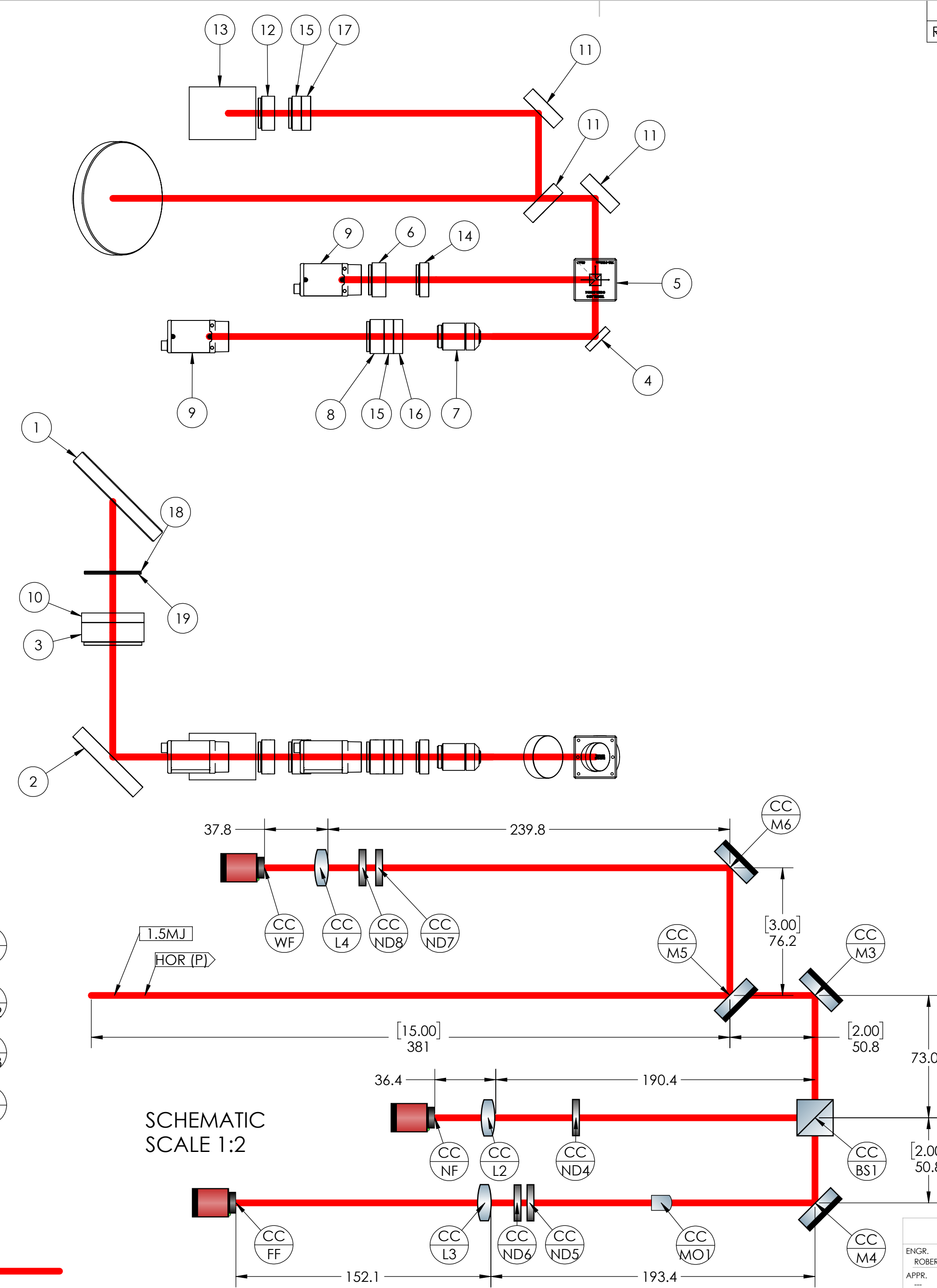


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



19	THORLABS NE220B	ABSORPTIVE ND FILTER, OD 2.0, 2IN SQUARE	1
18	THORLABS NE207B	ABSORPTIVE ND FILTER, OD 0.7, 2IN SQUARE	1
17	THORLABS NE06A-B	ABSORPTIVE ND FILTER, OD 0.6, 25mm ROUND, MOUNTED, AR 650-1050nm	1
16	THORLABS NE10A-B	ABSORPTIVE ND FILTER, 1.0 OD, 25mm ROUND, MOUNTED, AR 650-1050nm	1
15	THORLABS NE40A-B	ABSORPTIVE ND FILTER, OD 4.0, 25mm ROUND, MOUNTED, AR 650-1050nm	2
14	THORLABS NE20A-B	ABSORPTIVE ND FILTER, OD 2.0, 25mm ROUND, MOUNTED, AR 650-1050nm	1
13	IMAGINE OPTICS HASO4 FIRST	SHACK-HARTMANN WAVEFRONT SENSOR AND MOUNT	1
12	THORLABS AC254-060-B-ML	ACHROMATIC LENS, F=60mm, 1IN OD, AR COATED 650-1050nm	1
11	THORLABS PF15-03-P01	1.5IN PROTECTED SILVER MIRROR, FUSED SILICA	3
10	THORLABS NE2R40A	ABSORPTIVE ND FILTER, OD 4.0, 2IN ROUND, MOUNTED	1
9	ALLIED VISION MAKO G-125	GIGE CAMERA, 1.2MPX, 3.75um PX, C-MOUNT	2
8	THORLABS AC254-150-B-ML	ACHROMATIC LENS, F=150mm, 1IN OD, AR COATED 650-1050nm	1
7	OLYMPUS PLN10X	MICROSCOPE OBJECTIVE, 10X, INFINITY CORRECTED PLAN ACHROMAT	1
6	THORLABS AC254-050-B-ML	ACHROMATIC LENS, F=50mm, 1IN OD, AR COATED 650-1050nm	1
5	THORLABS CCM1-BS014	MOUNTED BEAMSPLITTER CUBE, 1IN CUBE, R:T 50:50, AR COATED 700-100nm	1
4	THORLABS PF10-03-P01	1IN PROTECTED SILVER MIRROR, FUSED SILICA	1
3	THORLABS ACT508-750-B-ML	ACHROMATIC LENS, F=750mm, 2IN OD, AR COATED 650-1050nm	1
2	EXKSMA 097-3025	3IN PROTECTED SILVER MIRROR	1
1	CVI TLM1-800-45-4050	4IN DIELECTRIC MIRROR, 800nm, 45DEG AOI, N-BK7	1

PERISCOPE DETAIL
SCALE 1:2

SCHEMATIC
SCALE 1:2

ESTIMATED MASS
2.05 lbm

ENGR. ROBERT ARINIELLO
APPR. _____
DIMENSIONING AND TOLERANCE IS IAW ASME Y14.5-2018 AND Y14.41-2019
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN mm.
TOLERANCES:
DEC .XX ±
--- .XXX ±
--- .XXXX ±
ANGLE BREAK EDGES .005-.015
INTERNAL CORNERS R.015 MAX
ALL SURF. DO NOT SCALE DRAWING

TITLE:
COMPRESSOR NEAR FAR OPTICAL ASSEMBLY
SIZE DWG. NO. REV
C 008-002 0
SCALE: 1:3 6/20/2023 SHEET 1 OF 1