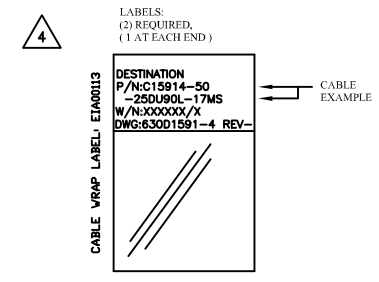
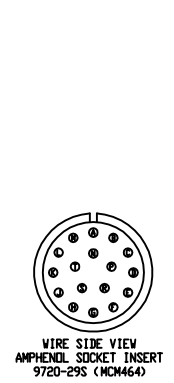
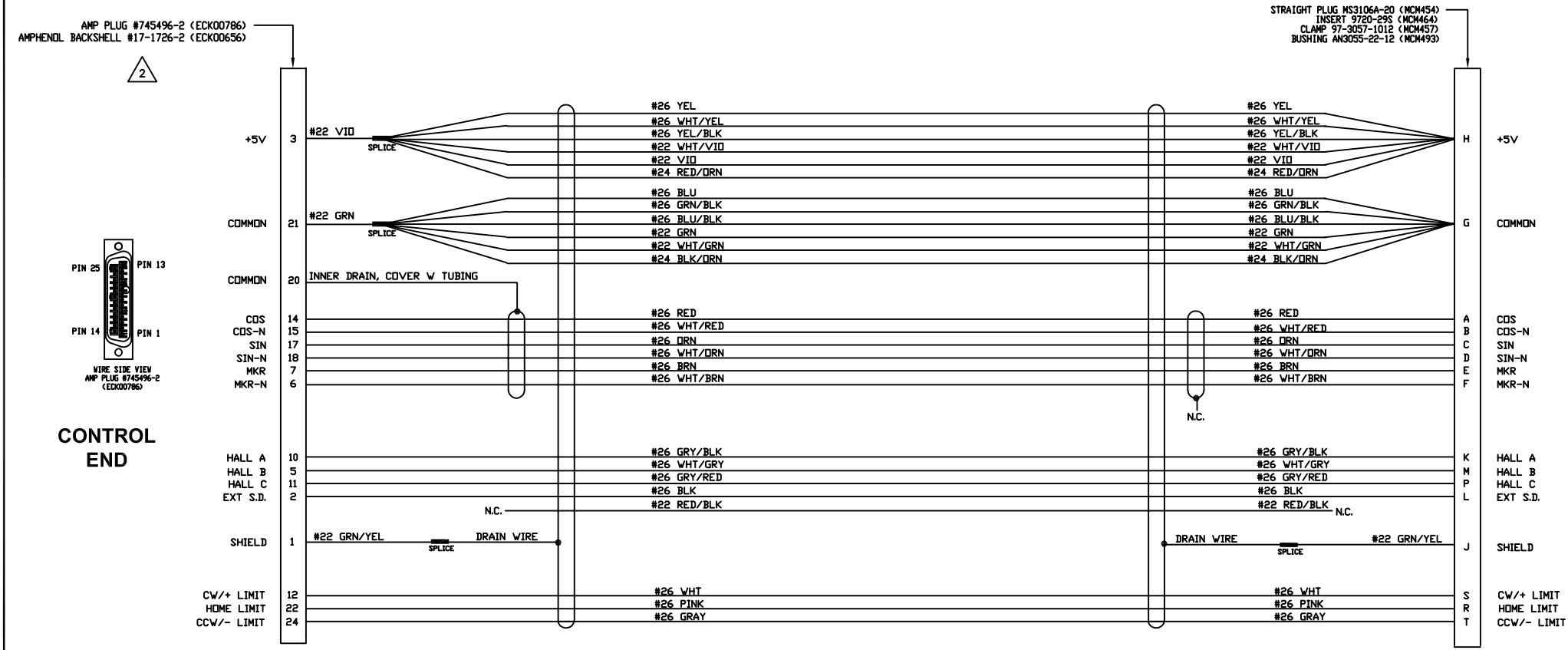
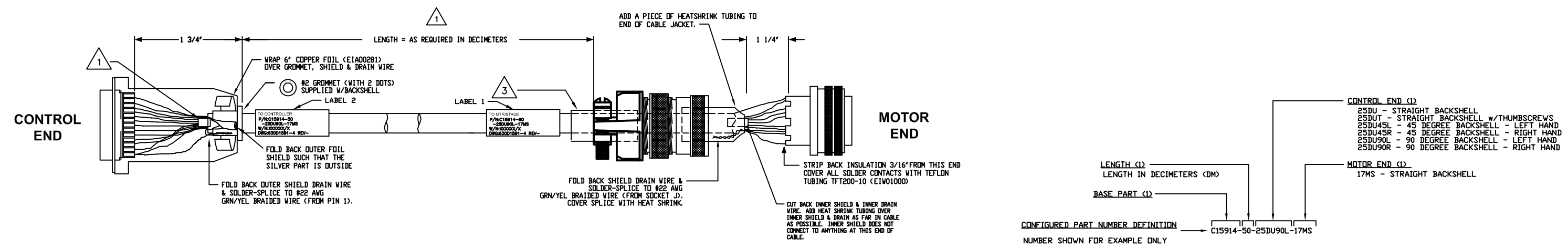


REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN



- 4 LABELS: (2) REQUIRED, (1) AT EACH END.
- 3 USE 2' LENGTHS OF THICK WALL HEATSHRINK TUBING (EIW00113 AND EIW00112) TO BUILD UP CABLE DIAMETER FOR PROPER STRAIN RELIEFING. STRAIN RELIEFING MUST WITHSTAND 35 LB. PULL. CUT THICK WALL HEATSHRINK TUBING WITH CABLE CUTTER SUCH THAT ENDS ARE PERPENDICULAR TO CABLE AND CUT IS SMOOTH. THICK WALL HEATSHRINK TUBING: AMP # 53701-1 (EIW00112) MAX INSIDE DIA = .750" (EXPANDED), MIN INSIDE DIA = .220" (RECOVERED); AMP # 53700-1 (EIW00113) MAX INSIDE DIA = .400" (EXPANDED), MIN INSIDE DIA = .150" (RECOVERED).
- 2 FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1 WITH AMP HEAD ASSY 58063-2
- 1 STARTING CABLE LENGTH = 2.5 FT BEYOND SPECIFIED LENGTH OF CABLE. DO NOT EXCEED LENGTH OF 75 FT. FOR THIS DESIGN.

26 CONDUCTOR CABLE, ECX01182



**CONFIGURED CABLE PROCEDURE:**

- 1.) LOCATE THE SHOP TRAVELLER FOR CABLE TO BE MANUFACTURED.
- 2.) USING SHOP TRAVELLER AND TERMINATION CHART AT RIGHT:
  - a.) DETERMINE 'CONTROL END' TERMINATION.
  - b.) DETERMINE 'MOTOR END' TERMINATION.
- 3.) USING THE ABOVE INFORMATION, MANUFACTURE CABLE WITH APPROPRIATE TERMINATIONS.
- 4.) LABEL CABLE WITH CONFIGURED PART NUMBER, FOLLOWING THE 'CONFIGURED PART NUMBER DEFINITION' SHOWN AT RIGHT.

**TERMINATION CHART**

Part Number	Description	View
25DU90L	90 DEGREE BACKSHELL (ECK01370) LEFT HANDED	VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR
25DU90R	90 DEGREE BACKSHELL (ECK01370) RIGHT HANDED	VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR
25DU45L	45 DEGREE BACKSHELL (ECK01070) LEFT HANDED	VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR
25DU45R	45 DEGREE BACKSHELL (ECK01070) RIGHT HANDED	VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR
25DU	STRAIGHT BACKSHELL (ECK00656)	VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR
25DUT	STRAIGHT BACKSHELL (ECK00656) (2) THUMBSCREWS (ECK01247)	VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR

QTY: 1  
 WORK ORDER NUMBER: #####  
 CUSTOMER NAME: XXXXXXXX  
 ORDER NUMBER: #####  
 APPROVED BY: XXX RELEASE DATE: #####  
 FILENAME: ##### 630D1591-401 C15914 Cable.Dwg

PROPRIETARY INFORMATION  
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AEROTECH, INC. 101 Zeta Drive  
 Pittsburgh, PA. 15238  
 (412)963-7470  
 www.aerotech.com

**CONFIGURED BRUSHLESS FEEDBACK CABLE**  
 CABLE: BL FB-25DU-17MS-MAX225DM

TOLERANCES UNLESS OTHERWISE SPECIFIED	FRACTIONS	DECIMALS	ANGLES
0 TO 6 ± 1/32	.XX	± .01	± 0-30'
OVER 6 ± 1/16	.XXX	± .005	

RMS FINISH	✓	EXCEPT AS NOTED
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DRAWN	AGS	5-30-08	PART CODE	C15914	SIZE	D	REV.	-
CHECKED	JLD	5-30-08	SCALE	NTS	FILE NAME	630D1591-401.DWG	SHEET	1 OF 1
APPD.	JLD	5-30-08						