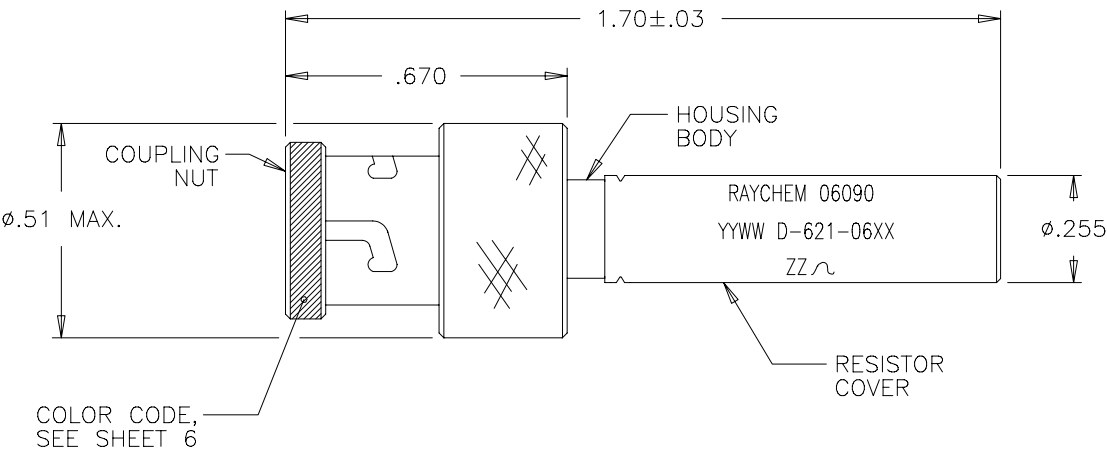


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECN T-12846	89 SEPT 9	Z. TEMAN
G	REVISED PER ECN# T-14157	90 APR 10	Z. TEMAN
H	REVISED PER ECN# T-21490	6/10/97	Z. TEMAN

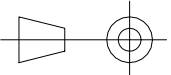
* (-L) ADDED TO D-621-04XX NUMBER INDICATES LANYARD,
 SEE SHEETS 3 AND 4.

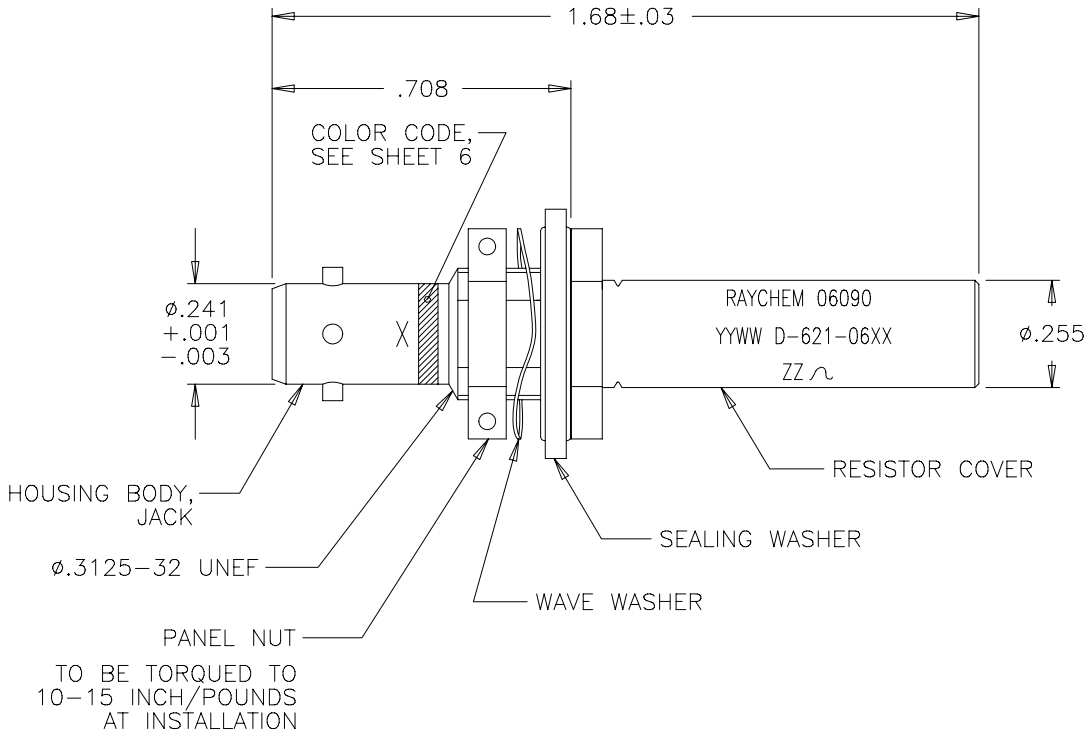


(TRIAxIAL CONNECTOR, PLUG WEIGHT: 16 GRAMS MAX.)

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SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMALS .XXX ± .005 { — mm } .XX ± .01 { — mm } ANGLES .X ± 1° WEIGHT — lbs { — g MAX. }	DRAWN	J.B.K.	89 JULY 21	Raychem RAYCHEM CORPORATION 300 CONSTITUTION DRIVE MENLO PARK, CALIFORNIA 94025			
	CHECKED			TITLE CORROSION RESISTANT CONNECTOR, TRIAxIAL, BAYONET COUPLED, RESISTOR TERMINATOR			
	APPROVED						
	APPROVED	Z.TEMAN	89 JULY 26				
	CAD NAME	T21490a			SIZE	CODE IDENT. NO.	DWG. NO.
THIRD ANGLE PROJECTION				A	06090	D-621-0653/0684	* [—L] H
				DO NOT SCALE THIS DRAWING		SHEET 1 OF 7	



(TRIAxIAL CONNECTOR, JACK WEIGHT: 14 GRAMS MAX.)

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CAD NAME: T21490b

DRAWN

J.B.K.

89 JULY 21

SIZE

A

CODE IDENT. NO.

06090

DWG. NO.

D-621-0653/0684[-L]

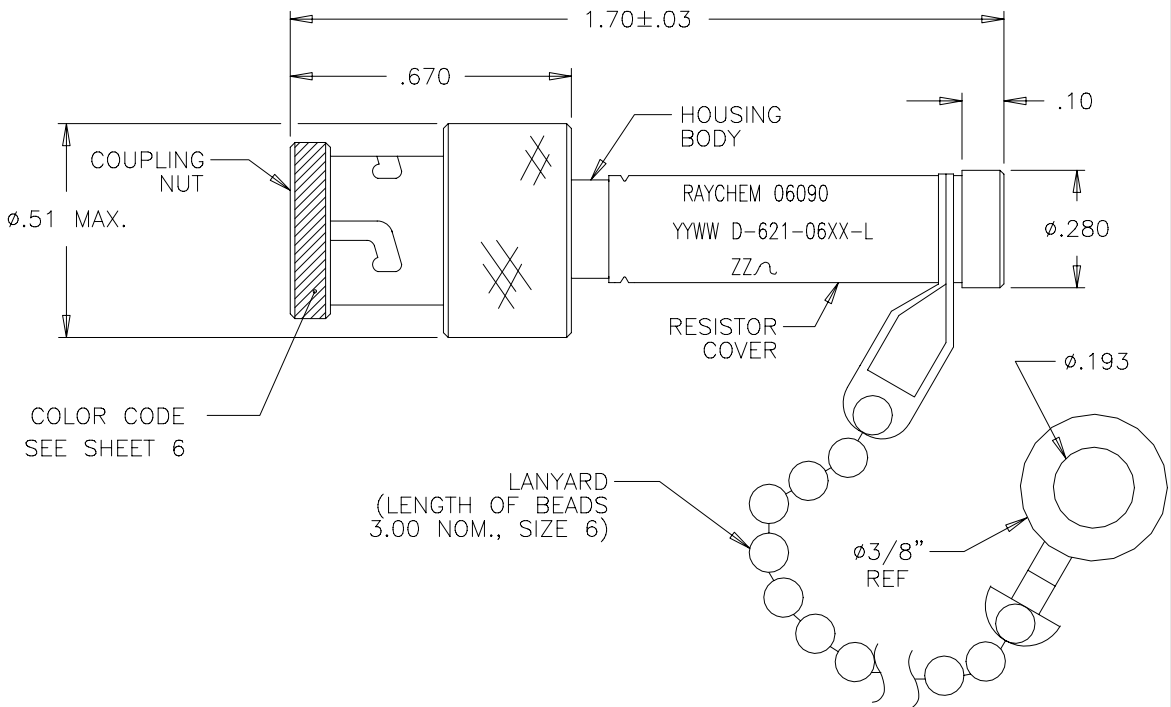
REV

H

ISSUED

DO NOT SCALE THIS DRAWING

SHEET 2 OF 7

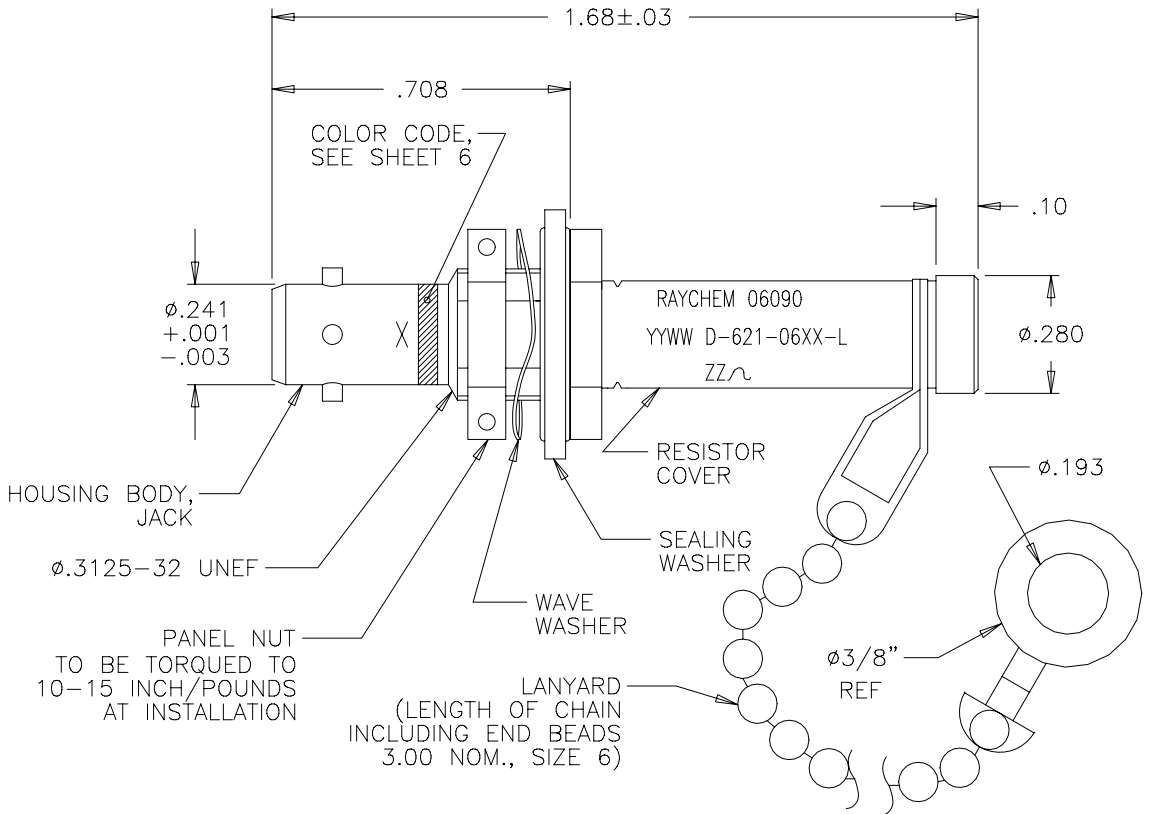


(TRIAxIAL CONNECTOR, WITH LANYARD, PLUG WEIGHT: 21 GRAMS MAX.)

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CAD NAME: T21490c

DRAWN	J.B.K.	89 AUG 25	SIZE	CODE IDENT. NO.	DWG. NO.	REV
ISSUED			A	06090	D-621-0653/0684(-L)	H
DO NOT SCALE THIS DRAWING					SHEET 3 OF 7	



TRIAxIAL CONNECTOR, WITH LANYARD, JACK WEIGHT: 19 GRAMS MAX.)

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CAD NAME: T21490d	DRAWN	J.B.K.	89 JULY 21	SIZE	CODE IDENT. NO.	DWG. NO.	REV
	ISSUED			A	06090	D-621-0653/0684[-L]	H
DO NOT SCALE THIS DRAWING						SHEET 4 OF 7	

1.0 MATERIALS AND FINISHES

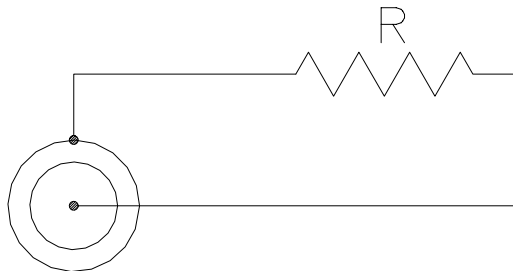
- 1.1 HOUSING BODY: BECU PER ASTM B 196, TIN PLATED PER MIL-T-10727,
OVER NICKEL PER QQ-N-290
- 1.1.1 INSULATION: POLYETHERSULFONE
- 1.2 COUPLING NUT: BECU PER ASTM B 196, TIN PLATED PER MIL-T-10727,
(PLUG) OVER NICKEL PER QQ-N-290
- 1.2.1 INTERFACIAL SEAL: SILICONE RUBBER
- 1.3 PANEL NUT: BRASS ALLOY PER ASTM B16, TIN PLATED PER MIL-T-10727,
(JACK) OVER NICKEL PER QQ-N-290.
- 1.4 WAVE WASHER: BECU PER ASTM B194,
(JACK) TIN PLATED PER MIL-T-10727
OVER NICKEL PER QQ-N-290
- 1.5 SEALING WASHER: SILICONE RUBBER (AMS 3304), STAINLESS STEEL PER
(JACK) MIL-S-5059, PASSIVATED PER QQ-P-35.
- 1.6 RESISTOR COVER: 300 SERIES STAINLESS STEEL PER ASTM A582,
TIN PLATED PER MIL-T-10727,
OVER NICKEL PER MIL-C-26074
- 1.7 LANYARD: CORROSION RESISTANT STEEL,
TIN PLATED PER MIL-T-10727,
OVER NICKEL PER QQ-N-290

2.0 PERFORMANCE CAPABILITIES

- 2.1 REFER TO RAYCHEM SPECIFICATION D-6025 (SUPERSEDES D-6050) AND
D-6020 FOR PERFORMANCE AND QUALIFICATION REQUIREMENTS.

2.2 GENERAL CHARACTERISTICS.

- 2.2.1 OPERATING TEMPERATURE: -65°C TO 125°C
- 2.2.2 INSULATION RESISTANCE: GREATER THEN 5K MEG *
- 2.2.3 DIELECTRIC STRENGTH: 900 VAC AT 60 Hz *
- 2.2.4 POWER RATING: 1 WATT MAX.
- 2.2.5 TERMINATOR RESISTANCE: SEE RESISTANCE VALUES, SHEET 7 OF 7
- 2.2.6 SALT SPRAY CORROSION RESISTANCE: 500 HOURS



* BETWEEN INNER COAXIAL CONTACT AND OUTER HOUSING

R = SEE SHEET 7 OF 7 FOR RESISTANCE VALUE $\pm 2\%$

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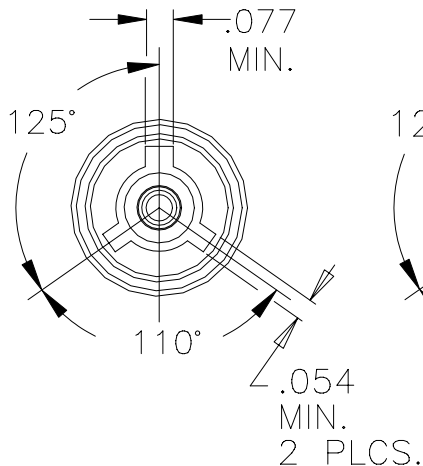
CAD NAME: T21490e	DRAWN	J.B.K.	89 JULY 21	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-621-0653/0684[-L]	REV H
	ISSUED			DO NOT SCALE THIS DRAWING		SHEET 5 OF 7	

CAD NAME T21490f

ISSUED	DRAWN
	J.B.K.
	89 JULY 21

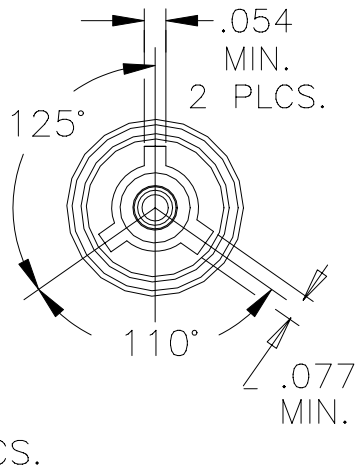
DO NOT SCALE THIS DRAWING	SIZE	CODE IDENT. NO.	DWG. NO.	REV
	A	06090	D-621-0653/0684[-]	H
				SHEET 6 OF 7

INTERFACE
"A"
PLUG



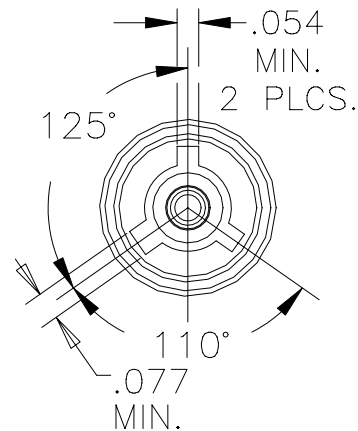
COLOR CODE: RED

INTERFACE
"B"
PLUG



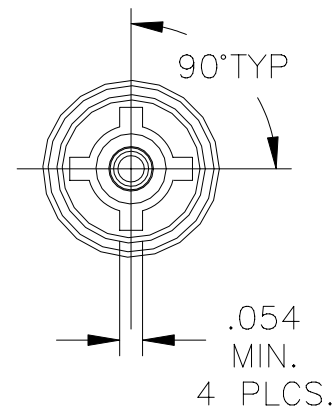
COLOR CODE: WHITE

INTERFACE
"C"
PLUG



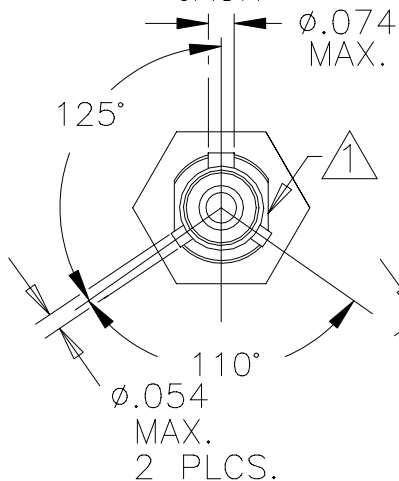
COLOR CODE: GREEN

INTERFACE
"D"
PLUG

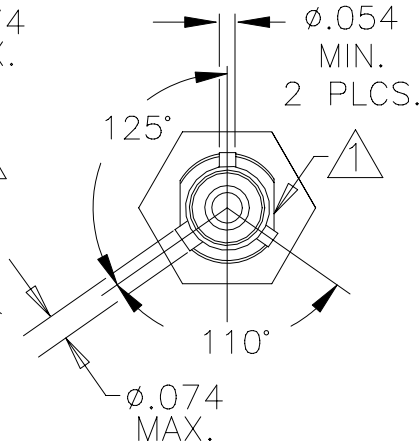


NO COLOR CODE

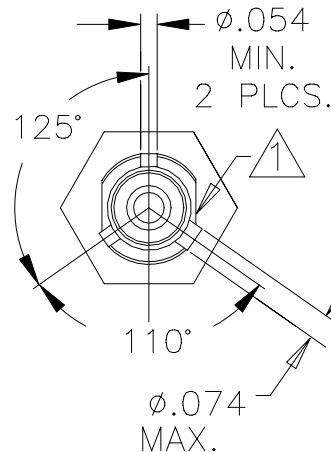
JACK



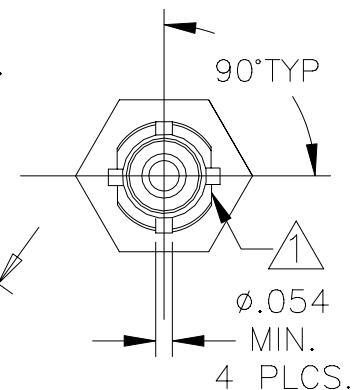
JACK



JACK



JACK



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NOTES:

△ MAJOR KEY ORIENTATION WITH RESPECT TO FLATS
IS NOT CONTROLLED.

SEE SHEET 1 FOR REVISION

NOTES:

SEE SHEET 1 FOR REVISION

1 SUFFIX -L INDICATES PARTS WITH LANYARD, SEE SHEETS 3 AND 4.

DRAWING NO.	CONNECTOR	DESCRIPTION		RESISTANCE VALUE $\pm 2\%$
		INTERFACE	INSTALLED CONTACT	
D-621-0653(-L)	PLUG	"A"	PIN	78 OHMS
D-621-0654(-L)	PLUG	"B"	PIN	78 OHMS
D-621-0655(-L)	PLUG	"C"	PIN	78 OHMS
D-621-0656(-L)	PLUG	"D"	PIN	78 OHMS
D-621-0657(-L)	PLUG	"A"	PIN	3000 OHMS
D-621-0658(-L)	PLUG	"B"	PIN	3000 OHMS
D-621-0659(-L)	PLUG	"C"	PIN	3000 OHMS
D-621-0660(-L)	PLUG	"D"	SOCKET	3000 OHMS
D-621-0661(-L)	JACK	"A"	SOCKET	78 OHMS
D-621-0662(-L)	JACK	"B"	SOCKET	78 OHMS
D-621-0663(-L)	JACK	"C"	SOCKET	78 OHMS
D-621-0664(-L)	JACK	"D"	SOCKET	78 OHMS
D-621-0665(-L)	JACK	"A"	SOCKET	3000 OHMS
D-621-0666(-L)	JACK	"B"	SOCKET	3000 OHMS
D-621-0667(-L)	JACK	"C"	SOCKET	3000 OHMS
D-621-0668(-L)	JACK	"D"	SOCKET	3000 OHMS
D-621-0669(-L)	PLUG	"A"	SOCKET	78 OHMS
D-621-0670(-L)	PLUG	"B"	SOCKET	78 OHMS
D-621-0671(-L)	PLUG	"C"	SOCKET	78 OHMS
D-621-0672(-L)	PLUG	"D"	SOCKET	78 OHMS
D-621-0673(-L)	PLUG	"A"	SOCKET	3000 OHMS
D-621-0674(-L)	PLUG	"B"	SOCKET	3000 OHMS
D-621-0675(-L)	PLUG	"C"	SOCKET	3000 OHMS
D-621-0676(-L)	PLUG	"D"	PIN	3000 OHMS
D-621-0677(-L)	JACK	"A"	PIN	78 OHMS
D-621-0678(-L)	JACK	"B"	PIN	78 OHMS
D-621-0679(-L)	JACK	"C"	PIN	78 OHMS
D-621-0680(-L)	JACK	"D"	PIN	78 OHMS
D-621-0681(-L)	JACK	"A"	PIN	3000 OHMS
D-621-0682(-L)	JACK	"B"	PIN	3000 OHMS
D-621-0683(-L)	JACK	"C"	PIN	3000 OHMS
D-621-0684(-L)	JACK	"D"	PIN	3000 OHMS

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CAD NAME: T21490g

DRAWN	J.B.K.	89 AUG 25	SIZE A	CODE IDENT. NO. 06090	DWG. NO. D-621-0653/0684(-L)	REV H
ISSUED			DO NOT SCALE THIS DRAWING			SHEET 7 OF 7