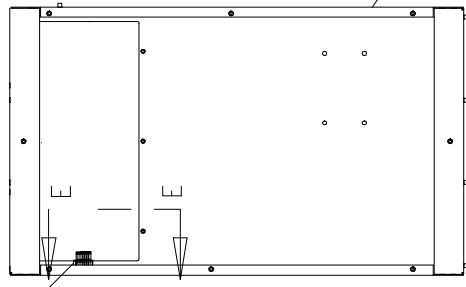
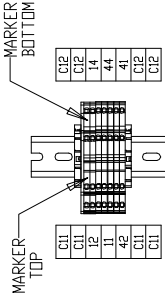
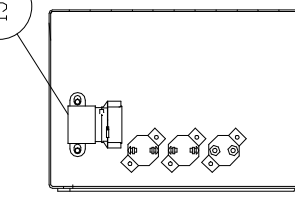
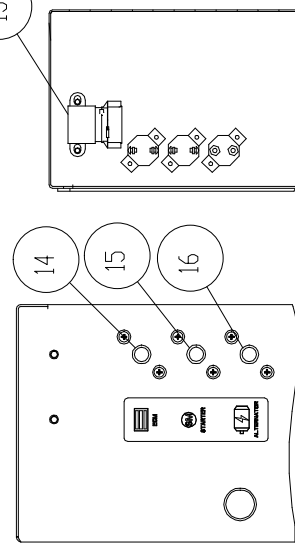
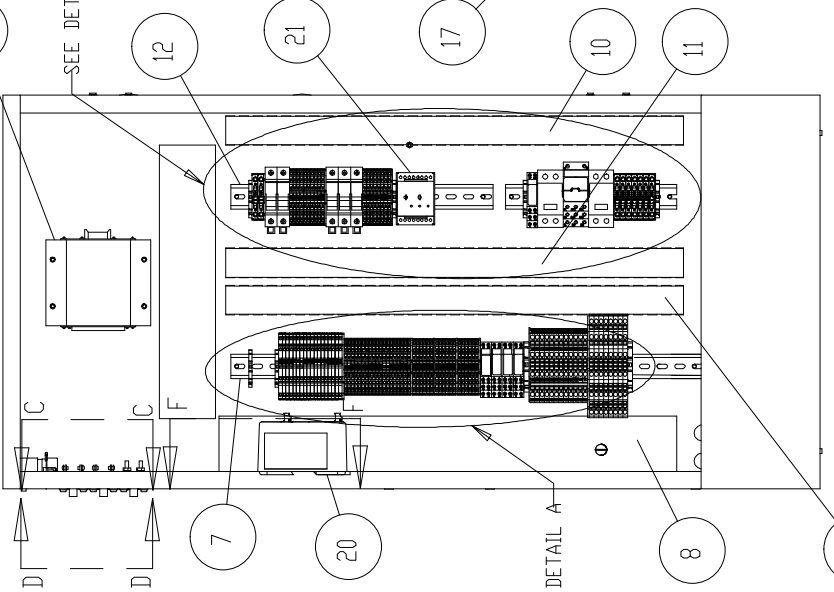
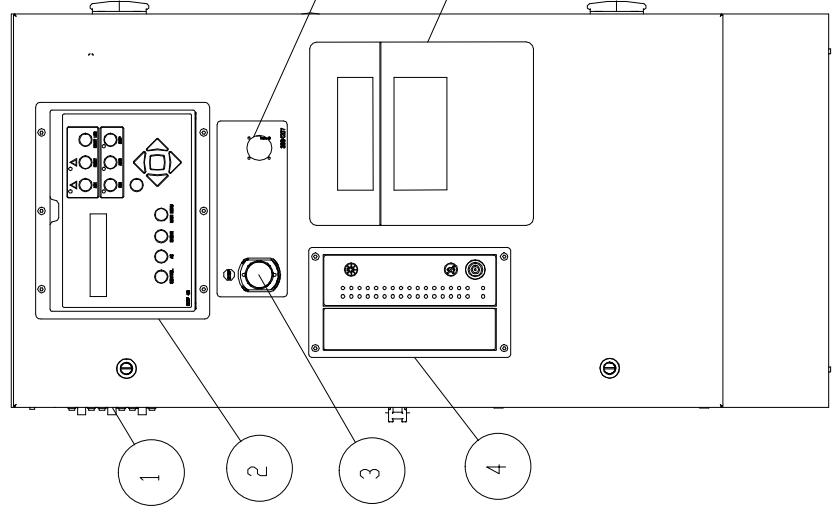


1 2 3 4



- 1 EMCP 4.2 CONTROL PANEL
- 2 EMCP 4.2, EMCP4.2B CONTROLLER
- 3 ESTOP PUSH BUTTON
- 4 RS485 ANNUNCIATOR (OPTIONAL)
- 5 SERVICE TOOL CONNECTOR
- 6 DOCUMENT HOLDER
- 7 LOW ENERGY TERMINAL STRIP (01,00,0D,AD)

- 8 LOW ENERGY-DC CONTROL PANEL WIRING DUCT
- 9 LOW ENERGY-DC CUSTOMER WIRING DUCT
- 10 HIGH ENERGY AC/DC CONTROL PANEL WIRING DUCT
- 11 HIGH ENERGY AC/DC CUSTOMER CONNECTION DUCT

- 12 HIGH ENERGY TERMINAL AC/DC STRIP
- 13 SWS RELAY
- 14 CIRCUIT BREAKER-ECM
- 15 CIRCUIT BREAKER-STARTER
- 16 CIRCUIT BREAKER-ALTERNATOR
- 17 BREAKER TERMINAL STRIP (OPTIONAL BREAKER)
- 18 BREAKER BOX

- 19 OPTIONAL DIO MODULE
- 20 OPTIONAL DEVICE SERVER
- 21 OPTIONAL GROUND FAULT RELAY

FOR NOTES SEE SHEET 1
COMPONENT LAYOUT

1E5167A	INT-FRDP	REVISION PRIMARY	X
1E2722F	DRAWING	TYPE SECONDARY	
1E0198V	BRAND MARKINGS	DATE	
1E0013Y	CONFIDENTIALITY	SHEET 2 OF 17	
1E0002A	INTERPRETATION	PROJECT	1V973
1E0001I	INTPR. & TOL	PROJECT	
Caterpillar: Confidential Yellow			
PLEASE MESSAGE DESIGNED IN THE BASIC			
DATE ISSUED FOR THE BASIC			
PROJECT			



DIAGRAM-WIRING
(EMCP4.2, EMCP4.2B)
390-1189

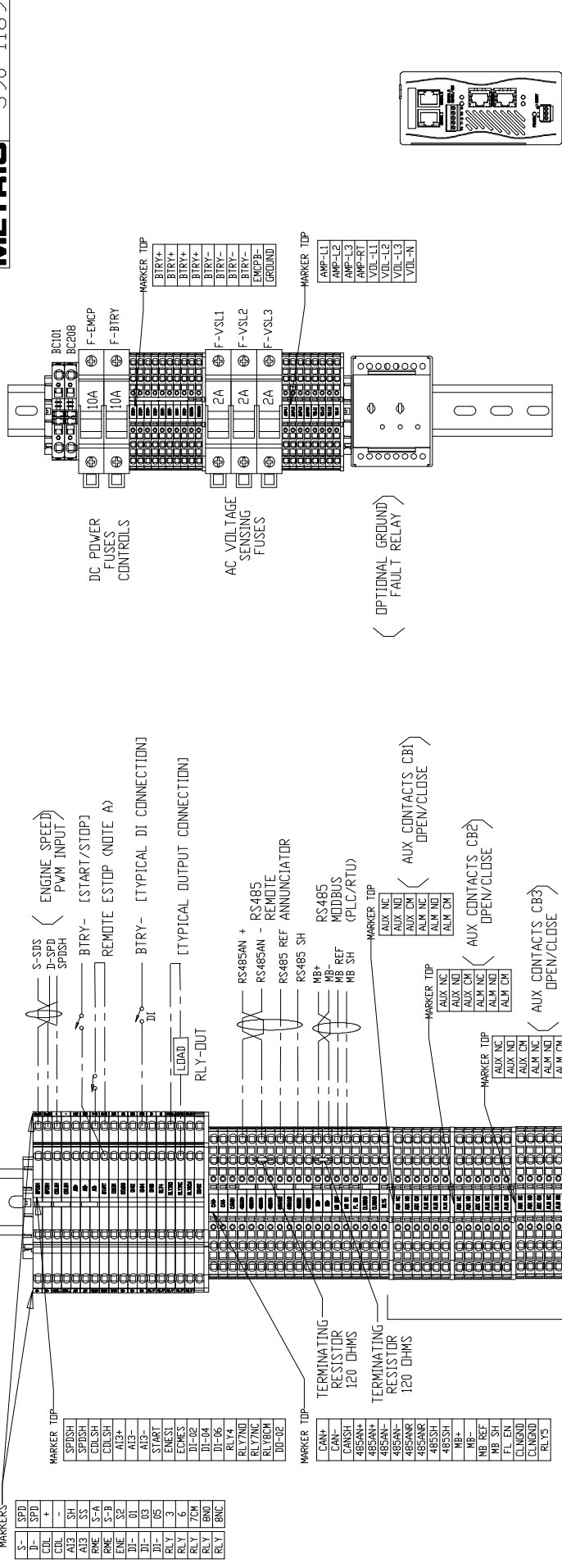
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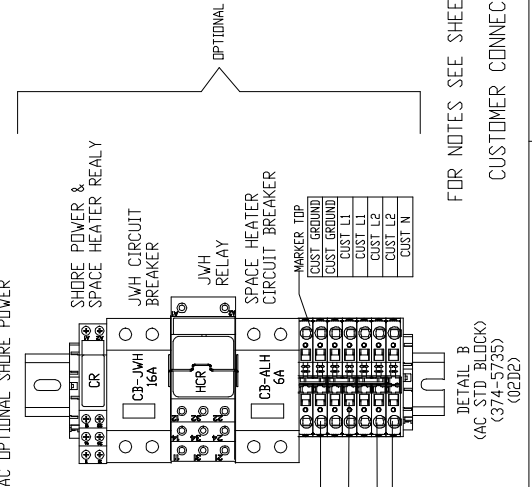
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**SECTION F-F
(OPTIONAL DEVICE SERVER)
(02D03)**

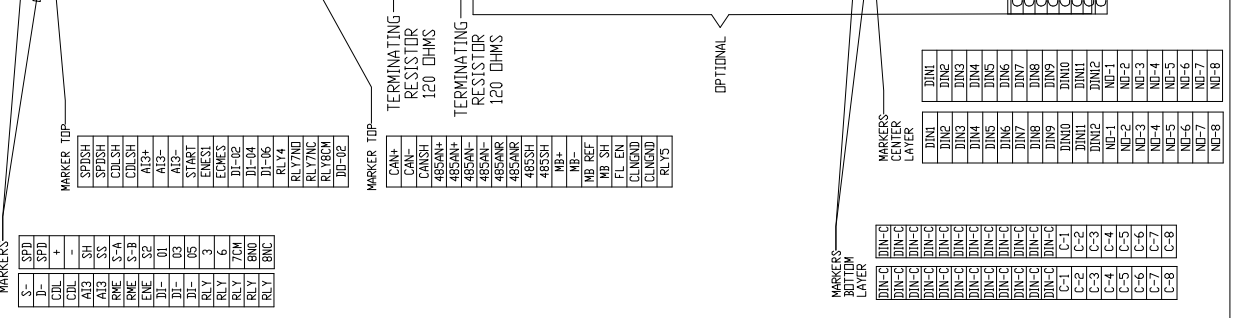
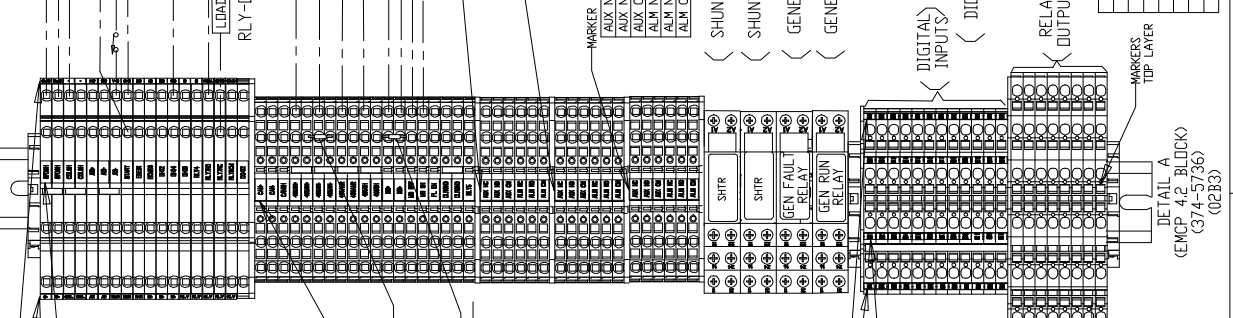
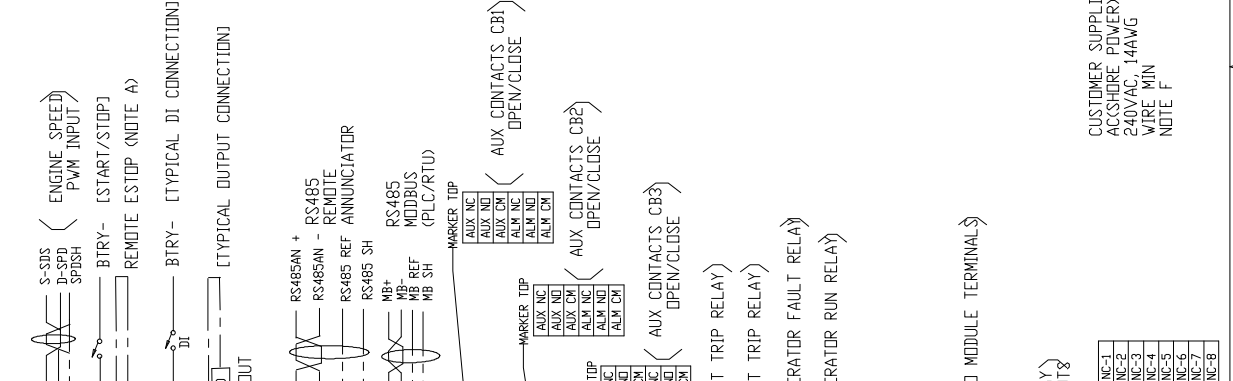
REV	DESCRIPTION	DATE	BY
1	ISSUES DESCRIBED AS NOT IN THE BASIC DRAWING FOR THE PROJECT	08/11/17	
2	PROJECT CHANGE	08/11/17	
3	PROJECT CHANGE	08/11/17	
4	PROJECT CHANGE	08/11/17	
5	PROJECT CHANGE	08/11/17	

DESIGN PRIMARY
 TYPE SECONDARY
 DATE FOR THE YEAR
 SHEET 3 OF 17
 PROJECT
 08/11/17 W/273



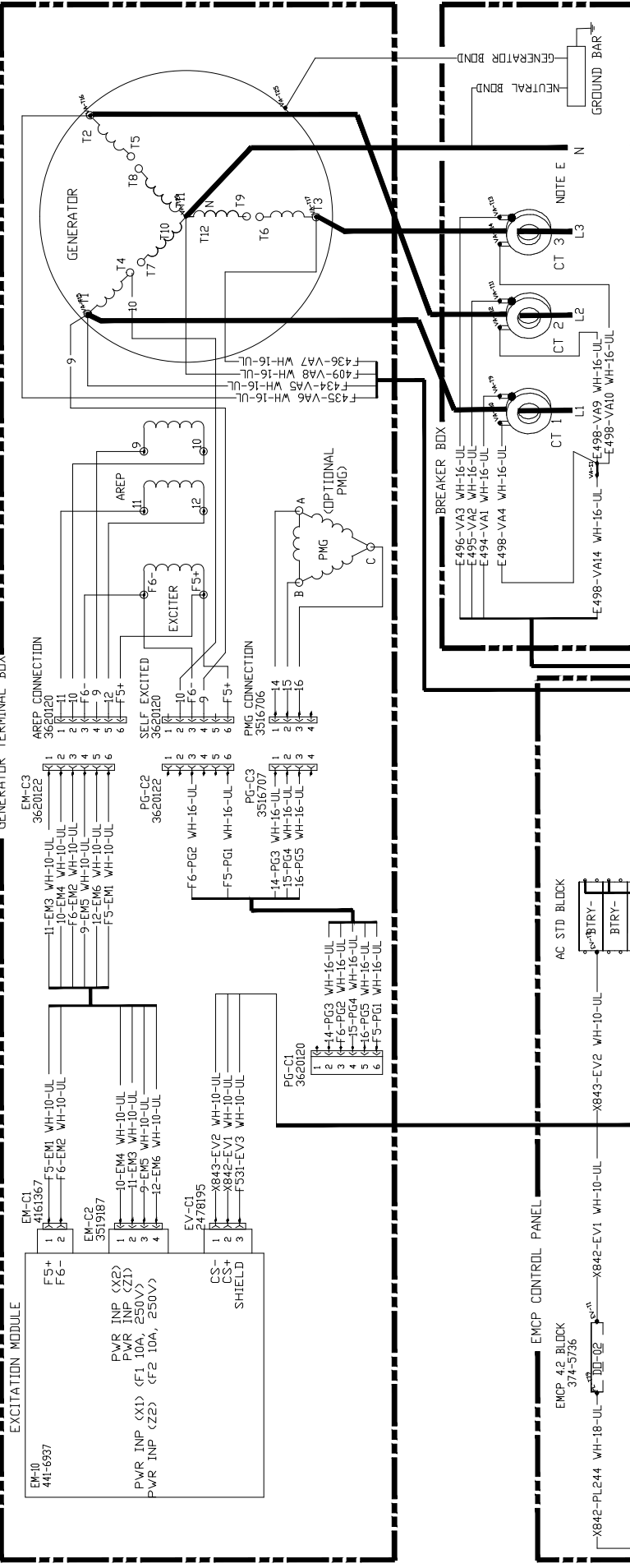
FOR NOTES SEE SHEET 1
CUSTOMER CONNECTION

DETAIL B
(AC STD BLOCK)
(374-5735)
(02E2)



DIN1	DIN2	DIN3	DIN4	DIN5	DIN6	DIN7	DIN8	DIN9	DIN10	DIN11	DIN12	NI-1	NI-2	NI-3	NI-4	NI-5	NI-6	NI-7	NI-8
DIN-C1	DIN-C2	DIN-C3	DIN-C4	DIN-C5	DIN-C6	DIN-C7	DIN-C8	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8				

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4



1	IE5167A	INT-FRUP
2	IE272F	DRAWING
3	IE0198W	BRAND MARKINGS
4	IE0013Y	CONFIDENTIALITY
5	IE0002A	INTERPRETATION
6	IE1E001	INTPRE & TOL
7	IE0001	Interpollar: Confidential Yellow

UNLESS OTHERWISE SPECIFIED, USE THE FOLLOWING DIMENSIONS FOR THE BASIC DIMENSIONS OF THE DRAWING:

UNIT	TYPE	PRIMARY
INCHES	FRAC	1/16
MILLIMETERS	DEC	0.1

PROJECTION: FIRST ANGLE

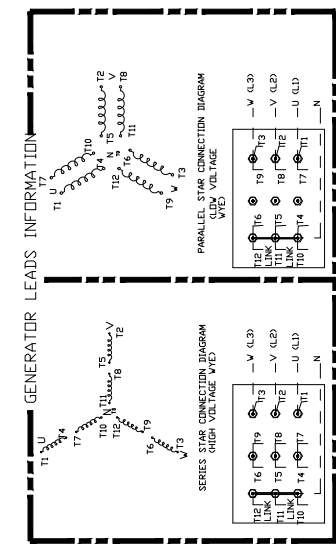
SHEET 4 OF 17

DATE: 11/27/73

CATERPILLAR

DIAGRAM-WIRING (EMCP4.2, EMCP4.2B)

390-1189 - 10



FOR NOTES SEE SHEET 1
AC - WIRING

EXCITATION MODULE

EM-10 441-6937

EM-C1 4161367

FS+ F6-

EM-C2 3519187

10-EM4 WH-10-UL

11-EM3 WH-10-UL

9-EM5 WH-10-UL

12-EM6 WH-10-UL

PWR INP (X2)

PWR INP (X1) (F1 10A, 250V)

PWR INP (X2) (F2 10A, 250V)

EV-C1 478195

X843-EV2 WH-10-UL

X842-EV1 WH-10-UL

F531-EV3 WH-10-UL

SHIELD

CS+ CS-

EM-C3 3620122

11-EM3 WH-10-UL

10-EM4 WH-10-UL

9-EM5 WH-10-UL

12-EM6 WH-10-UL

AREP CONNECTION

3620120

1 11

2 10

3 9

4 8

5 7

6 6

SELF EXCITED

3620120

1 11

2 10

3 9

4 8

5 7

6 6

PMG CONNECTION

3516706

1 14

2 13

3 12

4 11

5 10

6 9

PG-C1 3620120

1 14

2 13

3 12

4 11

5 10

6 9

PG-C2 3620122

1 14

2 13

3 12

4 11

5 10

6 9

PG-C3 3516707

1 14

2 13

3 12

4 11

5 10

6 9

EMCP CONTROL PANEL

EMCP 4.2 BLOCK 374-5736

X842-PL244 WH-18-UL

X842-EV1 WH-10-UL

F531-EV3 WH-10-UL

X843-EV2 WH-10-UL

F409-VAB WH-16-UL

F488-PL9 WH-16-UL

E487-VA12 WH-16-UL

E486-PL13 WH-16-UL

E498-PL39 WH-16-UL

E496-PL57 WH-16-UL

E495-PL47 WH-16-UL

E494-PL31 WH-16-UL

E485-VA13 WH-16-UL

E484-VA14 WH-16-UL

E483-VA15 WH-16-UL

E482-VA16 WH-16-UL

E481-VA17 WH-16-UL

E480-VA18 WH-16-UL

E479-VA19 WH-16-UL

E478-VA20 WH-16-UL

E477-VA21 WH-16-UL

E476-VA22 WH-16-UL

E475-VA23 WH-16-UL

E474-VA24 WH-16-UL

E473-VA25 WH-16-UL

E472-VA26 WH-16-UL

E471-VA27 WH-16-UL

E470-VA28 WH-16-UL

E469-VA29 WH-16-UL

E468-VA30 WH-16-UL

E467-VA31 WH-16-UL

E466-VA32 WH-16-UL

E465-VA33 WH-16-UL

E464-VA34 WH-16-UL

E463-VA35 WH-16-UL

E462-VA36 WH-16-UL

E461-VA37 WH-16-UL

E460-VA38 WH-16-UL

E459-VA39 WH-16-UL

E458-VA40 WH-16-UL

E457-VA41 WH-16-UL

E456-VA42 WH-16-UL

E455-VA43 WH-16-UL

E454-VA44 WH-16-UL

E453-VA45 WH-16-UL

E452-VA46 WH-16-UL

E451-VA47 WH-16-UL

E450-VA48 WH-16-UL

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E447-VA51 WH-16-UL

E446-VA52 WH-16-UL

E445-VA53 WH-16-UL

E444-VA54 WH-16-UL

E443-VA55 WH-16-UL

E442-VA56 WH-16-UL

E441-VA57 WH-16-UL

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E432-VA66 WH-16-UL

E431-VA67 WH-16-UL

E430-VA68 WH-16-UL

E429-VA69 WH-16-UL

E428-VA70 WH-16-UL

E427-VA71 WH-16-UL

E426-VA72 WH-16-UL

E425-VA73 WH-16-UL

E424-VA74 WH-16-UL

E423-VA75 WH-16-UL

E422-VA76 WH-16-UL

E421-VA77 WH-16-UL

E420-VA78 WH-16-UL

E419-VA79 WH-16-UL

E418-VA80 WH-16-UL

E417-VA81 WH-16-UL

E416-VA82 WH-16-UL

E415-VA83 WH-16-UL

E414-VA84 WH-16-UL

E413-VA85 WH-16-UL

E412-VA86 WH-16-UL

E411-VA87 WH-16-UL

E410-VA88 WH-16-UL

E409-VA89 WH-16-UL

E408-VA90 WH-16-UL

E407-VA91 WH-16-UL

E406-VA92 WH-16-UL

E405-VA93 WH-16-UL

E404-VA94 WH-16-UL

E403-VA95 WH-16-UL

E402-VA96 WH-16-UL

E401-VA97 WH-16-UL

E400-VA98 WH-16-UL

E399-VA99 WH-16-UL

E398-VA100 WH-16-UL

EMCP

AC-PL-C1 1607689

DISCRETE SINKING D/P 2 68

Ia GEN IN 31

Ib GEN IN 47

Ic GEN IN 57

IaC COMMON 39

va GEN IN 13

vb GEN IN 11

vc GEN IN 9

GEN aC NEUTRAL 7

1

2

3

4

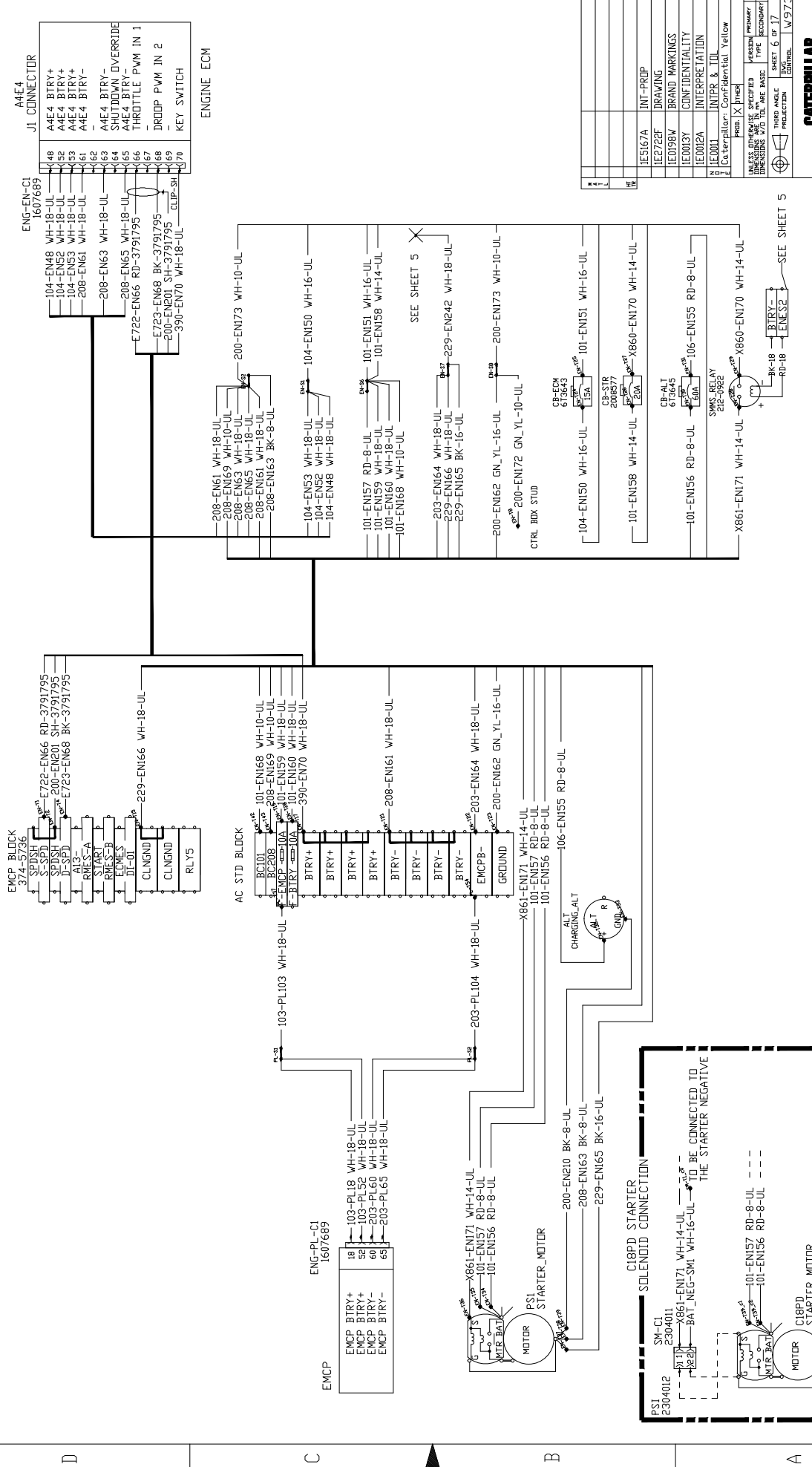
1

2

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4

1 2 3 4



1	2	3	4
ES167A	INT-PROP		
IE272F	DRAWING		
IE098V	BRAND MARKINGS		
IE003Y	CONFIDENTIALITY		
IE002A	INTERPRETATION		
IE1001	INTPRE. & TOL		
IE	Caterpillar: Confidential Yellow		
IE	IES167A	INT-PROP	
IE	IE272F	DRAWING	
IE	IE098V	BRAND MARKINGS	
IE	IE003Y	CONFIDENTIALITY	
IE	IE002A	INTERPRETATION	
IE	IE1001	INTPRE. & TOL	
IE	IE	Caterpillar: Confidential Yellow	

1607689

ENGINE ECM

EMPF BLOCK
374-5736
SPDSH
S-SPD
SPDSH
D-SPD
AL3
SW-SB
SW-SB
SW-SB
DI-UL
CLNGND
CLNGND
RILYS

AC STD BLOCK
BC001
BC208
EMCP
BTRY
BTRY+
BTRY+
BTRY+
BTRY+
BTRY-
BTRY-
BTRY-
BTRY-
EMCPB-
GROUND
X861-EN171 WH-14-UL
101-EN157 RD-8-UL
101-EN157 RD-8-UL
101-EN156 RD-8-UL
106-EN155 RD-8-UL
AL3 CHARGING ALT

ENGINE PL-CI
1607689
EMCP BTRY+
EMCP BTRY+
EMCP BTRY-
EMCP BTRY-
103-PL18 WH-18-UL
103-PL32 WH-18-UL
203-PL60 WH-18-UL
203-PL63 WH-18-UL
103-PL103 WH-18-UL
203-PL104 WH-18-UL
X861-EN171 WH-14-UL
101-EN157 RD-8-UL
101-EN156 BK-8-UL
200-EN210 BK-8-UL
208-EN163 BK-8-UL
229-EN165 BK-16-UL
X861-EN171 WH-14-UL
101-EN157 RD-8-UL
101-EN156 RD-8-UL
106-EN155 RD-8-UL
CHARGING ALT

ENGINE ECM
ENG-EN-CI
1607689
A4E4
A4E4 BTRY+
A4E4 BTRY+
A4E4 BTRY-
A4E4 BTRY-
A4E4 BTRY-
A4E4 BTRY-
SHUTDOWN OVERRIDE
A4E4 BTRY-
THRUTTLE PWM IN 1
DROOP PWM IN 2
KEY SWITCH

DIAGRAM-WIRING
(EMCP4.2, EMCP4.2.B)

390-1189 - 10

10

FOR NOTES SEE SHEET 1
ENGINE INTERFACE - WIRING

1	2	3	4
ES167A	INT-PROP		
IE272F	DRAWING		
IE098V	BRAND MARKINGS		
IE003Y	CONFIDENTIALITY		
IE002A	INTERPRETATION		
IE1001	INTPRE. & TOL		
IE	Caterpillar: Confidential Yellow		
IE	IES167A	INT-PROP	
IE	IE272F	DRAWING	
IE	IE098V	BRAND MARKINGS	
IE	IE003Y	CONFIDENTIALITY	
IE	IE002A	INTERPRETATION	
IE	IE1001	INTPRE. & TOL	
IE	IE	Caterpillar: Confidential Yellow	

1607689

ENGINE ECM

EMPF BLOCK
374-5736
SPDSH
S-SPD
SPDSH
D-SPD
AL3
SW-SB
SW-SB
SW-SB
DI-UL
CLNGND
CLNGND
RILYS

AC STD BLOCK
BC001
BC208
EMCP
BTRY
BTRY+
BTRY+
BTRY+
BTRY+
BTRY-
BTRY-
BTRY-
BTRY-
EMCPB-
GROUND
X861-EN171 WH-14-UL
101-EN157 RD-8-UL
101-EN157 RD-8-UL
101-EN156 RD-8-UL
106-EN155 RD-8-UL
AL3 CHARGING ALT

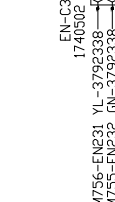
ENGINE PL-CI
1607689
EMCP BTRY+
EMCP BTRY+
EMCP BTRY-
EMCP BTRY-
103-PL18 WH-18-UL
103-PL32 WH-18-UL
203-PL60 WH-18-UL
203-PL63 WH-18-UL
103-PL103 WH-18-UL
203-PL104 WH-18-UL
X861-EN171 WH-14-UL
101-EN157 RD-8-UL
101-EN156 BK-8-UL
200-EN210 BK-8-UL
208-EN163 BK-8-UL
229-EN165 BK-16-UL
X861-EN171 WH-14-UL
101-EN157 RD-8-UL
101-EN156 RD-8-UL
106-EN155 RD-8-UL
CHARGING ALT

ENGINE ECM
ENG-EN-CI
1607689
A4E4
A4E4 BTRY+
A4E4 BTRY+
A4E4 BTRY-
A4E4 BTRY-
A4E4 BTRY-
A4E4 BTRY-
SHUTDOWN OVERRIDE
A4E4 BTRY-
THRUTTLE PWM IN 1
DROOP PWM IN 2
KEY SWITCH

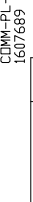
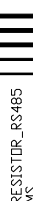
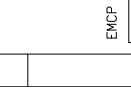
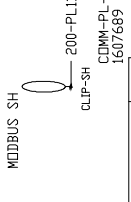
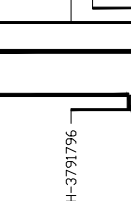
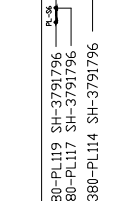
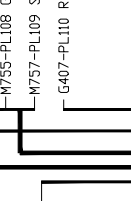
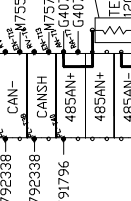
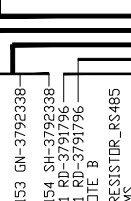
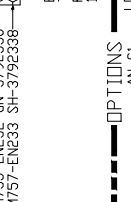
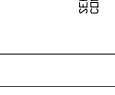
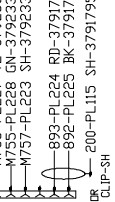
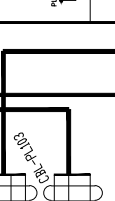
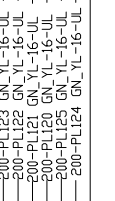
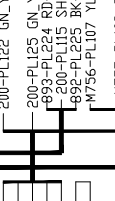
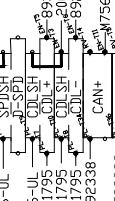
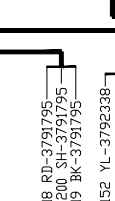
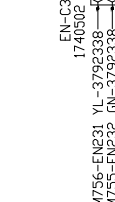
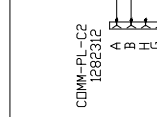
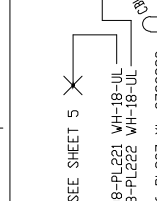
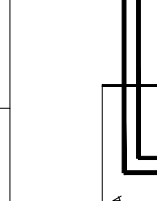
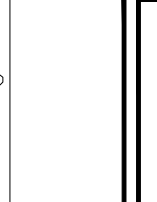
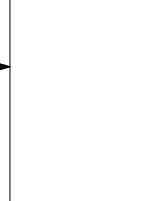
METRIC 390-1189

A4E4
 CLIP-SH CDMW-EN-C1
 1607689

- 893-EN8 RD-3791795
- 892-EN9 BK-3791795
- W755-EN34 GN-3792338
- W757-EN42 SH-3792338
- M756-EN50 YL-3792338



- 200-EN200 SH-3791795
- 893-EN8 RD-3791795
- 892-EN9 BK-3791795
- W755-EN34 GN-3792338
- W757-EN42 SH-3792338
- M756-EN50 YL-3792338



ENGINE ECM

PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	108-AN5 WH-18-UL
RS485 (-)	208-AN6 WH-18-UL
CANI (+)	G407-ANI RD-3791796
CANI (-)	G408-AN2 BK-3791796
CANI (+)	G409-AN3 GY-3791796
CANI (SH)	A380-AN4 SH-3791796
RS-485 (+)	CLIP-SH
RS-485 (-)	
RS485 REF	

ENGINE ECM

PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	108-RA5 WH-18-UL
RS485 (-)	208-RA6 WH-18-UL
CANI (+)	G407-RA1 RD-3791796
CANI (-)	G408-RA2 BK-3791796
CANI (+)	G409-RA3 GY-3791796
CANI (SH)	A380-RA4 SH-3791796
RS-485 (+)	CLIP-SH
RS-485 (-)	
RS485 REF	

ENGINE ECM

PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	200-PL122 GN_YL-16-UL
RS485 (-)	200-PL125 GN_YL-16-UL
CANI (+)	893-PL224 RD-3791795
CANI (-)	200-PL115 SH-3791795
CANI (+)	892-PL225 BK-3791795
CANI (SH)	M756-PL107 YL-3792338
RS-485 (+)	
RS-485 (-)	
RS485 REF	

ENGINE ECM

PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	M755-PL108 GN-3792338
RS485 (-)	M757-PL109 SH-3792338
CANI (+)	G407-PL110 RD-3791796
CANI (-)	485AN-1
CANI (+)	485ANR
CANI (SH)	G409-PL112 GY-3791796
RS-485 (+)	485AN-2
RS-485 (-)	485ANR
RS485 REF	A380-PL119 SH-3791796

ENGINE ECM

PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	200-PL123 GN_YL-16-UL
RS485 (-)	485SH
CANI (+)	R951-PL5 RD-3791796
CANI (-)	R952-PL3 BK-3791796
CANI (+)	R953-PL4 GY-3791796
CANI (SH)	200-PL116 SH-3791796
RS-485 (+)	
RS-485 (-)	
RS485 REF	

ENGINE ECM

PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	M756-EN231 YL-3792338
RS485 (-)	M757-EN233 SH-3792338
CANI (+)	M755-EN152 YL-3792338
CANI (-)	M757-EN154 SH-3792338
CANI (+)	M755-EN232 GN-3792338
CANI (SH)	
RS-485 (+)	
RS-485 (-)	
RS485 REF	

ENGINE ECM

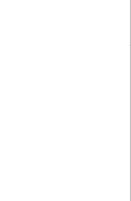
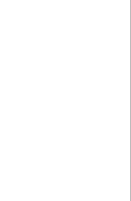
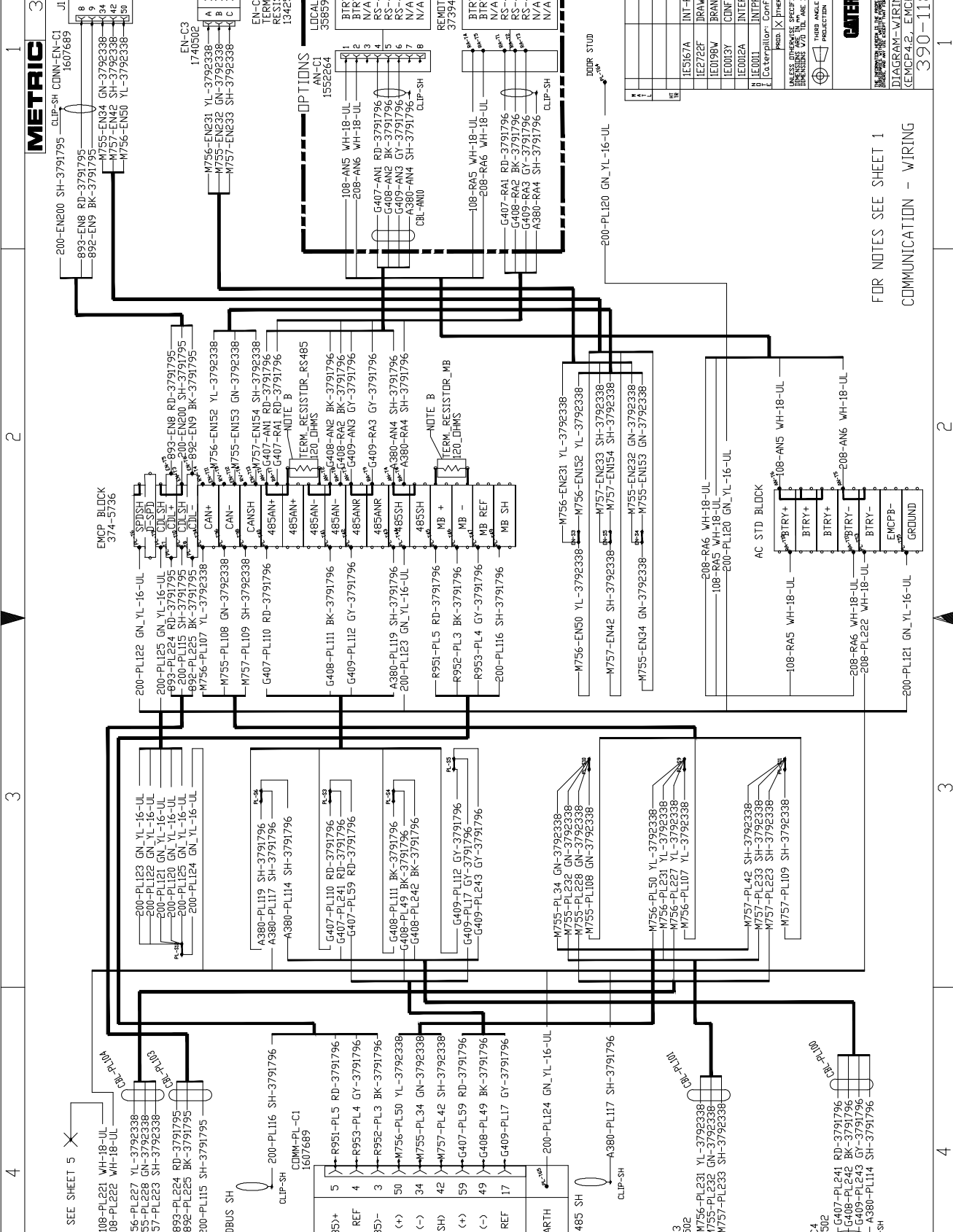
PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	208-RA6 WH-18-UL
RS485 (-)	108-RA5 WH-18-UL
CANI (+)	200-PL120 GN_YL-16-UL
CANI (-)	
CANI (+)	
CANI (SH)	
RS-485 (+)	
RS-485 (-)	
RS485 REF	

ENGINE ECM

PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	M755-PL34 GN-3792338
RS485 (-)	M757-PL232 GN-3792338
CANI (+)	M756-PL228 GN-3792338
CANI (-)	M755-PL108 GN-3792338
CANI (+)	M756-PL50 YL-3792338
CANI (-)	M757-PL301 YL-3792338
CANI (+)	M756-PL227 YL-3792338
CANI (SH)	M756-PL107 YL-3792338
RS-485 (+)	
RS-485 (-)	
RS485 REF	

ENGINE ECM

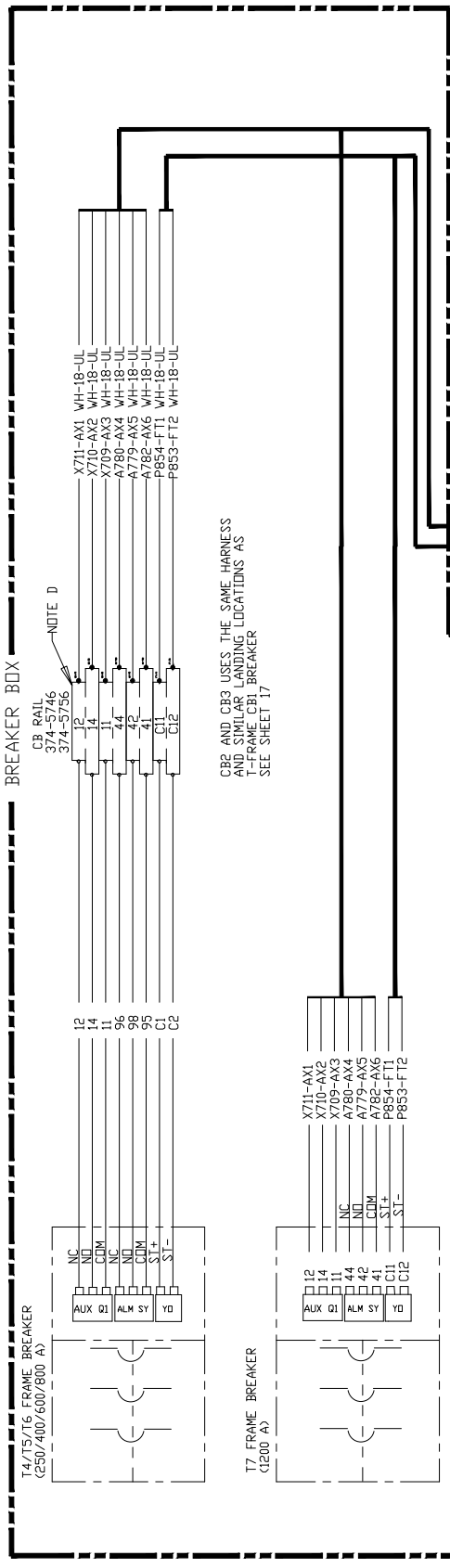
PL-CAN TERMINATING RESISTOR 1342540	OPTIONALS
RS485 (+)	M757-PL42 SH-3792338
RS485 (-)	M757-PL53 SH-3792338
CANI (+)	M757-PL223 SH-3792338
CANI (-)	
CANI (+)	
CANI (SH)	
RS-485 (+)	
RS-485 (-)	
RS485 REF	



FOR NOTES SEE SHEET 1
 COMMUNICATION - WIRING

CATERPILLAR
 DIAGRAM-WIRING
 (EMCP4.2, EMCP4.2B)
 390-1189

W257
 W573
 W576
 W577
 W578
 W579
 W580
 W581
 W582
 W583
 W584
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 W600



NOTE D
CB RAIL
374-5746
374-5756

CB2 AND CB3 USES THE SAME HARNESS
AND SIMILAR LANDING LOCATIONS AS
TYPICAL CB1 BREAKER
SEE SHEET 17

CB AUX CONTACTS
390-1204

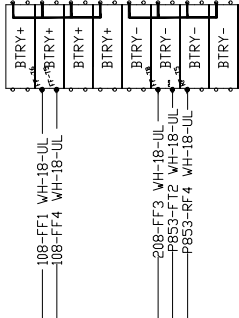
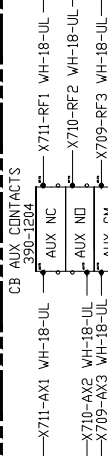
AC STD BLOCK

1E5167A	INT-FRQP	REVISION	PRIMARY
1E2722F	DRAWING	DATE	10/17
1E0198W	BRAND MARKINGS	PROJECT	W973
1E0013Y	CONFIDENTIALITY	SHEET	8 OF 17
1E0012A	INTERPRETATION	DESIGNED BY	
1E1E001	INTPRE & TOL	DRAWN BY	
Caterpillar: Confidential Yellow			

CATERPILLAR

DIAGRAM-WIRING
(EMCP4.2, EMCP4.2B)

390-1189 - 10



EMCP BLOCK
374-5736

SEE SHEET 5

FOR NOTES SEE SHEET 1

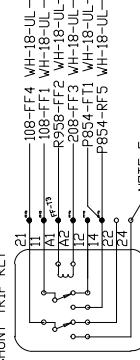
DC/CIRCUIT BREAKERS OPTIONAL - WIRING

T4/T5/T6 FRAME BREAKER
(2500/4000/6000/8000 A)

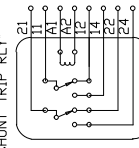
T7 FRAME BREAKER
(2000 A)

R FRAME
(1600/2000/2500/3000 A)

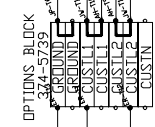
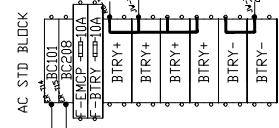
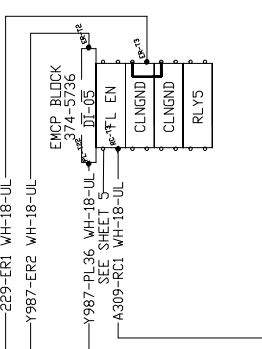
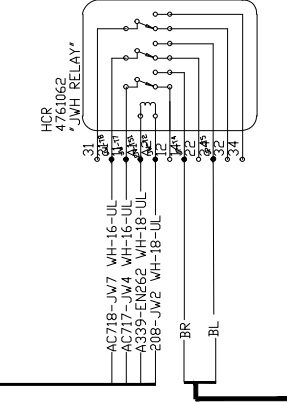
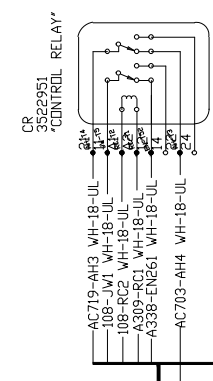
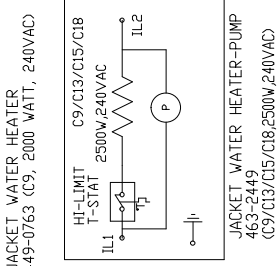
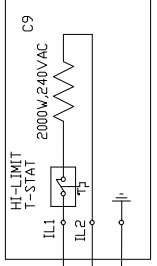
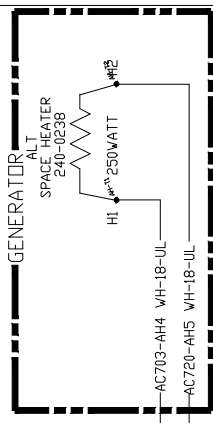
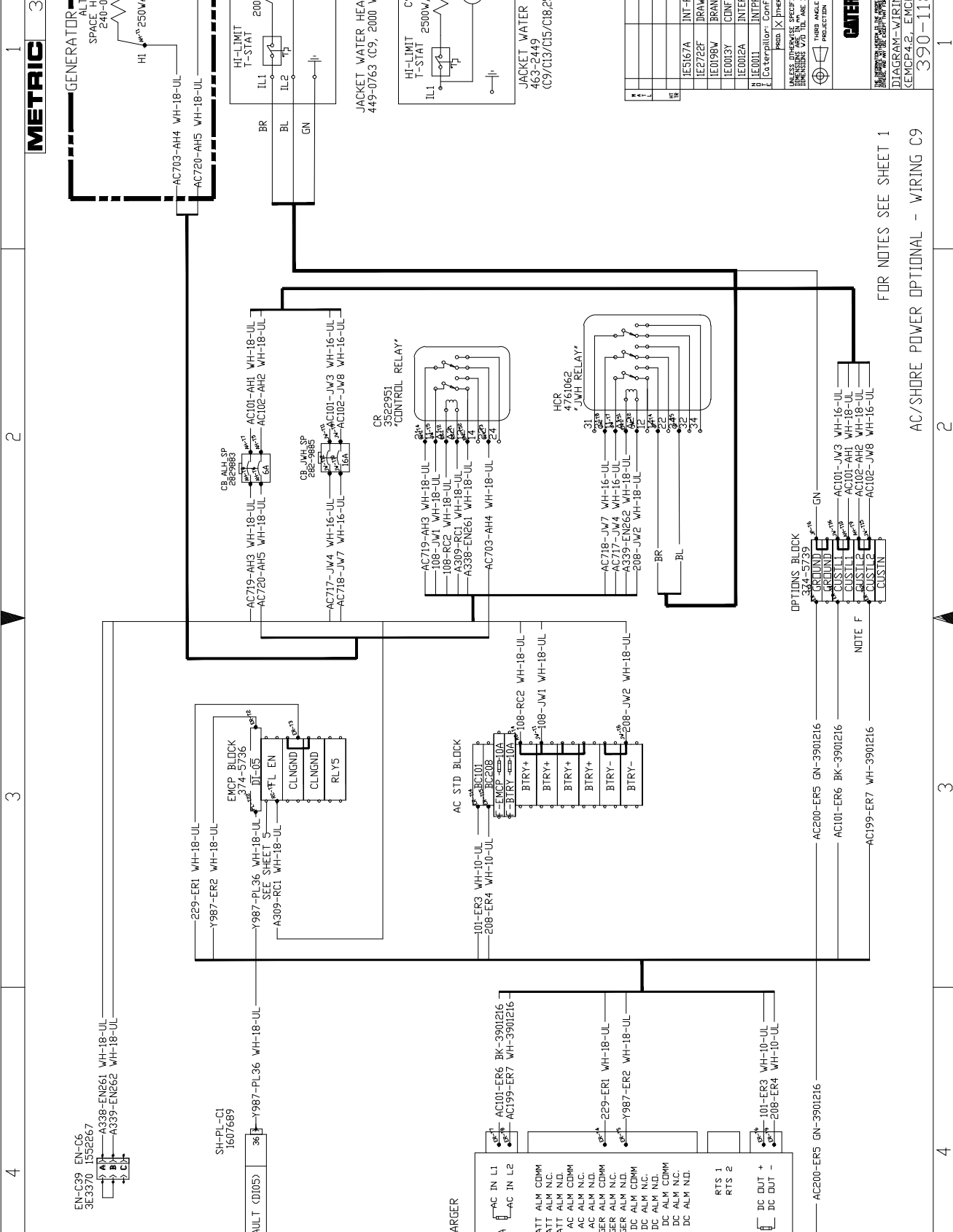
SHTR
3522951
SHUNT TRIP RLY



SHTR
3522951
SHUNT TRIP RLY



RELAY USED FOR CB3 WIRING
AND CONNECTIONS ARE SIMILAR
AS T-FRAME CB1



1 2 3 4

EN-C39 EN-C6
3E3370 1592267

SH-PI-C1
1607689

EMCP
BTRY CHARGER FAULT (DIOS)

BTRY CHARGER
339-5956

10A AC IN L1 AC IN L2
BATT ALM CDM
BATT ALM N.C.
BATT ALM N.D.
CHARGER ALM CDM
CHARGER ALM N.C.
CHARGER ALM N.D.
HI DC ALM CDM
HI DC ALM N.C.
HI DC ALM N.D.
LOW DC ALM CDM
LOW DC ALM N.C.
LOW DC ALM N.D.
RTS 1
RTS 2
DC DUT +
DC DUT -

AC200-ER5 GN-3901216

AC101-ER6 BK-3901216

AC199-ER7 WH-3901216

AC200-ER5 GN-3901216

AC101-ER6 BK-3901216

AC199-ER7 WH-3901216

AC200-ER5 GN-3901216

NOTE F

NOTE F

NOTE F

NOTE F

NOTE F

FOR NOTES SEE SHEET 1

AC/SHORE POWER OPTIONAL - WIRING C9

390-1189

10

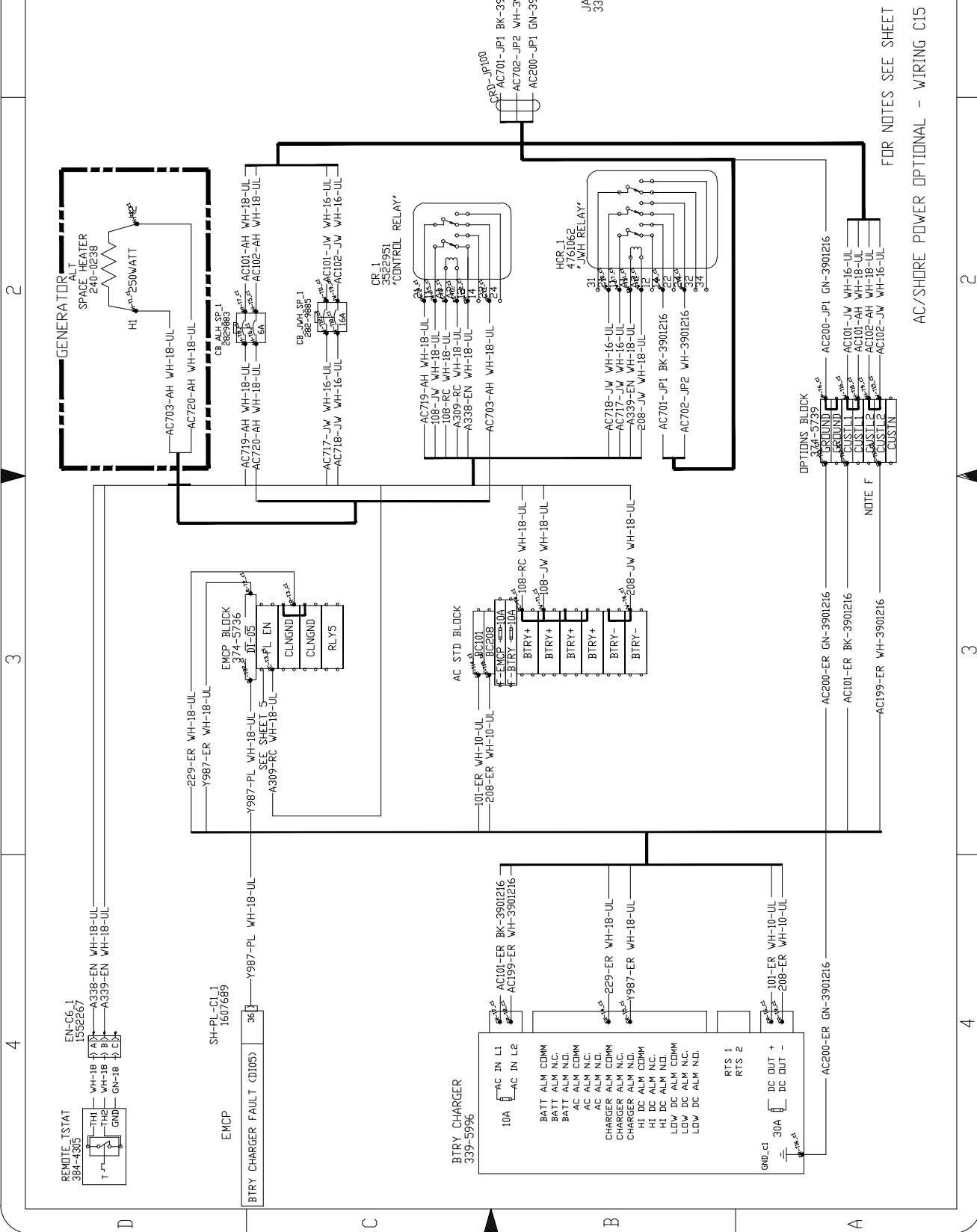
CATERPILLAR

Table with columns: PART NO., QTY, UOM, DESCRIPTION, REVISION, DATE, DRAWN BY, CHECKED BY, APPROVED BY. Includes part numbers like 1E5167A, 1E2722F, 1E0198W, 1E0003Y, 1E0002A, 1E10001.

DIAGRAM-WIRING
(EMCP4.2, EMCP4.2B)

390-1189

10



REVISION	DESCRIPTION	DATE	BY	CHK
1	ISSUED FOR PRODUCTION	10/17		

SECTION	DESCRIPTION	DATE	BY	CHK
1	INT-PRIP			
2	BRAND MARKINGS			
3	CONFIDENTIALITY			
4	INTERPRETATION			
5	INTPRE & TOL			

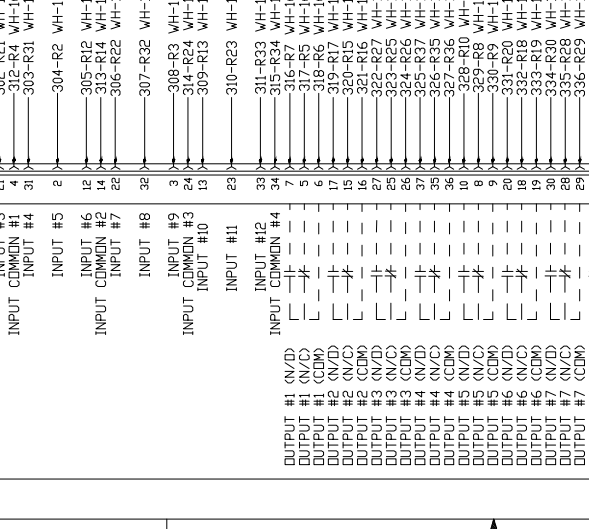
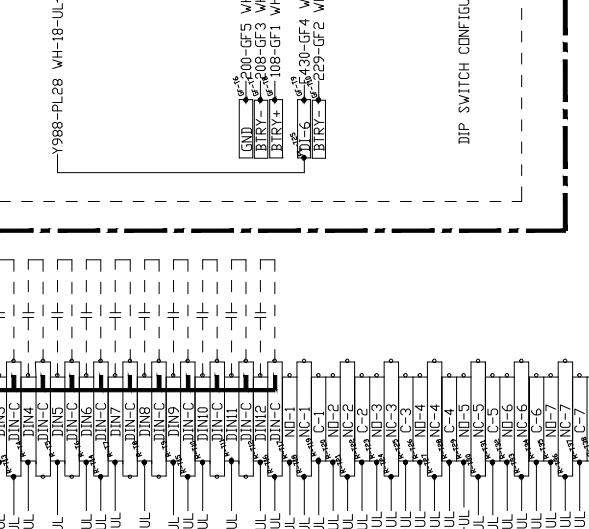
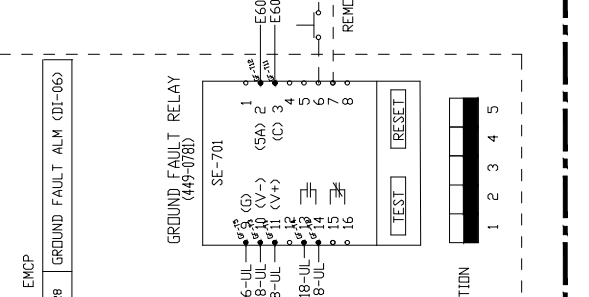
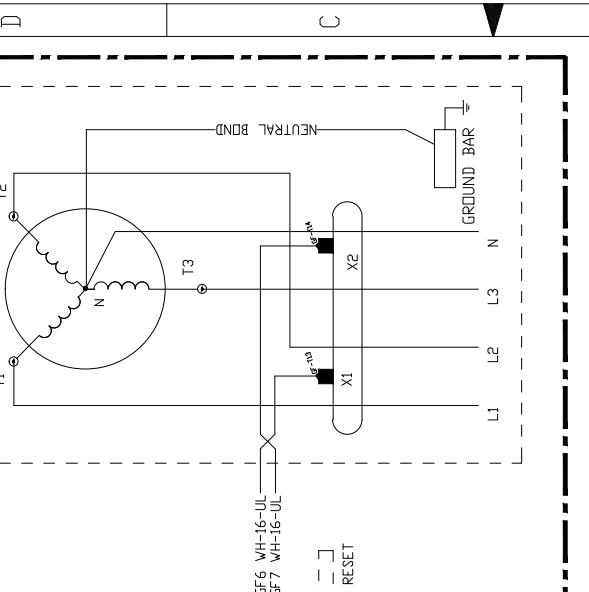
DIAGRAM-WIRING
(EMCP4.2, EMCP4.2B)

CATERPILLAR
390-1189 - 10

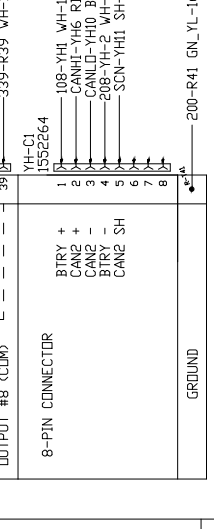
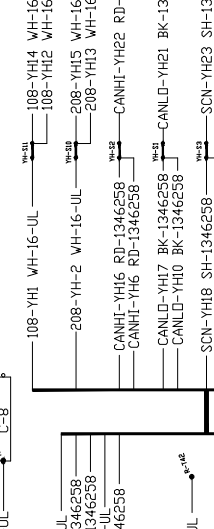
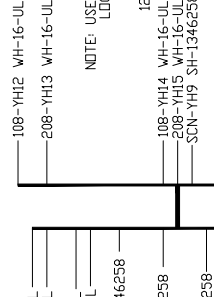
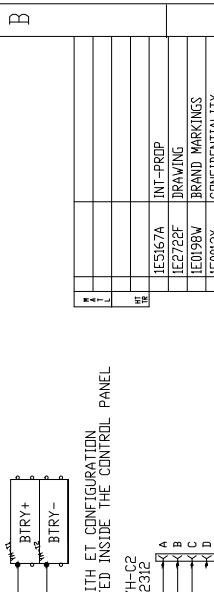
OPTIONAL DI0 MODULE
EMCP BLOCK
374-5736

OPTIONAL DI0 MODULE
R-CI
9X7147

DISCRETE I/O MODULE
E29-0675



DIP SWITCH CONFIGURATION
1 2 3 4 5



Part No.	Description	Quantity	Notes
1E5167A	INT-FRIPP	1	
1E2722F	DRAWING	1	
1E0198V	BRAND MARKINGS	1	
1E0013Y	CONFIDENTIALITY	1	
1E0002A	INTERPRETATION	1	
1E0001I	INTPRE & TOL	1	
1E0000I	CONFIDENTIAL Yellow	1	

REVISION SUMMARY

Rev	Description	Date
1	Issue	
2	Issue	
3	Issue	
4	Issue	
5	Issue	
6	Issue	
7	Issue	
8	Issue	
9	Issue	
10	Issue	

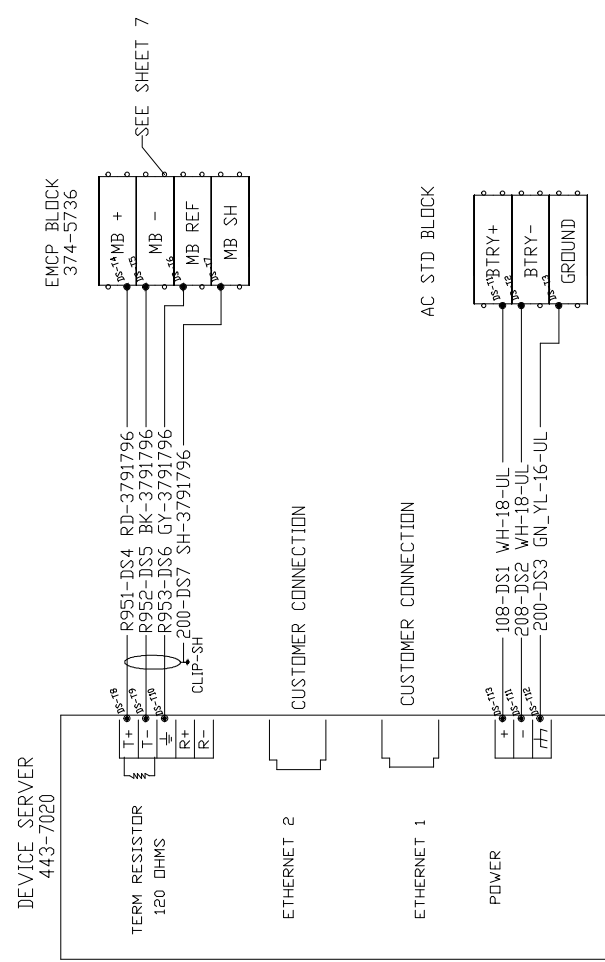
NOTE: USE WITH ET CONFIGURATION LOCATED INSIDE THE CONTROL PANEL

YH-C2
128-2312

EMCP
CANHI-YH5 RD-1346258
CANLD-YH4 BK-1346258
CANLD-YH4 SH-1346258
CANHI-YH4 SH-1346258

FOR NOTES SEE SHEET 1
OPTIONS-DI0 MODULE AND GROUND FAULT

OPTIONAL DEVICE SERVER - 1



FOR NOTES SEE SHEET 1
OPTIONAL DEVICE SERVER

INT-PRDP	INT-PRDP	REVISION	DATE
DRAWING	DRAWING	TYPE	DATE
BRAND MARKINGS	BRAND MARKINGS	PROJECT	DATE
CONFIDENTIALITY	CONFIDENTIALITY	SHEET	DATE
INTERPRETATION	INTERPRETATION	OF	DATE
INTPRE & TOL	INTPRE & TOL	12	17
Confidential: Yellow	Confidential: Yellow	PROJ. NO.	V.973
INT-PRDP	INT-PRDP	REVISION	DATE
DRAWING	DRAWING	TYPE	DATE
BRAND MARKINGS	BRAND MARKINGS	PROJECT	DATE
CONFIDENTIALITY	CONFIDENTIALITY	SHEET	DATE
INTERPRETATION	INTERPRETATION	OF	DATE
INTPRE & TOL	INTPRE & TOL	12	17
Confidential: Yellow	Confidential: Yellow	PROJ. NO.	V.973



DIAGRAM-WIRING
(EMCP4.2, EMCP4.2B)
390-1189 - 10