

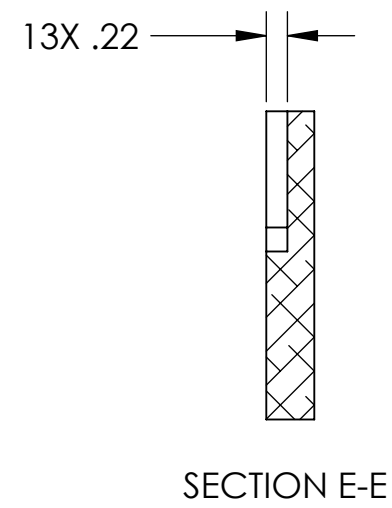
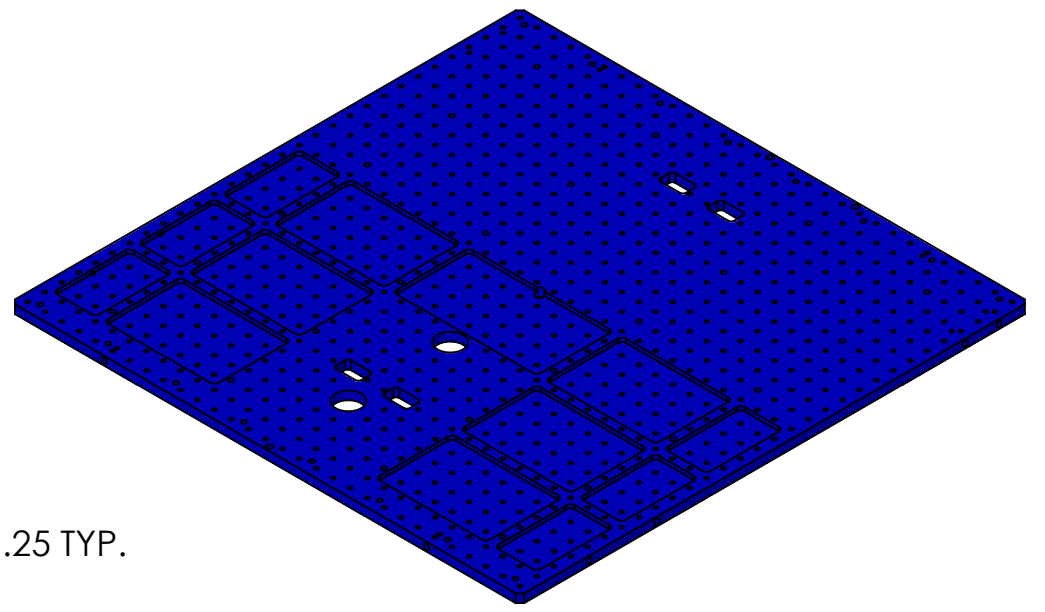
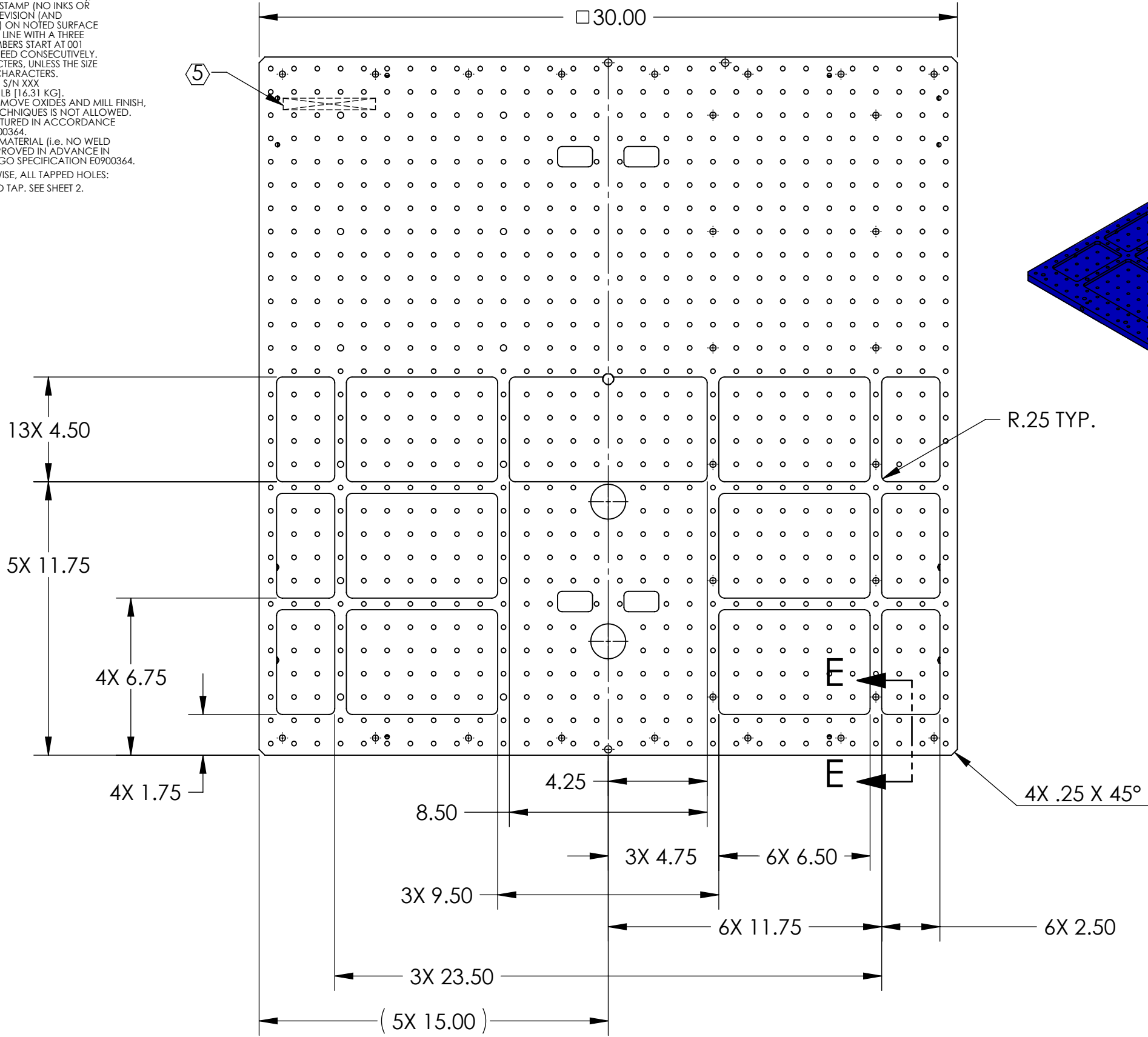
8 7 6 5 4 3 2 1

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 = 35.96 LB (16.31 KG).
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 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 OR PLUGS UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO). REFER TO LIGO SPECIFICATION E0900364.
 10. EXCEPT WHERE NOTED OTHERWISE, ALL TAPPED HOLES: .005" OVERSIZE BOTH DRILL AND TAP. SEE SHEET 2.

REV.	DATE	DCN #	DRAWING TREE #
v1	22 DEC 2010	E1000762-v1	-
v5	26 MAR 2012	E1200317-x0	-
-	-	-	-
-	-	-	-

D
C
B
A

D
C
B
A



D1001129 aLIGO ETM OPTICAL TABLE, PART PDM REV: X-088, DRAWING PDM REV: X-091

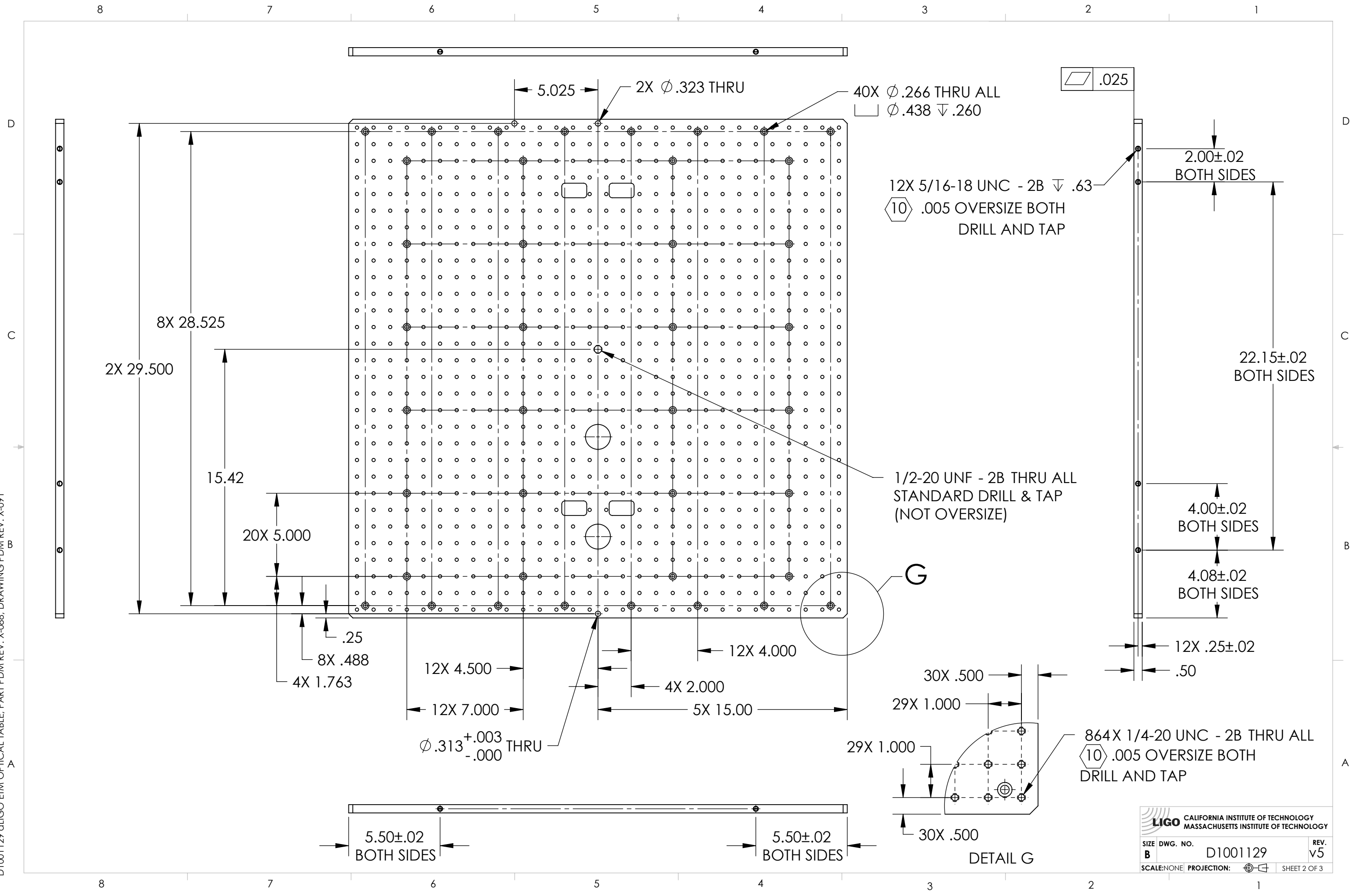
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005	
ANGULAR ± 1.0°	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005 - .015. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	6061-T6 Al
FINISH	63 μinch Ra



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME
SYSTEM ADVANCED LIGO	aLIGO ETM OPTICAL TABLE
SUB-SYSTEM AOS	DESIGNER K. MAILAND 09 OCT 2010
NEXT ASSY D1001160	DRAFTER M. MILLER 09 NOV 2010
	CHECKER SEE DCC
	APPROVAL SEE DCC

SIZE	DWG. NO.	REV.
B	D1001129	v5
SCALE: NONE	PROJECTION:	SHEET 1 OF 3

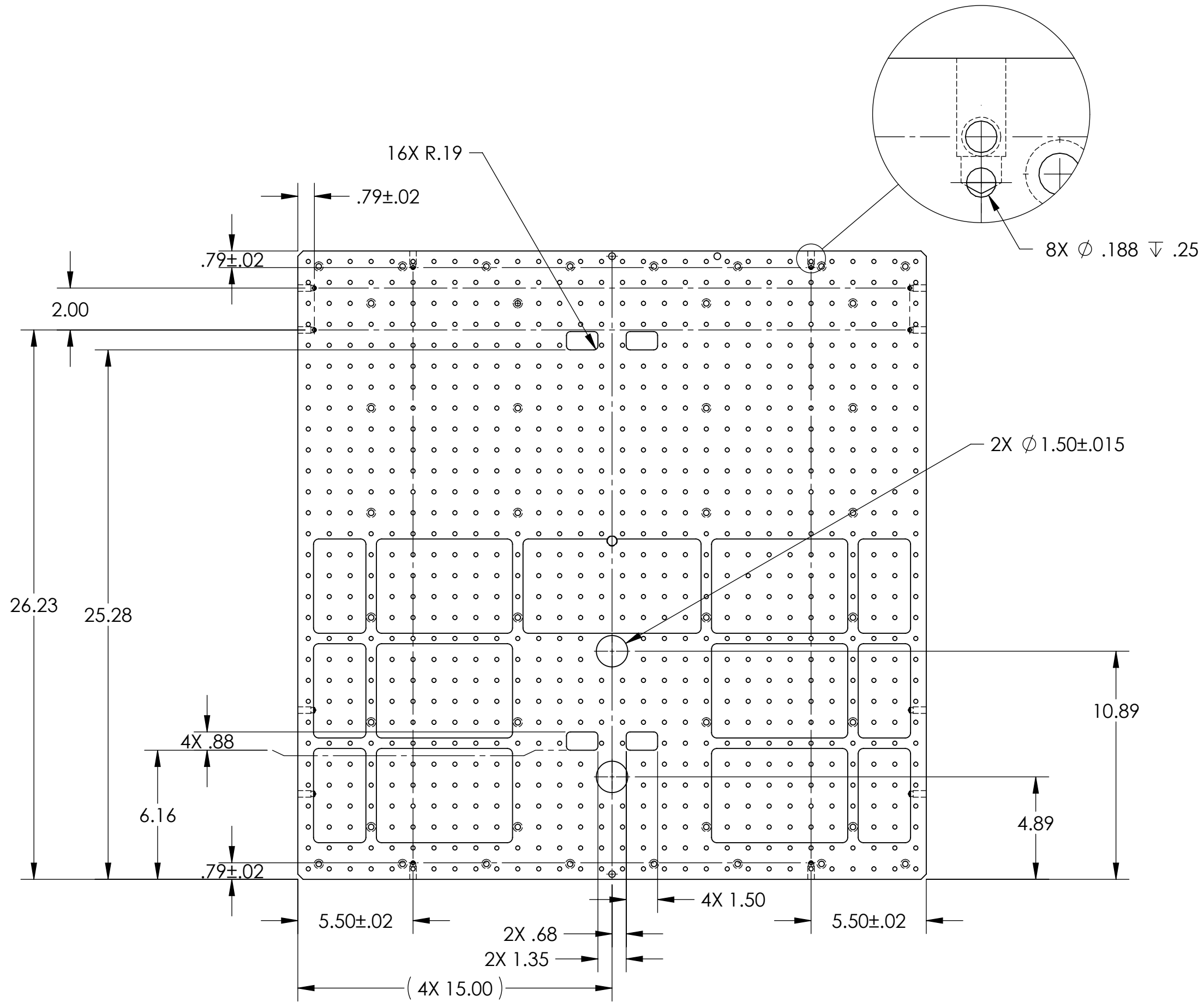
8 7 6 5 4 3 2 1

D1001129 dLIGO EIM OPTICAL TABLE, PART PDM REV: X-088, DRAWING PDM REV: X-091



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 SIZE DWG. NO. **B** D1001129 REV. v5
 SCALE: NONE PROJECTION:  SHEET 2 OF 3

D1001129 dLIGO EIM OPTICAL TABLE, PART PDM REV: X-088, DRAWING PDM REV: X-091



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SIZE	DWG. NO.	REV.
B	D1001129	v5
SCALE: NONE	PROJECTION:	SHEET 3 OF 3