBERS SHOWN ARE FOR REFERENCE ONLY,
MAY NOT BE INDICATIVE FOR SPECIFIC TRUCK IN PRODUCTION
2. CIRCUITS 440T/440P+/440P-, AND 1587+/1587- ARE
TO BE TWISTED TOGETHER AT ONE TWIST PER INCH
3. HARNESSES FOUND IN MODULES 286 (ENGINE),320 (DASH)
AND 321 (FRONTWALL)
4. ENGINE ECU IS PROTECTED WITH 30 AMP FUSE

ITEM NUMBER: D06-41859-000	FREIGHTLINER LLC	
	THE INFORMATION CONTAINED HEREIN IS PROPRIETARY DATA, AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED. EXCEPT AS AUTHORIZED IN WRITING BY FREIGHTLINER CORPORATION.	
	MATERIAL APPROVAL: xxx	DATE: xx/xx/xx
	DRAWN BY: M. LOAN	DATE: 10/18/01
	CHECKED BY: A. DOMINGUEZ	DATE: 10/31/01
	RESPONSIBLE ENGINEER: A. DOMINGUEZ	DATE: 10/31/01
	APPROVED BY: S. LARSEN	DATE: 10/31/01
	DESCRIPTION: WRG-CAT3126, ELEC ENGINE M2	UNLESS OTHERWISE NOTED, DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ASME STANDARD Y14.5M-1994, WITH EXCEPTIIONS PER FREIGHTLINER EOSH 09E0-K17.
	SUPPLEMENTARY DESCRIPTION: 283B4 BUSINESS CLASS SUCCESSOR	THIRD ANGLE PROJECTION
	ITEM/DRAWING NUMBER: G06-41859	REVISION LETTER: B

LAST FILE = Tue Jun 17 13:03:51 2003
PLOT DATE = Tues, June 17, 2003, 1:11:29 pm.

FILE PATH = \$FTL/ftL_data/Product/H2/Wiring/Diagrams/ENG_CTRL/G06-41859.B.M2.ENG_CTRL_CAT3126.ELECTRONIC.ENG
DWG FILE LOC = PDX MENTOR

sheet 1
schematic



RELEASE NUMBER	REV LTR	ZONE	REVISION DESCRIPTION	BY	DATE	APPD
P16190-07	-	-	INITIAL PRODUCTION RELEASE	ADB	10/23/01	SDL
P08715-01	A	-	ADD CKTS TO SPLICE 2 & REMOVE SPLICE 5	ADB	12/13/01	SDL
	A	-	RESIZE POWER CIRCUIT FROM #14 TO #12			
	A	-	CHANGE GND REFDES & ADD WIRESEAL			
P18406-U4	B	-	SEE SHEET 1	WER	06/17/03	MGP

GAUGE/METRIC	AWG
0.35	22
0.50	20
0.80	18
1.00	16
2.00	14
3.00	12
5.00	10
8.00	8
13.00	6
19.00	4
32.00	2
40.00	1
50.00	0
62.00	2/0

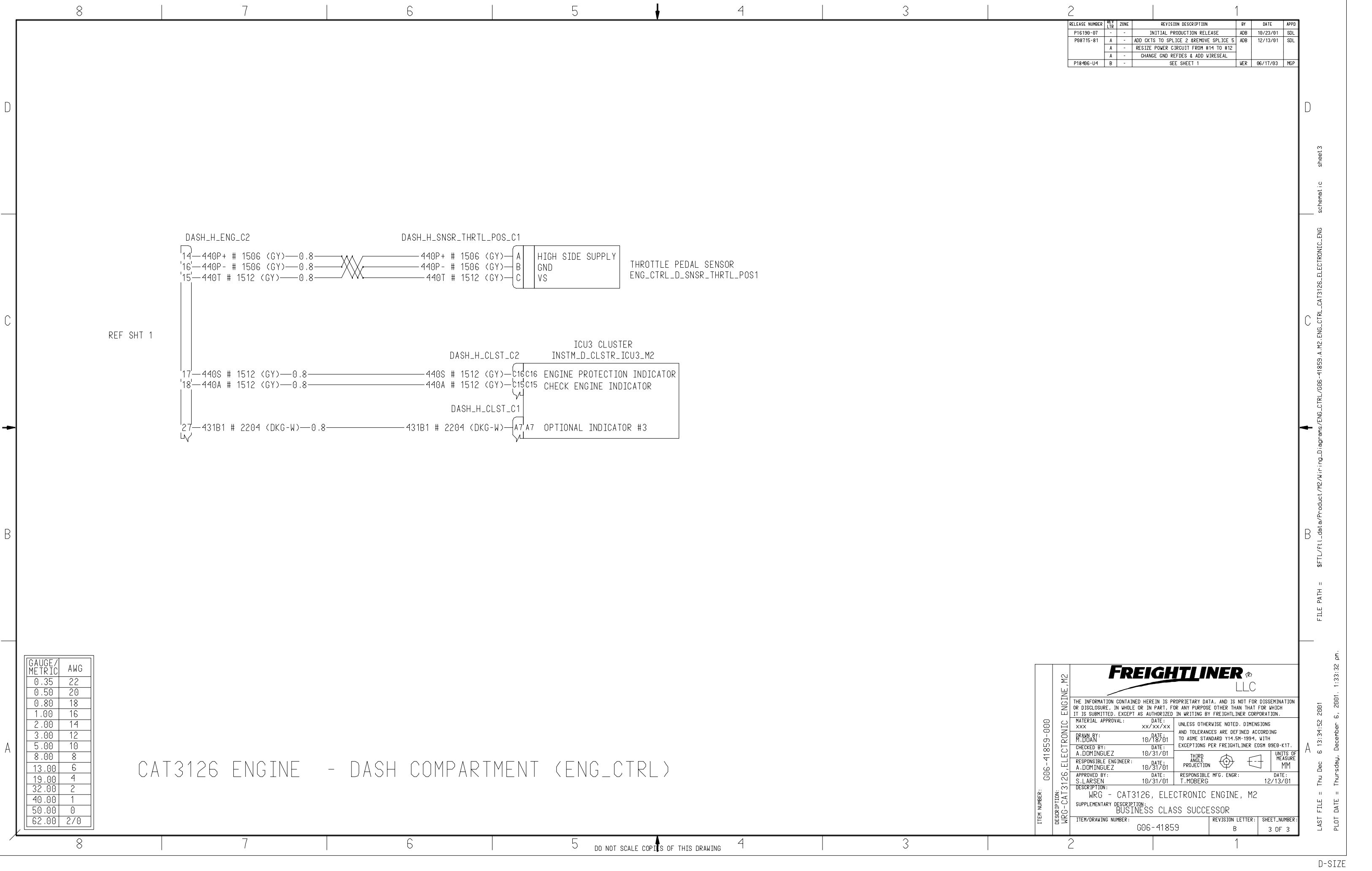
CAT3126 ENGINE - ENGINE COMPARTMENT (ENG_CTRL)

ITEM NUMBER: G06-41859-000	DESCRIPTION: WRG-CAT3126, ELECTRONIC ENGINE, M2	FREIGHTLINER ® LLC			
		THE INFORMATION CONTAINED HEREIN IS PROPRIETARY DATA, AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY FREIGHTLINER CORPORATION.			
		MATERIAL APPROVAL: xxx	DATE: xx/xx/xx	UNLESS OTHERWISE NOTED, DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ASME STANDARD Y14.5M-1994, WITH EXCEPTIONS PER FREIGHTLINER EOSH 0900-K17.	
		DRAWN BY: M. LOAN	DATE: 10/18/01	THIRD ANGLE PROJECTION	
		CHECKED BY: A. DOMINGUEZ	DATE: 10/31/01	UNITS OF MEASURE MM	
RESPONSIBLE ENGINEER: A. DOMINGUEZ		DATE: 10/31/01	RESPONSIBLE MFG. ENGR: T. MOBERG		DATE: 12/13/01
APPROVED BY: S. LARSEN					
DESCRIPTION: WRG - CAT3126, ELECTRONIC ENGINE, M2 SUPPLEMENTARY DESCRIPTION: BUSINESS CLASS SUCCESSOR					
ITEM/DRAWING NUMBER: G06-41859			REVISION LETTER: B		SHEET NUMBER: 2 OF 3

DO NOT SCALE COPIES OF THIS DRAWING

LAST FILE = Thu Dec 13 09:13:59 2001
PLOT DATE = Thursday, December 6, 2001, 1:34:02 pm.

D-SIZE



RELEASE NUMBER	REV LTR	ZONE	REVISION DESCRIPTION	BY	DATE	APPD
P16190-07	-	-	INITIAL PRODUCTION RELEASE	ADB	10/23/01	SDL
P08715-01	A	-	ADD CKTS TO SPLICE 2 & REMOVE SPLICE 5	ADB	12/13/01	SDL
	A	-	RESIZE POWER CIRCUIT FROM #14 TO #12			
	A	-	CHANGE GND REFDES & ADD WIRESEAL			
P18406-U4	B	-	SEE SHEET 1	WER	06/17/03	MGP

GAUGE/METRIC	AWG
0.35	22
0.50	20
0.80	18
1.00	16
2.00	14
3.00	12
5.00	10
8.00	8
13.00	6
19.00	4
32.00	2
40.00	1
50.00	0
62.00	2/0

CAT3126 ENGINE - DASH COMPARTMENT (ENG_CTRL)

ITEM NUMBER: G06-41859-000	DESCRIPTION: WRG-CAT3126, ELECTRONIC ENGINE, M2	FREIGHTLINER ® LLC				
		THE INFORMATION CONTAINED HEREIN IS PROPRIETARY DATA, AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY FREIGHTLINER CORPORATION.				
		MATERIAL APPROVAL: xxx		DATE: xx/xx/xx	UNLESS OTHERWISE NOTED, DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ASME STANDARD Y14.5M-1994, WITH EXCEPTIONS PER FREIGHTLINER EDSN 09E0-K17.	
		DRAWN BY: M. LOAN		DATE: 10/18/01		
		CHECKED BY: A. DOMINGUEZ		DATE: 10/31/01		
		RESPONSIBLE ENGINEER: A. DOMINGUEZ		DATE: 10/31/01		
		APPROVED BY: S. LARSEN		DATE: 10/31/01	RESPONSIBLE MFG. ENGR: T. MOBERG	DATE: 12/13/01
		DESCRIPTION: WRG - CAT3126, ELECTRONIC ENGINE, M2 SUPPLEMENTARY DESCRIPTION: BUSINESS CLASS SUCCESSOR				
		ITEM/DRAWING NUMBER: G06-41859		REVISION LETTER: B	SHEET NUMBER: 3 OF 3	