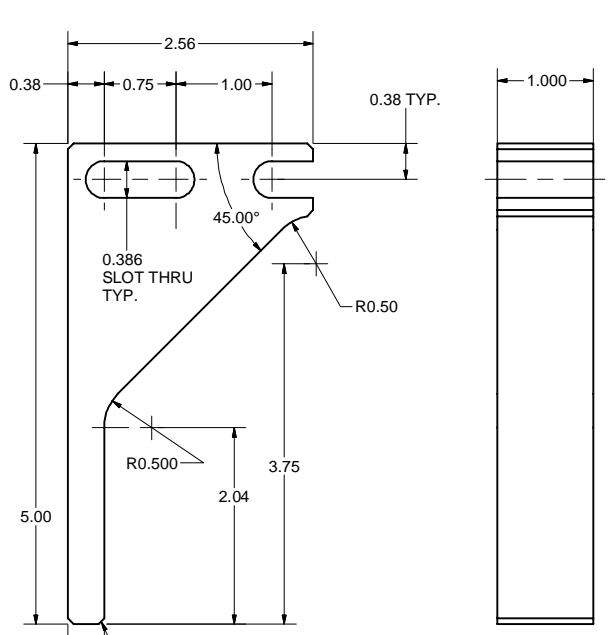
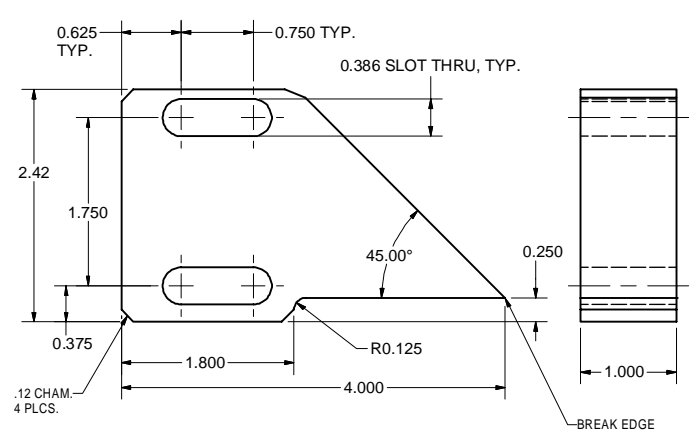


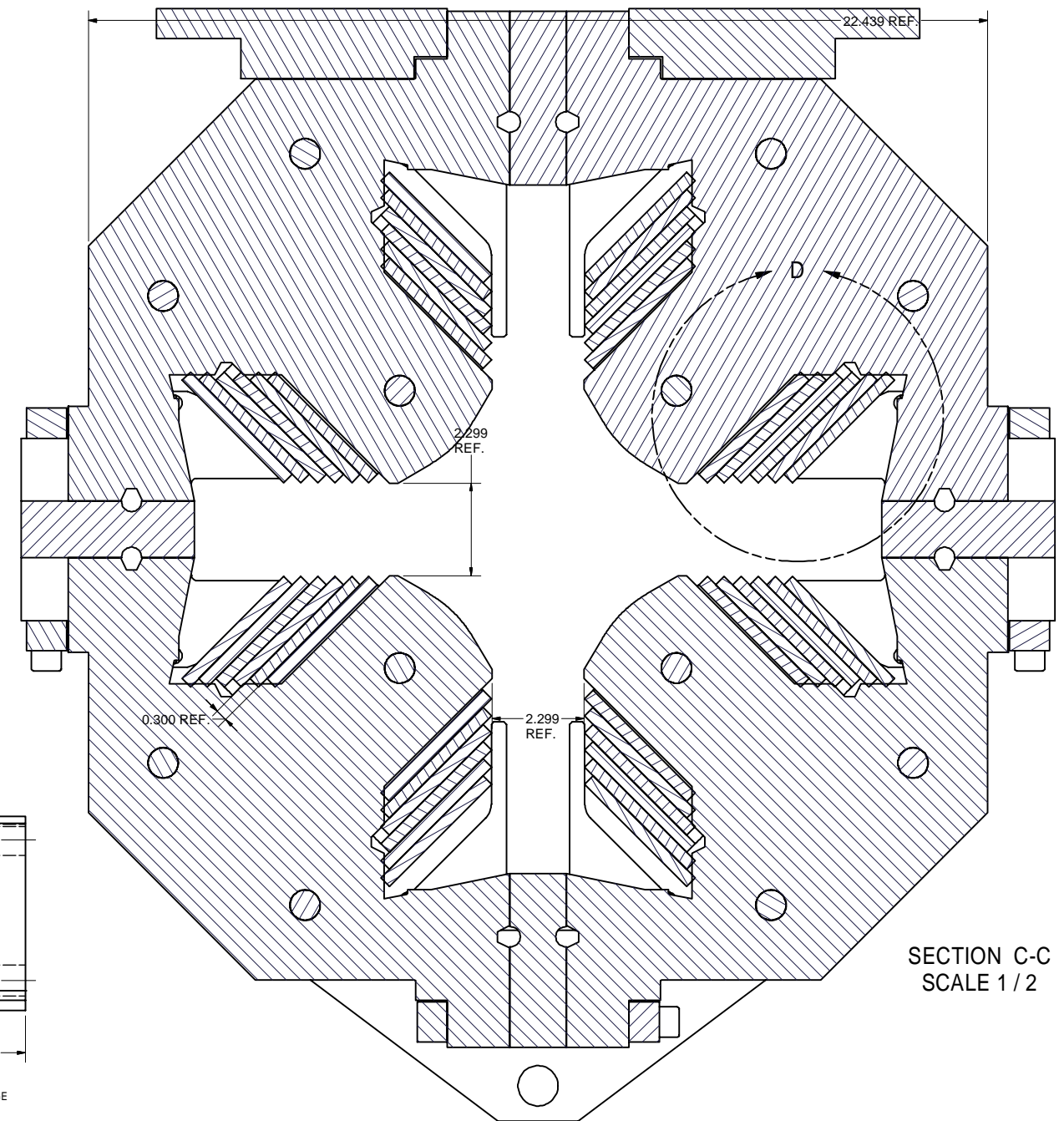
REVISIONS			
SYM.	ZONE	DESCRIPTION	DATE APP.



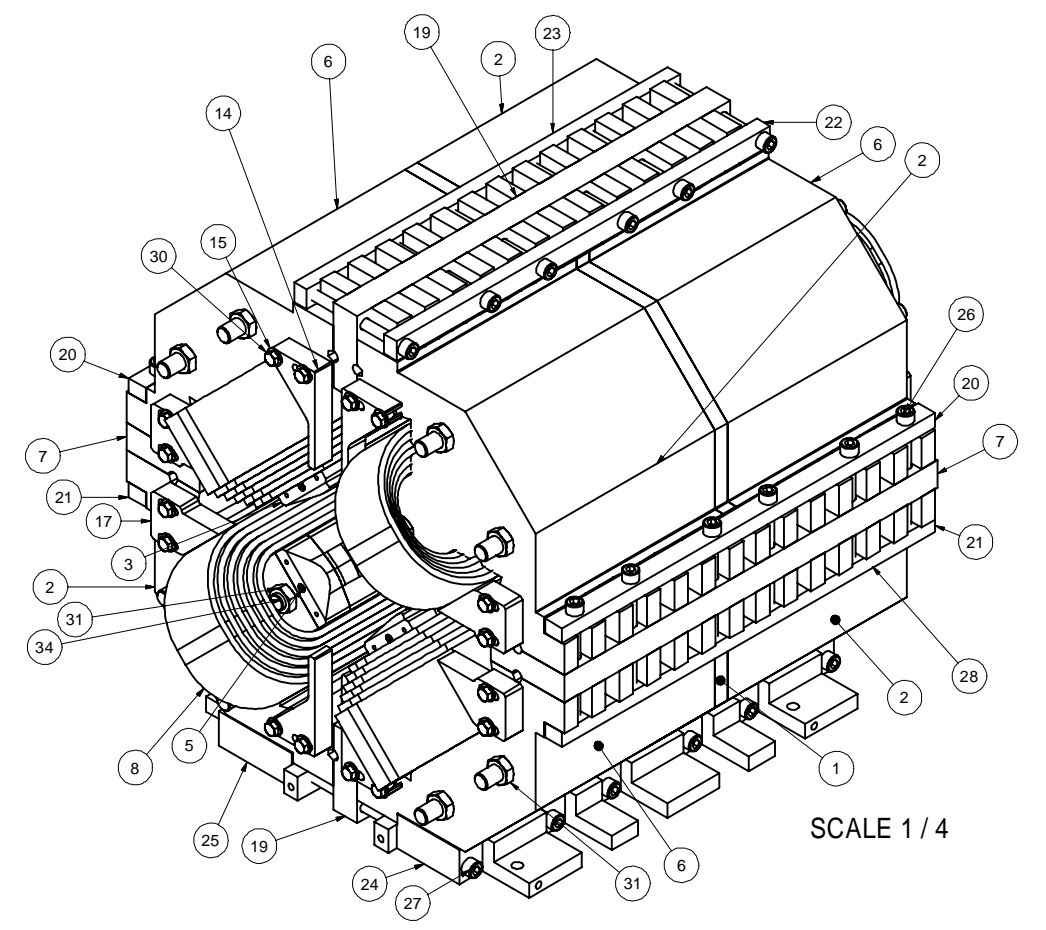
14 COIL RETAINER
 FILE NAME: 6041-158
 SHEET NO.: 1
 DFT. SCALE: 1:1
 MATERIAL: G-10
 QTY: 4 PER ASM.
 NOTES:



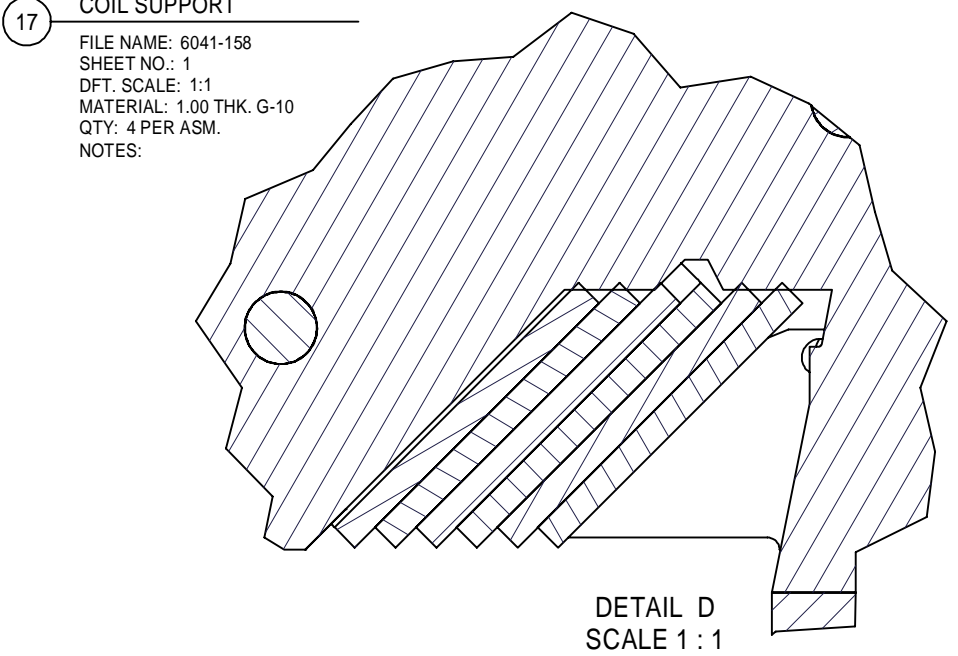
17 COIL SUPPORT
 FILE NAME: 6041-158
 SHEET NO.: 1
 DFT. SCALE: 1:1
 MATERIAL: 1.00 THK. G-10
 QTY: 4 PER ASM.
 NOTES:



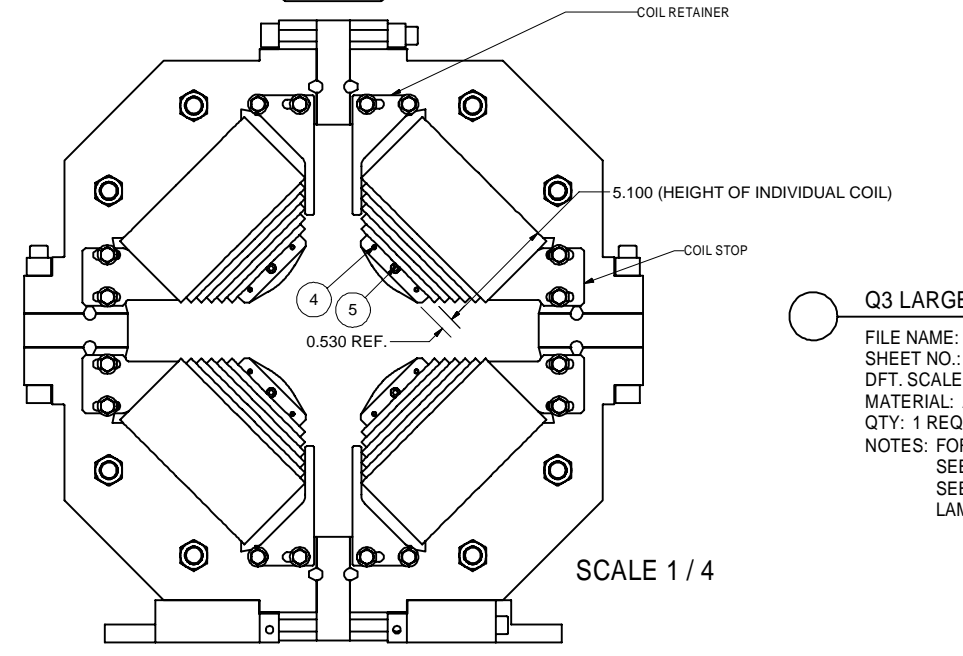
**SECTION C-C
SCALE 1/2**



SCALE 1/4



**DETAIL D
SCALE 1:1**



Q3 LARGE BORE QUAD

FILE NAME: 6041-158
 SHEET NO.: 1
 DFT. SCALE: .5:1
 MATERIAL: AS NOTED
 QTY: 1 REQ'D
 NOTES: FOR RIGGING DETAILS
 SEE 6041-160
 SEE SH.3 THIS DWG. FOR
 LAMINATION STACKING DETAILS

SCALE 1/4

34	.75 THD ROD SHORT	Strn. Stl. Ground Rod x 23.25 Lg. .75-10UNC x 1.00 LG. BOTH ENDS	4				
31	ANSI B18.2.2 - 3/4 - 10	Hex Jam Nut	24				
30	ANSI/ASME B18.2.1 - 3/8-16 UNC - 1.75	Hex Bolt - UNC (Regular Thread - Inch)	32				
28	.75 THD ROD		8				
27	ANSI B18.3 - 1/2 - 13 - 10	Hexagon Socket Head Cap Screw	6				
26	ANSI B18.3 - 1/2 - 13 - 6	Hexagon Socket Head Cap Screw	18				
25	6041-159-0202	PAD-2	1				
24	6041-159-0201	PAD-1	1				
23	6041-159-0206	CLAMP BAR-4	1				
22	6041-159-0205	CLAMP BAR-3	1				
21	6041-159-0204	CLAMP BAR-2	2				
20	6041-159-0203	CLAMP BAR-1	2				
19	Spacer 072704		2				
17	Coil Support 2		8				
15	ANSI B18.22.1 - 3/8 - narrow - Type A	Washer A	32				
14	Coil Retainer		8				
8	Coil1	SEE 6041-156	4				
7	Spacer 061504		2				
6	BLOCK 'B'		4				
5	Unbrako - 1/4 x 1 3/4	Hexagon Socket Head Cap Screw, 316 SS, NON-MAG.	8			McMASTER-CARR #92185A548	
4	dowel pin		16			McMASTER-CARR #97175A315	
3	tip_v62-modify1-062504		8				
2	BLOCK 'A'		4				
1	DIVIDER STACK	STACK OF 14 LAMINATIONS (.75 THK.)	4			SEE NOTE, SH.3	

REV.	PRINT DISTR.	ITEM	DWG. NO.	DESCRIPTION	QUANTITY			REMARKS	REV.
					G1	G2	G3		
6041-158	CR-1								

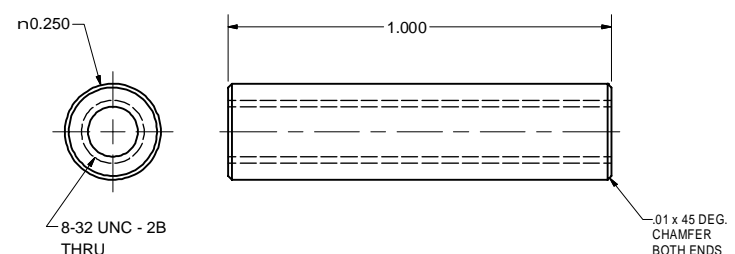
PLOT DATE: 10/30/2004
 CAD FILE NAME: 6041-158.idw
 UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES:
 TOLERANCES ON:
 .00 - .010
 .000 - .005
 FRACTIONS - 1/64
 ANGLES - 0.5
 ALL SURFACES

CORNELL UNIVERSITY LEPP
 LABORATORY FOR ELEMENTARY PARTICLE PHYSICS
 CORNELL UNIVERSITY
 Floyd R. Newman Laboratory
 Ithaca, NY 14853

MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS ASSEMBLY

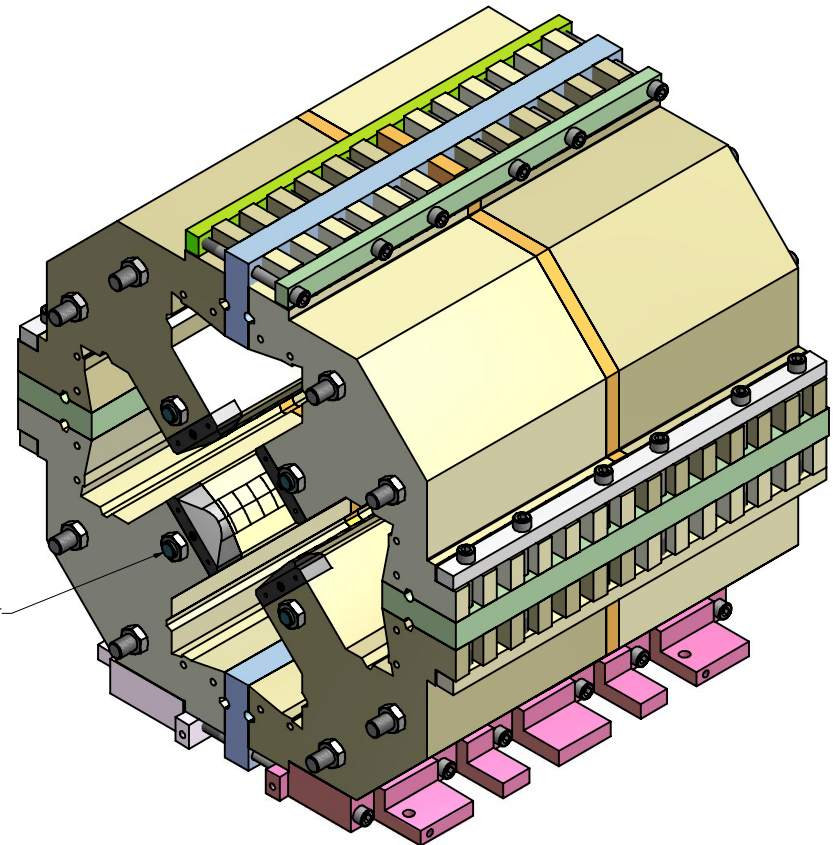
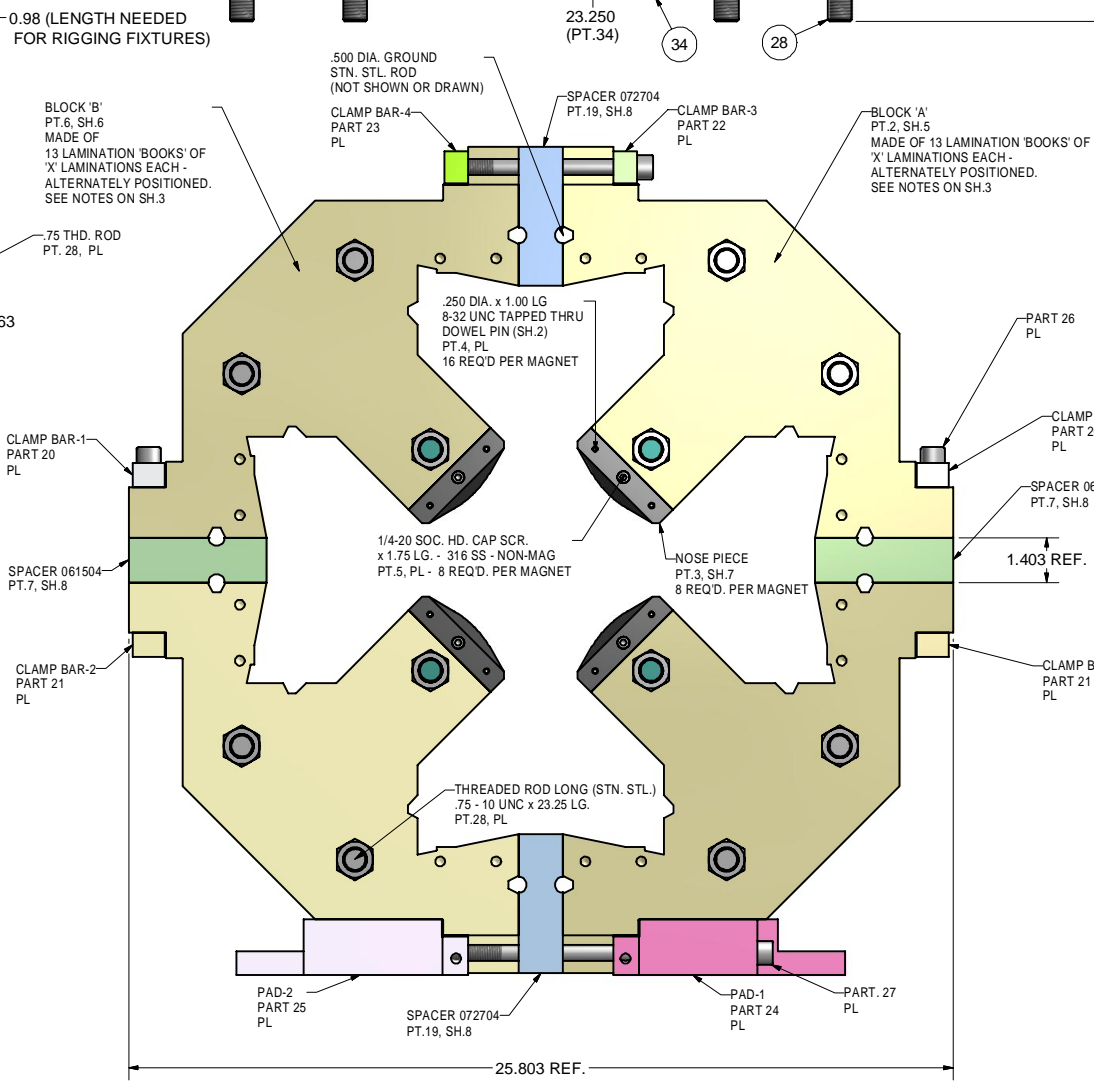
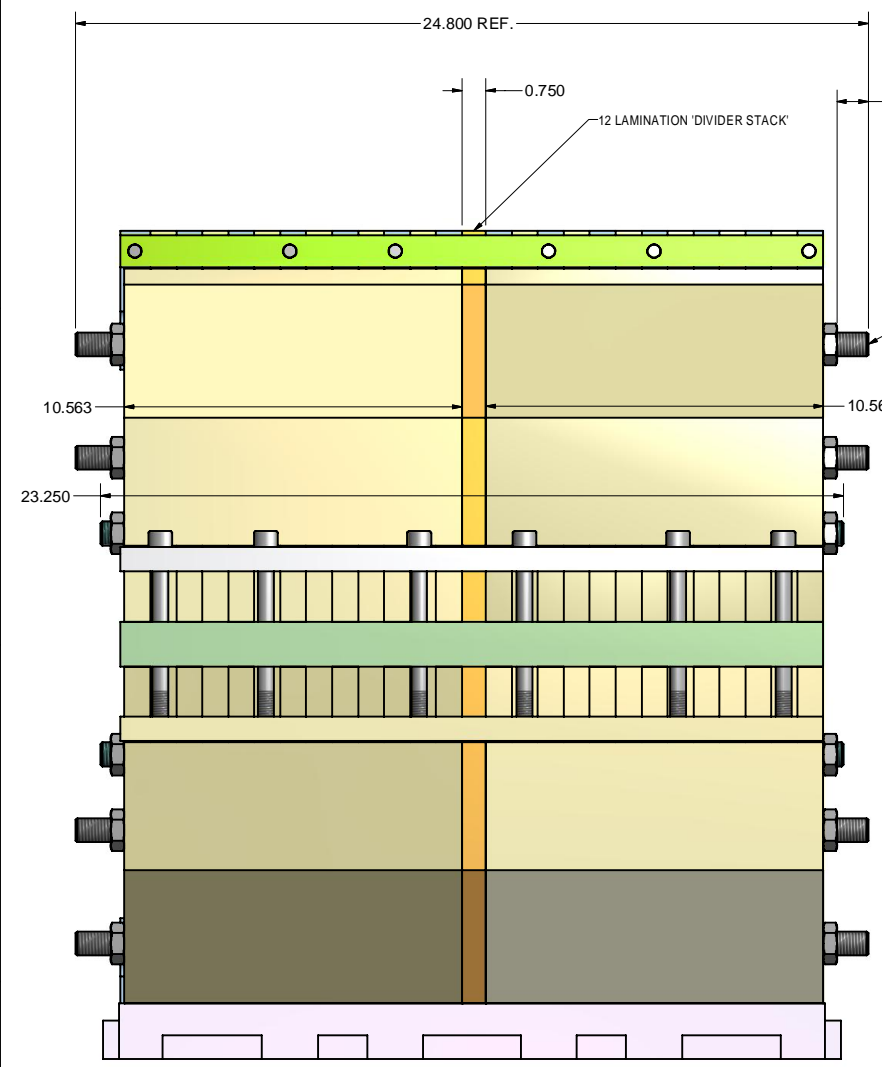
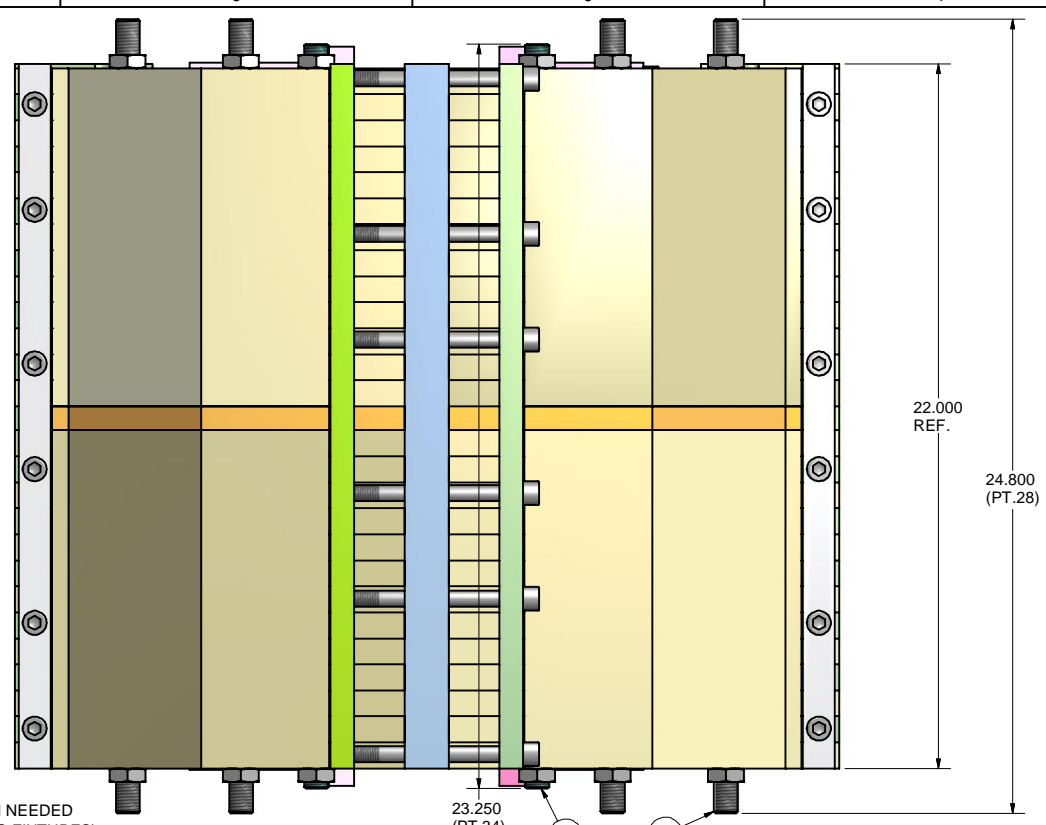
CHECKED BY:	DRAWN BY:	DRAWN FOR:	DATE:	SCALE:	DWG. NO.:	REV.:
MAP	TMK	M.PALMER	6/2/2004	D	6041-158	SH. NO. 1 OF 10

REVISIONS				
SYM.	ZONE	DESCRIPTION	DATE	APP.



4 DOWEL PIN

FILE NAME: 6041-158
 SHEET NO.: 2
 DFT. SCALE: 5:1
 MATERIAL: GROUND DOWEL PIN - SEE NOTE
 QTY: 16 TOTAL PER MAGNET
 NOTES: PURCHASE McMASTER-CARR #97175A315 THEN TAP THRU AS SHOWN

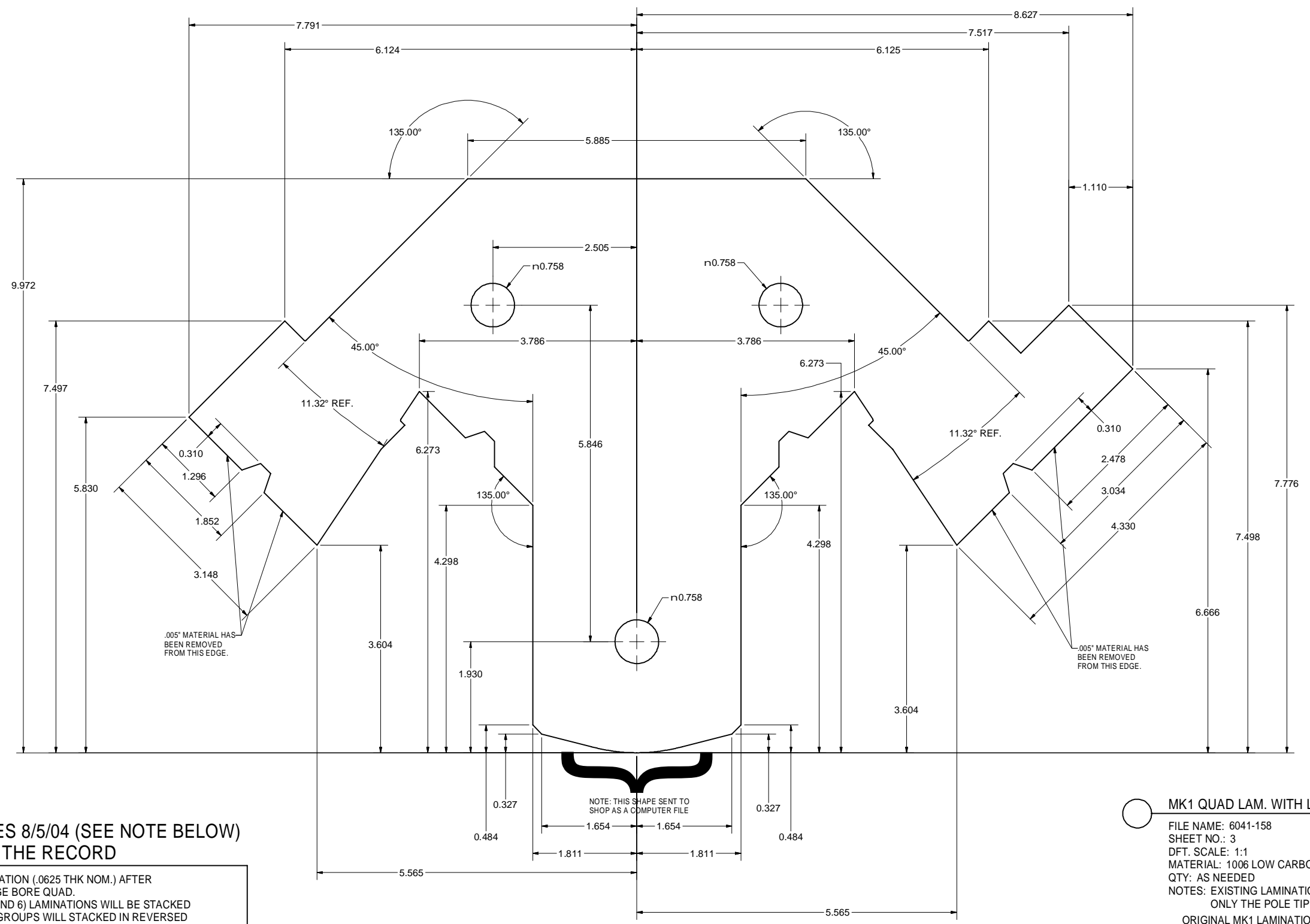


LG. BORE Q3 MAGNET, SUB-ASM.

FILE NAME: 6041-158
 SHEET NO.: 2
 DFT. SCALE: .333:1
 MATERIAL: AS NOTED
 QTY: 1 REQ'D.
 NOTES: SEE NOTES ON SH.3 OR SEE MARK PALMER-LEPP FOR INFO ABOUT ACTUAL LAMINATION STACKING.

ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.	
			QUANTITY					
D	PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw						
6041-158	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5 ALL SURFACES	CORNELL UNIVERSITY Laboratory for Elementary Particle Physics Floyd R. Newman Laboratory Ithaca, NY 14853				MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS Q3 LARGE BORE MAGNET WITHOUT COILS	
		CHECKED BY: MAP APPROVED BY: MAP						

REVISIONS				
SYM.	ZONE	DESCRIPTION	DATE	APP.



THIS INFORMATION PREDATES 8/5/04 (SEE NOTE BELOW) BUT SHOULD BE SAVED FOR THE RECORD

THIS SHEET SHOWS THE PROFILE OF A LAMINATION (.0625 THK NOM.) AFTER MATERIAL REMOVAL FOR USE IN THE Q3 LARGE BORE QUAD.
 FOR USE IN BLOCKS 'A' AND 'B' (SHEETS 5 AND 6) LAMINATIONS WILL BE STACKED IN GROUPS OF 13 (= .8125 THK. NOM.) AND GROUPS WILL STACKED IN REVERSED ORIENTATION EQUALLING 13 BUNCHES (= 10.5625 THK. NOM.)
 SEE SHEETS 5 AND 6 FOR CLARIFICATION AND ADDITIONAL MACHINING.
 IN ADDITION, TO CREATE A DIVIDER STACK, 12 LAMINATIONS WILL BE STACKED (= .75 THK. NOM.)

EACH BLOCK ('A' OR 'B') REQUIRES 169 LAMINATIONS.
 THE Q3 ASSEMBLY REQUIRES 4 EACH OF BLOCKS 'A' AND 'B'. EQUALLING 1352 LAMINATIONS.
 THE Q3 ASSEMBLY ALSO REQUIRES 4 DIVIDER STACKS (12 LAMS. EACH EQUALLING 48 LAMINATIONS).
 7/29/04

THE FOLLOWING NOTE WAS ADDED ON 8/5/04 (FOR #... DESIGNATIONS SEE MARK PALMER - LEPP)
 SECTIONS #4, #10, #14 (MIDDLE), #18 AND #24 HAVE 14 LAMINATIONS EACH.
 SECTION #14 WAS ORIGINALLY TO HAVE 12 LAMINATIONS WHILE THE OTHERS WERE TO HAVE 13 LAMINATIONS EACH.
 THE TOTAL NUMBER OF LAMINATIONS USED IS 356 PER QUADRANT.
 THE FIVE QUARTERS ASSEMBLED MEASURED RESPECTIVELY;
 21.9458", 21.9575", 21.9370", 21.9355" AND 21.9610" (THE SPARE).

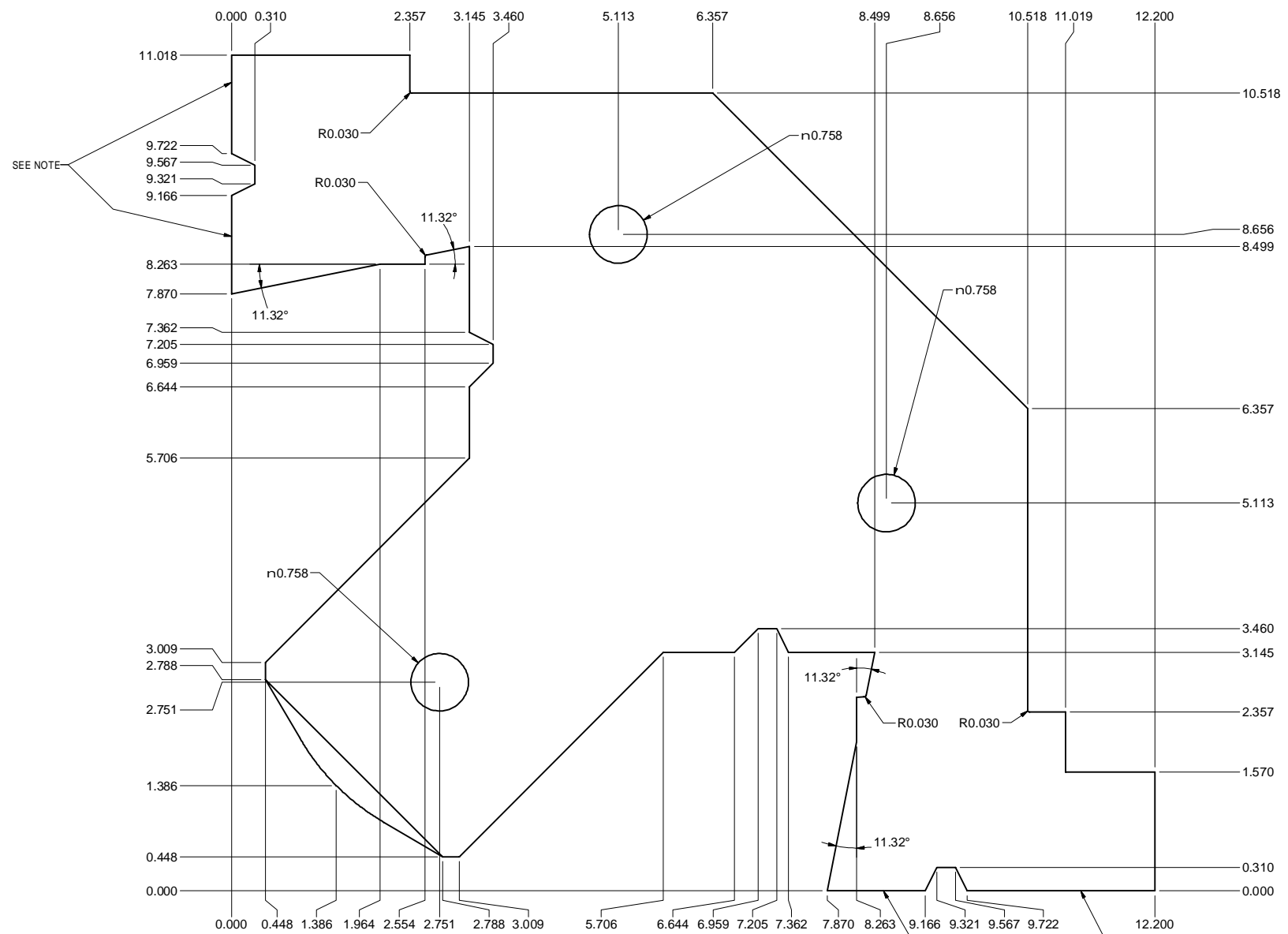
MK1 QUAD LAM. WITH LG. BORE MODS.

FILE NAME: 6041-158
 SHEET NO.: 3
 DFT. SCALE: 1:1
 MATERIAL: 1006 LOW CARBON STEEL - USE EXISTING SPARE LAMINATIONS
 QTY: AS NEEDED
 NOTES: EXISTING LAMINATIONS WILL BE STACKED AND ONLY THE POLE TIP AND NOTED EDGES WILL BE REMACHINED
 ORIGINAL MK1 LAMINATION DWG. IS D-6040-050-01

TO RECREATE A MODEL OF THIS LAMINATION BEFORE THE .005" REMOVAL:
 OPEN FILE CALLED 'Q3QuarterDerived.pt' AND COPY IT WITH AN APPROPRIATE NAME.
 OPEN THAT FILE AND SUPPRESS THE FEATURE THAT REMOVED THE .005" OF MATERIAL FROM THE PART EDGES (PROBABLY THE LAST FEATURE IN THE BROWSER).

ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.	
			QUANTITY					
PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw							
CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 ±.010 .000 ±.005 FRACTIONS ±1/64 ANGLES ±0.5° ALL SURFACES			CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853				
6041-158 SH. NO. 3 OF 10		MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS FOR FAST LUMINOSITY MONITOR AT Q3W						
REV.	CHECKED BY: MAP APPROVED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158 SH. NO. 3 OF 10	REV.	

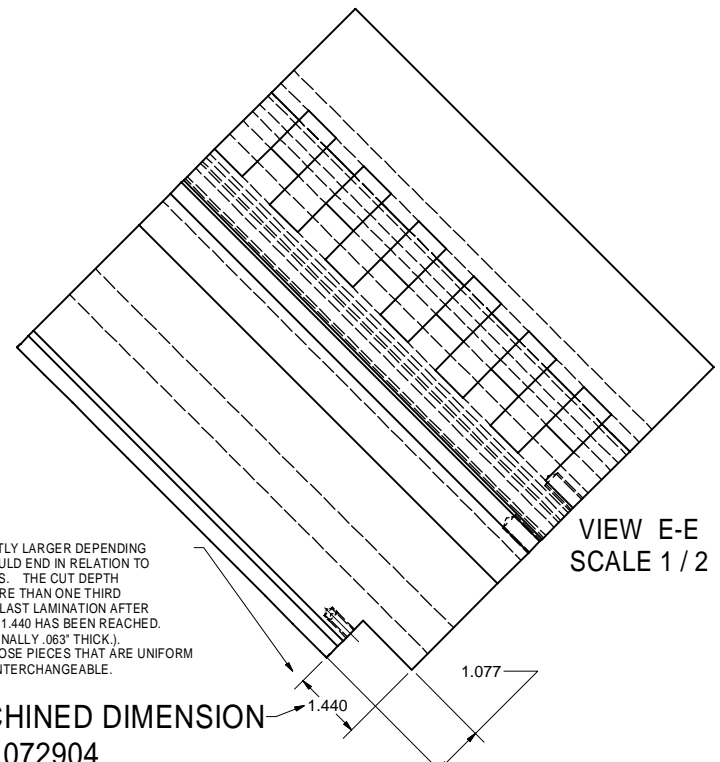
REVISIONS			
SYM.	ZONE	DESCRIPTION	DATE APP.



NOTE: THE DIMENSIONS ON THIS SHEET WERE CREATED AFTER .005" WAS MACHINED FROM THE LEAD EDGES LABELED 'SEE NOTE'.

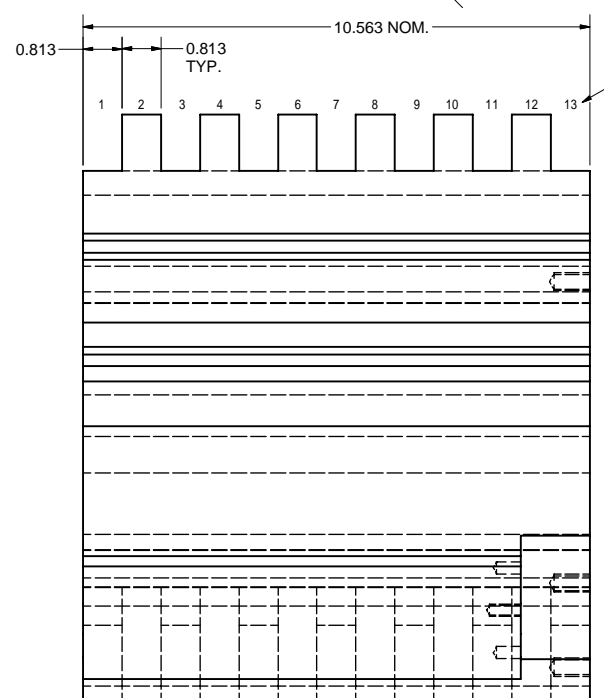
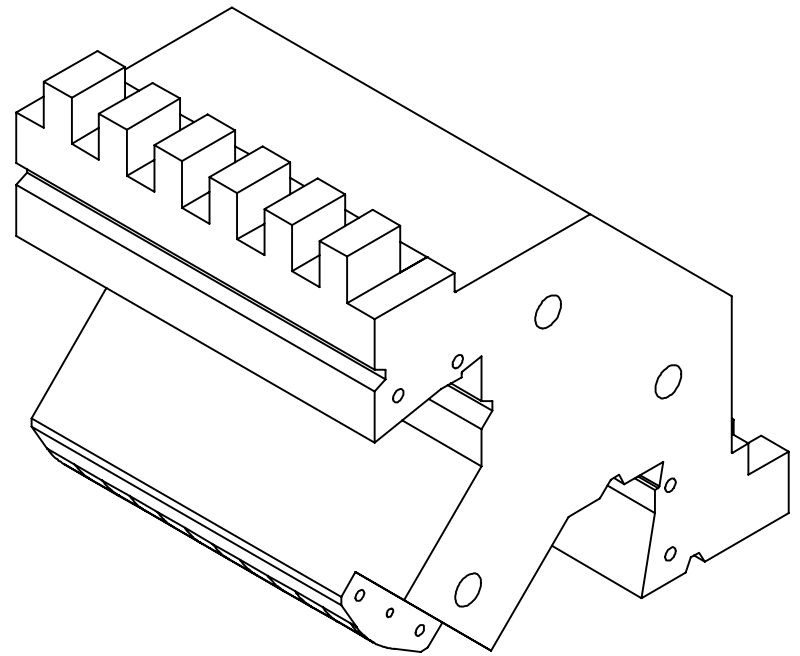
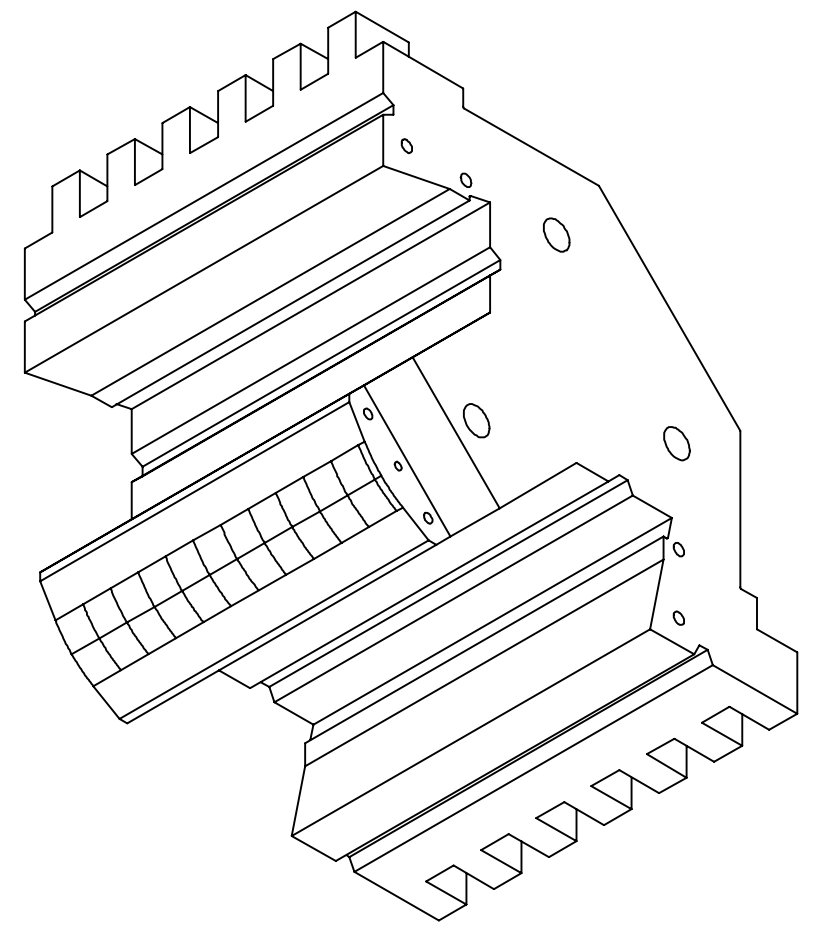
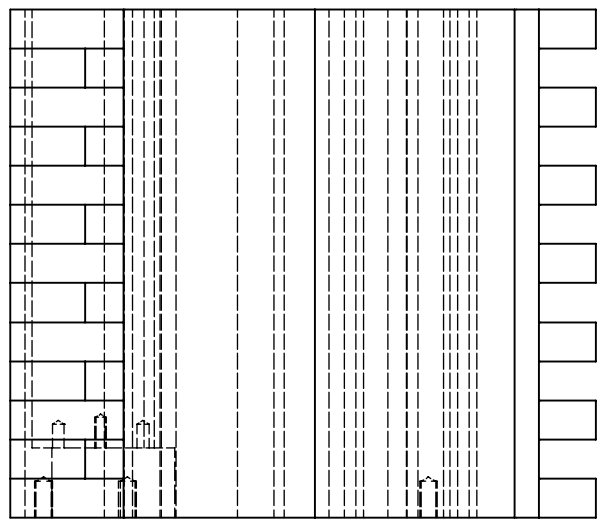
ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw						
D 6041-158 SH. NO. 4 OF 10	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5° ALL SURFACES			CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853		
	MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS LAMINATION WITH ORDINATE DIMENSIONS		CHECKED BY: MAP APPROVED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D

REVISIONS			
SYM.	ZONE	DESCRIPTION	DATE APP.



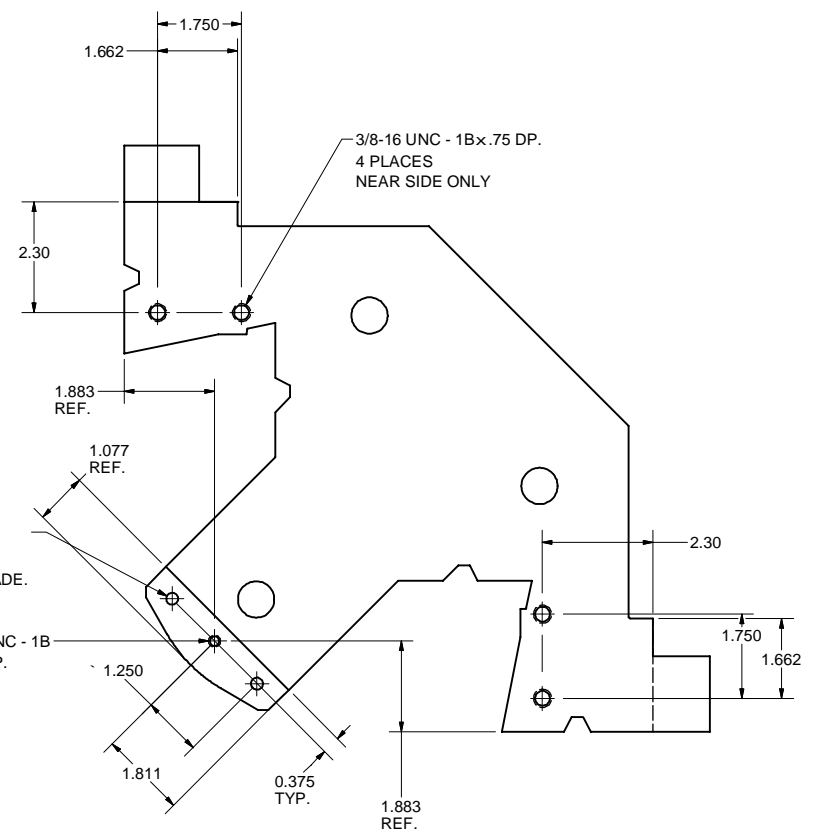
THIS DIM. MAY BE SLIGHTLY LARGER DEPENDING ON WHERE THE CUT WOULD END IN RELATION TO THE GLUED LAMINATIONS. THE CUT DEPTH SHOULD EXTEND NO MORE THAN ONE THIRD THE THICKNESS OF THE LAST LAMINATION AFTER THE MINIMUM DEPTH OF 1.440 HAS BEEN REACHED. (LAMINATIONS ARE NOMINALLY .063" THICK.). THE INTENT IS TO USE NOSE PIECES THAT ARE UNIFORM IN SIZE AND ARE THUS INTERCHANGEABLE.

FINAL MACHINED DIMENSION IS 1.450" -- 072904



13 ALTERNATING STACKS OF 13 LAMINATIONS EACH (LAMINATIONS ARE .0625 THK. NOM.)

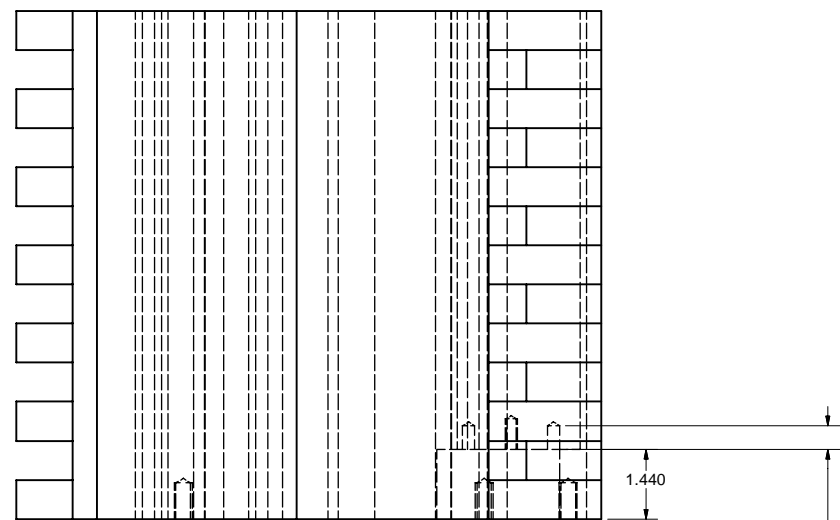
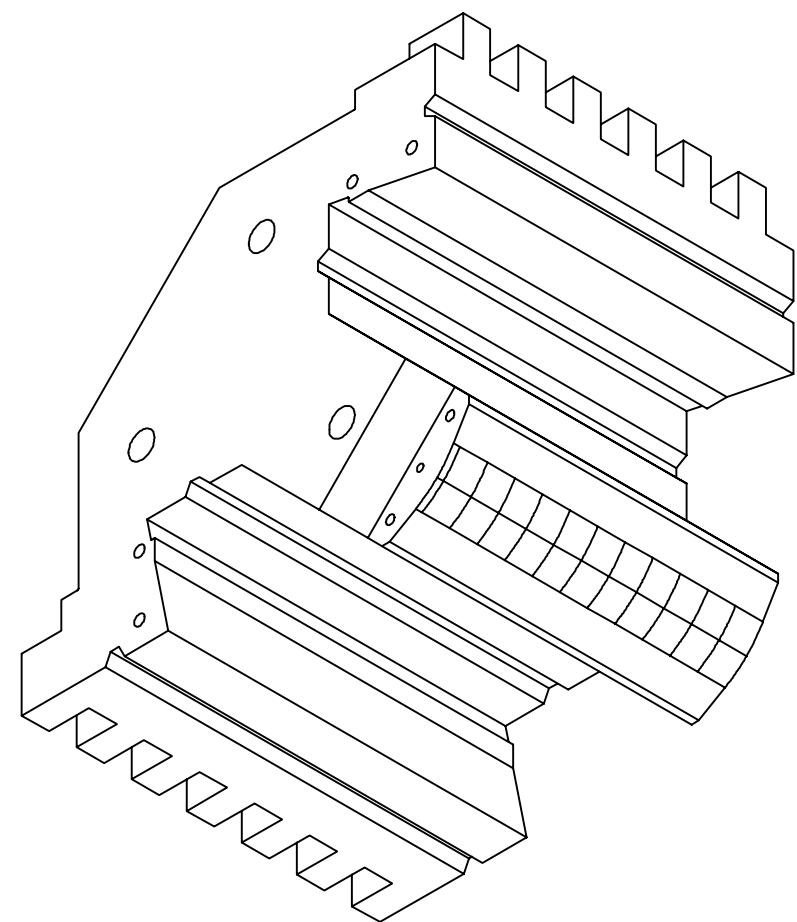
n0.250 x 0.500
2 PLACES
AFTER 1.440 CUT HAS BEEN MADE.



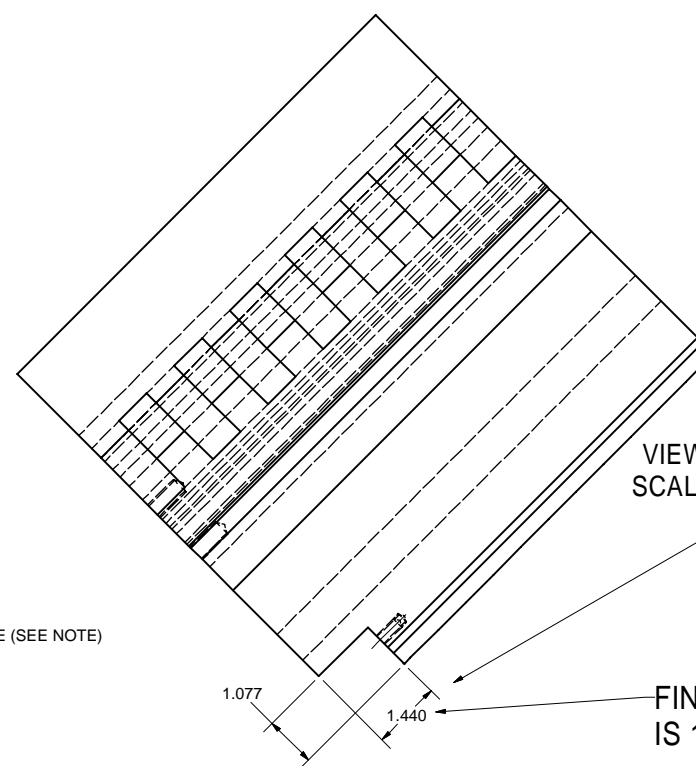
2 BLOCK 'A'
FILE NAME: 6041-158
SHEET NO.: 5
DFT. SCALE: .5:1
MATERIAL: 1006 LOW CARBON STEEL LAMINATIONS
QTY: 4 PER ASM.
NOTES: SEE MARK PALMER - LEPP, FOR SPECIFIC FABRICATION AND ASSEMBLY INFORMATION REGARDING THIS PART
ALSO SEE SH.3 FOR STACKING DETAILS

ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw						
6041-158 SH. NO. 5 OF 10	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5° ALL SURFACES				CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853	
	MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS ENDPACK MACHINING - BLOCK 'A'						
CHECKED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158 SH. NO. 5 OF 10		REV.
APPROVED BY: MAP							

REVISIONS			
SYM.	ZONE	DESCRIPTION	DATE APP.



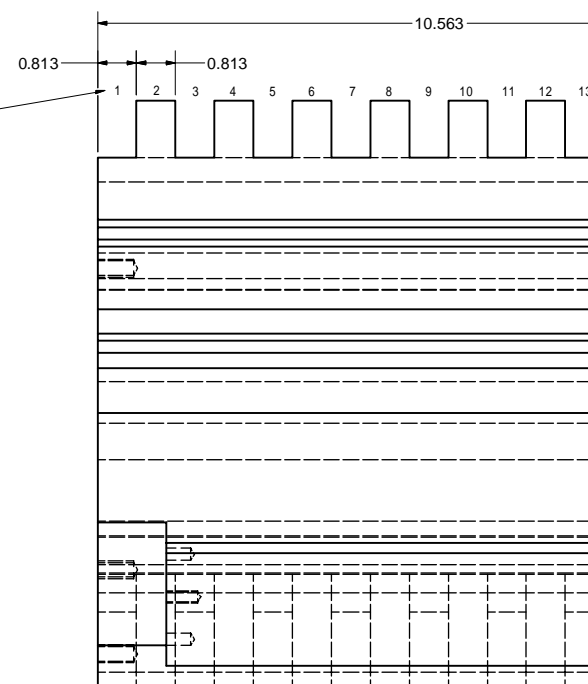
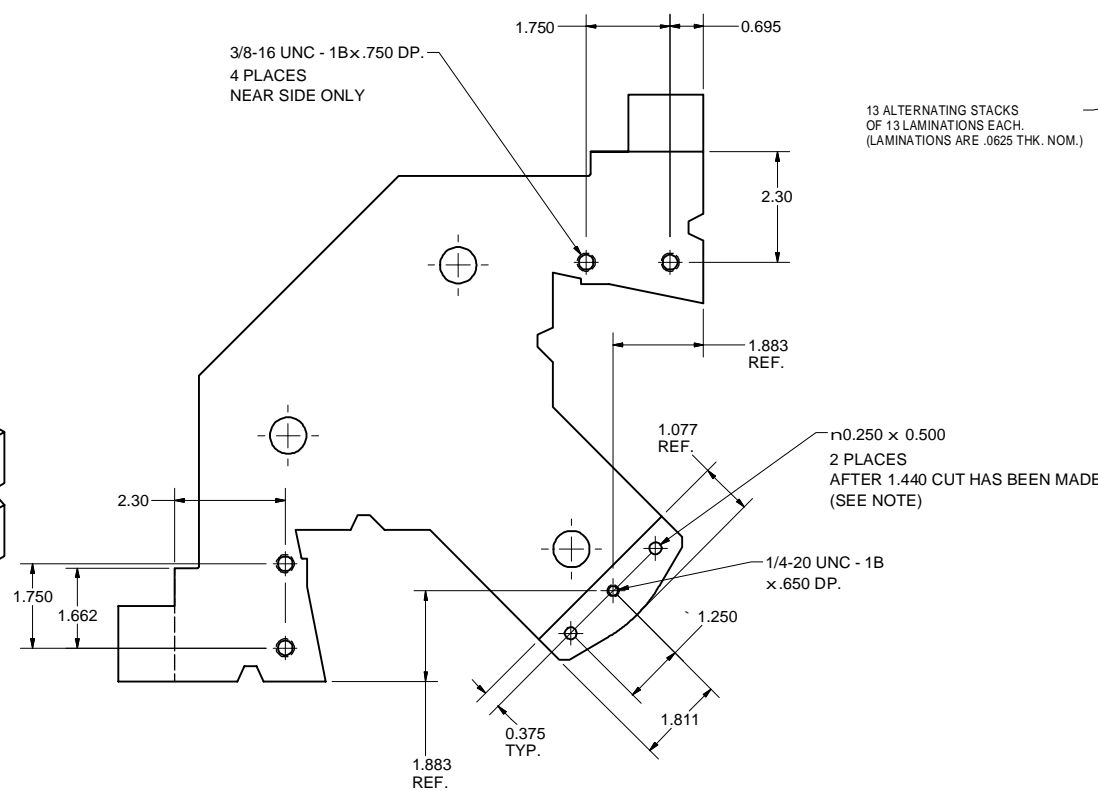
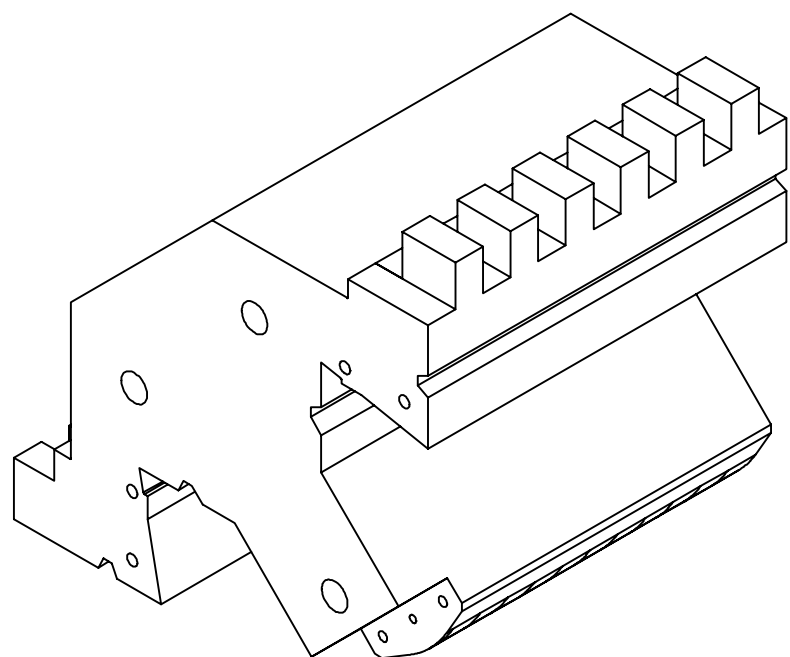
0.500 AFTER 1.440 CUT IS MADE (SEE NOTE)



VIEW F-F
SCALE 1/2

THIS DIM. MAY BE SLIGHTLY LARGER DEPENDING ON WHERE THE CUT WOULD END IN RELATION TO THE GLUED LAMINATIONS. THE CUT DEPTH SHOULD EXTEND NO MORE THAN ONE THIRD THE THICKNESS OF THE LAST LAMINATION AFTER THE MINIMUM DEPTH OF 1.440 HAS BEEN REACHED. (LAMINATIONS ARE NOMINALLY .063" THICK) THE INTENT IS TO USE NOSE PIECES THAT ARE UNIFORM IN SIZE AND ARE THUS INTERCHANGABLE.

FINAL MACHINED DIMENSION IS 1.450" -- 072904



6 BLOCK 'B'
 FILE NAME: 6041-158
 SHEET NO.: 6
 DFT. SCALE: .5:1
 MATERIAL: 1006 LOW CARBON STEEL LAMINATIONS
 QTY: 4 PER ASM.
 NOTES: SEE MARK PALMER - LEPP, FOR SPECIFIC FABRICATION AND ASSEMBLY INFORMATION REGARDING THIS PART. ALSO SEE SH.3 FOR STACKING DETAILS.

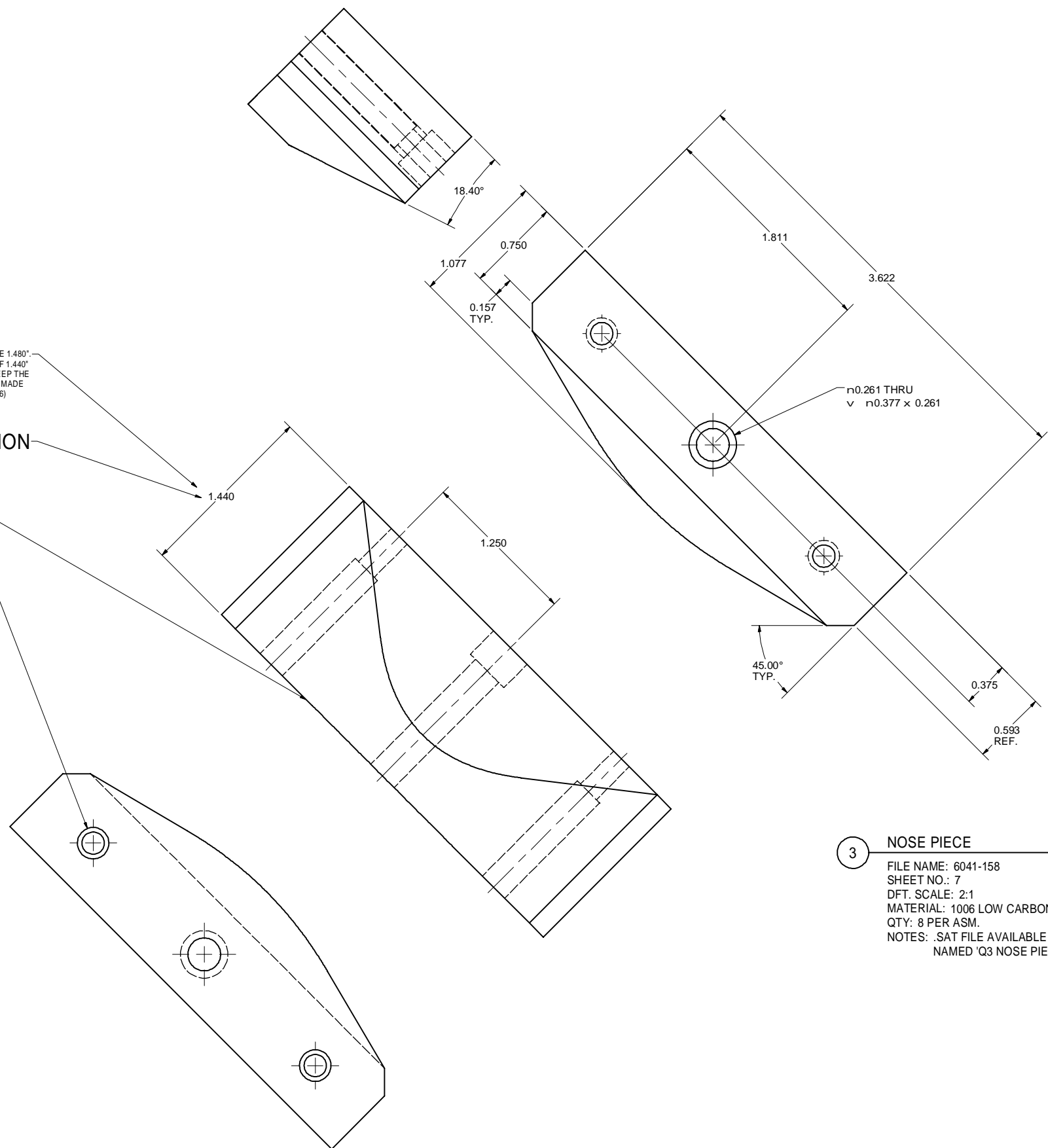
ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw						
6041-158 SH. NO. 6 OF 10	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5 ALL SURFACES			CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853		
	MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS ENDPACK MACHINING - BLOCK 'B'						
CHECKED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158 SH. NO. 6 OF 10		REV.
APPROVED BY: MAP							

REVISIONS				
SYM.	ZONE	DESCRIPTION	DATE	APP.

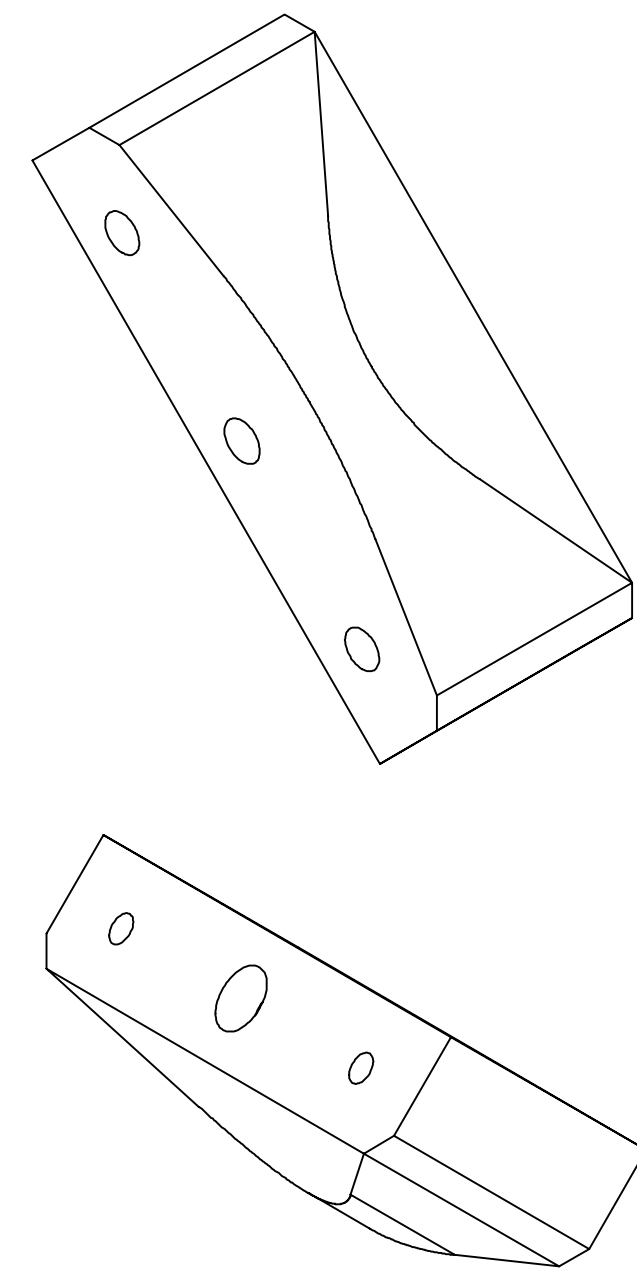
FINAL MACHINED DIMENSION IS 1.450" -- 072904 OFF THIS SURFACE

THIS DIMENSION SHOULD INITIALLY BE 1.480". IT WILL BE TRIMMED TO A MINIMUM OF 1.440" WHEN IT IS KNOWN EXACTLY HOW DEEP THE NOSE PIECE SEATING CUT HAS BEEN MADE IN BLOCKS 'A' AND 'B' (SHEETS 5 AND 6)

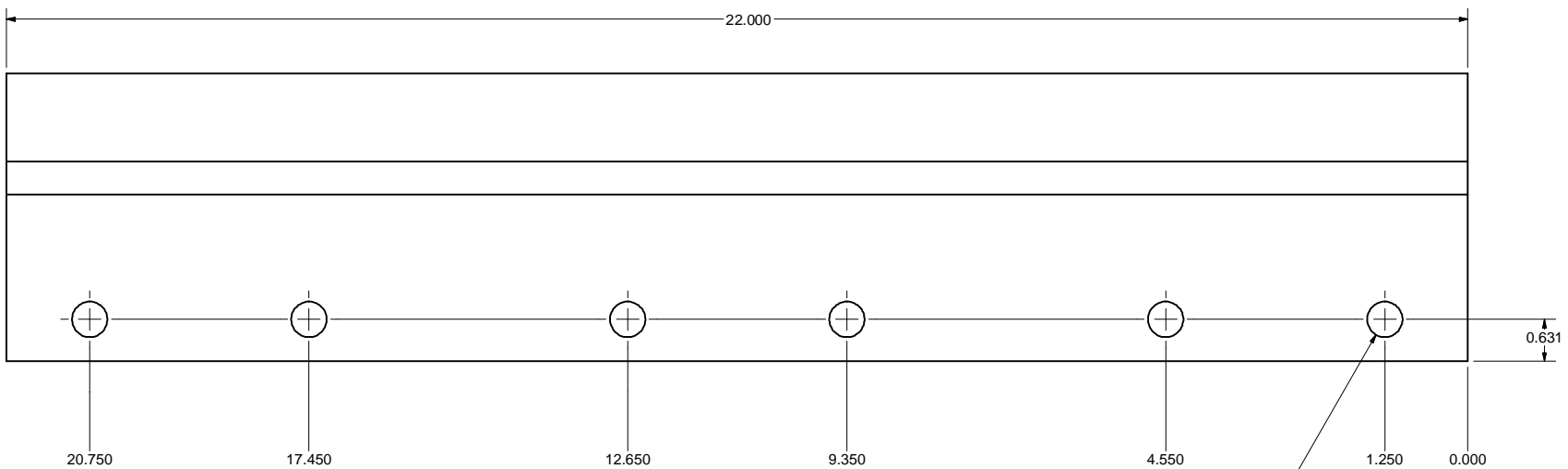
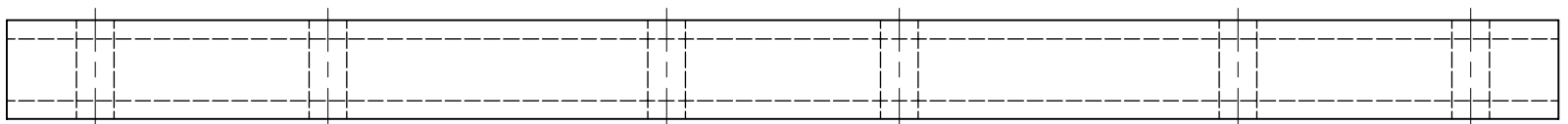
n0.177 THRU
 v n0.250 x 1.070
 2 PLACES
 C'BORE OPERATIONS DONE AFTER FINAL MACHINING TO 1.450"



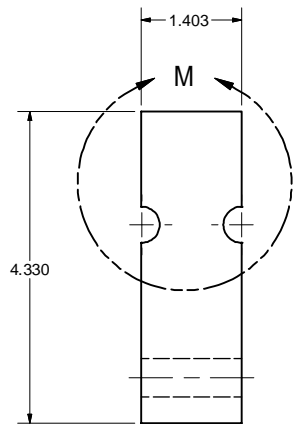
3 NOSE PIECE
 FILE NAME: 6041-158
 SHEET NO.: 7
 DFT. SCALE: 2:1
 MATERIAL: 1006 LOW CARBON STL.
 QTY: 8 PER ASM.
 NOTES: .SAT FILE AVAILABLE TO SHOP NAMED 'Q3 NOSE PIECE'



ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
PRINT DISTR.	6041-158	CR-1	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw			CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 ± .010 .000 ± .005 FRACTIONS ± 1/64 ANGLES ± 0.5° ALL SURFACES					CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853		
MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS NOSE PIECE MACHINING		CHECKED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158 SH. NO. 7 OF 10
APPROVED BY: MAP							



∅0.531 THRU
6 PLACES

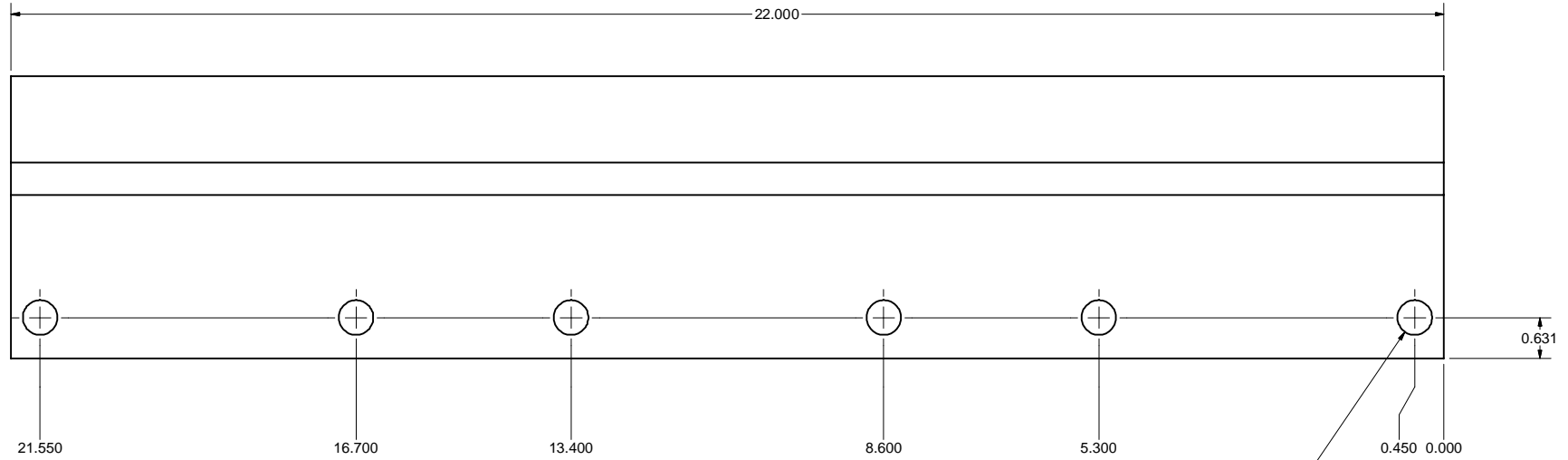
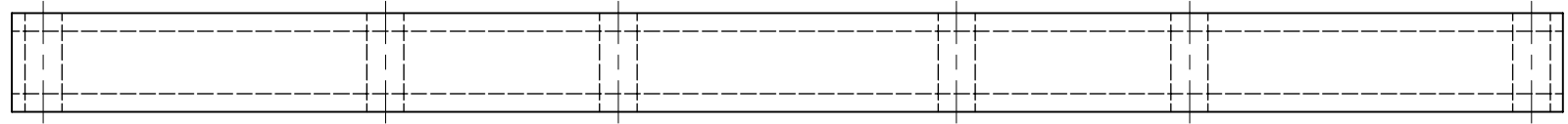
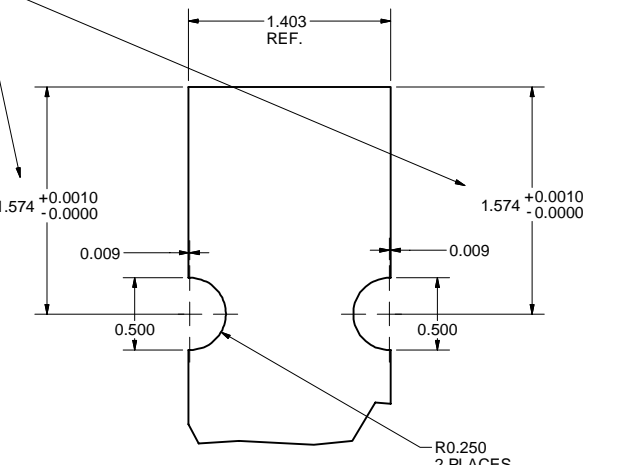


7

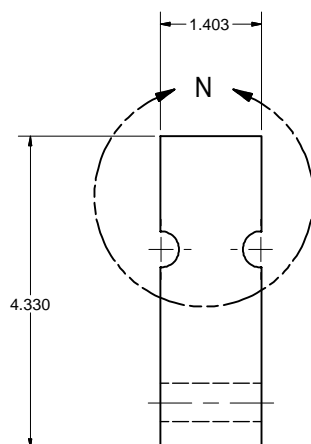
SPACER 061504
 FILE NAME: 6041-158
 SHEET NO.: 8
 DFT. SCALE: .75:1
 MATERIAL: 1006 LOW CARBON STEEL
 QTY: 2 PER ASM.
 NOTES:

DETAIL M
 SCALE 1.50 : 1

CARE MUST BE TAKEN TO ACHIEVE STATED TOLERANCE



∅0.531 THRU
6 PLACES

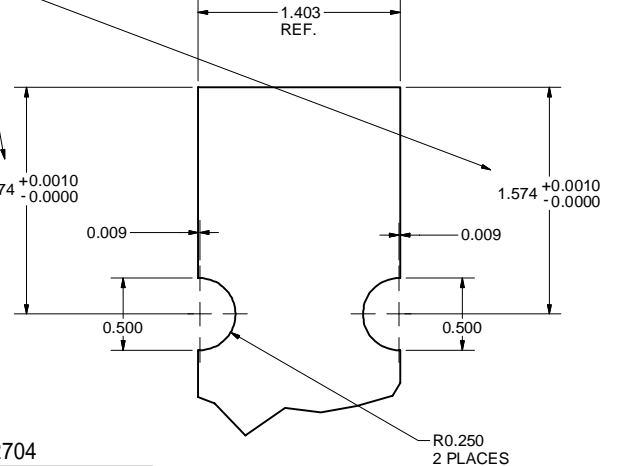


19

SPACER 072704
 FILE NAME: 6041-158
 SHEET NO.: 8
 DFT. SCALE: .75:1
 MATERIAL:
 QTY: 2 PER ASM.
 NOTES:

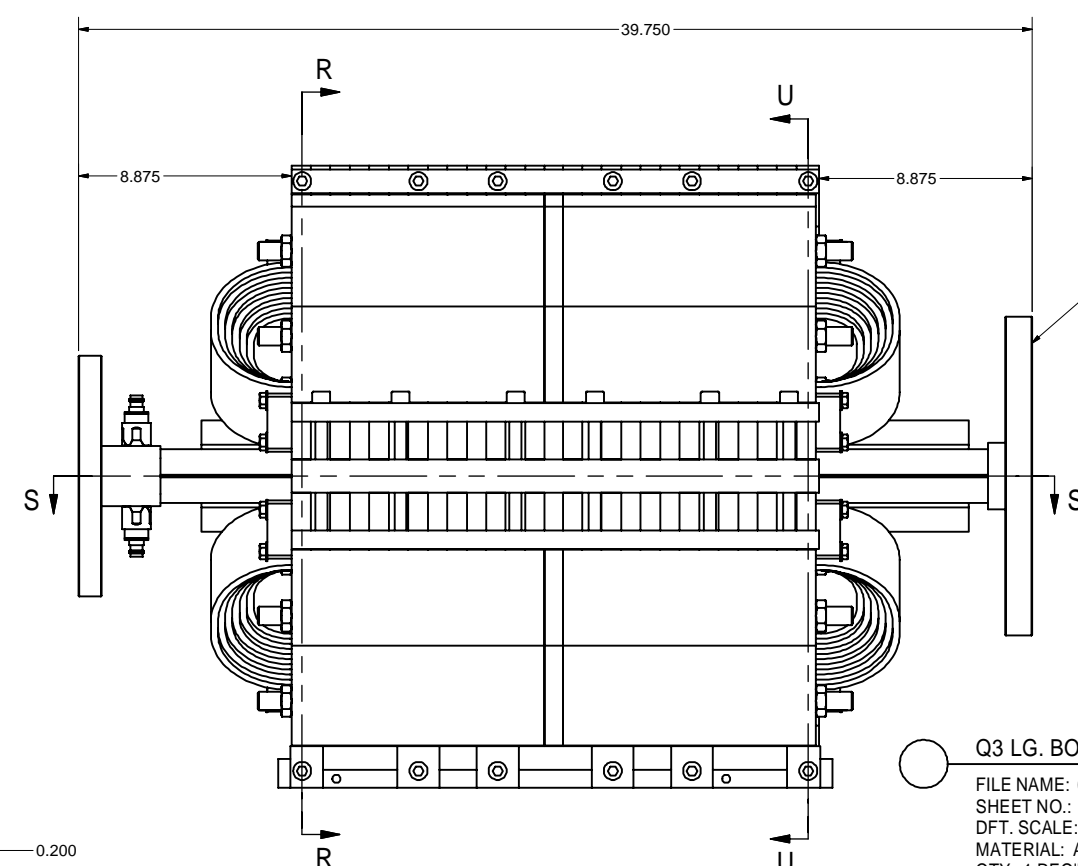
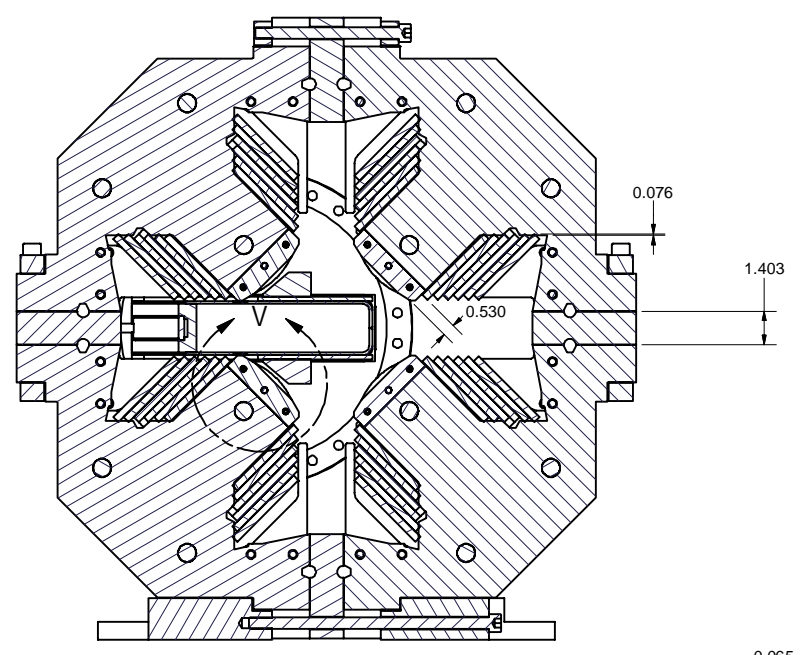
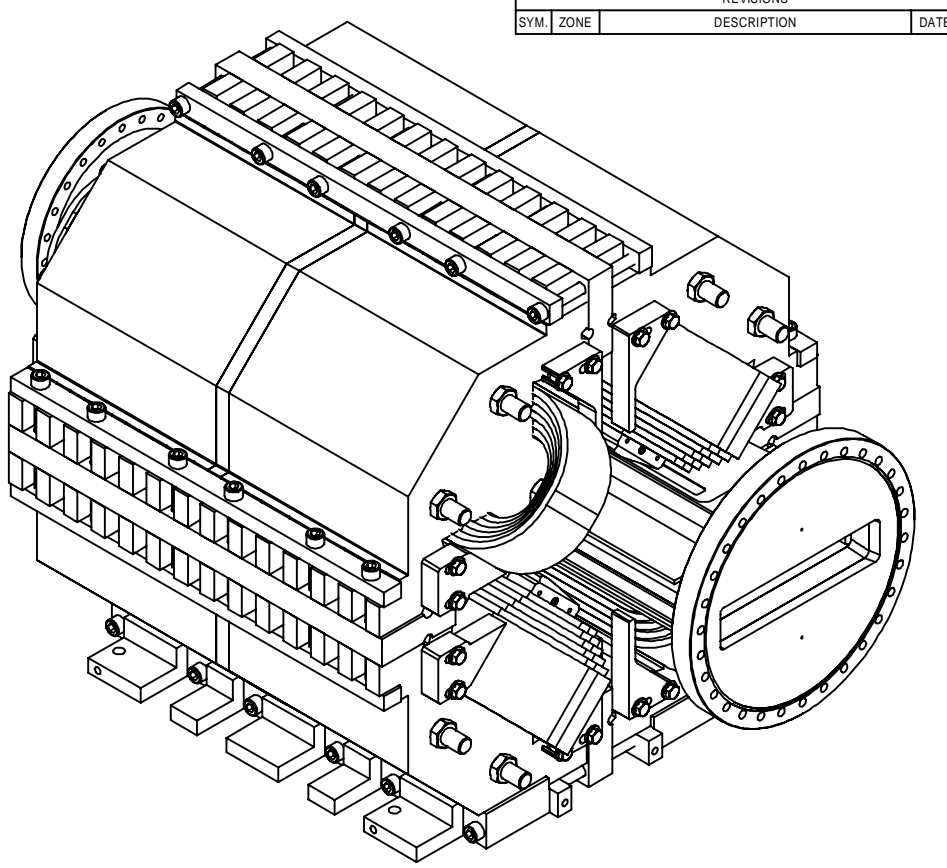
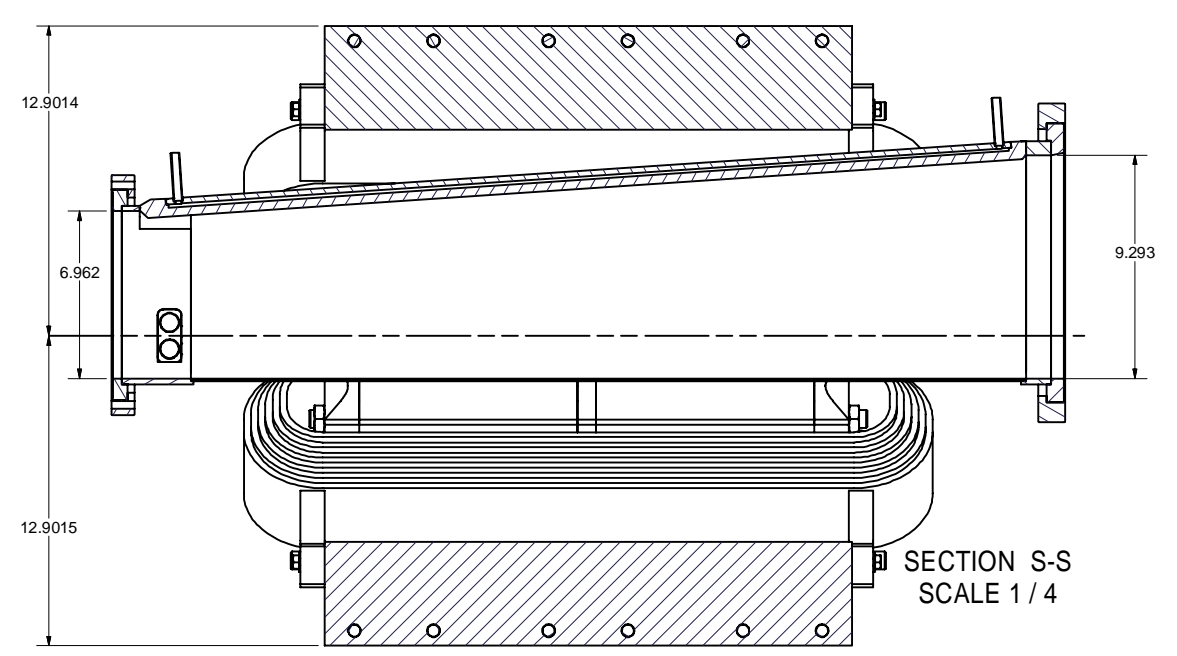
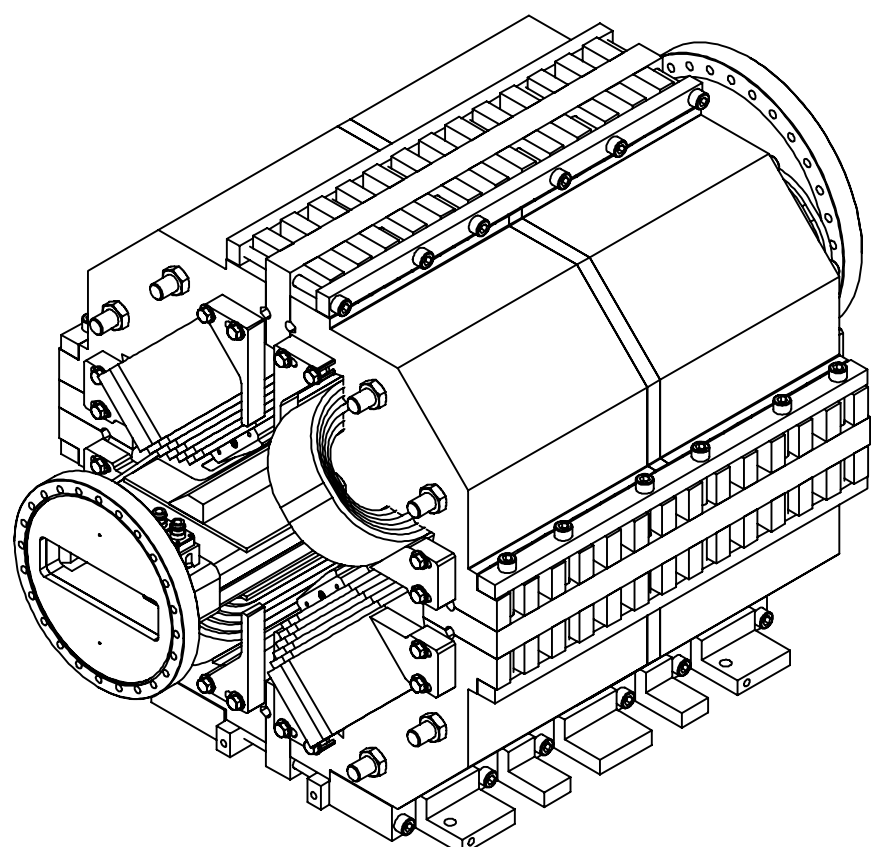
DETAIL N
 SCALE 1.50 : 1

CARE MUST BE TAKEN TO ACHIEVE STATED TOLERANCE

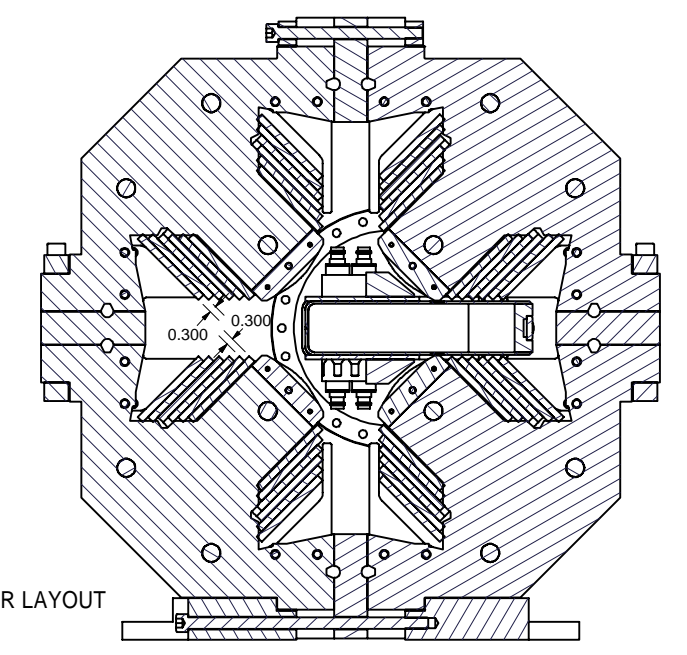


REV.	PRINT DISTR.	ITEM	DWG. NO.	DESCRIPTION	QUANTITY			REMARKS	REV.
					G1	G2	G3		
6041-158	CR-1			UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5° ALL SURFACES				CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853	
				MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS SPACERS, DETAILS					
				CHECKED BY: MAP APPROVED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158 SH. NO. 8 OF 10

REVISIONS		DATE	APP.
SYM.	ZONE	DESCRIPTION	



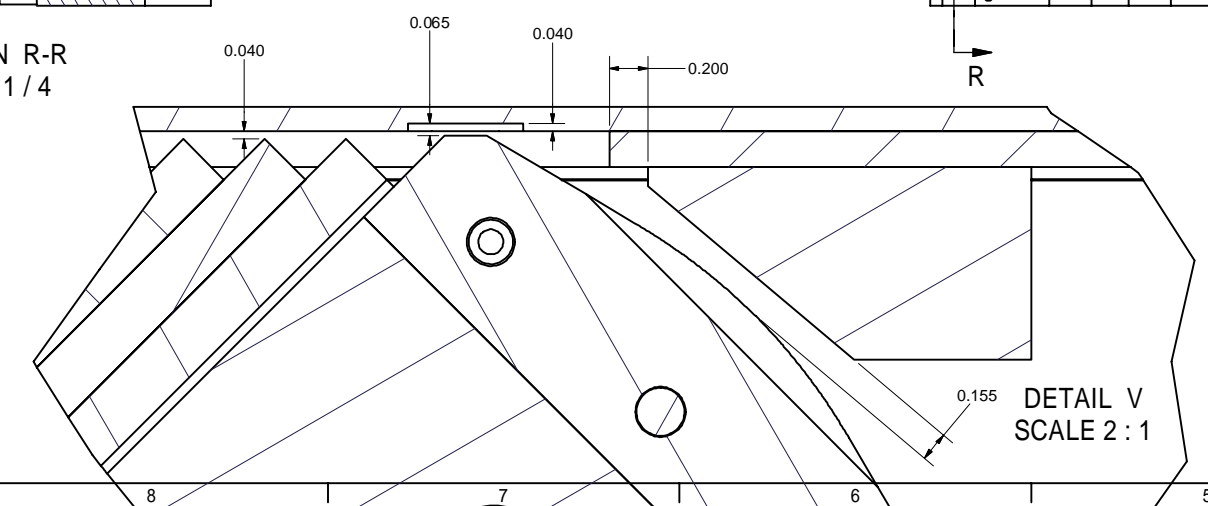
6046-323



Q3 LG. BORE MAG. + VAC. CHAMBER LAYOUT
 FILE NAME: 6041-158
 SHEET NO.: 9
 DFT. SCALE: .25:1
 MATERIAL: AS NOTED
 QTY: 1 REQD
 NOTES:

SECTION R-R
SCALE 1/4

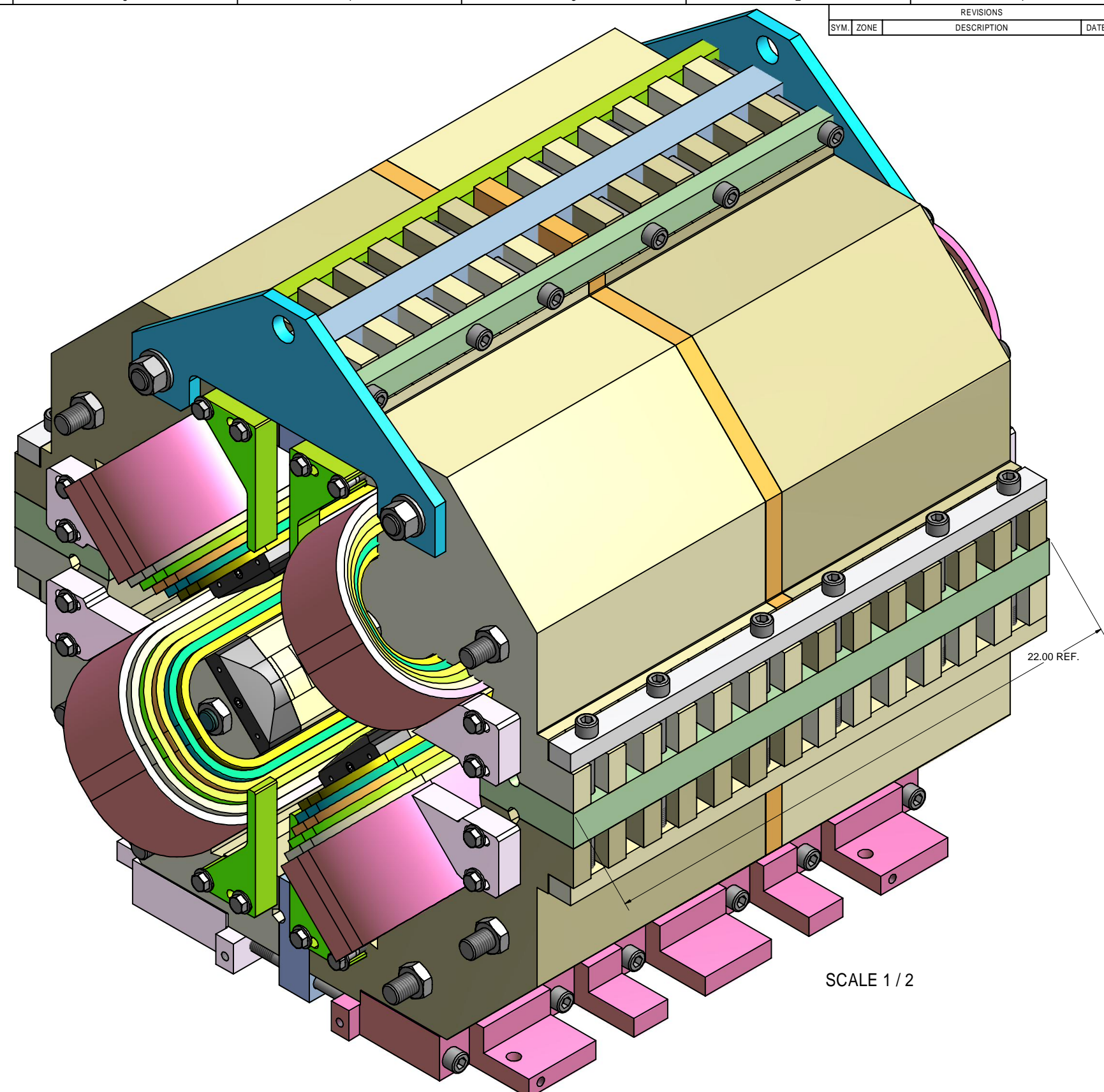
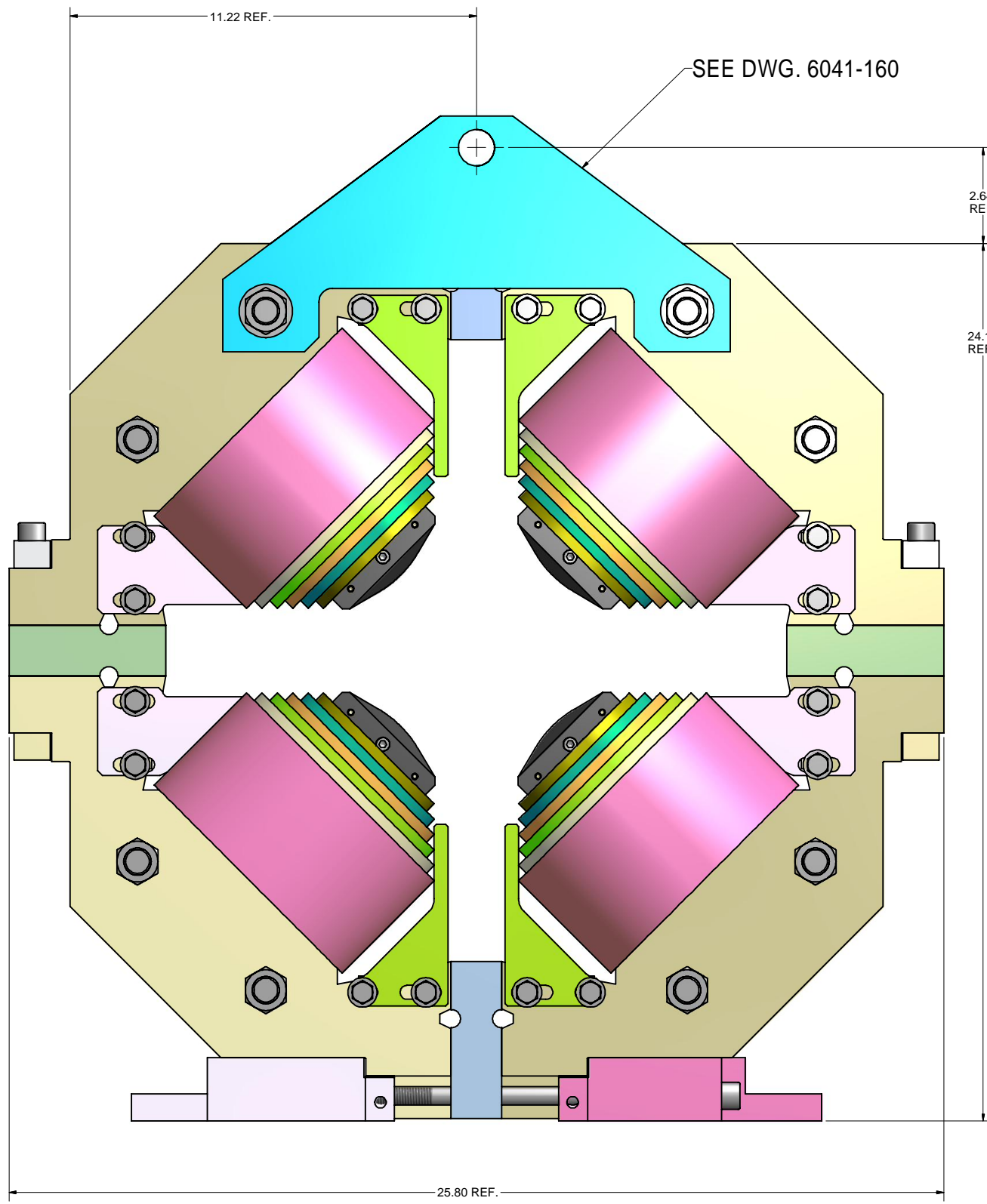
SECTION U-U
SCALE 1/4



DETAIL V
SCALE 2:1

ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw						
6041-158 SH. NO. 9 OF 10	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5° ALL SURFACES			CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853		
	MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS Q3 LARGE BORE MAGNET AND VACUUM CHAMBER LAYOUT						
CHECKED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158 SH. NO. 9 OF 10		REV.
APPROVED BY: MAP							

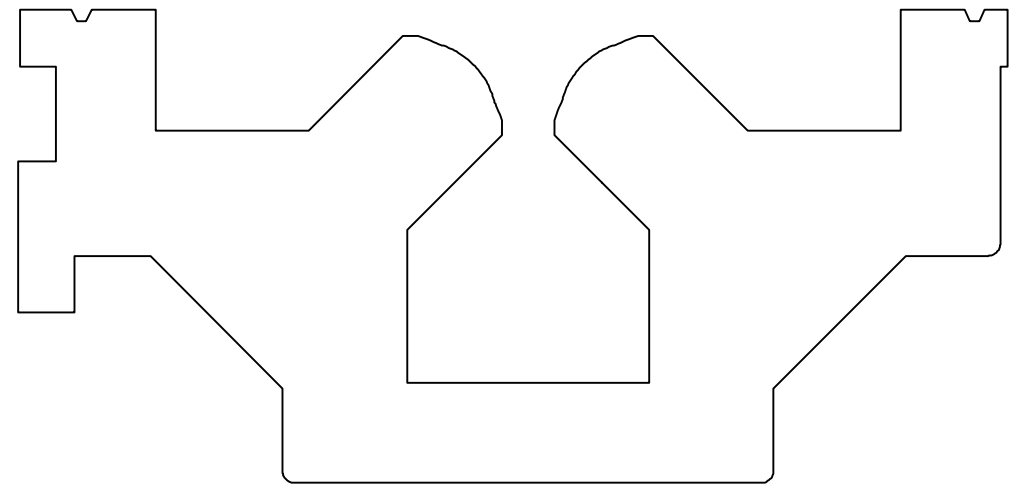
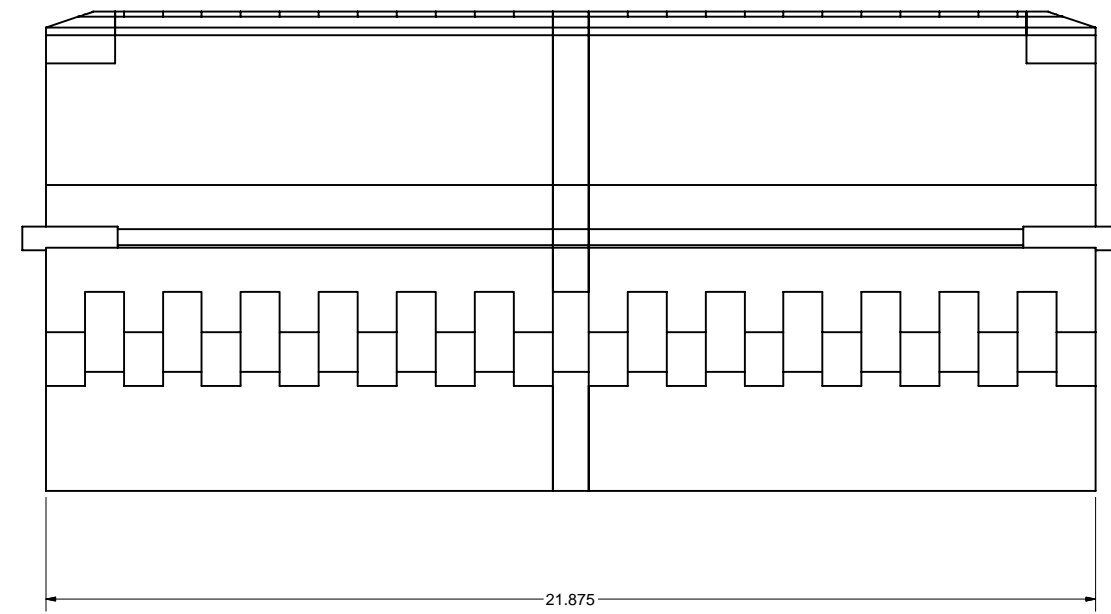
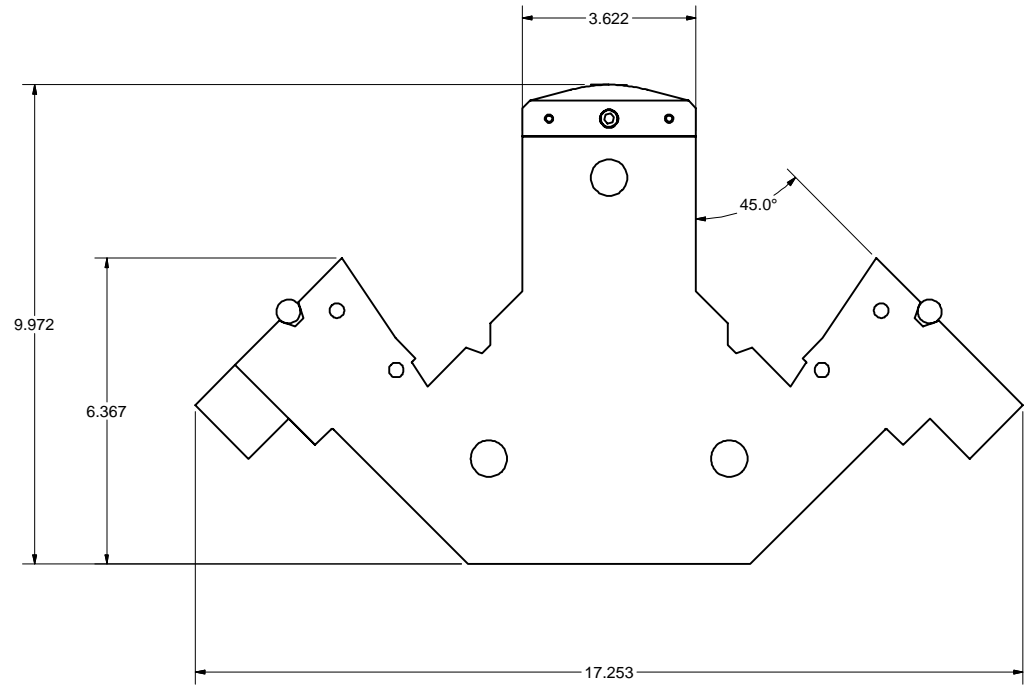
SYM.		ZONE		REVISIONS		DATE	APP.
				DESCRIPTION			



SCALE 1 / 2

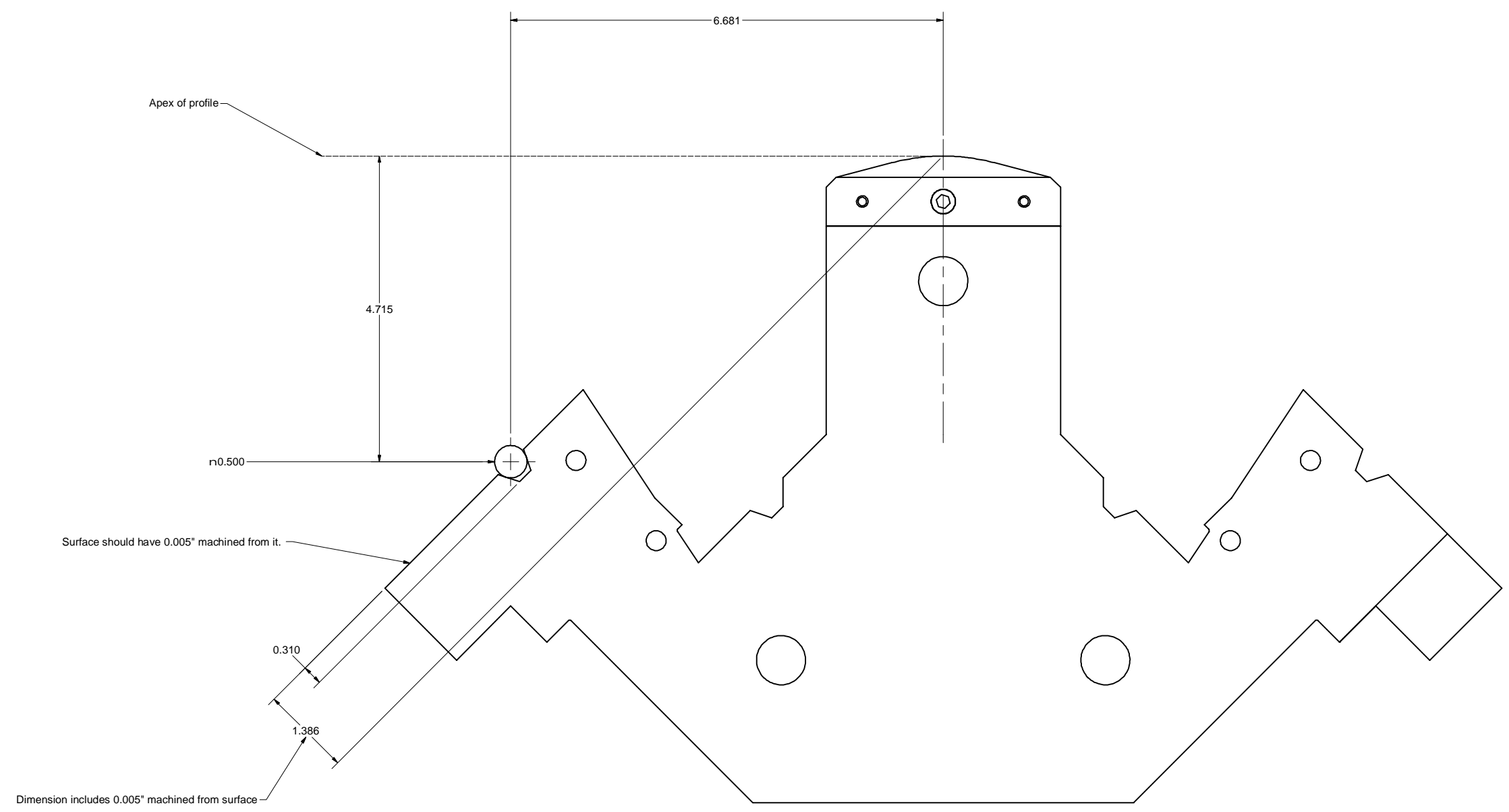
ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
D	PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw					
6041-158	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5° ALL SURFACES			CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853		
		MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS ASM. WITH RIGGING FIXTURES IN PLACE					
	CHECKED BY: MAP APPROVED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158 SH. NO. 10 OF 10	REV.

REVISIONS			
SYM.	ZONE	DESCRIPTION	DATE APP.



ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw						
REV. 6041-158 OF 10	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 - .010 .000 - .005 FRACTIONS - 1/64 ANGLES - 0.5° ALL SURFACES			CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853		
	MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS		CHECKED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D
APPROVED BY: MAP							

REVISIONS			
SYM.	ZONE	DESCRIPTION	DATE APP.



ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
PRINT DISTR.	PLOT DATE: 10/30/2004 CAD FILE NAME: 6041-158.idw						
CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 ± .010 .000 ± .005 FRACTIONS ± 1/64 ANGLES ± 0.5° ALL SURFACES ✓	 CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853 LABORATORY FOR ELEMENTARY PARTICLE PHYSICS					MK1 QUAD LAMINATION WITH LARGE BORE MODIFICATIONS
CHECKED BY: MAP	DRAWN BY: TMK	DRAWN FOR: M.PALMER	DATE: 6/2/2004	SCALE: D	6041-158	REV.	REV.
APPROVED BY: MAP					SH. NO. OF 10		