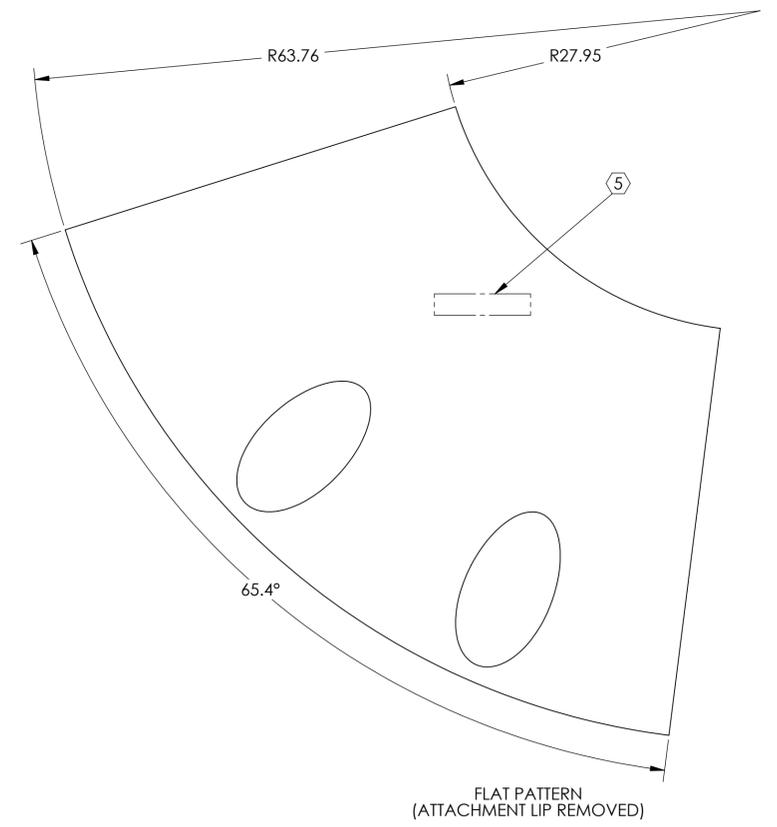
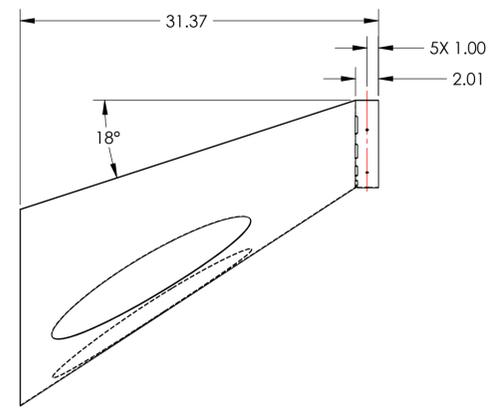
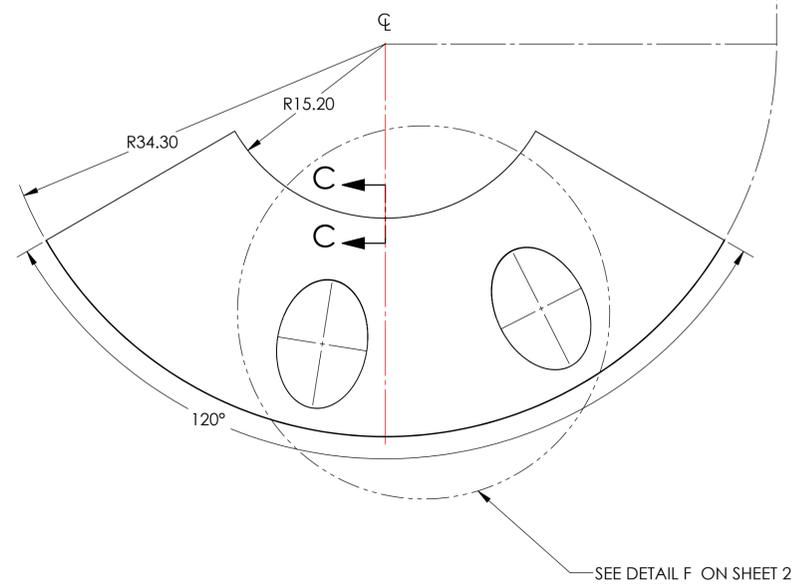
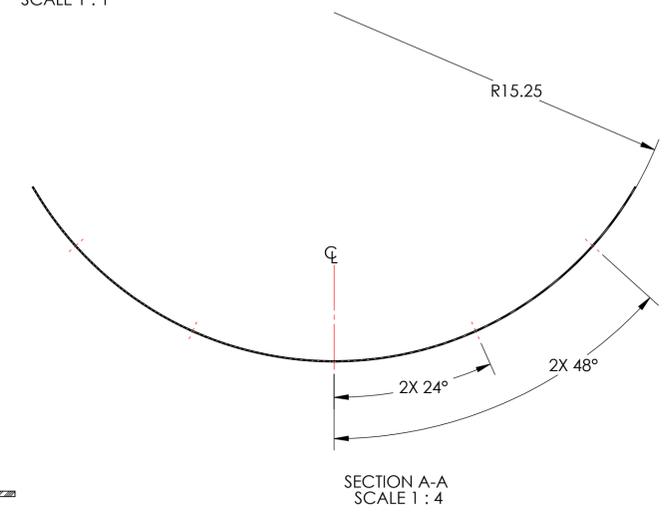
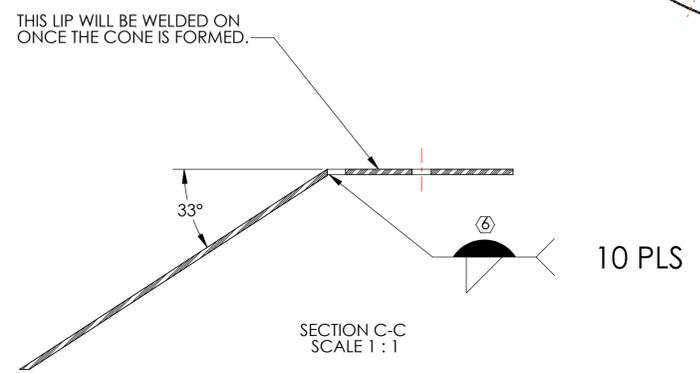
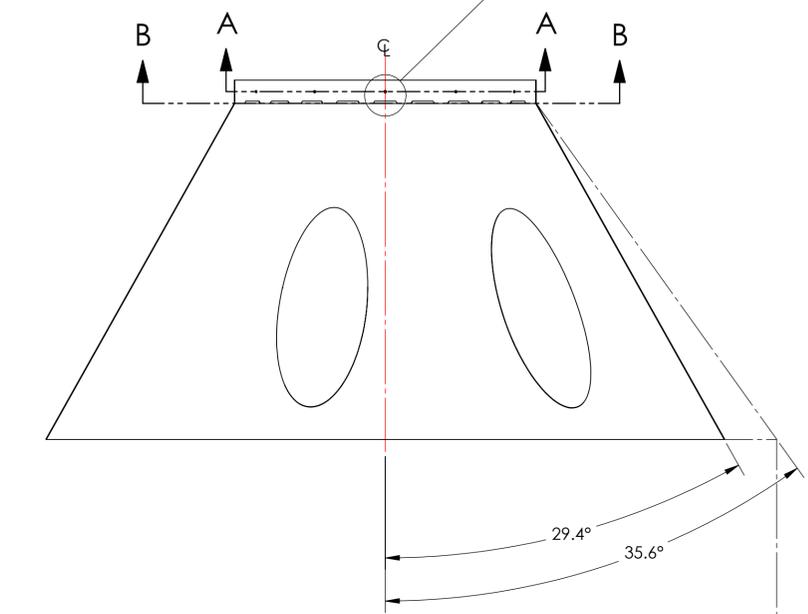
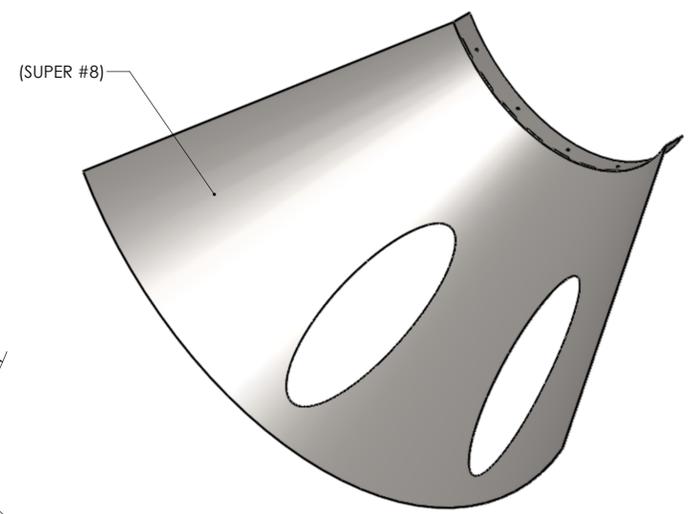
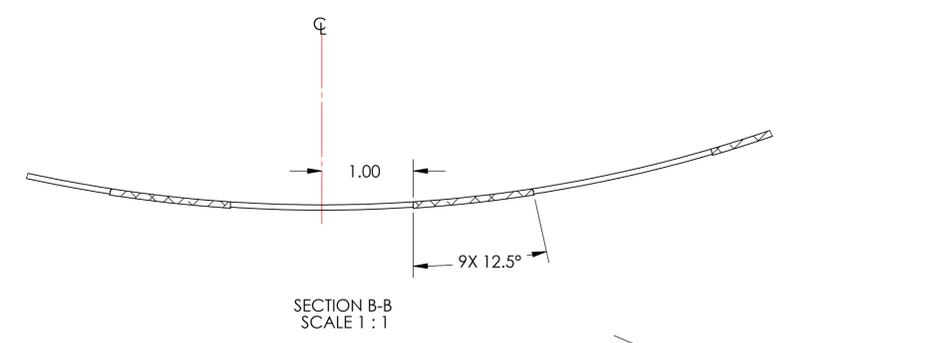
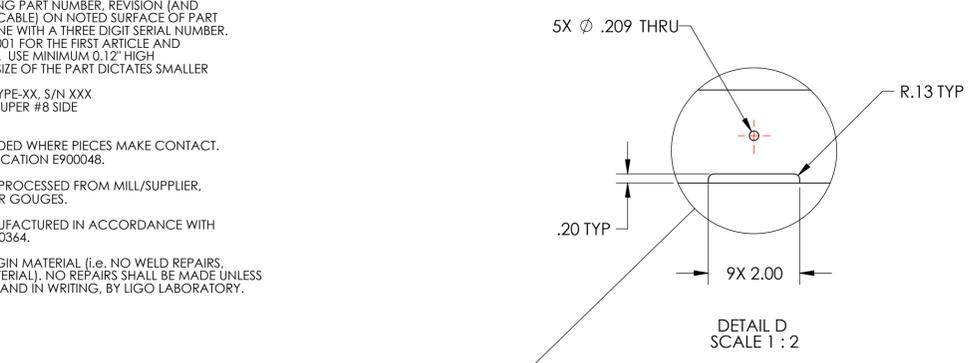


- NOTES CONTINUED:**
- ⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE 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 DO NOT APPLY MARK ON SUPER #8 SIDE
  - ⑥ CONE AND LIP TO BE WELDED WHERE PIECES MAKE CONTACT. WELD MUST BE PER SPECIFICATION E900048.
  - ⑦ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER. FREE FROM SCRATCHES OR GOUGES.
  - 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
  - 9. 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-E0900364.

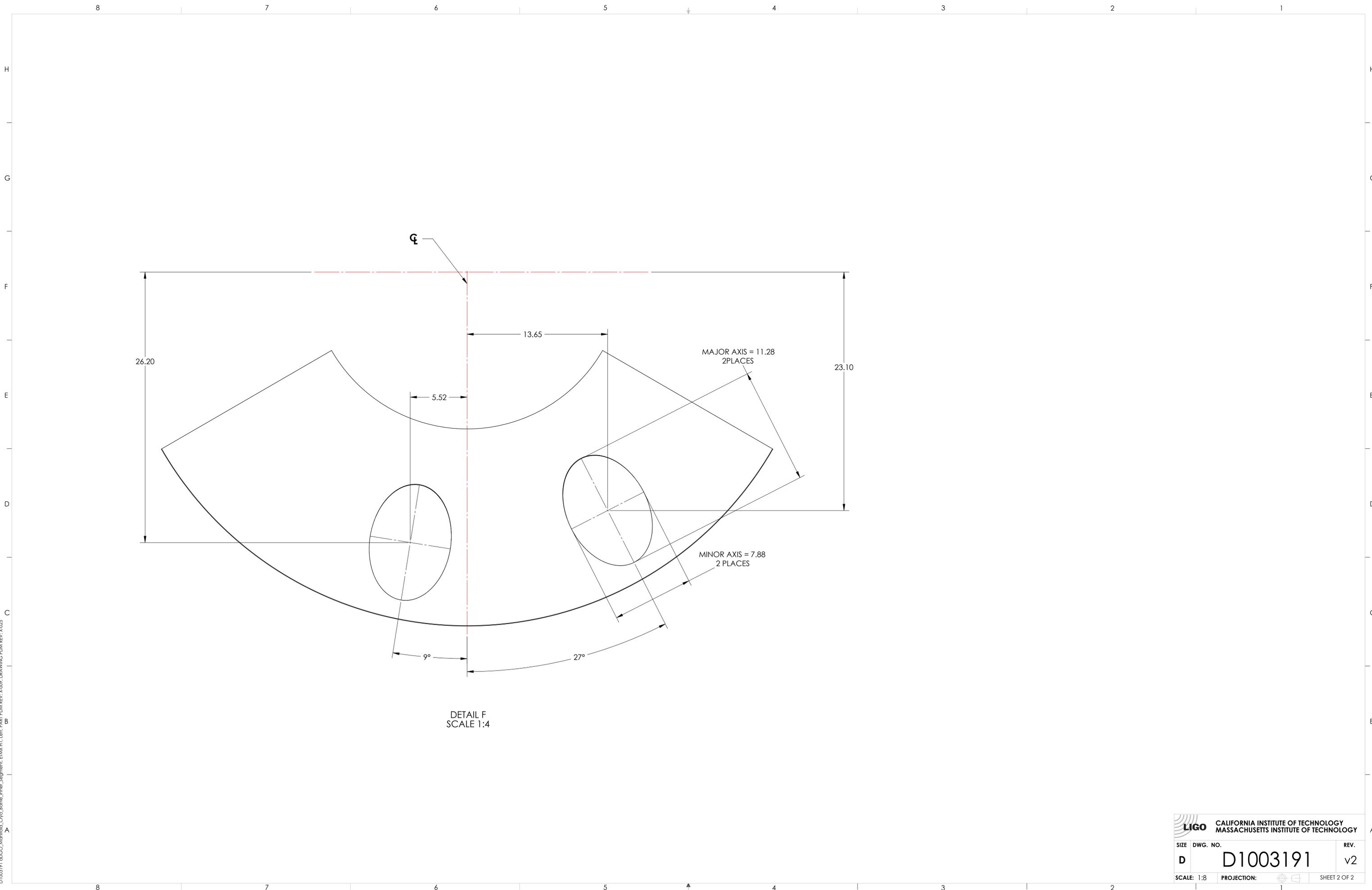
REV.	DATE	DCN #	DRAWING TREE #
v1	28 JUL 2010	E1000360-v2	-
v2	17 OCT 2011	E1000360-v3	-
-	-	-	-



THIS PIECE IS PART OF A WELDMENT. DIMENSIONS SHOWN ARE APPROXIMATE; WELD INDUCED SHRINKAGE OR FILL, AND POST WELD ANNEALING AND MACHINING CONSIDERATIONS ARE NOT INCLUDED. SEE D0902656 FOR REQUIRED DIMENSIONS FOR STRUCTURE AFTER WELDMENT.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .06 .XXX ± .010	
ANGULAR ± 0.5°	
MATERIAL	FINISH
18 GAUGE 304 SSSL	⑦ SUPER #8

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
ADVANCED LIGO		MANIFOLD-CRYO BAFFLE INNER SEGMENT WELDMENT, ETMX H1, LEFT	
DESIGNER	TQ. NGUYEN	6 DEC 2010	SIZE DWG. NO.
DRAFTER	TQ. NGUYEN	7 DEC 2010	D
CHECKER	M. SMITH		D1003191
APPROVAL	D. COYNE		REV. v2
NEXT ASSY		SCALE: 1:8 PROJECTION:	
D1003188		SHEET 1 OF 2	



DETAIL F  
SCALE 1:4

 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		REV.
SIZE	DWG. NO.	REV.
D	D1003191	v2
SCALE: 1:8	PROJECTION:	SHEET 2 OF 2

D:\003191\dl\GO\_MonField\_Cryo\_Baffle\_Inner\_Segment1\_ETMX-H1\_L1.dwg PDM REV. X:009 DRAWING PDM REV. X:025