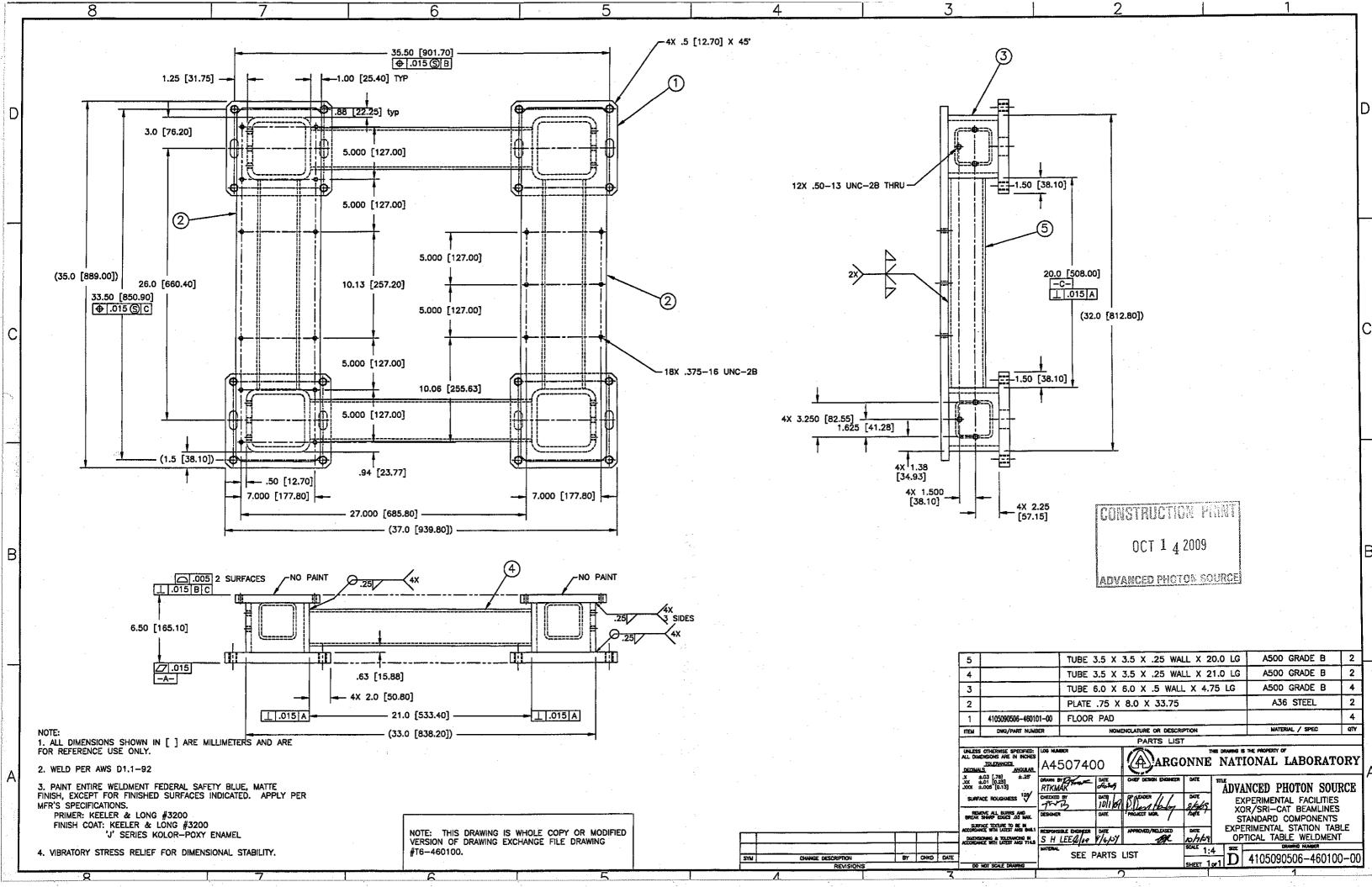


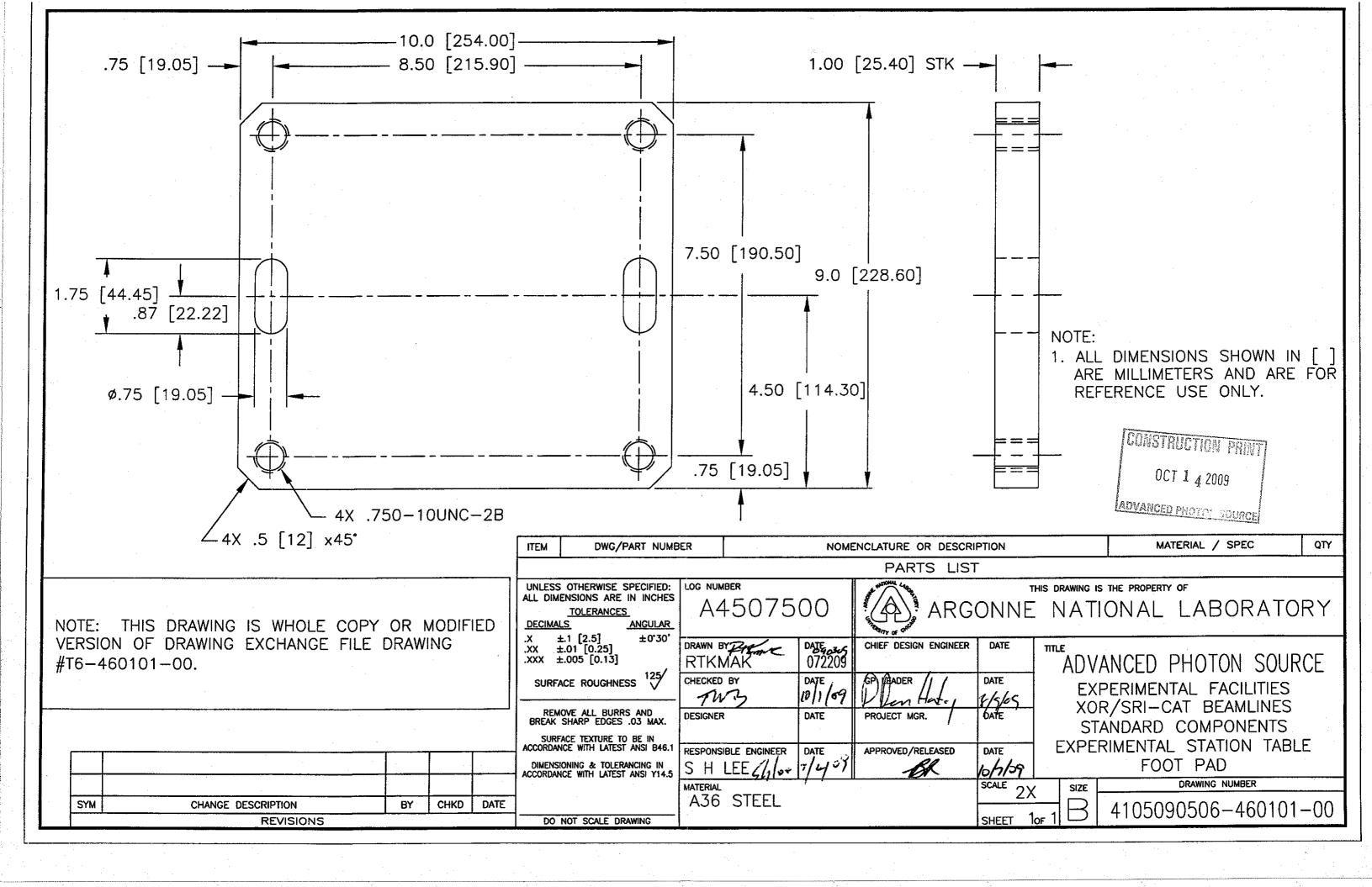
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- 2. ISOLOC ARTICLE #IPL10, VIBRATION INSULATION PANEL

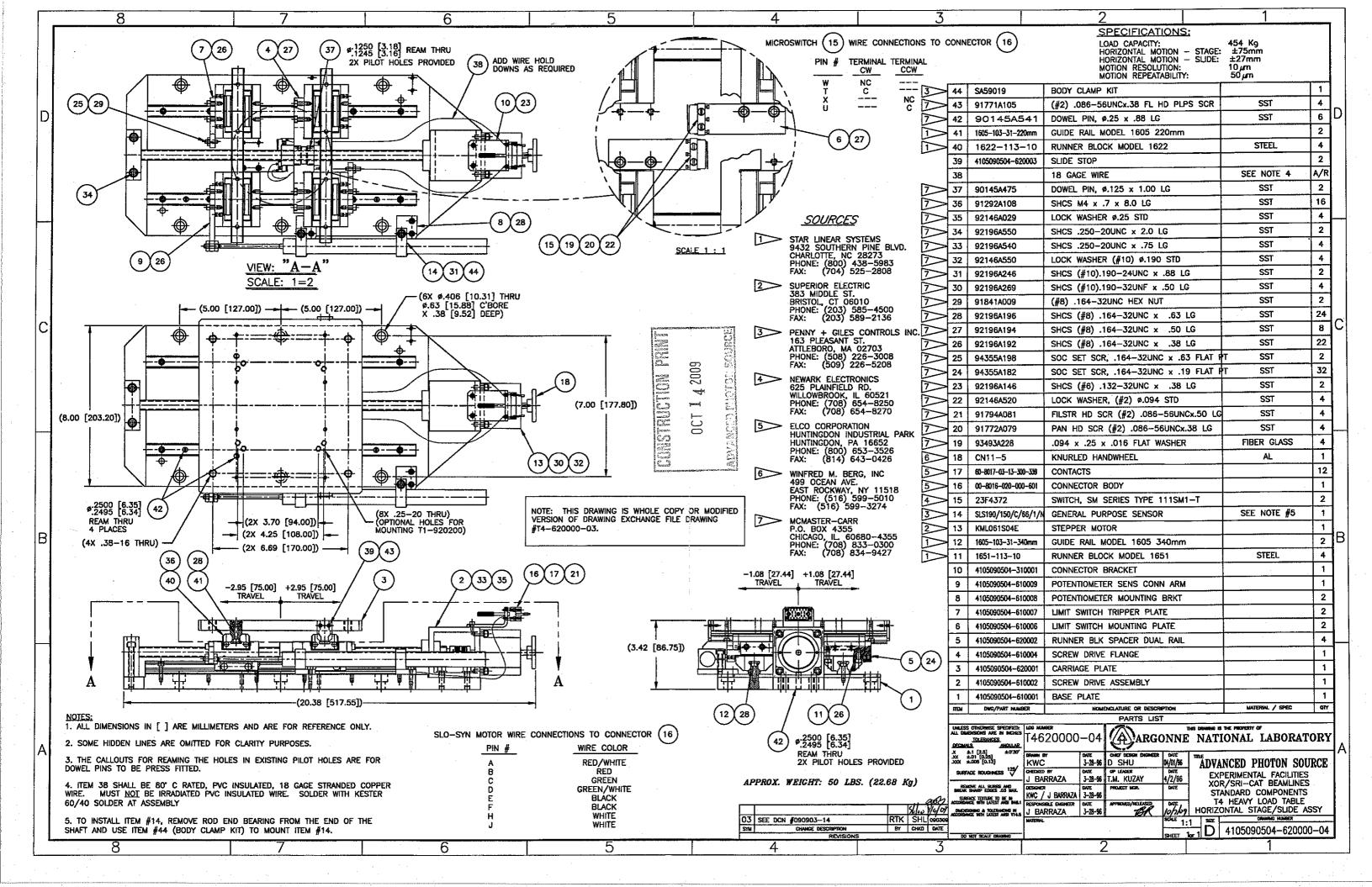
ISOLOC SCHWINGUNGSTECHNIK GMBH MOTORSTR 64 D-70499 STUTTGART (WEILIMDORF), GERMANY PHONE: +49-7 11/6 97 60-0 WWW.ISOLOC.DE

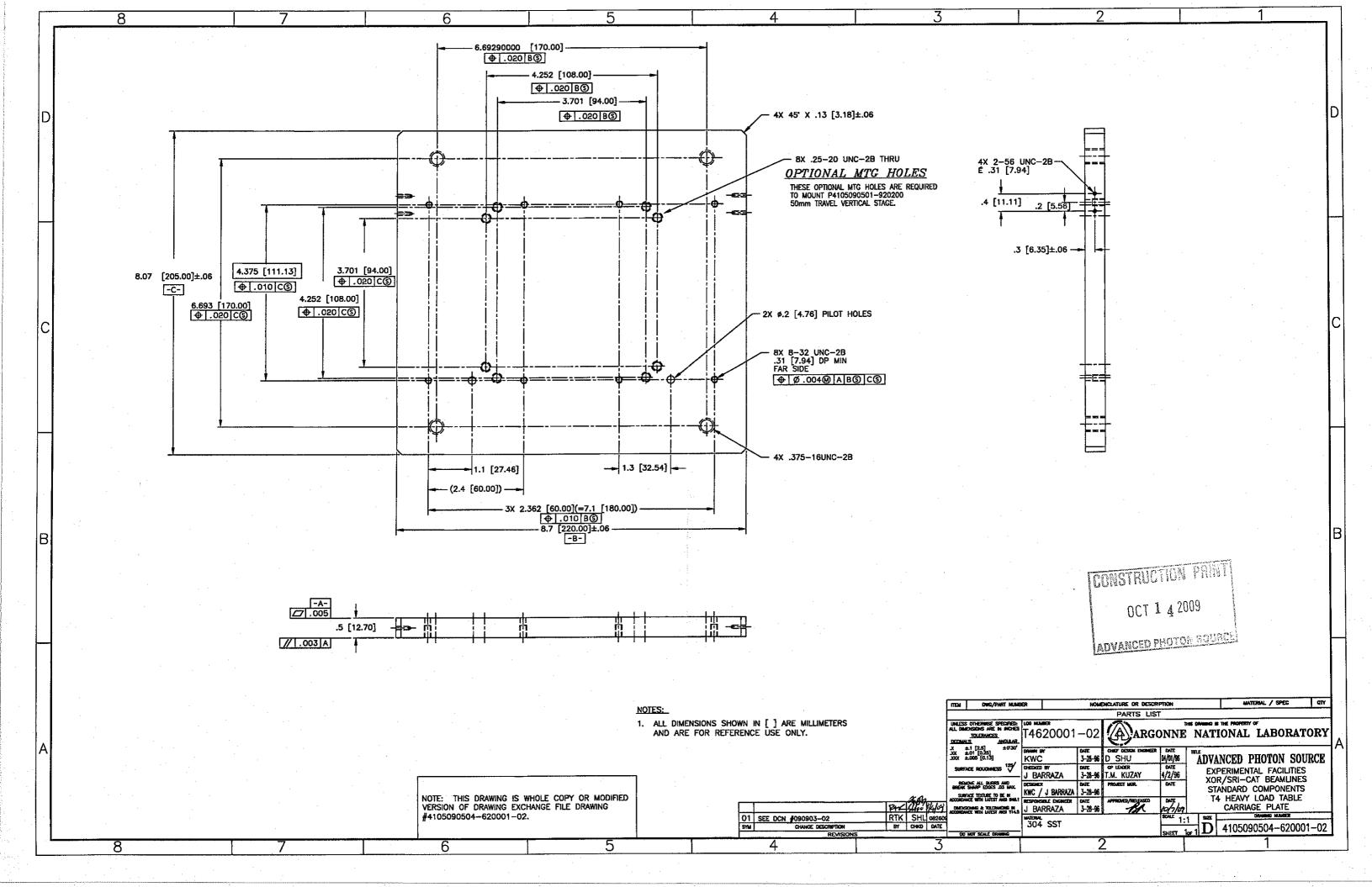
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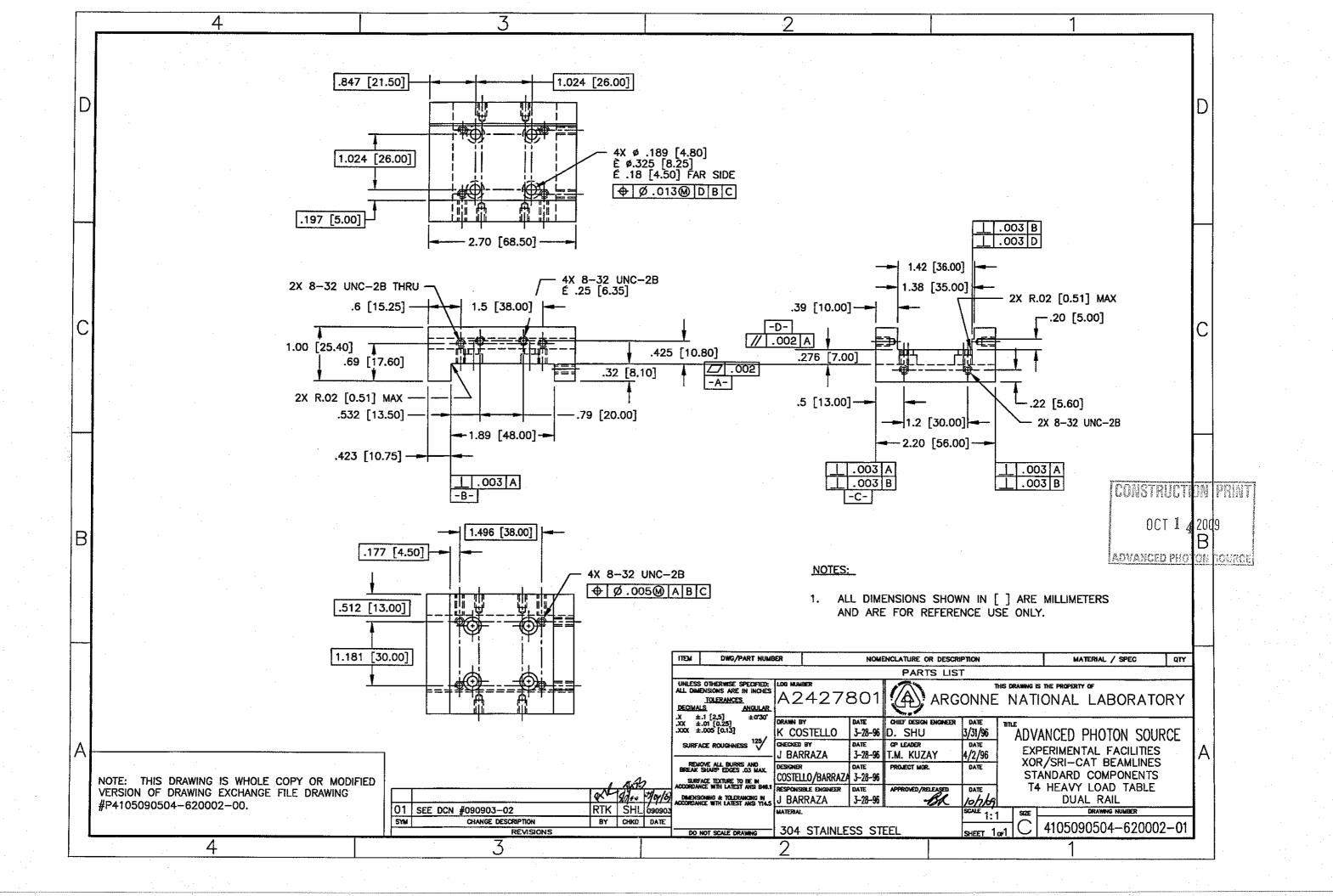
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XXX XXX	±.1 [2.5] ±0°30° ±.01 [0.25] ±.005 [0.13]	DRAWN BYPHANE RTKMAK	081009	CHIEF DESIGN ENGINEER	DATE	ADV.	ANCED PHOTON SOUR	CE		
SUR	RFACE ROUGHNESS 125	CHECKED BY	DATE	OP HEADER	8/9/65	-	PERIMENTAL FACILITIES R/SRI-CAT BEAMLINES			
BREA	EMOVE ALL BURRS AND K SHARP EDGES .03 MAX. IRFACE TEXTURE TO BE IN	DESIGNER	DATE	PROJECT MGR.	DATE	ST	ANDARD COMPONENTS	_		
ACCORE DIME	DANCE WITH LATEST ANSI B46.1 NSIONING & TOLERANCING IN DANCE WITH LATEST ANSI Y14.5	S H LEE SHIPE	DATE 9/4/27	APPROVED/RELEASED	DATE 10/1/bg		RIMENTAL STATION TABLE ATION INSULATION PANEI			
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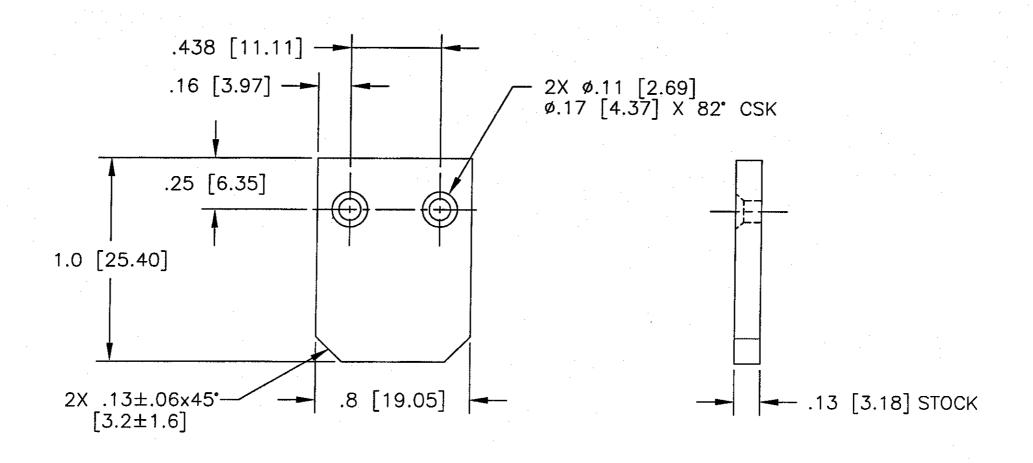












NOTE:

1. ALL DIMENSIONS SHOWN IN [] ARE MILLIMETERS AND ARE FOR REFERENCE USE ONLY.

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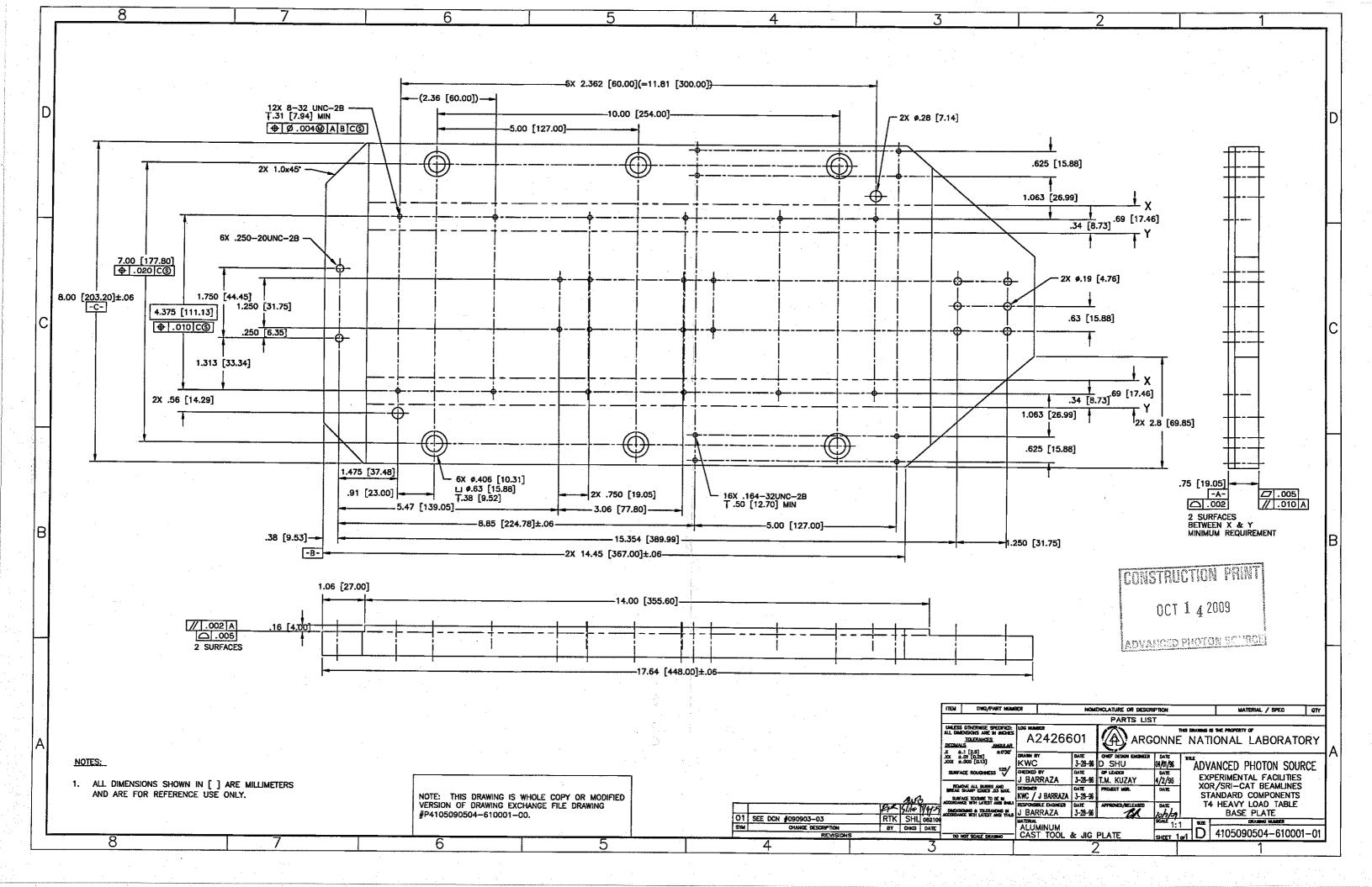
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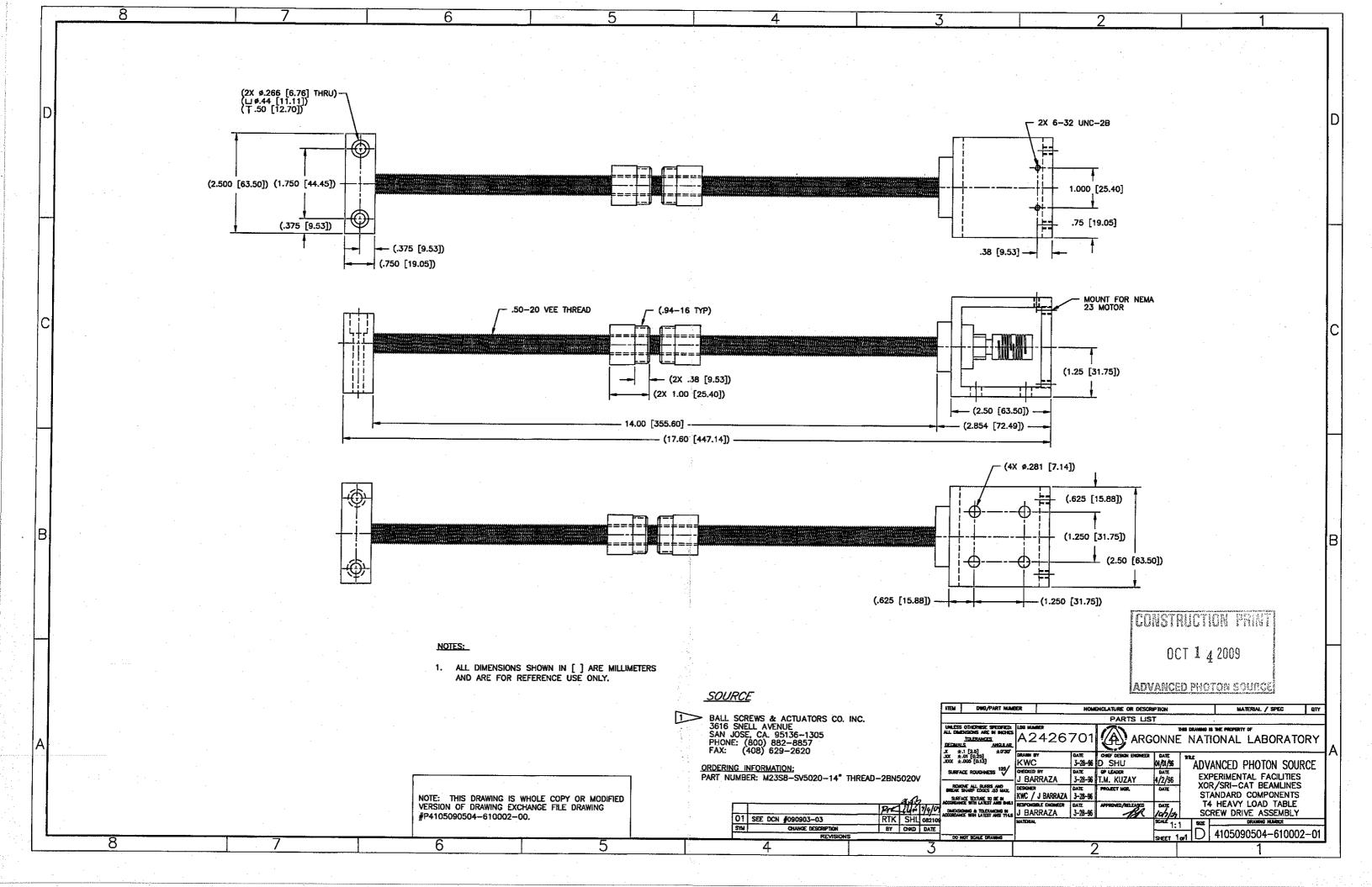
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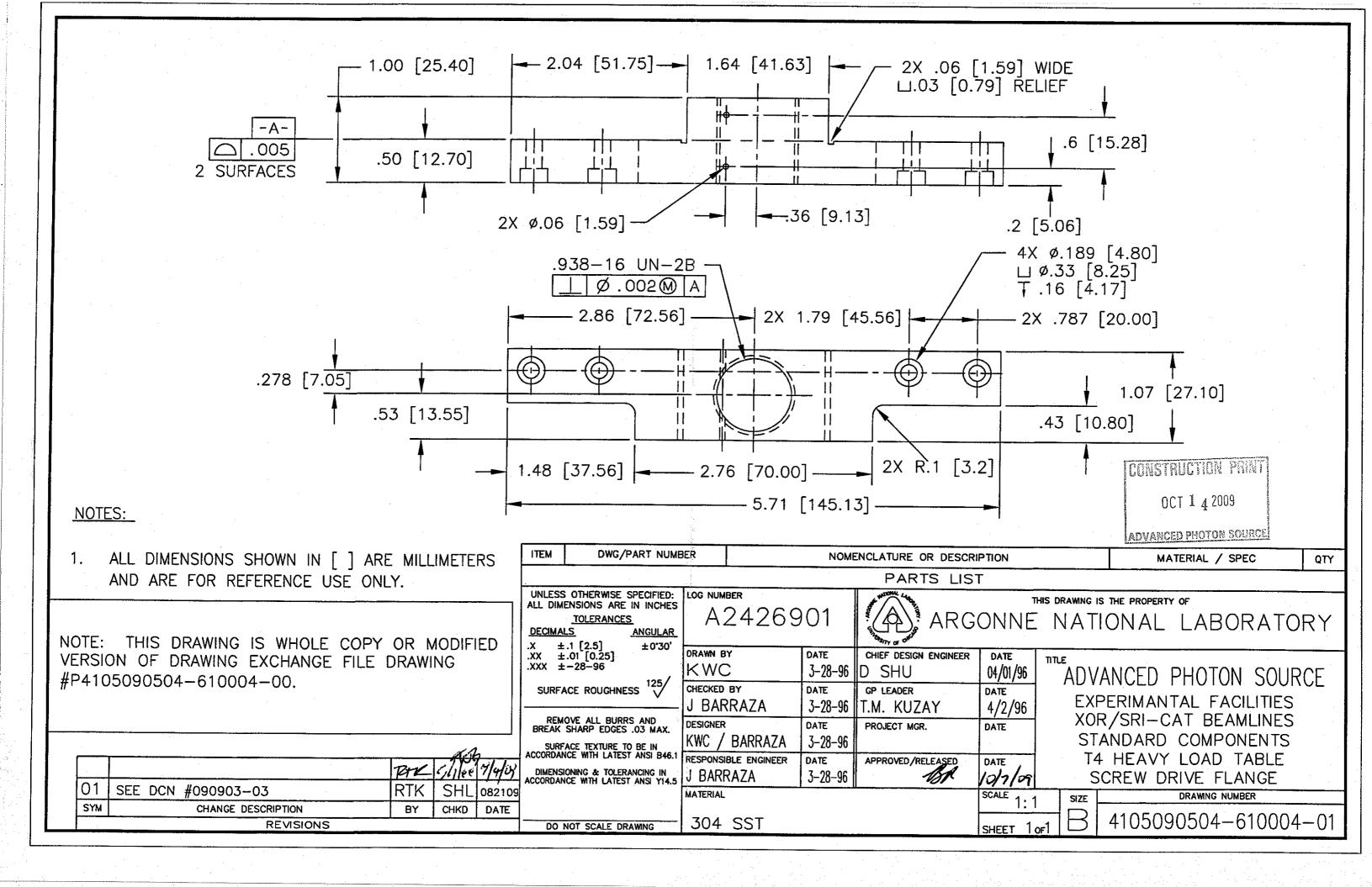
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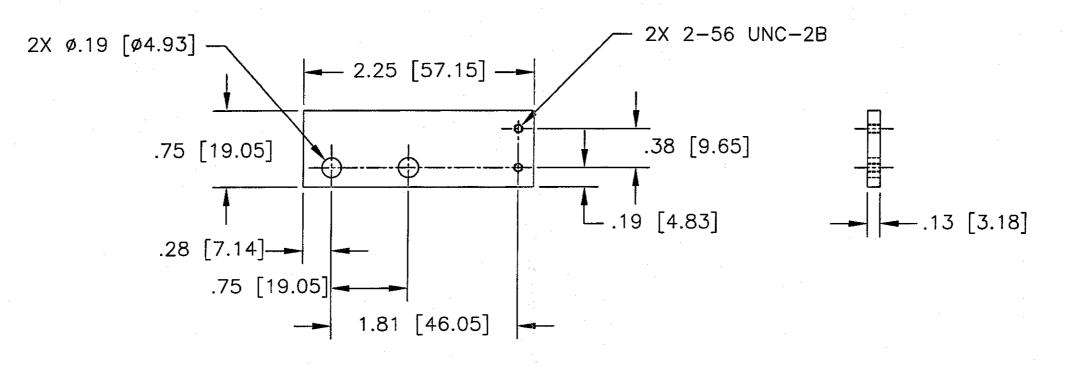
			and	2
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SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

	ITEM	DWG/PART NUME	DER	NOM	ENCLATURE OR DESCRI	PTION		MATERIAL / SPEC	QTY	
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	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR X ±.1 [2.5] ±0°30′		LOG NUMBER A24279	01	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABOR				RY	
	.XX ±	.01 [0.25] 28-96	DRAWN BY KWC	DATE 3-28-96	CHIEF DESIGN ENGINEER D SHU	DATE 04/01/96	TITLE ADV	ANCED PHOTON SOUR	CF	
-	REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN		CHECKED BY J BARRAZA	DATE 3-28-96	GP LEADER T.M. KUZAY	DATE 4/2/96	EXPERIMANTAL FACILITIES			
			designer KWC / BARRAZA	DATE 3-28-96	PROJECT MGR.	DATE	STA	R/SRI-CAT BEAMLINES ANDARD COMPONENTS		
,9	DIMENSI	CE WITH LATEST ANSI B46.1 ONING & TOLERANCING IN CE WITH LATEST ANSI Y14.5	RESPONSIBLE ENGINEER J BARRAZA	3-28-96	APPROVED/RELEASED	DATE 10/7/59		HEAVY LOAD TABLE SLIDE STOP		
09			MATERIAL			SCALE 1:1	SIZE	DRAWING NUMBER		
rE -	DO N	IOT SCALE DRAWING	6061-T6 ALL	JMINUN	1	4	_{sf1} B	4105090504-620003	-01	









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1. ALL DIMENSIONS SHOWN IN [] ARE MILLIMETERS AND ARE FOR REFERENCE USE ONLY.



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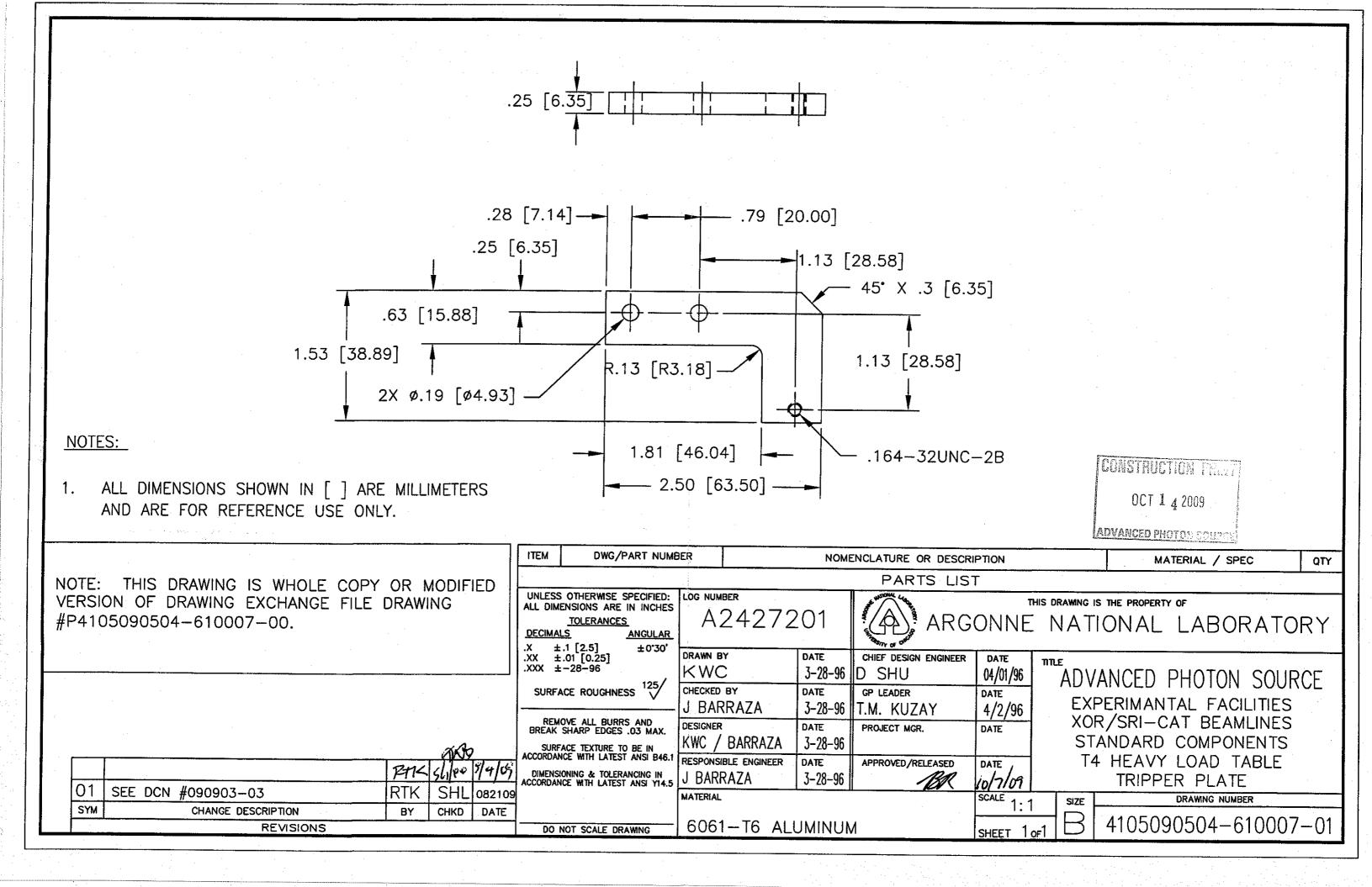
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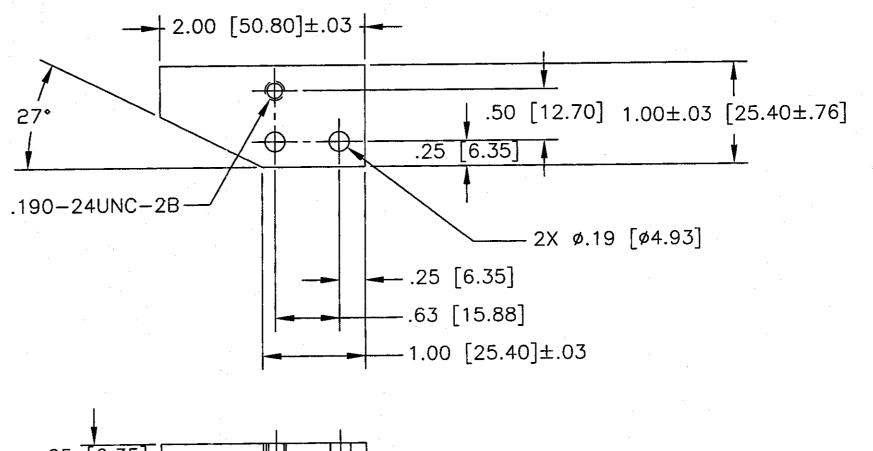
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	.X ±.1 [2.5] ±0'30' .XX ±.01 [0.25] .XXX ±-28-96	DRAWN BY KWC	DATE 3-28-96	CHIEF DESIGN ENGINEER D SHU	DATE 04/01/96	ADVANCED PHOTON SOURCE					
	SURFACE ROUGHNESS 125	CHECKED BY J BARRAZA	J-28-96	GP LEADER T.M. KUZAY	DATE 4/2/96	EXPERIMANTAL FACILITIES					
	REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN	DESIGNER KWC / BARRAZA	J-28-96	PROJECT MGR.	DATE	XOR/SRI-CAT BEAMLINES STANDARD COMPONENTS					
H		RESPONSIBLE ENGINEER J BARRAZA	DATE 3-28-96	APPROVED/RELEASED	DATE 10/7/09	T4 HEAVY LOAD TABLE MOUNTING PLATE					
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Ε	DO NOT SCALE DRAWING	6061-T6 ALL	JMINUN	И	SHEET 1	B 4105090504-610006-01					

NOMENCLATURE OR DESCRIPTION





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1. ALL DIMENSIONS SHOWN IN [] ARE MILLIMETERS AND ARE FOR REFERENCE USE ONLY.

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DWG/PART NUMBER

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PARTS LIST THIS DRAWING IS THE PROPERTY OF UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES A2427301 ARGONNE NATIONAL LABORATORY **TOLERANCES** DECIMALS ANGULAR .X ±.1 [2.5] .XX ±.01 [0.25] .XXX ±-28-96 ±0'30' CHIEF DESIGN ENGINEER DATE DRAWN BY DATE ADVANCED PHOTON SOURCE 3-28-96 D SHU 04/01/96 KWC SURFACE ROUGHNESS 125/ DATE GP LEADER CHECKED BY DATE EXPERIMANTAL FACILITIES 4/2/96 J BARRAZA 3-28-96 T.M. KUZAY XOR/SRI-CAT BEAMLINES REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. PROJECT MGR. DATE DESIGNER DATE STANDARD COMPONENTS 3-28-96 KWC / BARRAZA T4 HEAVY LOAD TABLE SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 APPROVED/RELEASED RESPONSIBLE ENGINEER DATE DATE MOUNTING BRACKET DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 3-28-96 10/7/09 J BARRAZA SCALE 1:1 DRAWING NUMBER SIZE 4105090504-610008-01 6061-T6 ALUMINUM SHEET 1 OF1 DO NOT SCALE DRAWING

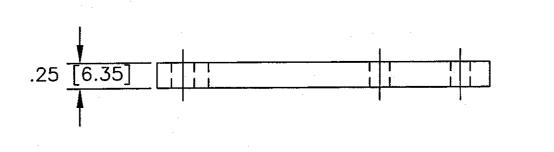
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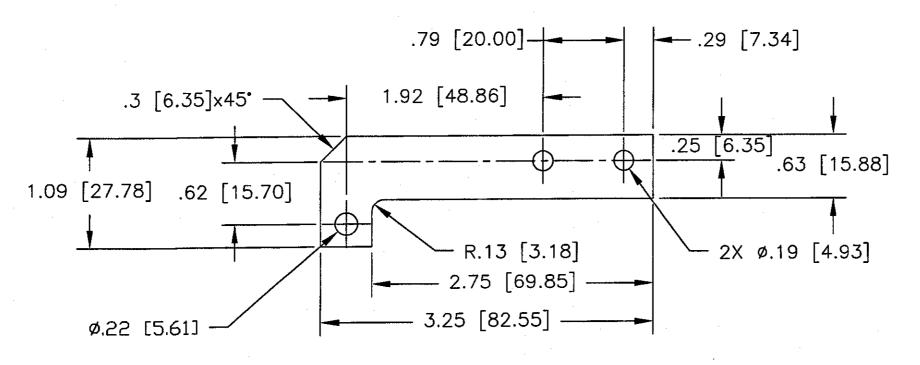
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ITEM

DWG/PART NUMBER

PARTS LIST LOG NUMBER A2427401

DATE

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3/28/96

3/28/96

4/1/96

032896 ID SHU

GP LEADER

T.M. KUZAY

PROJECT MGR.

APPROVED/RELEASED

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DATE

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4/2/96

NOMENCLATURE OR DESCRIPTION

CHIEF DESIGN ENGINEER

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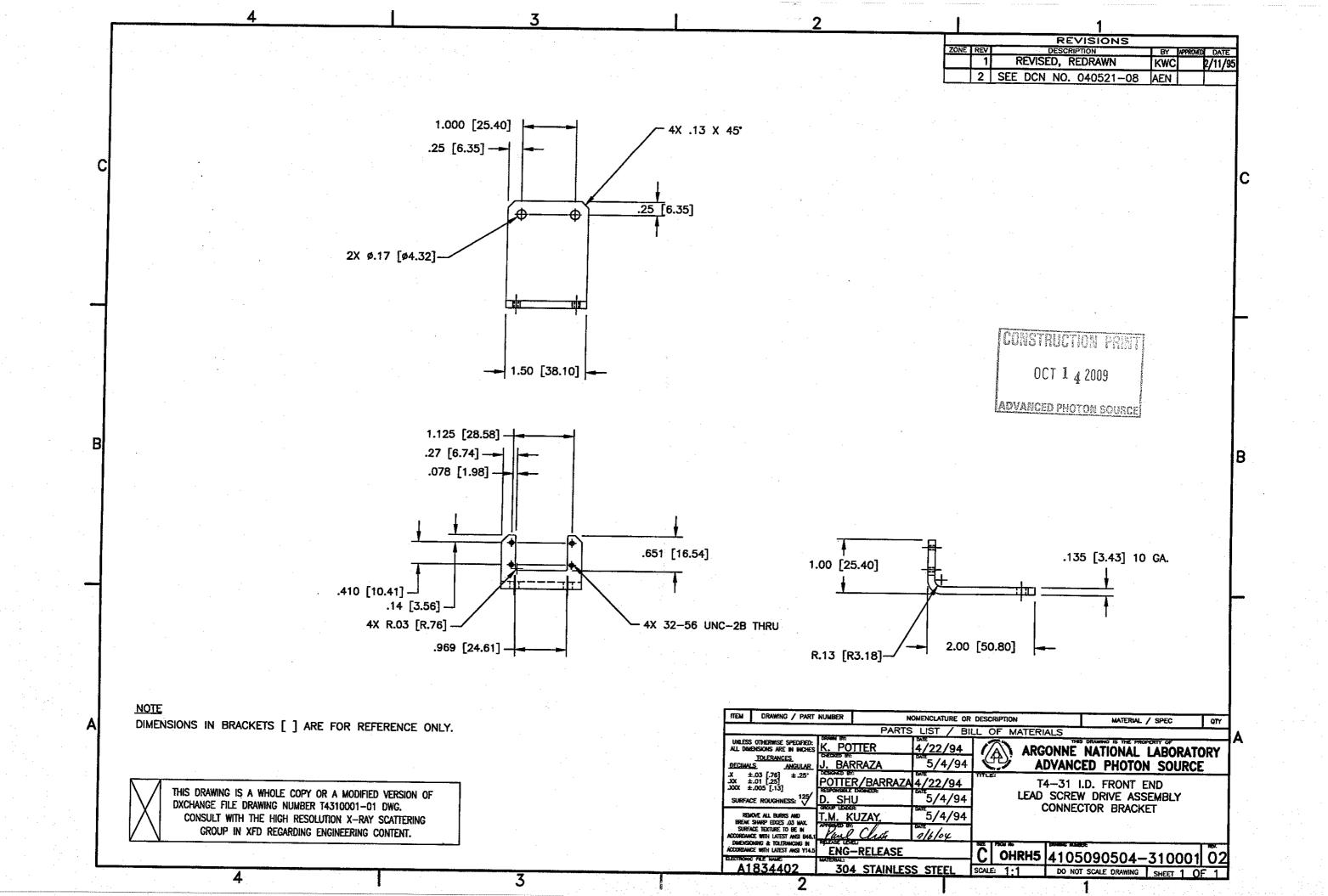
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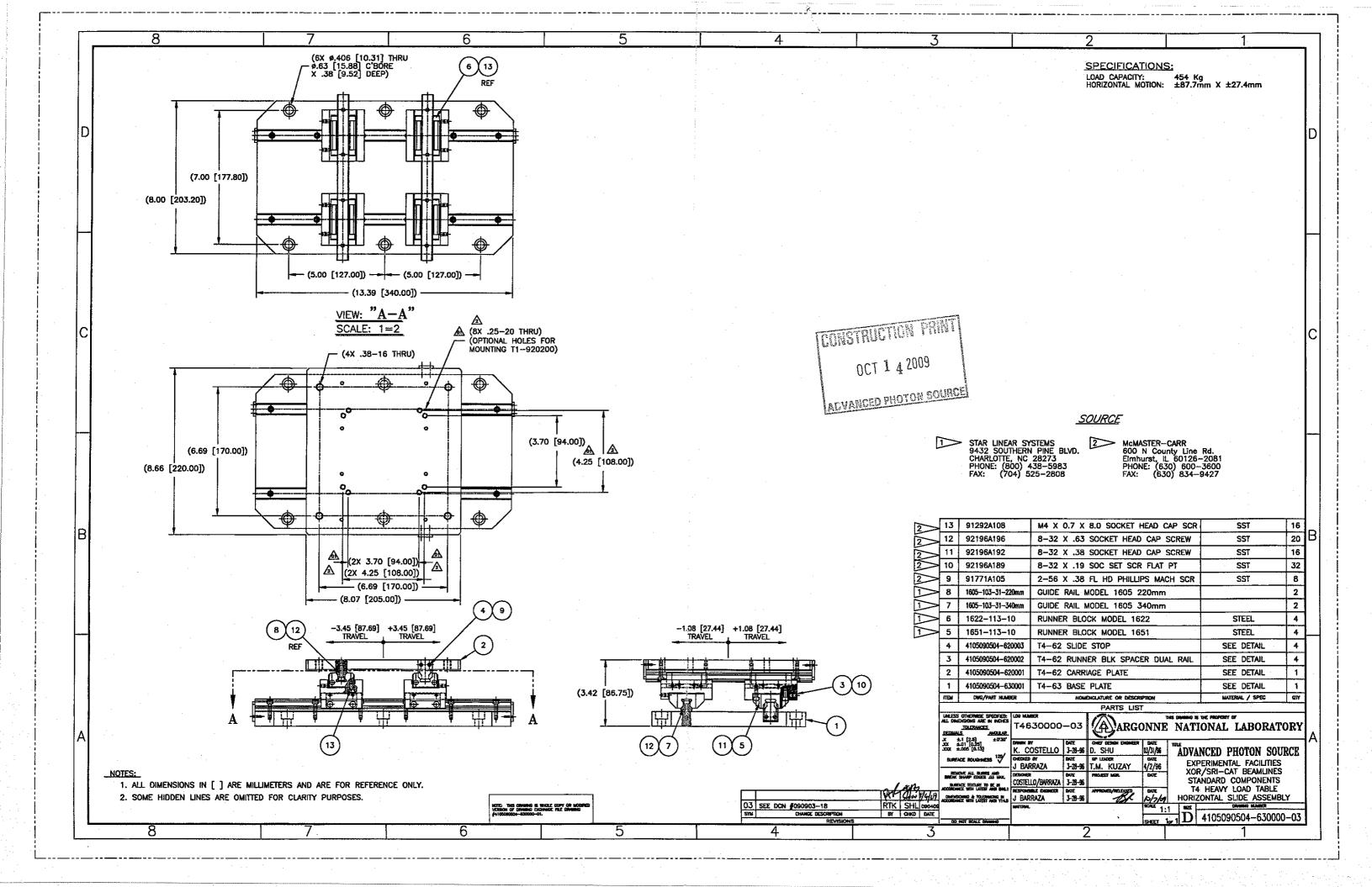
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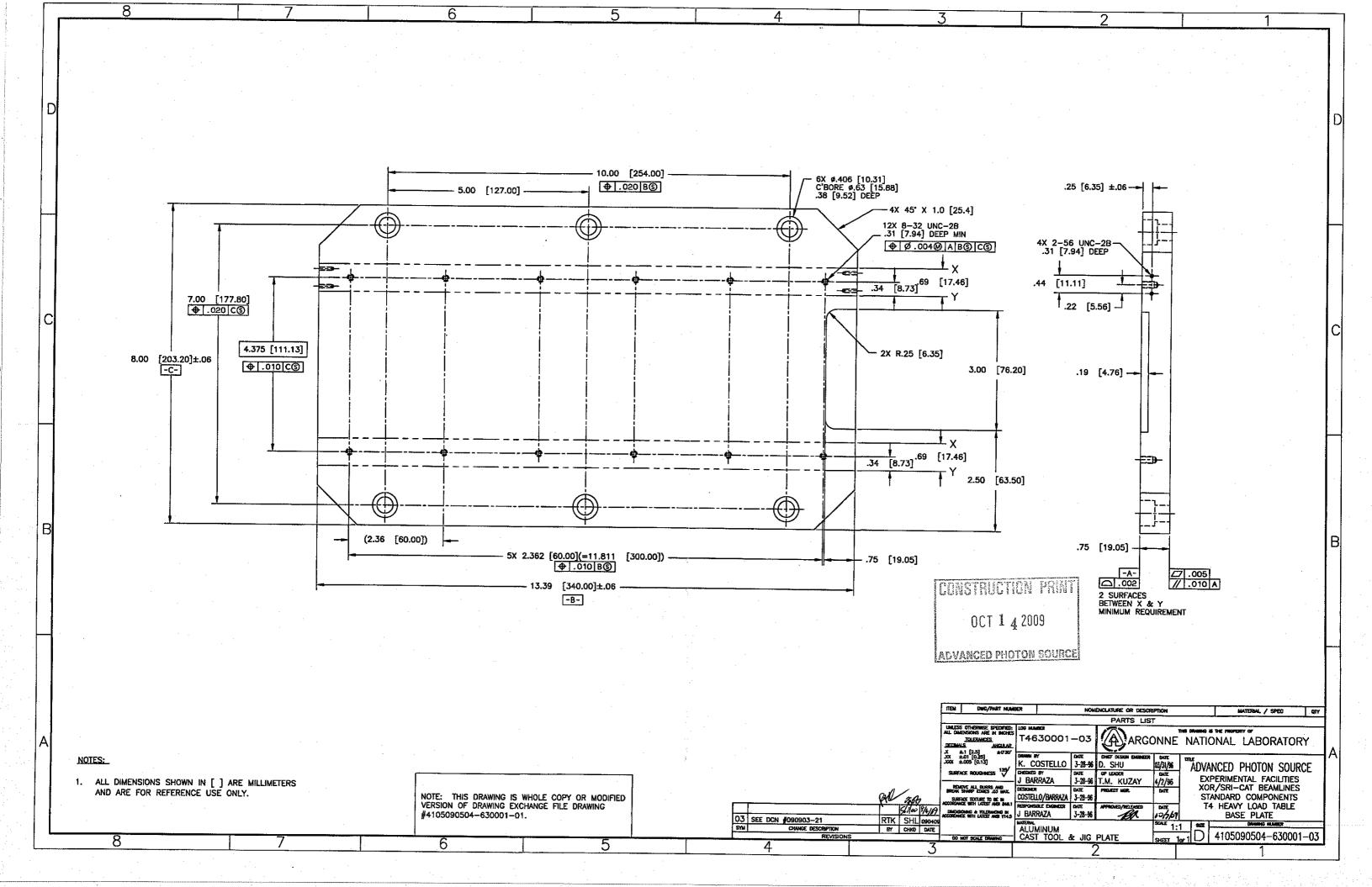
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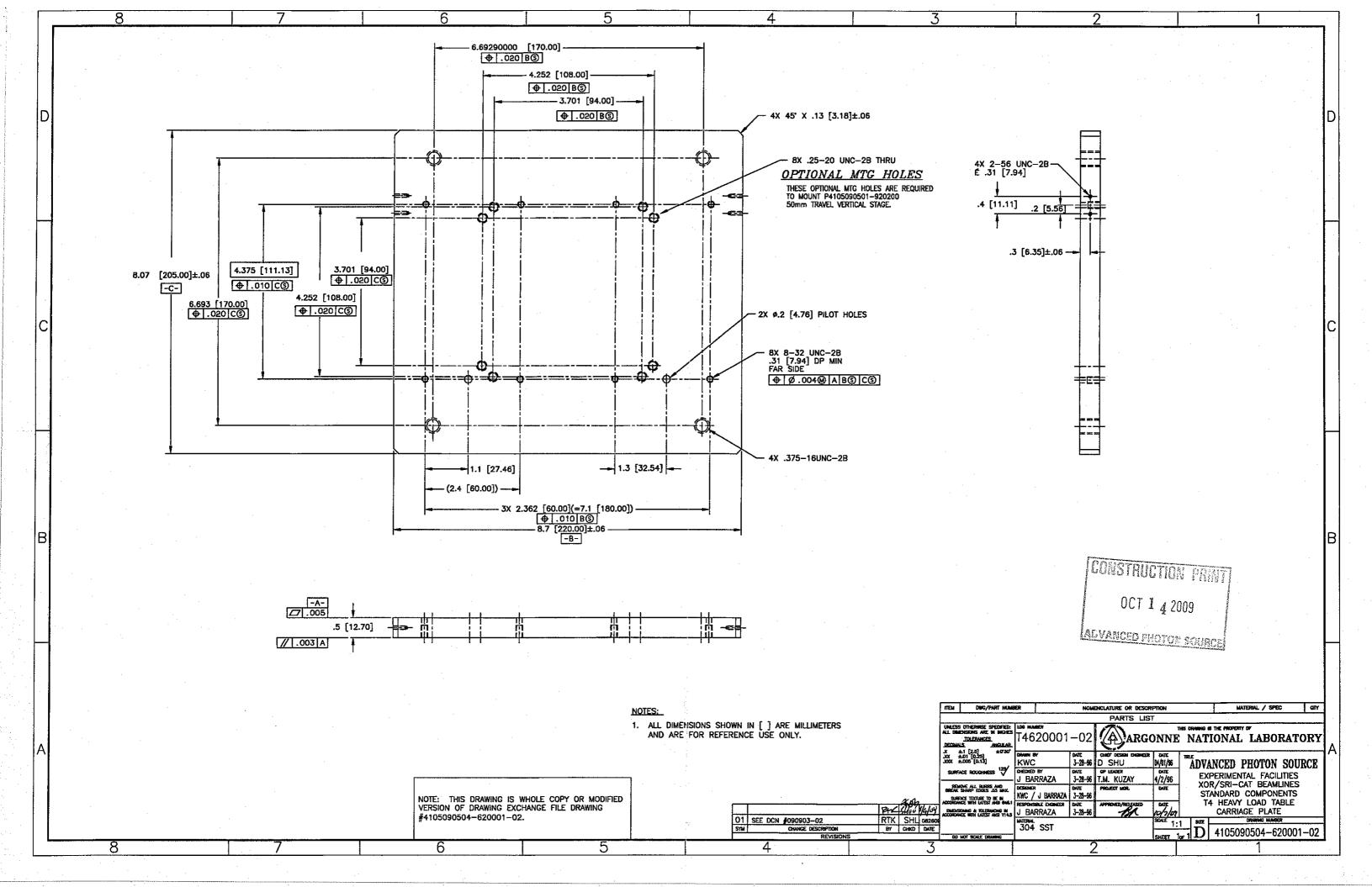
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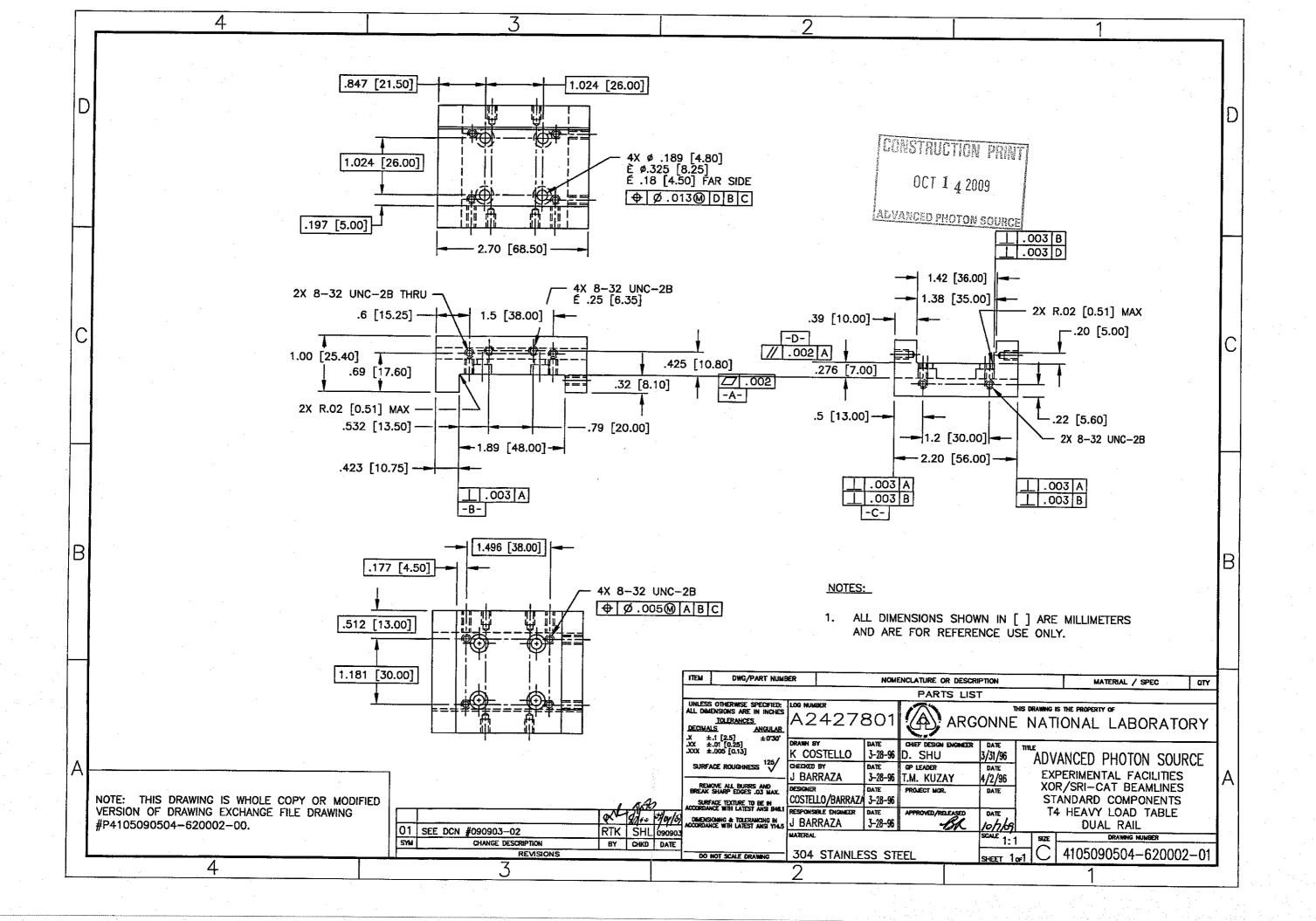
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SYM	CHANGE DESCRIPTION	BY	CHKD	DATE		
	REVISIONS					

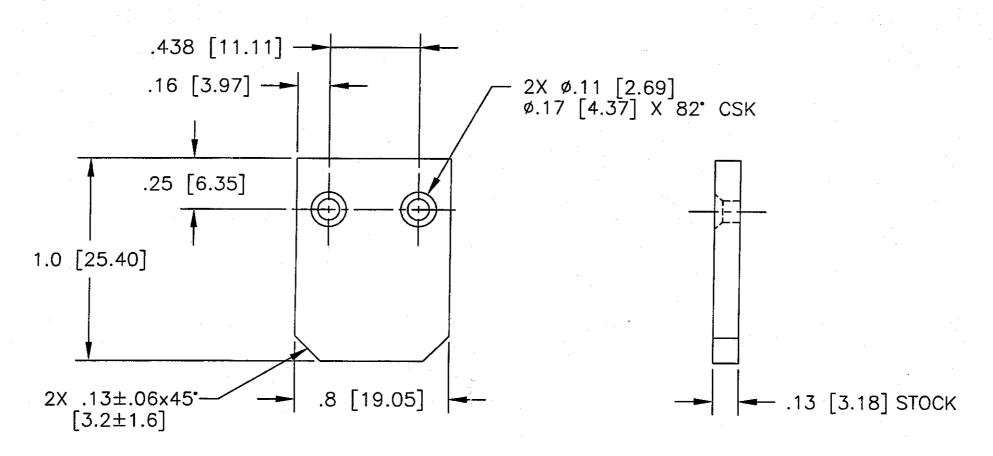












DWG/PART NUMBER

NOTE:

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OCT 1 4 2009

ADVANCED PHOTON SOURCE

MATERIAL / SPEC

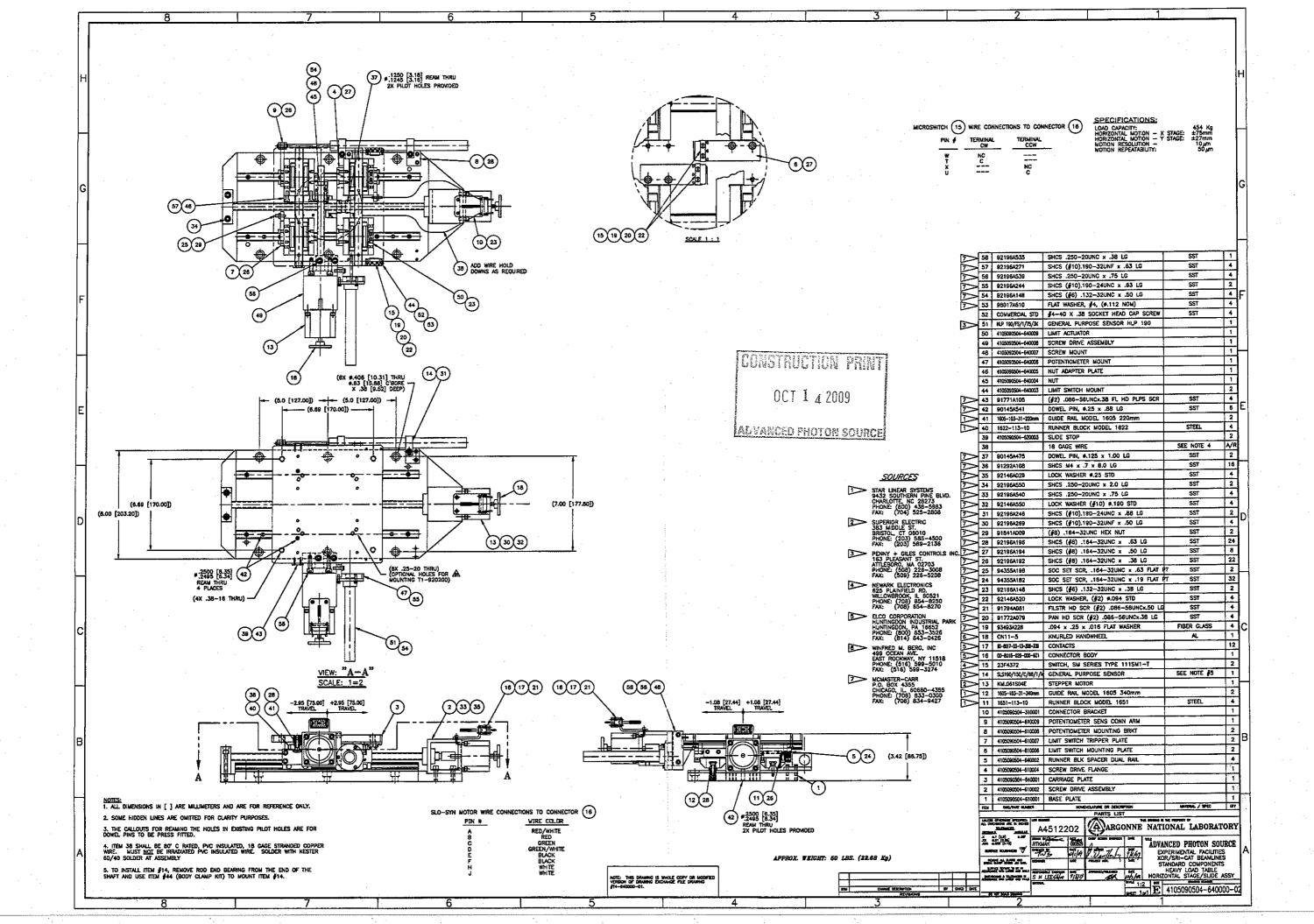
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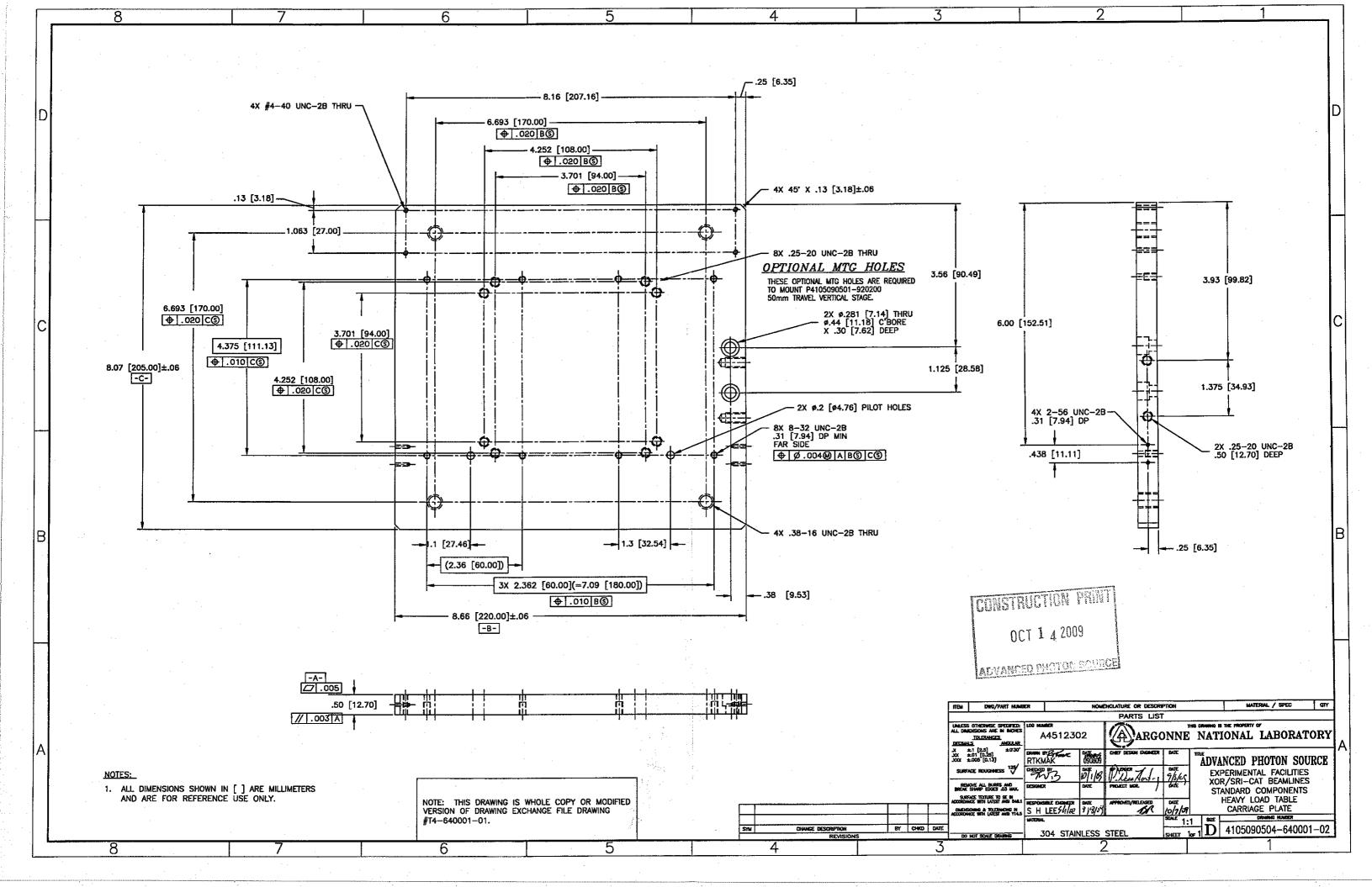
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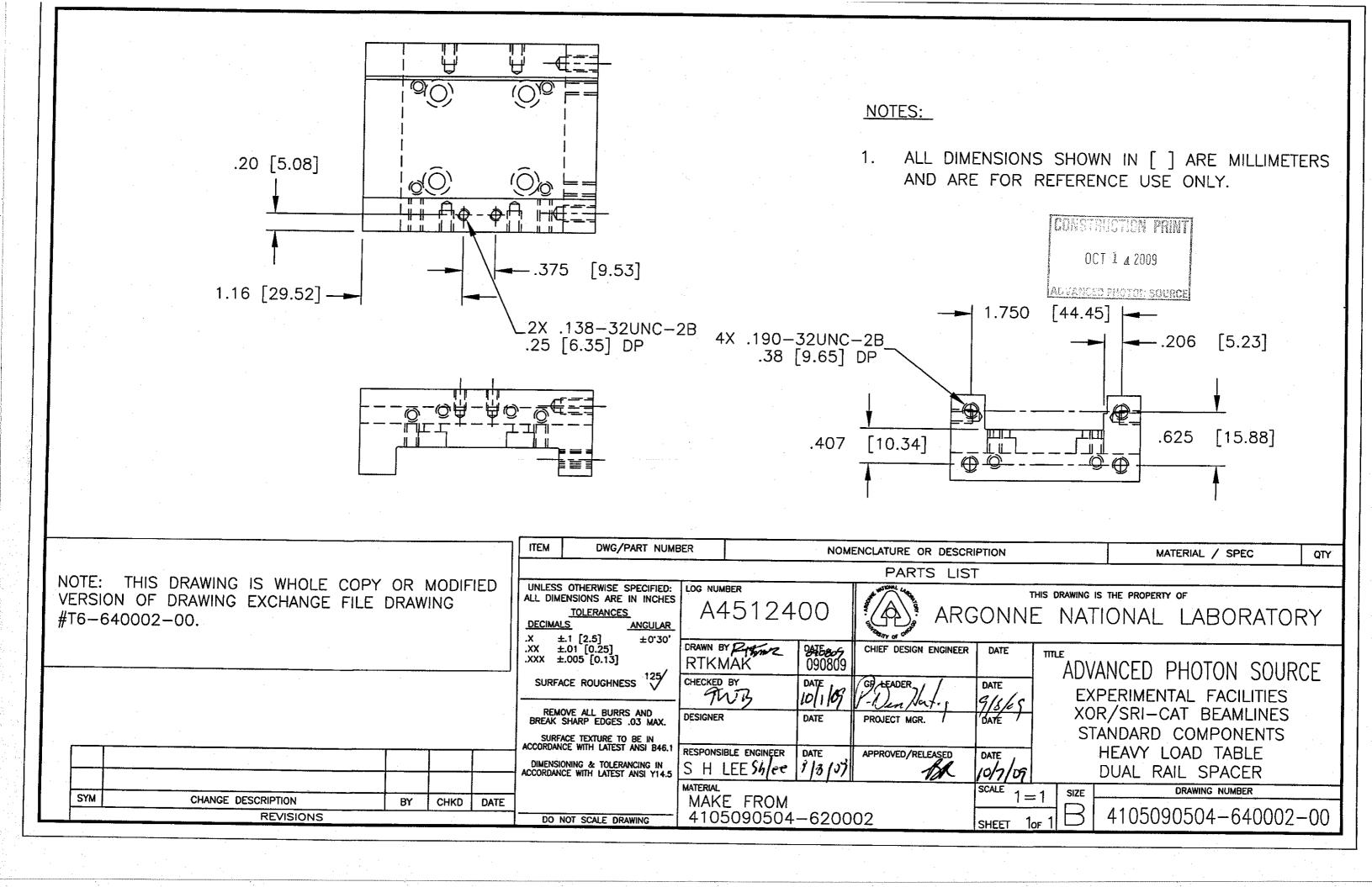
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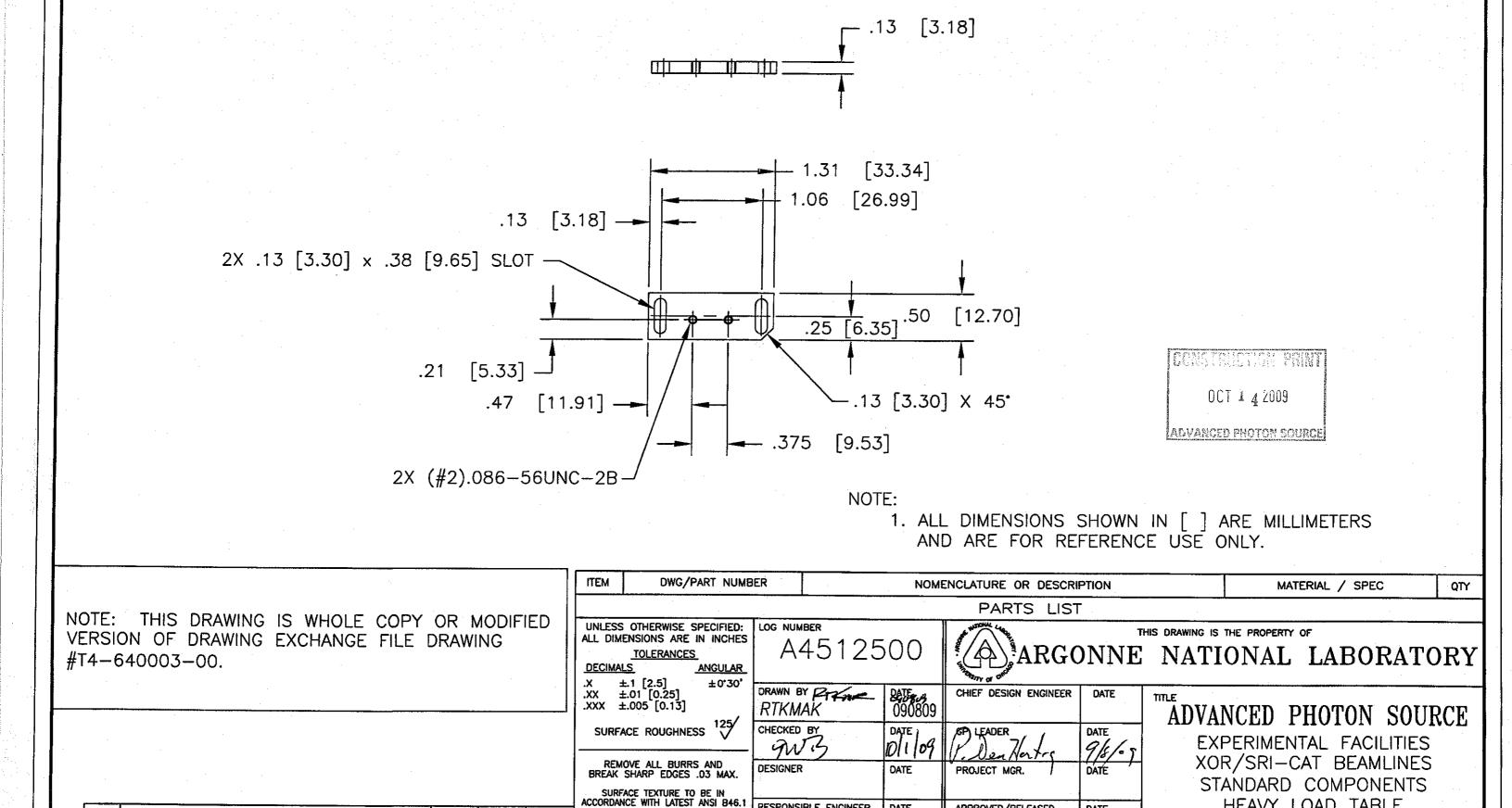
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	.XX ±.01 [0.25] .XXX ±-28-96	CRAWN BY	DATE 3-28-96	CHIEF DESIGN ENGINEER	DATE 04 /01 /00	TITLE	ANOSO DUOTON COUDOS	
_	125/	CHECKED BY		D SHU	04/01/96	AUV	ANCED PHOTON SOURCE	
	SURFACE ROUGHNESS	J BARRAZA	3-28-96	GP LEADER T.M. KUZAY	4/2/96	TOR/SRI-CAT BEAMLINES		
	REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.	DESIGNER	DATE	PROJECT MGR.	DATE			
	SURFACE TEXTURE TO BE IN	KWC / BARRAZA	3-28-96				ANDARD COMPONENTS	
ال .	ı	RESPONSIBLE ENGINEER	DATE	APPROVED/RELEASED	DATE	4	4 HEAVY LOAD TABLE	
4	DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5	J BARRAZA	3-28-96	1/8/	10/7/29		SLIDE STOP	
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NOMENCLATURE OR DESCRIPTION









RESPONSIBLE ENGINEER

S H LEESIJEE

6061-T6 ALUMINUM

DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5

DO NOT SCALE DRAWING

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SCALE

10/7/09

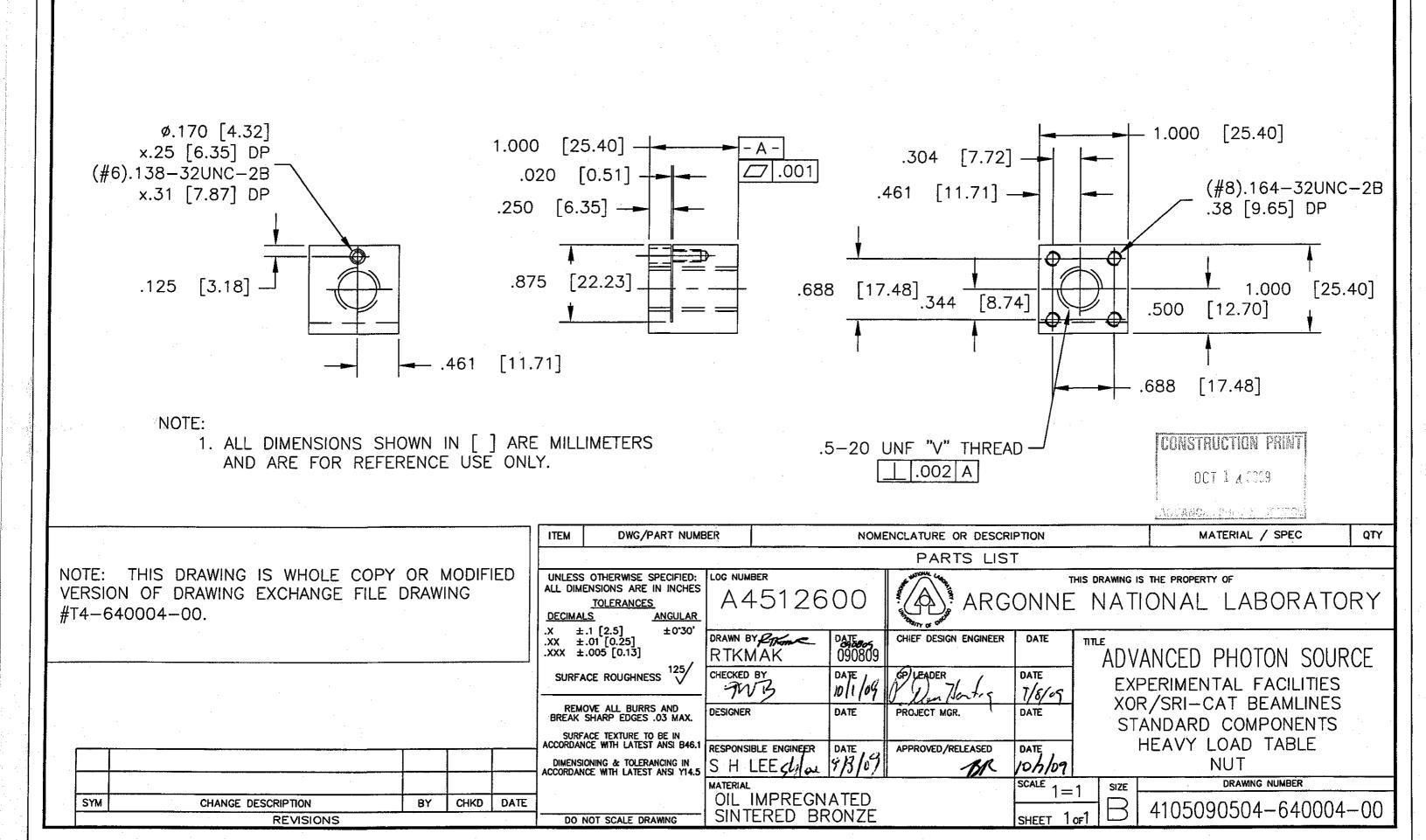
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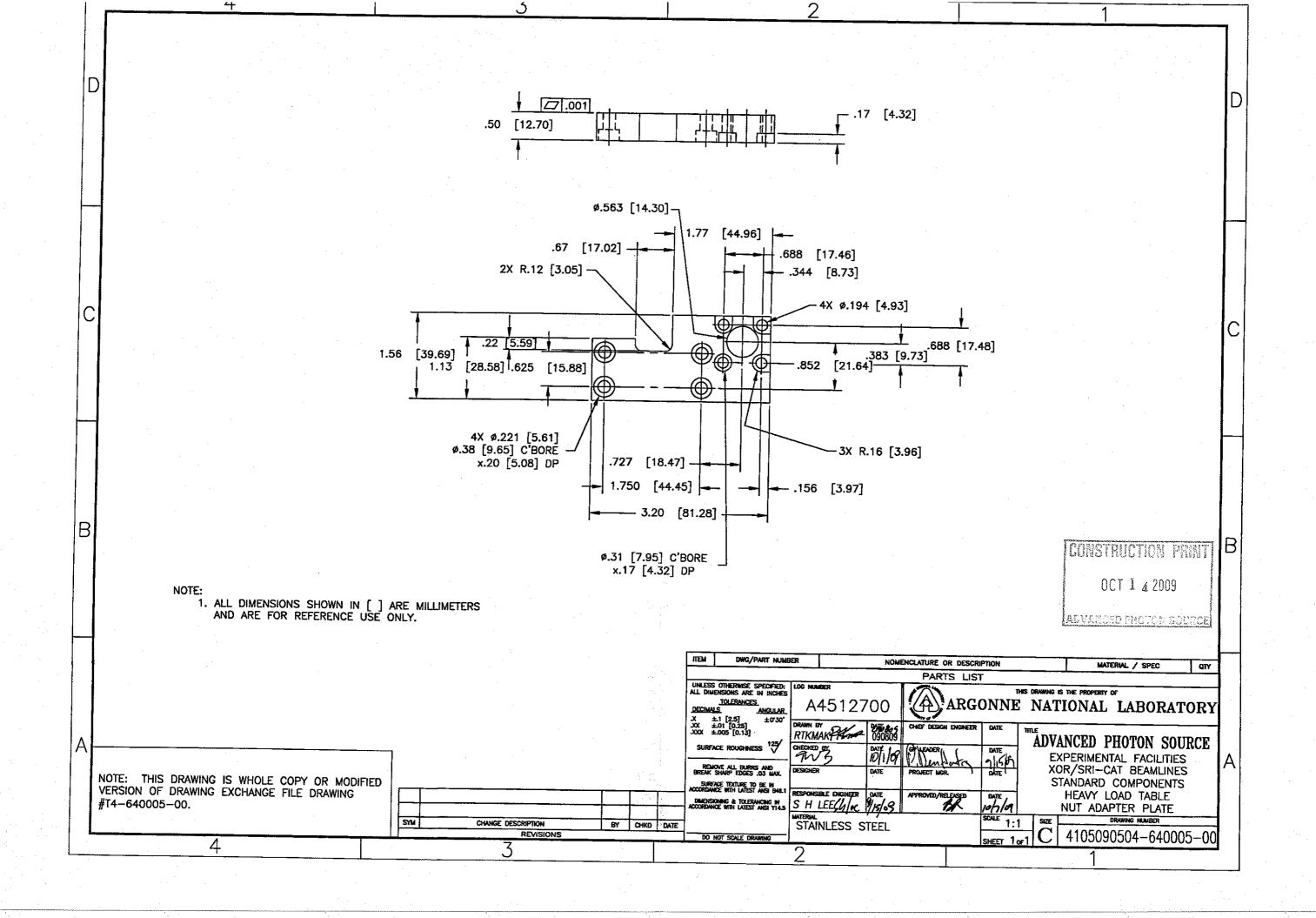
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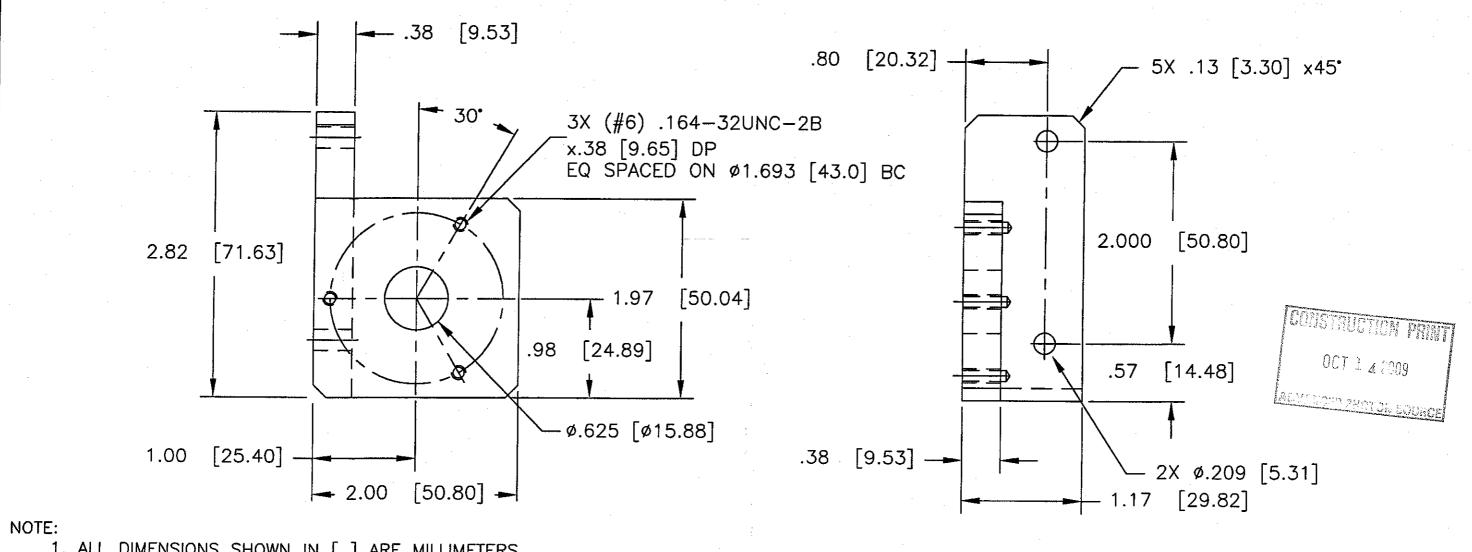
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DRAWING NUMBER

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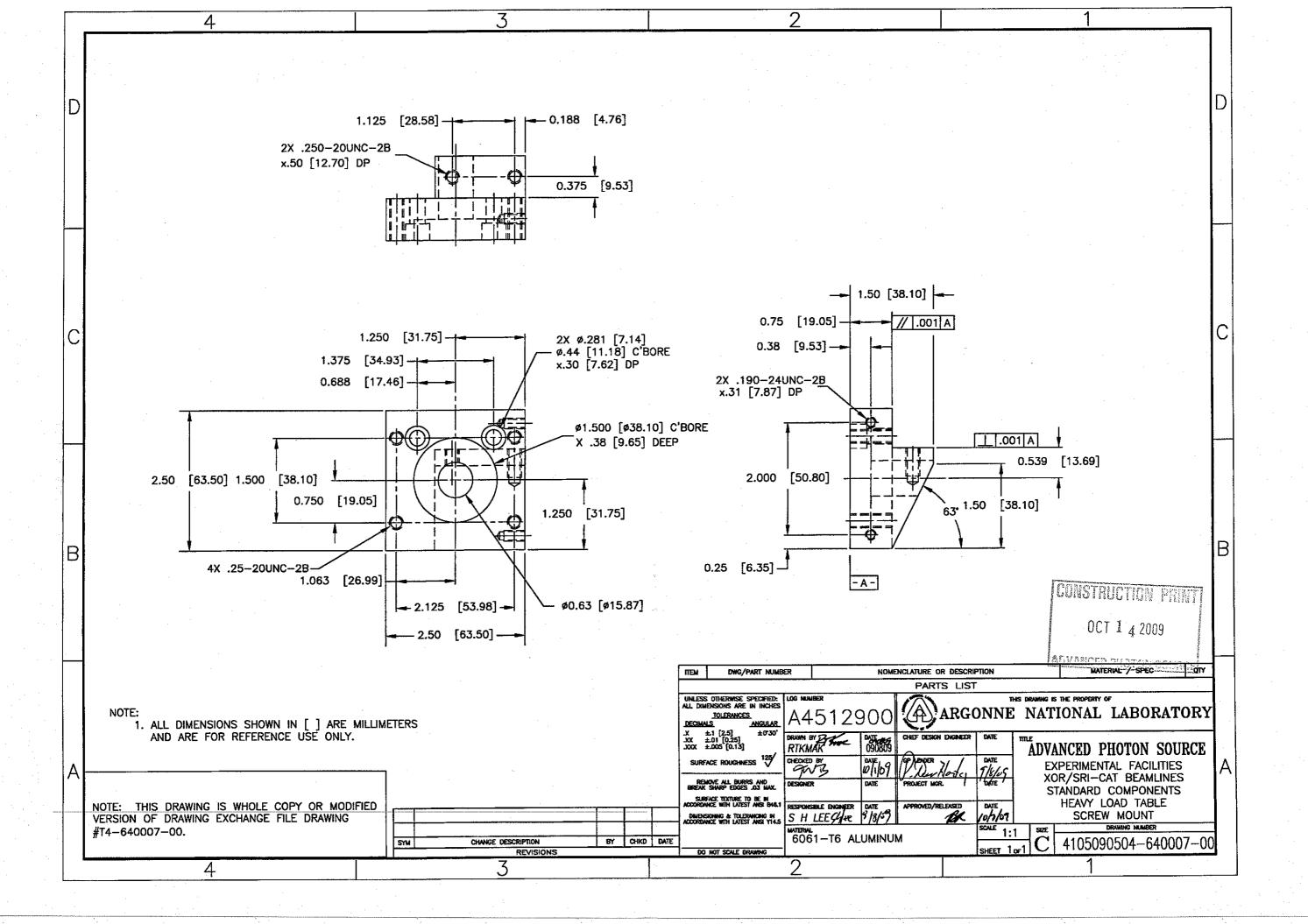


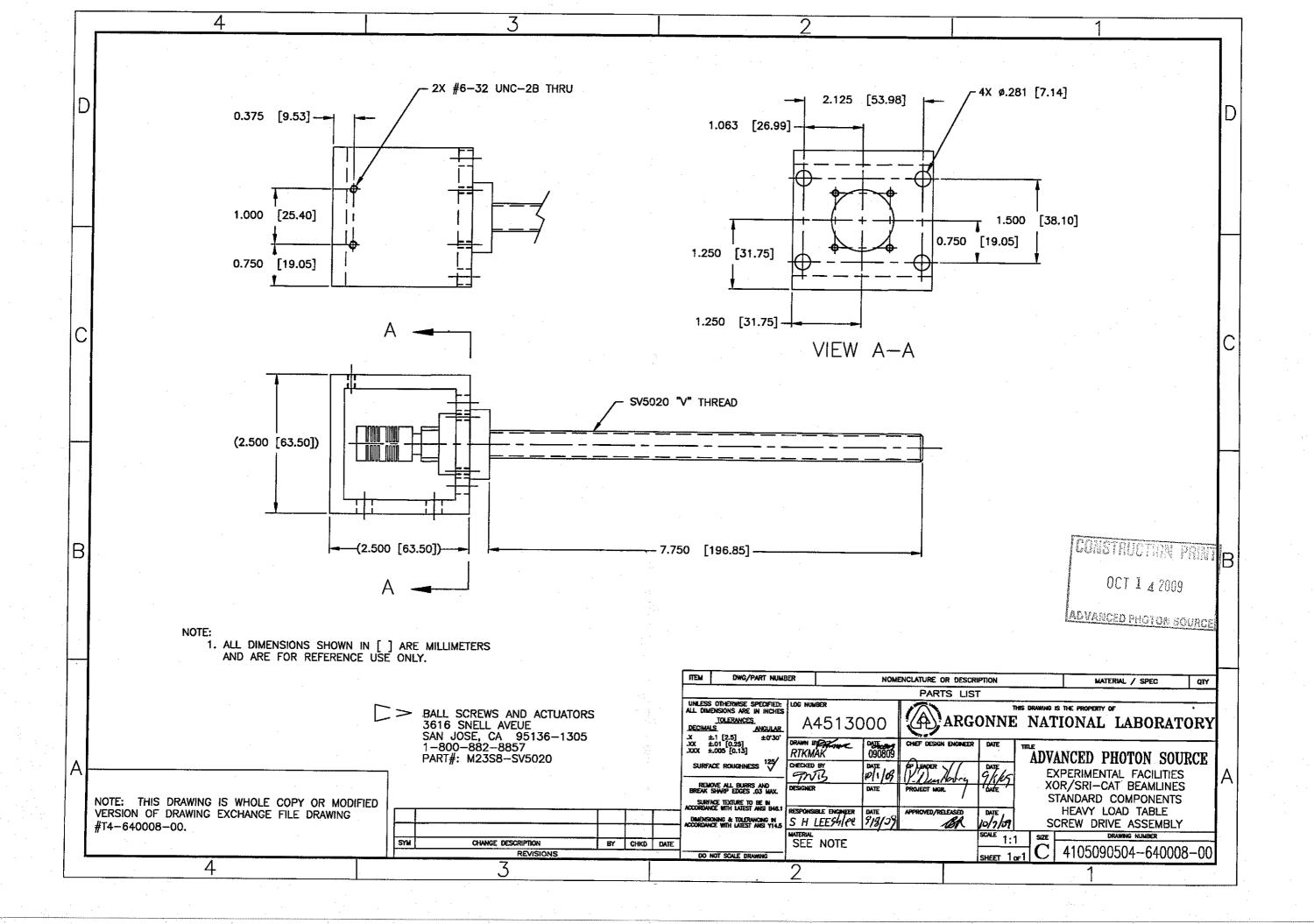


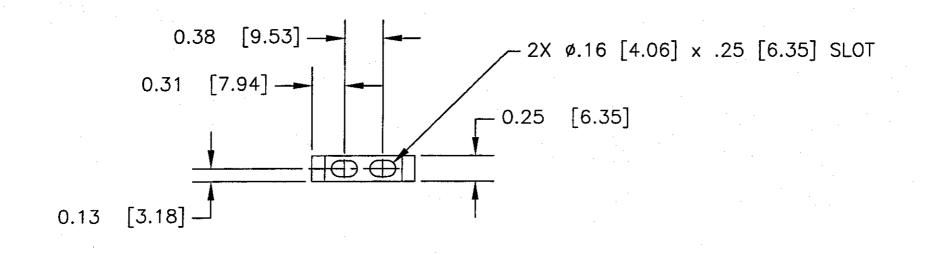


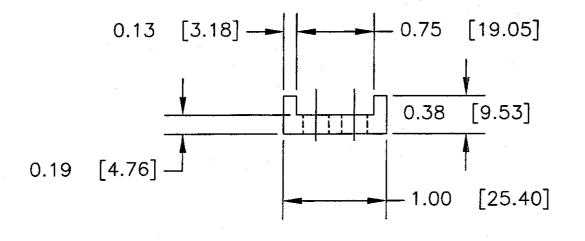
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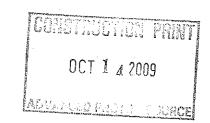
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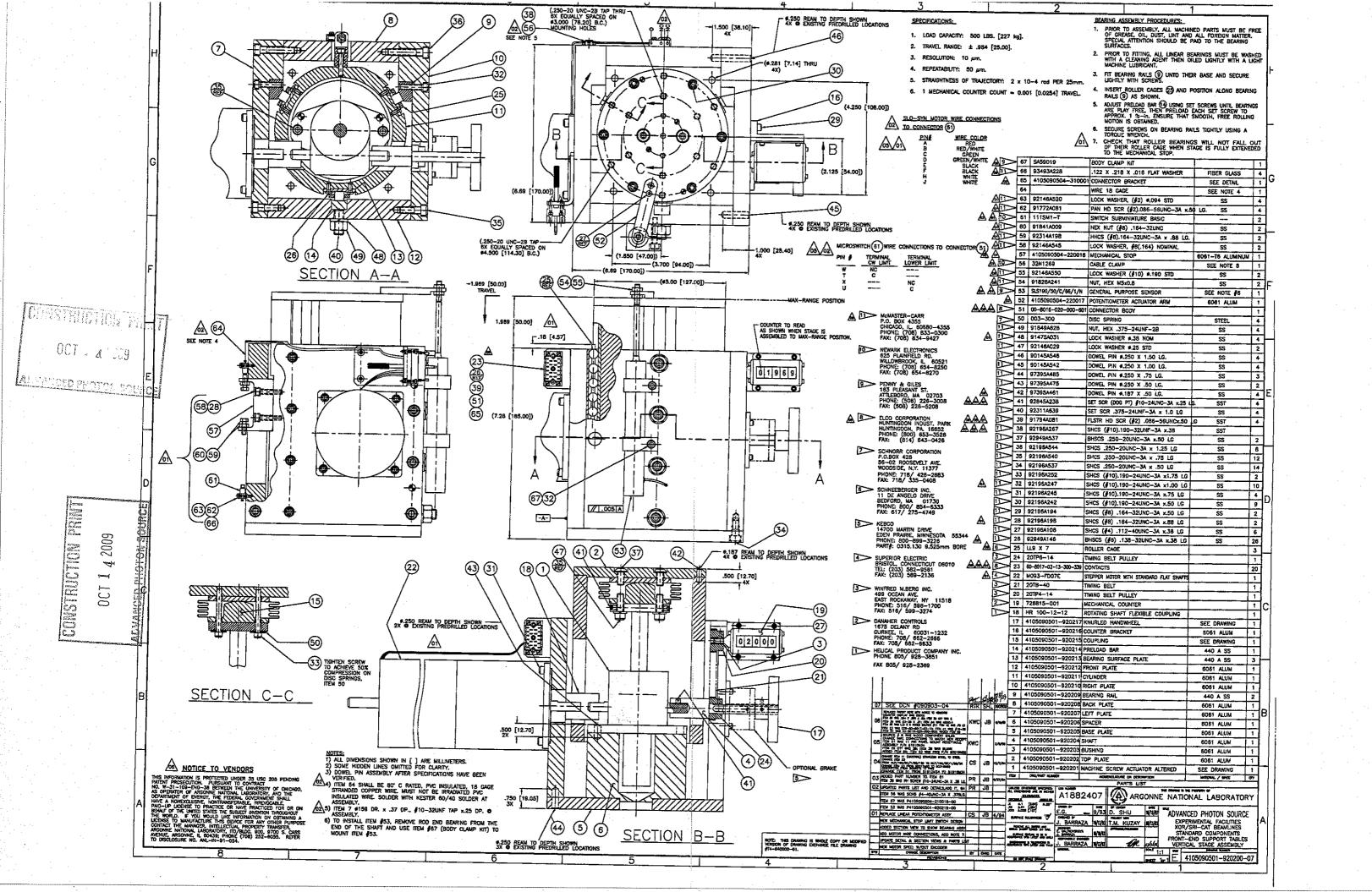


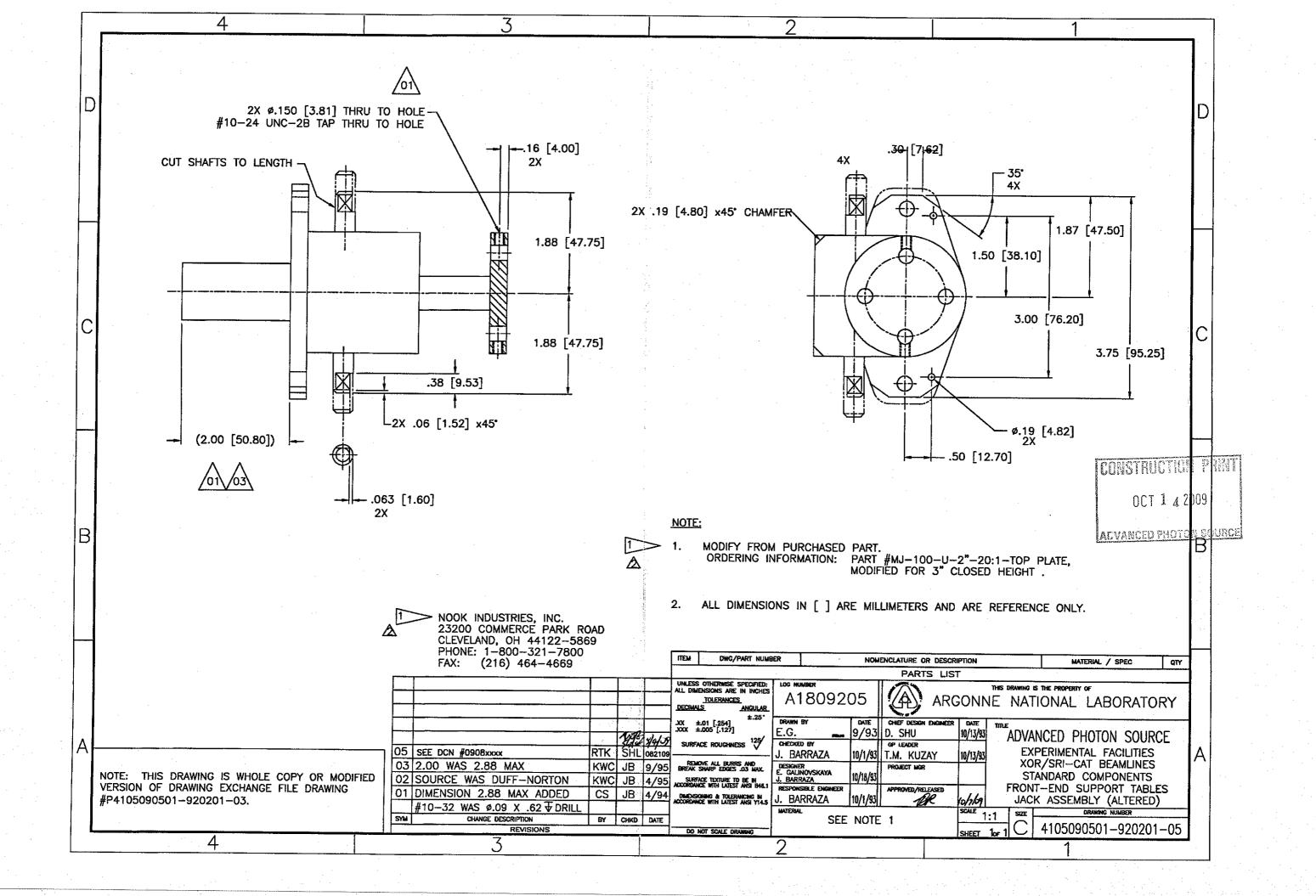


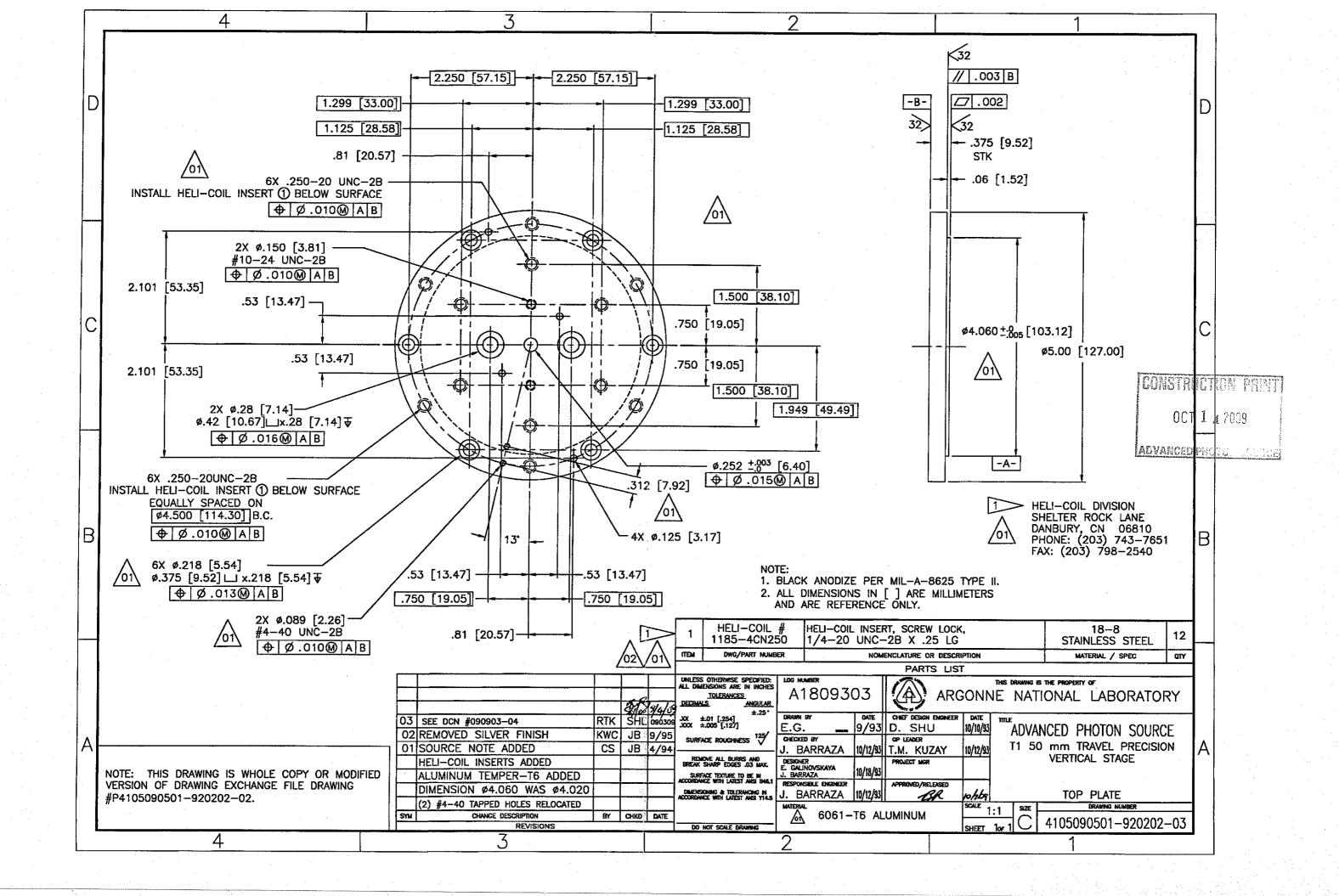
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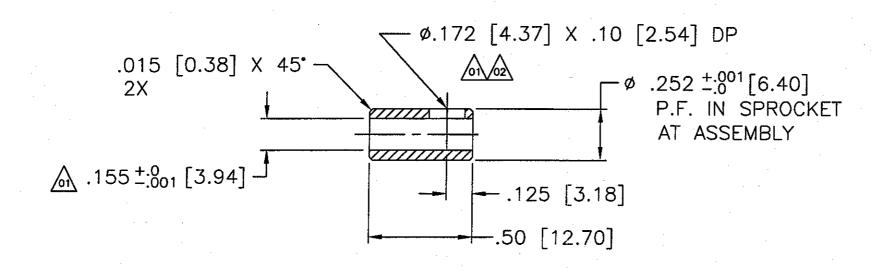
1. ALL DIMENSIONS SHOWN IN [] ARE MILLIMETERS AND ARE FOR REFERENCE USE ONLY.

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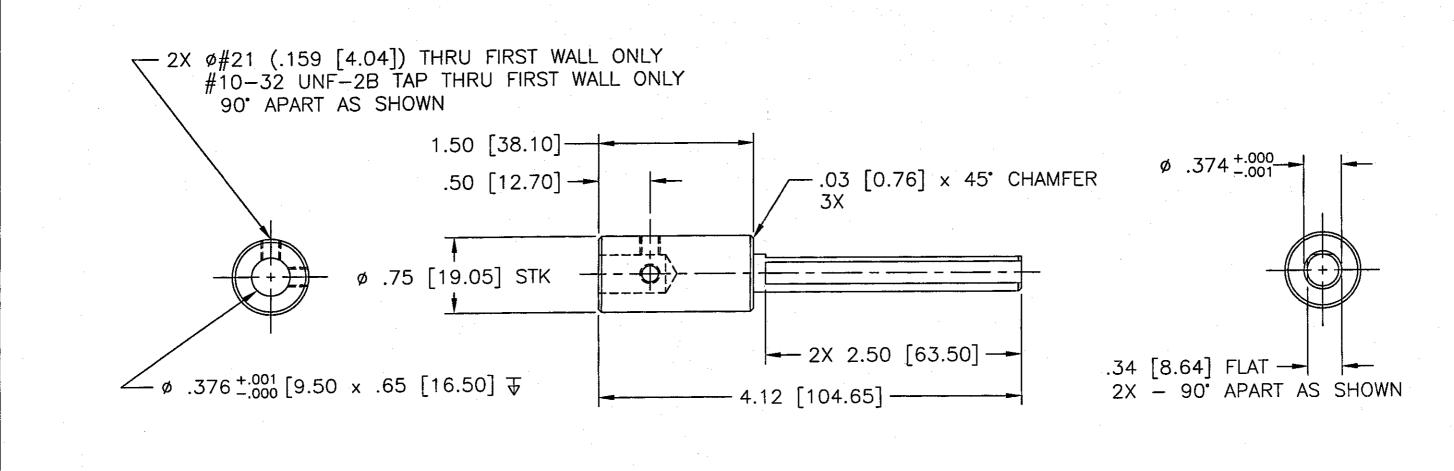
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03 SEE DCN #090903-04 RTK SHL 090903 - U. BARRAZA 10/1/93 T.M. KUZAY 10/13/93 EX	PERIMENTAL FACILITIES
02 Ø.172 HOLE WAS 2 PLACES KWC JB 9/95 BREAK SHARP EDGES .03 MAX. O1 DIM Ø 172 WAS Ø 125 CS JB Ø/QØ SURFACE TEXTURE TO BE IN J. BARRAZA O2 Ø.172 HOLE WAS 2 PLACES KWC JB 9/95 BREAK SHARP EDGES .03 MAX. O3 DIM Ø 172 WAS Ø 125 CS JB Ø/QØ SURFACE TEXTURE TO BE IN J. BARRAZA O3 BARRAZA O4 DIM Ø 172 WAS Ø 125 CS JB Ø/QØ SURFACE TEXTURE TO BE IN J. BARRAZA O5 DESIGNER E. GALINOVSKAYA J. BARRAZA O6 DESIGNER D7 DESIGNER ST. BARRAZA O7 DESIGNER D8 DESI	R/SRI—CAT BEAMLINES ANDARD COMPONENTS
ALUMINUM TEMPER-T6 ADDED DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI 846.1 RESPONSIBLE ENGINEER APPROVED/RELEASED FROM ACCORDANCE WITH LATEST ANSI 114.5 U. BARRAZA 10/1/93 RR 10/1/93	T-END SUPPORT TABLES BUSHING
DIM Ø.155 WAS Ø.157 SYM CHANGE DESCRIPTION REVISIONS DO NOT SCALE DRAWING MATERIAL 6061—T6 ALUMINUM SHEET 10F 1	DRAWING NUMBER 4105090501-920203-03



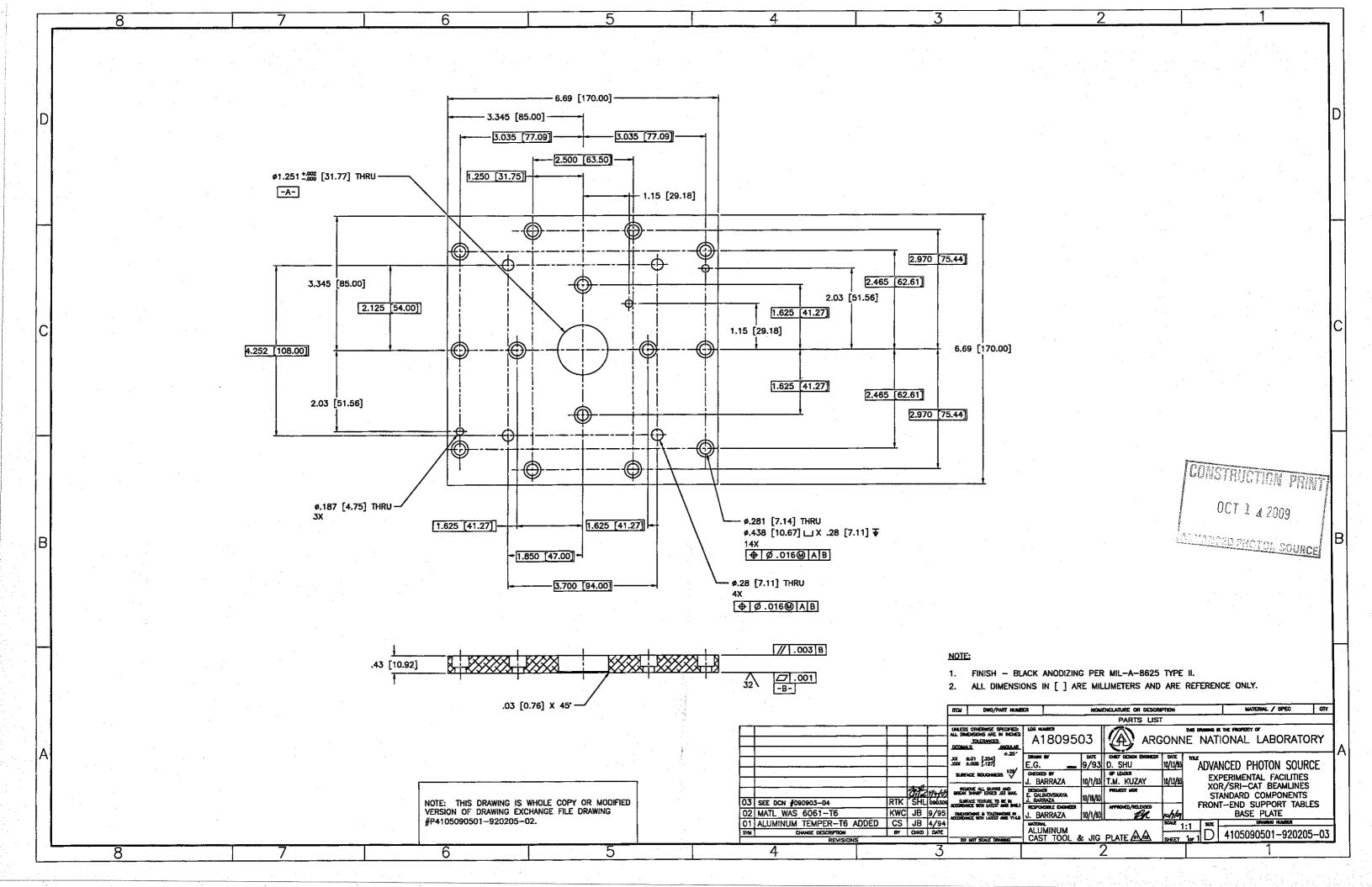
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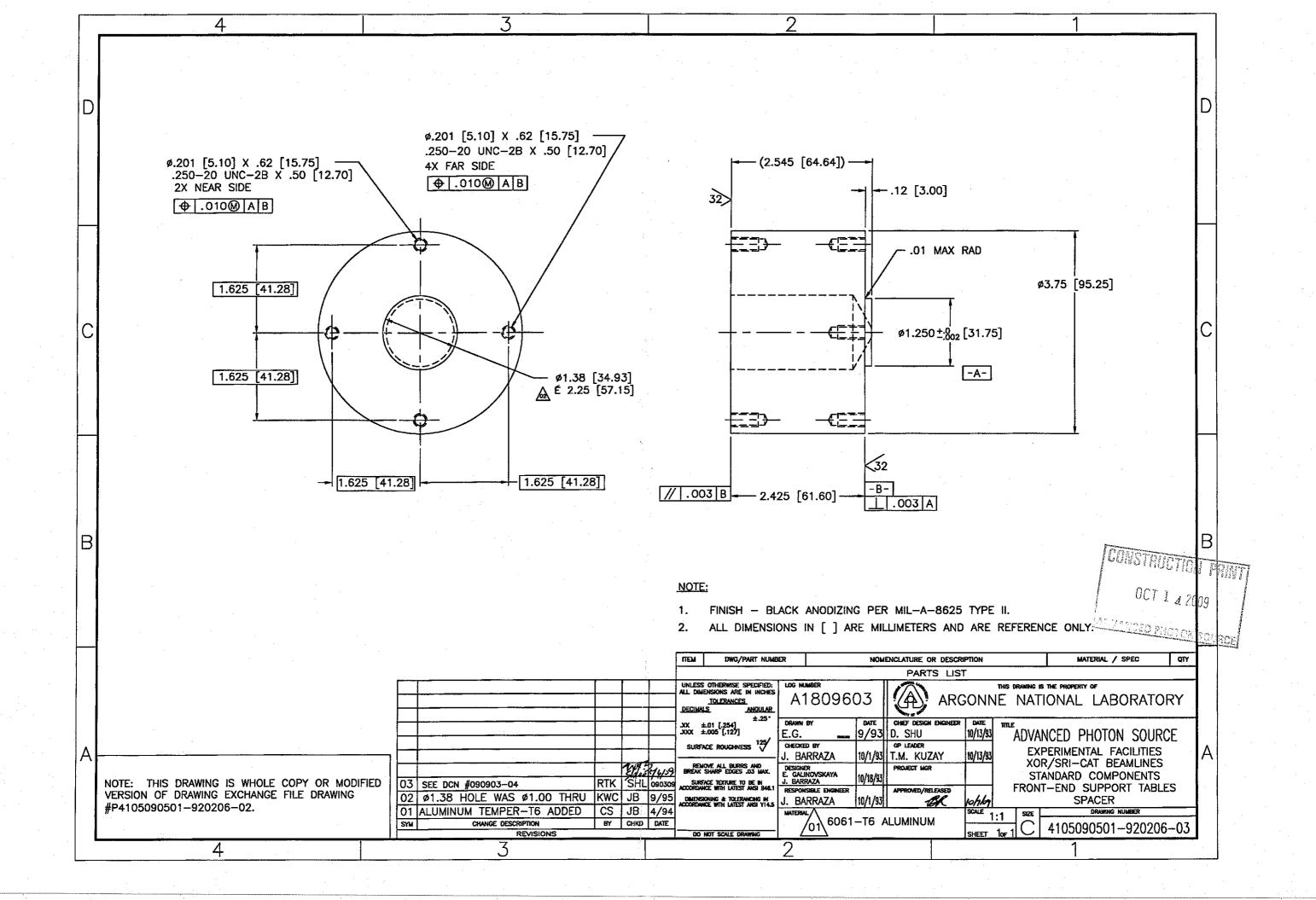
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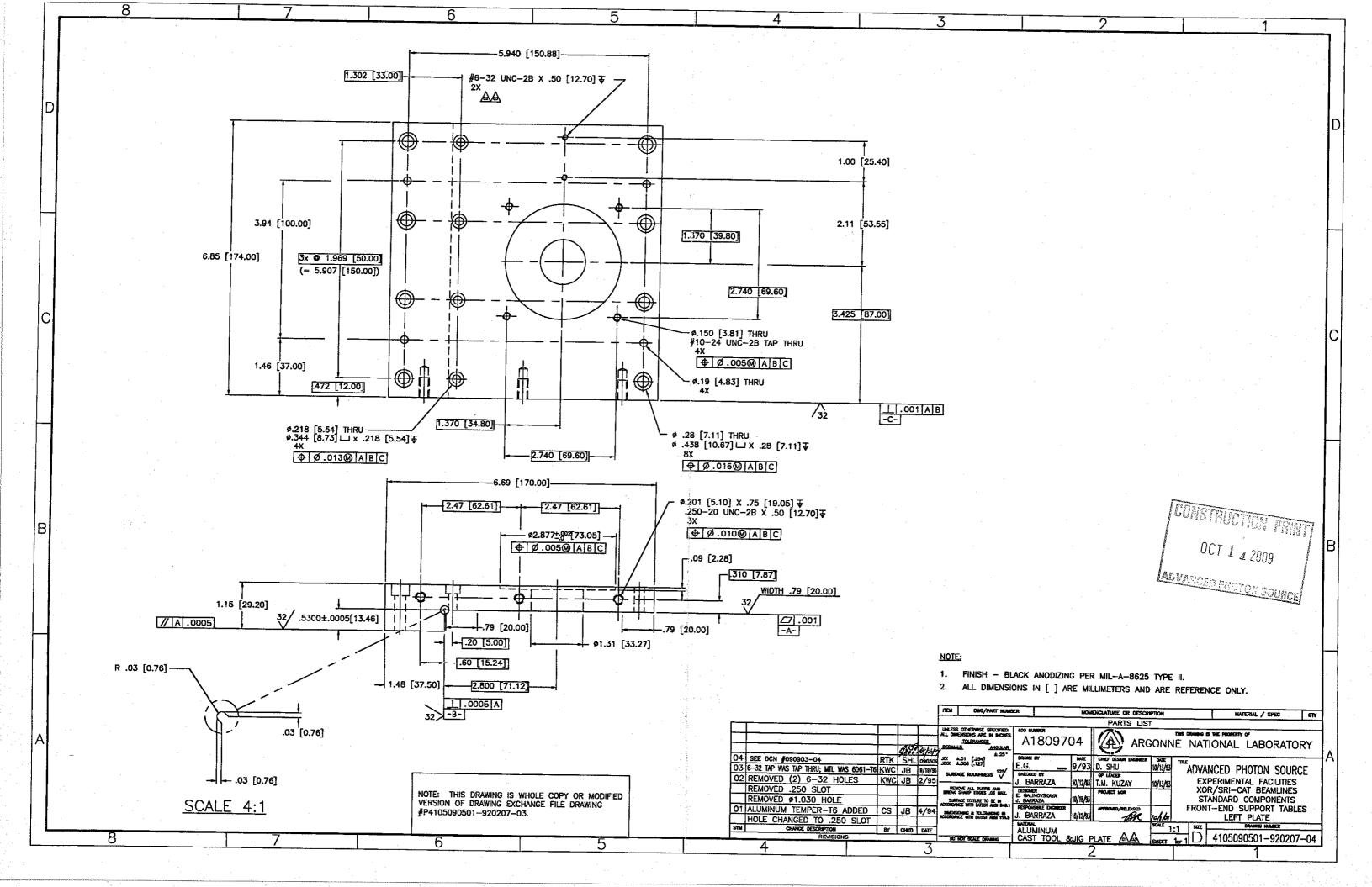
1. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE REFERENCE ONLY.

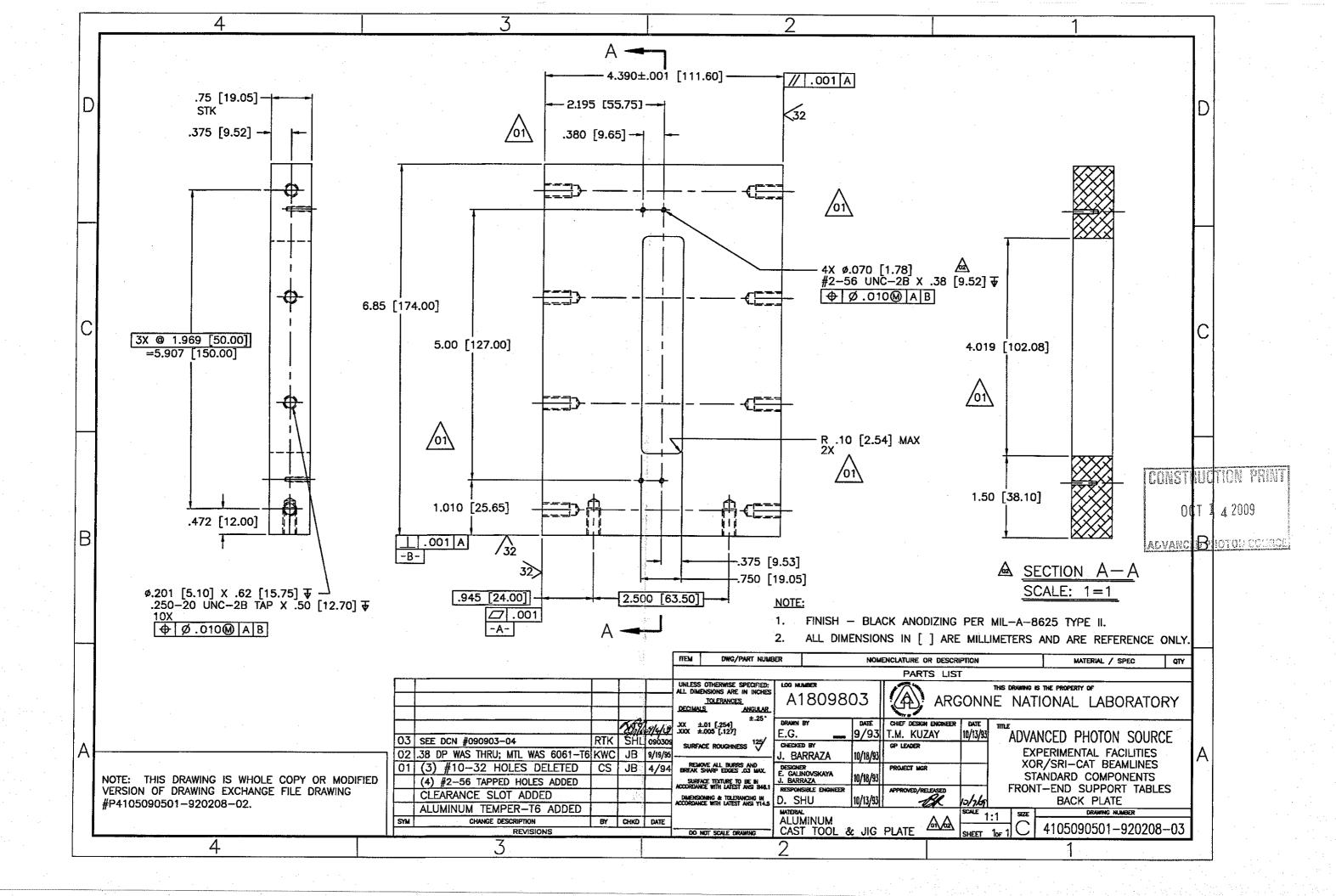
CONSTRUCTION PART OCT 1 a 2009

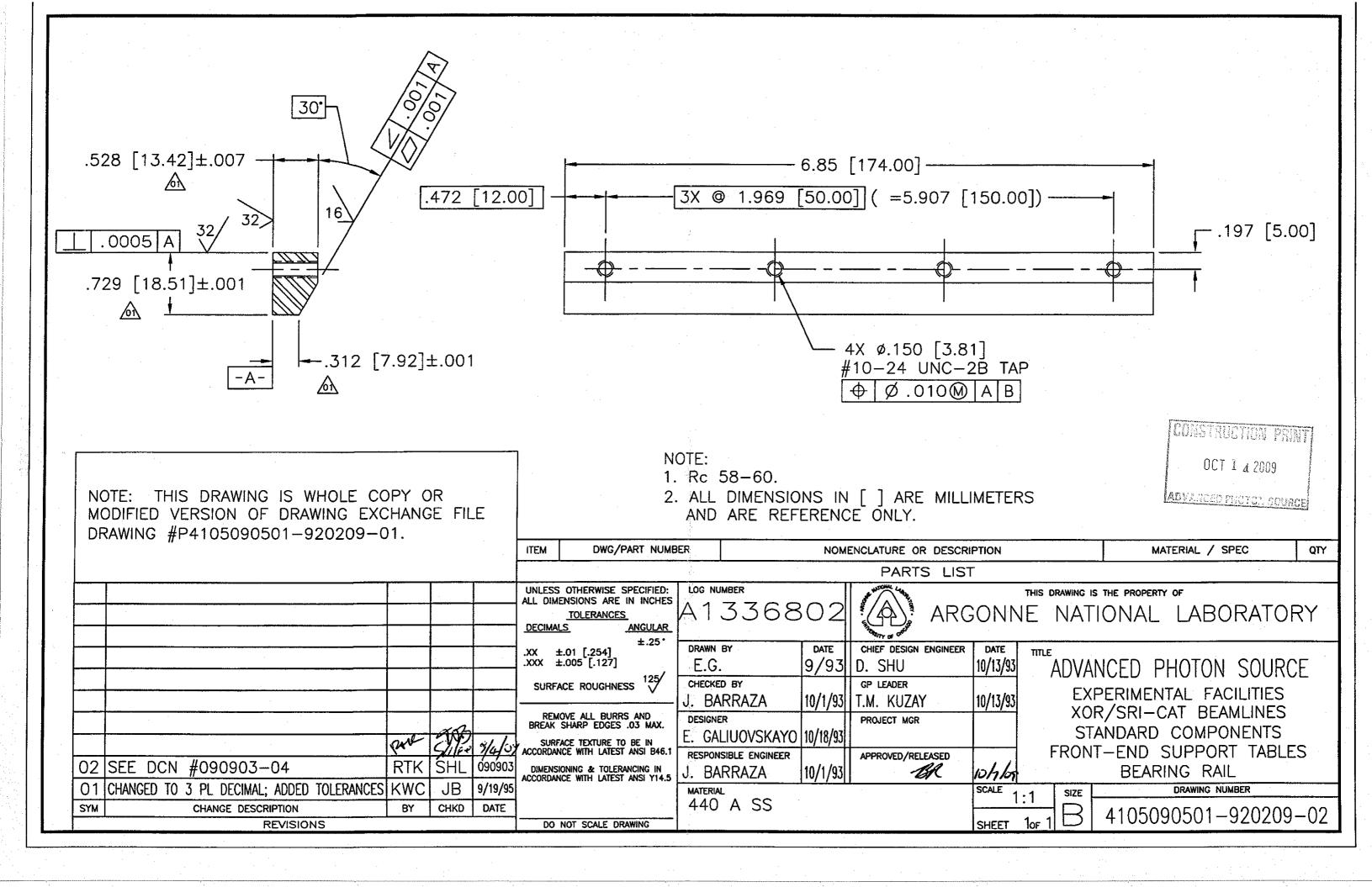
ADVANCED PHOTON SOURCE MATERIAL / SPEC NOMENCLATURE OR DESCRIPTION DWG/PART NUMBER PARTS LIST LOG NUMBER THIS DRAWING IS THE PROPERTY OF UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES A1336301 ARGONNE NATIONAL LABORATORY TOLERANCES DECIMALS ANGULAR ±.25° DRAWN BY DATE .XX ±.01 [.254] .XXX ±.005 [.127] ADVANCED PHOTON SOURCE 19/931D SHU 10/93 EG SURFACE ROUGHNESS 125/ GP LEADER CHECKED BY EXPERIMENTAL FACILITIES |10/1/93||T.M. KUZAY 10/13/93 J BARRAZA XOR/SRI-CAT BEAMLINES REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. DESIGNER E. GALINOVSKAYA PROJECT MGR STANDARD COMPONENTS BARRAZA SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 FRONT-END SUPPORT TABLES RESPONSIBLE ENGINEER APPROVED/RELEASED SHAFT DIMENSIONING & TOLERANCING IN CCORDANCE WITH LATEST ANSI Y14.5 10/1/93 10/7/59 BARRAZA DRAWING NUMBER SCALE SHL 090903 MATERIAL SIZE 1:1 SEE DCN #090903-04 305 SST 4105090501-920204-01 CHKD DATE CHANGE DESCRIPTION SHEET 10F 1 DO NOT SCALE DRAWING REVISIONS

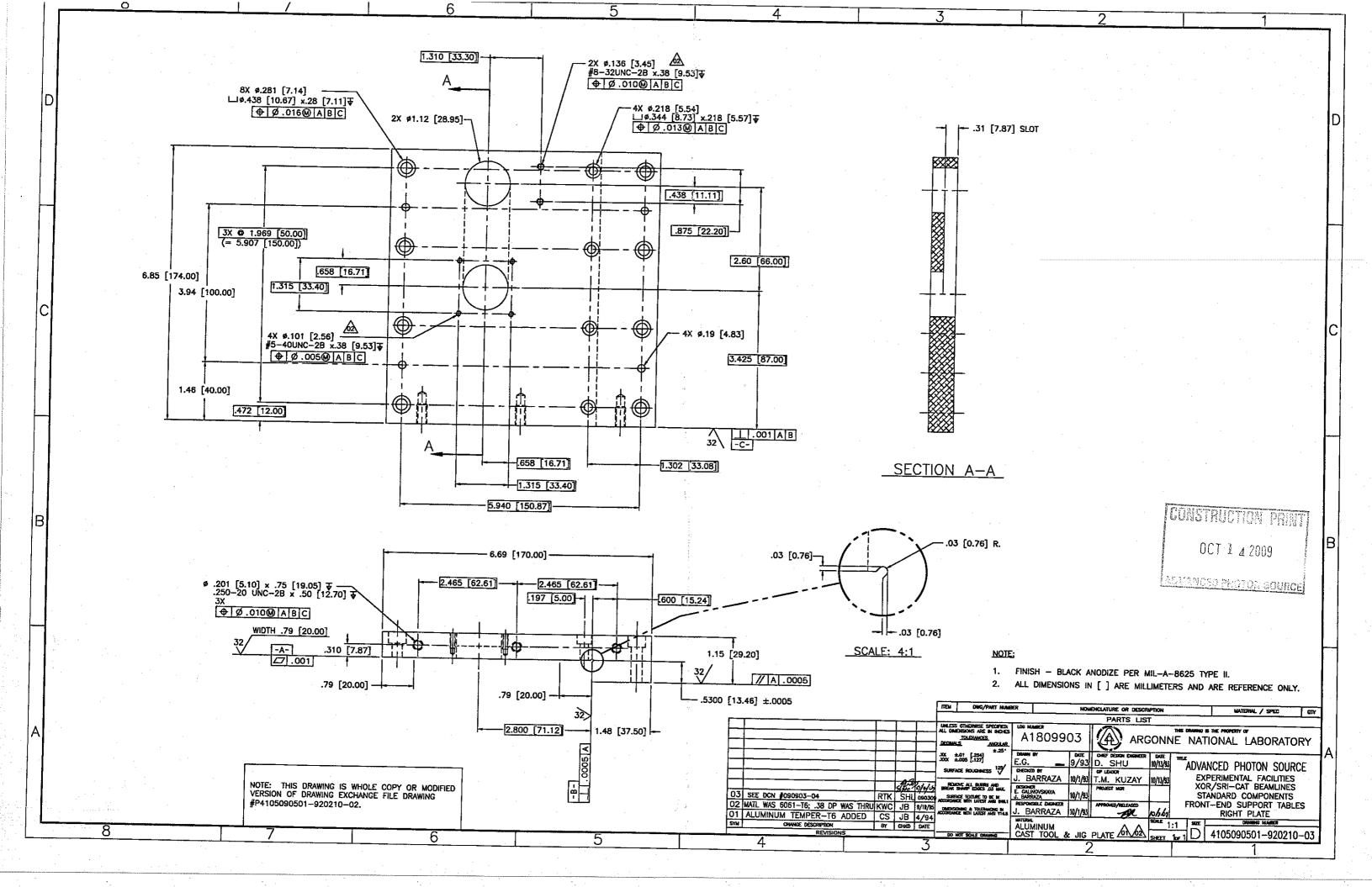


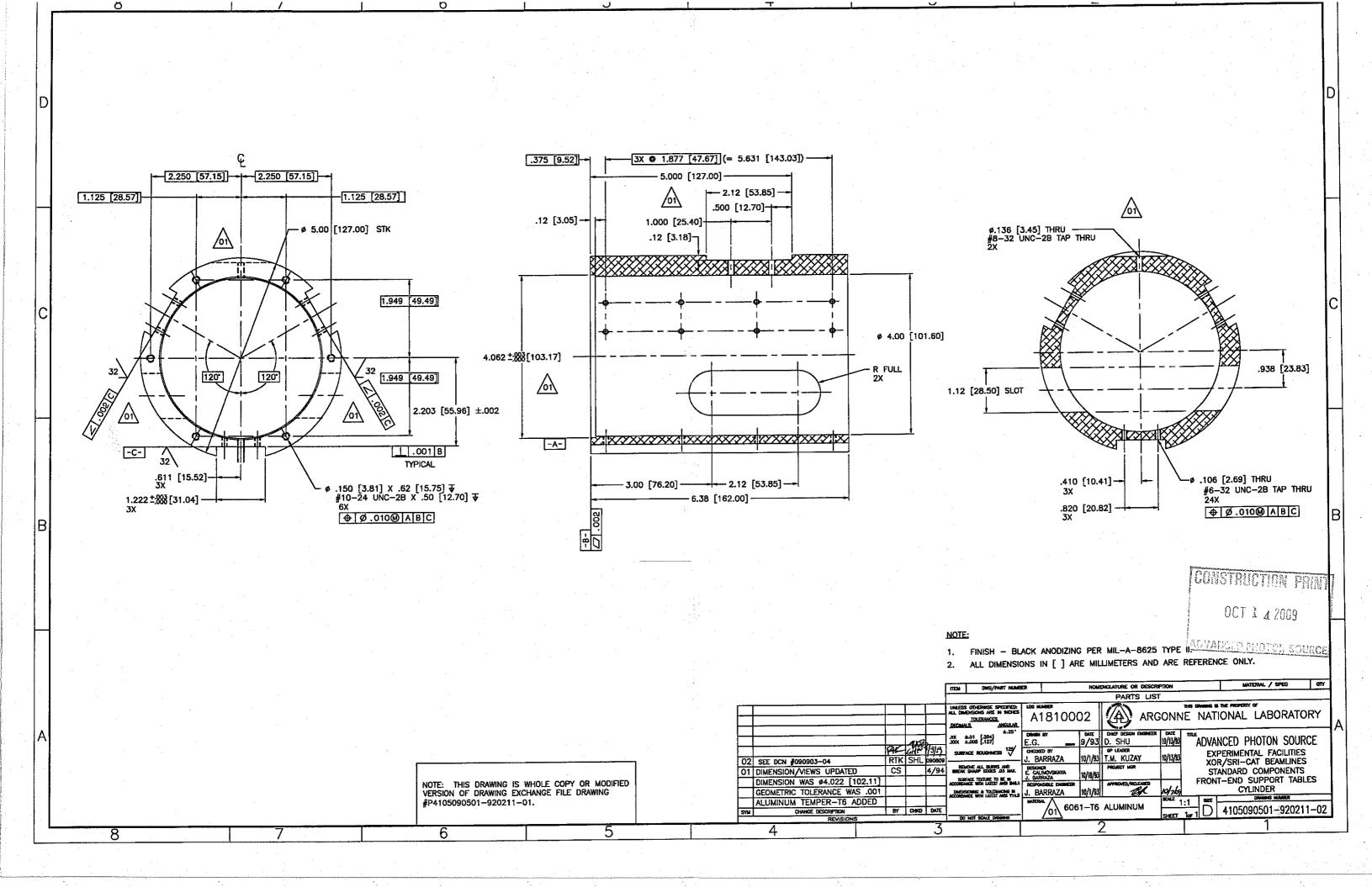


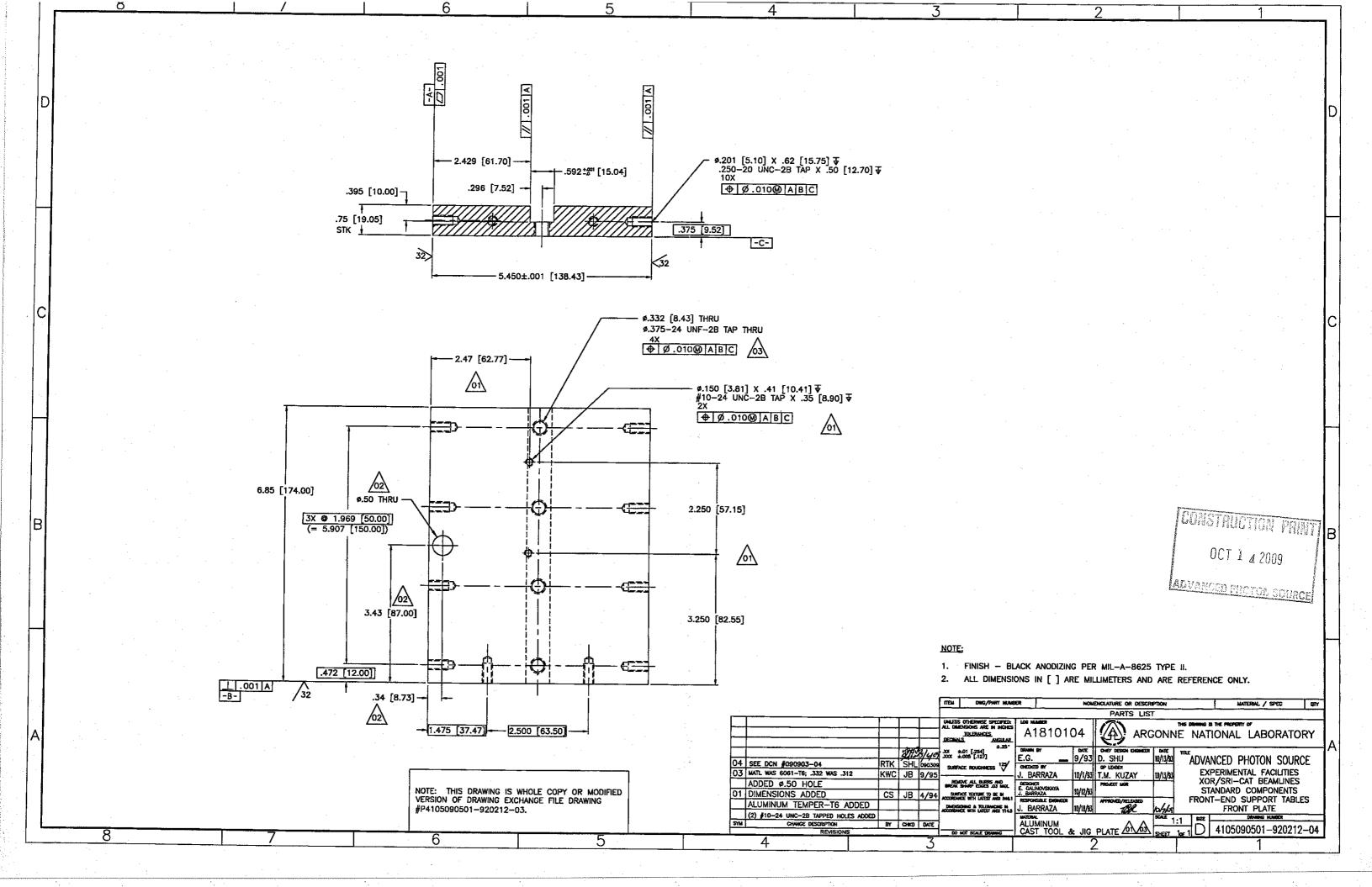


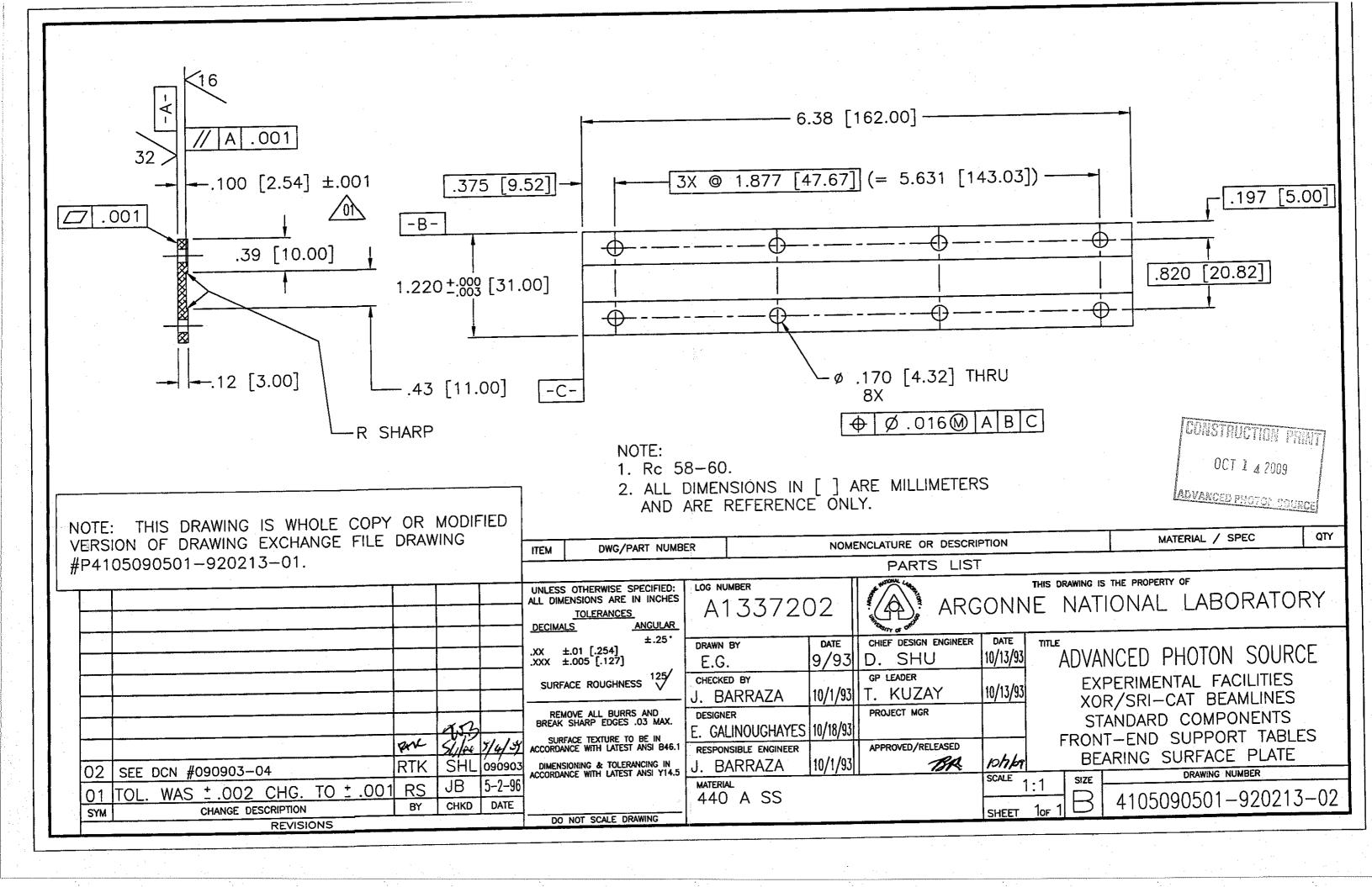


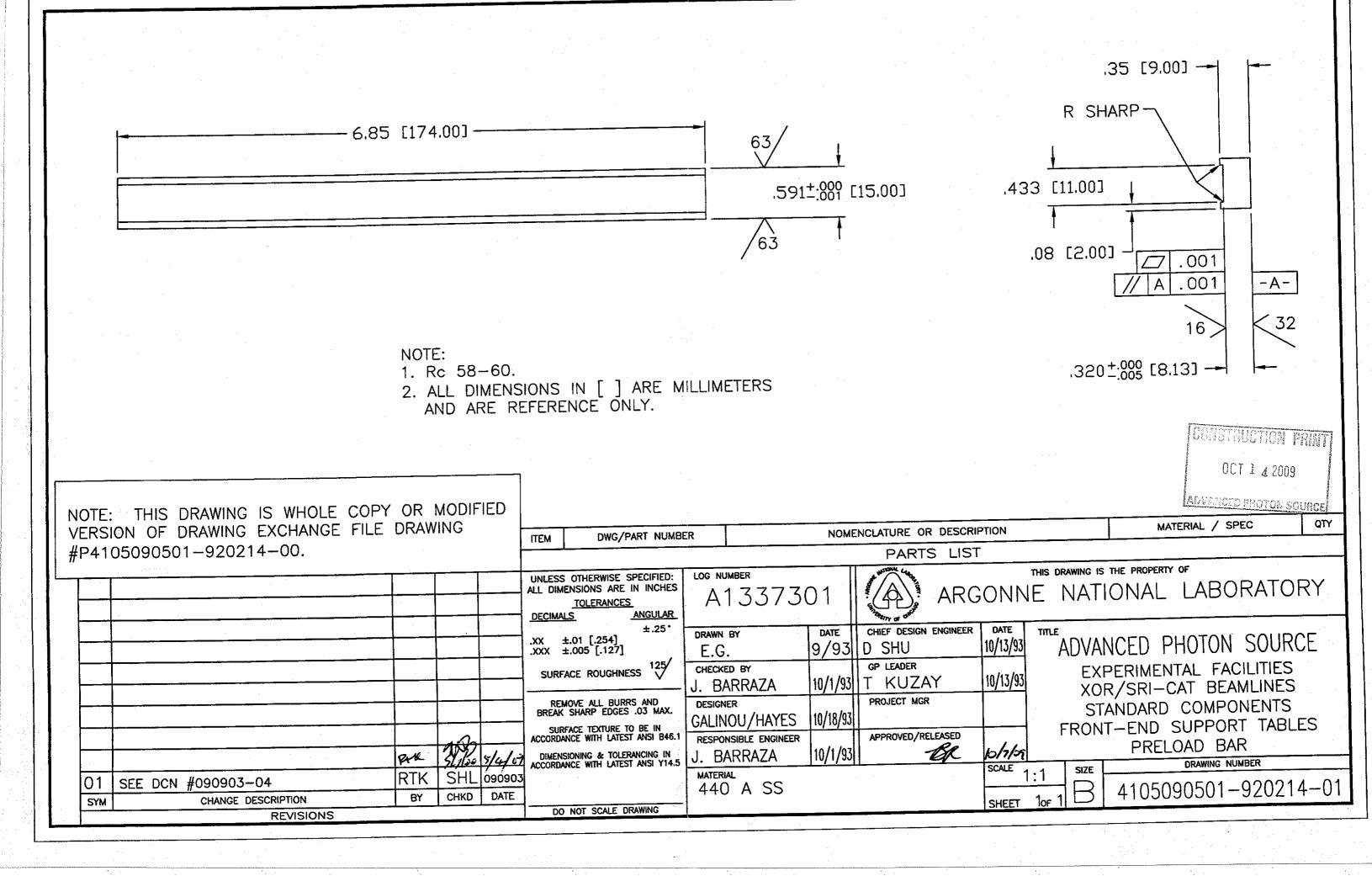


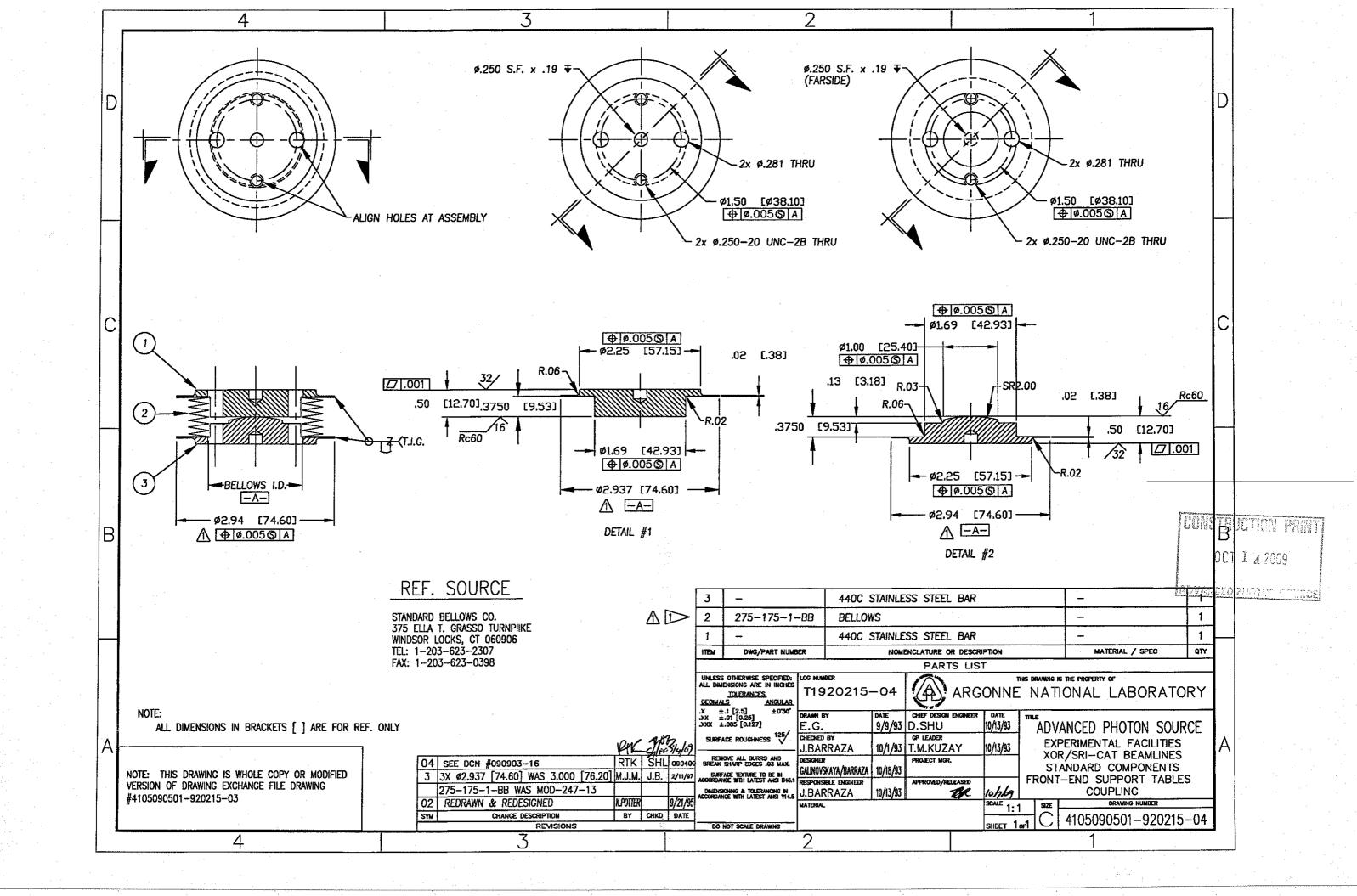


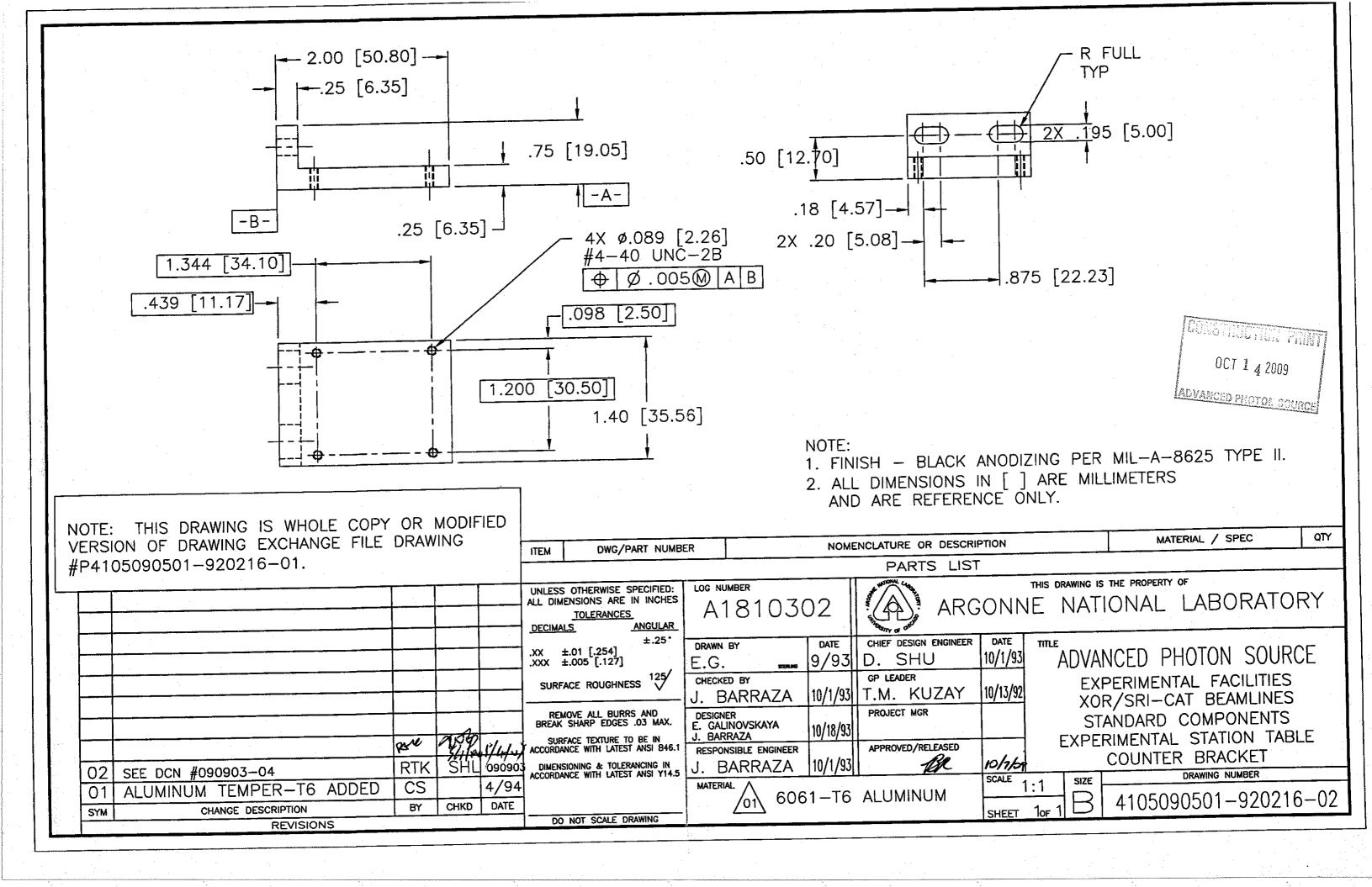


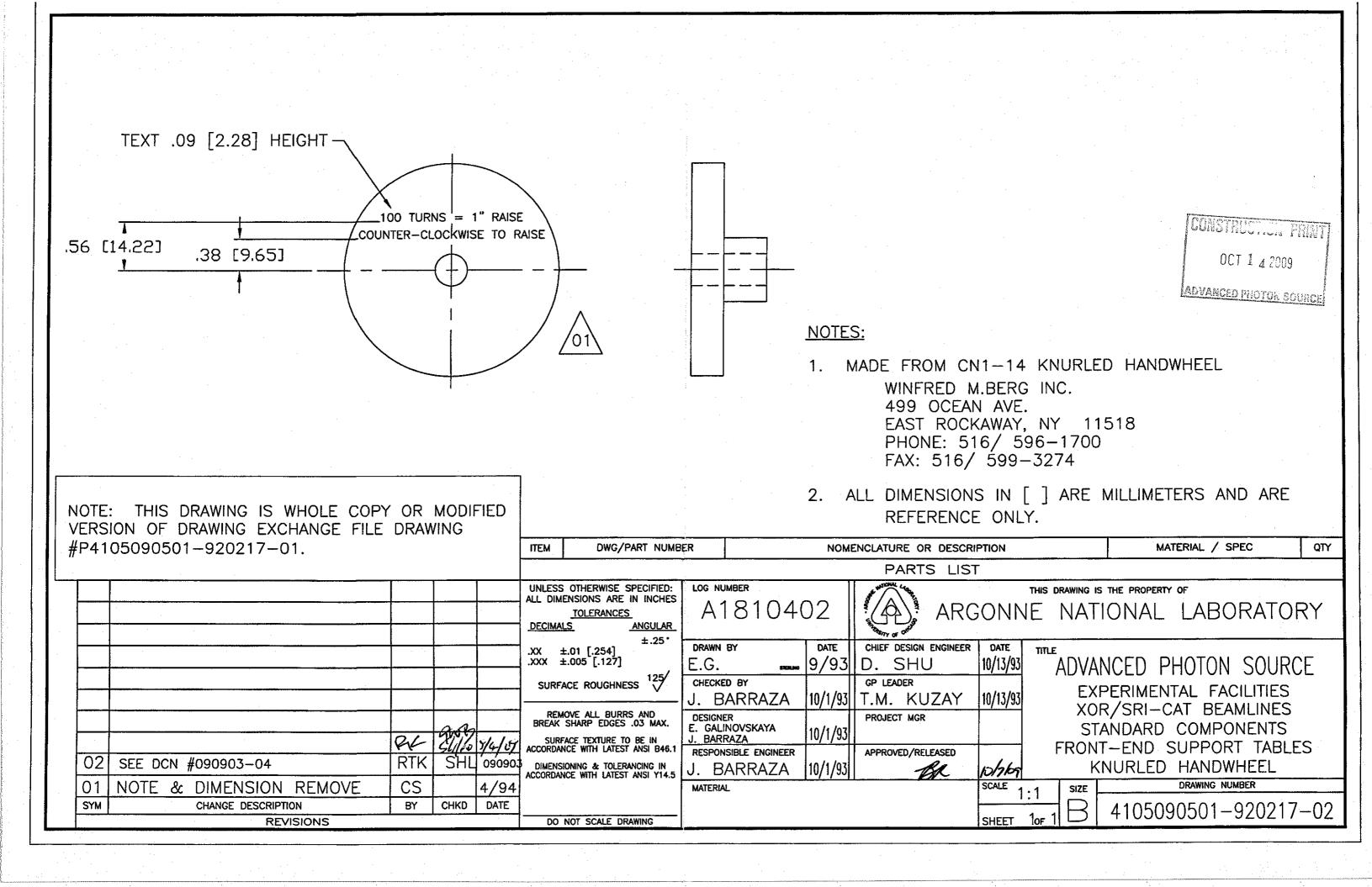


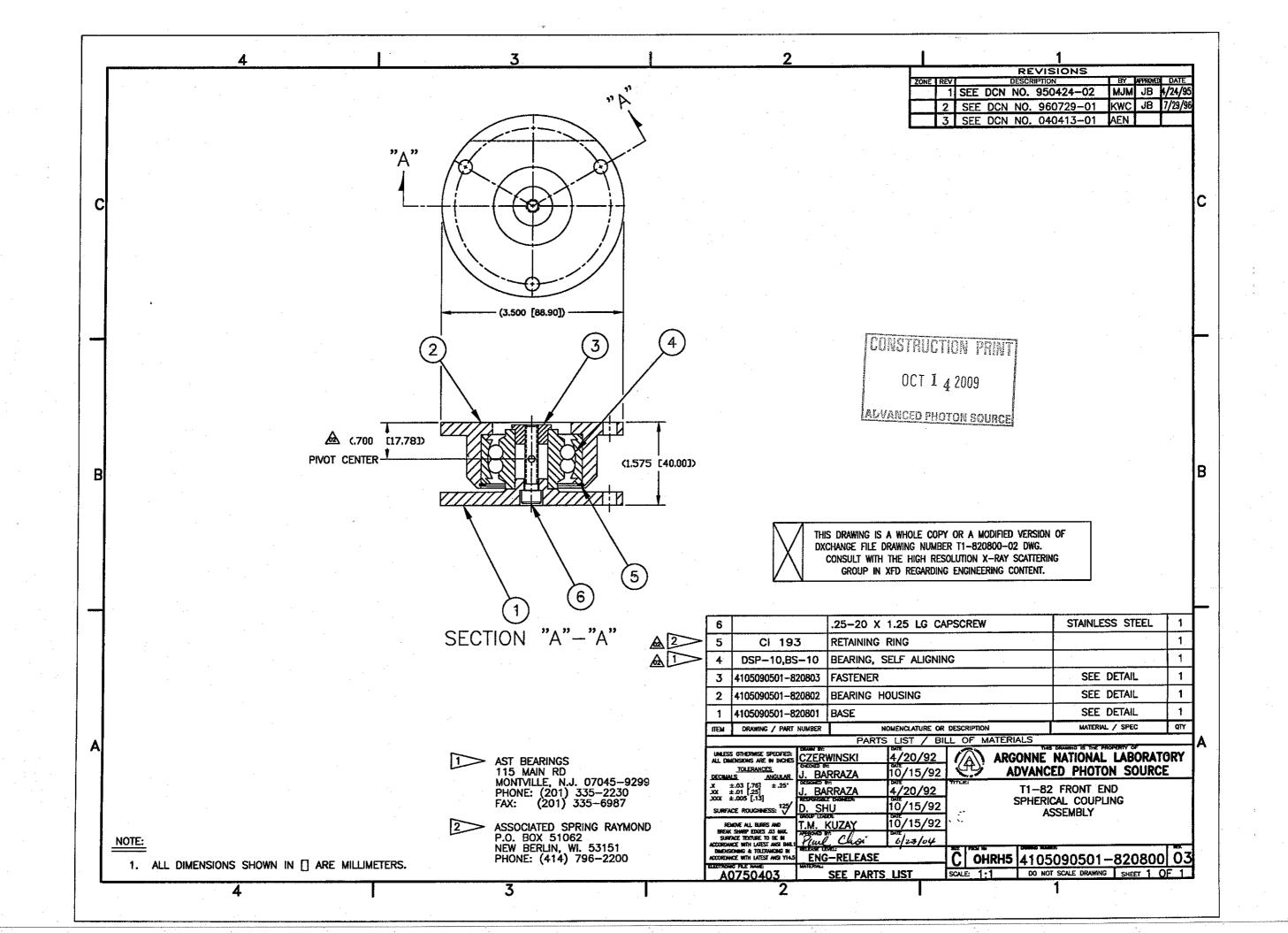


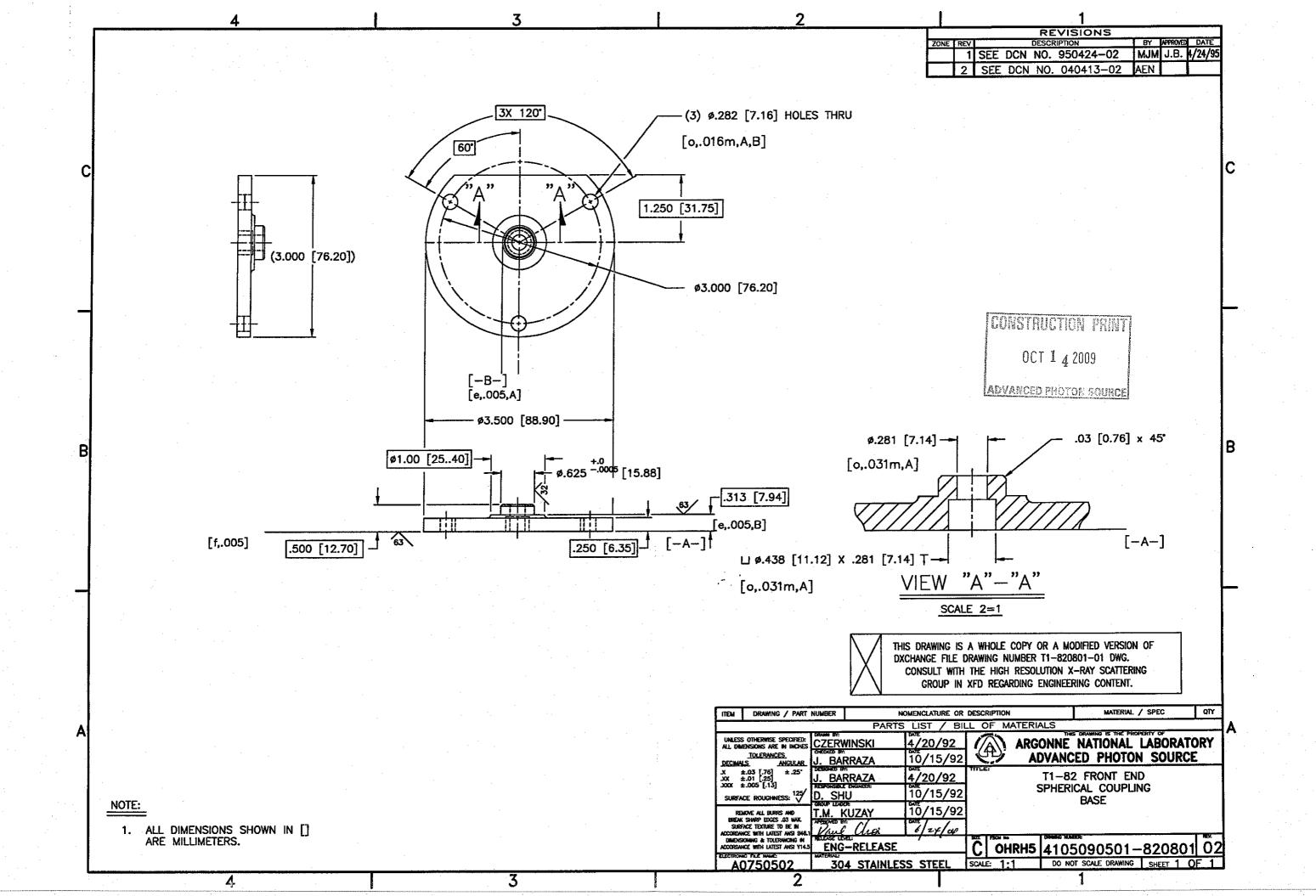


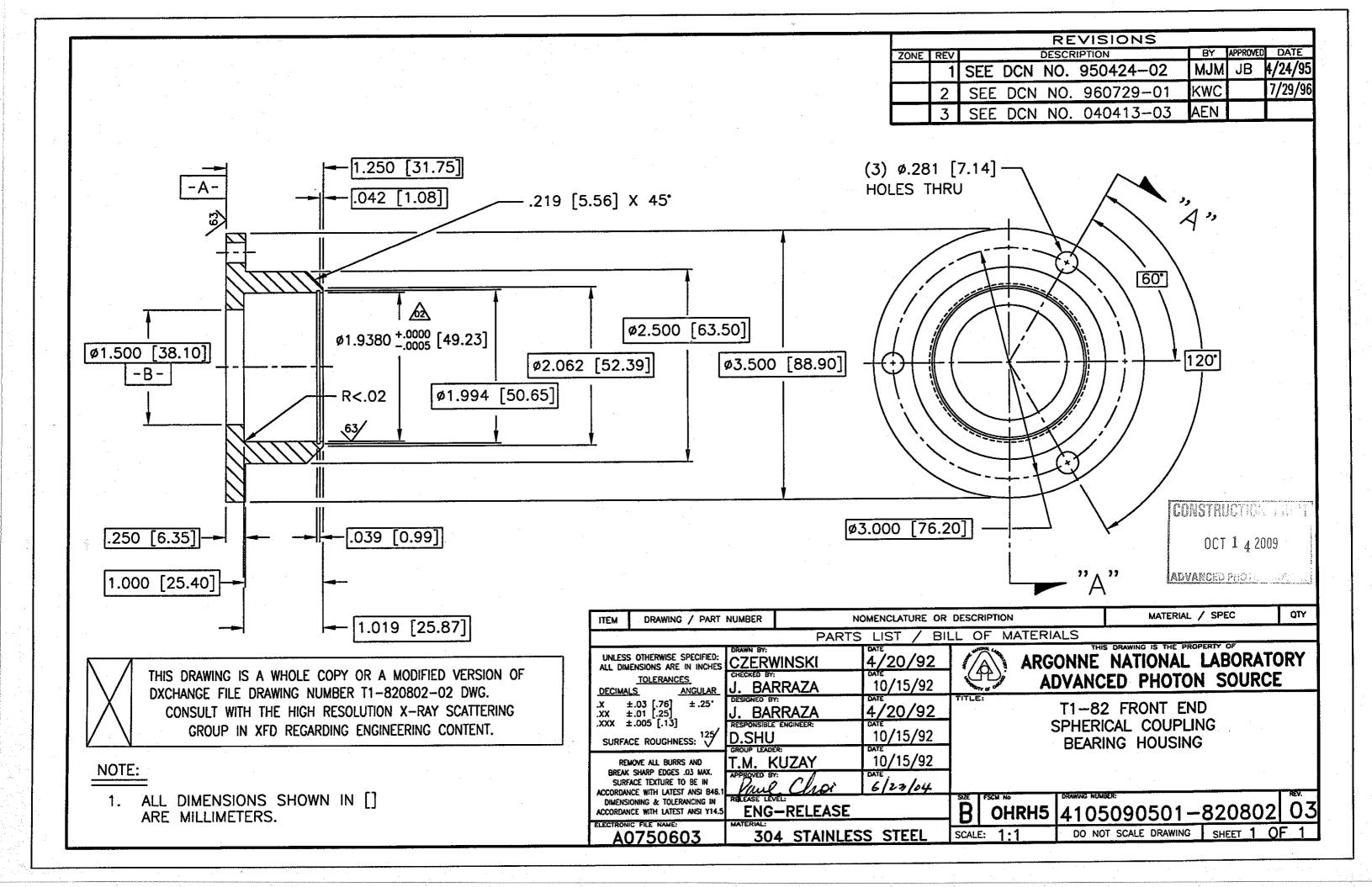




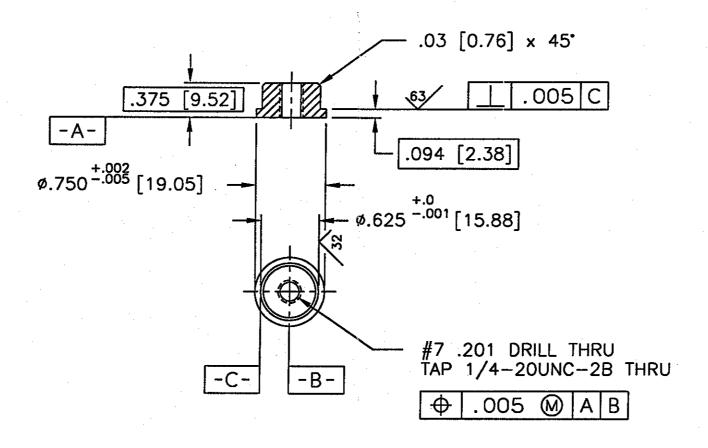








REVISIONS								
ZONE	REV		BY	APPROVED	DATE			
	1	SEE	DCN	NO.	950424-0	2 MJM		4/24/95
	2	SEE	DCN	NO.	040413-0	4 AEN		



CONSTRUCTION PRINT

OCT 1 4 2009

ADVANCED PHOTO: SOURCE

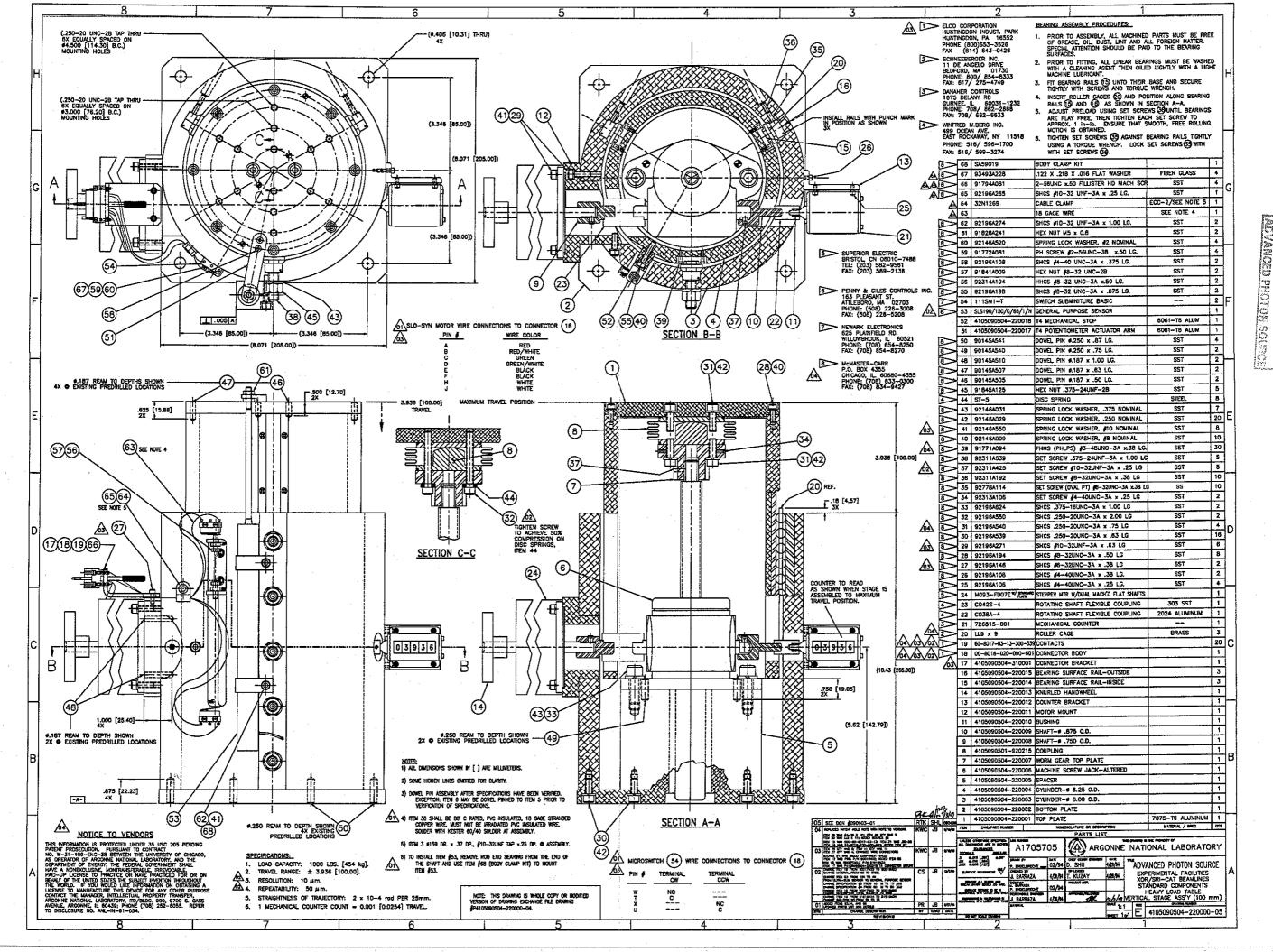
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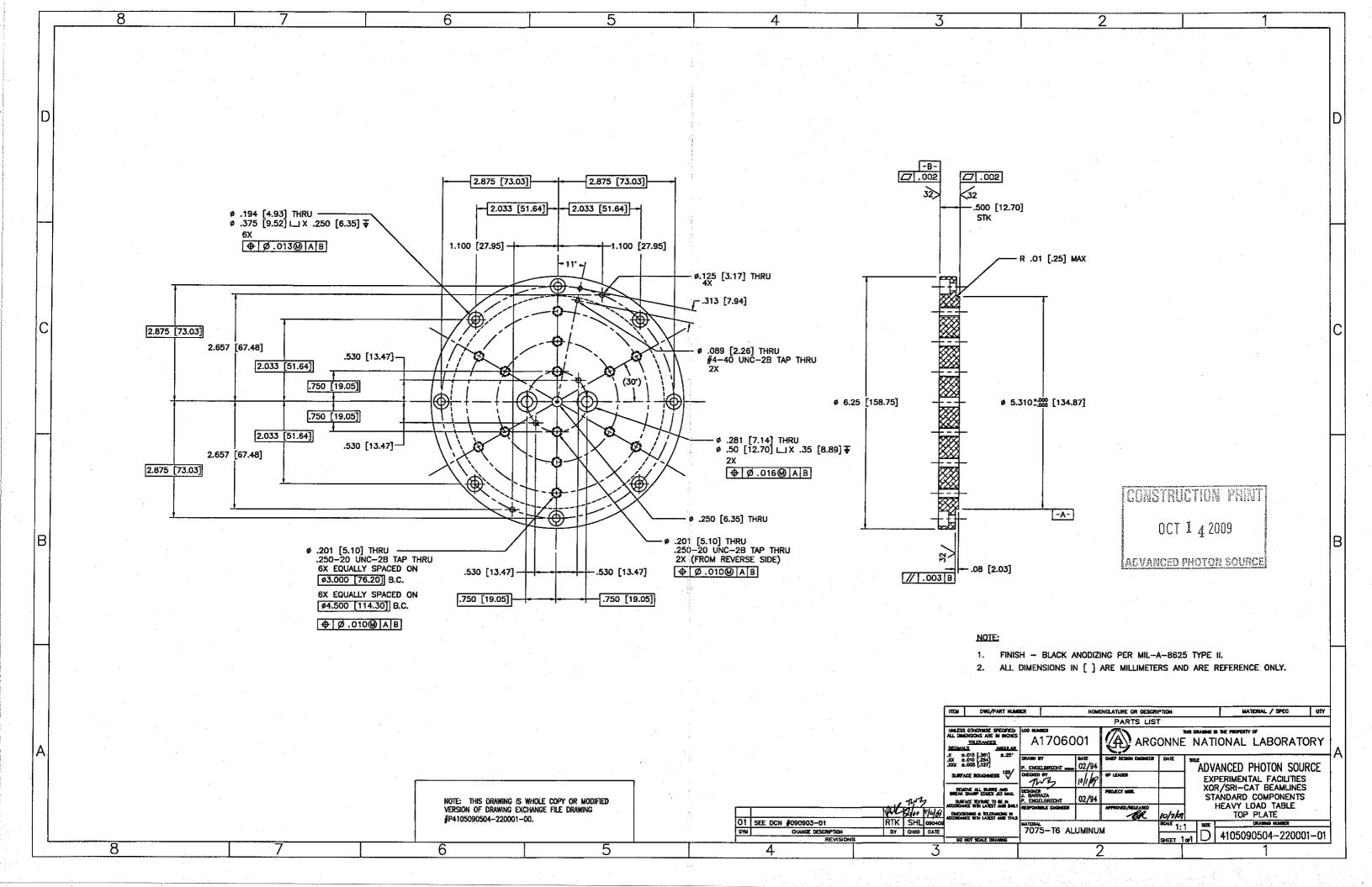
CONSULT WITH THE HIGH RESOLUTION X-RAY SCATTERING GROUP IN XFD REGARDING ENGINEERING CONTENT.

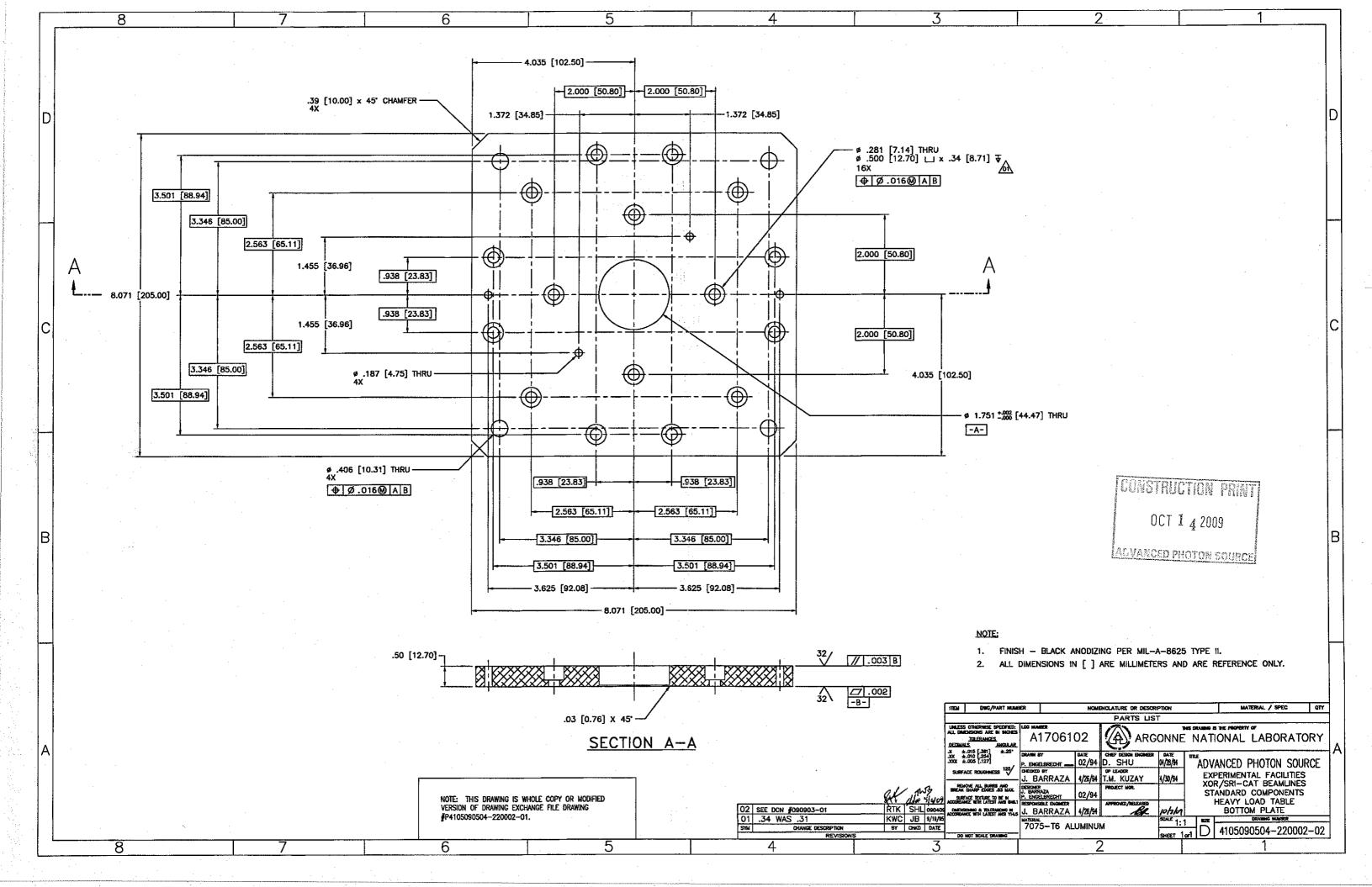
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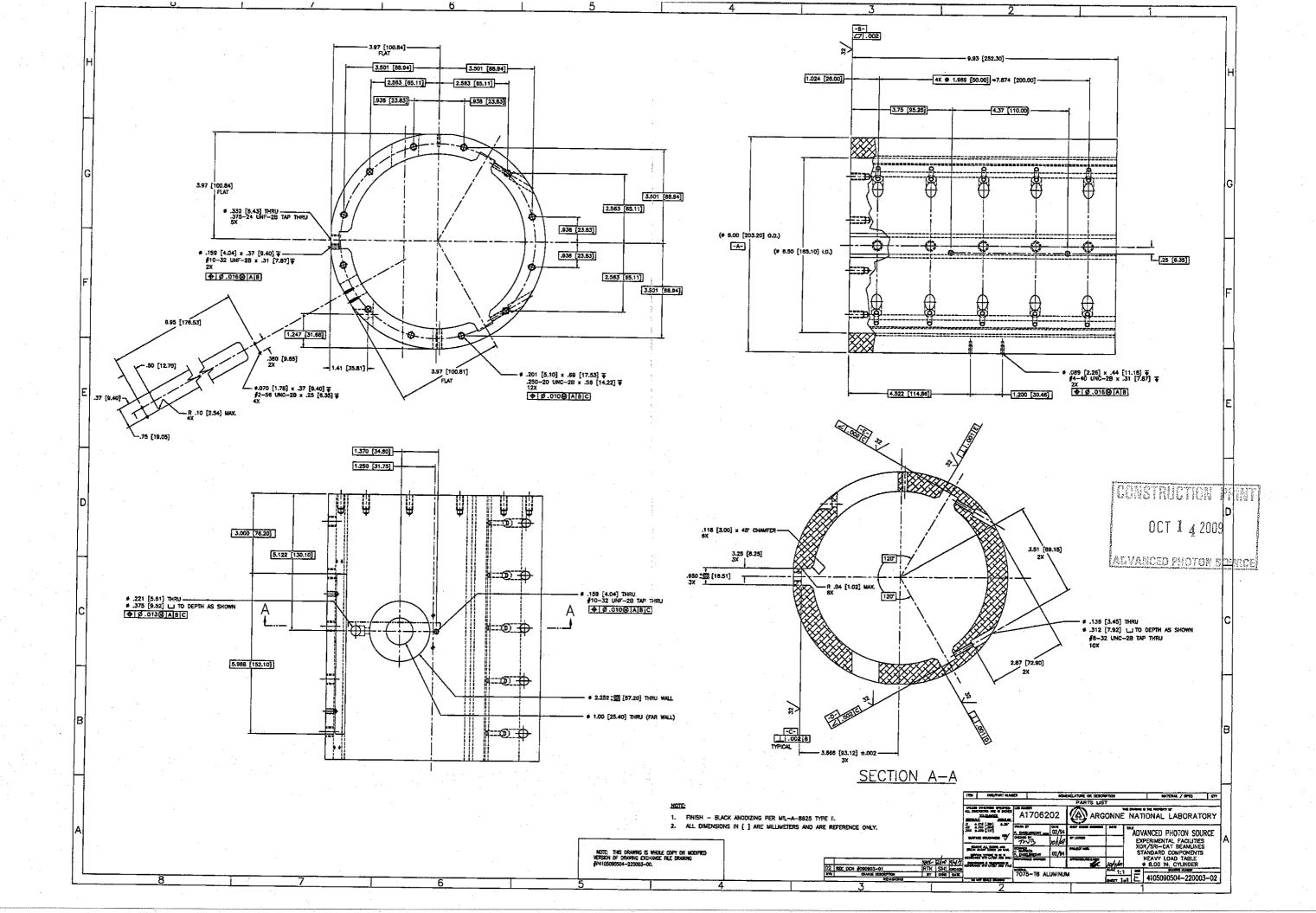
1. ALL DIMENSIONS SHOWN IN [] ARE MILLIMETERS.

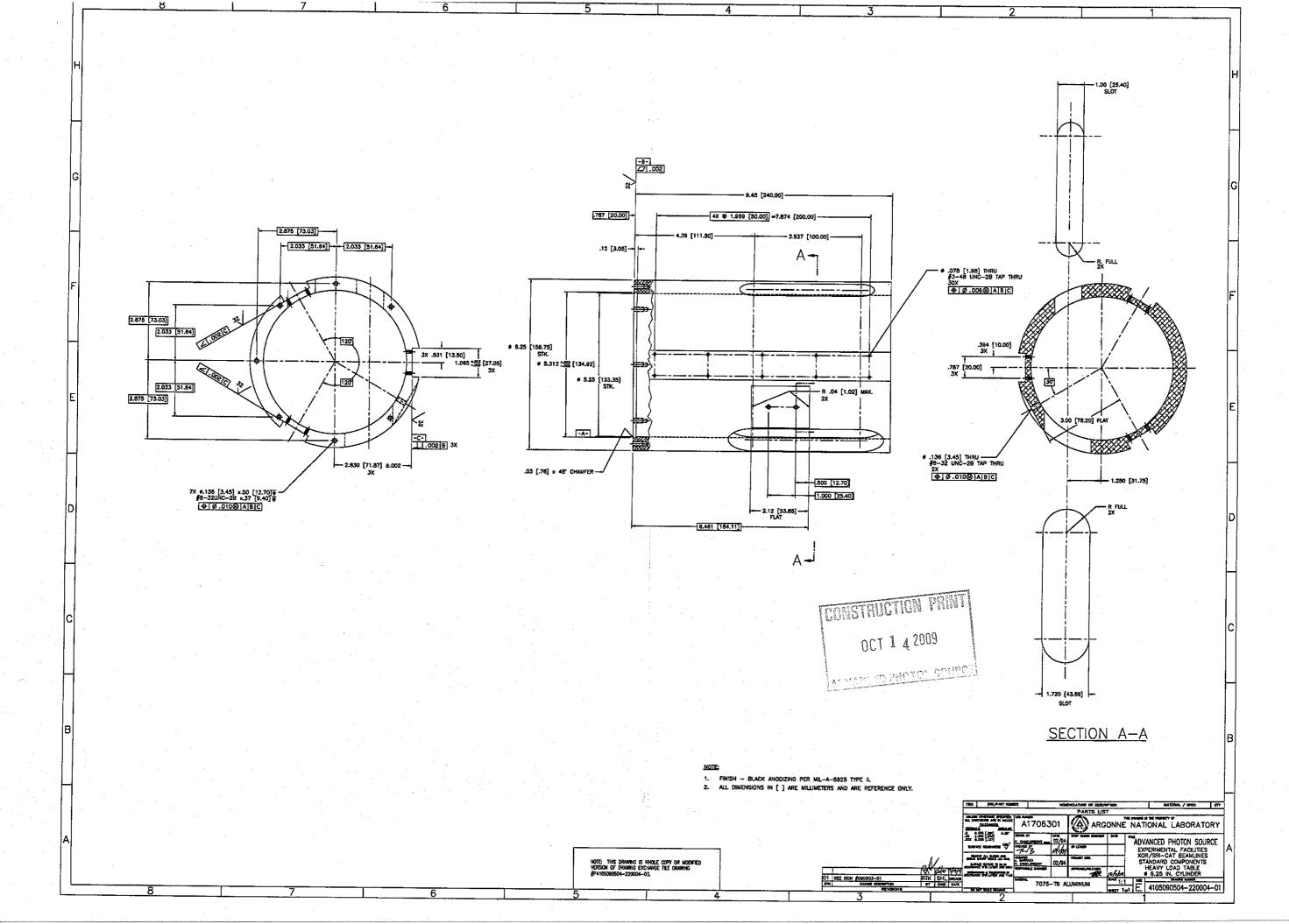
ITEM	DRAWING	PART	NUMBER	N		MATERIAL	/ SPEC	OTY			
				PARTS	LIST / BI	LL OF M	ATERIA	ALS			
	OTHERWISE SP ENSIONS ARE IN TOLERANCES S AN	INCHES	DRAWN BY: CZERV CHECKED BY: J. BAF	RRAZA	DAYE 4/20/92 DAYE 10/15/92			ONNE OVANC		LABORA	
.XXX ±	:.03 [.76] :.01 [.25] :.005 [.13] CE ROUGHNESS	125	J. BAF RESPONSIBLE D.SHU GROUP LEADE	RRAZA ENGINEER:	DATE 10/15/92	TITLE:		SPHERI	2 FRONT ENI CAL COUPLINASTENER		
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI 846.		MAX. BE IN NSI 846.1	T.M. K	Chai	10/15/92 6/23/04						
	ONING & TOLERANCIN ICE WITH LATEST ANSI		ENG	-RELEASE	·	BOH	IRH5	4105		82080	3 02
AC	75070	2	304	STAINLESS	STEEL	SCALE: 1:	1	DO NO	T SCALE DRAWING	SHEET 1	OF 1

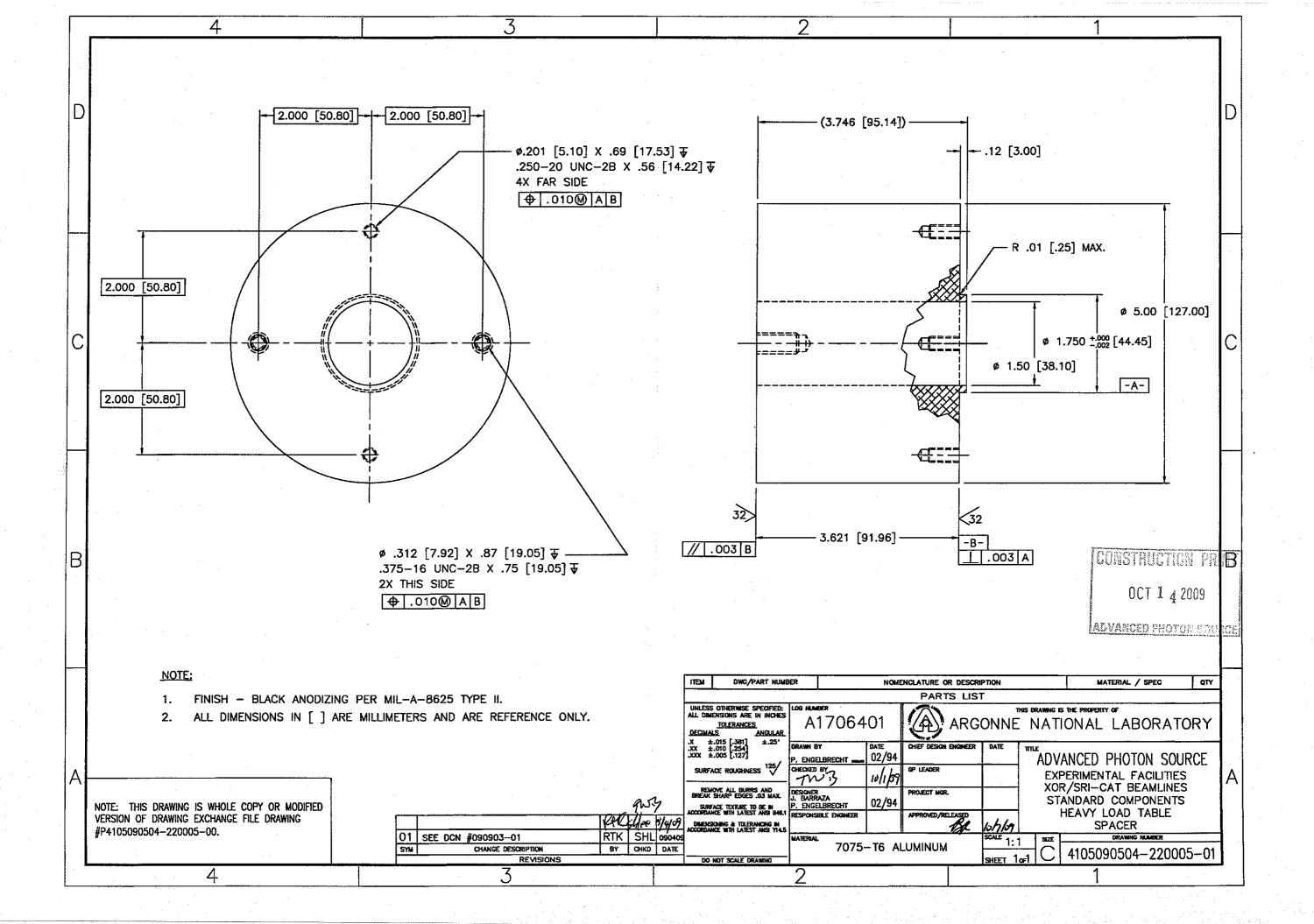


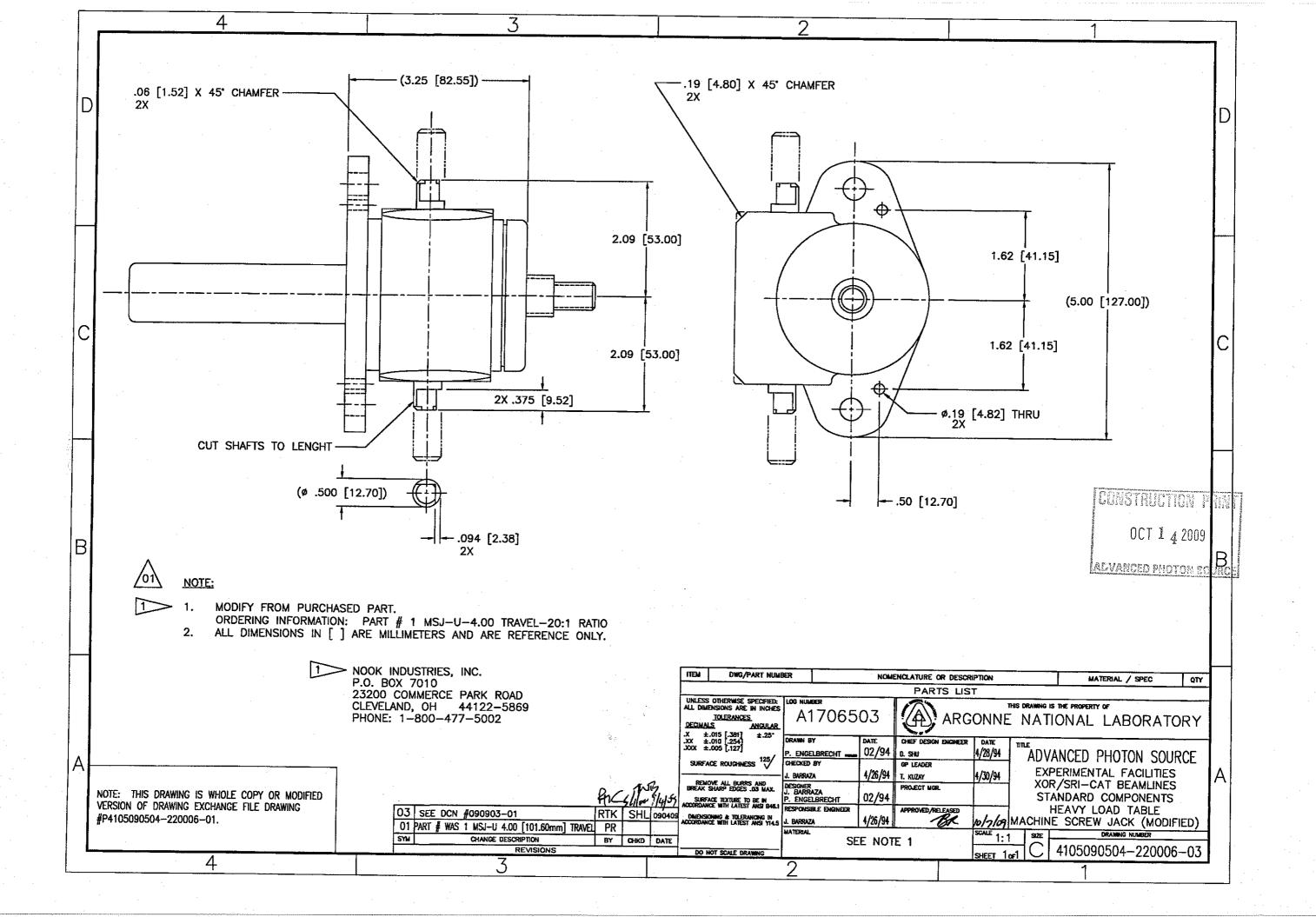


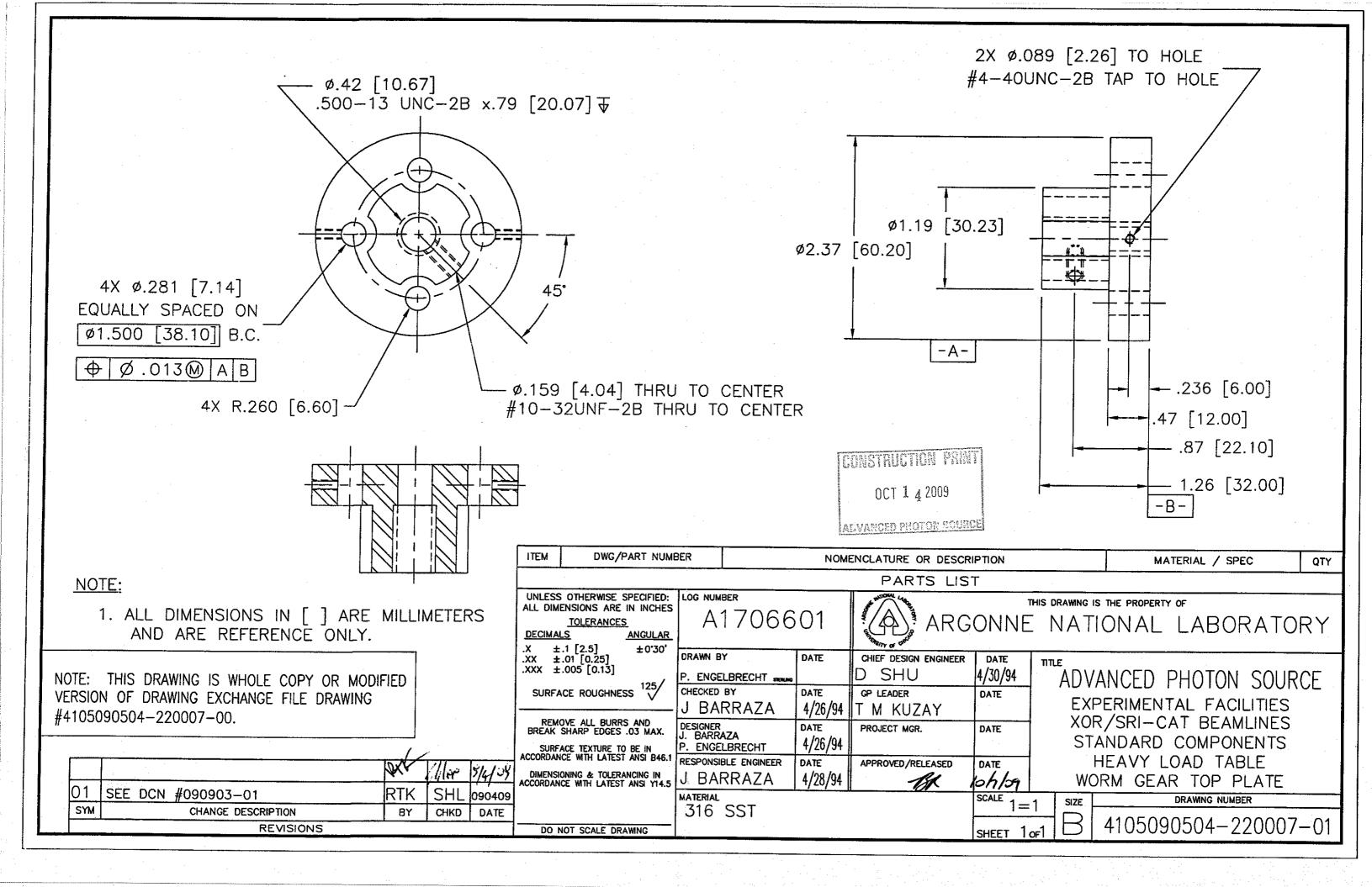


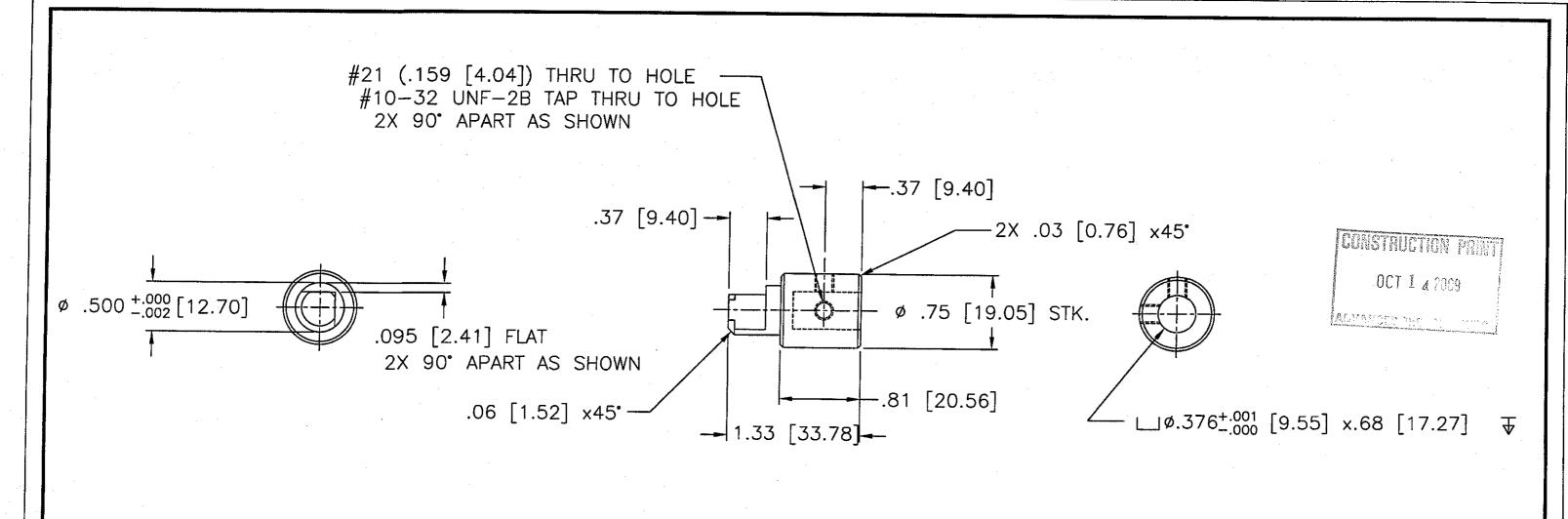








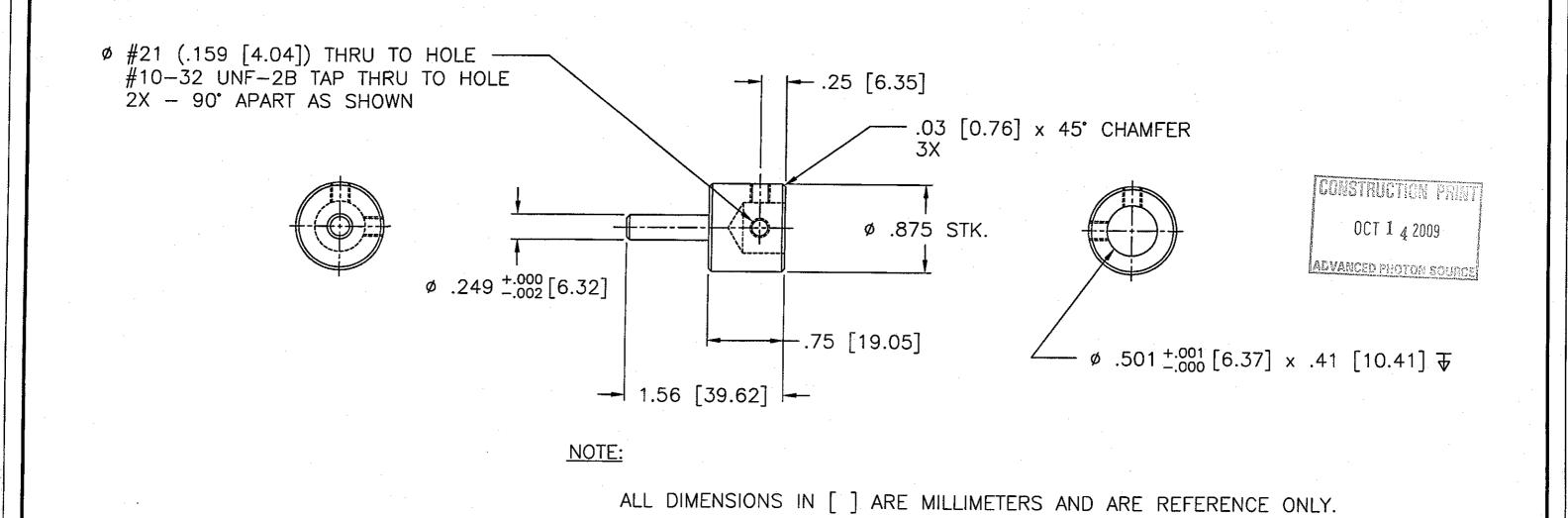




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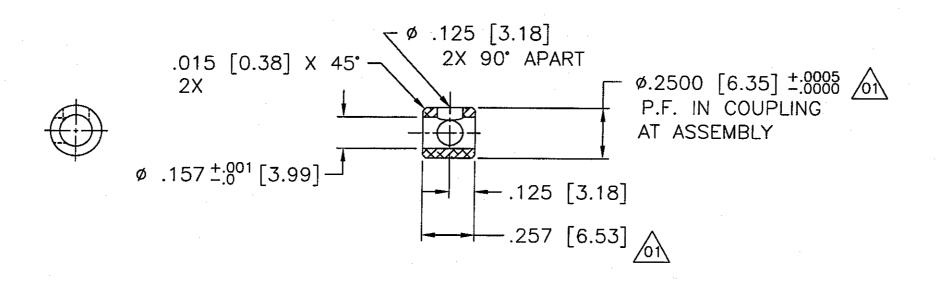
ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE REFERENCE ONLY.

DWG/PART NUMBER NOMENCLATURE OR DESCRIPTION MATERIAL / SPEC QTY PARTS LIST NOTE: THIS DRAWING IS WHOLE COPY OR MODIFIED UNLESS OTHERWISE SPECIFIED: VERSION OF DRAWING EXCHANGE FILE DRAWING THIS DRAWING IS THE PROPERTY OF ALL DIMENSIONS ARE IN INCHES A1706701 ARGONNE NATIONAL LABORATORY #P4105090504-220008-00. **TOLERANCES DECIMALS** ANGULAR .X ±.015 [.381] .XX ±.010 [.254] .XXX ±.005 [.127] ±.25° DRAWN BY CHIEF DESIGN ENGINEER 02/94 . ENGELBRECHT ADVANCED PHOTON SOURCE SURFACE ROUGHNESS 125/ CHECKED BY GP LEADER EXPERIMENTAL FACILITIES 7V15 10/1/09 XOR/SRI-CAT BEAMLINES REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. DESIGNER J. BARRAZA PROJECT MGR. STANDARD COMPONENTS 02/94 SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI 846.1 P. ENGELBRECHT HEAVY LOAD TABLE RESPONSIBLE ENGINEER APPROVED/RELEASED DIMENSIONING & TOLERANCING IN Ø.75 IN. SHAFT 10/7/29 CCORDANCE WITH LATEST ANSI Y14.5 SEE DCN #090903-01 090409 MATERIAL DRAWING NUMBER SIZE SYM CHANGE DESCRIPTION 316 SST BY CHKD DATE 4105090504-220008-01 **REVISIONS** DO NOT SCALE DRAWING SHEET 10F 1



NOTE: THIS DRAWING IS WHOLE COPY OR MODIFIED VERSION OF DRAWING EXCHANGE FILE DRAWING #P4105090504-220009-00.

	ITEM DWG/PART NUME	BER	NOM	ENCLATURE OR DESCRI	IPTION		MATERIAL / SPEC	QTY				
		PARTS LIST										
	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR X ±.015 [.381] ±.25*	LOG NUMBER A17068	301	ARC			THE PROPERTY OF IONAL LABORATOR	?Y				
	.XX ±.010 [.254] .XXX ±.005 [.127]	P. ENGELBRECHT	02/94	CHIEF DESIGN ENGINEER	DATE	TITLE ADVA	ANCED PHOTON SOUR	∩F				
	SURFACE ROUGHNESS 125	CHECKED BY	10/1/09	GP LEADER		EXF	PERIMENTAL FACILITIES					
	REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN	DESIGNER J. BARRAZA P. ENGELBRECHT	02/94	PROJECT MGR.		STA	R/SRI—CAT BEAMLINES ANDARD COMPONENTS					
14	ACCORDANCE WITH LATEST ANSI Y14.5	RESPONSIBLE ENGINEER	7	APPROVED/RELEASED	0/1/09	. }	HEAVY LOAD TABLE Ø.875 IN. SHAFT	ı				
09	DO NOT SCALE DRAWING	MATERIAL 316 SST	-		SHEET 10	SIZE L	DRAWING NUMBER 4105090504-220009					

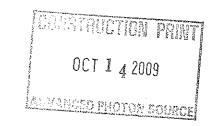


DWG/PART NUMBER

NOTE:

ITEM

ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE REFERENCE ONLY.



MATERIAL / SPEC

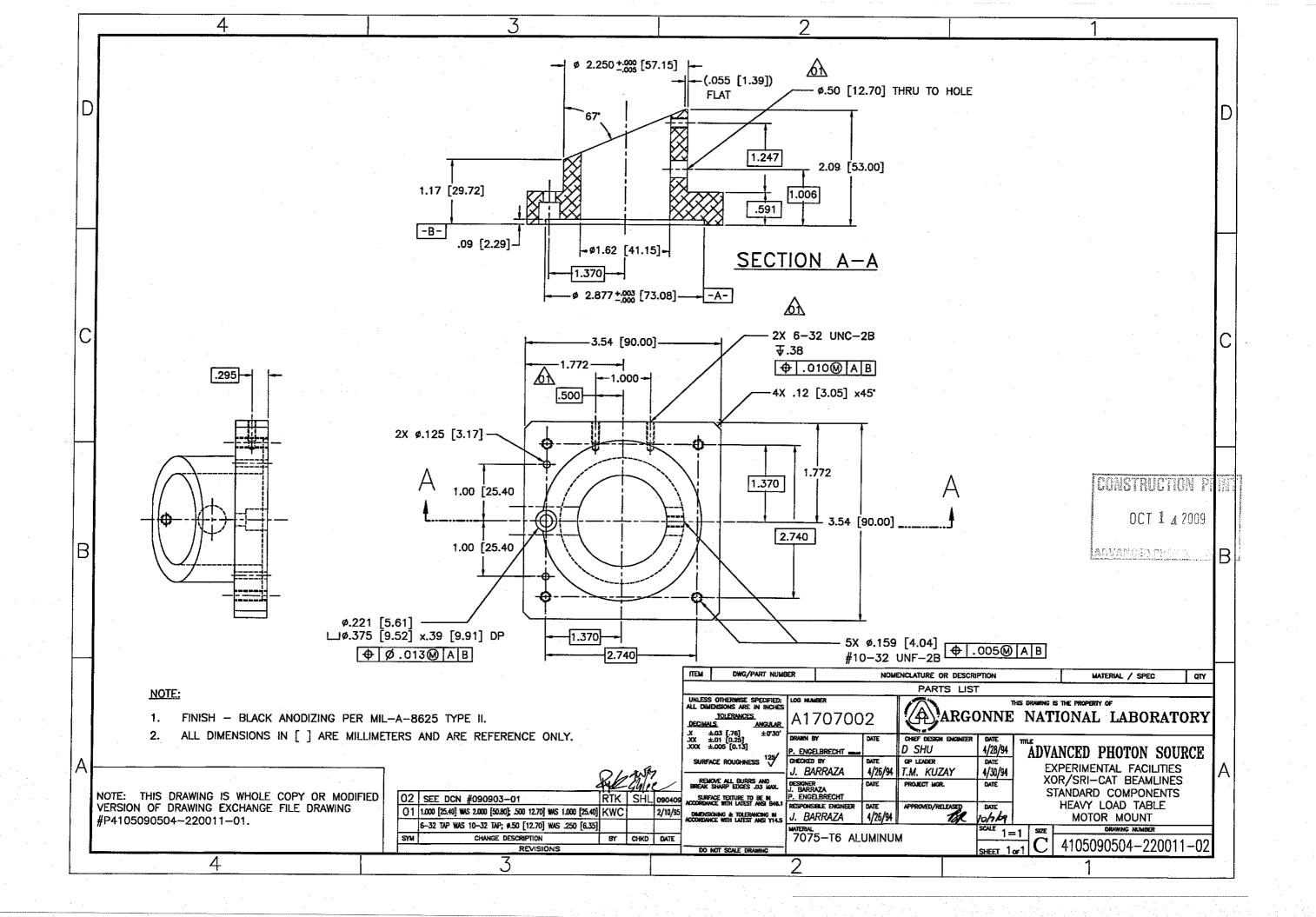
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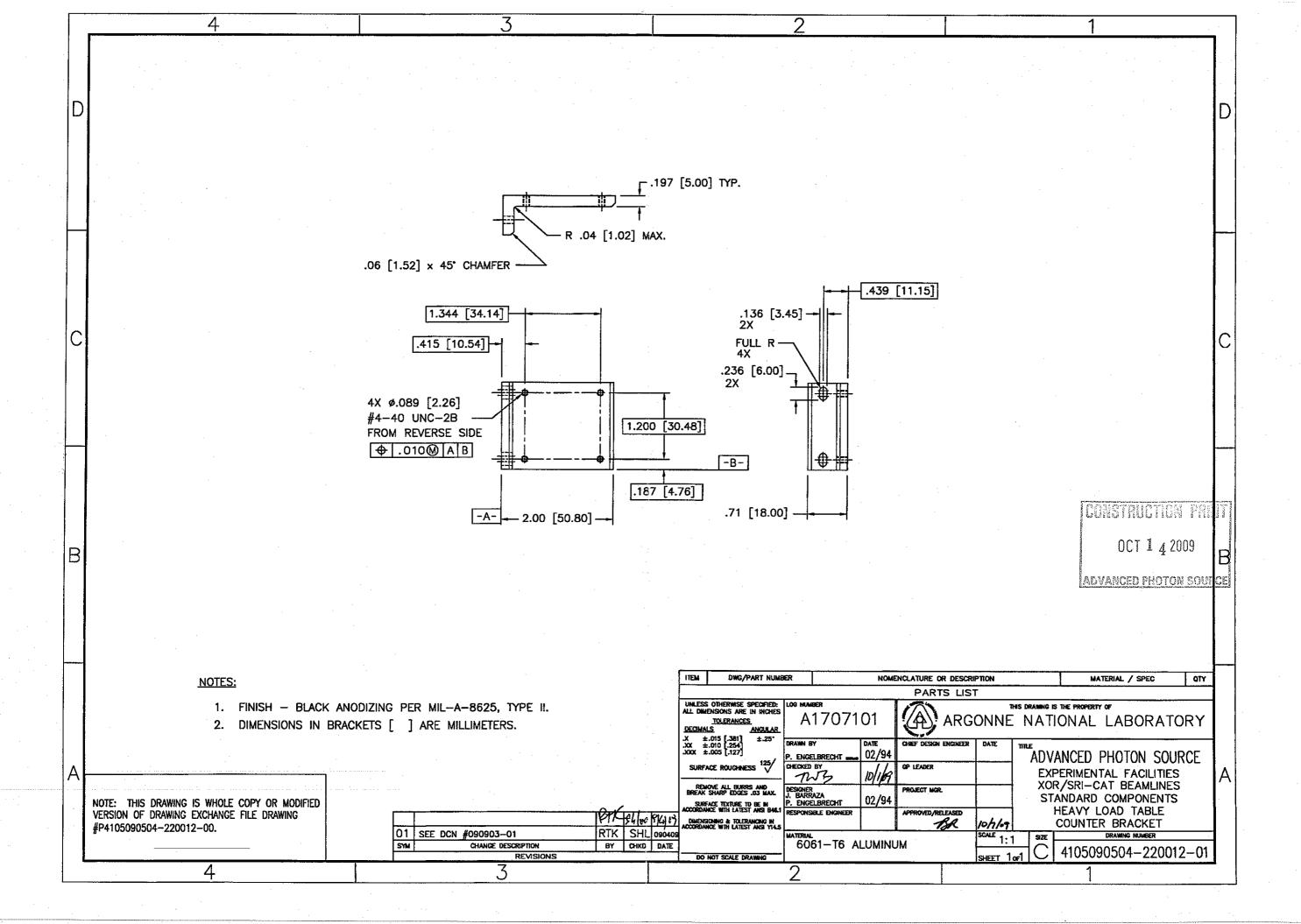
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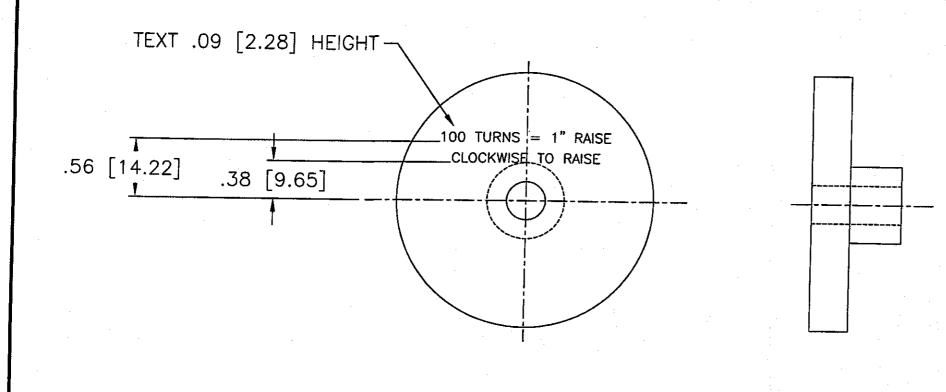
		PH	Alet	3/4/01	,
02	SEE DCN #090903-01	RTK	SHL	090409	
01	.257 WAS .38; .250 WAS .252	KWC	JB	9/19/95	,
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE	
	REVISIONS				_

PARTS LIST										
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR X ±.015 [.381] +.25	LOG NUMBER A17069	02	ARG	S THE PROPERTY OF TONAL LABORATORY						
.XX ±.010 [.254] .XXX ±.005 [.127]	DRAWN BY P. ENGELBRECHT	02/94	CHIEF DESIGN ENGINEER D. SHU	DATE 04/28/94	TITLE ADV	ANCED PHOTON SOURCE				
SURFACE ROUGHNESS 125	CHECKED BY J. BARRAZA	4/26/94	GP LEADER T.M. KUZAY	4/30/94	EX	PERIMENTAL FACILITIES				
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN	DESIGNER J. BARRAZA P. ENGELBRECHT	02/94	PROJECT MGR.		XOR/SRI-CAT BEAMLINES STANDARD COMPONENTS					
ACCORDANCE WITH LATEST ANSI 846.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5	RESPONSIBLE ENGINEER J. BARRAZA	4/26/94	APPROVED/RELEASED	10/7/29		HEAVY LOAD TABLE BUSHING				
		SCALE	SIZE	DRAWING NUMBER						
DO NOT SCALE DRAWING	6061-	UMINUM		F 1 B	4105090504-220010-02					
	ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR X ±.015 [.381] ±.25 XX ±.010 [.254] XXX ±.005 [.127] SURFACE ROUGHNESS REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI 846.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5	ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X ±.015 [.381] ±.25 .XX ±.010 [.254] .XXX ±.005 [.127] SURFACE ROUGHNESS REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI 846.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 MATERIAL A 1 7 0 6 9 DRAWN BY P. ENGELBRECHT CHECKED BY J. BARRAZA P. ENGELBRECHT RESPONSIBLE ENGINEER J. BARRAZA MATERIAL 6061	ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X ±.015 [.381] ±.25 . .XX ±.010 [.254] .XXX ±.005 [.127] SURFACE ROUGHNESS REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI 846.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 ALTO 6902 DRAWN BY P. ENGEL BRECHT CHECKED BY J. BARRAZA P. ENGEL BRECHT RESPONSIBLE ENGINEER J. BARRAZA P. ENGEL BRECHT RESPONSIBLE ENGINEER J. BARRAZA A/26/94 MATERIAL 6061—T6 AL	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS X ± 0.015 [.381] ± .25 XX ± .010 [.254] XXX ± .005 [.127] SURFACE ROUGHNESS P. ENGELBRECHT CHECKED BY J. BARRAZA SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 LOG NUMBER A 1 7 0 6 9 0 2 DRAWN BY DATE CHIEF DESIGN ENGINEER DOZ/94 CHIEF DESIGN ENGINEER DOZ/94 T.M. KUZAY DESIGNER J. BARRAZA P. ENGELBRECHT RESPONSIBLE ENGINEER J. BARRAZA P. ENGELBRECHT RESPONSIBLE ENGINEER J. BARRAZA APPROVED/RELEASED MATERIAL 6061—T6 ALUMINUM	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR X ±.015 [.381] ±.25 .XX ±.010 [.254] .XXX ±.005 [.127] SURFACE ROUGHNESS REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI 946.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI 914.5 LOG NUMBER A 1 7 0 6 9 0 2 DRAWN BY DATE 02/94 DATE 02/94 DATE 04/28/94 CHIEF DESIGN ENGINEER DATE 04/28/94 T.M. KUZAY 4/30/94 PROJECT MGR. DESIGNER J. BARRAZA P. ENGELBRECHT 02/94 APPROVED/RELEASED J. BARRAZA P. ENGELBRECHT ACCORDANCE WITH LATEST ANSI 914.5 MATERIAL 6061—T6 ALUMINUM	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X ±.015 [.381] ±.25 .XX ±.010 [.254] .XXX ±.005 [.127] SURFACE ROUGHNESS P. ENGELBRECHT CHECKED BY J. BARRAZA P. ENGELBRECHT DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 LOG NUMBER A 1 7 0 6 9 0 2 DATE CHIEF DESIGN ENGINEER DATE CHIEF DESIGN ENGINEER DATE CHIEF DESIGN ENGINEER DATE OL4/28/94 TITLE A DV A CHIEF DESIGN ENGINEER DATE A DV A DESIGNER J. BARRAZA PROJECT MGR. ST DESIGNER J. BARRAZA PROVED/RELEASED J. BARRAZA A PPROVED/RELEASED MATERIAL 6061—T6 ALUMINUM				

NOMENCLATURE OR DESCRIPTION







ITEM

DWG/PART NUMBER

CONSTRUCTION PRINT OCT 1 4 2009 ADVANCED PHOTON SOURCE

NOTES:

- 1. MADE FROM CN1-14 KNURLED HANDWHEEL WINFRED M.BERG INC. 499 OCEAN AVE. EAST ROCKAWAY, NY 11518 PHONE: 516/ 596-1700 FAX: 516/ 599-3274
- 2. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

NOTE: THIS DRAWING IS WHOLE COPY OR MODIFIED VERSION OF DRAWING EXCHANGE FILE DRAWING #P4105090504-220013-00.

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! 		12%	Shee	1/409
01	SEE DCN #090903-01	RTK	SHL	082109
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
_	REVISIONS			

-	ITEM	DWG/PART NUMB	ER	NOM	ENCLATURE OR DESCRI	PTION		MATERIAL / SPEC	QTY
Ļ					PARTS LIST				
	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .X ±.015 [.381] ±.25		A1707201		GENT OF CHE	S THE PROPERTY OF TONAL LABORATOR'S	Υ		
	.XXX ±.	010 [.254] 005 [.127] CE ROUGHNESS 125/	P. ENGELBRECHT CHECKED BY	02/94	CHIEF DESIGN ENGINEER GP LEADER	DATE		ANCED PHOTON SOURCE PERIMENTAL FACILITIES	E
	BREAK S	E TEXTURE TO BE IN	DESIGNER J. BARRAZA P. ENGELBRECHT	02/94	PROJECT MGR.		XO ST	R/SRI-CAT BEAMLINES ANDARD COMPONENTS	
	CCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN CCORDANCE WITH LATEST ANSI Y14.5	RESPONSIBLE ENGINEER		APPROVED/RELEASED	10/2/09		HEAVY LOAD TABLE NURLED HANDWHEEL		
<u> </u>	DO NO	DT SCALE DRAWING	MATERIAL 303 SST			SCALE 1:1 SHEET 10F	SIZE L	DRAWING NUMBER 4105090504-220013-1	01

