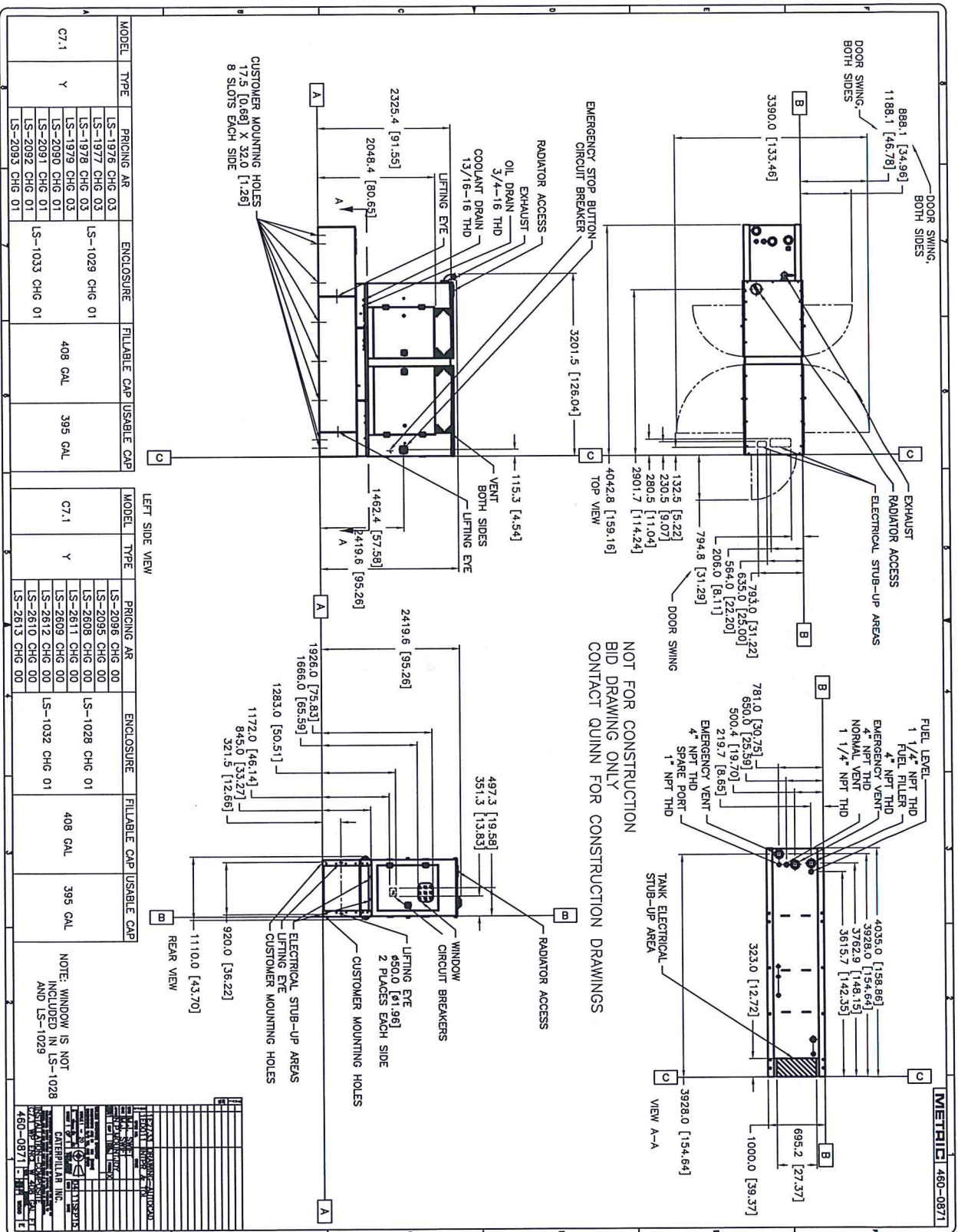
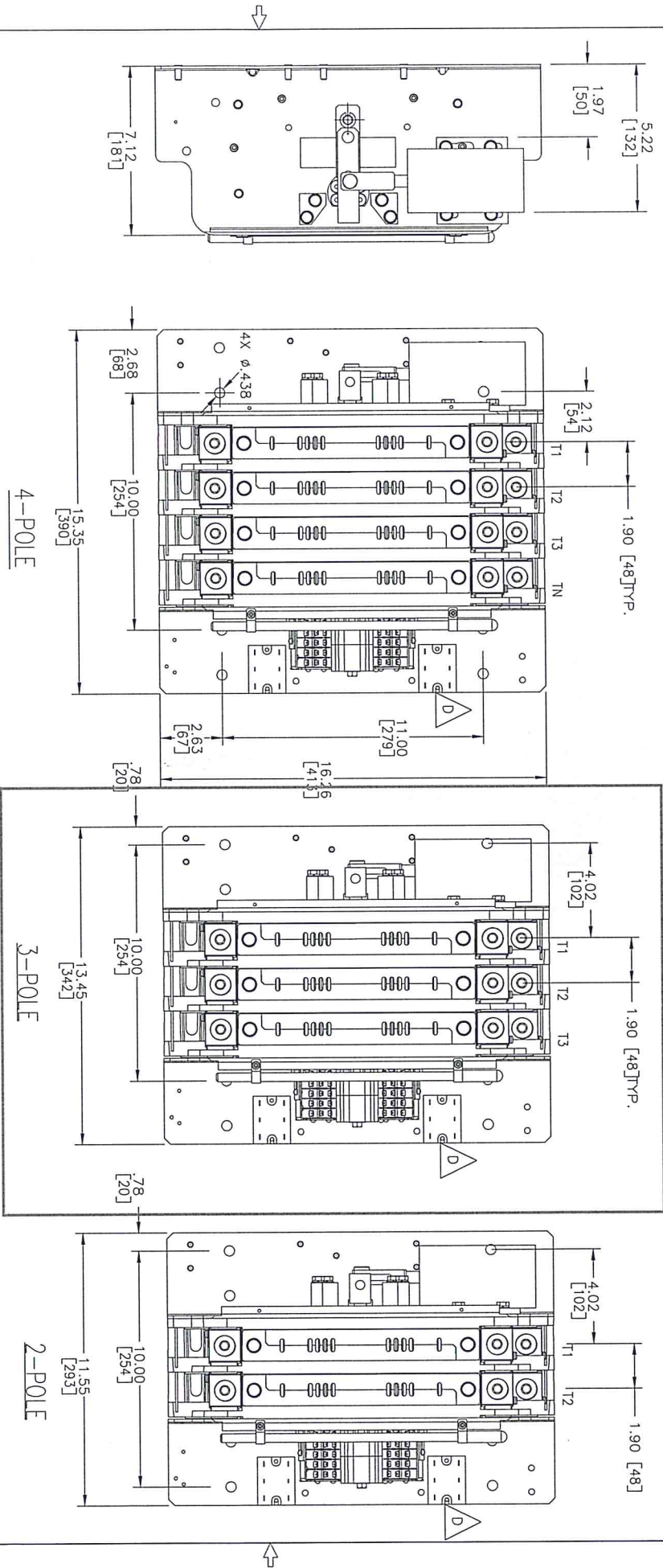




REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
D	S-8154	REVISED DRAWINGS 08/24/04	GG MF



- NOTES:
- DO NOT RUN CABLES IN FRONT OF SWITCH.
 - RUN ALL CABLES ON THE RIGHT SIDE, (25.4mm) MIN.
 - MAINTAIN ELECTRICAL CLEARANCE OF 1" (25.4mm) MIN. BETWEEN LIVE METAL PARTS AND GROUND ONLY.
 - ALL DIMENSIONS ARE FOR REFERENCE ONLY AND ARE SHOWN IN INCHES (mm).

4-POLE

3-POLE

2-POLE

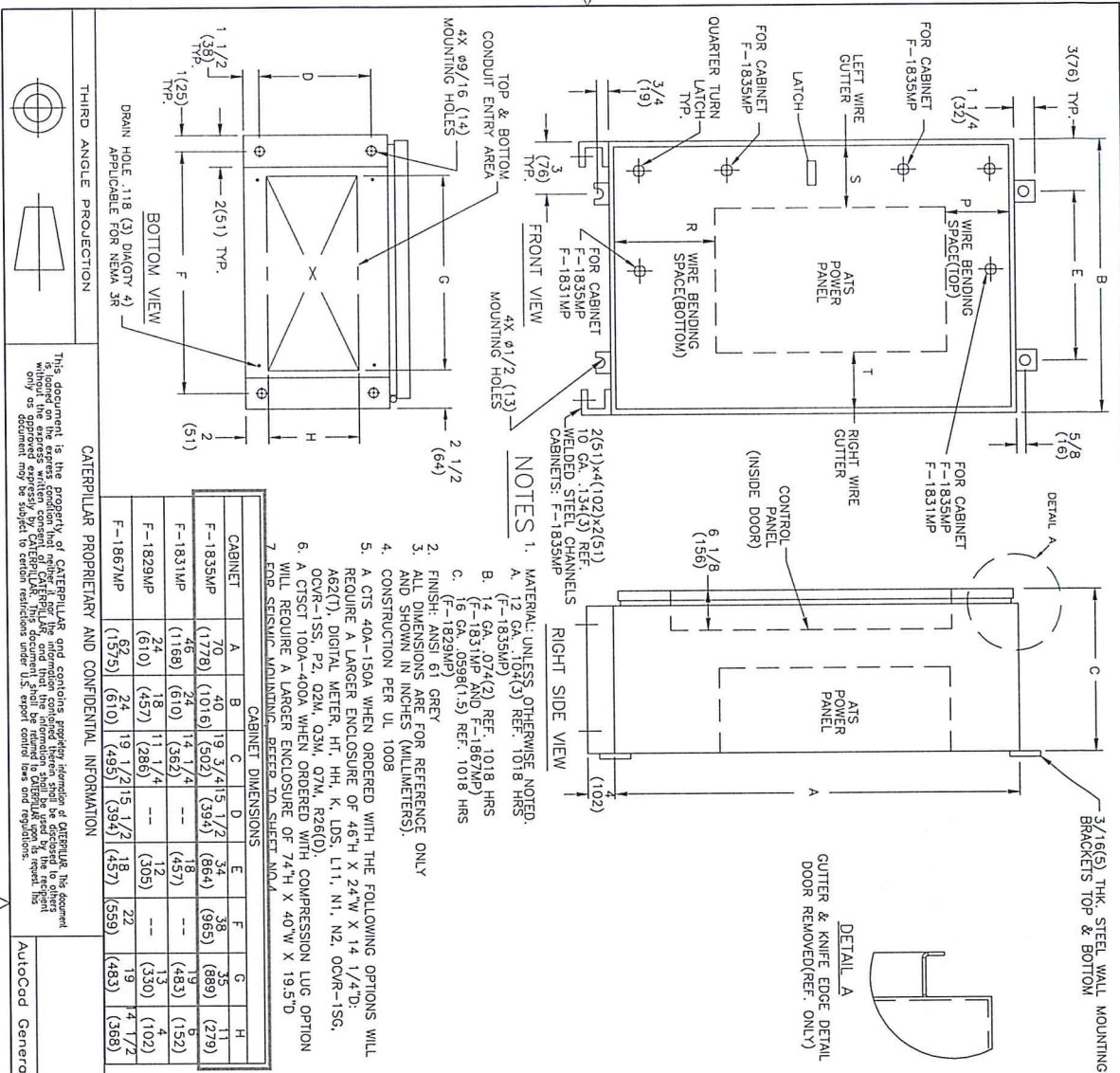
WIRE SIZE	LUG SIZE
225 TO 400A	(QTY 1) (4- 600 MCM (33-304mm ²))

SIGNATURES	DATE	CATERPILLAR®	
DESIGN	08/24/04	TRANSFER SWITCH	
CHECKED			
DRAWN			
WFO			
QUALITY		FIRST MADE FOR: CTS4 225-400A	
DESIGN FILE:	50c-2033-d-1.dwg	SIZE: B	
MODEL / ASSEMBLY FILE:	CTS4 225-400A	CAGE CODE: DWS MD	
# CITS	CRITICAL TO QUALITY CHARACTERISTIC	SCALE: N/A	
AutocAD Generated		50C-2033	
		SHEET 1 OF 2	



THIRD ANGLE PROJECTION

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REVISIONS									
REV.	DESCRIPTION				DATE		APPROVED		
M	S-8823	REVISED DRAWING			4/14/09	PM	M.A.S.		
	AMPERAGE	NO. POLES	NEMA CUBIC	LUG RANGE	WIRE BENDING SPACE (TOP)	WIRE BENDING SPACE (BOTTOM)	WIRE (LEFT)	WIRE (RIGHT)	
CTS	40-150	2,3	F-1829MP	#8-3/0 (8-85mm ²)	7 (176)	8 (203)	3 1/2 (89)	5 7/8 (149)	4 1/2 (114)
	225-400	2	F-1831MP	#4-600 MCM (21-304mm ²)	14 3/4 (375)	14 5/8 (371)	4 5/8 (117)	7 5/8 (194)	5 9/16 (141)
	600	2,3	F-1835MP	(QTY 2) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	19 3/8 (492)	13 (330)	1 1/8 (29)
	800	2,3	F-1835MP	(QTY 4) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	10 3/4 (273)	10 3/4 (273)	
CTSD	40-80	2		#8-3/0 (8-85mm ²)	14 3/4 (375)	14 5/8 (371)	4 5/8 (117)	5 9/16 (141)	4 1/2 (114)
	100-400	2	F-1831MP	#4-600 MCM (21-304mm ²)	14 3/4 (375)	14 5/8 (371)	4 5/8 (117)	5 9/16 (141)	4 1/2 (114)
	600	2,3	F-1835MP	(QTY 2) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	19 3/8 (492)	13 (330)	1 1/8 (29)
	800	2,3	F-1835MP	(QTY 4) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	10 3/4 (273)	10 3/4 (273)	
CTSCT	100-400	3	F-1867MP	(QTY 1) #4-600 MCM (33-304mm ²)	15 (381)	13 3/4 (349)	5 (127)	5 3/8 (136)	3 1/2 (89)
	600	2,3	F-1835MP	(QTY 2) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	19 3/8 (492)	13 (330)	1 1/8 (29)
	800	2,3	F-1835MP	(QTY 4) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	10 3/4 (273)	10 3/4 (273)	
	800	2,3	F-1835MP	(QTY 4) #2-600 MCM (33-304mm ²)	18 1/2 (470)	18 (457)	10 3/4 (273)	10 3/4 (273)	

THIRD ANGLE PROJECTION MANNER AUTHORIZED BY CATPILLAR, INC. NOT TO BE USED OR REPRODUCED BY ANY PARTY EXCEPT AND TO THE EXTENT IN THE PROPERTY OF CATPILLAR, INC. AND IS PROPRIETARY INFORMATION WHICH IS THE THEREIN CONSTITUTE CONFIDENTIAL AND THIS DOCUMENT AND THE DETAILS EMBODIED		AutoCAD Generated FINISH FRACTIONS $\pm 1/64$ ANGLES $\pm 1^\circ$ 3 PL DECIMALS $\pm .005$ 2 PL DECIMALS $\pm .020$ INCH FS CHECKED DETAIL MODEL CG DATE 04/08/03		# CTS MODEL / ASSEMBLY FILE: CTS(2, 3, 4)(225-400A) DRAWING FILE: 71A-2000-d-2.dwg SCALE: N/A SHEET 2 OF 2	
INTERCONNECT PLUGS MX SERIES CONTROL PANEL J5 905 906 805 806 807 804 803 904 903 902 908 901 907 900 808 808 808 808 808 808 808 808 26 36 25Z 25Z J6 1 3		INTERCONNECT PLUGS CPS TO POWER PANEL J7 30 31 32 14 15 16 20 21 22 3 1		INTERCONNECT PLUGS CPS TO POWER PANEL J7 30 31 32 14 15 16 20 21 22 3 1	

