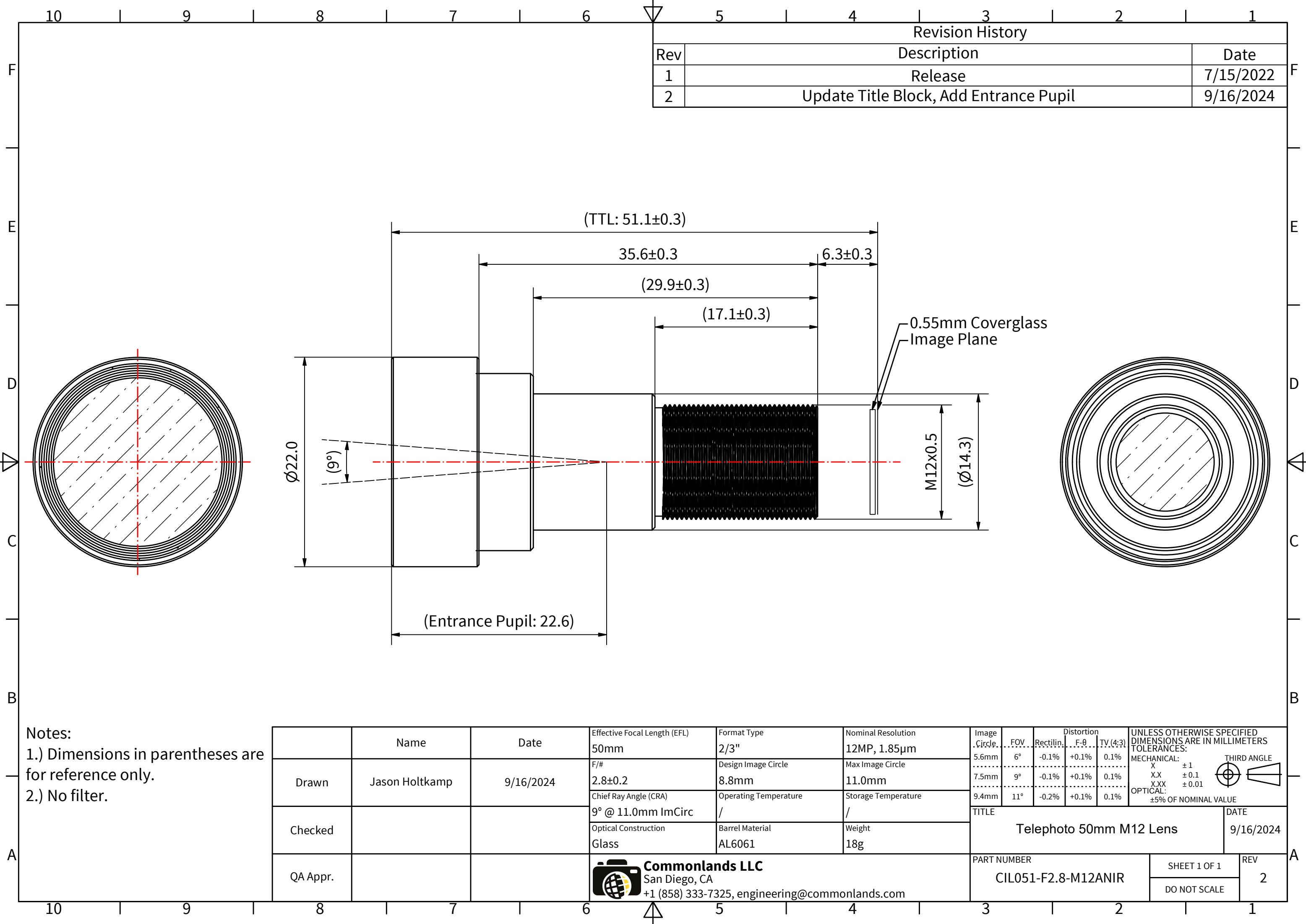
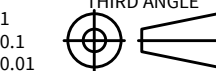




Revision History		
Rev	Description	Date
1	Release	7/15/2022
2	Update Title Block, Add Entrance Pupil	9/16/2024

Notes:
1.) Dimensions in parentheses are for reference only.
2.) No filter.

	Name	Date	Effective Focal Length (EFL) 50mm	Format Type 2/3"	Nominal Resolution 12MP, 1.85µm	Image Circle	FOV	Distortion Rectilin. F-θ TV (4:3)			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: MECHANICAL: X ±1 XX ±0.1 XXX ±0.01 OPTICAL: ±5% OF NOMINAL VALUE		
Drawn	Jason Holtkamp	9/16/2024	F/#	Design Image Circle	Max Image Circle	5.6mm	6°	-0.1%	+0.1%	0.1%			
			2.8±0.2	8.8mm	11.0mm	7.5mm	9°	-0.1%	+0.1%	0.1%			
			Chief Ray Angle (CRA)	Operating Temperature	Storage Temperature	9.4mm	11°	-0.2%	+0.1%	0.1%			
Checked			9° @ 11.0mm ImCirc	/	/	TITLE					DATE		
			Optical Construction	Barrel Material	Weight	Telephoto 50mm M12 Lens					9/16/2024		
			Glass	AL6061	18g								
QA Appr.			 Commonlands LLC San Diego, CA +1 (858) 333-7325, engineering@commonlands.com			PART NUMBER					SHEET 1 OF 1		REV 2
						CIL051-F2.8-M12ANIR					DO NOT SCALE		