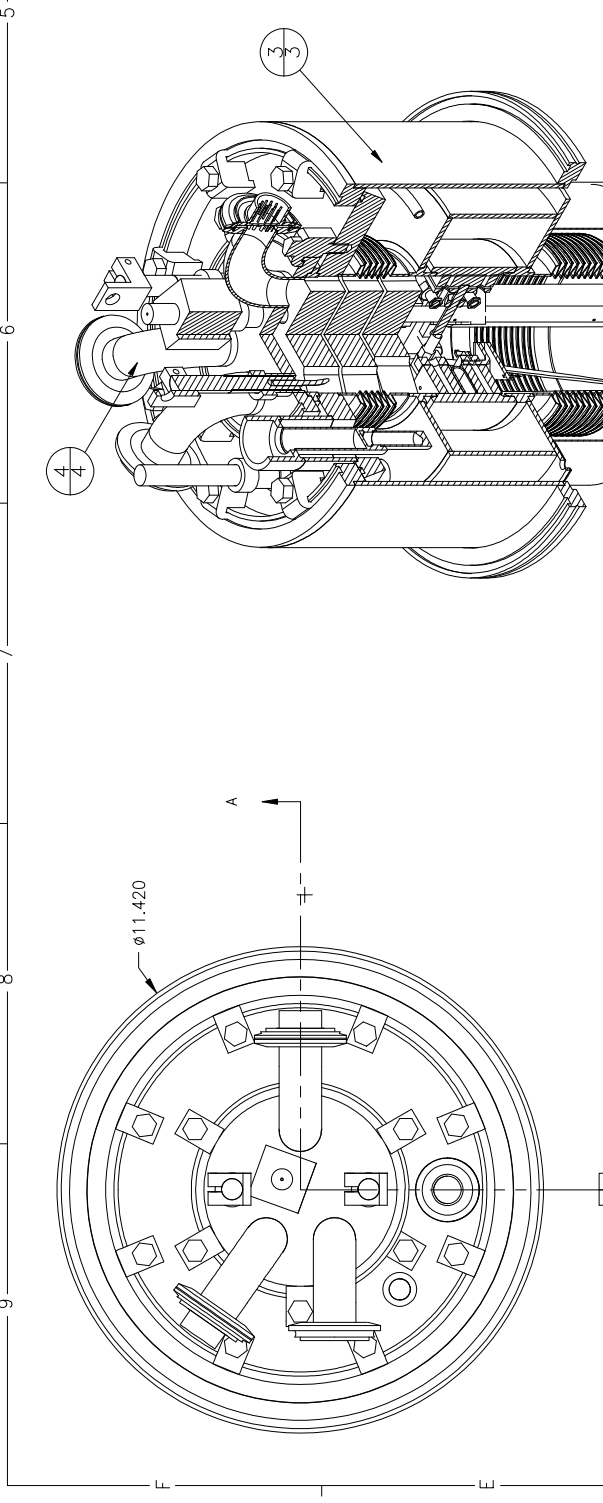


REV.	NAME FOR #14, #53, #54, ADDED #81	DATE	ZONE	YH	SM	DESCRIPTION	DATE
E	REVISED #53, #54, #81, #86, #90, #91	10/2/02	A	10/17/02	YH	CHANGED TITLE NAME, T/MK	1/3/02
F	REVISED #14, #53, #54, #81, #86, #90, #91	10/17/02	A	11/29/02	TOC	MAJOR REVS. FOR PROJECT PRODUCTION	TMK 8/6/02 MWKMG
G	Clarified quantities for parts #15, #65, #79	11/29/02	B			GENERAL PARTS LIST REVISIONS, D.M.E.	8/27/02
H	REPLACED #59, #65, ADDED #92, #93, #94 & #95	2/28/03	C	2/28/03	YH	CHANGED TITLE NAME FOR ITEM #82.	9/17/02

ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REV.
47	6070-008-16	CURR. LEAD BOT CONNECTOR	2	
46	6070-008-15	G10 PLATE	1	
45	6070-008-14	LEVEL SENSOR HOUSING TUBE	1	SUPPLIED
44	6070-008-14	LHe LEVEL SENSOR	1	PURCHASED
43	6070-008-14	ISO KF NW40 BLANK FLANGE	2	MDC NW40 #712002
42	6070-008-14	O-RING GODDARD, 1/2" BORE	3	GODDARD OR EQUIV. S-50-P, 4A-2000-S8
41	6070-008-14	26PIN FEEDTHRU K150	2	PURCHASED
40	6070-008-14	O-RING & HOLDER NW40	3	MDC NW40 #710002
39	6070-008-16	G10 SPREADER FOR TRIM	1	
38	6070-008-14	ISO KF FLANGE NW40 1" BORE	3	MDC NW40 #713015
37	6070-008-14	1" O.D. ELBOW	3	MDC NW40 #403541
36	6070-008-14	STACK COVER NW100	1	
35	6070-008-13	STACK OUTER JACKET BOT FLG	1	MKS ISO KF-NW250 BORED
34	6070-008-13	STACK OUTER JACKET CYLINDER	1	
33	6070-008-13	STACK OUTER JACKET TOP FLG	1	
32	6070-008-09	BRAZING ADAPT RING BOT	1	PURCHASED
31	6070-008-12	1/2" OD TUBE x 1.46 LG.	1	
30	6070-008-12	BAYONET, 1.5"O.D.x .12 WALL TUBE	1	
29	6070-008-12	3" BAYONET	1	CRYOCOMP #CB702-SF3 OR EQUIV.
28	6070-008-11	BELLOWS	1	PURCHASE MINI-FLEX
27	6070-008-11	LN INPUT TUBE	1	
26	6070-008-08	1-1/3" FLG 1/4" BORE TAP ROT.	1	MDC F133025 OR EQUIV.
25	6070-008-10	LN POT BOTTOM DISK	1	
24	6070-008-09	LN POT INNER CYLINDER	1	
23	6070-008-09	LN POT OUTER CYLINDER	1	
22	6070-008-09	LN POT BRAZING ADAPT RING	1	
21	6070-008-10	LN POT TOP DISK	1	
20	6070-008-11	LN OUTPUT TUBE	1	
19	DELETED			
18	6070-008-18	CLAW CLAMP	14	PURCHASE
17	6070-008-02	LN SENSOR	1	AM MODEL 185 OR EQUIV.
16	6070-008-12	BAYONET SUB-ASSEMBLY	1	
15	6070-008-18	SS STRING	3	
14	6070-008-07	CF 6" ROT FLANGE 4" BORE	1	PURCHASED
13	6070-008-02	3/8" O.D. TUBE x 1.48" LG.	1	
12	6070-008-02	1-1/3" FLG 3/8" BORE TAP ROT.	1	MDC F133025 OR EQUIV.
11	6070-008-07	STACK INNER JACKET 4" TUBE	1	
10	6070-008-07	BELLOWS 475-375-2-EE	1	STD-BELLOWS #475-375-2-EE OR EQUIV.
9	6070-008-08	LN POT SUB-ASSEMBLY	1	
8	6070-008-07	BELLOWS 475-375-1-EE	1	STD-BELLOWS #475-375-1-EE OR EQUIV.
7	6070-008-06	STACK INNER JACKET TOP FLG	1	
6	6070-008-07	NW100 O-RING HOLDER	1	MDC L400-CR OR EQUIV.
5	6070-008-05	LN INTERCEPT SUB-ASSEMBLY	1	X
4	6070-008-04	STACK COVER SUB-ASSEMBLY	1	X
3	6070-008-03	STACK OUTER JACKET SUBASSM	1	X
2	6070-008-02	STACK INNER JACKET SUBASSM	1	X
1	6070-008-01	LHe STACK ASSEMBLY	X	

80 6070-008-02 VITON O-RING
79 6070-008-18 SS WASHER
78 6070-008-18 G-10 SHIELD
77 6070-008-17 TEMPERATURE SENSOR
76 6070-008-17 TEMP. SENSOR BLOCK
75 6070-008-17 TEMPERATURE SENSOR, SUB-ASM.
74 6070-008-17 ROUND CONNECTION
73 6070-008-17 GROOVED CONNECTION
72 6070-008-17 DELRIN STRAIN RELIEF
71 6070-008-17 L BRACKET
70 6070-008-18 STACK SHIELD
69 6070-008-16 CURRENT LEAD COPPER BLOCK
68 6070-008-16 CURRENT LEAD COPPER BAR
67 6070-008-02 5/16-18 SST BOLT x 1.25 LG.
66 6070-008-02 1/4-20UNC NUT
65 6070-008-18 1/4-20UNC x 0.6 LG. -SST
64 6070-008-14 CONTROL CONNECTOR FEEDTHRU
63 6070-008-14 CONTROL CONNECTOR FLANGE
62 6070-008-18 MODIFIED GODDARD, 1/2" BORE
61 6070-008-16 CURRENT LEAD WIRE
60 6070-008-16 CURRENT LEAD WIRE SUBASSM
59 6070-008-16 INSTRU. CABLES CLAMP
58 6070-008-15 TRIM LEAD LN INTER. BLOCK
57 6070-008-15 CURRENT LEAD LN INTER. BLK
56 6070-008-05 BRAID
55 6070-008-16 CURRENT LEAD TOP CLAMP
54 6070-008-16 G10 SPREADER
53 6070-008-15 SPREADER STUD-01
52 6070-008-05 #6-32 ROD x 2.5" LG.
51 6070-008-16 CURRENT LEAD
50 INSTRUMENTATION CABLES
49 6070-008-05 TRIM LEAD
48 6070-008-16 CURRENT LEAD BOT CLAMP



95 6070-008-17 MAIN LEAD CLAMP
94 6070-008-05 FOAM BLOCK 1
93 6070-008-14 LEVEL SENSOR FEEDTHRU
92 6070-008-17 G10 DIVIDER
91 6070-008-19 NUT 1/4-28
90 6070-008-19 BOLT 1/4-28 x 3/4
89 6070-008-19 NUT 5/16-24
88 6070-008-19 BOLT 5/16-24 x 2 LG.
87 6070-008-19 CF 1 1/3" BLANK FLANGE
86 6070-008-19 CF 6" BLANK OFF FLANGE
85 6070-008-05 FOAM BLOCK 2
84 6070-008-19 1/4-20 ROD x 5.5 LC.
83 6070-008-19 1/4-20 ROD x 6.5 LC.
82 6070-008-19 FIXTURE_01
81 6070-008-15 SPREADER STUD-02

G 1 LHe Stack Assembly
 D-6070-008-01
 SCALE: 1:2
 QTY.: 1 REQ'D.

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 OR EQUIVALENT APPROVED BY CORNELL LNS.



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 CESR-C Wiggler Cryostat LHe Stack Assembly

DRAWN BY: Yun HE
 CHECKED BY: N. Mishy, E. Nordberg
 DATE: 01/03/02
 SCALE: 1:2
 SH. NO.: 1 CONT. ON 2

D 6070-008
 CR-1
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 TOLERANCES ON: FRACTIONS ±1/64 003±.005 ANGLES ±0.5 ALL SURFACES BY

PLOT DATE: 2/26/03
 CAD FILE NAME: Z:\proj\Archive\6000\6070\6070-004 CESRc 7-40 Wiggler Cryostat Asm\LHe_Stack_Asm_stack_paper.dwg

ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REV.
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REVISIONS				
SYL	ZONE	DESCRIPTION	DATE	APP.
A		ADDED PART 70 AND CHANGED TITLE NAME	1/31/02	YH
B		MAJOR REV. FOR PROJECT PRODUCTION	8/29/02	TMK
C		REVS. FOR ITEMS #28 & #62	9/17/02	YH
D	F-3	CHANGED OUTER CLAMP TO ITEM #18	2/26/03	KS

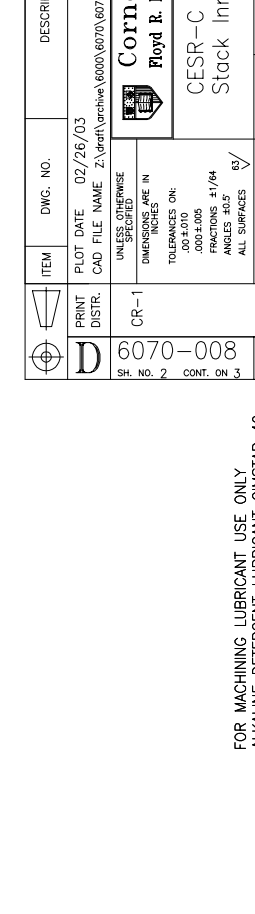
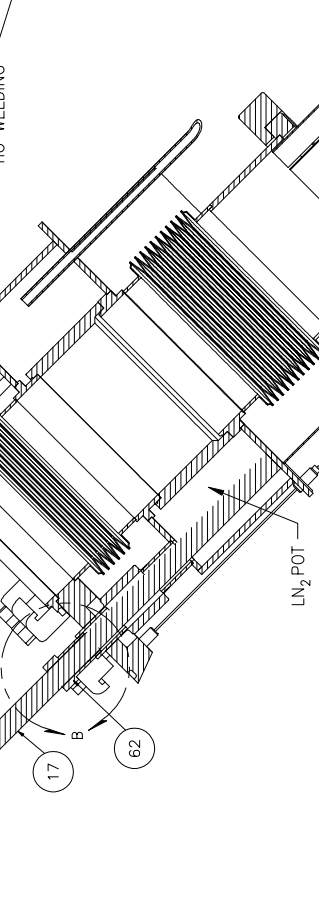
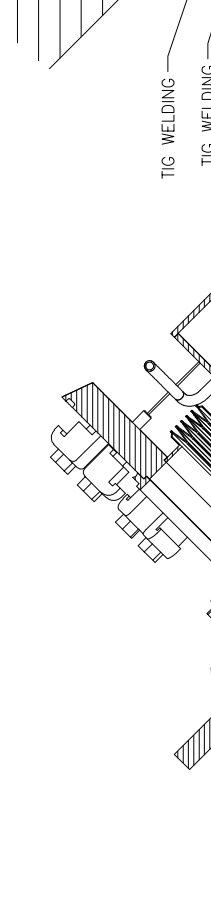
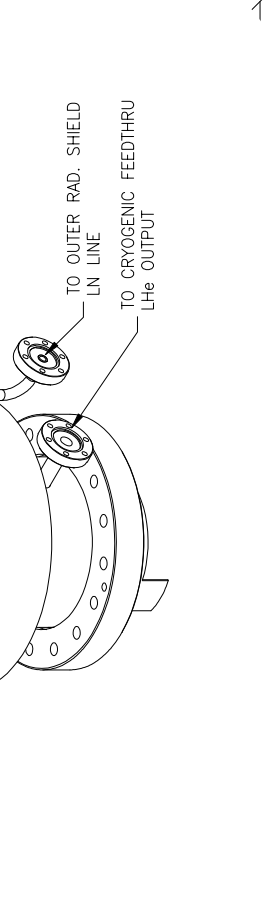
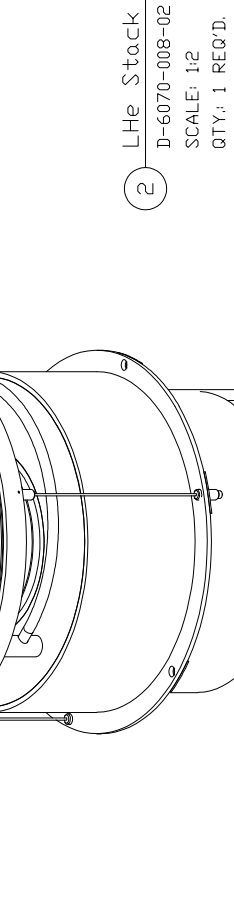
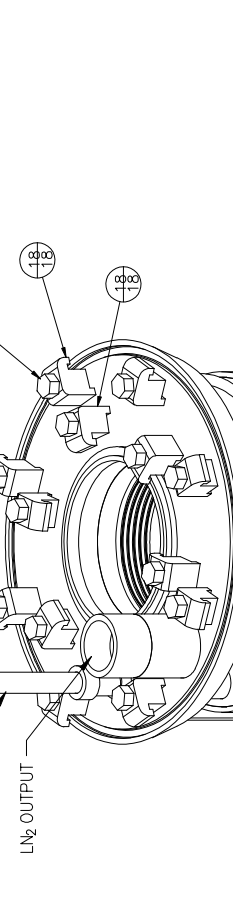
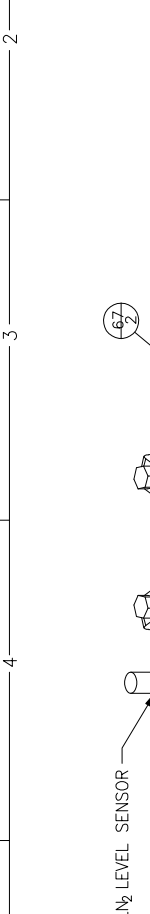
ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REMARKS	REV.
D	6070-008	CESR - C Wiggler Cryostat LHe Stack: Stack Inner Jacket Sub-assembly			D

PRINT DISTR. CR-1
 PLOT DATE 02/26/03
 CAD FILE NAME Z:\ndr\verbia\6000\6070\6070-004_CESR_7-40_Wiggler_Cryostat_Asm\Lhe_Stack\Subasm_innerjacket.dwg
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 TOLERANCES ON: 000±.005 FRACTIONS ±1/64 ANGLES ±0.5 ALL SURFACES R/

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 CESR-C Wiggler Cryostat LHe Stack: Stack Inner Jacket Sub-assembly

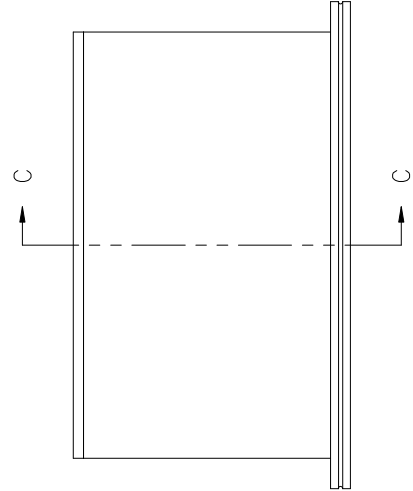
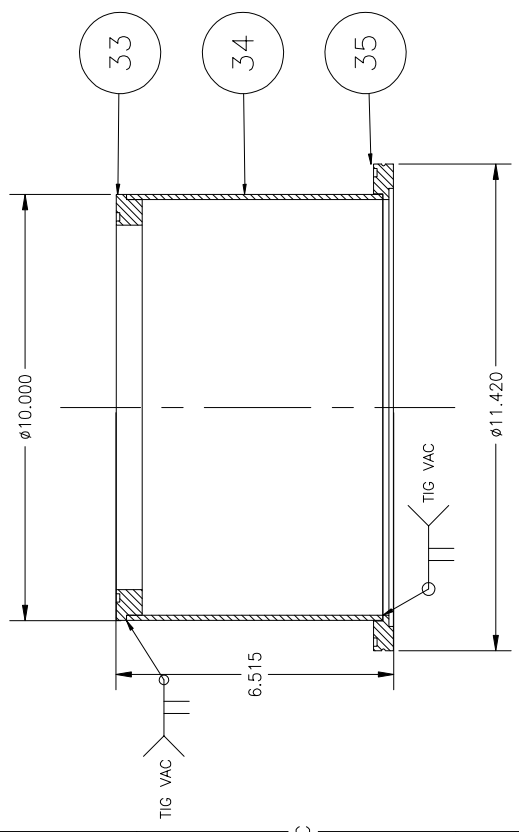
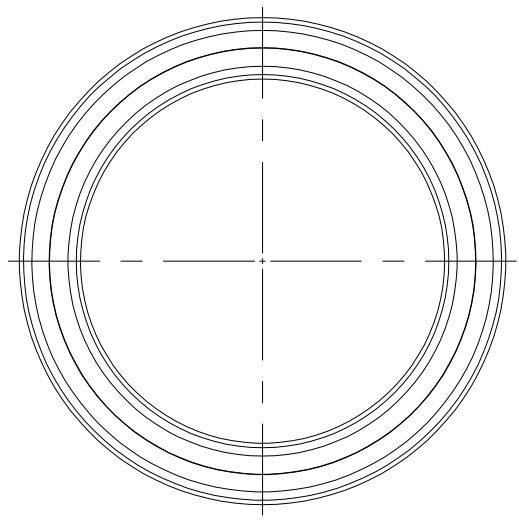
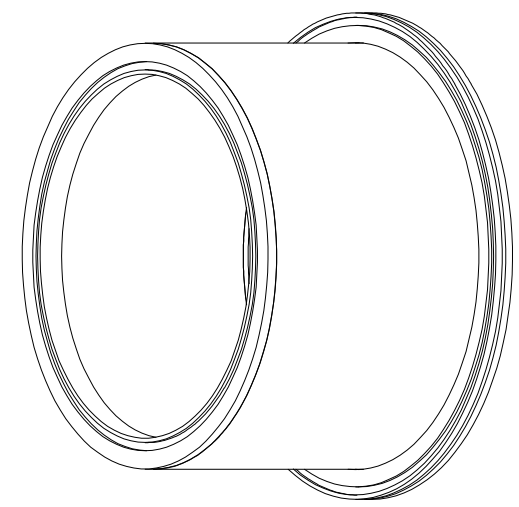
DRAWN BY Yun HE
 CHECKED BY Yun HE
 APPROVED BY Yun HE
 DRAWN FOR DATE 10/31/2001
 SCALE 1:2
 REV. D
 6070-008
 SH. NO. 2 CONT. ON 3

2 LHe Stack Inner Jacket Sub-assembly
 D-6070-008-02
 SCALE: 1:2
 QTY: 1 REQ'D.



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REVISIONS			
SYN.	ZONE	DESCRIPTION	DATE
A		CHANGED TITLE NAME TMK	1/21/02
B	C-9	INCREASED ITEM #33 THKNS. & 6.515 WAS 6.370	2/25/03



3 LHe Stack Outer Jacket Sub-assembly
 D-6070-008-03
 SCALE: 1:2
 QTY: 1 REQ'D.
 NOTE:

ITEM	DWG. NO.	DESCRIPTION	QTY	REV.
D	6070-008	LHe Stack Outer Jacket Sub-assembly	1	0

PRINT DISTR.	PLOT DATE	DWG. NO.	DESCRIPTION	QTY	REV.
CR-1	02/25/03	D-6070-008-03	LHe Stack Outer Jacket Sub-assembly	1	0

UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	TOLERANCES ARE:
FRACTIONS ±1/64	0.005 ±0.005
ANGLES ±0.5°	ALL SURFACES
	BY

CHECKED BY	Yun HE	DATE	10/31/2001
APPROVED BY	Yun HE	SCALE	1:2

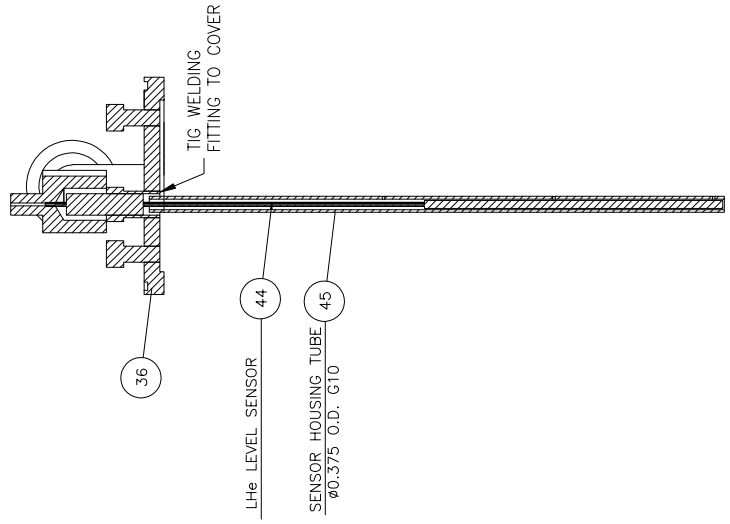
REV.	DESCRIPTION
B	6070-008
A	6070-008

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 OR EQUIVALENT APPROVED BY CORNELL LNS.

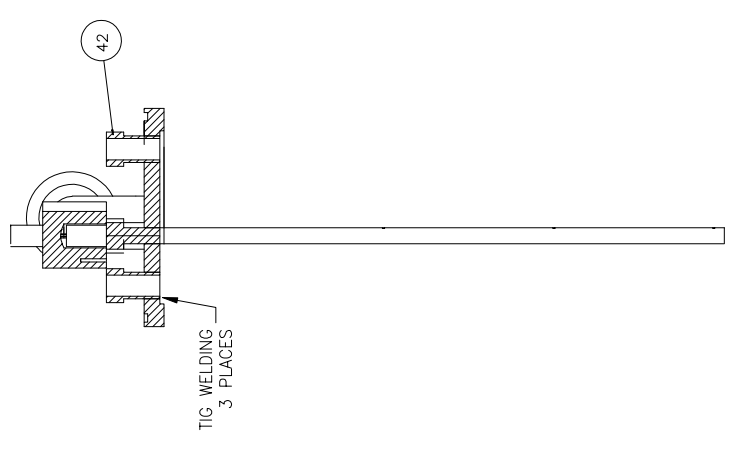
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CESR-C Wiggler Cryostat LHe Stack:
 Stack Outer Jacket Sub-assembly

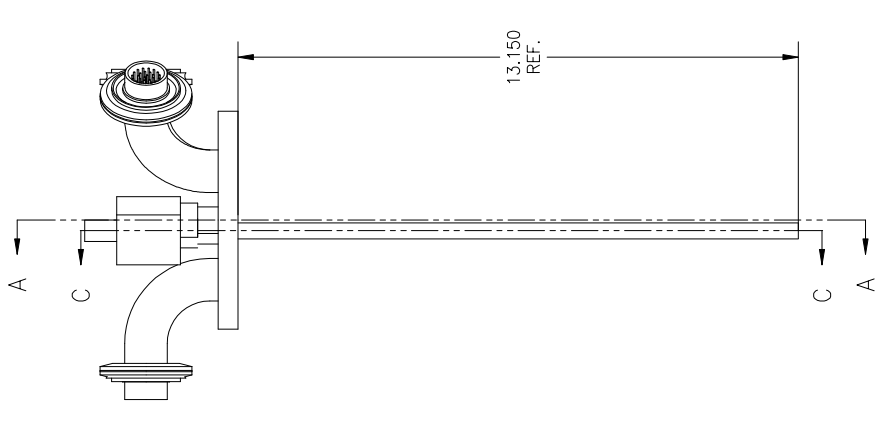
REVISONS		SYN.	ZONE	DESCRIPTION	DATE	APP.
		A		Added Burst Disk Holder (#63) AND CHANGED TITLE NAME TOC	1/17/02	YH
		B		MAJOR REVS. FOR PROJECT PRODUCTION	8/02/02	HW/MS
		C		REMOVED PART #39, ADDED #93	1/20/03	YH



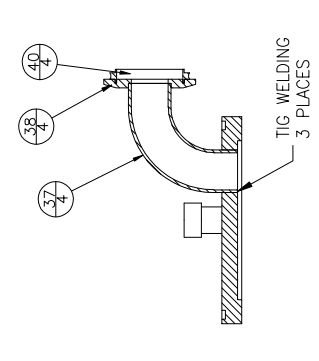
SECTION C-C



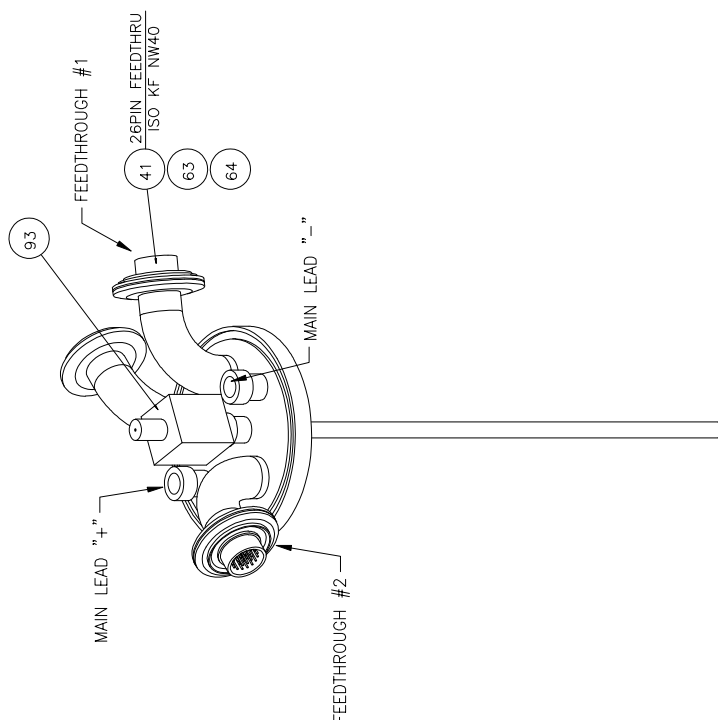
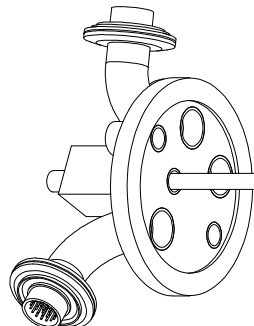
SECTION A-A



SECTION B-B

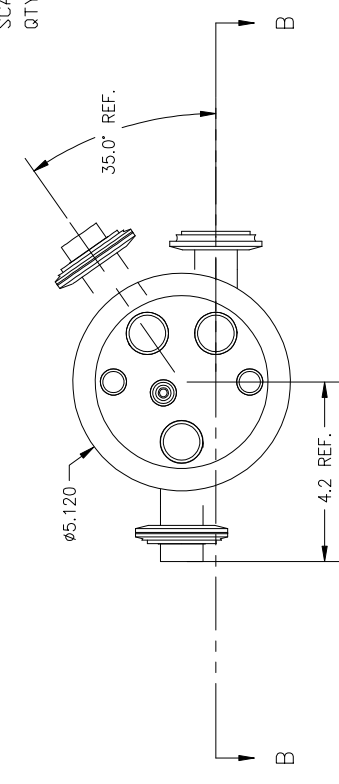


SECTION A-A



4 LHe Stack Cover Sub-assembly

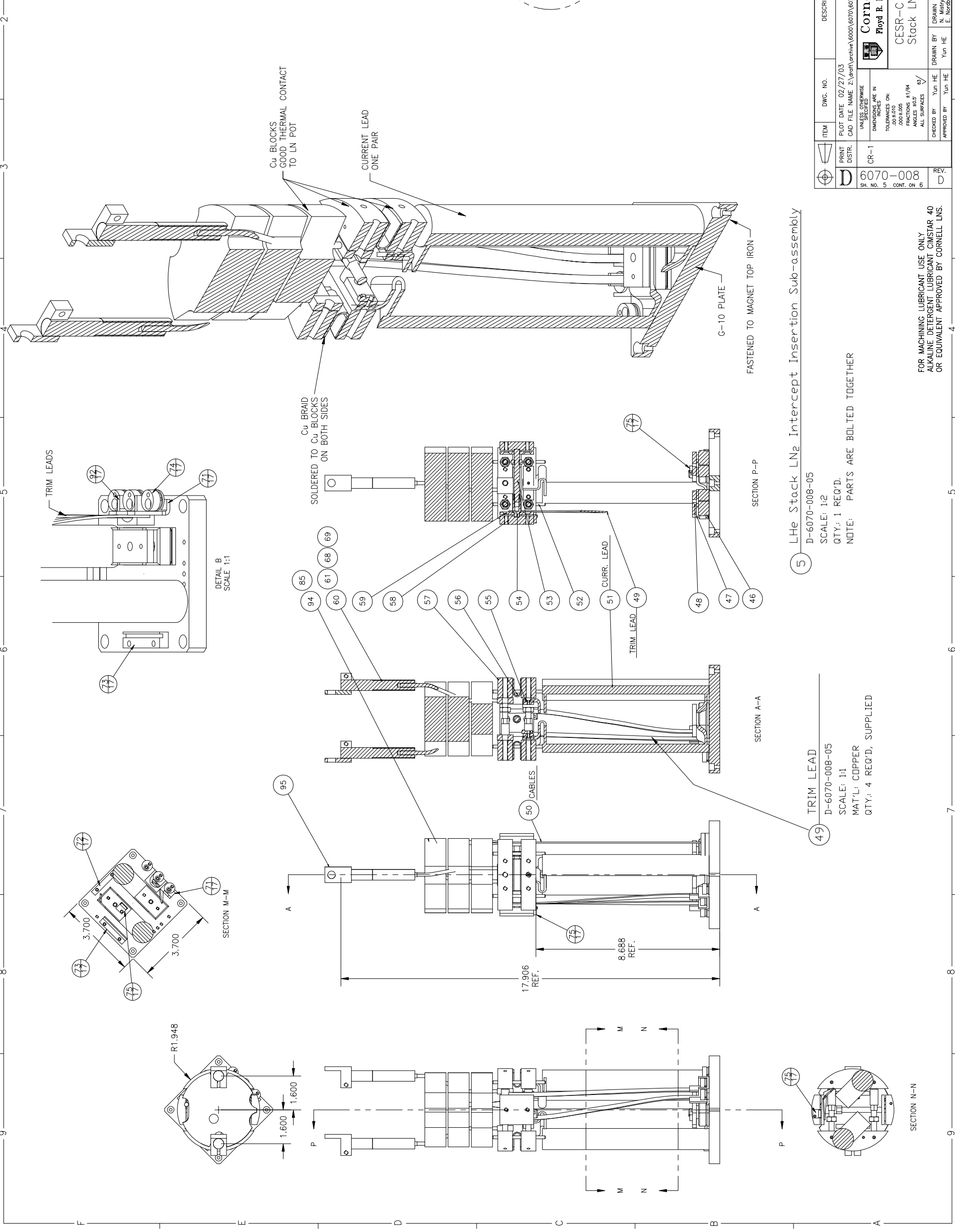
D-6070-008-04
SCALE: 1:2
QTY: 1 REQ'D.



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ALKALINE DETERGENT LUBRICANT CIMSTAR 40
OR EQUIVALENT APPROVED BY CORNELL LNS.

ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REMARKS	REV.
PRINT DISTR. CR-1	PLOT DATE 02/26/03 CAD FILE NAME Z:\draft\archiva\6000\6070-004 CESRc 7-40 Wiggler Cryostat Asm\LHe Stack\Subasm_stack_cover.dwg				
<p>Cornell University Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853</p> <p>CESR-C Wiggler Cryostat LHe Stack Stack Cover Sub-assembly</p>					
<p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON: FRACTIONS ±1/64 DECIMALS ±0.005 ANGLES ±0.5 ALL SURFACES</p>					
CHECKED BY Yun HE		DRAWN BY Yun HE		DATE 10/31/2001	
APPROVED BY Yun HE		SCALE 1:2		REV. D 6070-008	
		SH. NO. 4		CONT. ON 5	

REVISIONS		
SYN. ZONE	DESCRIPTION	DATE
A	CHANGED TITLE NAME TMK	1/23/02 YH
B	MAJOR RDS. FOR PROJECT PRODUCTION TMK	2/21/02 M/MKS
C	REVS. FOR #48,53,54,55	8/29/02 YH
D	REVS. FOR #47, #54, #59, REMOVED ONE #7A, ADDED #52, #54, #55 & #55	9/27/03 JGL



ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REMARKS	REV.
PRINT DISTR.	PLOT DATE: 02/27/03	CAD FILE NAME: Z:\draft\vervive\6070\6070-004 CESR-7-40 Wiggler Cryostat Arm\LHe_Stack\Subassem_LN_Interrupt.dwg			
CR-1	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	TOLERANCES ON DIMENSIONS ARE IN INCHES: 0.005 ± 0.005 FRACTIONS ± 1/64 ANGLES ± 0.5 ALL SURFACES			
D	6070-008	LHe Stack LN2 Intercept Insertion Sub-assembly	1		
D	D	D	D	D	D
APPROVED BY	Yun HE	CHECKED BY	Yun HE	SCALE	1:2
DRAWN BY	Yun HE	DATE	10/31/2001	REV.	6070-008
					D
					SH. NO. 5 CONT. ON 6

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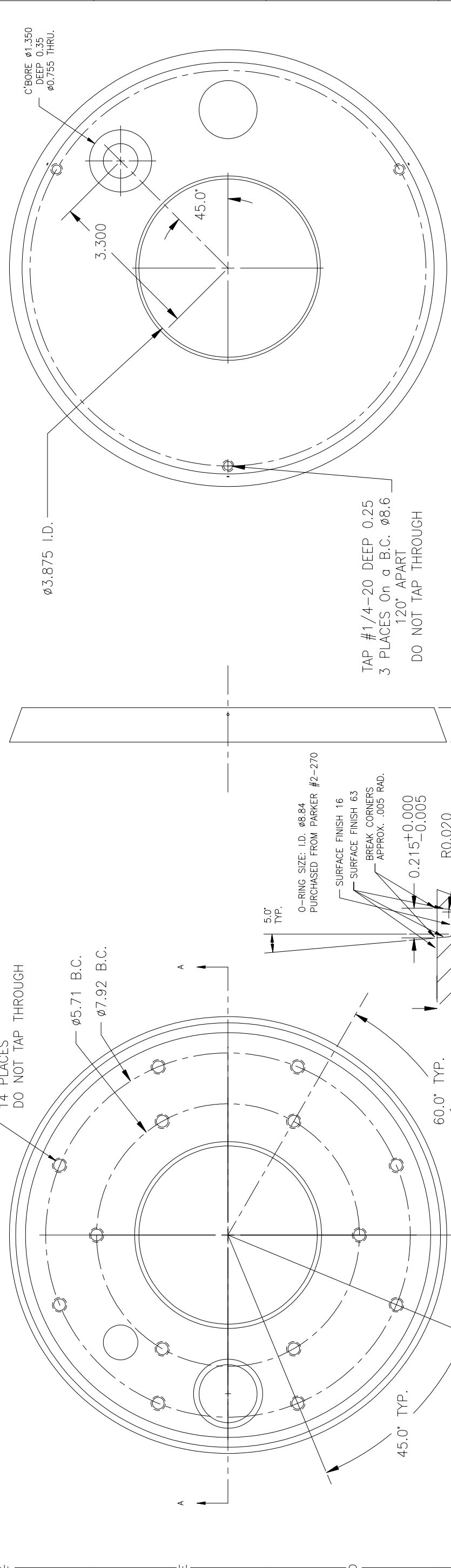
CESR-C Wiggler Cryostat LHe Stack:
 Stack LN Intercept Insertion Sub-assembly

FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.

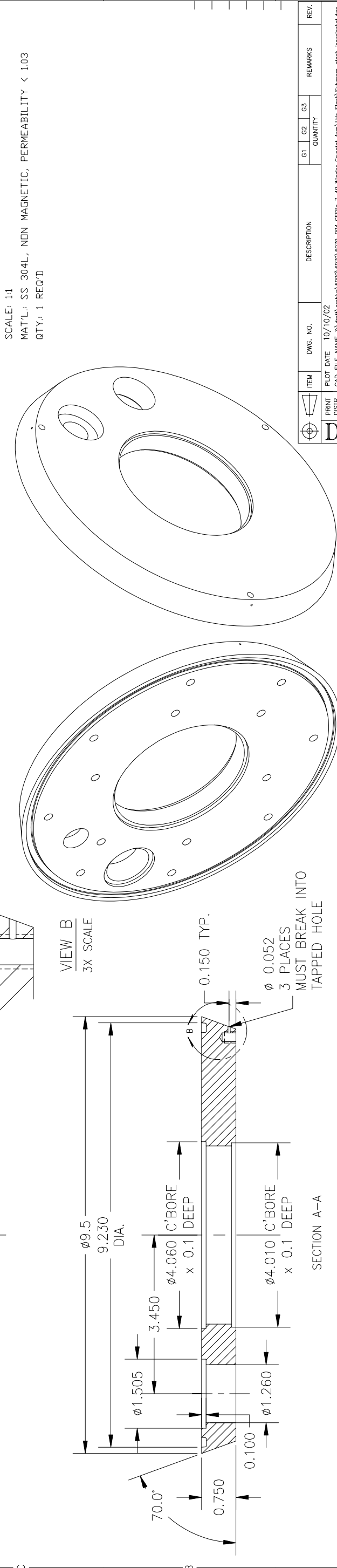
5 LHe Stack LN2 Intercept Insertion Sub-assembly
 D-6070-008-05
 SCALE: 1:2
 QTY: 1 REQ'D.
 NOTE: PARTS ARE BOLTED TOGETHER

49 TRIM LEAD
 D-6070-008-05
 SCALE: 1:1
 MAT'L: COPPER
 QTY: 4 REQ'D, SUPPLIED

SYN. ZONE		DESCRIPTION		DATE		APP. YH	
A		CHANGED TITLE	TMK		1/15/02		
B		ITEMS 6 AND 62	MOVED TO SH.7		7/19/02		
		MAJOR REVISIONS	TO ITEM 7	TMK			
C	F1	CHANGED C'BORE	DIMENSION				
	B9	CHANGED 1.500	DIA. TO 1.505	DIA.			
					9/17/02		YH



7 Stack Inner Jacket Top Flange
 D-6070-008-06
 SCALE: 1:1
 MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 1.03
 QTY: 1 REQ'D



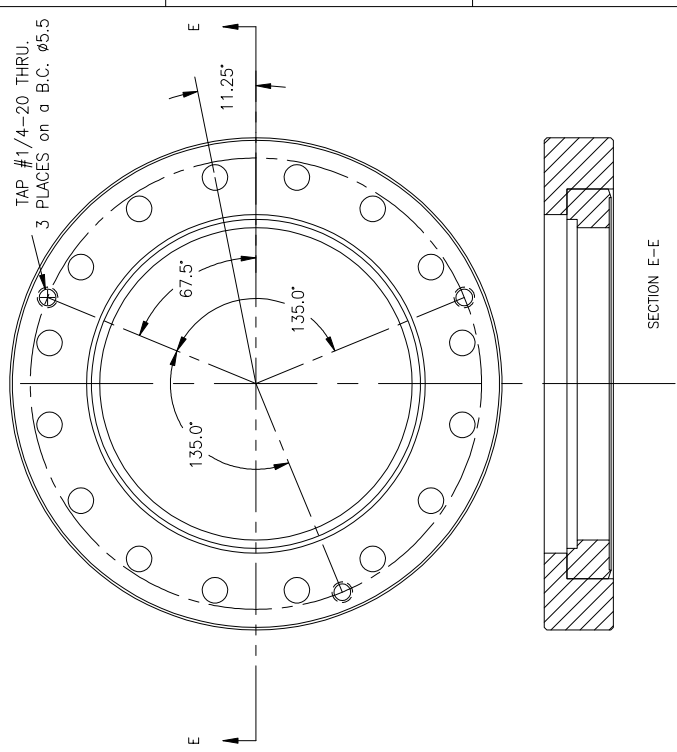
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PRINT	DATE	10/10/02					
DISTR.	CAD FILE NAME	Z:\verif\webhw\6000\6070\6070-004_CESRc_7-40_Wiggler_Cryostat_Arm\Life_Stack\Subasem_stack_innerjacket.dwg					
CR-1	UNLESS OTHERWISE SPECIFIED						
	DIMENSIONS ARE IN INCHES						
	TOLERANCES ON FRACTIONS	±1/64					
	ON DECIMALS	±0.005					
	ANGLES	±0.5					
	ALL SURFACES	BY					
	CHECKED BY	Yun HE					
	DRAWN BY	Yun HE					
	DATE	10/31/2001					
	SCALE	1:1					
	DRAWN FOR						
	BY	N. Meshy					
	APPROVED BY	E. Nordberg					
	REV.						
	D	6070-008					
	CONT. ON	7					
	D	6070-008					
	CONT. ON	7					

FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.

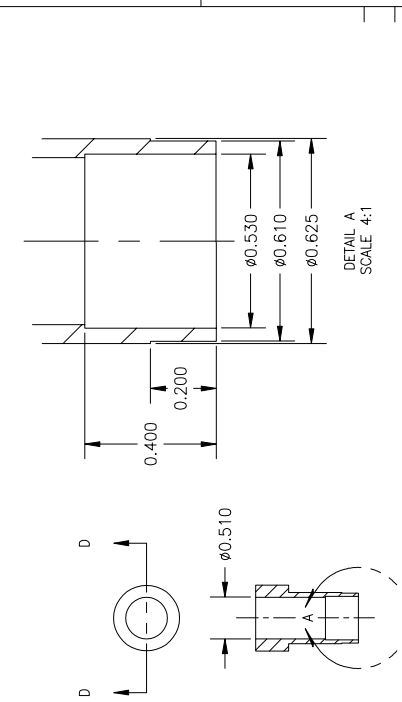
Cornell University
 Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853

CESR-C Wiggler Cryostat LHe Stack
 Stack Inner Jacket Parts - (1)

REVIEWS		DATE	APP.
1	CHANGED TITLE NAME	TMK	7/27/02
2	PTS. 6 + 62 WERE ON SH.	6 TMK	7/27/02
3	CHANGED ITEM #62		9/17/02
4	ADDED MISSING DIMS		10/20/02



14 CONFLAT 6" ROTATABLE FLANGE WITH 4" BORE
 D-6070-008-07
 SCALE: 1:1
 MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 103
 QTY: 1 REQ'D, MODIFIED FROM PURCHASED FLANGE, VARIAN FROM VARIAN OR EQUIV.



62 MODIFIED GADDARD, 1/2" BORE
 D-6070-008-07
 SCALE: 1:1
 MAT'L: SS 304, MODIFY FROM ITEM #42
 QTY: 1

ITEM	DWG. NO.	DESCRIPTION	Q1	Q2	Q3	REMARKS	REV.
1	10/10/02						

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
 TOLERANCES ON:
 DIMENSIONS: ±0.005
 HOLE DIA: ±0.005
 FRACTIONS: 1/64
 ANGLES: ±0.5
 ALL SURFACES: ✓

CHECKED BY: Yun HE
 APPROVED BY: Yun HE

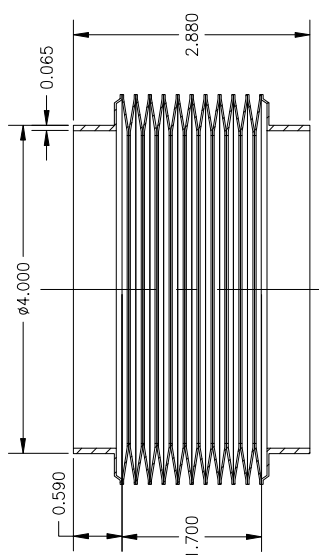
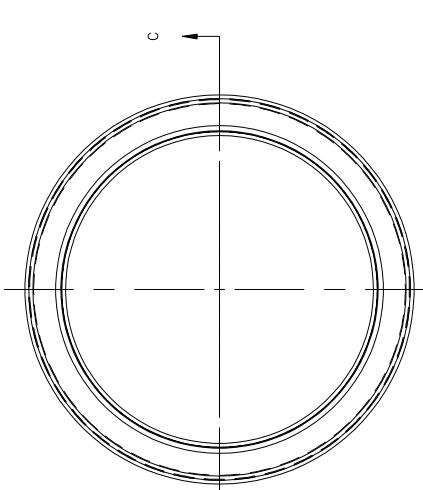
PRINT DISTR: CR-1

6070-008

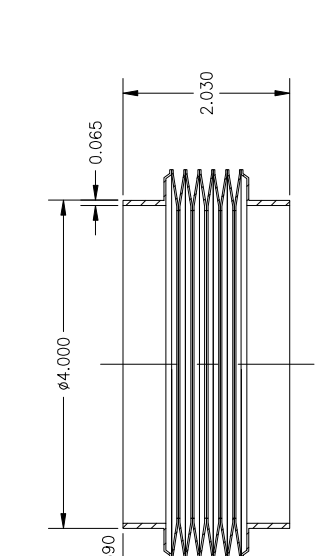
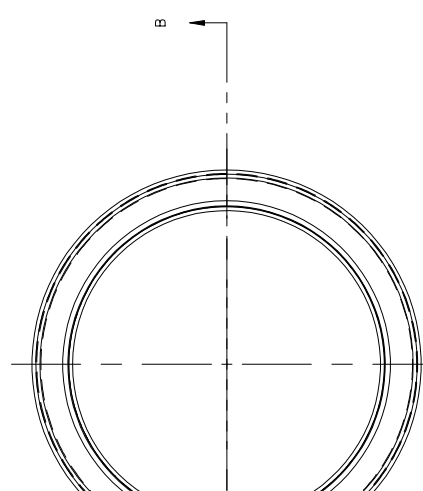
DATE: 10/31/2001
 DRAWN BY: N. Mastay
 SCALE: 1:1

6070-008
 SHEET NO. 7 CONT. ON 8

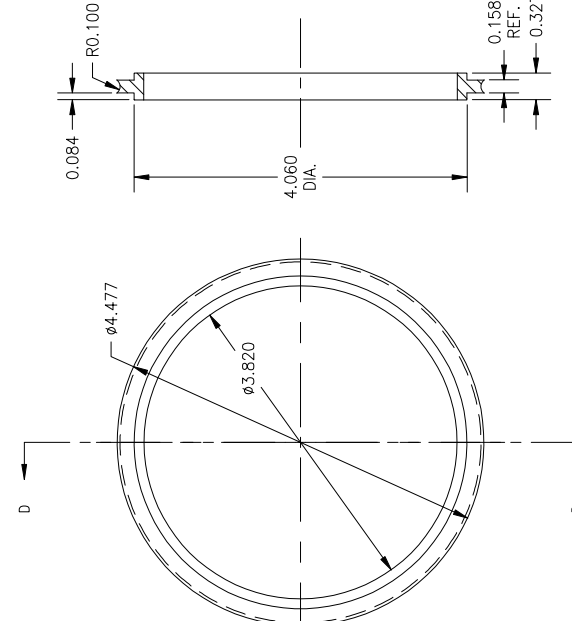
REV. D



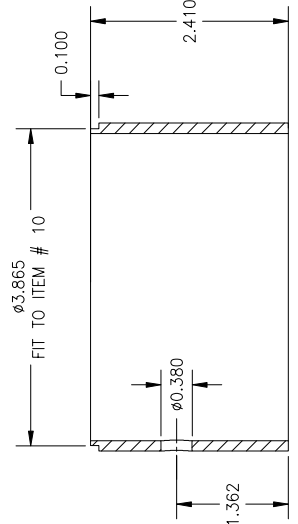
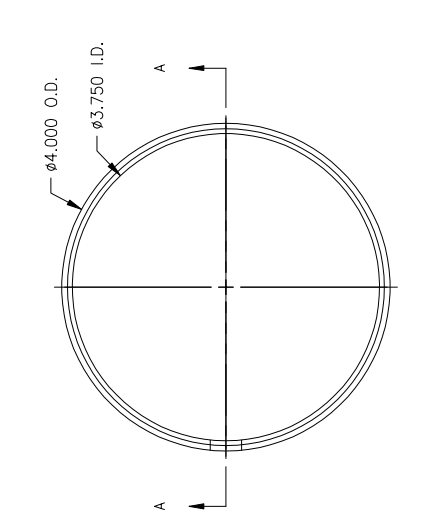
10 BELLOWS 475-375-2-EE
 D-6070-008-07
 SCALE: 1:1
 MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 103
 QTY: 1 REQ'D, PURCHASED FROM STANDARD-BELLOWS INC 475-375-2-EE OR EQUIV.



8 BELLOWS 475-375-1-EE
 D-6070-008-07
 SCALE: 1:1
 MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 103
 QTY: 1 REQ'D, PURCHASED FROM STANDARD-BELLOWS INC 475-375-1-EE OR EQUIV.



11 STACK INNER JACKET 4" O.D. TUBE
 D-6070-008-07
 SCALE: 1:1
 MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 103
 QTY: 1 REQ'D

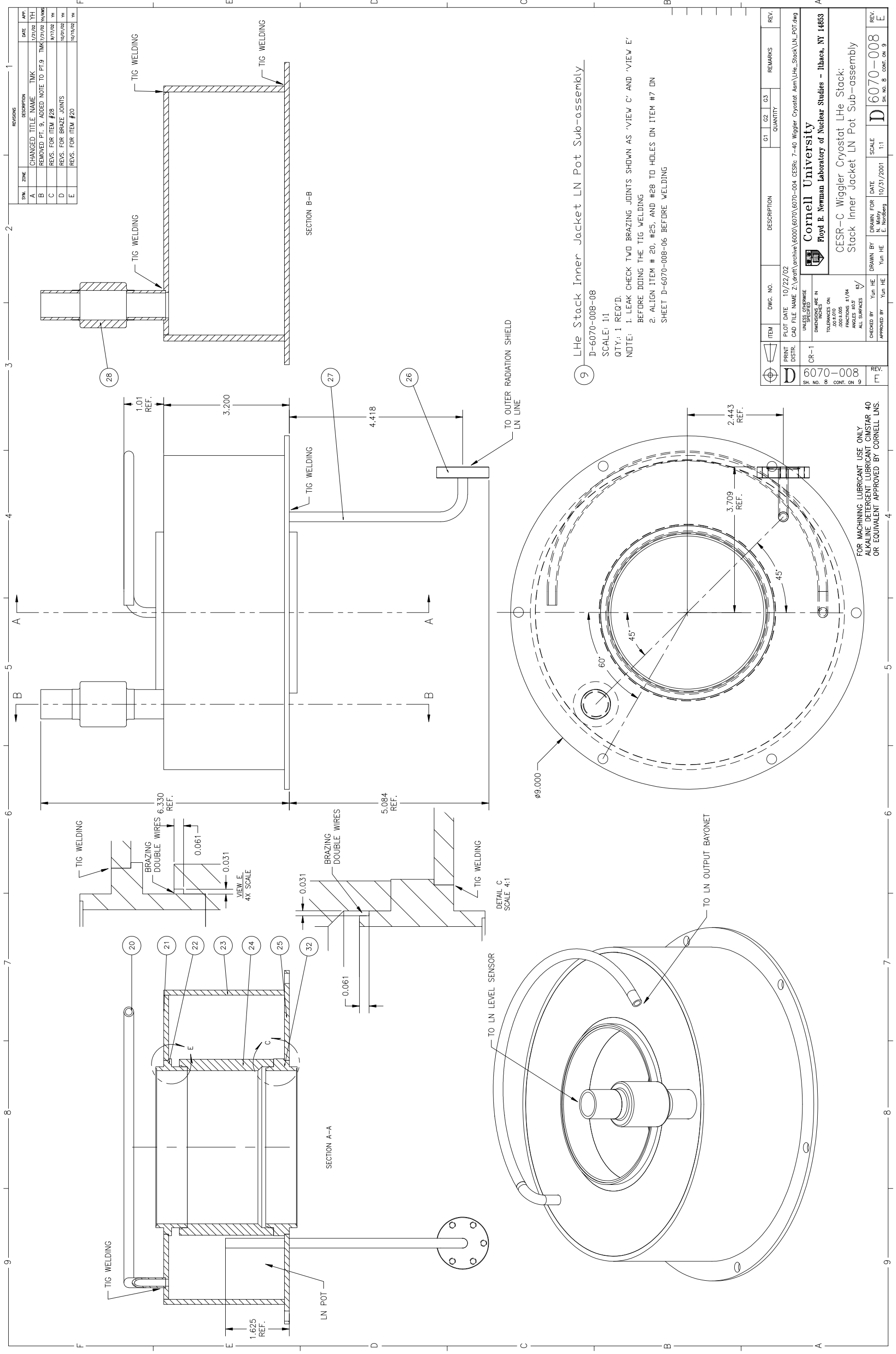


6 NW100 O-RING HOLDER
 D-6070-008-07
 SCALE: 1:1
 MAT'L: AL 6061
 QTY: 1 REQ'D, PURCHASED, NW100 FROM MDC OR EQUIV.

FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.

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 Floyd R. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853

CESR-C Wiggler Cryostat LHe Stack
 Stack Inner Jacket Parts - (2)

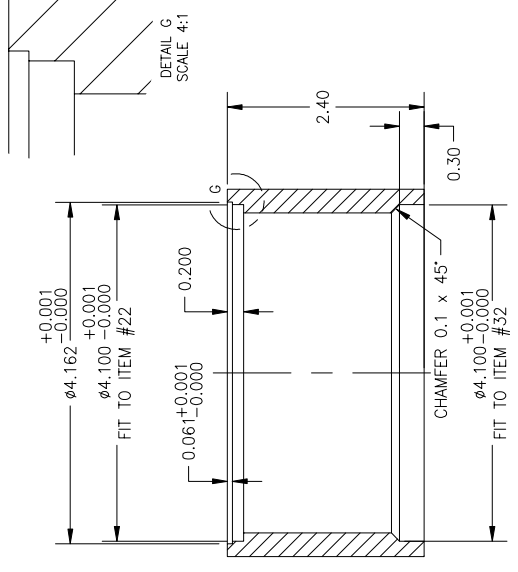
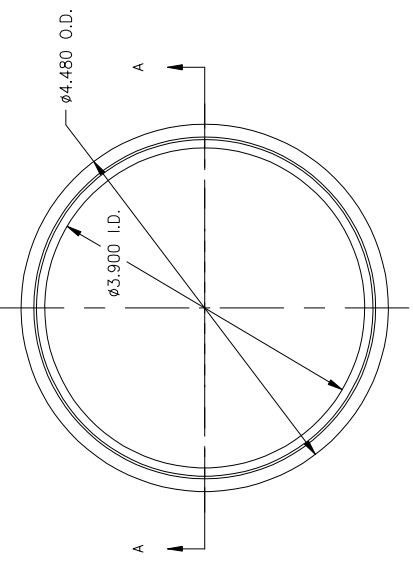


REVISIONS		SYN.	ZONE	DESCRIPTION	DATE	APP.
A				CHANGED TITLE NAME TMK	12/21/02	YH
B				REMOVED PT. 9, ADDED NOTE TO PT.9	12/21/02	TMK
C				REVS. FOR ITEM #28	9/17/02	TH
D				REVS. FOR BRAZE JOINTS	10/07/02	TH
E				REVS. FOR ITEM #20	10/15/02	TH

9 LHe Stack Inner Jacket LN Pot Sub-assembly
 D-6070-008-08
 SCALE: 1:1
 QTY: 1 REQ'D.
 NOTE: 1. LEAK CHECK TWO BRAZING JOINTS SHOWN AS 'VIEW C' AND 'VIEW E' BEFORE DOING THE TIG WELDING
 2. ALIGN ITEM # 20, #25, AND #28 TO HOLES ON ITEM #7 ON SHEET D-6070-008-06 BEFORE WELDING

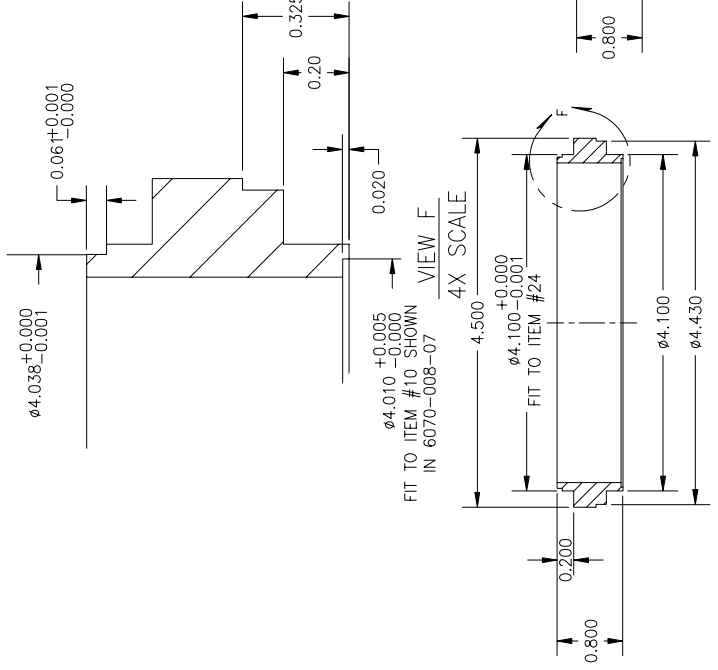
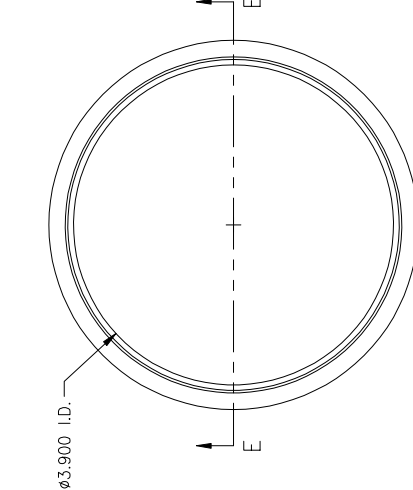
ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REMARKS	REV.
PRINT	10/22/02				
DISTR.					
CR-1					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ±1/64 DECIMALS ±0.005 ANGLES ±0.5 ALL SURFACES					
CHECKED BY: Yun HE DRAWN BY: Yun HE DATE: 10/31/2001 SCALE: 1:1 SH. NO. B CONT. ON 9					
Cornell University Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853 GFSR-C Wiggler Cryostat LHe Stack: Stack Inner Jacket LN Pot Sub-assembly					
APPROVED BY: Yun HE DRAWN FOR DATE: 10/31/2001 SCALE: 1:1 SH. NO. B CONT. ON 9					
FOR MACHINING LUBRICANT USE ONLY ALKALINE DETERGENT LUBRICANT CIMSTAR 40 OR EQUIVALENT APPROVED BY CORNELL LNS.					

REV. NO.		DATE	DESCRIPTION	APP.
1		1/21/02	CHANGED TITLE NAME TMK	YH
2		7/21/02	REVISED ITEMS 22, 24 + 32	TMK
3		10/07/02	REVS. FOR ITEM #24 & #32	YH



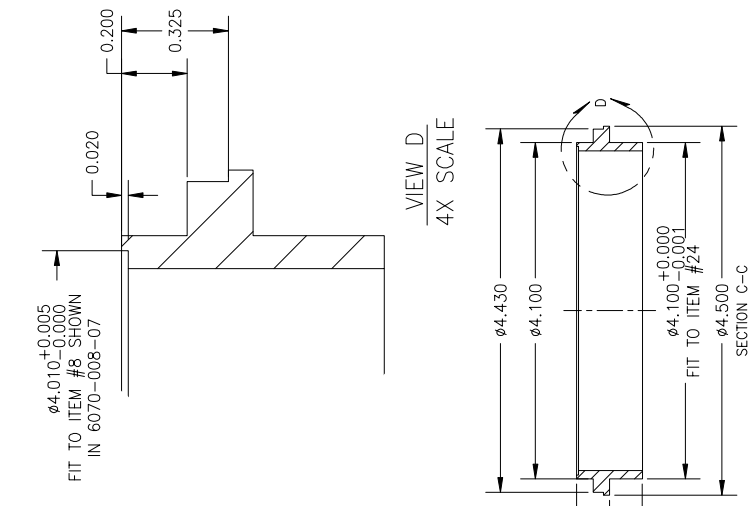
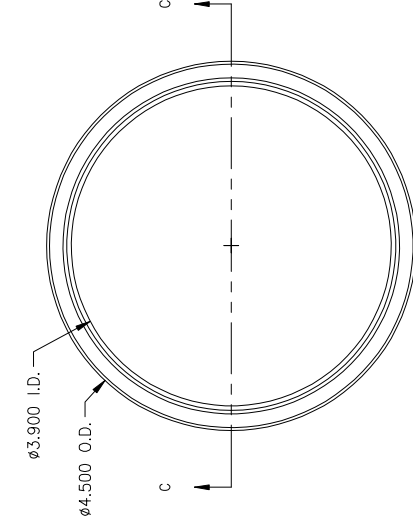
SECTION A-A

24 LN POT Inner Cylinder
SCALE: 1:1
MAT'L: OFE COPPER
QTY.: 1 REQ'D.



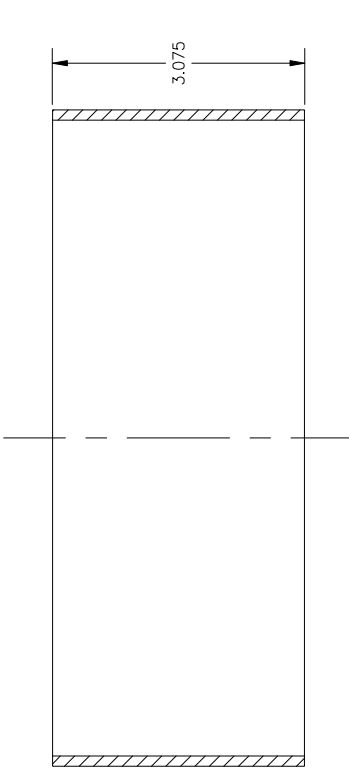
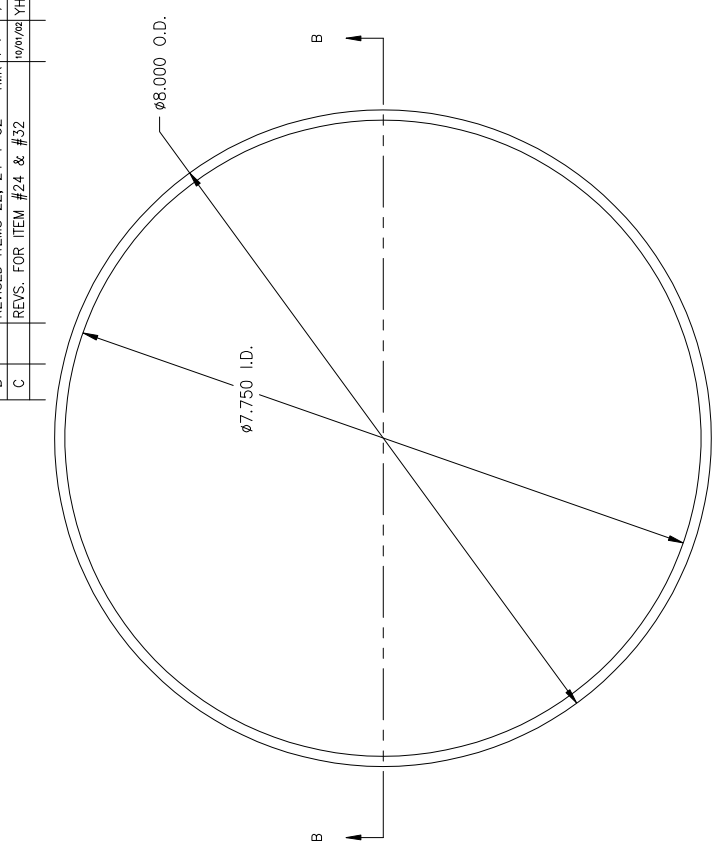
SECTION E-E

32 LN POT Brazing Adapter Ring BOT
SCALE: 1:1
MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 1.03
QTY.: 1 REQ'D.



SECTION C-C

22 LN POT Brazing Adapter Ring
SCALE: 1:1
MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 1.03
QTY.: 1 REQ'D.



SECTION B-B

23 LN POT Outer Cylinder
SCALE: 1:1
MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY < 1.03
QTY.: 1 REQ'D.

ITEM	QTY.	DESCRIPTION	REMARKS
23	1	LN POT Outer Cylinder	
22	1	LN POT Brazing Adapter Ring	
32	1	LN POT Brazing Adapter Ring BOT	
24	1	LN POT Inner Cylinder	

REV.	DATE	SCALE	QTY.	CONT.	ON	TO
1	10/31/2001	1:1	1	1	1	1

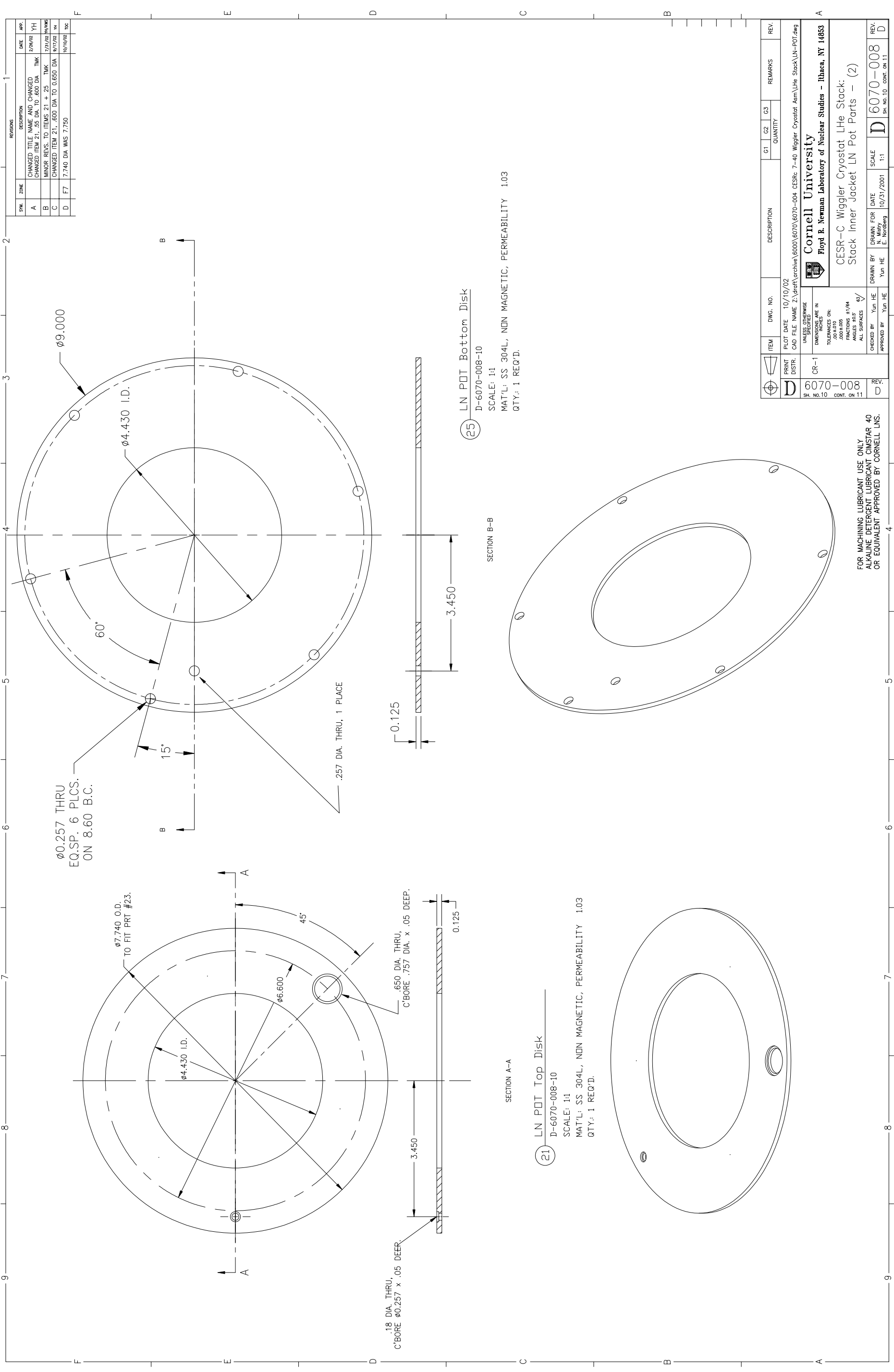
FOR MACHINING LUBRICANT USE ONLY
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OR EQUIVALENT APPROVED BY CORNELL LNS.

DATE	DESCRIPTION	QTY.	REMARKS
10/07/02	REVS. FOR ITEM #24 & #32		
7/21/02	REVISED ITEMS 22, 24 + 32		
1/21/02	CHANGED TITLE NAME TMK		

DATE	DESCRIPTION	QTY.	REMARKS
10/07/02	REVS. FOR ITEM #24 & #32		
7/21/02	REVISED ITEMS 22, 24 + 32		
1/21/02	CHANGED TITLE NAME TMK		

DATE	DESCRIPTION	QTY.	REMARKS
10/07/02	REVS. FOR ITEM #24 & #32		
7/21/02	REVISED ITEMS 22, 24 + 32		
1/21/02	CHANGED TITLE NAME TMK		

DATE	DESCRIPTION	QTY.	REMARKS
10/07/02	REVS. FOR ITEM #24 & #32		
7/21/02	REVISED ITEMS 22, 24 + 32		
1/21/02	CHANGED TITLE NAME TMK		



REV. NO.		DESCRIPTION	DATE	APP.
A		CHANGED TITLE NAME AND CHANGED CHANGED ITEM Z1. .35 DIA. TO .600 DIA. T.M.K.	2/26/02	YH
B		MINOR REVS. TO ITEMS Z1 + Z5 T.M.K.	7/27/02	YH
C		CHANGED ITEM Z1. .600 DIA TO 0.650 DIA	9/17/02	WH
D	F7	7.740 DIA WAS 7.750	10/10/02	TC

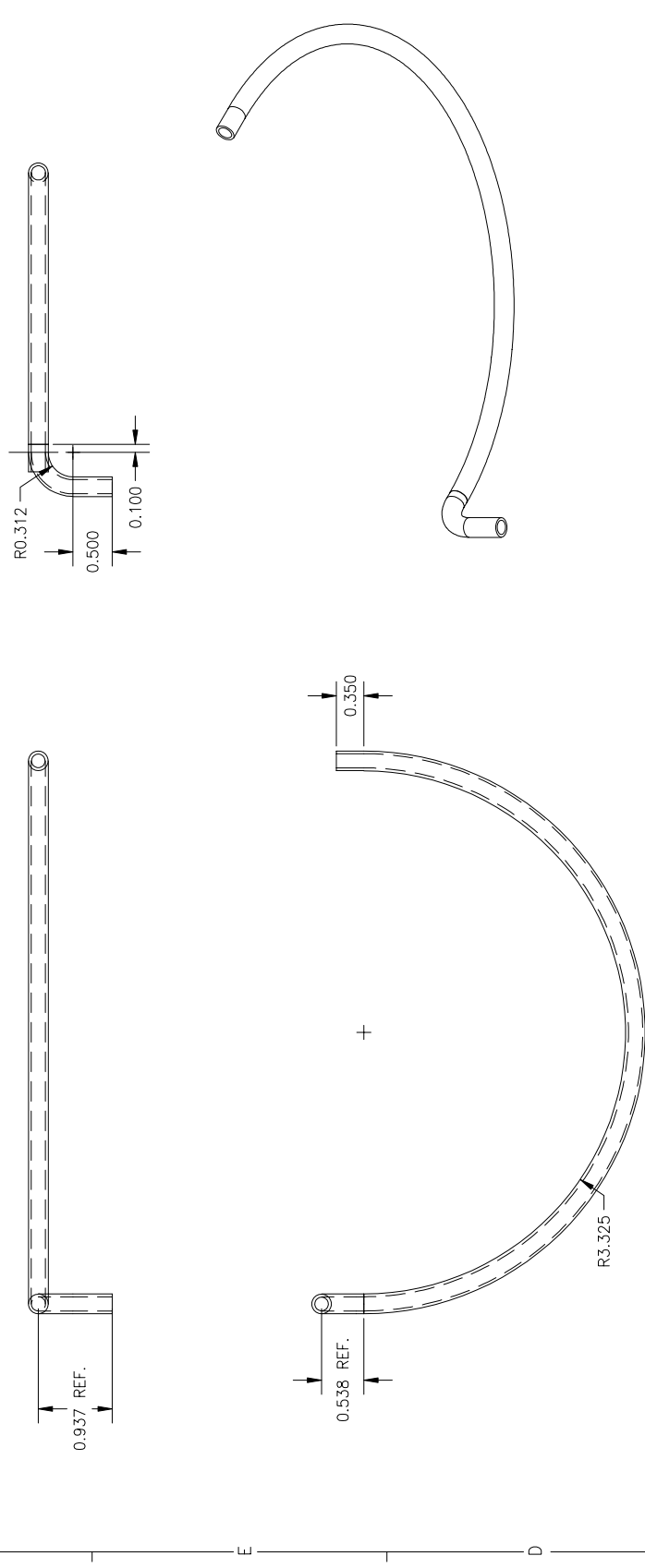
ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	QUANTITY	REMARKS	REV.
PRINT	10/10/02							
DISTR.								
CR-1								
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES								
TOLERANCES ON DIMENSIONS ARE:								
FRACTIONS 1/16								
ANGLES .005								
ALL SURFACES								
CHECKED BY Yun HE								
APPROVED BY Yun HE								
DRAWN FOR DATE SCALE								
N. Mastri 10/31/2001 1:1								
E. Nordberg								
D 6070-008								
REV. D 6070-008								
SH. NO. 10 CONT. ON 11								

Cornell University
 Ployd R. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853

CESR-C Wiggler Cryostat LHe Stack:
 Stack Inner Jacket LN Pot Parts - (2)

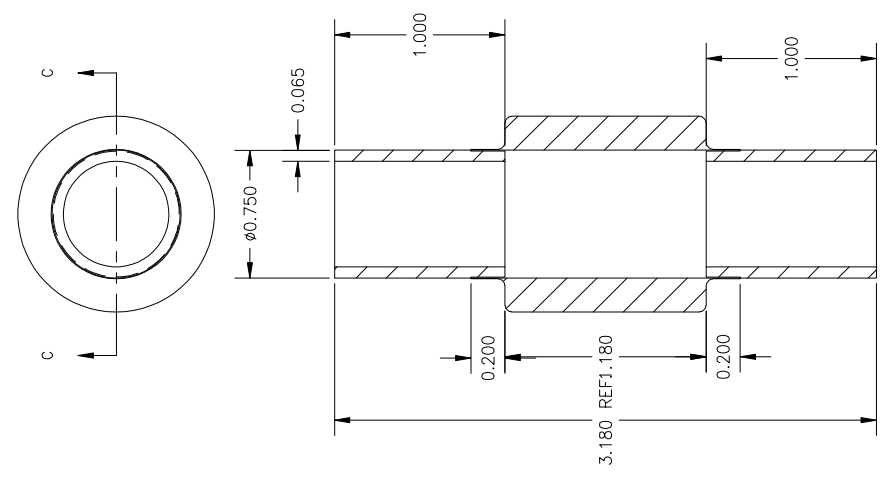
FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.

SYN.	ZONE	DESCRIPTION	DATE	APP.
A		ADDED TOTAL LENGTH OF ITEM 20 AND CHANGED TITLE NAME - TMK	7/15/02	YH
B		MINOR REVS. TO ITEM 20 - TMK	7/15/02	YH
C		REVS. FOR ITEM #28	9/17/02	YH
D		REVS. FOR ITEM #20	10/15/02	YH



27 LN INPUT TUBE 1/4" O.D.
D-6070-008-11
SCALE: 1:1
MAT'L: 1/4" O.D. SS 304L, NON MAGNETIC, PERMEABILITY 1.03
QTY: 1 REQ'D.
NOTE: TOTAL LENGTH BEFORE BENDING: 7.015"

20 LN OUTPUT TUBE 1/4" O.D.
D-6070-008-11
SCALE: 1:1
MAT'L: 1/4" O.D. x 0.035 WALL. SS 304L, NON MAGNETIC, PERMEABILITY 1.03
QTY: 1 REQ'D.
NOTE: TOTAL LENGTH BEFORE BENDING: 13.064"



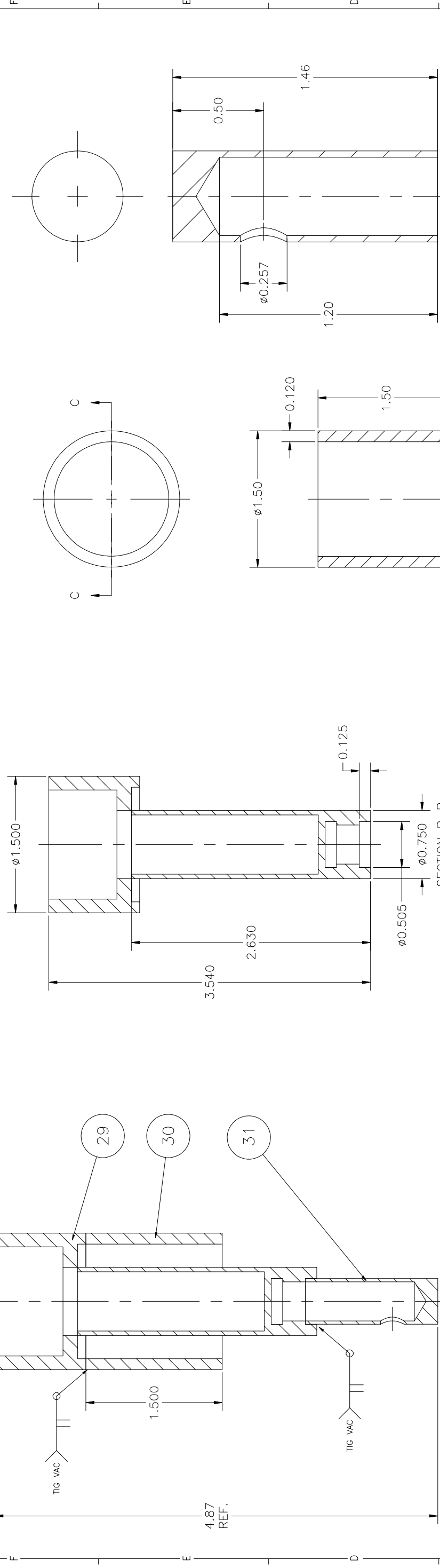
SECTION C-C

28 BELLOWS 3/4"
D-6070-008-11
SCALE: 1:1
MAT'L: SS 304L, NON MAGNETIC, PERMEABILITY 1.03
QTY: 1 REQ'D.
PURCHASED FROM MINI-FLEX

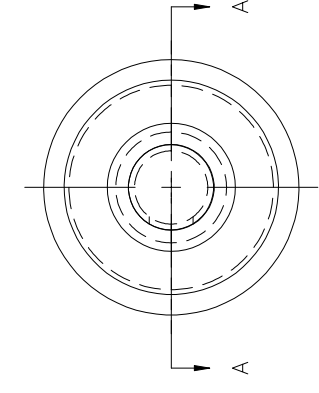
ITEM	DWG. NO.	DESCRIPTION	QUANTITY	G1	G2	G3	REMARKS	REV.
D	6070-008	CR-1						
PRINT DATE: 10/22/02 CAD FILE NAME: Z:\draft\archive\6070\6070-004_CESRc_7-40_Wiggler_Cryostat_Asm\LHe_Stack\LN-FOT.dwg UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ±1/64 DECIMALS ±0.005 ANGLES ±0.5 ALL SURFACES ▽ CHECKED BY: Yun HE DRAWN BY: Yun HE APPROVED BY: N. Misty, E. Nordberg DATE: 10/31/2001 SCALE: 1:1 DRAWING NO.: D 6070-008 SHEET NO.: 11 CONT. ON: 12								
Cornell University Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853 CESR-C Wiggler Cryostat LHe Stack: Stack Inner Jacket LN Pot Parts - (3)								

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OR EQUIVALENT APPROVED BY CORNELL LNS.

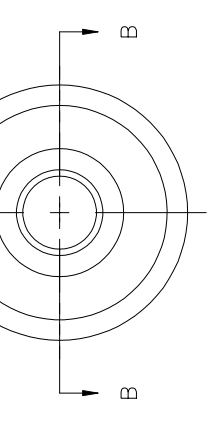
REVISIONS			
SYN.	ZONE	DESCRIPTION	DATE
A		CHANGED TITLE NAME TMK	7/27/02 YH
B		CHANGED ITEM 31 TMK	7/27/02 MWS
C		CHANGED ITEM 31	10/15/02 YH



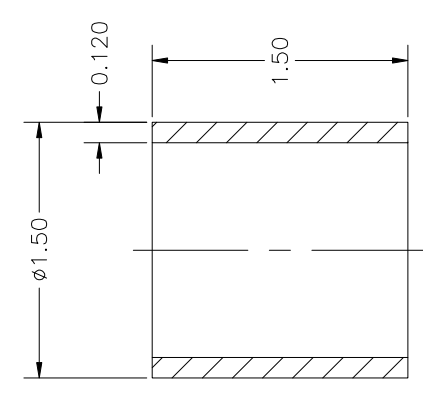
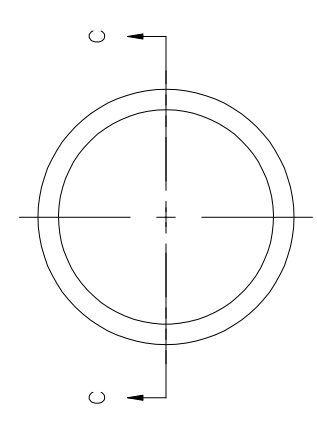
SECTION A-A



16 Stack bayonet Sub-assembly
D-6070-008-12
SCALE: 2:1
QTY.: 1 REQ'D.
NOTE:

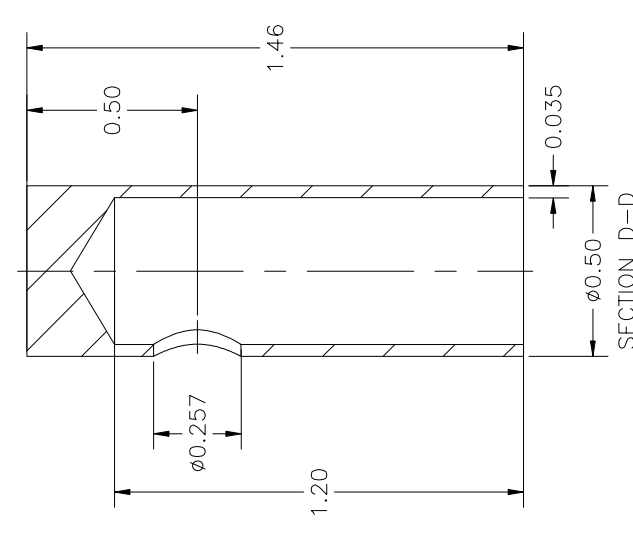
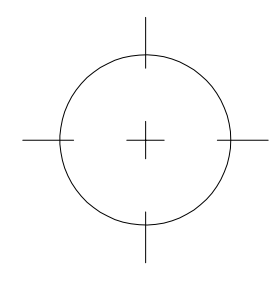


29 3" BAYONET
D-6070-008-12
SCALE: 2:1
QTY.: 1 REQ'D, PURCHASED FROM CRYOCOMP
CB702-5F3 OR EQUIV.



SECTION C-C

30 BAYONET 1.5" O.D. TUBE
D-6070-008-12
SCALE: 2:1
MAT'L: STN.STL.
QTY.: 1 REQ'D



SECTION D-D

31 1/2" OD TUBE x 1.46 LG.
D-6070-008-12
SCALE: 4:1
MAT'L: STN.STL.
QTY.: 1 REQ'D

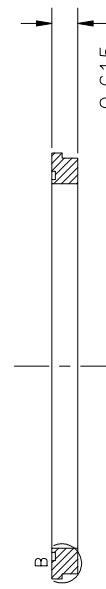
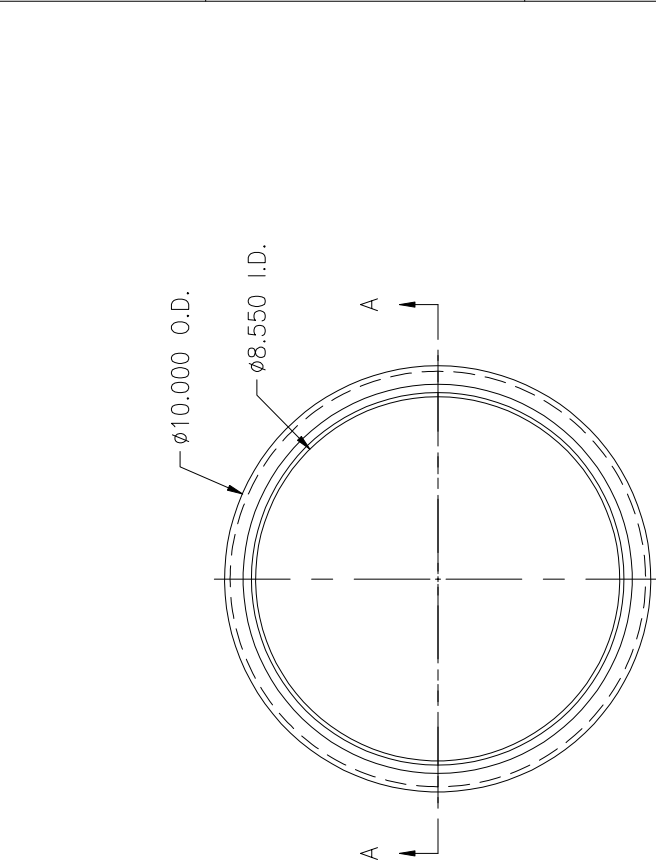
ITEM	DWG. NO.	DESCRIPTION	QTY	G1	G2	G3	REMARKS	REV.
D	6070-008	Stack bayonet sub-assembly						
PLOT DATE: 10/22/02		CAD FILE NAME: Z:\root\archive\6070\6070-004_CESRc_7-40_Wiggler_Cryostat_Asm\LHe_Stack_Bayonet_stack.dwg						
UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES						
TOLERANCES ON:		FRACTIONS ±1/64						
DECIMALS ±0.005		ANGLES ±0.5						
ALL SURFACES		BY						
CHECKED BY	Yun HE	DATE	10/31/2001	SCALE	1:1	REV. C		6070-008
APPROVED BY	Yun HE	DRAWN BY	Yun HE	DRAWN FOR	N. Mishy	SH. NO. 12		CONT. ON 13

Cornell University
Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853

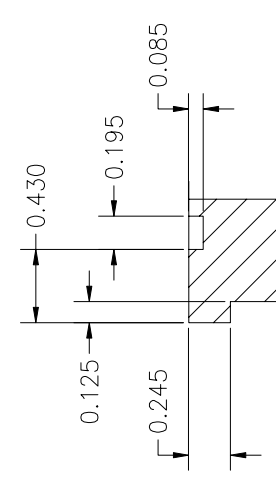
CFER-C Wiggler Cryostat LHe Stack
Stack Bayonet Sub-assembly

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ALKALINE DETERGENT LUBRICANT CIMSTAR 40
OR EQUIVALENT APPROVED BY CORNELL LNS.

REV. NO.		ZONE	DESCRIPTION	DATE	APP.
A			CHANGED TITLE NAME	TMK	1/21/02
B			INCREASED ITEM #33 THKNS. BY .145 &		2/29/03
C			INCREASED ITEM #33 THKNS. BY .145 &		2/29/03
			INCREASED ITEM #33 THKNS. BY .145 &		2/29/03
			INCREASED ITEM #33 THKNS. BY .145 &		2/29/03

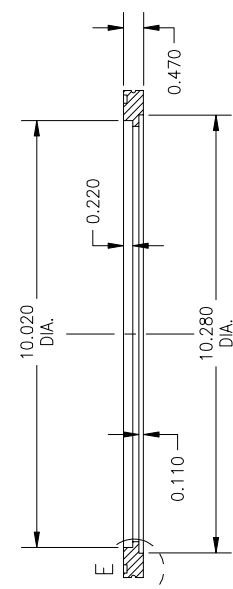
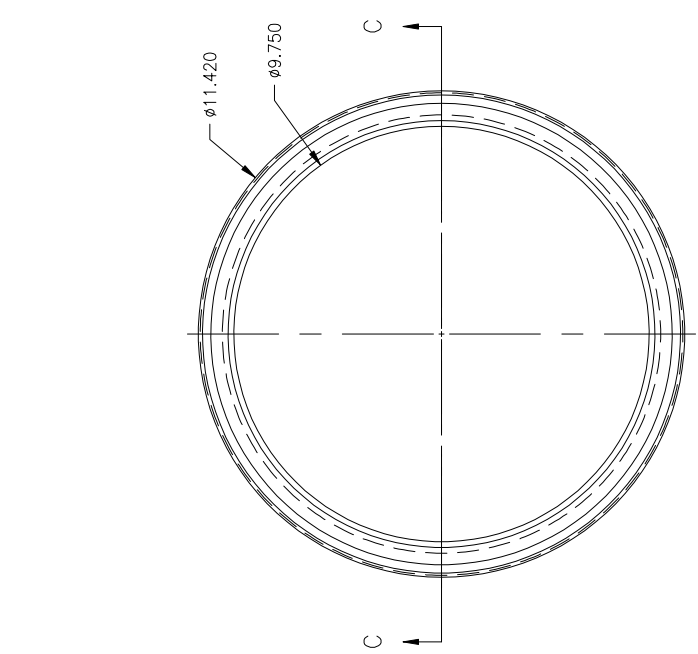


SECTION A-A

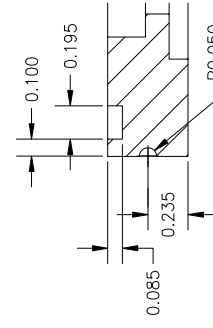


VIEW B
4 x SCALE

33 Stack Outer Jacket Top Flange
D-6070-008-13
MAT'L: SS 304L
QTY: 1

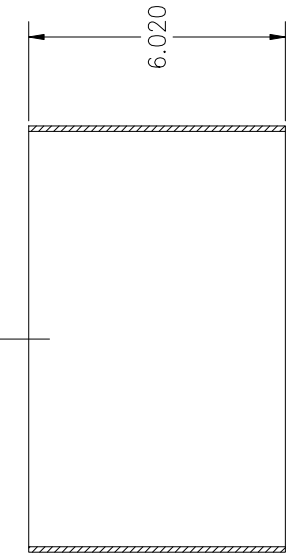
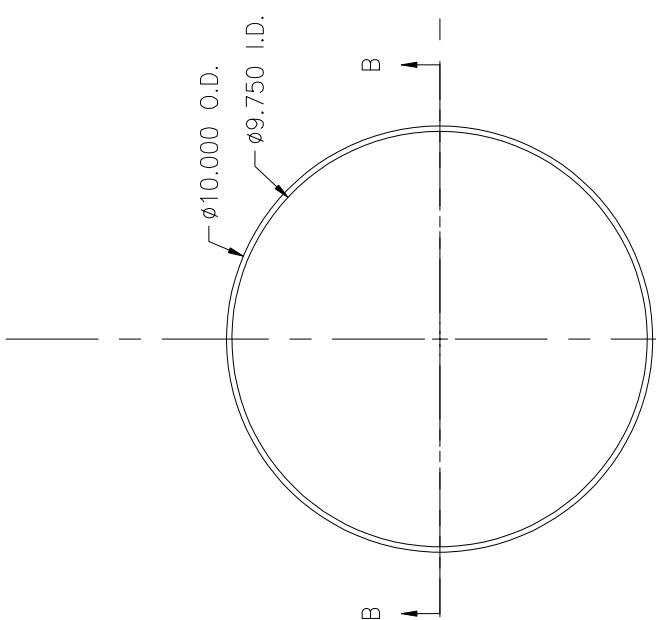


SECTION C-C



VIEW E

35 Stack Outer Jacket Bottom Flange
D-6070-008-13
MAT'L: SS 304L
QTY: 1, PURCHASED FROM MKS, ISO NW250 BORED #100760225



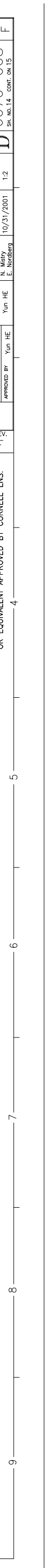
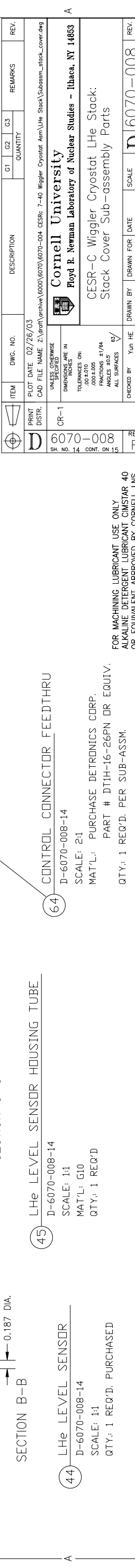
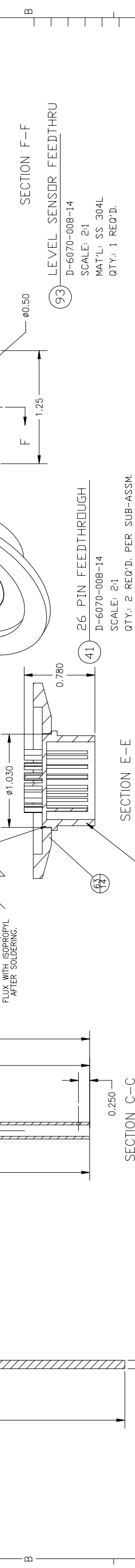
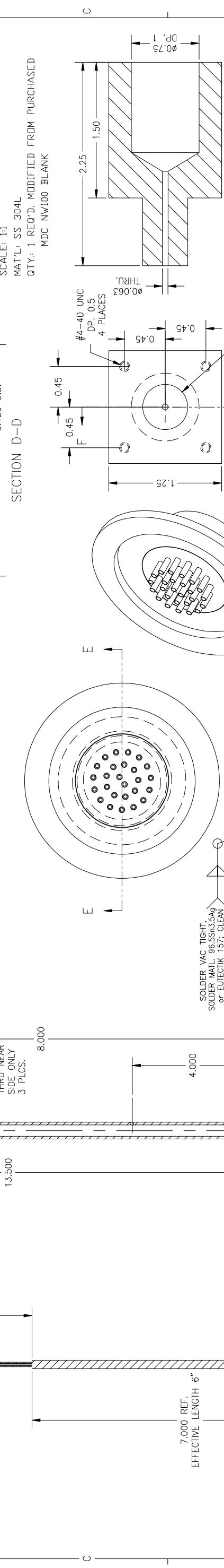
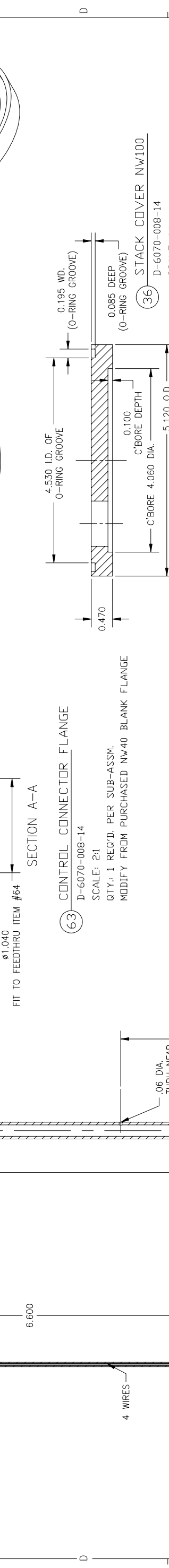
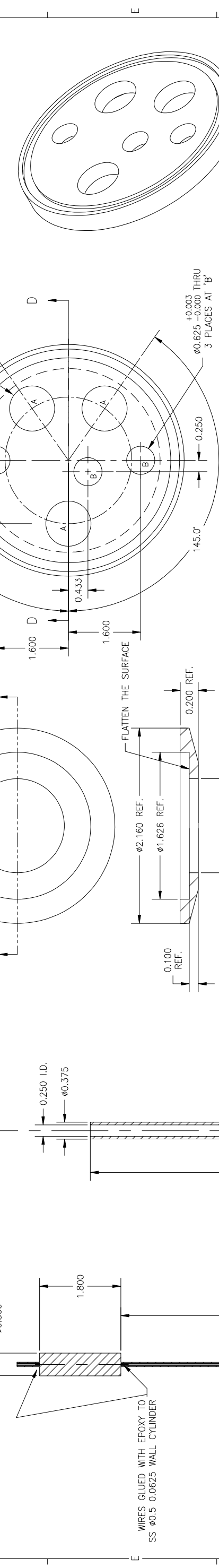
SECTION B-B

34 Stack Outer Jacket Cylinder
D-6070-008-13
MAT'L: SS 304L
QTY: 1

ITEM	DWG. NO.	DESCRIPTION	Q1	Q2	Q3	REMARKS	REV.
D	6070-008	Stack Outer Jacket Parts					
PRINT DATE: 02/25/03 PLOT FILE NAME: z:\draft\archive\6000\6070\6070-004_CESR-7-40_wiggler_cryostat_arm\Lhe_Stack\Subasem_stack_outerjacket.dwg UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: ±1/64 DECIMALS: ±0.005 ANGLES: ±0.5° ALL SURFACES: R/							
CHECKED BY: Yun HE DRAWN BY: Yun HE DATE: 10/31/2001 SCALE: 1:2 APPROVED BY: N. Meshy, E. Nordberg							
Cornell University Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853 CESR-C Wiggler Cryostat LHe Stack: Stack Outer Jacket Parts							
							D 6070-008
							B

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OR EQUIVALENT APPROVED BY CORNELL LNS.

REVISIONS			DATE	APP.
SPL.	ZONE	DESCRIPTION		
A		CHANGED TITLE NAME DETAILED ITEM 41	1/17/02	YH
B		DIMENSION CHANGES ON ITEM 36 ITEM 64 WAS 90 ITEM 63 WAS 89	1/31/02	HW/KMS
C		A-5 CHANGED PURCHASE INFO ON PRT#64 C-6 REVISED "SOLDER VAC TIGHT" NOTE. D.M.E.	8/27/02	YH
D		F-1 B.C.#2.80 WAS Ø1.40	8/29/02	YH
E		REVS. FOR ITEM #41, #63, #64	10/11/02	YH
F		ADDED ITEM #93	1/29/03	YH



1 2 3 4 5 6 7 8 9

ITEM	DWG. NO.	DESCRIPTION	Q1	Q2	Q3	REMARKS	REV.
D	6070-008	PRINT DATE: 02/26/03 CAD FILE NAME: Z:\draft\Verhive\6070\6070-004 CESRc: 7-40 Wiggler Cryostat Asm\LHe Stack\Subasem_stack_cover.dwg					

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ±1/64
000±.005
ANGLES ±0.5°
ALL SURFACES BY CHECKED BY: Yun HE
APPROVED BY: Yun HE

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OR EQUIVALENT APPROVED BY CORNELL LNS.

45 LHe LEVEL SENSOR HOUSING TUBE
D-6070-008-14
SCALE: 1:1
MAT'L: G10
QTY: 1 REQ'D

44 LHe LEVEL SENSOR
D-6070-008-14
SCALE: 1:1
QTY: 1 REQ'D, PURCHASED

63 CONTROL CONNECTOR FLANGE
D-6070-008-14
SCALE: 2:1
MODIFY FROM PURCHASED NW40 BLANK FLANGE
QTY: 1 REQ'D, PER SUB-ASSM.

64 CONTROL CONNECTOR FEEDTHRU
D-6070-008-14
SCALE: 2:1
PURCHASE DETRONICS CORP.
PART # DTHH-16-26PN DR EQUIV.
QTY: 1 REQ'D, PER SUB-ASSM.

93 LEVEL SENSOR FEEDTHRU
D-6070-008-14
SCALE: 2:1
MAT'L: SS 304L
QTY: 1 REQ'D.

36 STACK COVER NW100
D-6070-008-14
SCALE: 1:1
MAT'L: SS 304L
QTY: 1 REQ'D, MODIFIED FROM PURCHASED MDC NW100 BLANK

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CESR-C Wiggler Cryostat LHe Stack:
Stack Cover Sub-assembly Parts

SCALE: 1:2
D 6070-008
SH. NO. 14 CONT. ON 15

DATE: 10/31/2001
DRAWN BY: Yun HE
CHECKED BY: Yun HE

DATE: 10/31/2001
DRAWN FOR: N. Mistry

DATE: 10/31/2001
DRAWN BY: N. Mistry

DATE: 10/31/2001
DRAWN BY: N. Mistry

DATE: 10/31/2001
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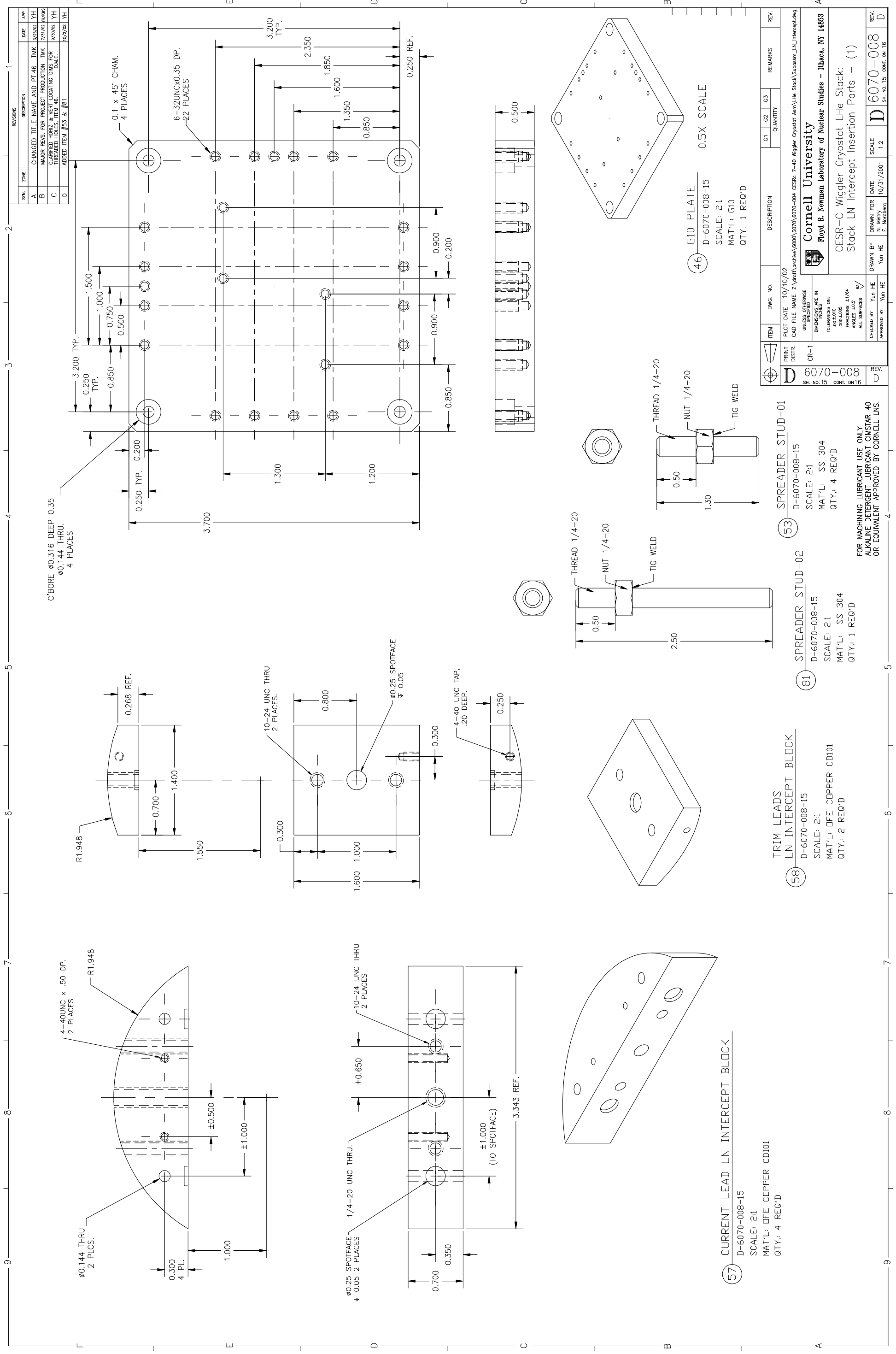
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DRAWN BY: N. Mistry

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DRAWN BY: N. Mistry

DATE: 10/31/2001
DRAWN BY: N. Mistry

DATE: 10/31/2001
DRAWN BY: N. Mistry



REVISONS		DESCRIPTION	DATE	APP.
S/N	ZONE			
A		CHANGED TITLE NAME AND PT. 46	TMK 3/28/02	YH
B		MAJOR REVS. FOR PROJECT PRODUCTION	TMK 7/31/02	M/W/S
C		CLARIFIED HORIZ. & VERT. LOCATING DIMS FOR THREADED HOLES, ITEM #6	W/D	YH
D		ADDED ITEM #53 & #81	10/2/02	YH

C'BORE $\phi 0.316$ DEEP 0.35
 $\phi 0.144$ THRU.
 4 PLACES

4-40UNC x .50 DP.
 2 PLACES

$\phi 0.144$ THRU
 2 PLCS.

$\phi 0.25$ SPOTFACE
 $\nabla 0.05$ 2 PLACES

1/4-20 UNC THRU.
 10-24 UNC THRU
 2 PLACES

10-24 UNC THRU
 2 PLACES.

$\phi 0.25$ SPOTFACE
 $\nabla 0.05$

4-40 UNC TAP.
 .20 DEEP.

TRIM LEADS
 LN INTERCEPT BLOCK
 D-6070-008-15
 SCALE: 2:1
 MAT'L: OFE COPPER CD101
 QTY.: 2 REQ'D

SPREADER STUD-02
 D-6070-008-15
 SCALE: 2:1
 MAT'L: SS 304
 QTY.: 1 REQ'D

SPREADER STUD-01
 D-6070-008-15
 SCALE: 2:1
 MAT'L: SS 304
 QTY.: 4 REQ'D

CURRENT LEAD LN INTERCEPT BLOCK
 D-6070-008-15
 SCALE: 2:1
 MAT'L: OFE COPPER CD101
 QTY.: 4 REQ'D

G10 PLATE
 D-6070-008-15
 SCALE: 2:1
 MAT'L: G10
 QTY.: 1 REQ'D

G10 PLATE
 D-6070-008-15
 SCALE: 2:1
 MAT'L: G10
 QTY.: 1 REQ'D

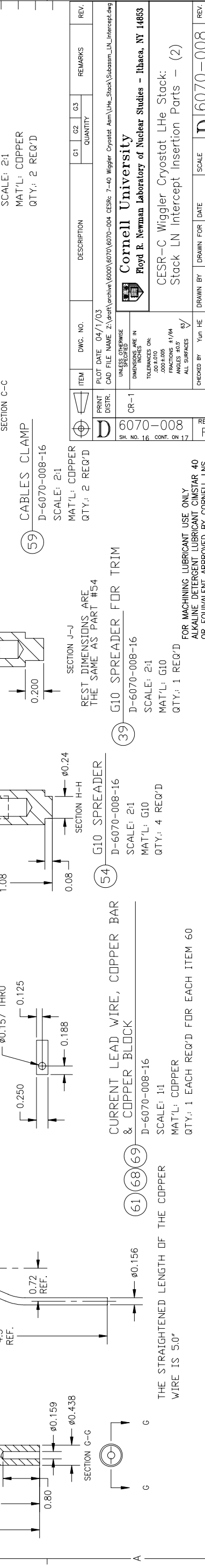
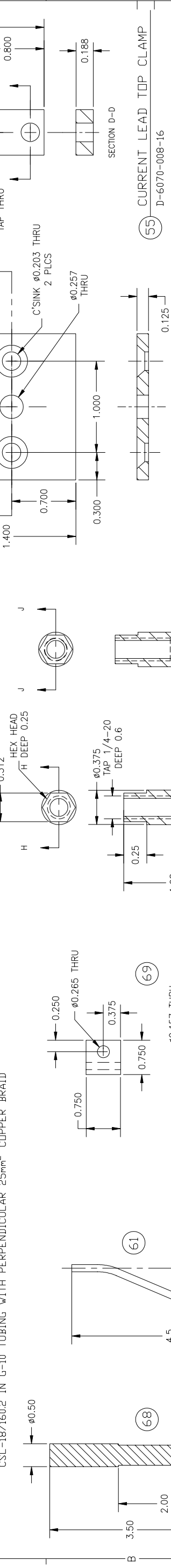
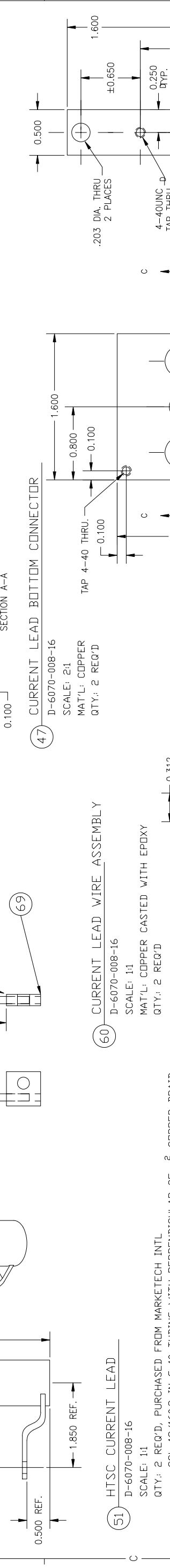
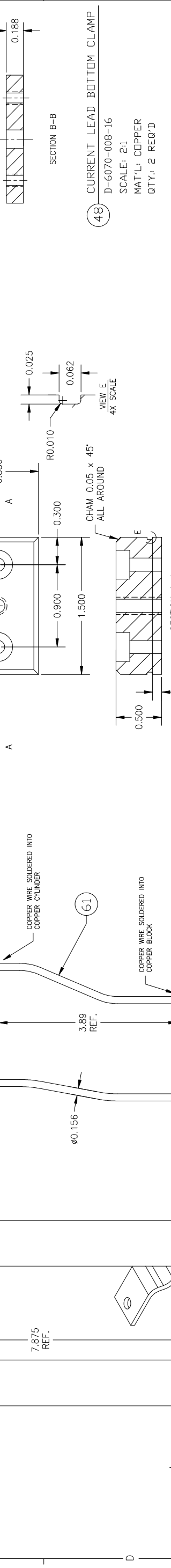
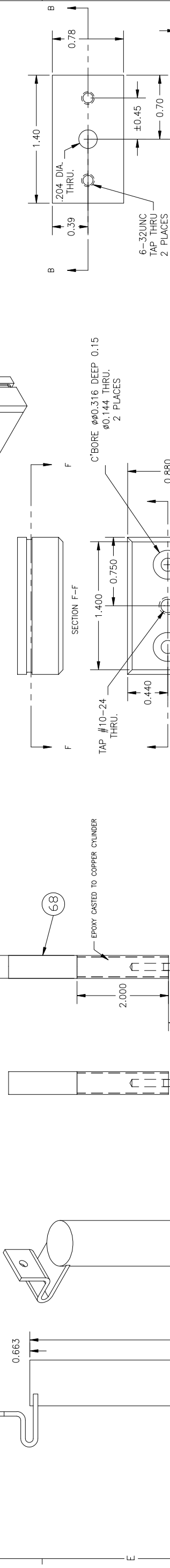
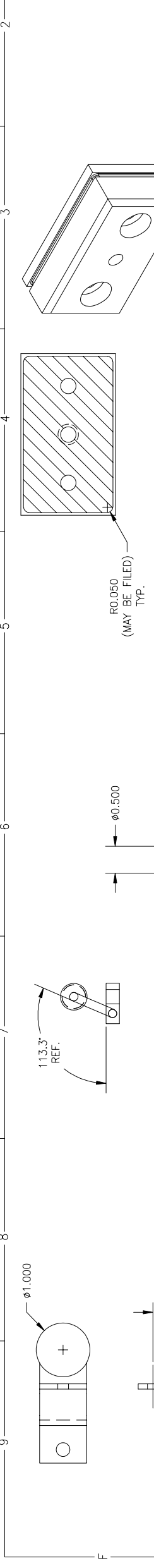
ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REMARKS	REV.
D	6070-008	LN INTERCEPT BLOCK			D
D	6070-008	SPREADER STUD-02			D
D	6070-008	SPREADER STUD-01			D
D	6070-008	G10 PLATE			D

Cornell University
 Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853
 CESR-C Wiggler Cryostat LHe Stack:
 Stack LN Intercept Insertion Parts - (1)

FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.

PRINT	D	DISTR.	CR-1	DATE	10/10/02
CHECKED BY	Yun HE	DATE	10/31/2001	SCALE	1:2
DRAWN BY	Yun HE	DATE	10/31/2001	SCALE	1:2
APPROVED BY	Yun HE	DATE	10/31/2001	SCALE	1:2
REV.	D	REV.	D	REV.	D

REVISED SHEET (7 WAS 000)		DATE	APP.
A	MAJOR REVISIONS FOR PROJECT PRODUCTION	7/31/02	YH
B	REVISION FOR ITEM #54	8/29/02	YH
C	REVS. FOR #47, #54, #59, #61, ADDED #54	9/20/02	YH
D	ITEM #61: 4.5 REF. WAS 5.0 REF. .72 REF. WAS 7.9 REF. NO LONGER A 8 LG THICKER END. ITEM #68: .159 DIA. WAS .188 DIA. D.M.E.	01/20/03	YH
E			
F			



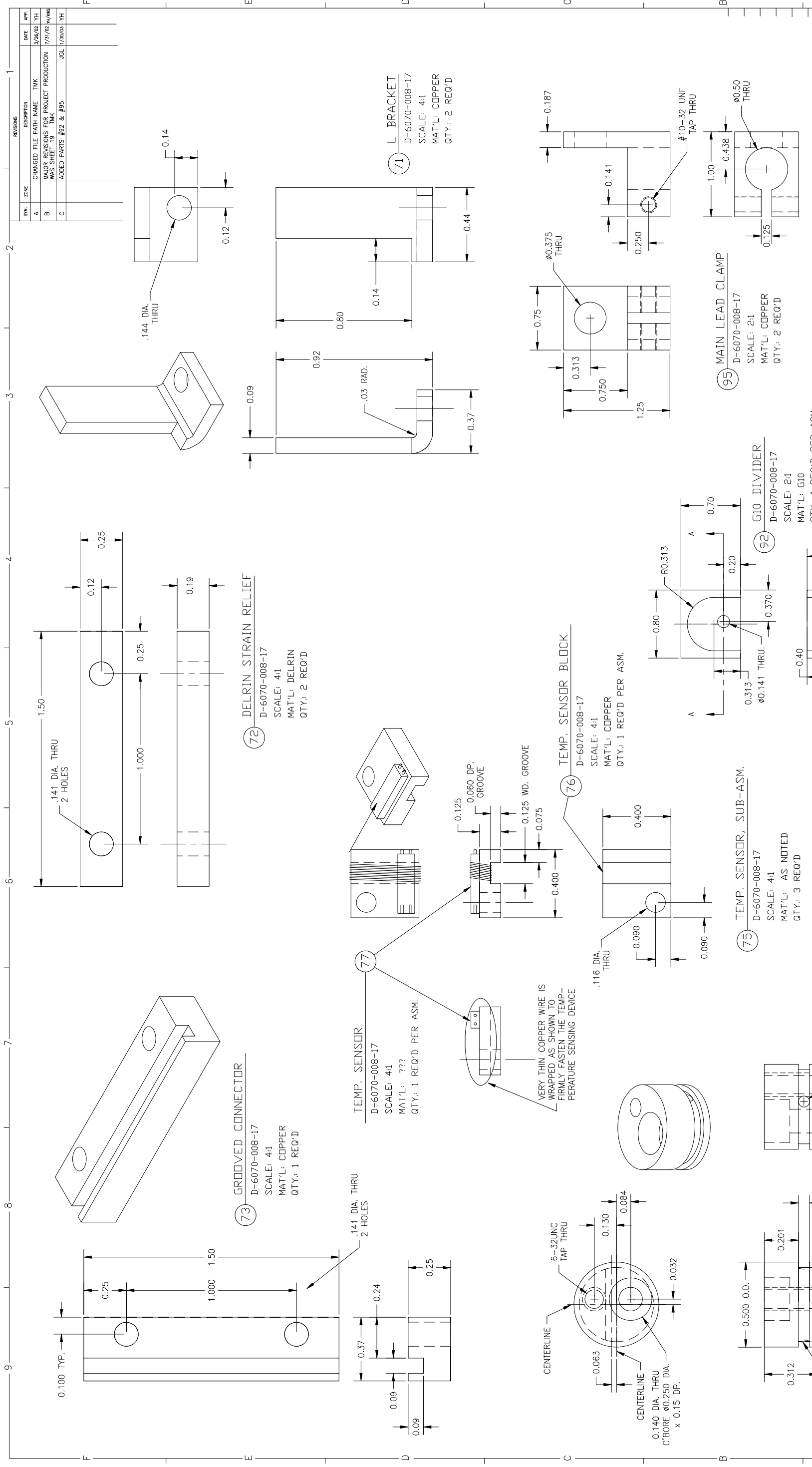
ITEM	DWG. NO.	DESCRIPTION	QTY	REMARKS
51	D-6070-008-16	HTSC CURRENT LEAD	2	SCALE: 1:1 QTY: 2 REQ'D CSL-18/160.2 IN G-10 TUBING WITH PERPENDICULAR 25mm ² COPPER BRAID
54	D-6070-008-16	G10 SPREADER	4	SCALE: 2:1 MAT'L: G10 QTY: 4 REQ'D
55	D-6070-008-16	CURRENT LEAD TOP CLAMP	2	SCALE: 2:1 MAT'L: COPPER QTY: 2 REQ'D
59	D-6070-008-16	CABLES CLAMP	2	SCALE: 2:1 MAT'L: COPPER QTY: 2 REQ'D
60	D-6070-008-16	CURRENT LEAD WIRE ASSEMBLY	2	SCALE: 1:1 MAT'L: COPPER CASTED WITH EPOXY QTY: 2 REQ'D
69	D-6070-008-16	CURRENT LEAD WIRE, COPPER BAR & COPPER BLOCK	1	SCALE: 1:1 MAT'L: COPPER QTY: 1 EACH REQ'D FOR EACH ITEM 60
47	D-6070-008-16	CURRENT LEAD BOTTOM CONNECTOR	2	SCALE: 2:1 MAT'L: COPPER QTY: 2 REQ'D
48	D-6070-008-16	CURRENT LEAD BOTTOM CLAMP	2	SCALE: 2:1 MAT'L: COPPER QTY: 2 REQ'D
39	D-6070-008-16	G10 SPREADER FOR TRIM	1	SCALE: 2:1 MAT'L: G10 QTY: 1 REQ'D REST DIMENSIONS ARE THE SAME AS PART #54

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PRINT DATE: 04/1/03
 CAD FILE NAME: Z:\draft\verhive\6000\6070\6070-004 CESR: 7-40 Wiggler Cryostat Arm\LHe_Stack\Subassem_LN_Intercept.dwg
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 FRACTIONS ±1/64
 DECIMALS ±0.005
 ANGLES ±0.5
 ALL SURFACES

APPROVED BY: Yun HE
 CHECKED BY: N. Mishy
 DRAWN BY: Yun HE
 DATE: 10/31/2001
 SCALE: 1:2
 REV: F

FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.



ITEM	DWG. NO.	DESCRIPTION	QTY	G1	G2	G3	REMARKS	REV.
71	D-6070-008-17	L BRACKET	2					
72	D-6070-008-17	DELRIN STRAIN RELIEF	2					
73	D-6070-008-17	GROOVED CONNECTOR	1					
74	D-6070-008-17	ROUND CONNECTOR	4					
76	D-6070-008-17	TEMP. SENSOR BLOCK	1					
77	D-6070-008-17	TEMP. SENSOR	1					
92	D-6070-008-17	G10 DIVIDER	1					
95	D-6070-008-17	MAIN LEAD CLAMP	2					

SYN.	ZONE	DESCRIPTION	DATE	APP.
A		CHANGED FILE PATH NAME	3/26/02	YH
B		MAJOR REVISIONS FOR PROJECT PRODUCTION WAS SHEET 19	7/21/02	MY/MS
C		ADDED PARTS #92 & #95	JCL 1/29/03	YH

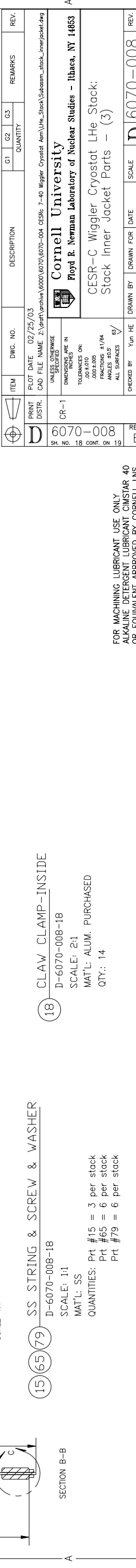
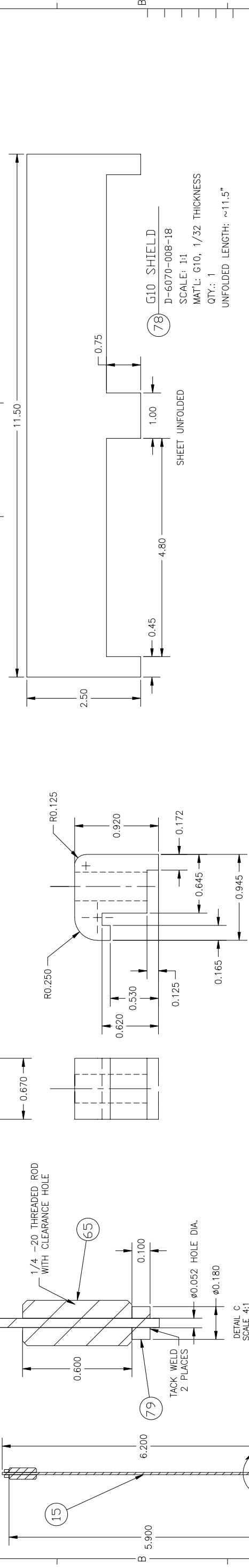
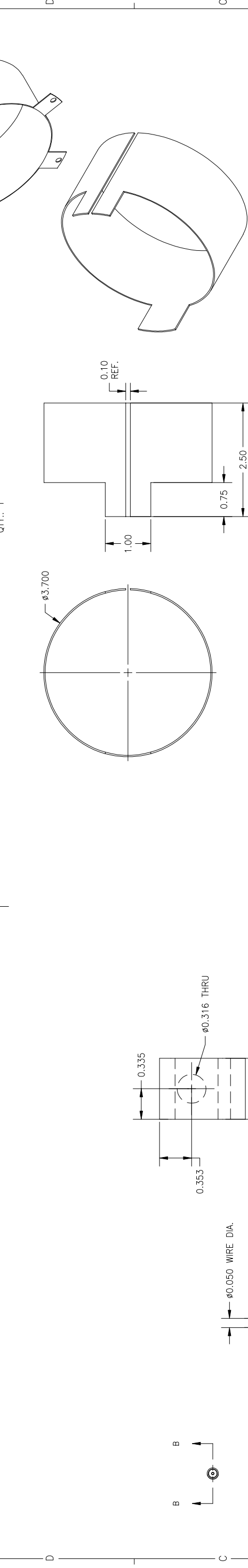
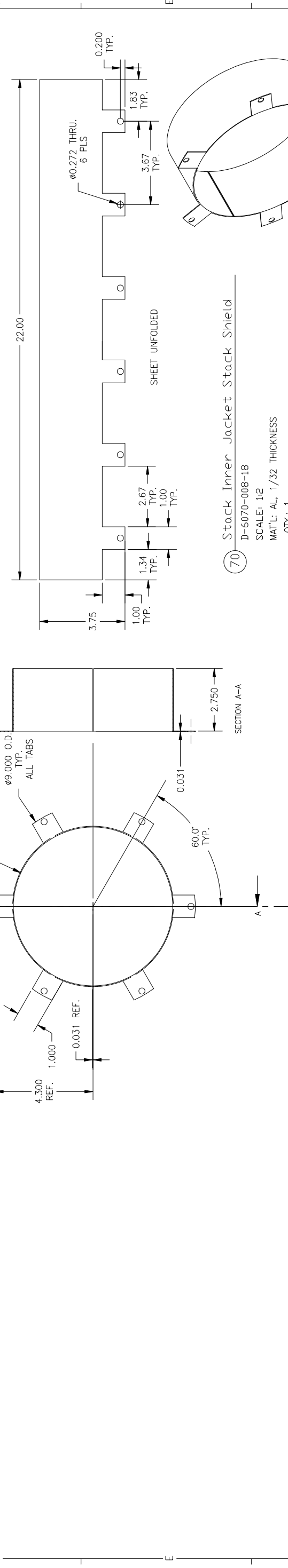
PRINT	D-6070-008	DESCRIPTION	WIRING CONNECTORS
DISTR.	6070-008	DATE	02/11/02
CR-1	6070-008	SCALE	1:4
	6070-008	DRAWN BY	Yun He
	6070-008	CHECKED BY	N. Mishy
	6070-008	APPROVED BY	E. Nordberg

Cornell University Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853	
CESR-C Wiggler Cryostat LHe Stack: WIRING CONNECTORS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ARE: FRACTIONS ±1/64 DECIMALS ±0.005 ANGLES ±0.5° ALL SURFACES	

FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.

SYN.	ZONE	DESCRIPTION	DATE	APP.
A		ADDED ITEM #31 TANK	5/25/02	JH
B		MAJOR REVISIONS PROJECT PRODUCTION	7/31/02	MY/MS
C		ADDED UNFOLD NEW FOR ITEM #70 & #78	8/20/02	YH
D		Confirmed quantities for parts #15, #65, #79	11/29/02	TOC
E	A-6	DELETED ITEM #19 & INCREASED QTY. OF ITEM #18 TO 14	02/25/03	JSL



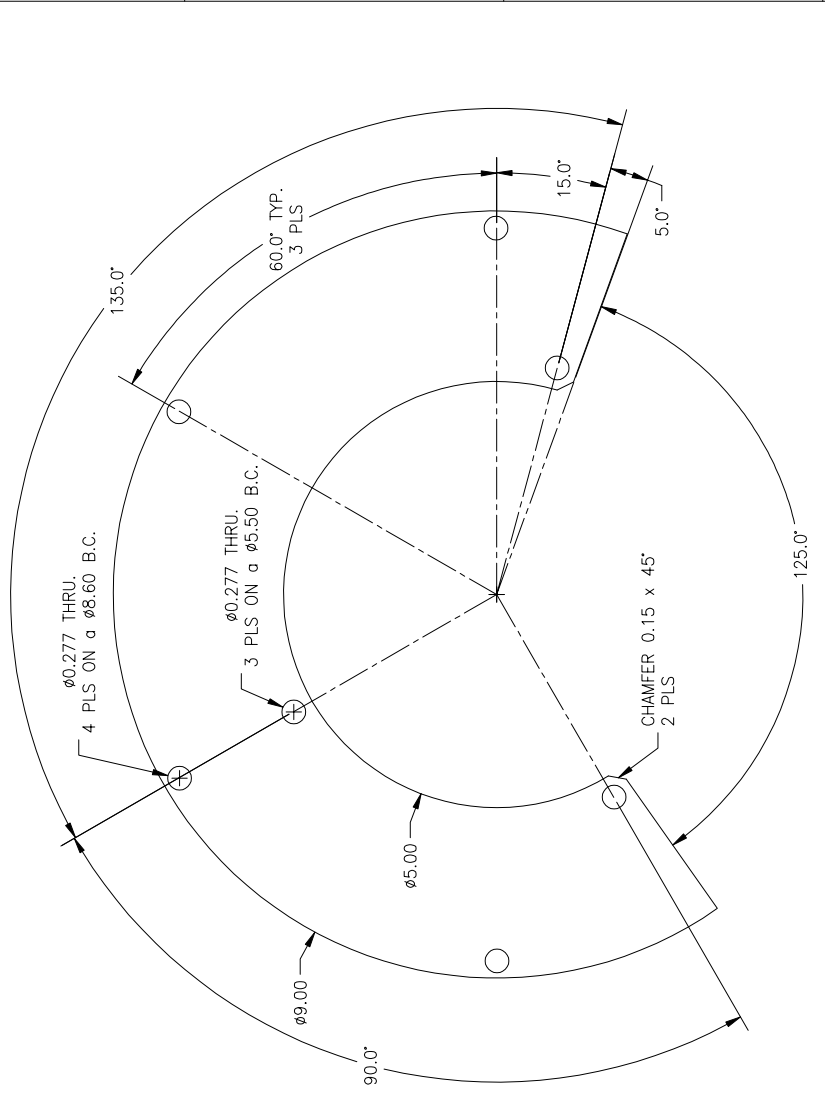
ITEM	DWG. NO.	DESCRIPTION	QUANTITY	REV.
D	6070-008	Stack Inner Jacket Stack Shield	1	D
E	6070-008	Claw Clamp-Inside	14	E
F	6070-008	SS String & Screw & Washer	6	F
G	6070-008	G10 Shield	1	G

Cornell University
 Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853
 CESR-C Wiggler Cryostat LHe Stack:
 Stack Inner Jacket Parts - (3)

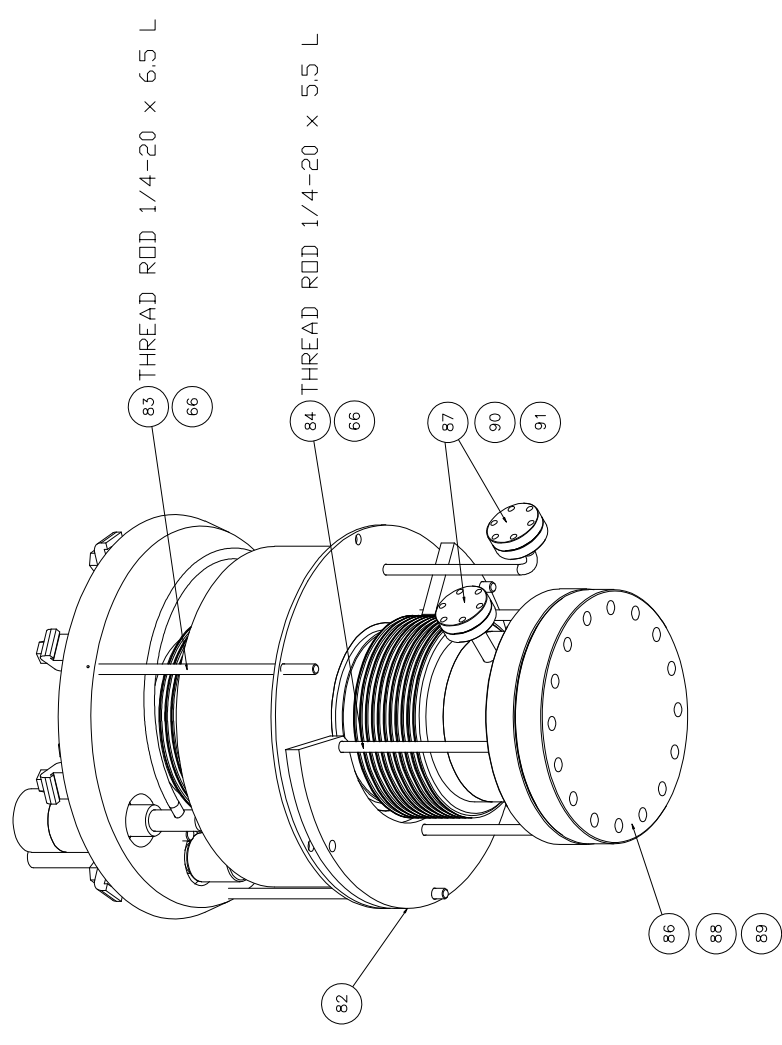
FOR MACHINING LUBRICANT USE ONLY
 ALKALINE DETERGENT LUBRICANT CIMSTAR 40
 OR EQUIVALENT APPROVED BY CORNELL LNS.

PRINT DISTR. CR-1
 PLOT DATE 02/25/03
 CAD FILE NAME Z:\nrd\archiv\6000\6070\6070-004-CESR-7-40 Wiggler Cryostat Asm\Lhe_Stack\Subasm_stack_innerjacket.dwg
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE IN INCHES
 FRACTIONS ±1/64
 DECIMALS ±0.005
 ANGLES ±0.5
 ALL SURFACES BY
 CHECKED BY Yun HE
 DRAWN BY Yun HE
 APPROVED BY N. Meshy, E. Nordberg
 DRAWN FOR DATE 02/04/02
 SCALE 1:1
 REV. E

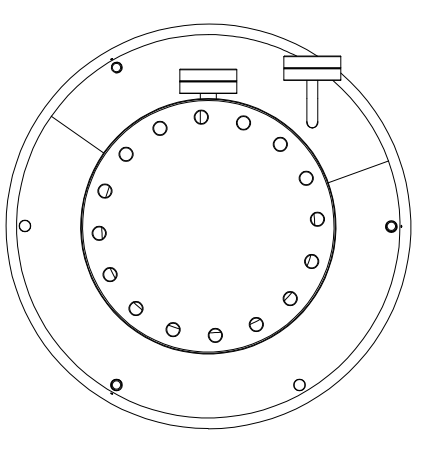
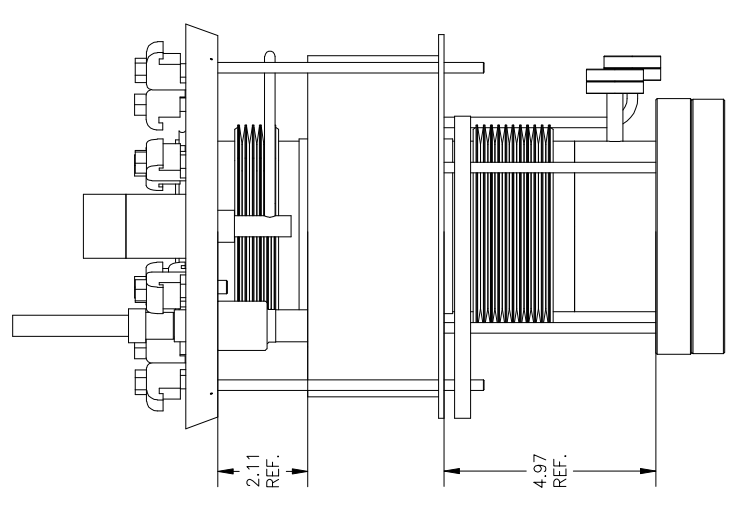
REVISIONS		DATE	APP.
SYN.	ZONE	DESCRIPTION	
A	E-S	CHANGED LABEL FOR ITEM #85 TO #66	2/15/03 YH



82 BELLOWS SUPPORTING FLANGE
D-6070-008-19
SCALE: 1:1
MAT'L: AL, 3/8" THK.
QTY.: 1 PER STACK



BLANK OFF ITEM #86 & #87, AND ASSEMBLE
ITEM #81 BEFORE LEAK CHECK THE STACK
REMOVE ALL THESE FIXTURES BEFORE INSTALLING
THE STACK INTO THE CRYOSTAT



ITEM	DWG. NO.	DESCRIPTION	QTY.	REV.
D	6070-008	BELLOWS SUPPORTING FLANGE		
A				

PRINT DISTR.	PLOT DATE	CAD FILE NAME	DESCRIPTION	SCALE
CR-1	02/28/03	Z:\verif\active\6000\6070\6070-004_CESR_7-40_Wiggler_Cryostat_Asm\lHe_stack\figure_in_casmn.dwg		1:2

UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE IN INCHES	DRAWN BY Yun HE
FRACTIONS 1/4	CHECKED BY N. Mishy
ANGLES 30.5	APPROVED BY E. Nordberg
ALL SURFACES	

DATE	BY	DATE	BY	SCALE
10/15/2002	Yun HE	10/15/2002	N. Mishy	1:2

REV.	DATE	DESCRIPTION
A		

REV.	DATE	DESCRIPTION
A		

Cornell University
Floyd B. Newman Laboratory of Nuclear Studies - Ithaca, NY 14853
CESR-C Wiggler Cryostat LHe Stack:
Stack Fixtures

FOR MACHINING LUBRICANT USE ONLY
ALKALINE DETERGENT LUBRICANT CIMSTAR 40
OR EQUIVALENT APPROVED BY CORNELL LNS.