

8 7 6 5 4 3 2 1

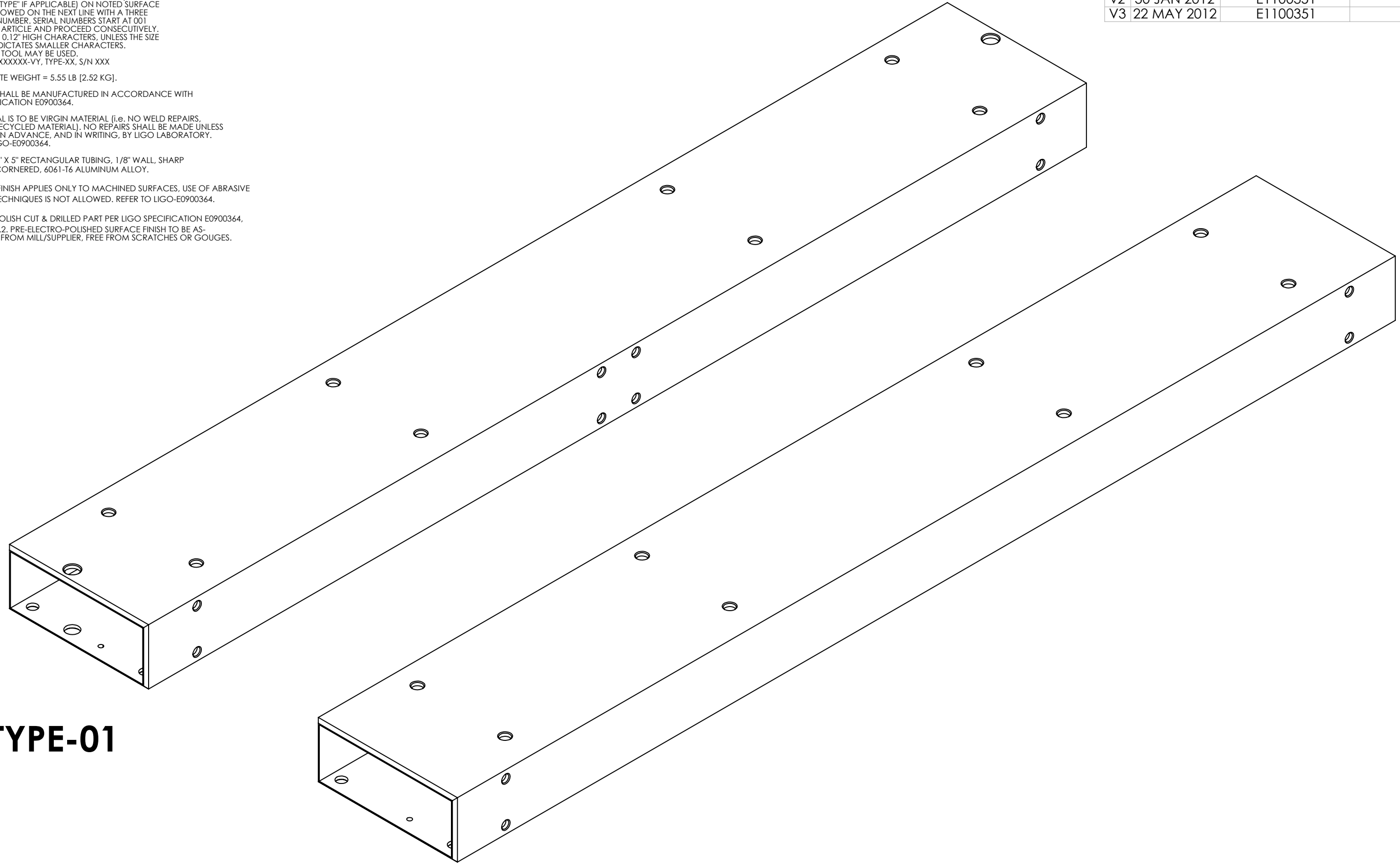
**NOTES CONTINUED:**

- 5. SCRIBE, ENGRAVE, 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. A VIBRATORY TOOL MAY BE USED.  
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
- 6. APPROXIMATE WEIGHT = 5.55 LB [2.52 KG].
- 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 8. 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.
- 9. MATERIAL: 2" X 5" RECTANGULAR TUBING, 1/8" WALL, SHARP CORNERED, 6061-T6 ALUMINUM ALLOY.
- 10. SPECIFIED FINISH APPLIES ONLY TO MACHINED SURFACES. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364.
- 11. ELECTRO-POLISH CUT & DRILLED PART PER LIGO SPECIFICATION E0900364, SECTION 5.1.2. PRE-ELECTRO-POLISHED SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

REV.	DATE	DCN #	DRAWING TREE #
v1	01 MAR 2011	E1100086	-
v2	30 JAN 2012	E1100351	-
v3	22 MAY 2012	E1100351	-

D C B A

D C B A



**TYPE-01**

**TYPE-02**

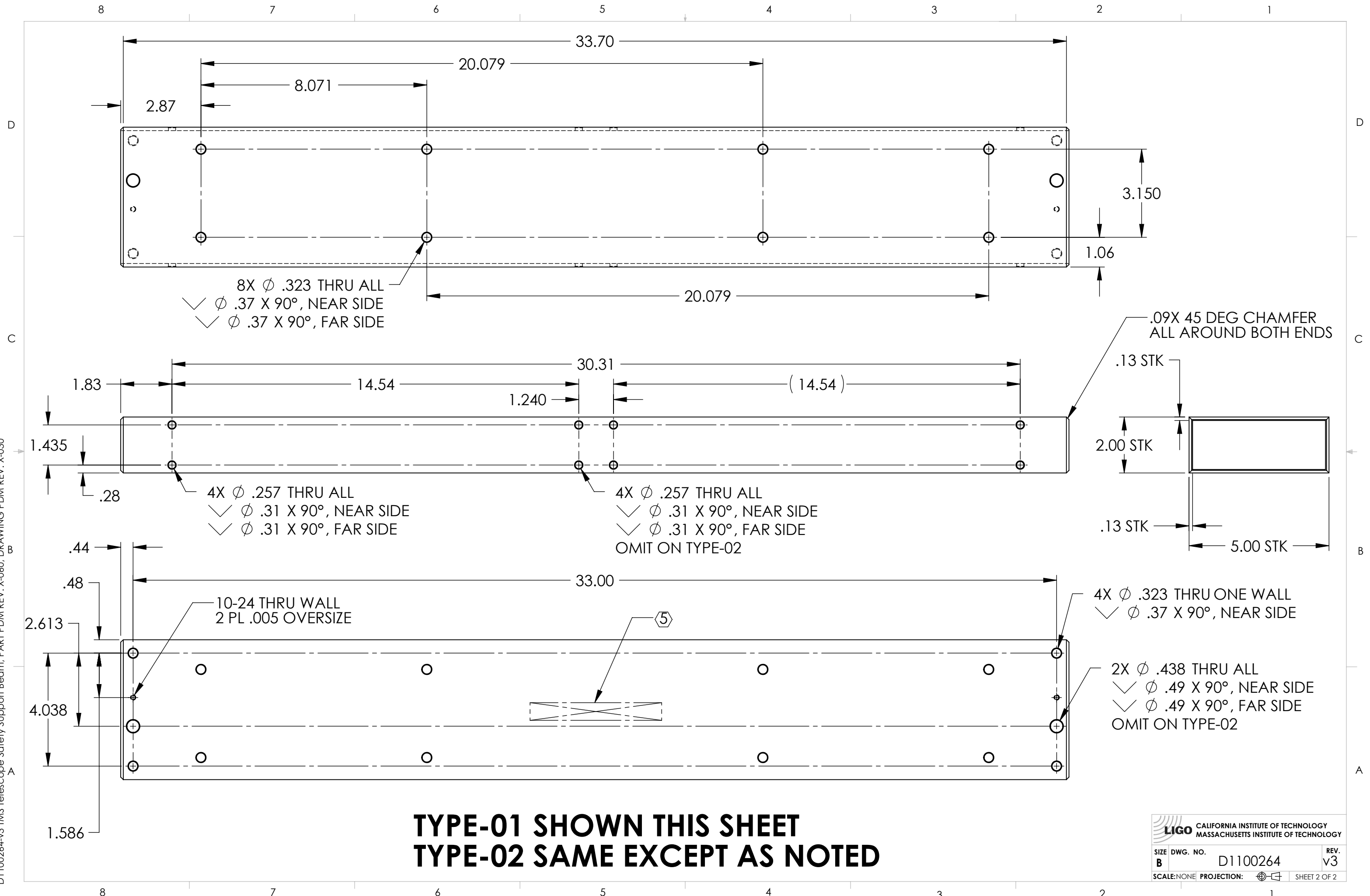
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
9	63 μinch Ra 10 11

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		TMS TELESCOPE SAFETY SUPPORT BEAM	
SYSTEM	SUB-SYSTEM	DESIGNER	DATE	SIZE	DWG. NO.
ADVANCED LIGO	AOS	C. CONLEY	10 FEB 2011	B	D1100264
CHECKER	APPROVAL	SEE DCN	SEE DCN	SCALE: NONE	PROJECTION:
NEXT ASSY	D1101130	SEE DCN	SEE DCN		
					REV. v3
					SHEET 1 OF 2

D1100264-v3 TMS Telescope Safety Support Beam, PART PDM REV: X-060, DRAWING PDM REV: X-030

8 7 6 5 4 3 2 1

D1100264-v3 TMS Telescope Safety Support Beam, PART PDM REV: X-060, DRAWING PDM REV: X-030



**TYPE-01 SHOWN THIS SHEET**  
**TYPE-02 SAME EXCEPT AS NOTED**

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1100264	v3
SCALE: NONE		PROJECTION:
		SHEET 2 OF 2