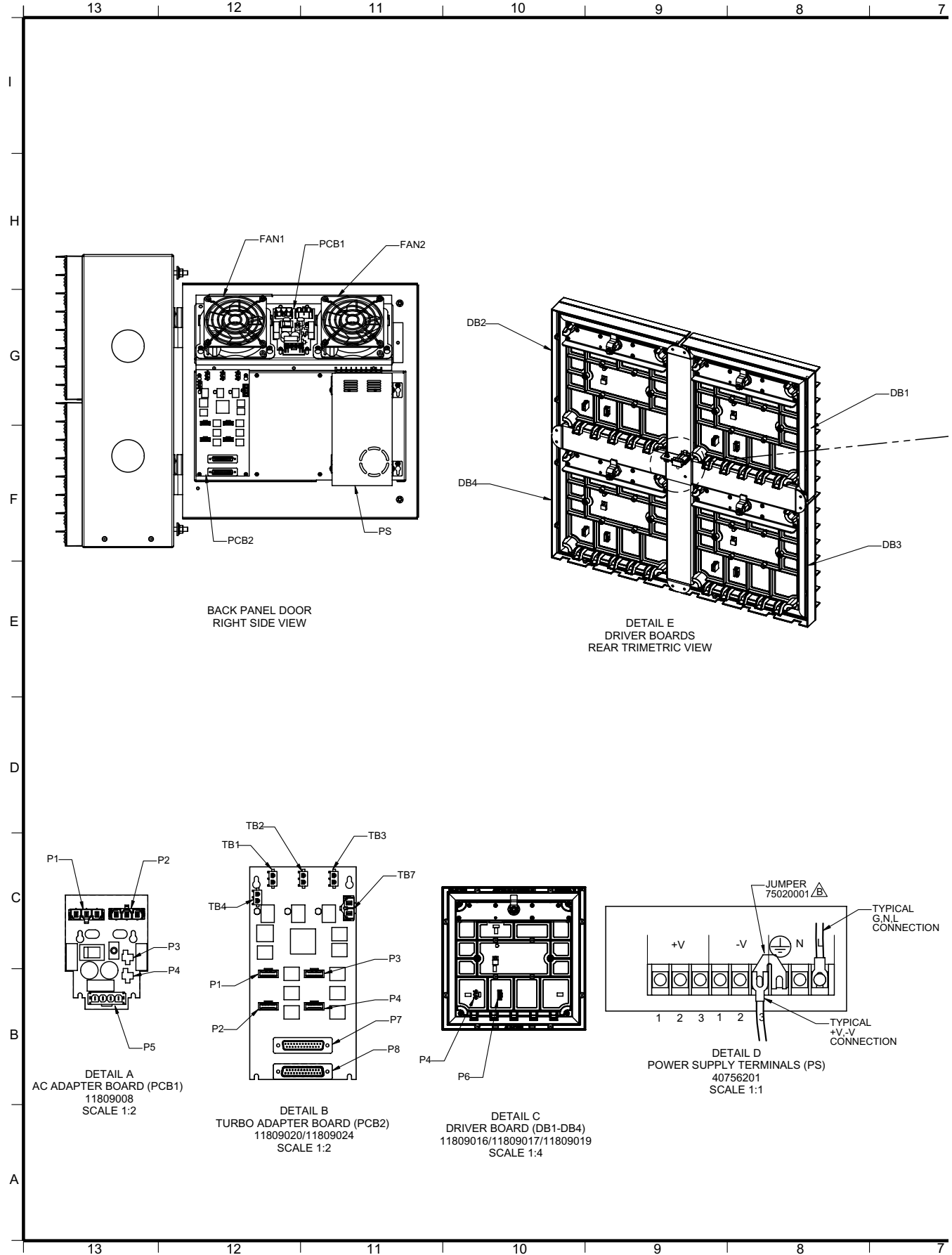


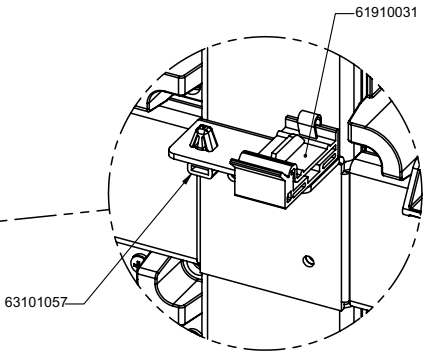
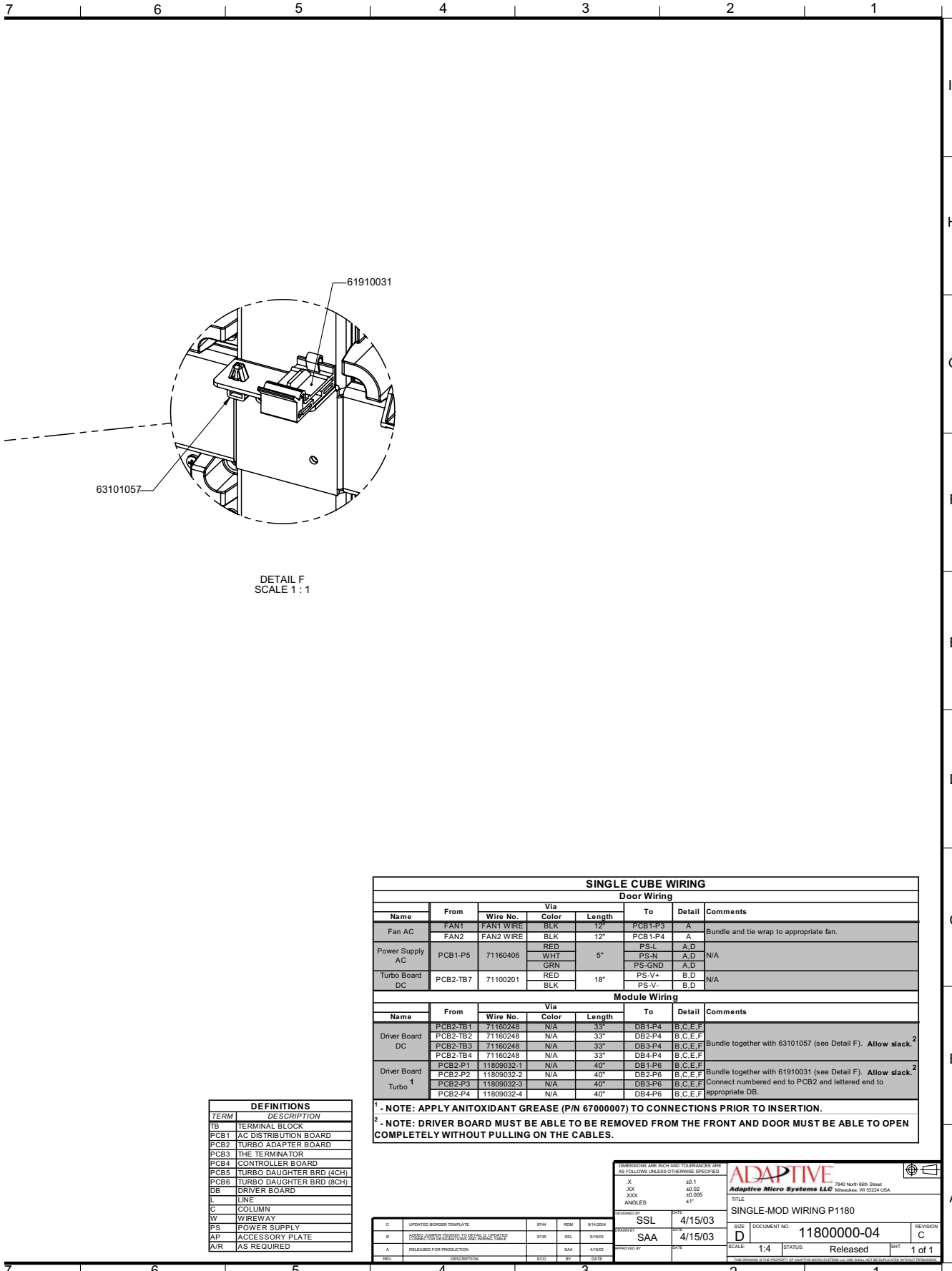
Shop drawings

The following drawings are attached:

- 11800000-04 (1 sheet) — Single cube wiring diagram
- 11800000-05 (2 sheets) — Right wireway multi-cube wiring diagram
- 11800000-07 (5 sheets) — Mechanical and electrical installation
- 11800000-15 (1 sheet) — Multi-section sign, vertical split assembly
- 11800000-16 (1 sheet) — Multi-section sign, horizontal split assembly
- 11800000-17 (2 sheets) — Multi-section sign, vertical and horizontal split assembly
- 11800000-22 (2 sheets) — Left wireway multi-cube wiring diagram

Single cube wiring diagram (11800000-04, revision C)





DETAIL F
SCALE 1 : 1

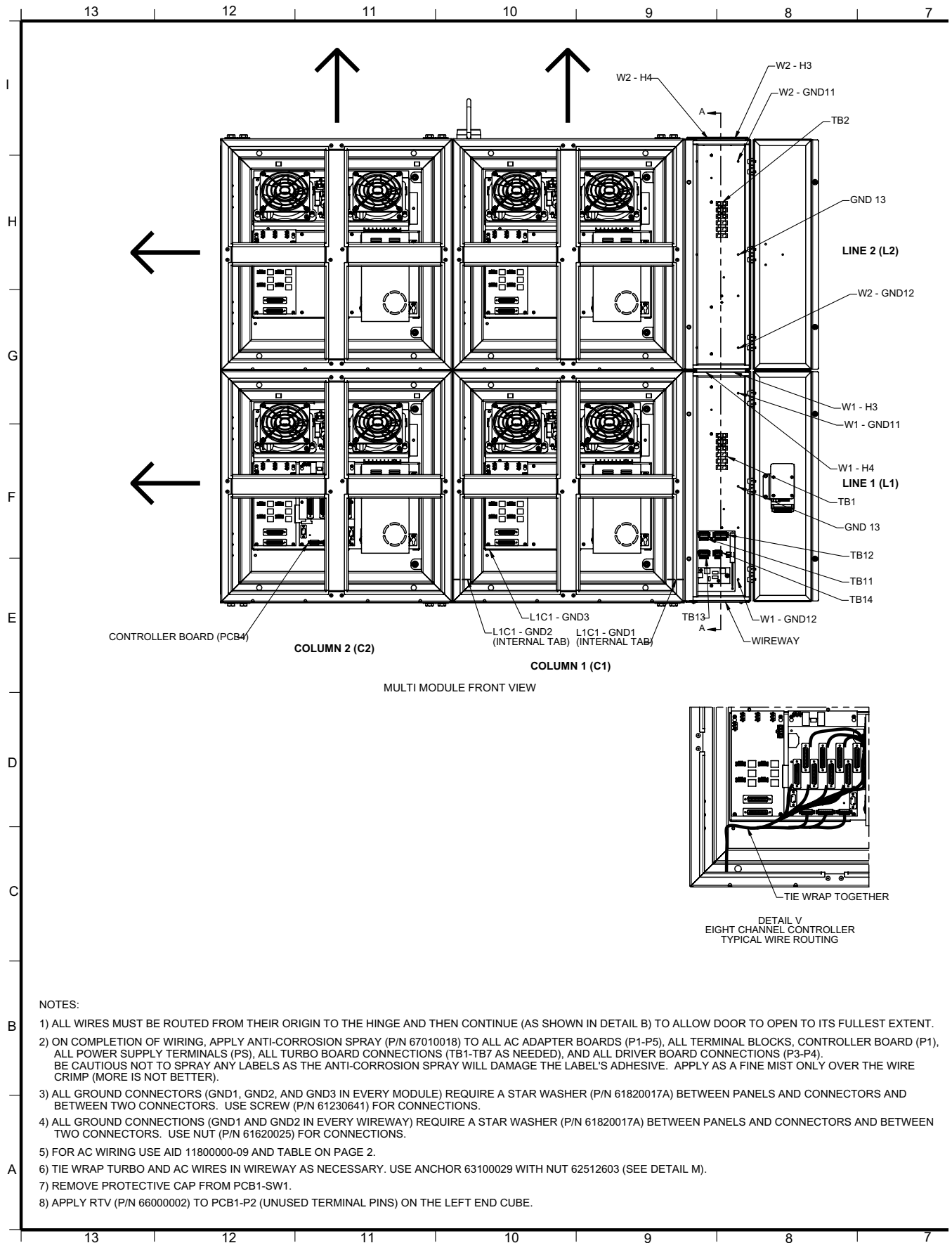
SINGLE CUBE WIRING							
Door Wiring							
Name	From	Wire No.	Color	Length	To	Detail	Comments
Fan AC	FAN1	FAN1 WIRE	BLK	12"	PCB1-P3	A	Bundle and tie wrap to appropriate fan.
	FAN2	FAN2 WIRE	BLK	12"	PCB1-P4	A	
Power Supply AC	PCB1-P5	71160406	RED	5"	PS-L	A,D	N/A
			WHT		PS-N	A,D	
			GRN		PS-GND	A,D	
Turbo Board DC	PCB2-TB7	71100201	RED	18"	PS-V+	B,D	N/A
			BLK		PS-V-	B,D	
Module Wiring							
Name	From	Wire No.	Color	Length	To	Detail	Comments
Driver Board DC	PCB2-TB1	71160248	N/A	33"	DB1-P4	B,C,E,F	Bundle together with 63101057 (see Detail F). Allow slack. ²
	PCB2-TB2	71160248	N/A	33"	DB2-P4	B,C,E,F	
	PCB2-TB3	71160248	N/A	33"	DB3-P4	B,C,E,F	
Driver Board Turbo ¹	PCB2-TB4	71160248	N/A	33"	DB4-P4	B,C,E,F	Bundle together with 61910031 (see Detail F). Allow slack. ²
	PCB2-P1	11809032-1	N/A	40"	DB1-P6	B,C,E,F	
	PCB2-P2	11809032-2	N/A	40"	DB2-P6	B,C,E,F	
	PCB2-P3	11809032-3	N/A	40"	DB3-P6	B,C,E,F	
	PCB2-P4	11809032-4	N/A	40"	DB4-P6	B,C,E,F	Connect numbered end to PCB2 and lettered end to appropriate DB.

TERM	DESCRIPTION
TB	TERMINAL BLOCK
PCB1	AC DISTRIBUTION BOARD
PCB2	TURBO ADAPTER BOARD
PCB3	THE TERMINATOR
PCB4	CONTROLLER BOARD
PCB5	TURBO DAUGHTER BRD (4CH)
PCB6	TURBO DAUGHTER BRD (8CH)
DB	DRIVER BOARD
L	LINE
C	COLUMN
W	WIREWAY
PS	POWER SUPPLY
AP	ACCESSORY PLATE
A/R	AS REQUIRED

¹ - NOTE: APPLY ANIOXIDANT GREASE (P/N 67000007) TO CONNECTIONS PRIOR TO INSERTION.
² - NOTE: DRIVER BOARD MUST BE ABLE TO BE REMOVED FROM THE FRONT AND DOOR MUST BE ABLE TO OPEN COMPLETELY WITHOUT PULLING ON THE CABLES.

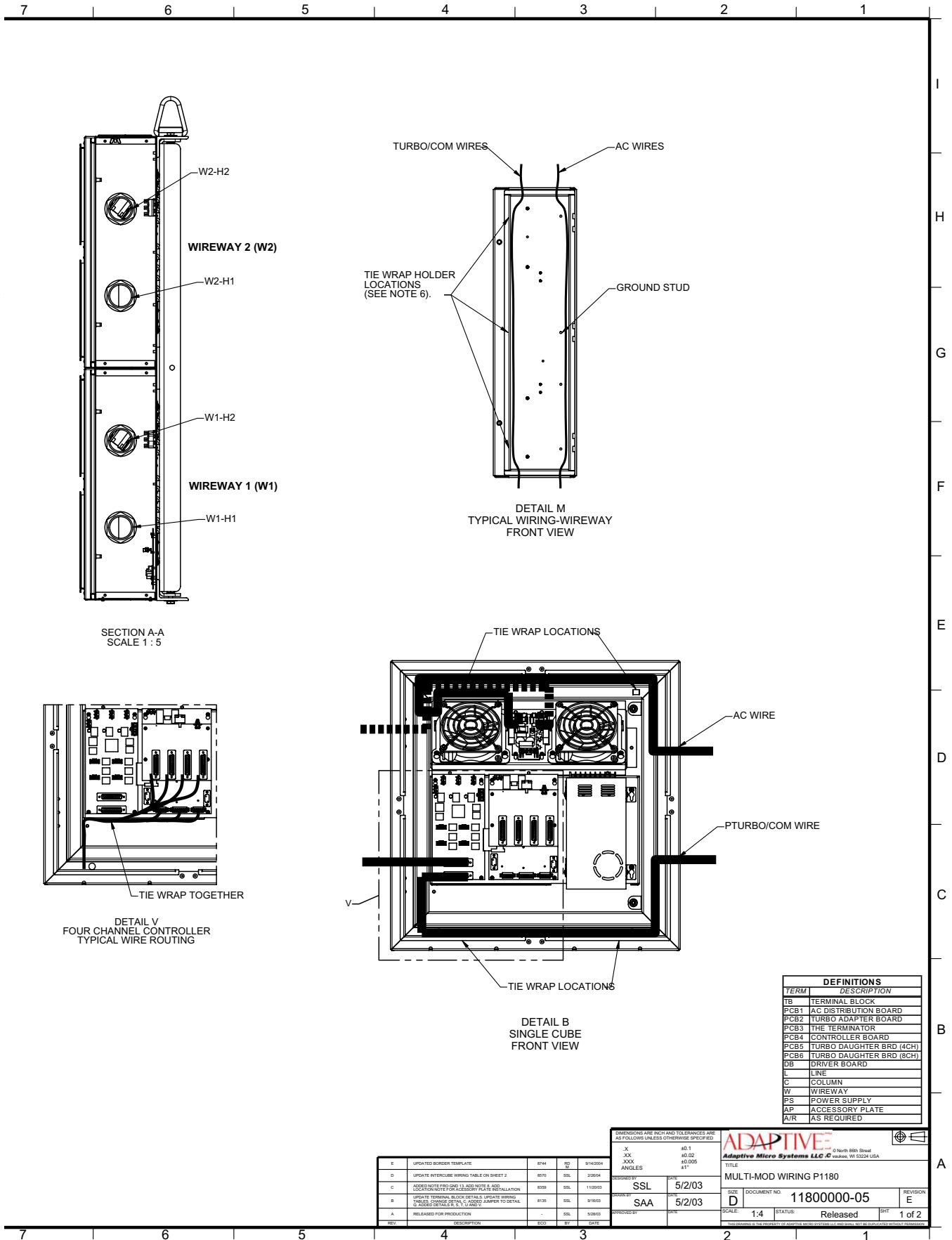
DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED: X .001 XX .002 XXX .005 ANGLES .5°		ADAPTIVE Adaptive Micro Systems LLC 7840 North 88th Street Milwaukee, WI 53224 USA	
TITLE: SINGLE-MOD WIRING P1180		DOCUMENT NO.: 11800000-04	
SIZE: D	SCALE: 1:4	STATUS: Released	SHEET: 1 of 1
C: UPDATED SCHEMATIC PLATE B: ADDED JUMPER TERMINAL TO ORIGINAL UPDATED CONNECTOR DESIGNATIONS AND WIRING TABLE A: RELEASED FOR PRODUCTION	BY: BPA DATE: 8/14/04 BY: BRS DATE: 8/16/03 BY: SAA DATE: 4/15/03	CHECKED BY: SSL DATE: 4/15/03 APPROVED BY: SAA DATE: 4/15/03	REVISION C

Right wireway multi-cube wiring diagram (11800000-05, revision E, sheet 1 of 2)



NOTES:

- 1) ALL WIRES MUST BE ROUTED FROM THEIR ORIGIN TO THE HINGE AND THEN CONTINUE (AS SHOWN IN DETAIL B) TO ALLOW DOOR TO OPEN TO ITS FULLEST EXTENT.
- 2) ON COMPLETION OF WIRING, APPLY ANTI-CORROSION SPRAY (P/N 67010018) TO ALL AC ADAPTER BOARDS (P1-P5), ALL TERMINAL BLOCKS, CONTROLLER BOARD (P1), ALL POWER SUPPLY TERMINALS (PS), ALL TURBO BOARD CONNECTIONS (TB1-TB7 AS NEEDED), AND ALL DRIVER BOARD CONNECTIONS (P3-P4). BE CAUTIOUS NOT TO SPRAY ANY LABELS AS THE ANTI-CORROSION SPRAY WILL DAMAGE THE LABEL'S ADHESIVE. APPLY AS A FINE MIST ONLY OVER THE WIRE CRIMP (MORE IS NOT BETTER).
- 3) ALL GROUND CONNECTORS (GND1, GND2, AND GND3 IN EVERY MODULE) REQUIRE A STAR WASHER (P/N 61820017A) BETWEEN PANELS AND CONNECTORS AND BETWEEN TWO CONNECTORS. USE SCREW (P/N 61230641) FOR CONNECTIONS.
- 4) ALL GROUND CONNECTIONS (GND1 AND GND2 IN EVERY WIREWAY) REQUIRE A STAR WASHER (P/N 61820017A) BETWEEN PANELS AND CONNECTORS AND BETWEEN TWO CONNECTORS. USE NUT (P/N 61620025) FOR CONNECTIONS.
- 5) FOR AC WIRING USE AID 11800000-09 AND TABLE ON PAGE 2.
- 6) TIE WRAP TURBO AND AC WIRES IN WIREWAY AS NECESSARY. USE ANCHOR 63100029 WITH NUT 62512603 (SEE DETAIL M).
- 7) REMOVE PROTECTIVE CAP FROM PCB1-SW1.
- 8) APPLY RTV (P/N 66000002) TO PCB1-P2 (UNUSED TERMINAL PINS) ON THE LEFT END CUBE.



DEFINITIONS	
TERM	DESCRIPTION
TB	TERMINAL BLOCK
PCB1	AC DISTRIBUTION BOARD
PCB2	TURBO ADAPTER BOARD
PCB3	THE TERMINATOR
PCB4	CONTROLLER BOARD
PCB5	TURBO DAUGHTER BRD (4CH)
PCB6	TURBO DAUGHTER BRD (8CH)
DB	DRIVER BOARD
L	LINE
C	COLUMN
W	WIREWAY
PS	POWER SUPPLY
AP	ACCESSORY PLATE
A/R	AS REQUIRED

DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED: .X .05-1 .XX .00-02 .XXX .00-05 ANGLES .81°			
REVISED BY	DATE	APPROVED BY	DATE
SSL	5/2/03	SAA	5/2/03
REVISED BY	DATE	APPROVED BY	DATE
SSL	5/2/03	SSL	5/2/03

ADAPTIVE
 Adaptive Micro Systems LLC © North 98th Street
 Milwaukee, WI 53224 USA

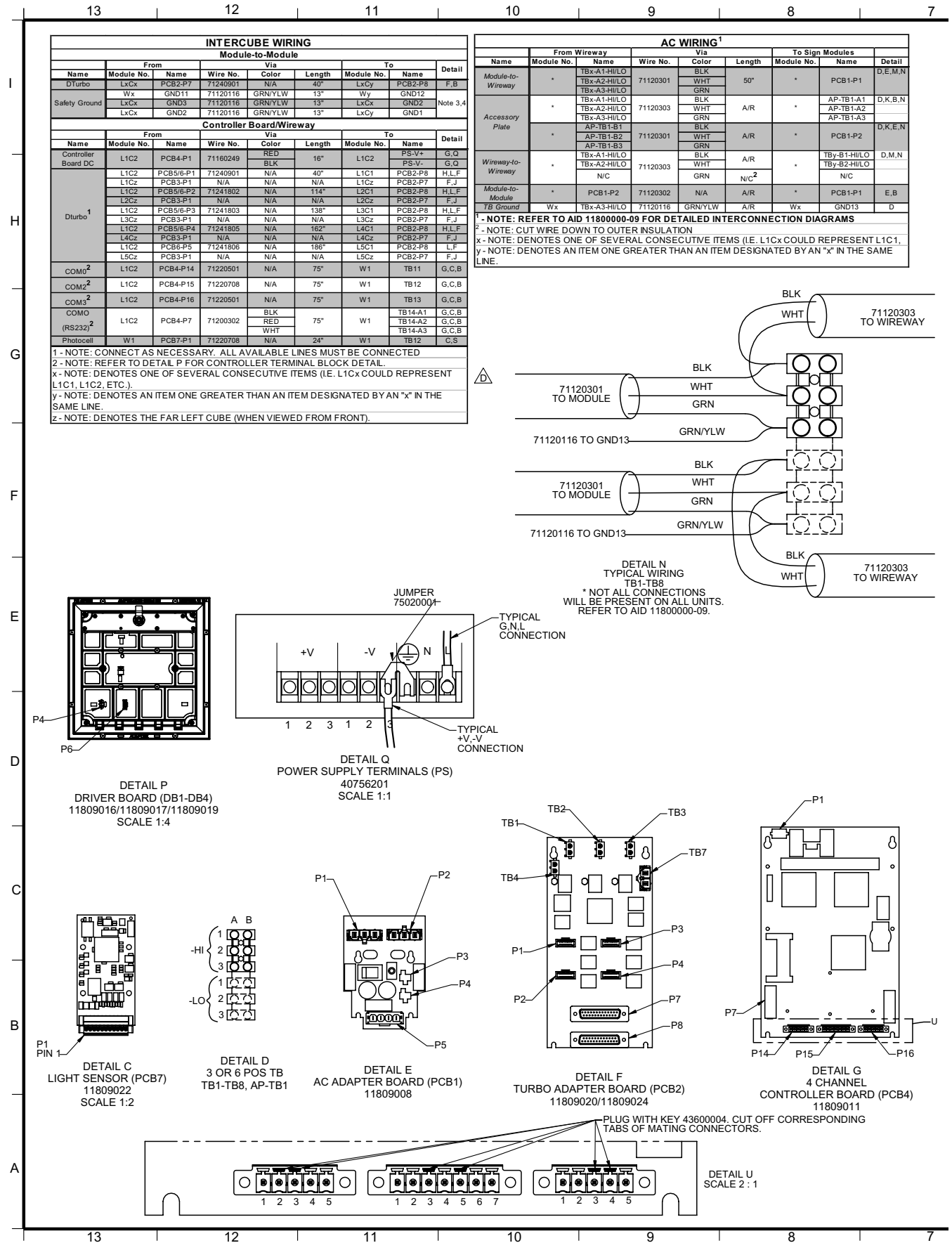
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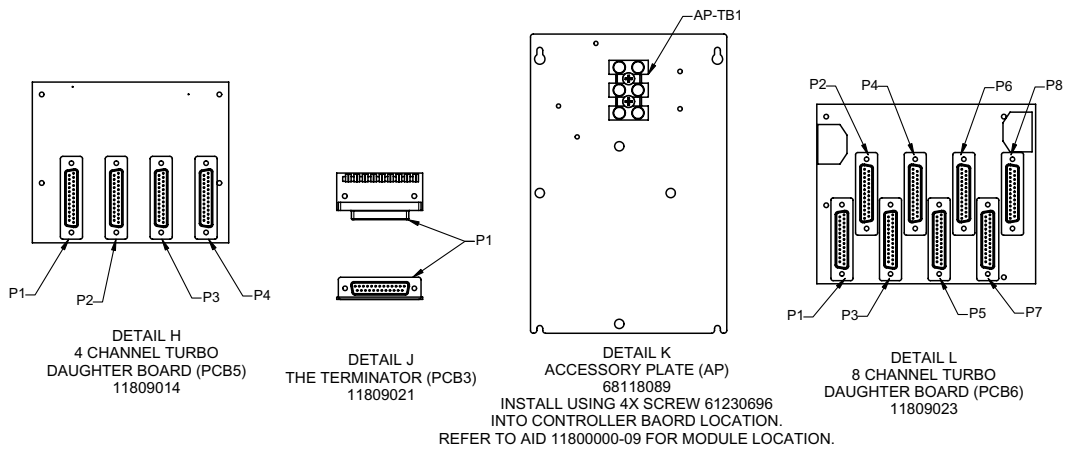
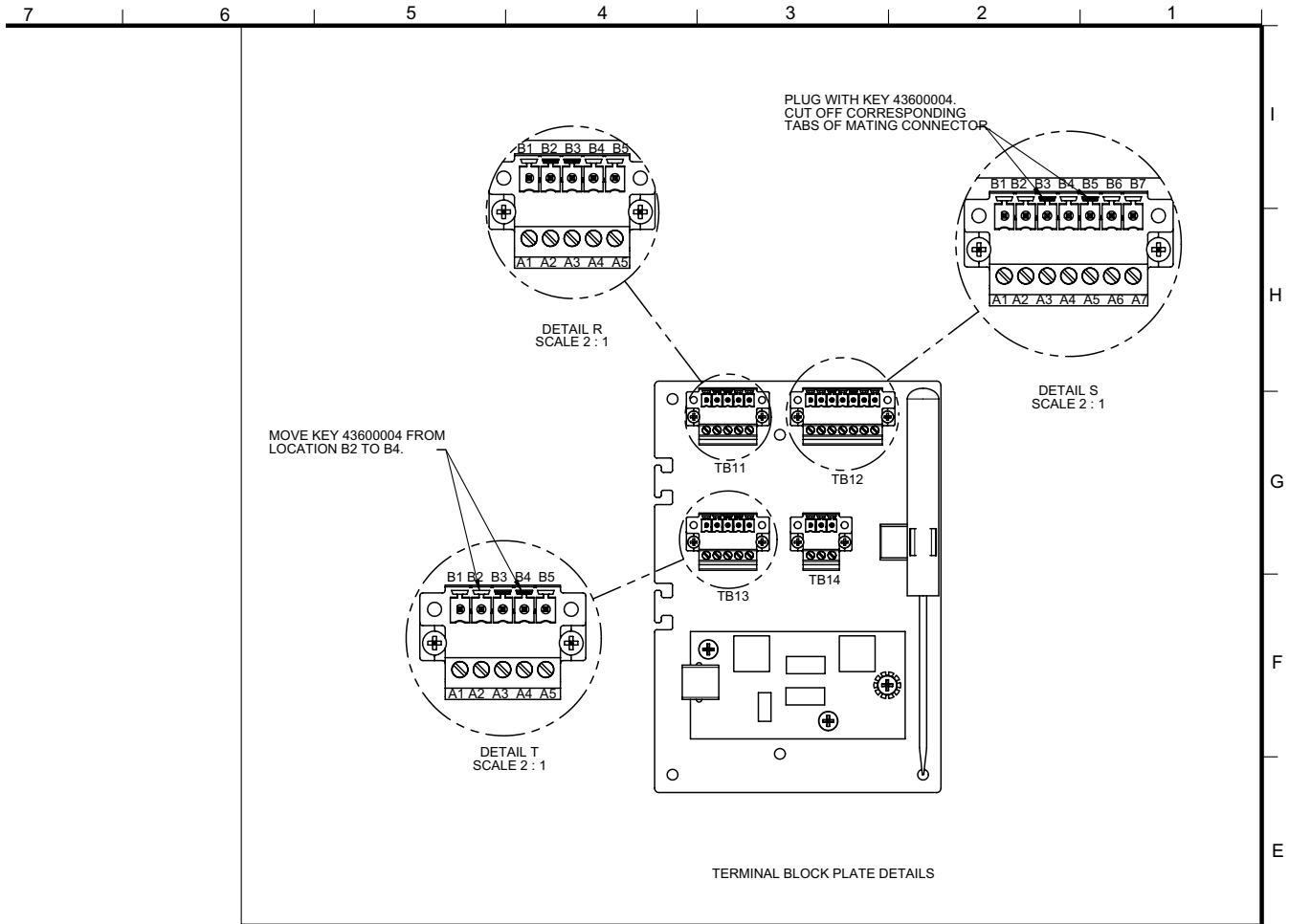
SIZE: D DOCUMENT NO: 11800000-05 REVISION: E

SCALE: 1:4 STATUS: Released SHEET: 1 of 2

REV	DESCRIPTION	BY	DATE
E	UPDATED SCREEN TEMPLATE	SSL	5/14/03
D	UPDATE INTERLOCK WIRING TABLE ON SHEET 2	SSL	5/20/04
C	ADDED NOTE PER QMS 13. ADD NOTE & ADD LOCATION NOTE FOR ACCESSORY PLATE REINSTALLATION	SSL	11/09/03
B	UPDATE TERMINAL BLOCK DETAILS & UPDATE WIRING. INCLUDE CHANGE DETAIL 11. ADDED AMPER TO DETAIL. @ APPROVED PER P. 11. 11/14/03	SSL	9/16/03
A	RELEASED FOR PRODUCTION	SSL	5/28/03

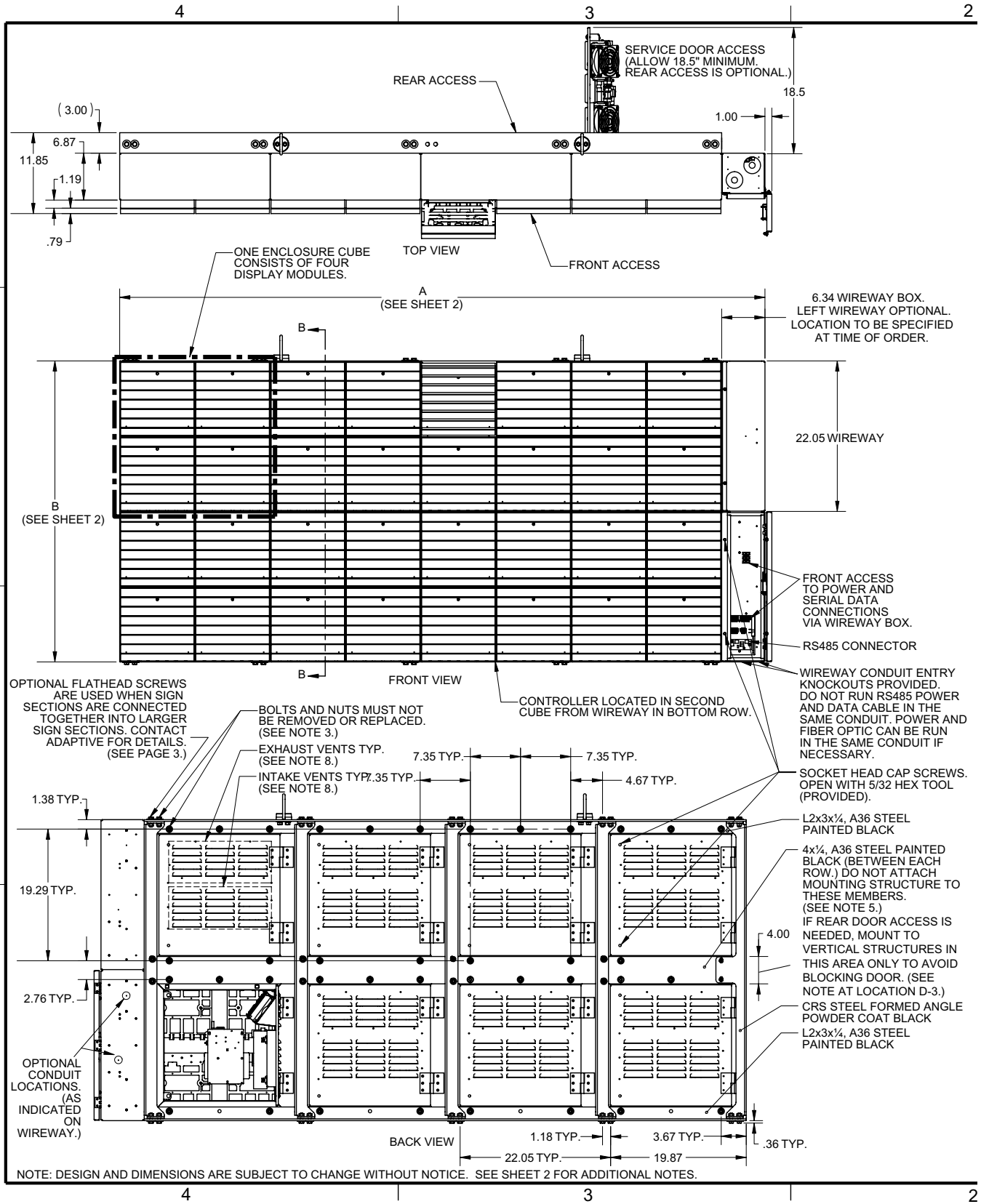
Right wireway multi-cube wiring diagram (1180000-05, revision E, sheet 2 of 2)

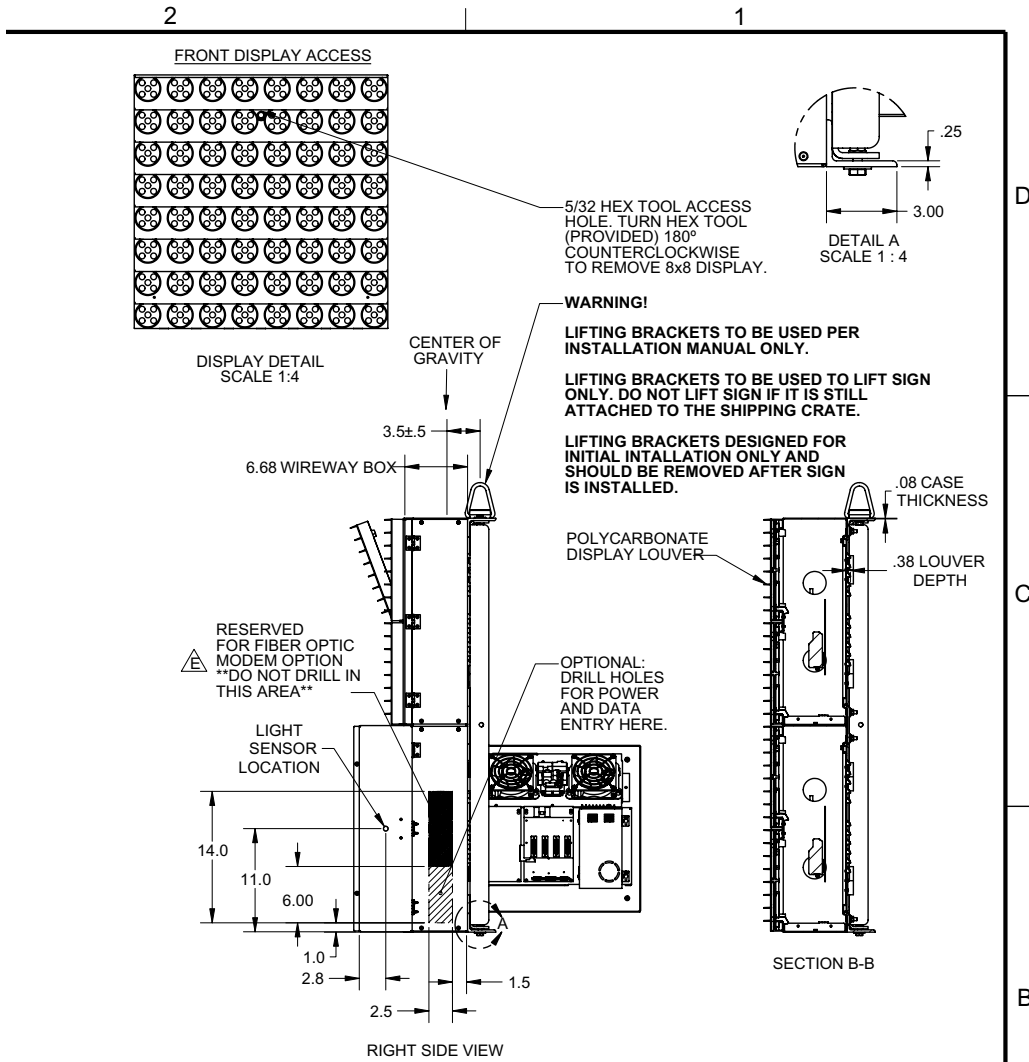




DIMENSIONS ARE NET AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		ADAPTIVE Adaptive Micro Systems LLC © Milwaukee, WI 53224 USA	
XX	±0.1	TITLE MULTI-MOD WIRING P1180	
XXX	±0.05	SIZE D	DOCUMENT NO. 11800000-05
ANGLES	±1°	SCALE 1:4	STATUS Released
DESIGNED BY SSL	DATE 5/2/03	REVISION E	REVISED BY E
DRAWN BY SAA	DATE 5/2/03	SHEET 2 of 2	

Mechanical installation (11800000-07 revision F, sheet 1 of 5)



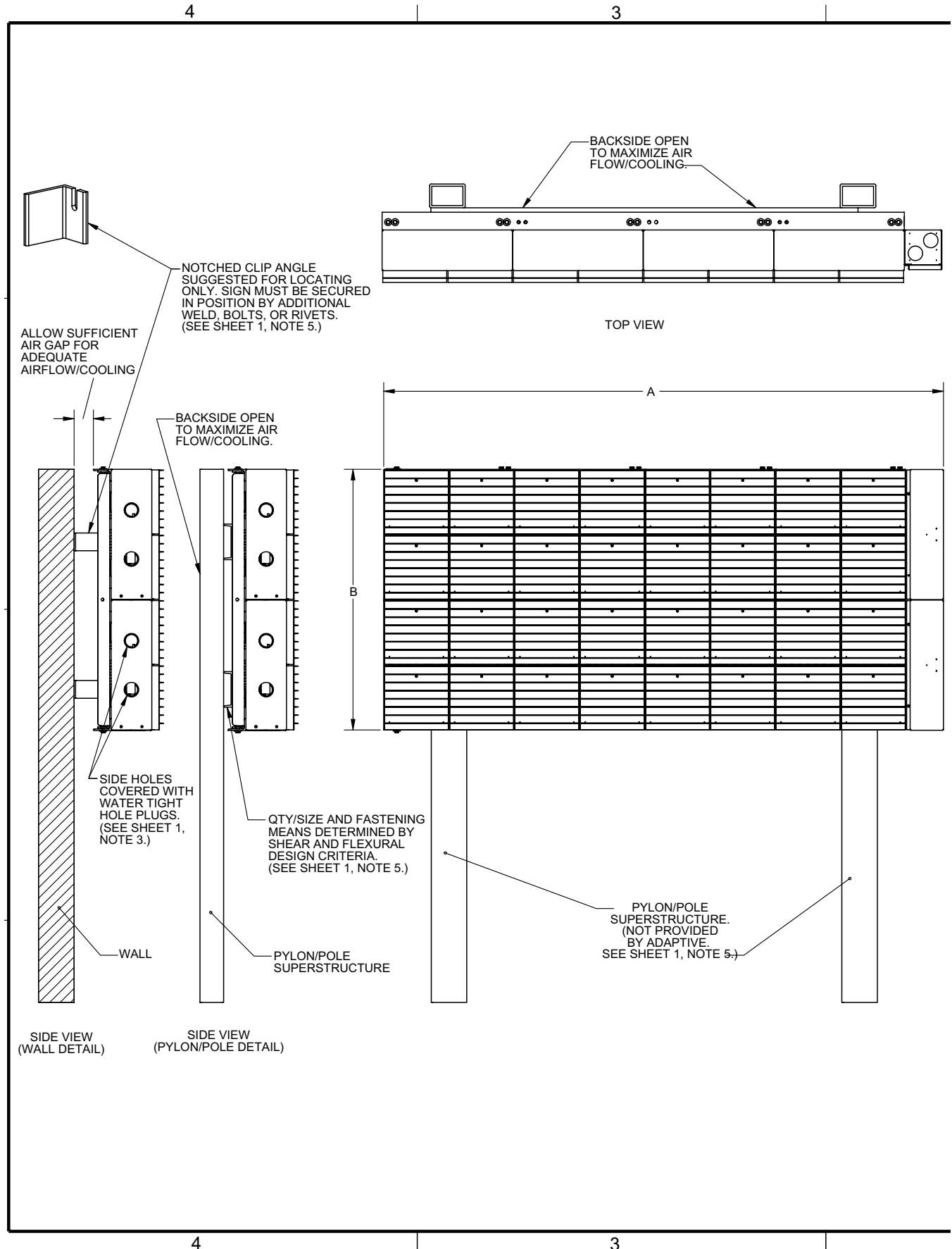


NOTES:

- 1) REFER TO INSTALLATION MANUAL FOR POWER AND ADDITIONAL INSTALLATION REQUIREMENTS.
- 2) THE ONLY SERVICE TOOLS REQUIRED ARE A #2 PHILLIPS SCREWDRIVER, 5/32 HEX TOOL (PROVIDED), AND A TECHNICIAN'S SLOTTED BLADE SCREWDRIVER (PROVIDED).
- 3) REMOVAL OF ANY FASTENERS OR OTHER NOTED PARTS WILL NEGATE THE PRODUCT WARRANTY.
- 4) ALL FASTENERS ARE METRIC A2 STAINLESS STEEL.
- 5) USE ONLY TOP AND BOTTOM ANGLE OR VERTICAL ANGLES TO MOUNT SIGN DIRECTLY TO SUPERSTRUCTURE. ALL INSTALLATIONS, SUPERSTRUCTURE DESIGNS, AND CONNECTIONS MUST BE DESIGNED/APPROVED BY A QUALIFIED STRUCTURAL ENGINEER. CALL ADAPTIVE MICRO SYSTEMS AT 1-800-558-7022 FOR STRUCTURAL ENGINEERING CONSULTANT CONTACT INFORMATION.
- 6) DUE TO STRENGTH LIMITATION OF DISPLAY SUBSTRUCTURE, LARGER SIGNS WILL REQUIRE MULTIPLE DISPLAY SECTIONS. DISPLAY SECTION SIZE WILL BE OPTIMIZED FOR PRODUCTION YIELD AND MAY VARY WITH EACH SIGN. (SEE SHEET 3.)
- 7) DESIGN AND DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- 8) IF SIGN IS BUILT INTO AN ENCLOSED STRUCTURE, INTAKE AND EXHAUST AIR SHALL BE PROPERLY VENTED TO PREVENT MIXING AND RECIRCULATION OF EXHAUST AIR WITH THE INTAKE AIR.

REV	DESCRIPTION	ECO	BY	DATE	DESIGNED BY	DATE	DRAWN BY	DATE	APPROVED BY	DATE	SIZE	DOCUMENT NO.	REVISION
F	UPDATED BORDER TEMPLATE	8744	RD	9/13/2004	SSL	9/14/03	SSL	9/14/03			C	11800000-07	F
E	ADDED FIBER OPTIC NOTE FOR DRILLING	8642	DRZ	3/11/04									
D	ADDED NOTE 8 TO SHEET 1	8622	SSL	3/4/04									
C	CHANGE DIMENSION "X" TO INCLUDE WIREWAY	8541	SSL	2/3/04									
B	ADD ELECTRICAL REQUIREMENTS TO SHEETS 4 AND 5. UPDATE WEIGHTS IN CHART ON SHEET 2.	8526	SSL	1/22/04									
A	RELEASED FOR PRODUCTION. ADDED SHEET 3 FROM REV PDS. MODIFIED NOTES AND TABLE ON SHEET 2.	-	SSL	9/4/03									

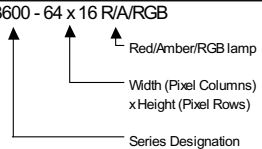
Mechanical installation (11800000-07 revision F, sheet 2 of 5)



2

1

Model Number Explanation:	SIGN SECTION MODEL NUMBER	SIGN WEIGHT ¹ (lbs)	DIM "A" ¹	DIM "B" ¹
3600 - 64 x 16 R/A/RGB	AlphaEclipse 3600 -32x16 R/A/RGB	100	50.43	22.05
	AlphaEclipse 3600 -48x16 R/A/RGB	150	72.48	22.05
	AlphaEclipse 3600 -64x16 R/A/RGB	200	94.53	22.05
	AlphaEclipse 3600 -80x16 R/A/RGB	250	116.58	22.05
	AlphaEclipse 3600 -96x16 R/A/RGB	300	138.62	22.05
	AlphaEclipse 3600 -112x16 R/A/RGB	350	160.67	22.05
	AlphaEclipse 3600 -128x16 R/A/RGB	400	182.72	22.05
	AlphaEclipse 3600 -144x16 R/A/RGB	450	204.76	22.05
	AlphaEclipse 3600 -160x16 R/A/RGB	500	226.81	22.05
	AlphaEclipse 3600 -176x16 R/A/RGB	550	248.86	22.05
	AlphaEclipse 3600 -32x32 R/A/RGB	200	50.43	44.09
	AlphaEclipse 3600 -48x32 R/A/RGB	300	72.48	44.09
	AlphaEclipse 3600 -64x32 R/A/RGB	400	94.53	44.09
	AlphaEclipse 3600 -80x32 R/A/RGB	500	116.58	44.09
	AlphaEclipse 3600 -96x32 R/A/RGB	600	138.62	44.09
	AlphaEclipse 3600 -112x32 R/A/RGB	700	160.67	44.09
	AlphaEclipse 3600 -128x32 R/A/RGB	800	182.72	44.09
	AlphaEclipse 3600 -144x32 R/A/RGB	900	204.76	44.09
	AlphaEclipse 3600 -160x32 R/A/RGB	1000	226.81	44.09
	AlphaEclipse 3600 -176x32 R/A/RGB	1100	248.86	44.09
	AlphaEclipse 3600 -32x48 R/A/RGB	300	50.43	66.14
	AlphaEclipse 3600 -48x48 R/A/RGB	450	72.48	66.14
	AlphaEclipse 3600 -64x48 R/A/RGB	600	94.53	66.14
	AlphaEclipse 3600 -80x48 R/A/RGB	750	116.58	66.14
	AlphaEclipse 3600 -96x48 R/A/RGB	900	138.62	66.14
	AlphaEclipse 3600 -112x48 R/A/RGB	1050	160.67	66.14
	AlphaEclipse 3600 -128x48 R/A/RGB	1200	182.72	66.14
	AlphaEclipse 3600 -144x48 R/A/RGB	1350	204.76	66.14
	AlphaEclipse 3600 -160x48 R/A/RGB	1500	226.81	66.14
	AlphaEclipse 3600 -176x48 R/A/RGB	1650	248.86	66.14
	AlphaEclipse 3600 -32x64 R/A/RGB	400	50.43	88.19
	AlphaEclipse 3600 -48x64 R/A/RGB	600	72.48	88.19
	AlphaEclipse 3600 -64x64 R/A/RGB	800	94.53	88.19
	AlphaEclipse 3600 -80x64 R/A/RGB	1000	116.58	88.19
	AlphaEclipse 3600 -96x64 R/A/RGB	1200	138.62	88.19
	AlphaEclipse 3600 -112x64 R/A/RGB	1400	160.67	88.19
	AlphaEclipse 3600 -128x64 R/A/RGB	1600	182.72	88.19
	AlphaEclipse 3600 -144x64 R/A/RGB	1800	204.76	88.19
	AlphaEclipse 3600 -160x64 R/A/RGB	2000	226.81	88.19
	AlphaEclipse 3600 -176x64 R/A/RGB	2200	248.86	88.19
	AlphaEclipse 3600 -32x80 R/A/RGB	500	50.43	110.24
	AlphaEclipse 3600 -48x80 R/A/RGB	750	72.48	110.24
	AlphaEclipse 3600 -64x80 R/A/RGB	1000	94.53	110.24
	AlphaEclipse 3600 -80x80 R/A/RGB	1250	116.58	110.24
	AlphaEclipse 3600 -96x80 R/A/RGB	1500	138.62	110.24
	AlphaEclipse 3600 -112x80 R/A/RGB	1750	160.67	110.24
	AlphaEclipse 3600 -128x80 R/A/RGB	2000	182.72	110.24
	AlphaEclipse 3600 -144x80 R/A/RGB	2250	204.76	110.24
	AlphaEclipse 3600 -160x80 R/A/RGB	2500	226.81	110.24
	AlphaEclipse 3600 -176x80 R/A/RGB	2750	248.86	110.24



Notes:
 1) Table represents standard single sign sections only. Dimensions include either Left or Right mounted wireway. Location to be specified at time of order. See note 2 for signs exceeding table values.
 2) Contact Adaptive for information about multiple sign sections which are available up to 256x128.
 3) All dimensions ±.50"¹
 4) Weight ±10%

D

C

B

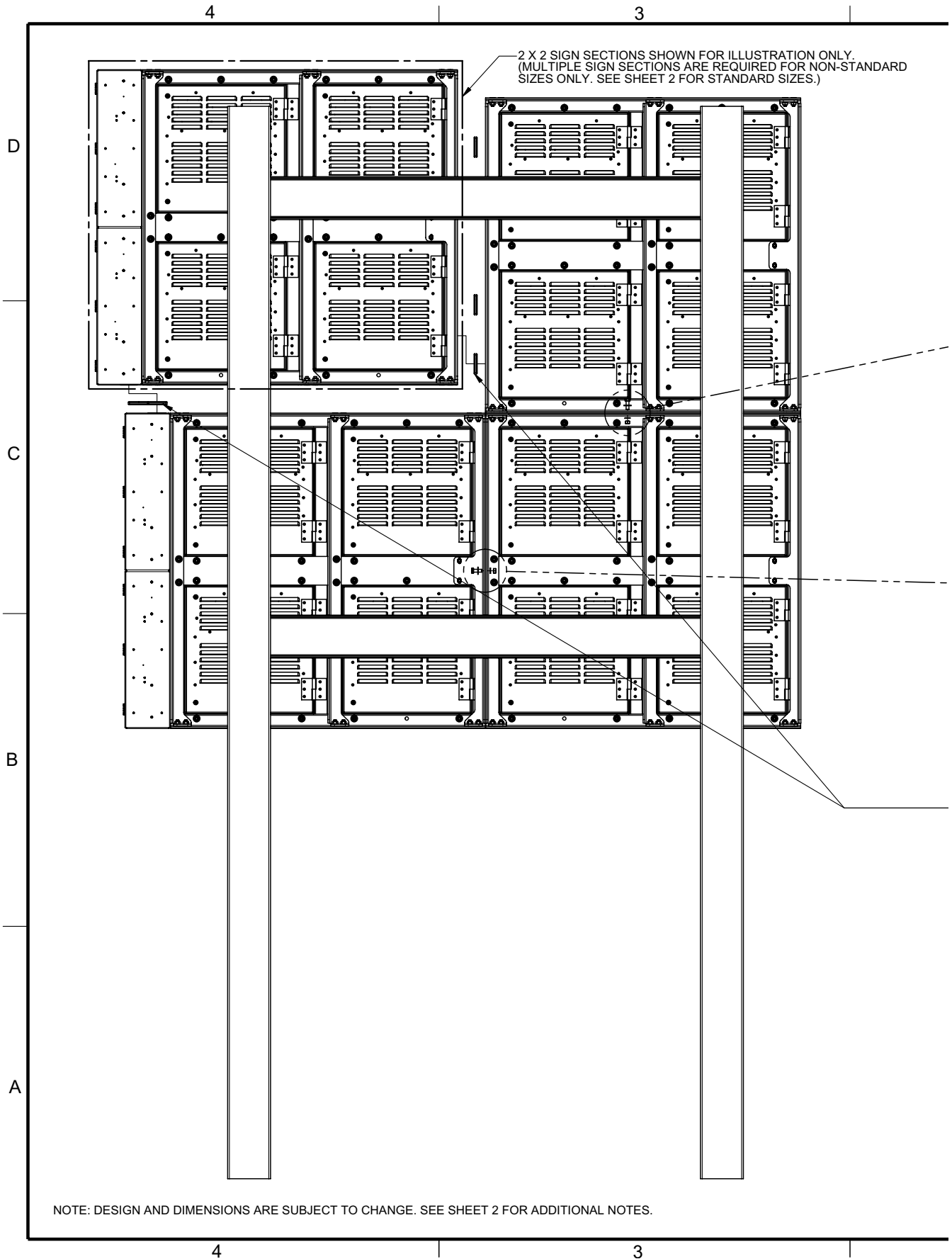
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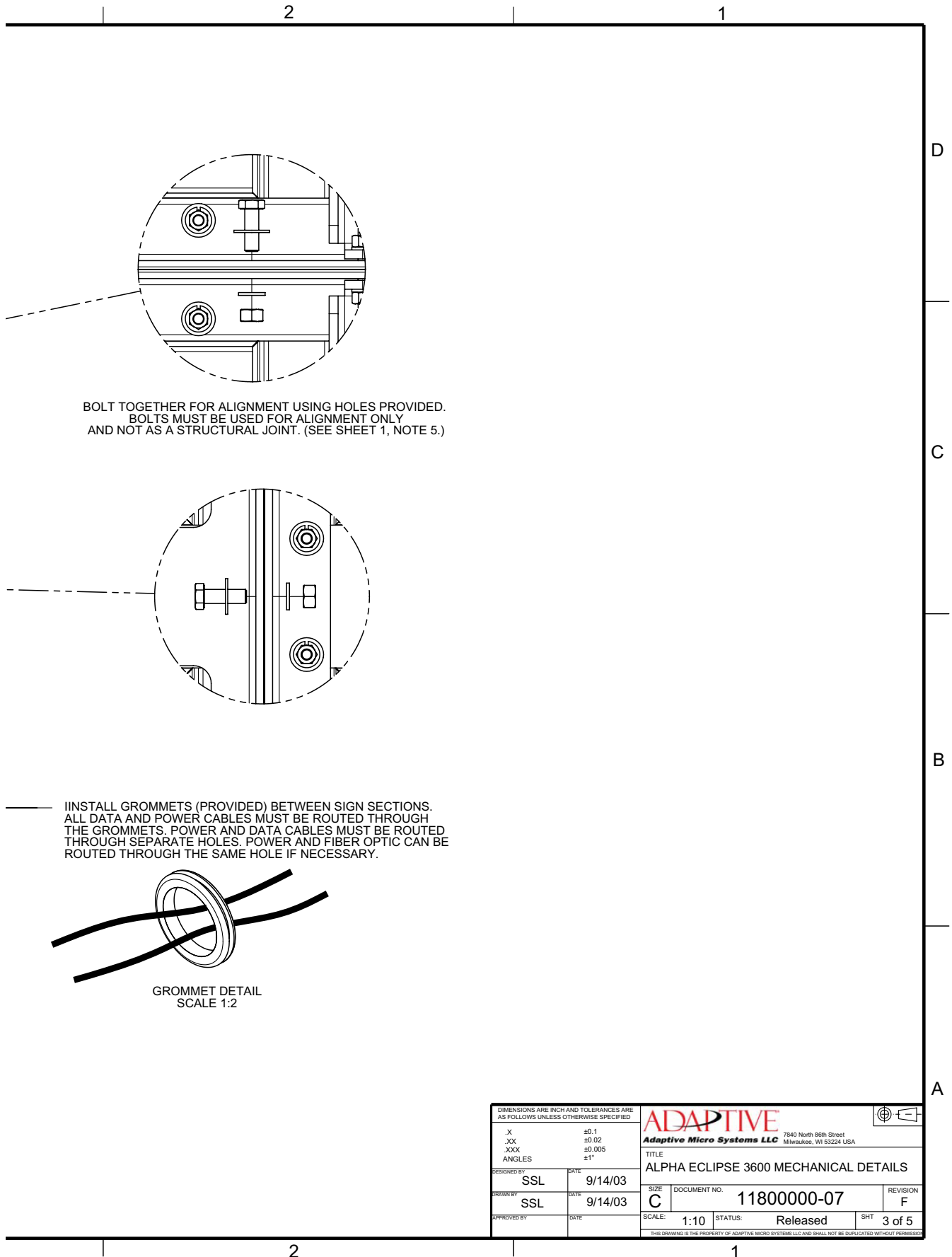
DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		7840 North 86th Street Milwaukee, WI 53224 USA	
X ±0.1	XX ±0.02		
.XXX ±0.005	ANGLES ±1°	TITLE: ALPHA ECLIPSE 3600 MECHANICAL DETAILS	
DESIGNED BY: SSL	DATE: 9/14/03	SIZE: C	DOCUMENT NO.: 11800000-07
DRAWN BY: SSL	DATE: 9/14/03	SCALE: 1:12	STATUS: Released
APPROVED BY:	DATE:	REVISION: F	
		SHT 2 of 5	

2

1

Mechanical installation (11800000-07 revision F, sheet 3 of 5)





DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		ADAPTIVE Adaptive Micro Systems LLC 7840 North 86th Street Milwaukee, WI 53224 USA			
X	±0.1	TITLE ALPHA ECLIPSE 3600 MECHANICAL DETAILS			
.XX	±0.02	DESIGNED BY SSL	DATE 9/14/03	SIZE C	DOCUMENT NO. 11800000-07
.XXX	±0.005	DRAWN BY SSL	DATE 9/14/03	SCALE: 1:10	STATUS: Released
ANGLES	±1°	APPROVED BY	DATE	SHT 3 of 5	REVISION F
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120V electrical installation (11800000-07 revision F, sheet 4 of 5)

4

3

D

C

B

A

MODEL#	120-VAC										TOTAL
	CIRCUIT 1	CIRCUIT 2	CIRCUIT 3	CIRCUIT 4	CIRCUIT 5	CIRCUIT 6	CIRCUIT 7	CIRCUIT 8	CIRCUIT 9	CIRCUIT 10	
16 Pixels High - RGB											
1180 36 01 016 016 RGB	2.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.8
1180 36 01 032 016 RGB	5.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.5
1180 36 01 048 016 RGB	8.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8.3
1180 36 01 064 016 RGB	11.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11.1
1180 36 01 080 016 RGB	13.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13.9
1180 36 01 096 016 RGB	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16.6
1180 36 01 112 016 RGB	19.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	19.4
1180 36 01 128 016 RGB	22.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22.2
1180 36 01 144 016 RGB	22.2	2.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24.9
1180 36 01 160 016 RGB	22.2	5.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27.7
1180 36 01 176 016 RGB	22.2	8.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	30.5
32 Pixels High - RGB											
1180 36 01 016 032 RGB	5.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.5
1180 36 01 032 032 RGB	11.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11.1
1180 36 01 048 032 RGB	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16.6
1180 36 01 064 032 RGB	22.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22.2
1180 36 01 080 032 RGB	13.9	13.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27.7
1180 36 01 096 032 RGB	16.6	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	33.2
1180 36 01 112 032 RGB	19.4	19.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	38.8
1180 36 01 128 032 RGB	22.2	22.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	44.3
1180 36 01 144 032 RGB	13.9	22.2	13.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	49.9
1180 36 01 160 032 RGB	16.6	22.2	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	55.4
1180 36 01 176 032 RGB	19.4	22.2	19.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	60.9
48 Pixels High - RGB											
1180 36 01 016 048 RGB	8.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8.3
1180 36 01 032 048 RGB	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16.6
1180 36 01 048 048 RGB	11.1	13.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24.9
1180 36 01 064 048 RGB	16.6	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	33.2
1180 36 01 080 048 RGB	22.2	19.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	41.6
1180 36 01 096 048 RGB	16.6	16.6	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	49.9
1180 36 01 112 048 RGB	19.4	19.4	19.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	58.2
1180 36 01 128 048 RGB	22.2	22.2	22.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	66.5
1180 36 01 144 048 RGB	19.4	16.6	19.4	19.4	N/A	N/A	N/A	N/A	N/A	N/A	74.8
1180 36 01 160 048 RGB	22.2	16.6	22.2	22.2	N/A	N/A	N/A	N/A	N/A	N/A	83.1
1180 36 01 176 048 RGB	19.4	22.2	19.4	19.4	11.1	N/A	N/A	N/A	N/A	N/A	91.4
64 Pixels High - RGB											
1180 36 01 016 064 RGB	11.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11.1
1180 36 01 032 064 RGB	22.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	22.2
1180 36 01 048 064 RGB	16.6	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	33.2
1180 36 01 064 064 RGB	22.2	22.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	44.3
1180 36 01 080 064 RGB	16.6	22.2	16.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	55.4
1180 36 01 096 064 RGB	22.2	22.2	22.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	66.5
1180 36 01 112 064 RGB	19.4	19.4	19.4	19.4	N/A	N/A	N/A	N/A	N/A	N/A	77.6
1180 36 01 128 064 RGB	22.2	22.2	22.2	22.2	N/A	N/A	N/A	N/A	N/A	N/A	88.6
1180 36 01 144 064 RGB	19.4	22.2	19.4	19.4	19.4	N/A	N/A	N/A	N/A	N/A	99.7
1180 36 01 160 064 RGB	22.2	22.2	22.2	22.2	22.2	N/A	N/A	N/A	N/A	N/A	110.8
1180 36 01 176 064 RGB	19.4	22.2	19.4	22.2	19.4	19.4	N/A	N/A	N/A	N/A	121.9
80 Pixels High - RGB											
1180 36 01 016 080 RGB	13.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13.9
1180 36 01 032 080 RGB	13.9	13.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27.7
1180 36 01 048 080 RGB	22.2	19.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	41.6
1180 36 01 064 080 RGB	22.2	22.2	11.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	55.4
1180 36 01 080 080 RGB	13.9	13.9	13.9	13.9	13.9	N/A	N/A	N/A	N/A	N/A	69.3
1180 36 01 096 080 RGB	16.6	16.6	16.6	16.6	16.6	N/A	N/A	N/A	N/A	N/A	83.1
1180 36 01 112 080 RGB	19.4	19.4	19.4	19.4	19.4	N/A	N/A	N/A	N/A	N/A	97.0
1180 36 01 128 080 RGB	22.2	22.2	22.2	22.2	22.2	N/A	N/A	N/A	N/A	N/A	110.8
1180 36 01 144 080 RGB	19.4	11.1	19.4	19.4	16.6	19.4	19.4	N/A	N/A	N/A	124.7
1180 36 01 160 080 RGB	22.2	11.1	22.2	22.2	16.6	22.2	22.2	N/A	N/A	N/A	138.5
1180 36 01 176 080 RGB	8.3	22.2	8.3	22.2	8.3	22.2	8.3	22.2	8.3	22.2	152.4

The values shown in these tables are the Rated Maximum current. This is a sign's maximum power usage which is calculated with every LED lit and all fans on.

Maximum Operation current is 65% of the Rated Maximum current.

Typical Operation current is 25% of the Rated Maximum current.

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MODEL#	120-VAC										TOTAL	
	CIRCUIT 1	CIRCUIT 2	CIRCUIT 3	CIRCUIT 4	CIRCUIT 5	CIRCUIT 6	CIRCUIT 7	CIRCUIT 8	CIRCUIT 9	CIRCUIT 10		
16 Pixels High - Red/Amber												
1180 36 01 016 016 REDI/AMB	1.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.8
1180 36 01 032 016 REDI/AMB	3.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.5
1180 36 01 048 016 REDI/AMB	5.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.3
1180 36 01 064 016 REDI/AMB	7.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.1
1180 36 01 080 016 REDI/AMB	8.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8.9
1180 36 01 096 016 REDI/AMB	10.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10.6
1180 36 01 112 016 REDI/AMB	12.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12.4
1180 36 01 128 016 REDI/AMB	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14.2
1180 36 01 144 016 REDI/AMB	15.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15.9
1180 36 01 160 016 REDI/AMB	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17.7
1180 36 01 176 016 REDI/AMB	19.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	19.5
32 Pixels High - Red/Amber												
1180 36 01 016 032 REDI/AMB	3.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.5
1180 36 01 032 032 REDI/AMB	7.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.1
1180 36 01 048 032 REDI/AMB	10.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10.6
1180 36 01 064 032 REDI/AMB	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14.2
1180 36 01 080 032 REDI/AMB	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17.7
1180 36 01 096 032 REDI/AMB	21.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21.2
1180 36 01 112 032 REDI/AMB	12.4	12.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24.8
1180 36 01 128 032 REDI/AMB	14.2	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.3
1180 36 01 144 032 REDI/AMB	15.9	15.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31.9
1180 36 01 160 032 REDI/AMB	17.7	17.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	35.4
1180 36 01 176 032 REDI/AMB	19.5	19.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	38.9
48 Pixels High - Red/Amber												
1180 36 01 016 048 REDI/AMB	5.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.3
1180 36 01 032 048 REDI/AMB	10.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10.6
1180 36 01 048 048 REDI/AMB	15.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15.9
1180 36 01 064 048 REDI/AMB	21.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21.2
1180 36 01 080 048 REDI/AMB	12.4	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26.6
1180 36 01 096 048 REDI/AMB	15.9	15.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31.9
1180 36 01 112 048 REDI/AMB	19.5	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	37.2
1180 36 01 128 048 REDI/AMB	23.0	19.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	42.5
1180 36 01 144 048 REDI/AMB	15.9	15.9	15.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	47.8
1180 36 01 160 048 REDI/AMB	17.7	17.7	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	53.1
1180 36 01 176 048 REDI/AMB	19.5	19.5	19.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	58.4
64 Pixels High - Red/Amber												
1180 36 01 016 064 REDI/AMB	7.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.1
1180 36 01 032 064 REDI/AMB	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14.2
1180 36 01 048 064 REDI/AMB	21.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21.2
1180 36 01 064 064 REDI/AMB	14.2	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.3
1180 36 01 080 064 REDI/AMB	17.7	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	35.4
1180 36 01 096 064 REDI/AMB	21.2	21.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	42.5
1180 36 01 112 064 REDI/AMB	14.2	21.2	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	49.6
1180 36 01 128 064 REDI/AMB	17.7	21.2	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	56.6
1180 36 01 144 064 REDI/AMB	21.2	21.2	21.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	63.7
1180 36 01 160 064 REDI/AMB	17.7	17.7	17.7	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	70.8
1180 36 01 176 064 REDI/AMB	19.5	19.5	19.5	19.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	77.9
80 Pixels High - Red/Amber												
1180 36 01 016 080 REDI/AMB	8.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8.9
1180 36 01 032 080 REDI/AMB	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17.7
1180 36 01 048 080 REDI/AMB	12.4	14.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26.6
1180 36 01 064 080 REDI/AMB	17.7	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	35.4
1180 36 01 080 080 REDI/AMB	23.0	21.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	44.3
1180 36 01 096 080 REDI/AMB	17.7	21.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	53.1
1180 36 01 112 080 REDI/AMB	20.1	21.2	17.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	62.0
1180 36 01 128 080 REDI/AMB	14.2	14.2	14.2	14.2	14.2	N/A	N/A	N/A	N/A	N/A	N/A	70.8
1180 36 01 144 080 REDI/AMB	15.9	15.9	15.9	15.9	15.9	N/A	N/A	N/A	N/A	N/A	N/A	79.7
1180 36 01 160 080 REDI/AMB	17.7	17.7	17.7	17.7	17.7	N/A	N/A	N/A	N/A	N/A	N/A	88.5
1180 36 01 176 080 REDI/AMB	19.5	19.5	19.5	19.5	19.5	N/A	N/A	N/A	N/A	N/A	N/A	97.4

NOTE: MONOCHROME MODEL NUMBERS WILL CONTAIN EITHER RED OR AMB (NOT BOTH)

DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		ADAPTIVE Adaptive Micro Systems LLC 7340 North 96th Street Milwaukee, WI 53224 USA		TITLE ALPHA ECLIPSE 3600 MECHANICAL DETAILS	
.X .XX .XXX ANGLES	±0.1 ±0.02 ±0.005 ±1°	DESIGNED BY SSL	DATE 9/14/03	SIZE C	DOCUMENT NO. 11800000-07
DRAWN BY SSL	DATE 9/14/03	APPROVED BY	DATE	SCALE: 1:12	STATUS: Released
				SHT 4 of 5	REVISION F

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230V electrical installation (11800000-07 revision F, sheet 5 of 5)

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D

C

B

A

MODEL #	230-VAC					TOTAL
	CIRCUIT 1	CIRCUIT 2	CIRCUIT 3	CIRCUIT 4	CIRCUIT 5	
16 Pixels High - RGB						
1180 36 01 016 016 RGB	1.4	N/A	N/A	N/A	N/A	1.4
1180 36 01 032 016 RGB	2.8	N/A	N/A	N/A	N/A	2.8
1180 36 01 048 016 RGB	4.2	N/A	N/A	N/A	N/A	4.2
1180 36 01 064 016 RGB	5.5	N/A	N/A	N/A	N/A	5.5
1180 36 01 080 016 RGB	6.9	N/A	N/A	N/A	N/A	6.9
1180 36 01 096 016 RGB	8.3	N/A	N/A	N/A	N/A	8.3
1180 36 01 112 016 RGB	9.7	N/A	N/A	N/A	N/A	9.7
1180 36 01 128 016 RGB	11.1	N/A	N/A	N/A	N/A	11.1
1180 36 01 144 016 RGB	12.5	N/A	N/A	N/A	N/A	12.5
1180 36 01 160 016 RGB	13.9	N/A	N/A	N/A	N/A	13.9
1180 36 01 176 016 RGB	15.2	N/A	N/A	N/A	N/A	15.2
32 Pixels High - RGB						
1180 36 01 016 032 RGB	2.8	N/A	N/A	N/A	N/A	2.8
1180 36 01 032 032 RGB	5.5	N/A	N/A	N/A	N/A	5.5
1180 36 01 048 032 RGB	8.3	N/A	N/A	N/A	N/A	8.3
1180 36 01 064 032 RGB	11.1	N/A	N/A	N/A	N/A	11.1
1180 36 01 080 032 RGB	13.3	N/A	N/A	N/A	N/A	13.9
1180 36 01 096 032 RGB	16.6	N/A	N/A	N/A	N/A	16.6
1180 36 01 112 032 RGB	19.4	N/A	N/A	N/A	N/A	19.4
1180 36 01 128 032 RGB	22.2	N/A	N/A	N/A	N/A	22.2
1180 36 01 144 032 RGB	12.5	12.5	N/A	N/A	N/A	24.9
1180 36 01 160 032 RGB	13.9	13.9	N/A	N/A	N/A	27.7
1180 36 01 176 032 RGB	15.2	15.2	N/A	N/A	N/A	30.5
48 Pixels High - RGB						
1180 36 01 016 048 RGB	4.2	N/A	N/A	N/A	N/A	4.2
1180 36 01 032 048 RGB	8.3	N/A	N/A	N/A	N/A	8.3
1180 36 01 048 048 RGB	12.5	N/A	N/A	N/A	N/A	12.5
1180 36 01 064 048 RGB	16.6	N/A	N/A	N/A	N/A	16.6
1180 36 01 080 048 RGB	20.8	N/A	N/A	N/A	N/A	20.8
1180 36 01 096 048 RGB	9.7	15.2	N/A	N/A	N/A	24.9
1180 36 01 112 048 RGB	12.5	16.6	N/A	N/A	N/A	29.1
1180 36 01 128 048 RGB	15.2	18.0	N/A	N/A	N/A	33.2
1180 36 01 144 048 RGB	18.0	19.4	N/A	N/A	N/A	37.4
1180 36 01 160 048 RGB	20.8	20.8	N/A	N/A	N/A	41.6
1180 36 01 176 048 RGB	15.2	15.2	15.2	N/A	N/A	45.7
64 Pixels High - RGB						
1180 36 01 016 064 RGB	5.5	N/A	N/A	N/A	N/A	5.5
1180 36 01 032 064 RGB	11.1	N/A	N/A	N/A	N/A	11.1
1180 36 01 048 064 RGB	16.6	N/A	N/A	N/A	N/A	16.6
1180 36 01 064 064 RGB	22.2	N/A	N/A	N/A	N/A	22.2
1180 36 01 080 064 RGB	13.9	13.9	N/A	N/A	N/A	27.7
1180 36 01 096 064 RGB	16.6	16.6	N/A	N/A	N/A	33.2
1180 36 01 112 064 RGB	19.4	19.4	N/A	N/A	N/A	38.8
1180 36 01 128 064 RGB	22.2	22.2	N/A	N/A	N/A	44.3
1180 36 01 144 064 RGB	13.9	22.2	13.9	N/A	N/A	49.9
1180 36 01 160 064 RGB	16.6	22.2	16.6	N/A	N/A	55.4
1180 36 01 176 064 RGB	19.4	22.2	19.4	N/A	N/A	60.9
80 Pixels High - RGB						
1180 36 01 016 080 RGB	6.9	N/A	N/A	N/A	N/A	6.9
1180 36 01 032 080 RGB	13.9	N/A	N/A	N/A	N/A	13.9
1180 36 01 048 080 RGB	20.8	N/A	N/A	N/A	N/A	20.8
1180 36 01 064 080 RGB	12.5	15.2	N/A	N/A	N/A	27.7
1180 36 01 080 080 RGB	16.6	18.0	N/A	N/A	N/A	34.6
1180 36 01 096 080 RGB	20.8	20.8	N/A	N/A	N/A	41.6
1180 36 01 112 080 RGB	19.4	19.4	9.7	N/A	N/A	48.5
1180 36 01 128 080 RGB	22.2	22.2	11.1	N/A	N/A	55.4
1180 36 01 144 080 RGB	16.6	20.8	16.6	8.3	N/A	62.3
1180 36 01 160 080 RGB	19.4	20.8	19.4	9.7	N/A	69.3
1180 36 01 176 080 RGB	22.2	20.8	22.2	11.1	N/A	76.2

The values shown in these tables are the Rated Maximum current. This is a sign's maximum power usage which is calculated with every LED lit and all fans on.

Maximum Operation current is 65% of the Rated Maximum current.

Typical Operation current is 25% of the Rated Maximum current.

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MODEL #	230-VAC					TOTAL
	CIRCUIT 1	CIRCUIT 2	CIRCUIT 3	CIRCUIT 4	CIRCUIT 5	
16 Pixels High - Red/Amber						
1180 36 01 016 016 REDI/AMB	0.9	N/A	N/A	N/A	N/A	0.9
1180 36 01 032 016 REDI/AMB	1.8	N/A	N/A	N/A	N/A	1.8
1180 36 01 048 016 REDI/AMB	2.7	N/A	N/A	N/A	N/A	2.7
1180 36 01 064 016 REDI/AMB	3.5	N/A	N/A	N/A	N/A	3.5
1180 36 01 080 016 REDI/AMB	4.4	N/A	N/A	N/A	N/A	4.4
1180 36 01 096 016 REDI/AMB	5.3	N/A	N/A	N/A	N/A	5.3
1180 36 01 112 016 REDI/AMB	6.2	N/A	N/A	N/A	N/A	6.2
1180 36 01 128 016 REDI/AMB	7.1	N/A	N/A	N/A	N/A	7.1
1180 36 01 144 016 REDI/AMB	8.0	N/A	N/A	N/A	N/A	8.0
1180 36 01 160 016 REDI/AMB	8.9	N/A	N/A	N/A	N/A	8.9
1180 36 01 176 016 REDI/AMB	9.7	N/A	N/A	N/A	N/A	9.7
32 Pixels High - Red/Amber						
1180 36 01 016 032 REDI/AMB	1.8	N/A	N/A	N/A	N/A	1.8
1180 36 01 032 032 REDI/AMB	3.5	N/A	N/A	N/A	N/A	3.5
1180 36 01 048 032 REDI/AMB	5.3	N/A	N/A	N/A	N/A	5.3
1180 36 01 064 032 REDI/AMB	7.1	N/A	N/A	N/A	N/A	7.1
1180 36 01 080 032 REDI/AMB	8.9	N/A	N/A	N/A	N/A	8.9
1180 36 01 096 032 REDI/AMB	10.6	N/A	N/A	N/A	N/A	10.6
1180 36 01 112 032 REDI/AMB	12.4	N/A	N/A	N/A	N/A	12.4
1180 36 01 128 032 REDI/AMB	14.2	N/A	N/A	N/A	N/A	14.2
1180 36 01 144 032 REDI/AMB	15.9	N/A	N/A	N/A	N/A	15.9
1180 36 01 160 032 REDI/AMB	17.7	N/A	N/A	N/A	N/A	17.7
1180 36 01 176 032 REDI/AMB	19.5	N/A	N/A	N/A	N/A	19.5
48 Pixels High - Red/Amber						
1180 36 01 016 048 REDI/AMB	2.7	N/A	N/A	N/A	N/A	2.7
1180 36 01 032 048 REDI/AMB	5.3	N/A	N/A	N/A	N/A	5.3
1180 36 01 048 048 REDI/AMB	8.0	N/A	N/A	N/A	N/A	8.0
1180 36 01 064 048 REDI/AMB	10.6	N/A	N/A	N/A	N/A	10.6
1180 36 01 080 048 REDI/AMB	13.3	N/A	N/A	N/A	N/A	13.3
1180 36 01 096 048 REDI/AMB	15.9	N/A	N/A	N/A	N/A	15.9
1180 36 01 112 048 REDI/AMB	18.6	N/A	N/A	N/A	N/A	18.6
1180 36 01 128 048 REDI/AMB	21.2	N/A	N/A	N/A	N/A	21.2
1180 36 01 144 048 REDI/AMB	23.9	N/A	N/A	N/A	N/A	23.9
1180 36 01 160 048 REDI/AMB	13.3	13.3	N/A	N/A	N/A	26.6
1180 36 01 176 048 REDI/AMB	15.0	14.2	N/A	N/A	N/A	29.2
64 Pixels High - Red/Amber						
1180 36 01 016 064 REDI/AMB	3.5	N/A	N/A	N/A	N/A	3.5
1180 36 01 032 064 REDI/AMB	7.1	N/A	N/A	N/A	N/A	7.1
1180 36 01 048 064 REDI/AMB	10.6	N/A	N/A	N/A	N/A	10.6
1180 36 01 064 064 REDI/AMB	14.2	N/A	N/A	N/A	N/A	14.2
1180 36 01 080 064 REDI/AMB	17.7	N/A	N/A	N/A	N/A	17.7
1180 36 01 096 064 REDI/AMB	21.2	N/A	N/A	N/A	N/A	21.2
1180 36 01 112 064 REDI/AMB	12.4	12.4	N/A	N/A	N/A	24.8
1180 36 01 128 064 REDI/AMB	14.2	14.2	N/A	N/A	N/A	28.3
1180 36 01 144 064 REDI/AMB	15.9	15.9	N/A	N/A	N/A	31.9
1180 36 01 160 064 REDI/AMB	17.7	17.7	N/A	N/A	N/A	35.4
1180 36 01 176 064 REDI/AMB	19.5	19.5	N/A	N/A	N/A	38.9
80 Pixels High - Red/Amber						
1180 36 01 016 080 REDI/AMB	4.4	N/A	N/A	N/A	N/A	4.4
1180 36 01 032 080 REDI/AMB	8.9	N/A	N/A	N/A	N/A	8.9
1180 36 01 048 080 REDI/AMB	13.3	N/A	N/A	N/A	N/A	13.3
1180 36 01 064 080 REDI/AMB	17.7	N/A	N/A	N/A	N/A	17.7
1180 36 01 080 080 REDI/AMB	22.1	N/A	N/A	N/A	N/A	22.1
1180 36 01 096 080 REDI/AMB	11.5	15.0	N/A	N/A	N/A	26.6
1180 36 01 112 080 REDI/AMB	14.2	16.3	N/A	N/A	N/A	31.0
1180 36 01 128 080 REDI/AMB	16.8	18.6	N/A	N/A	N/A	35.4
1180 36 01 144 080 REDI/AMB	19.5	20.4	N/A	N/A	N/A	39.8
1180 36 01 160 080 REDI/AMB	22.1	22.1	N/A	N/A	N/A	44.3
1180 36 01 176 080 REDI/AMB	19.5	19.5	9.7	N/A	N/A	48.7



D

C

B

A

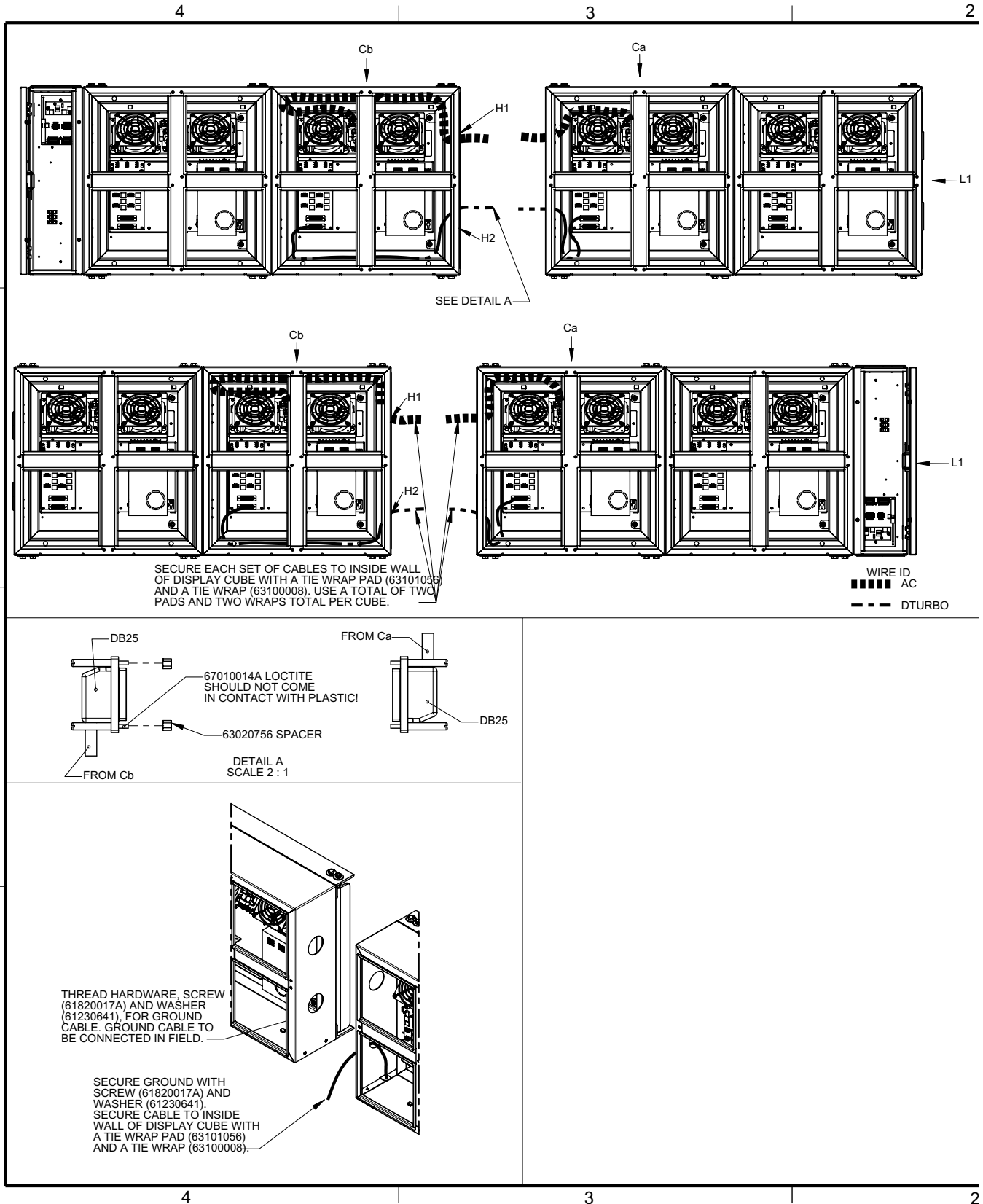
NOTE: MONOCHROME MODEL NUMBERS WILL CONTAIN EITHER RED OR AMB (NOT BOTH)

DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		 Adaptive Micro Systems LLC 7840 North 86th Street Milwaukee, WI 53224 USA	
.X	±0.1		
.XX	±0.02	TITLE	
.XXX	±0.005	ALPHA ECLIPSE 3600 MECHANICAL DETAILS	
ANGLES	±1°	SIZE	DOCUMENT NO.
DESIGNED BY	DATE	C	11800000-07
SSL	9/14/03	SCALE:	1:12
DRAWN BY	DATE	STATUS:	Released
SSL	9/14/03	SHT	5 of 5
APPROVED BY	DATE	THIS DRAWING IS THE PROPERTY OF ADAPTIVE MICRO SYSTEMS LLC AND SHALL NOT BE DUPLICATED WITHOUT PERMISSION	

2

1

Multi-section sign: vertical split assembly (11800000-15, revision A)

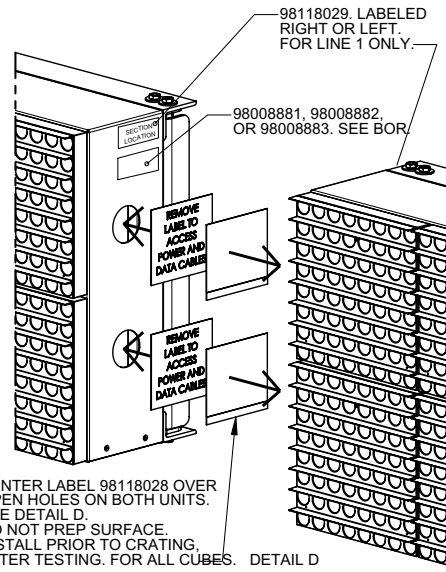
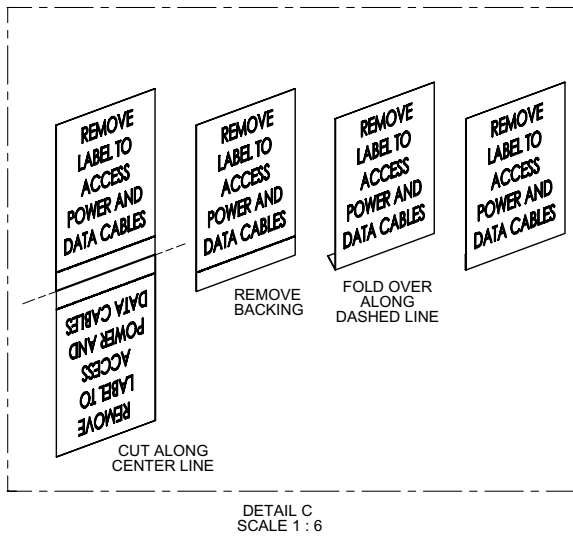
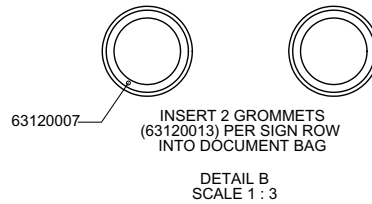


2

1

SPLIT SECTION WIRING							
Between Ca & Cb (Left Wireway)							
Name	From		Via			To	
	Module No.	Name	Wire No.	Color	Length	Module No.	Name
AC	LxCb	PCB1-P2	71120304	N/A	24"	LxCb	H1
	LxCb	AP-TB1-B1	71120301	BLK	50"	LxCb	H1
		AP-TB1-B2 AP-TB1-B3		WHT GRN			
LxCa	PCB1-P1	71120302	N/A	62"	LxCa	H1	
Dturbo	LxCb	PCB2-P8	71240901	N/A	40"	LxCb	H2
	LxCa	PCB2-P7	71240901	N/A	40"	LxCa	H2
Ground	LxCa	GND2	71120116	N/A	13"	LxCa	H2

Between Ca & Cb (Right Wireway)							
Name	From		Via			To	
	Module No.	Name	Wire No.	Color	Length	Module No.	Name
AC	LxCa	PCB1-P1	71120304	N/A	24"	LxCa	H1
	LxCa	AP-TB1-A1	71120301	BLK	50"	LxCa	H1
		AP-TB1-A2 AP-TB1-A3		WHT GRN			
LxCb	PCB1-P2	71120302	N/A	62"	LxCb	H1	
Dturbo	LxCb	PCB2-P8	71240901	N/A	40"	LxCb	H2
	LxCa	PCB2-P7	71240901	N/A	40"	LxCa	H2
Ground	LxCa	GND2	71120116	N/A	13"	LxCa	H2



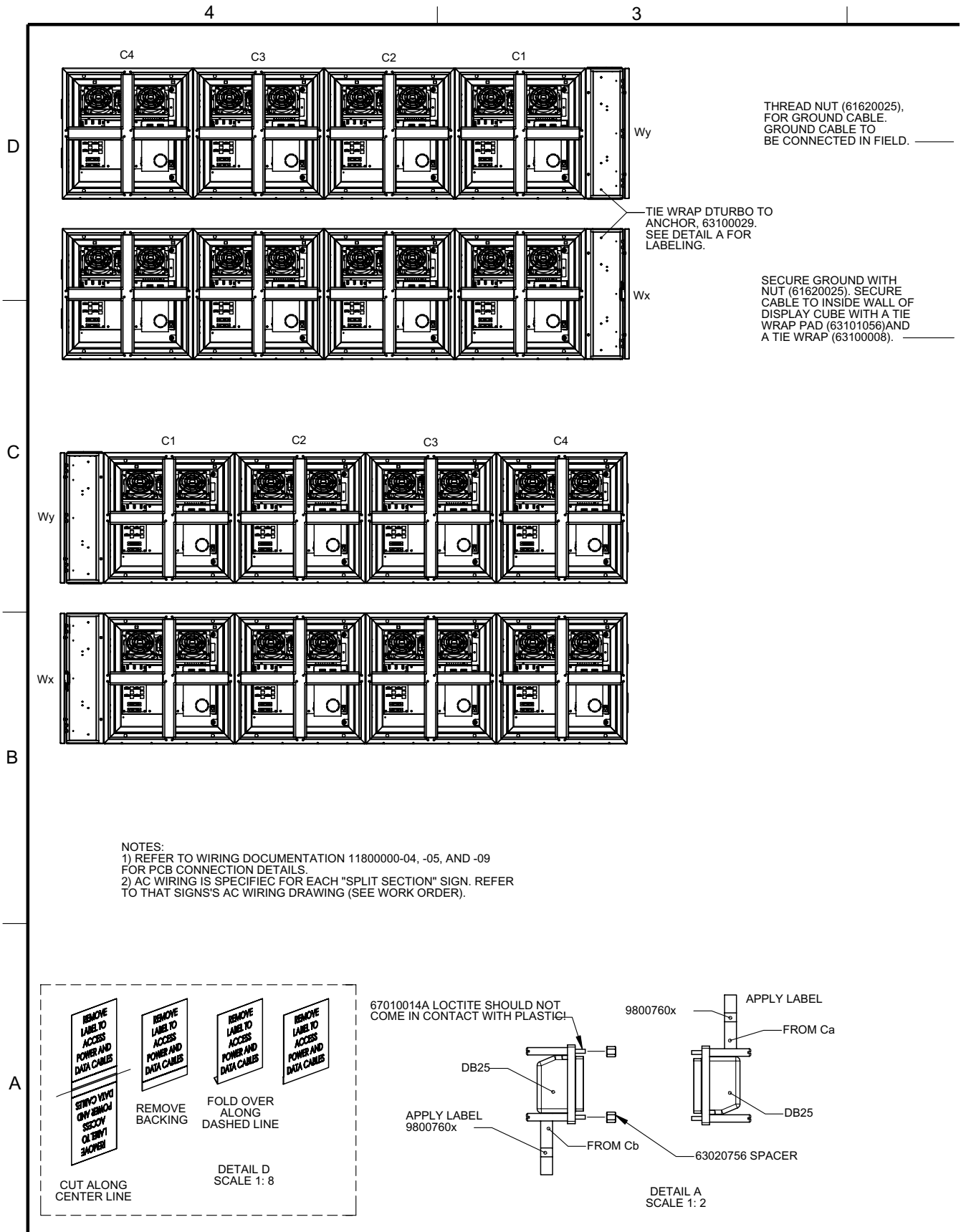
- NOTES:
 1) REFER TO WIRING DOCUMENTATION 11800000-04, -05, -09, AND -22 FOR PCB CONNECTION DETAILS.
 2) AC WIRING IS SPECIFIC FOR EACH "SPLIT SECTION" SIGN. REFER TO THAT SIGN'S AC WIRING DRAWING (SEE WORK ORDER).

DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED: .X ±0.1 .XX ±0.02 .XXX ±0.005 ANGLES ±1°		ADAPTIVE Adaptive Micro Systems LLC 7840 North 86th Street Milwaukee, WI 53224 USA	
DRAWN BY: SSL DATE: 12/2/03 CHECKED BY: DATE:		TITLE: P1180, MULTI-SECTION, VERTICAL SPLIT ASSEMBLY SIZE: C DOCUMENT NO. 11800000-15 REVISION: A	
APPROVED BY: DATE:		SCALE: 1:8 STATUS: Released SHIT 1 of 1	
A RELEASED FOR PRODUCTION REV DESCRIPTION ECO BY DATE		THIS DRAWING IS THE PROPERTY OF ADAPTIVE MICRO SYSTEMS LLC AND SHALL NOT BE DUPLICATED WITHOUT PERMISSION	

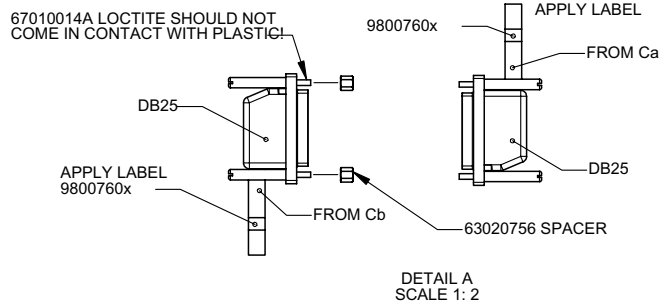
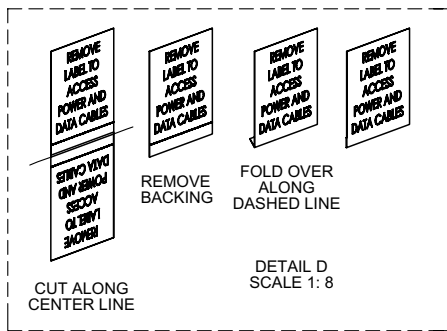
2

1

Multi-section sign: horizontal split assembly (11800000-16, revision A)

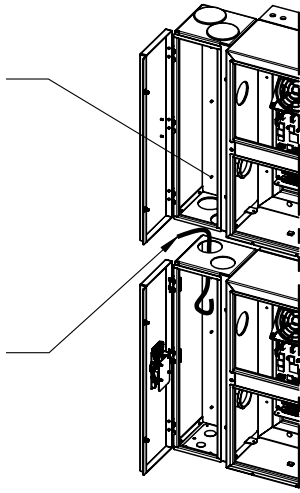


NOTES:
 1) REFER TO WIRING DOCUMENTATION 11800000-04, -05, AND -09 FOR PCB CONNECTION DETAILS.
 2) AC WIRING IS SPECIFIC FOR EACH "SPLIT SECTION" SIGN. REFER TO THAT SIGN'S AC WIRING DRAWING (SEE WORK ORDER).

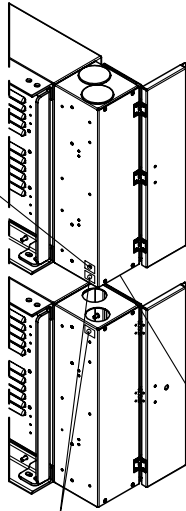


2

1



DETAIL B
SCALE 1: 8



98118029
LABELED
TOP OR BOTTOM

DETAIL C
SCALE 1: 2

SPLIT SECTION WIRING								
Between Wx & Wy (Right Wireway)								
Name	From			Via		To		Label (see Detail A)
	Module No.	Name	Wire No.	Color	Length	Module No.	Name	
Dturbo ¹ (128 pixel total height)	L1C2	PCB6-P1	71240901	N/A	40"	L1C1	PCB2-P8	98007601
	L1C2	PCB6-P2	71241802	N/A	114"	L2C1	PCB2-P8	98007602
	L1C2	PCB6-P3	71241803	N/A	138"	L3C1	PCB2-P8	98007603
	L1C2	PCB6-P4	71241805	N/A	162"	L4C1	PCB2-P8	98007604
	L1C2	PCB6-P5	71241805	N/A	162"	L4Wx	H3	98007605
	L1C2	PCB6-P6	71241805	N/A	162"	L4Wx	H3	98007606
	L1C2	PCB6-P7	71241805	N/A	162"	L4Wx	H3	98007607
	L1C2	PCB6-P8	71241805	N/A	162"	L4Wx	H3	98007608
	L5Wy	H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605
	L5Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606
	L5Wy	H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607
	L5Wy	H3	71241802	N/A	114"	L8C1	PCB2-P8	98007608
	L1C2	PCB6-P1	71240901	N/A	40"	L1C1	PCB2-P8	98007601
	L1C2	PCB6-P2	71241802	N/A	114"	L2C1	PCB2-P8	98007602
L1C2	PCB6-P3	71241803	N/A	138"	L3C1	PCB2-P8	98007603	
L1C2	PCB6-P4	71241805	N/A	162"	L4C1	PCB2-P8	98007604	
L1C2	PCB6-P5	71241805	N/A	162"	L4Wx	H3	98007605	
L1C2	PCB6-P6	71241805	N/A	162"	L4Wx	H3	98007606	
L1C2	PCB6-P7	71241805	N/A	162"	L4Wx	H3	98007607	
L5Wy	H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605	
L5Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	
L5Wy	H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607	
L5Wy	H3	71241802	N/A	114"	L8C1	PCB2-P8	98007608	
L1C2	PCB6-P1	71240901	N/A	40"	L1C1	PCB2-P8	98007601	
L1C2	PCB6-P2	71241802	N/A	114"	L2C1	PCB2-P8	98007602	
L1C2	PCB6-P3	71241803	N/A	138"	L3C1	PCB2-P8	98007603	
L1C2	PCB6-P4	71241803	N/A	138"	L3Wx	H3	98007604	
L1C2	PCB6-P5	71241803	N/A	138"	L3Wx	H3	98007605	
L1C2	PCB6-P6	71241803	N/A	138"	L3Wx	H3	98007606	
L4Wy	H3	71240901	N/A	40"	L4C1	PCB2-P8	98007604	
L4Wy	H3	71240902	N/A	90"	L5C1	PCB2-P8	98007605	
L4Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	

Between Wx & Wy (Left Wireway)								
Name	From			Via		To		Label (see Detail A)
	Module No.	Name	Wire No.	Color	Length	Module No.	Name	
Dturbo ¹ (128 pixel total height)	L1C2	PCB6-P1	71241810	N/A	52"	L1C1	PCB2-P8	98007601
	L1C2	PCB6-P2	71240902	N/A	90"	L2C1	PCB2-P8	98007602
	L1C2	PCB6-P3	71241802	N/A	114"	L3C1	PCB2-P8	98007603
	L1C2	PCB6-P4	71241803	N/A	138"	L4C1	PCB2-P8	98007604
	L1C2	PCB6-P5	71241803	N/A	138"	L4Wx	H3	98007605
	L1C2	PCB6-P6	71241803	N/A	138"	L4Wx	H3	98007606
	L1C2	PCB6-P7	71241803	N/A	138"	L4Wx	H3	98007607
	L1C2	PCB6-P8	71241803	N/A	138"	L4Wx	H3	98007608
	L5Wy	H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605
	L5Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606
	L5Wy	H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607
	L5Wy	H3	71241802	N/A	114"	L8C1	PCB2-P8	98007608
	L1C2	PCB6-P1	71241810	N/A	52"	L1C1	PCB2-P8	98007601
	L1C2	PCB6-P2	71240902	N/A	90"	L2C1	PCB2-P8	98007602
L1C2	PCB6-P3	71241802	N/A	114"	L3C1	PCB2-P8	98007603	
L1C2	PCB6-P4	71241803	N/A	138"	L4C1	PCB2-P8	98007604	
L1C2	PCB6-P5	71241803	N/A	138"	L4Wx	H3	98007605	
L1C2	PCB6-P6	71241803	N/A	138"	L4Wx	H3	98007606	
L1C2	PCB6-P7	71241803	N/A	138"	L4Wx	H3	98007607	
L5Wy	H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605	
L5Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	
L5Wy	H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607	
L5Wy	H3	71241802	N/A	114"	L8C1	PCB2-P8	98007608	
L1C2	PCB6-P1	71241810	N/A	52"	L1C1	PCB2-P8	98007601	
L1C2	PCB6-P2	71240902	N/A	90"	L2C1	PCB2-P8	98007602	
L1C2	PCB6-P3	71241802	N/A	114"	L3C1	PCB2-P8	98007603	
L1C2	PCB6-P4	71241803	N/A	138"	L3Wx	H3	98007604	
L1C2	PCB6-P5	71241803	N/A	138"	L3Wx	H3	98007605	
L1C2	PCB6-P6	71241803	N/A	138"	L3Wx	H3	98007606	
L4Wy	H3	71240901	N/A	40"	L4C1	PCB2-P8	98007604	
L4Wy	H3	71240902	N/A	90"	L5C1	PCB2-P8	98007605	
L4Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	

1 - NOTE: USE TOTAL SIGN HEIGHT.

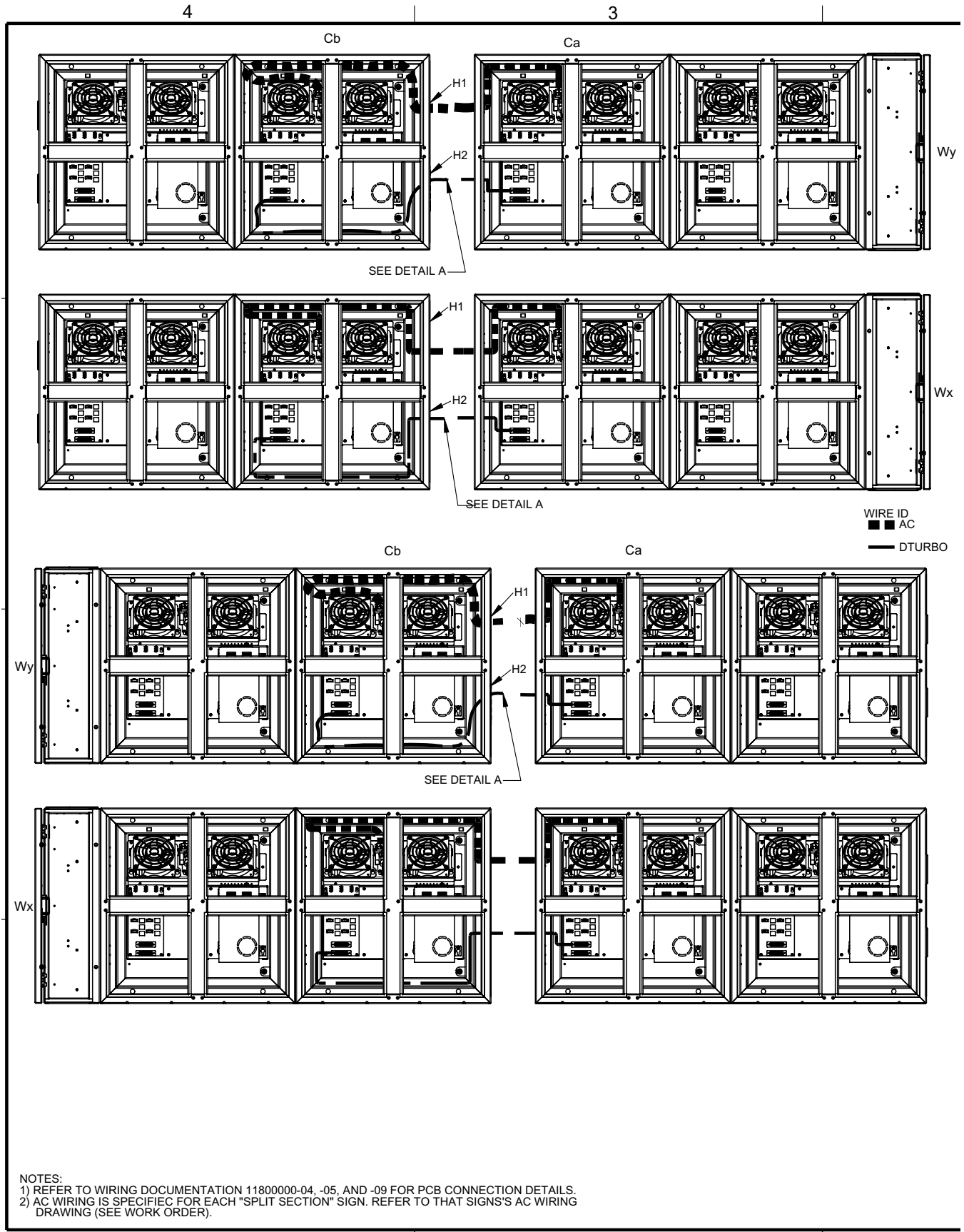
CENTER LABEL
98118028 OVER OPEN HOLES.
SEE DETAIL D. DO NOT PREP
SURFACE. INSTALL PRIOR TO
CRATING AFTER TESTING.

DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		 Adaptive Micro Systems LLC 7840 North 86th Street Milwaukee, WI 53224 USA	
X ±0.1 XX ±0.02 .XXX ±0.005 ANGLES ±1°		TITLE P1180, MULTI-SECTION, HORIZONTAL SPLIT ASSEMBLY	
DRAWN BY: SSL DATE: 12/2/03		SIZE: C DOCUMENT NO. 11800000-16 REVISION: A	
CHECKED BY: DATE:		SCALE: 1:8 STATUS: Released SHT 1 of 1	
APPROVED BY: DATE:		THIS DRAWING IS THE PROPERTY OF ADAPTIVE MICRO SYSTEMS, LLC AND SHALL NOT BE DUPLICATED WITHOUT PERMISSION.	
REV. A	RELEASED FOR PRODUCTION	ECO	BY: SSL DATE: 12/2/03

2

1

Multi-section sign: vertical/horizontal split assembly (11800000-17, revision A, sheet 1 of 2)



NOTES:
 1) REFER TO WIRING DOCUMENTATION 11800000-04, -05, AND -09 FOR PCB CONNECTION DETAILS.
 2) AC WIRING IS SPECIFIC FOR EACH "SPLIT SECTION" SIGN. REFER TO THAT SIGN'S AC WIRING DRAWING (SEE WORK ORDER).

2

1


SPLIT SECTION WIRING									
Between Wx & Wy (Right Wireway)									
Name	From			Via			To		Label (see Detail A)
	Module No.	Name	Wire No.	Color	Length	Module No.	Name		
Dturbo ¹ (128 pixel total height)	L1C2	PCB6-P1	71240901	N/A	40"	L1C1	PCB2-P8	98007601	
	L1C2	PCB6-P2	71241802	N/A	114"	L2C1	PCB2-P8	98007602	
	L1C2	PCB6-P3	71241803	N/A	138"	L3C1	PCB2-P8	98007603	
	L1C2	PCB6-P4	71241805	N/A	162"	L4C1	PCB2-P8	98007604	
	L1C2	PCB6-P5	71241805	N/A	162"	L4Wx	H3	98007605	
	L1C2	PCB6-P6	71241805	N/A	162"	L4Wx	H3	98007606	
	L1C2	PCB6-P7	71241805	N/A	162"	L4Wx	H3	98007607	
	L1C2	PCB6-P8	71241805	N/A	162"	L4Wx	H3	98007608	
	L5Wy	H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605	
	L5Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	
	L5Wy	H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607	
	Dturbo ¹ (112 pixel total height)	L1C2	PCB6-P1	71240901	N/A	40"	L1C1	PCB2-P8	98007601
L1C2		PCB6-P2	71241802	N/A	114"	L2C1	PCB2-P8	98007602	
L1C2		PCB6-P3	71241803	N/A	138"	L3C1	PCB2-P8	98007603	
L1C2		PCB6-P4	71241805	N/A	162"	L4C1	PCB2-P8	98007604	
L1C2		PCB6-P5	71241805	N/A	162"	L4Wx	H3	98007605	
L1C2		PCB6-P6	71241805	N/A	162"	L4Wx	H3	98007606	
L1C2		PCB6-P7	71241805	N/A	162"	L4Wx	H3	98007607	
L5Wy		H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605	
L5Wy		H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	
L5Wy		H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607	
Dturbo ¹ (96 pixel total height)		L1C2	PCB6-P1	71240901	N/A	40"	L1C1	PCB2-P8	98007601
		L1C2	PCB6-P2	71241802	N/A	114"	L2C1	PCB2-P8	98007602
	L1C2	PCB6-P3	71241803	N/A	138"	L3C1	PCB2-P8	98007603	
	L1C2	PCB6-P4	71241803	N/A	138"	L3Wx	H3	98007604	
	L1C2	PCB6-P5	71241803	N/A	138"	L3Wx	H3	98007605	
	L1C2	PCB6-P6	71241803	N/A	138"	L3Wx	H3	98007606	
	L4Wy	H3	71240901	N/A	40"	L4C1	PCB2-P8	98007604	
	L4Wy	H3	71240902	N/A	90"	L5C1	PCB2-P8	98007605	
	L4Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	

SPLIT SECTION WIRING									
Between Wx & Wy (Left Wireway)									
Name	From			Via			To		Label (see Detail A)
	Module No.	Name	Wire No.	Color	Length	Module No.	Name		
Dturbo ¹ (128 pixel total height)	L1C2	PCB6-P1	71241810	N/A	52"	L1C1	PCB2-P8	98007601	
	L1C2	PCB6-P2	71240902	N/A	90"	L2C1	PCB2-P8	98007602	
	L1C2	PCB6-P3	71241802	N/A	114"	L3C1	PCB2-P8	98007603	
	L1C2	PCB6-P4	71241803	N/A	138"	L4C1	PCB2-P8	98007604	
	L1C2	PCB6-P5	71241803	N/A	138"	L4Wx	H3	98007605	
	L1C2	PCB6-P6	71241803	N/A	138"	L4Wx	H3	98007606	
	L1C2	PCB6-P7	71241803	N/A	138"	L4Wx	H3	98007607	
	L1C2	PCB6-P8	71241803	N/A	138"	L4Wx	H3	98007608	
	L5Wy	H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605	
	L5Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	
	L5Wy	H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607	
	Dturbo ¹ (112 pixel total height)	L1C2	PCB6-P1	71241810	N/A	52"	L1C1	PCB2-P8	98007601
L1C2		PCB6-P2	71240902	N/A	90"	L2C1	PCB2-P8	98007602	
L1C2		PCB6-P3	71241802	N/A	114"	L3C1	PCB2-P8	98007603	
L1C2		PCB6-P4	71241803	N/A	138"	L4C1	PCB2-P8	98007604	
L1C2		PCB6-P5	71241803	N/A	138"	L4Wx	H3	98007605	
L1C2		PCB6-P6	71241803	N/A	138"	L4Wx	H3	98007606	
L1C2		PCB6-P7	71241803	N/A	138"	L4Wx	H3	98007607	
L5Wy		H3	71240901	N/A	40"	L5C1	PCB2-P8	98007605	
L5Wy		H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	
L5Wy		H3	71240902	N/A	90"	L7C1	PCB2-P8	98007607	
Dturbo ¹ (96 pixel total height)		L1C2	PCB6-P1	71241810	N/A	52"	L1C1	PCB2-P8	98007601
		L1C2	PCB6-P2	71240902	N/A	90"	L2C1	PCB2-P8	98007602
	L1C2	PCB6-P3	71241802	N/A	114"	L3C1	PCB2-P8	98007603	
	L1C2	PCB6-P4	71241803	N/A	138"	L3Wx	H3	98007604	
	L1C2	PCB6-P5	71241803	N/A	138"	L3Wx	H3	98007605	
	L1C2	PCB6-P6	71241803	N/A	138"	L3Wx	H3	98007606	
	L4Wy	H3	71240901	N/A	40"	L4C1	PCB2-P8	98007604	
	L4Wy	H3	71240902	N/A	90"	L5C1	PCB2-P8	98007605	
	L4Wy	H3	71240902	N/A	90"	L6C1	PCB2-P8	98007606	

1 - NOTE: USE TOTAL SIGN HEIGHT.

SPLIT SECTION WIRING								
Between Ca & Cb (Left Wireway)								
Name	From			Via			To	
	Module No.	Name	Wire No.	Color	Length	Module No.	Name	
AC	LxCb	PCB1-P2	71120304	N/A	24"	LxCb	H1	
	LxCb	AP-TB1-B1	71120301	BLK	50"	LxCb	H1	
		AP-TB1-B2		WHT				
		AP-TB1-B3		GRN				
Dturbo	LxCb	PCB2-P8	71240901	N/A	40"	LxCb	H2	
	LxCa	PCB2-P7	71240901	N/A	40"	LxCa	H2	
Ground	LxCa	GND2	71120116	N/A	13"	LxCa	H2	

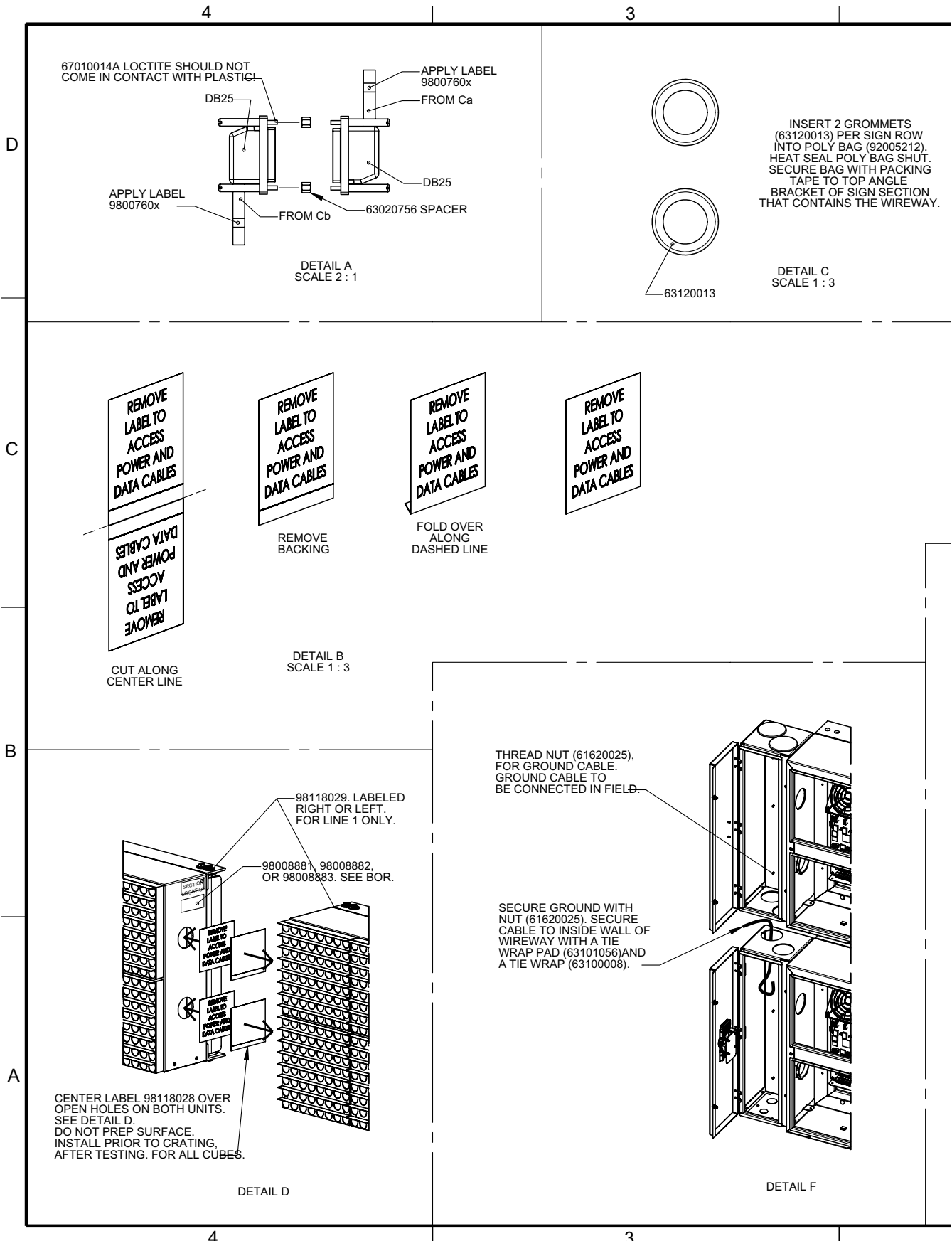
SPLIT SECTION WIRING								
Between Ca & Cb (Right Wireway)								
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	Module No.	Name	Wire No.	Color	Length	Module No.	Name	
AC	LxCa	PCB1-P1	71120304	N/A	24"	LxCa	H1	
	LxCa	AP-TB1-A1	71120301	BLK	50"	LxCa	H1	
		AP-TB1-A2		WHT				
		AP-TB1-A3		GRN				
Dturbo	LxCb	PCB1-P2	71120302	N/A	62"	LxCb	H1	
	LxCb	PCB2-P8	71240901	N/A	40"	LxCb	H2	
Ground	LxCa	PCB2-P7	71240901	N/A	40"	LxCa	H2	
	LxCa	GND2	71120116	N/A	13"	LxCa	H2	

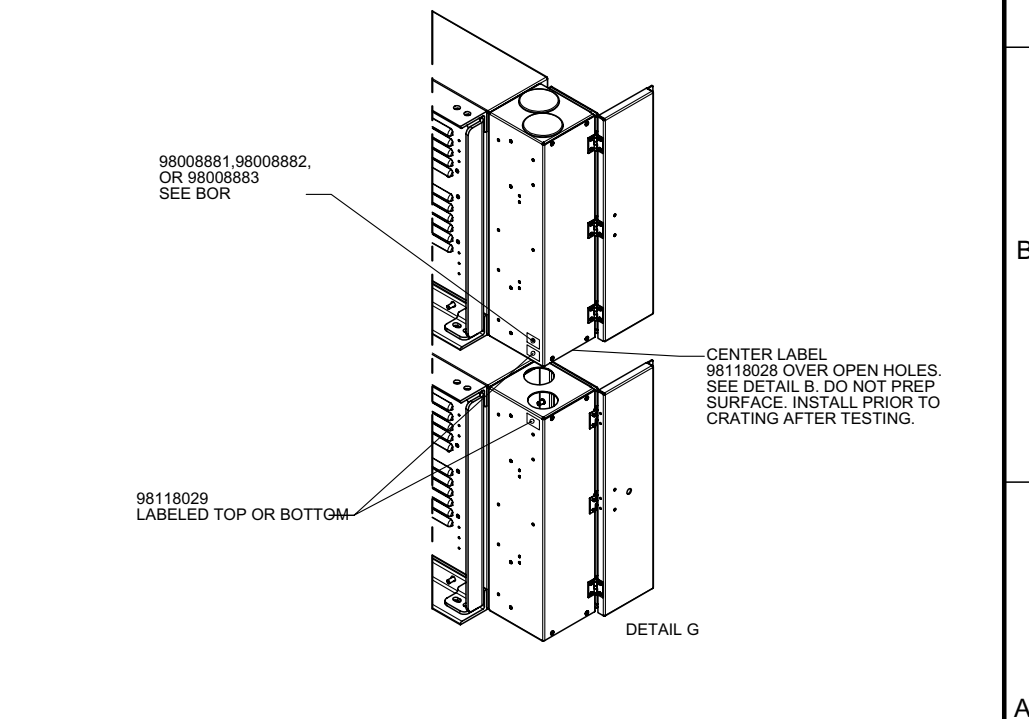
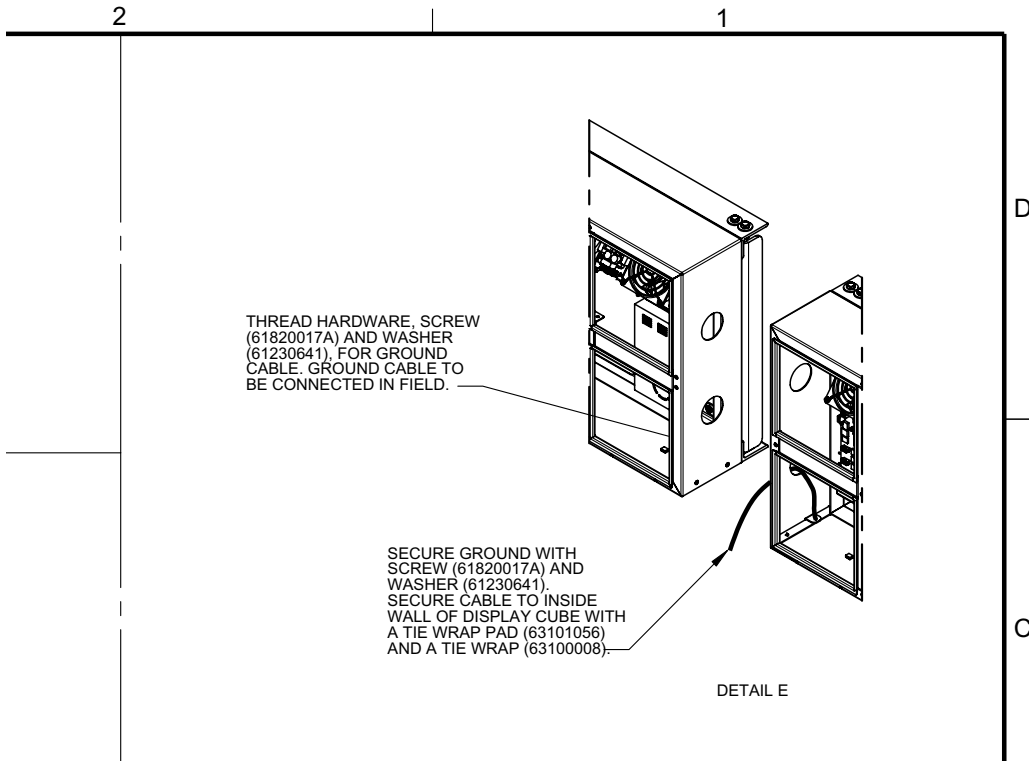
DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED: .X ±0.1 .XX ±0.02 .XXX ±0.005 ANGLES ±1°				 7840 North 86th Street Milwaukee, WI 53224 USA	
DRAWN BY: SSL DATE: 12/2/03				TITLE: P1180, MULTI-SECTION, VERT/HOR SPLIT ASSEMBLY	
CHECKED BY: _____ DATE: _____				SIZE: C DOCUMENT NO.: 11800000-17 REVISION: A	
APPROVED BY: _____ DATE: _____				SCALE: 1:8 STATUS: Released SHEET: 1 of 2	
A RELEASED FOR PRODUCTION	SSL	12/2/03	DATE	REVISION	
REV.	DESCRIPTION	ECO	BY	DATE	REVISION

2

1

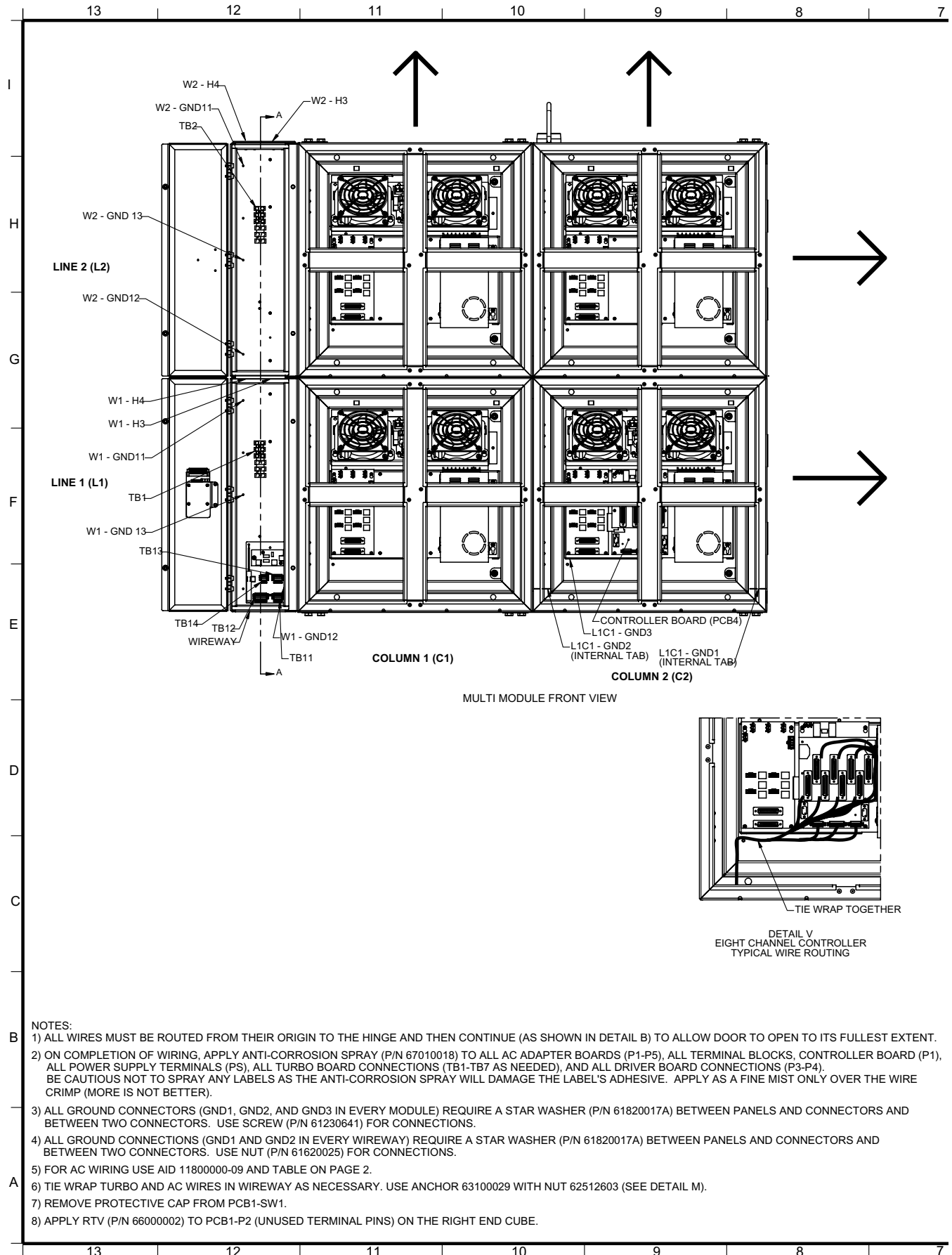
Multi-section sign: vertical/horizontal split assembly (11800000-17, revision A, sheet 2 of 2)





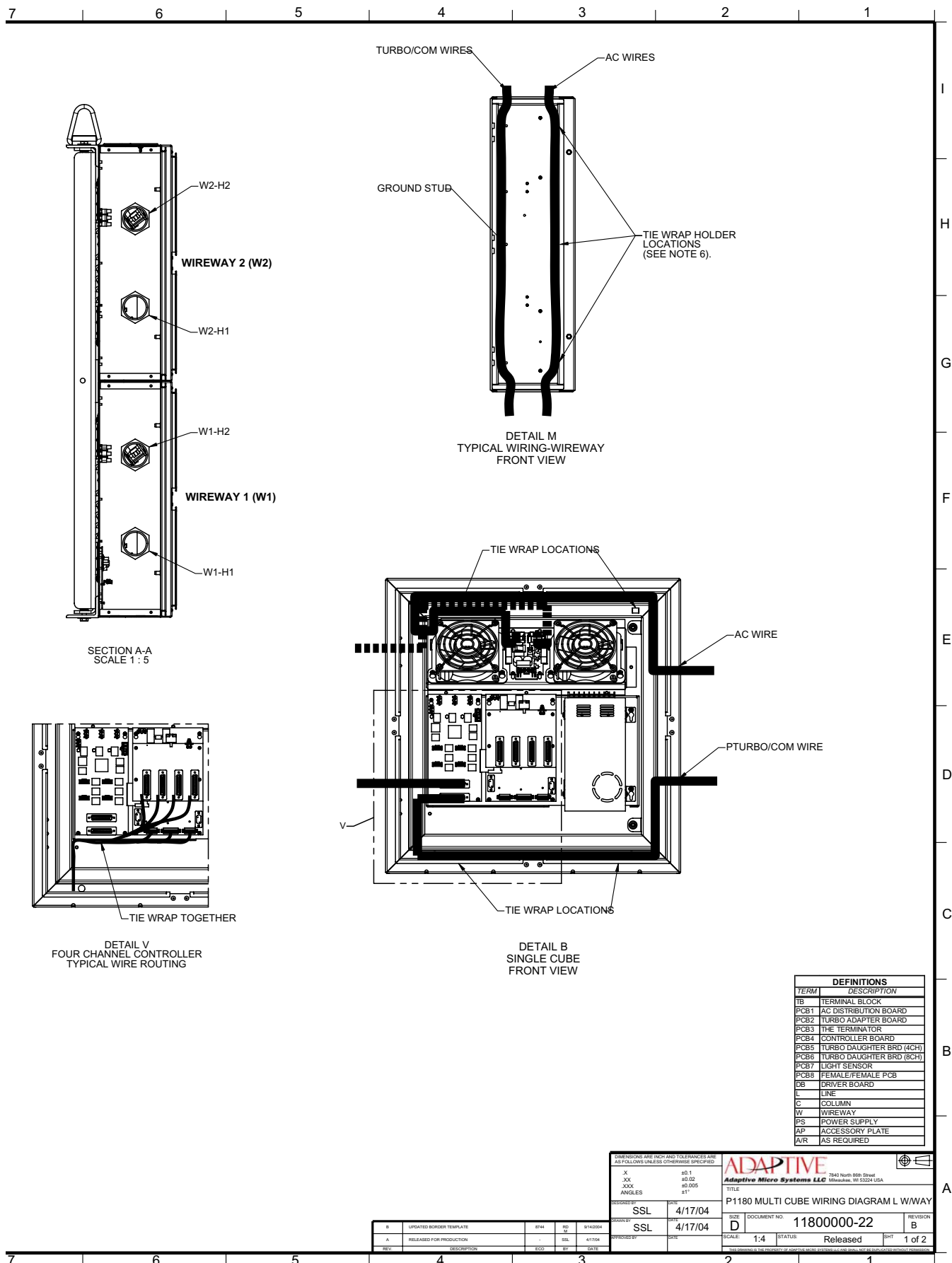
DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED.		 ADAPTIVE Adaptive Micro Systems LLC 7840 North 86th Street Milwaukee, WI 53224 USA					
.X	±0.1				TITLE	P1180, MULTI-SECTION, VERT/HOR SPLIT ASSEMBLY	
.XX	±0.02	SIZE	C	DOCUMENT NO.	11800000-17	REVISION	A
.XXX	±0.005	SCALE:	1:8	STATUS:	Released	SHT	2 of 2
ANGLES	±1°	THIS DRAWING IS THE PROPERTY OF ADAPTIVE MICRO SYSTEMS LLC AND SHALL NOT BE DUPLICATED WITHOUT PERMISSION.					
DRAWN BY	DATE						
SSL	11/25/03						
CHECKED BY	DATE						
APPROVED BY	DATE						

Left wireway multi-cube wiring diagram (11800000-22, revision B, sheet 1 of 2)



NOTES:

- 1) ALL WIRES MUST BE ROUTED FROM THEIR ORIGIN TO THE HINGE AND THEN CONTINUE (AS SHOWN IN DETAIL B) TO ALLOW DOOR TO OPEN TO ITS FULLEST EXTENT.
- 2) ON COMPLETION OF WIRING, APPLY ANTI-CORROSION SPRAY (P/N 67010018) TO ALL AC ADAPTER BOARDS (P1-P5), ALL TERMINAL BLOCKS, CONTROLLER BOARD (P1), ALL POWER SUPPLY TERMINALS (PS), ALL TURBO BOARD CONNECTIONS (TB1-TB7 AS NEEDED), AND ALL DRIVER BOARD CONNECTIONS (P3-P4). BE CAUTIOUS NOT TO SPRAY ANY LABELS AS THE ANTI-CORROSION SPRAY WILL DAMAGE THE LABEL'S ADHESIVE. APPLY AS A FINE MIST ONLY OVER THE WIRE CRIMP (MORE IS NOT BETTER).
- 3) ALL GROUND CONNECTORS (GND1, GND2, AND GND3 IN EVERY MODULE) REQUIRE A STAR WASHER (P/N 61820017A) BETWEEN PANELS AND CONNECTORS AND BETWEEN TWO CONNECTORS. USE SCREW (P/N 61230641) FOR CONNECTIONS.
- 4) ALL GROUND CONNECTIONS (GND1 AND GND2 IN EVERY WIREWAY) REQUIRE A STAR WASHER (P/N 61820017A) BETWEEN PANELS AND CONNECTORS AND BETWEEN TWO CONNECTORS. USE NUT (P/N 61620025) FOR CONNECTIONS.
- 5) FOR AC WIRING USE AID 11800000-09 AND TABLE ON PAGE 2.
- 6) TIE WRAP TURBO AND AC WIRES IN WIREWAY AS NECESSARY. USE ANCHOR 63100029 WITH NUT 62512603 (SEE DETAIL M).
- 7) REMOVE PROTECTIVE CAP FROM PCB1-SW1.
- 8) APPLY RTV (P/N 66000002) TO PCB1-P2 (UNUSED TERMINAL PINS) ON THE RIGHT END CUBE.



SECTION A-A
SCALE 1 : 5

DETAIL M
TYPICAL WIRING-WIREWAY
FRONT VIEW

DETAIL V
FOUR CHANNEL CONTROLLER
TYPICAL WIRE ROUTING

DETAIL B
SINGLE CUBE
FRONT VIEW

DEFINITIONS	
TERM	DESCRIPTION
TB	TERMINAL BLOCK
PCB1	AC DISTRIBUTION BOARD
PCB2	TURBO ADAPTER BOARD
PCB3	THE TERMINATOR
PCB4	CONTROLLER BOARD
PCB5	TURBO DAUGHTER BRD (4CH)
PCB6	TURBO DAUGHTER BRD (8CH)
PCB7	LIGHT SENSOR
PCB8	FEMALE/FEMALE PCB
DB	DRIVER BOARD
L	LINE
C	COLUMN
W	WIREWAY
PS	POWER SUPPLY
AP	ACCESSORY PLATE
A/R	AS REQUIRED

DIMENSIONS ARE TECH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED

X	#0.1
XX	#0.02
XXX	#0.005
ANGLES	#1°

DESIGNED BY: **SSL** DATE: **4/17/04**

DRAWN BY: **SSL** DATE: **4/17/04**

APPROVED BY: [Signature] DATE: [Date]

ADAPTIVE
Adaptive Micro Systems LLC
2840 North 88th Street
Shwaukee, WI 53224 USA

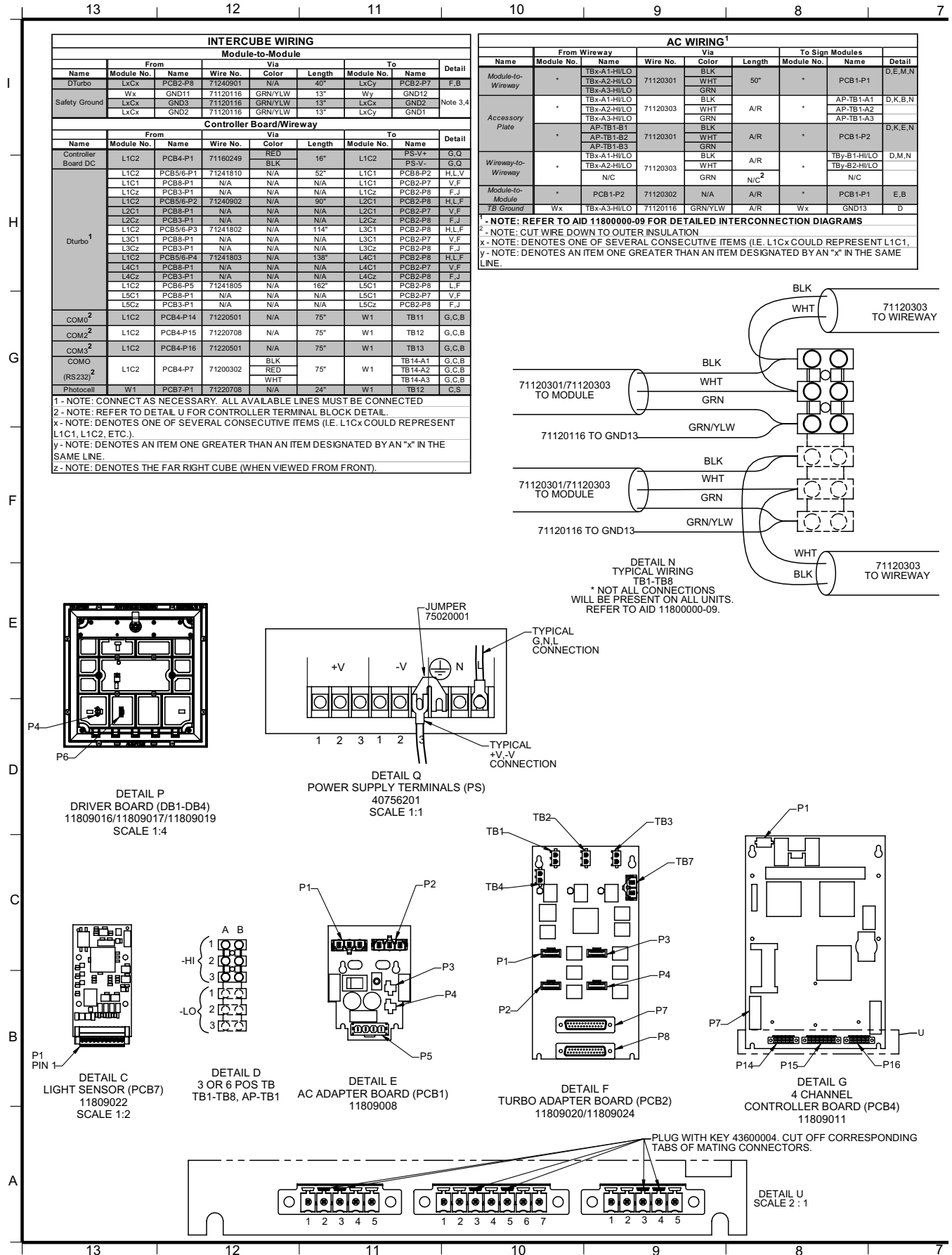
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SIZE: **D** DOCUMENT NO.: **11800000-22** REVISION: **B**

SCALE: **1:4** STATUS: **Released** SHEET: **1 of 2**

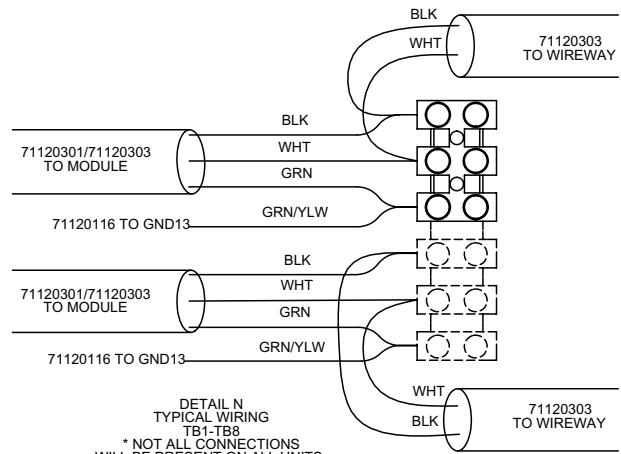
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A	RELEASED FOR PRODUCTION	-	SSL	4/17/04
REV	DESCRIPTION	EDD	BY	DATE

Left wireway multi-cube wiring diagram (11800000-22, revision B, sheet 2 of 2)

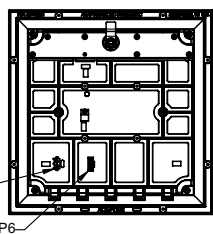


AC WIRING ¹									
Name	From Wireway Module No.	Name	Wire No.	Via Color	Length	To Sign Modules Module No.	Name	Detail	
Module-to-Wireway	*	TBx-A1-HI/LO	71120301	BLK	50"	*	PCB1-P1	D,E,M,N	
		TBx-A2-HI/LO		WHT					
		TBx-A3-HI/LO		GRN					
Accessory Plate	*	TBx-A1-HI/LO	71120303	BLK	A/R	*	AP-TB1-A1	D,K,B,N	
		TBx-A2-HI/LO		WHT			AP-TB1-A2		
		TBx-A3-HI/LO		GRN			AP-TB1-A3		
Wireway-to-Wireway	*	AP-TB1-B1	71120301	BLK	A/R	*	PCB1-P2	D,K,E,N	
		AP-TB1-B2		WHT					
		AP-TB1-B3		GRN					
Wireway-to-Wireway	*	TBx-A1-HI/LO	71120303	BLK	A/R	*	TBy-B1-HI/LO	D,M,N	
		TBx-A2-HI/LO		WHT			TBy-B2-HI/LO		
		N/C		GRN	N/C ²		N/C		
Module-to-Module	*	PCB1-P2	71120302	N/A	A/R	*	PCB1-P1	E,B	
TB Ground	Wx	TBx-A3-HI/LO	71120116	GRN/YLW	A/R	Wx	GND13	D	

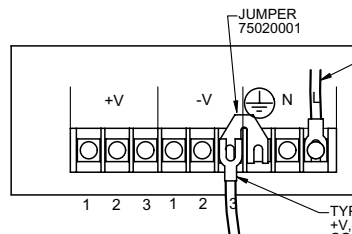
¹ - NOTE: REFER TO AID 11800000-09 FOR DETAILED INTERCONNECTION DIAGRAMS
² - NOTE: CUT WIRE DOWN TO OUTER INSULATION
 x - NOTE: DENOTES ONE OF SEVERAL CONSECUTIVE ITEMS (I.E. L1Cx COULD REPRESENT L1C1, L1C2, ETC.).
 y - NOTE: DENOTES AN ITEM ONE GREATER THAN AN ITEM DESIGNATED BY AN "x" IN THE SAME LINE.



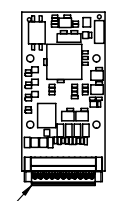
DETAIL N
 TYPICAL WIRING
 TB1-TB8
 * NOT ALL CONNECTIONS WILL BE PRESENT ON ALL UNITS. REFER TO AID 11800000-09.



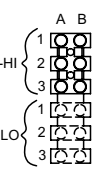
DETAIL P
 DRIVER BOARD (DB1-DB4)
 11809016/11809017/11809019
 SCALE 1:4



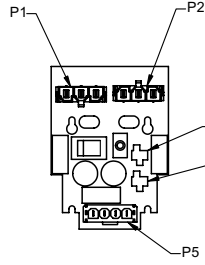
DETAIL Q
 POWER SUPPLY TERMINALS (PS)
 40756201
 SCALE 1:1



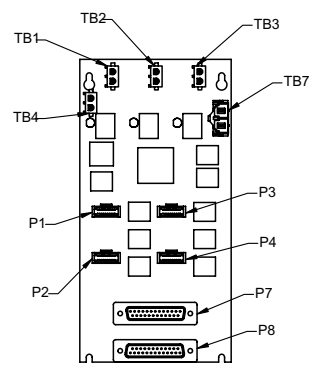
DETAIL C
 LIGHT SENSOR (PCB7)
 11809022
 SCALE 1:2



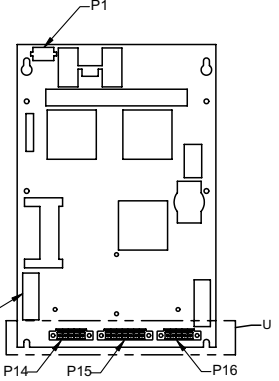
DETAIL D
 3 OR 6 POS TB
 TB1-TB8, AP-TB1



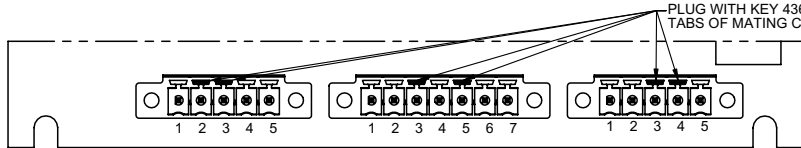
DETAIL E
 AC ADAPTER BOARD (PCB1)
 11809008



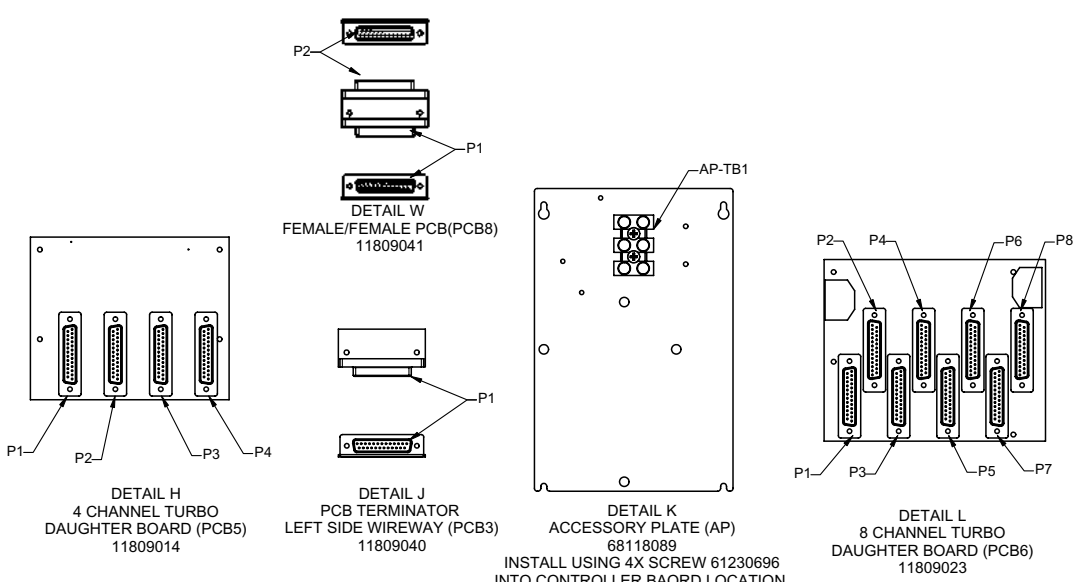
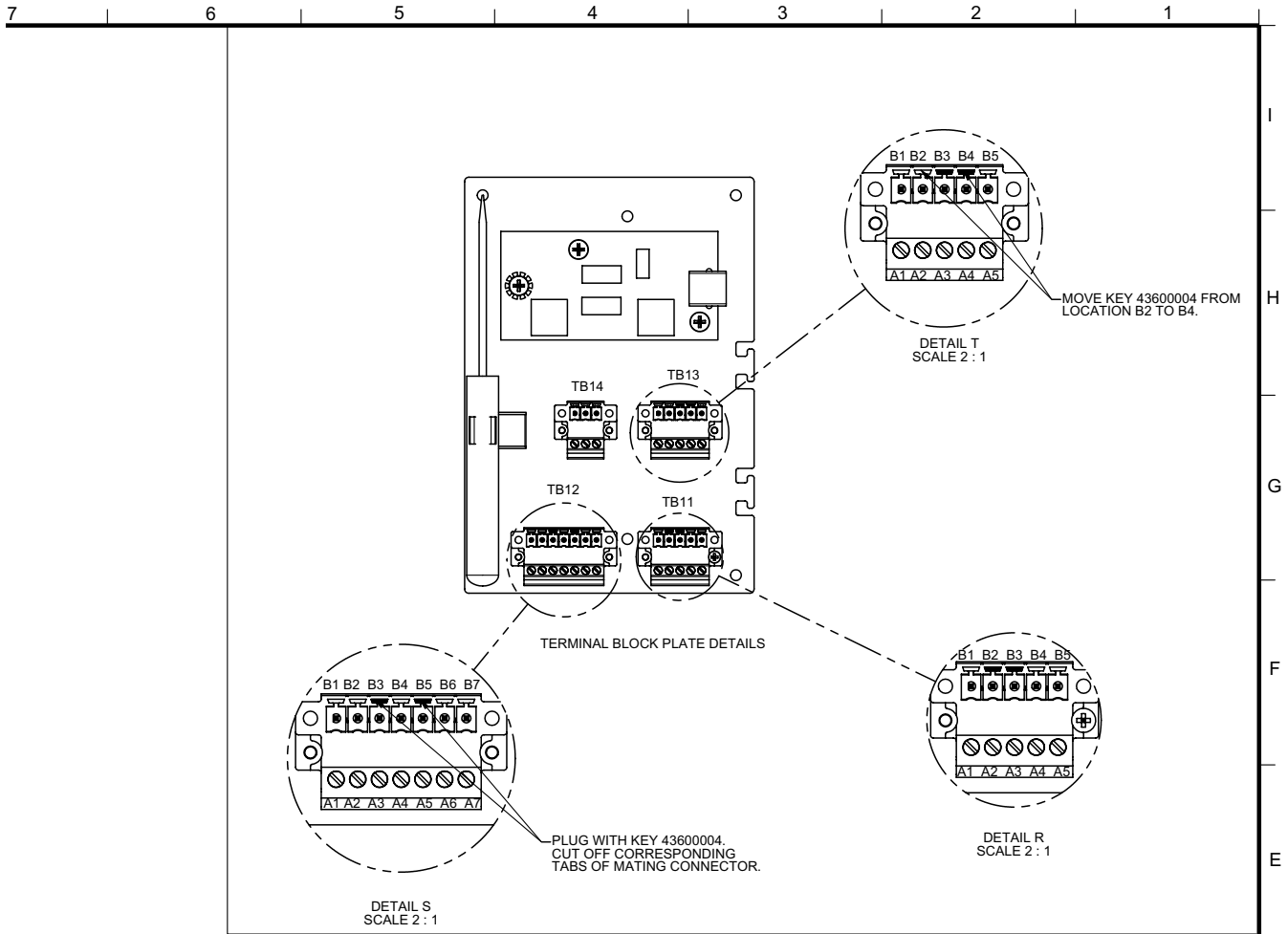
DETAIL F
 TURBO ADAPTER BOARD (PCB2)
 11809020/11809024



DETAIL G
 4 CHANNEL CONTROLLER BOARD (PCB4)
 11809011



DETAIL U
 SCALE 2:1



INSTALL USING 4X SCREW 61230696 INTO CONTROLLER BAORD LOCATION. REFER TO AID 11800000-09 FOR MODULE LOCATION.

DIMENSIONS ARE INCH AND TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		ADAPTIVE	
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XX .002	.0005	Milwaukee, WI 53224 USA	
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DRAWN BY: SSL	DATE: 4/17/04	SCALE: 1:4	STATUS: Released
APPROVED BY:	DATE:	SCALE:	STATUS: Released
			REV: B 2 of 2

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