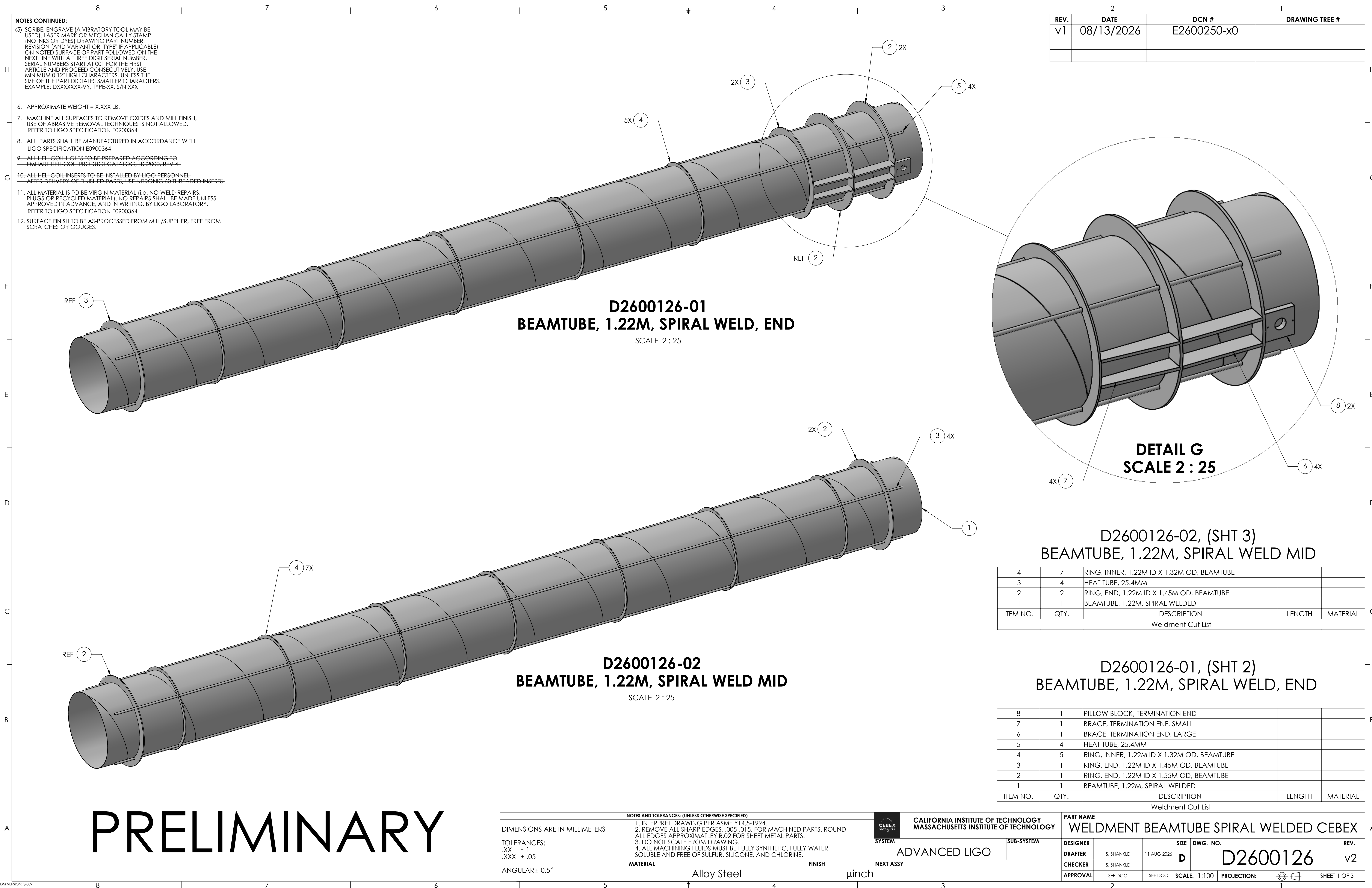
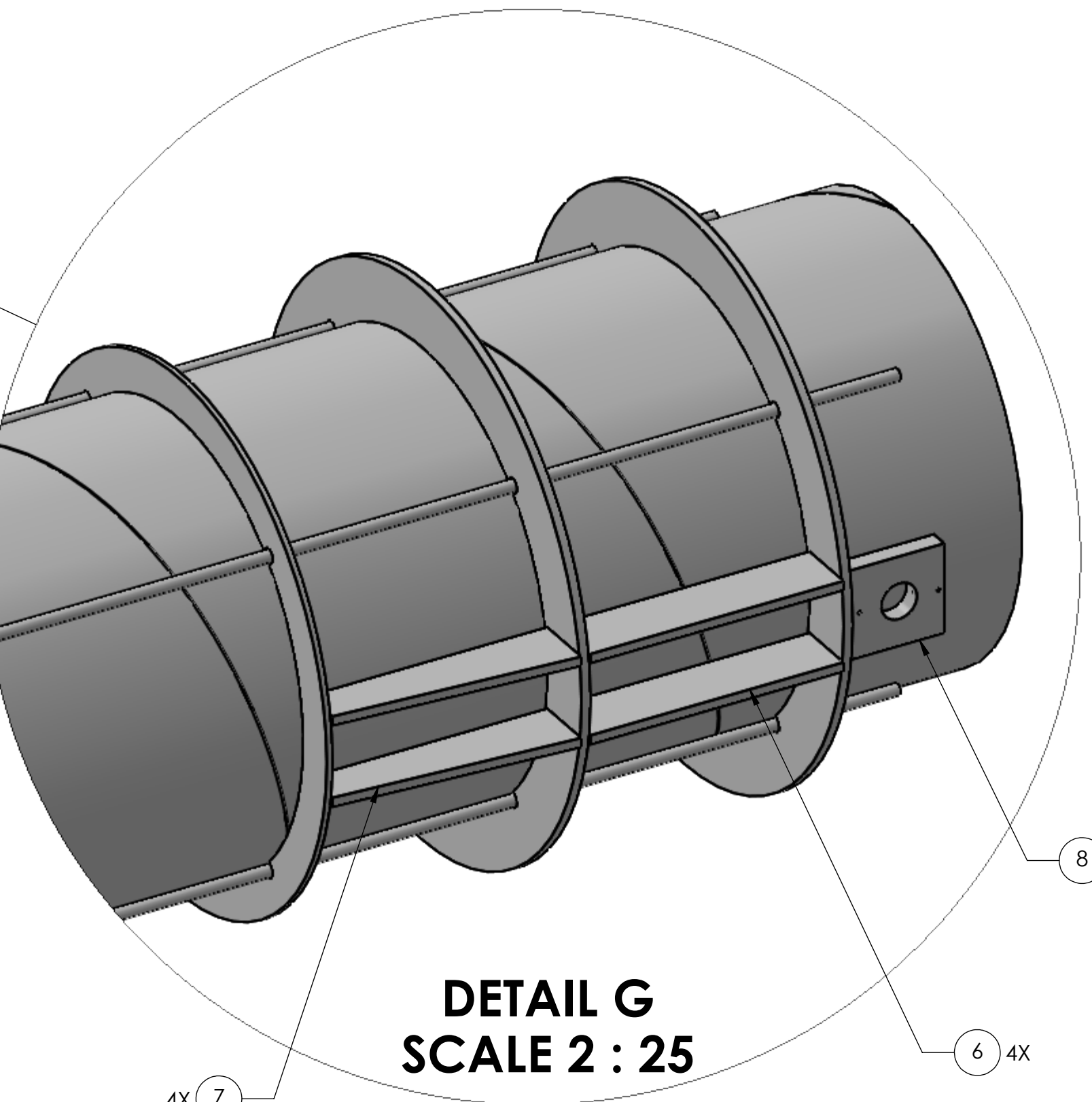




NOTES CONTINUED:

5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
6. APPROXIMATE WEIGHT = X.XXX LB.
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO SPECIFICATION E0900364
8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364
9. ALL HELI COIL HOLES TO BE PREPARED ACCORDING TO EMHART HELI COIL PRODUCT CATALOG, HC2000, REV 4
10. ALL HELI COIL INSERTS TO BE INSTALLED BY LIGO PERSONNEL. AFTER DELIVERY OF FINISHED PARTS, USE NITRONIC 60 THREADED INSERTS.
11. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO SPECIFICATION E0900364
12. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

REV.	DATE	DCN #	DRAWING TREE #
v1	08/13/2026	E2600250-x0	



D2600126-02, (SHT 3)
BEAMTUBE, 1.22M, SPIRAL WELD MID

4	7	RING, INNER, 1.22M ID X 1.32M OD, BEAMTUBE		
3	4	HEAT TUBE, 25.4MM		
2	2	RING, END, 1.22M ID X 1.45M OD, BEAMTUBE		
1	1	BEAMTUBE, 1.22M, SPIRAL WELDED		
ITEM NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL
Weldment Cut List				

D2600126-01, (SHT 2)
BEAMTUBE, 1.22M, SPIRAL WELD, END

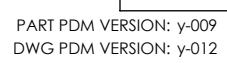
8	1	PILLOW BLOCK, TERMINATION END		
7	1	BRACE, TERMINATION ENF, SMALL		
6	1	BRACE, TERMINATION END, LARGE		
5	4	HEAT TUBE, 25.4MM		
4	5	RING, INNER, 1.22M ID X 1.32M OD, BEAMTUBE		
3	1	RING, END, 1.22M ID X 1.45M OD, BEAMTUBE		
2	1	RING, END, 1.22M ID X 1.55M OD, BEAMTUBE		
1	1	BEAMTUBE, 1.22M, SPIRAL WELDED		
ITEM NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL
Weldment Cut List				

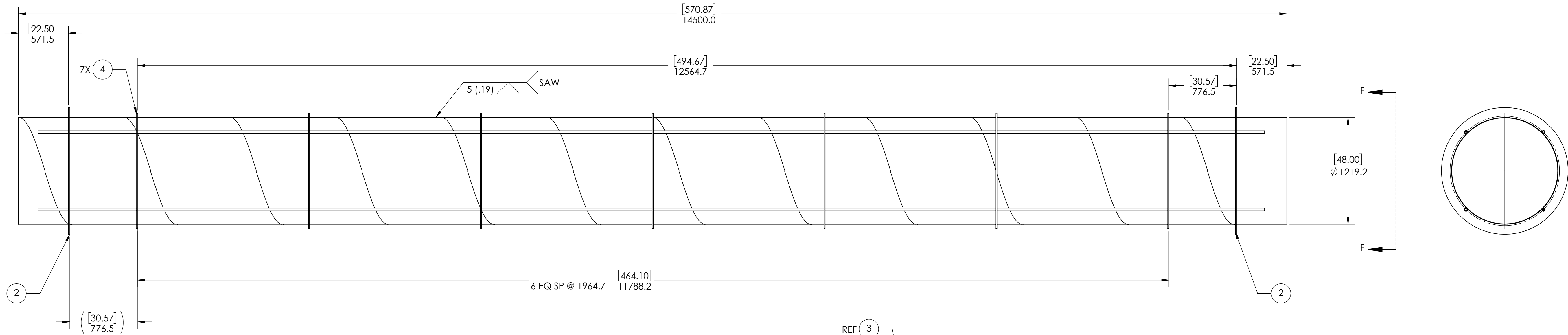
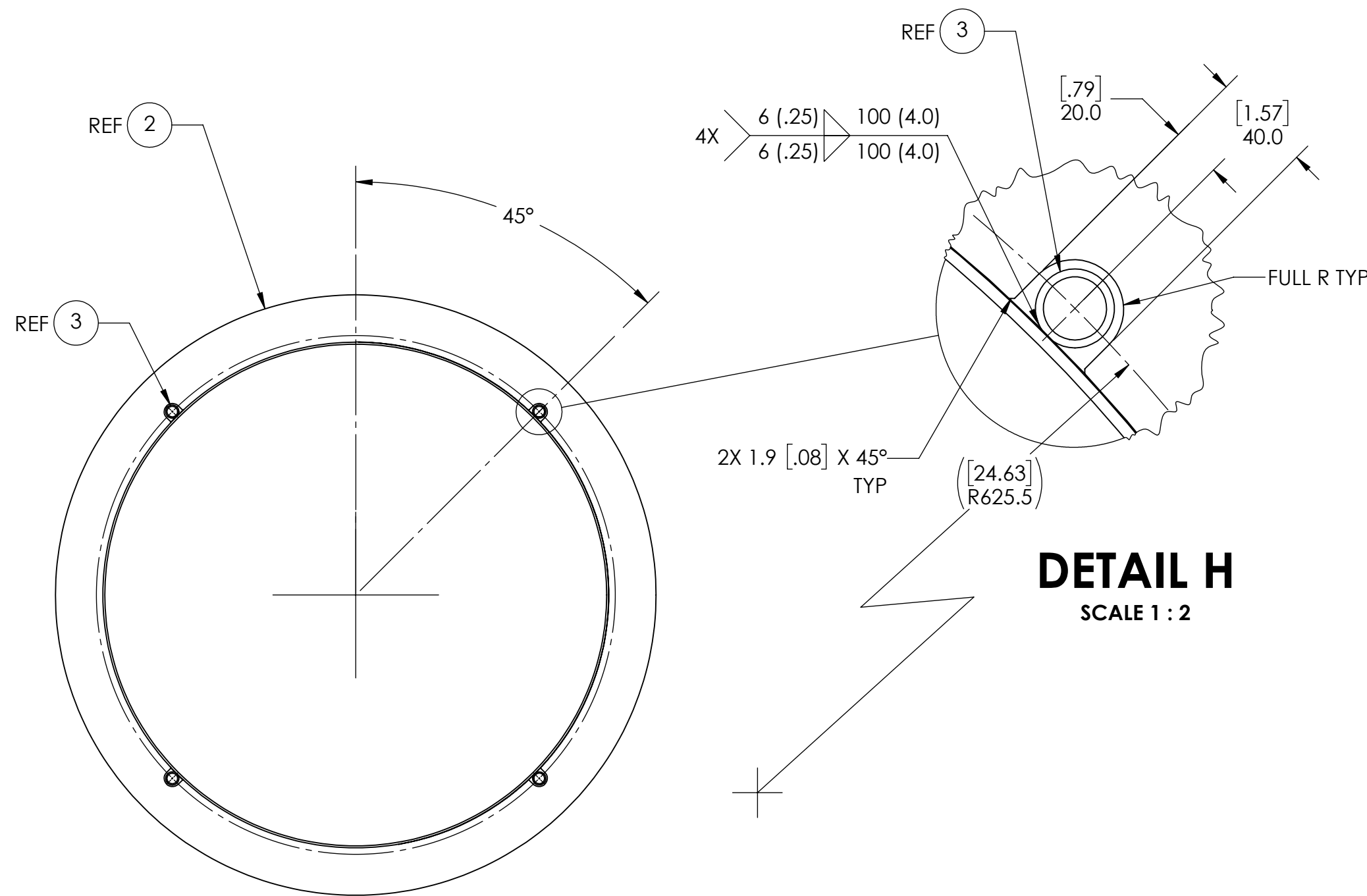
PRELIMINARY

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		
DIMENSIONS ARE IN MILLIMETERS		
TOLERANCES: .XX ± .1 .XXX ± .05		
ANGULAR ± 0.5°		
MATERIAL	FINISH	
Alloy Steel	μinch	

SYSTEM	SUB-SYSTEM
ADVANCED LIGO	
NEXT ASSY	

PART NAME				
WELDMENT BEAMTUBE SPIRAL WELDED CEBEX				
DESIGNER	DRAFTER	CHECKER	APPROVAL	REV.
	S. SHANKLE	S. SHANKLE	SEE DCC	v2
SIZE	DWG. NO.	SCALE	PROJECTION	SHEET 1 OF 3
D	D2600126	1:100		





SECTION F-F
SCALE 1 : 12

DETAIL H
SCALE 1 : 2

D2600126-02, BEAMTUBE, 1.22M, SPIRAL WELD MID

CEBEX		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE	DWG. NO.	REV.	
D	D2600126	v2	
SCALE: 1:50	PROJECTION:	SHEET 3 OF 3	