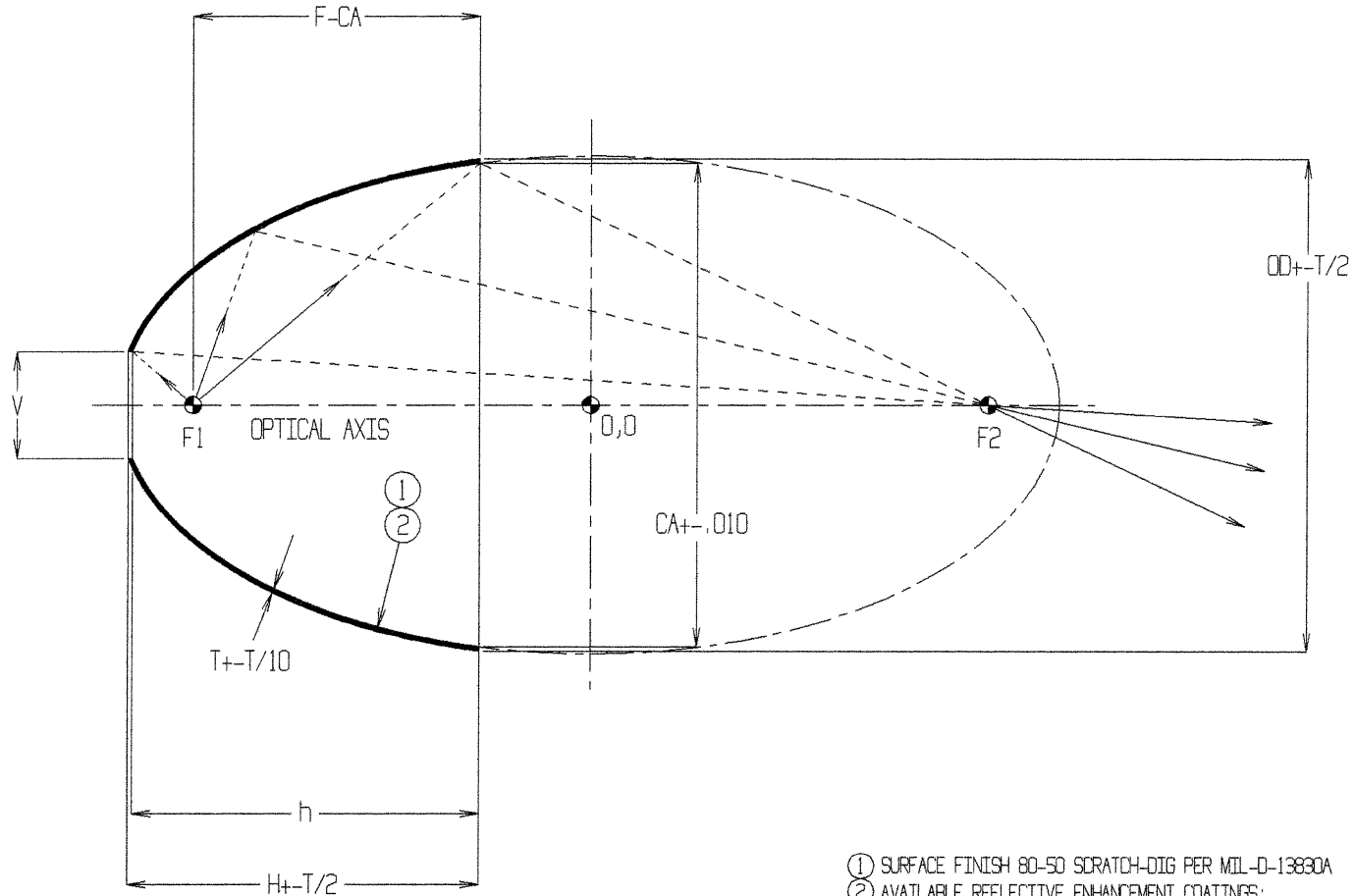


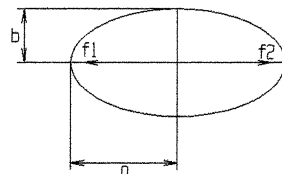
ALL CONCEPTS CONTAINED WITHIN THIS DRAWING ARE PROPRIETARY TO PHOENIX ELECTROFORMED PRODUCTS, INC.
AND MAY NOT BE CONVEYED TO THIRD PARTIES WITHOUT WRITTEN CONSENT

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



- ① SURFACE FINISH 80-50 SCRATCH-DIG PER MIL-D-13830A
- ② AVAILABLE REFLECTIVE ENHANCEMENT COATINGS:
 - AU ELECTRO-DEPOSITED GOLD
 - AF VACUUM DEPOSITED ALUMINUM / MAGNESIUM FLUORIDE (MgF₂) OVERCOAT
 - AG VACUUM DEPOSITED ALUMINUM / QUARTZ (SiO₂) OVERCOAT
 - RH ELECTRO-DEPOSITED BRIGHT RHODIUM

.04	1.000	3.400	3.461	2.415	2.381	.030	2.017
.03	.750	3.400	3.461	2.474	2.442	.030	2.017
.02	.500	3.400	3.461	2.516	2.485	.030	2.017
.01	.375	3.400	3.461	2.530	2.500	.030	2.017
#	V	CA	OD	H	h	T	F-CA



ELLIPSE EQUATION

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$

$$a = 3.30240$$

$$b = 1.75000$$

$$F1 = .50180$$

$$F1-F2 = 5.60119$$

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN DECIMAL FRACTIONS 4-1/16 DECIMALS .001, .01, .05</small>	<small>WEDGES 30° W-10 300 W-105</small>	<small>ANGLES 1/2 DEG</small>	WTRICAL ELECTROFORMED NICKEL	PHOENIX ELECTROFORMED PRODUCTS, INC.
	CONTRACT NO.	TITLE ELLIPTICAL REFLECTOR EL7		
FINISH ES UNLESS OTHERWISE SPECIFIED	APPROVALS DRAWN LG	DATE 4-8-11	SIZE SCALE	DWG NO EL7R
DO NOT SCALE DRAWING	ENGR DESIGN ACTIVITY	SHEET	SCALE	REV