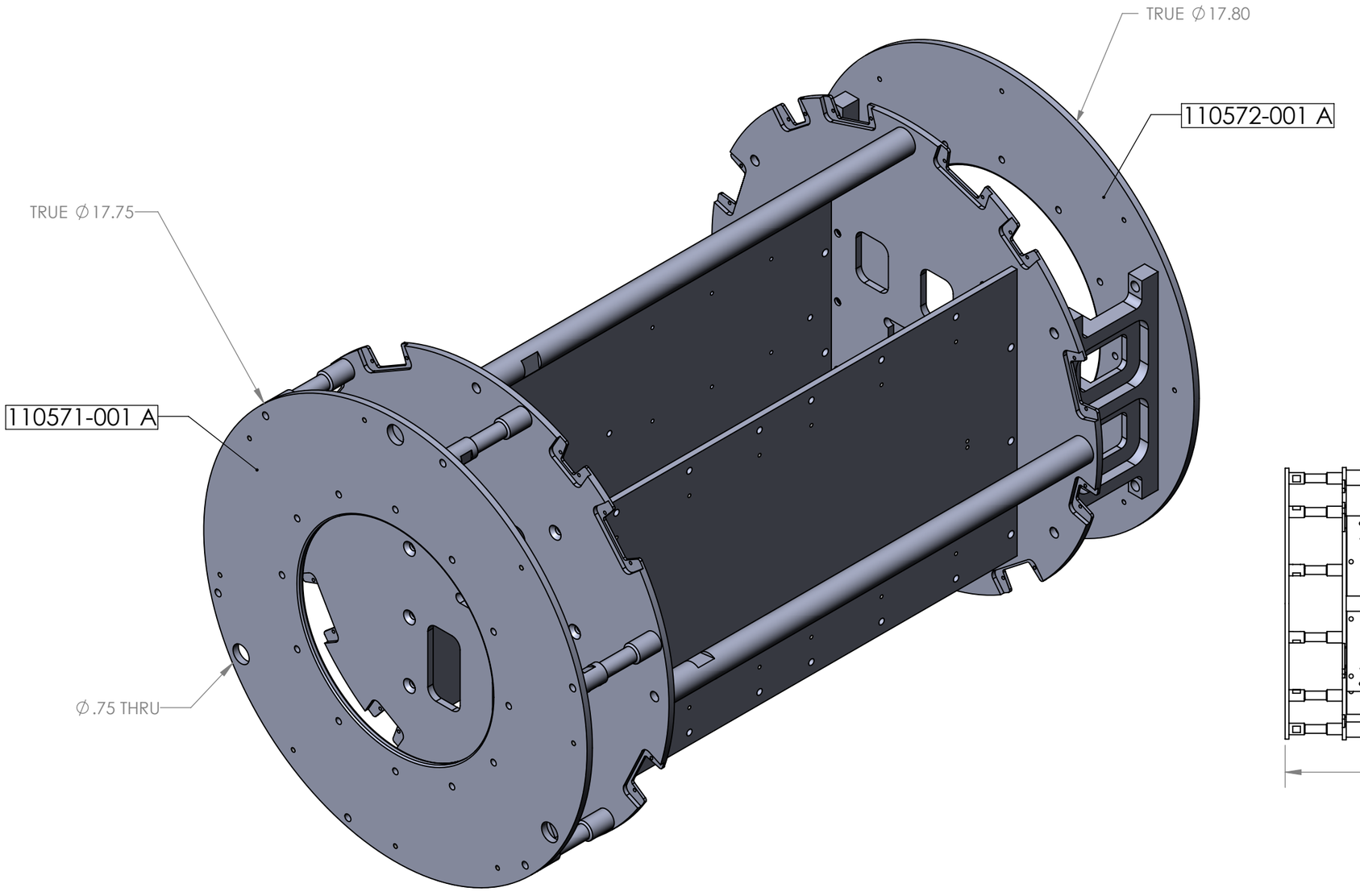
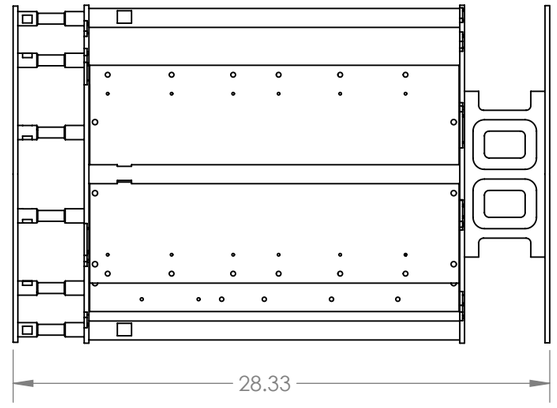
DWG NO:	ERROR!:Number	SHEET 1

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED





UNLESS OTHERWISE NOTED		APPROVALS	DATE
- APPLICABLE STANDARDS: MIL-STD-XXX - SURFACE FINISH: 125RMS - MACHINED FILLETS: R.015 MAX - REMOVE ALL BURRS, BREAK SHARP EDGES .015 MAX - DIMENSIONS AND SURFACE FINISH TO BE MET AFTER SPECIFIED COATINGS	DIMENSIONS ARE IN INCHES WEIGHT IS IN POUNDS (X.X) INDICATES A REPEATED OR INFORMATIONAL DIMENSION TOLERANCES: FRACTIONS: ± 1/16 .X: ± .050 .XX: ± .030 .XXX: ± .005 ANGLES: ± 1.0 MATERIAL:	CHIEF ENGR: SYS ENGR: QA/SAFETY: SR ENGR: ENGINEER: CHECKED: DRAWN:	
THIRD ANGLE PROJECTION			

APPLIED PHYSICS LABORATORY
UNIVERSITY OF WASHINGTON
1013 NE 40TH ST. SEATTLE, WA. 98105

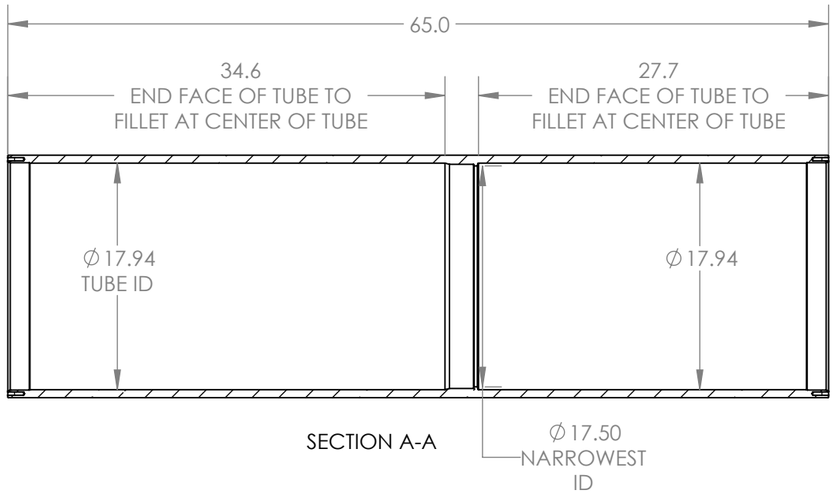
TITLE: LEGACY LV POWER ELECTRONICS ASSEMBLY

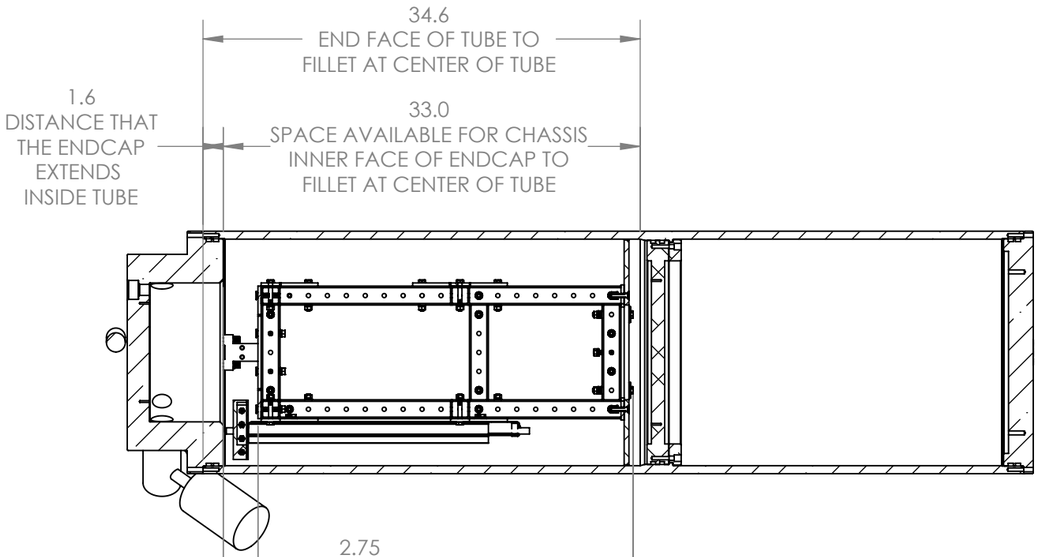
PROJECT FOLDER:	SIZE:	CAGE CODE:	DWG NO:	REV:
	B	98514		A

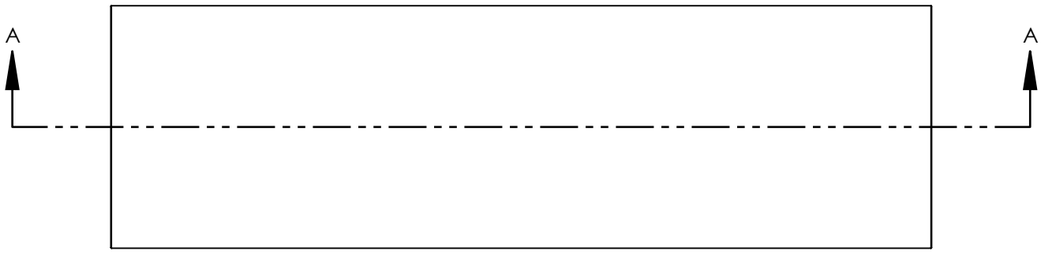
WEIGHT:	DO NOT SCALE DRAWING	CAD FILE: MARS2022_A100_LEGACY_110555-100 XB	SHEET 1 OF 5

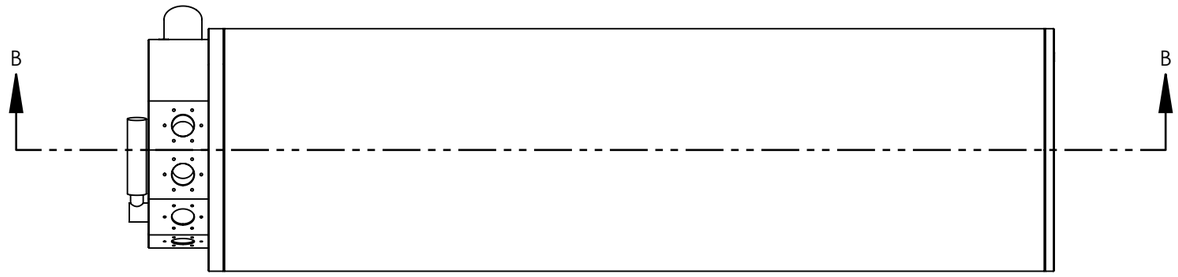
DWG NO:	ERROR!:Number	SHEET 2

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED









110414
TUBE

UNLESS OTHERWISE NOTED		APPROVALS	DATE
- APPLICABLE STANDARDS: MIL-STD-XXX - SURFACE FINISH: 125RMS - MACHINED FILLETS: R.015 MAX - REMOVE ALL BURRS, BREAK SHARP EDGES .015 MAX - DIMENSIONS AND SURFACE FINISH TO BE MET AFTER SPECIFIED COATINGS	DIMENSIONS ARE IN INCHES WEIGHT IS IN POUNDS (X.X) INDICATES A REPEATED OR INFORMATIONAL DIMENSION TOLERANCES: FRACTIONS: ± 1/16 .X: ± .050 .XX: ± .030 .XXX: ± .005 ANGLES: ± 1.0 MATERIAL:	CHIEF ENGR: SYS ENGR: QA/SAFETY: SR ENGR: ENGINEER: CHECKED: DRAWN:	
THIRD ANGLE PROJECTION			

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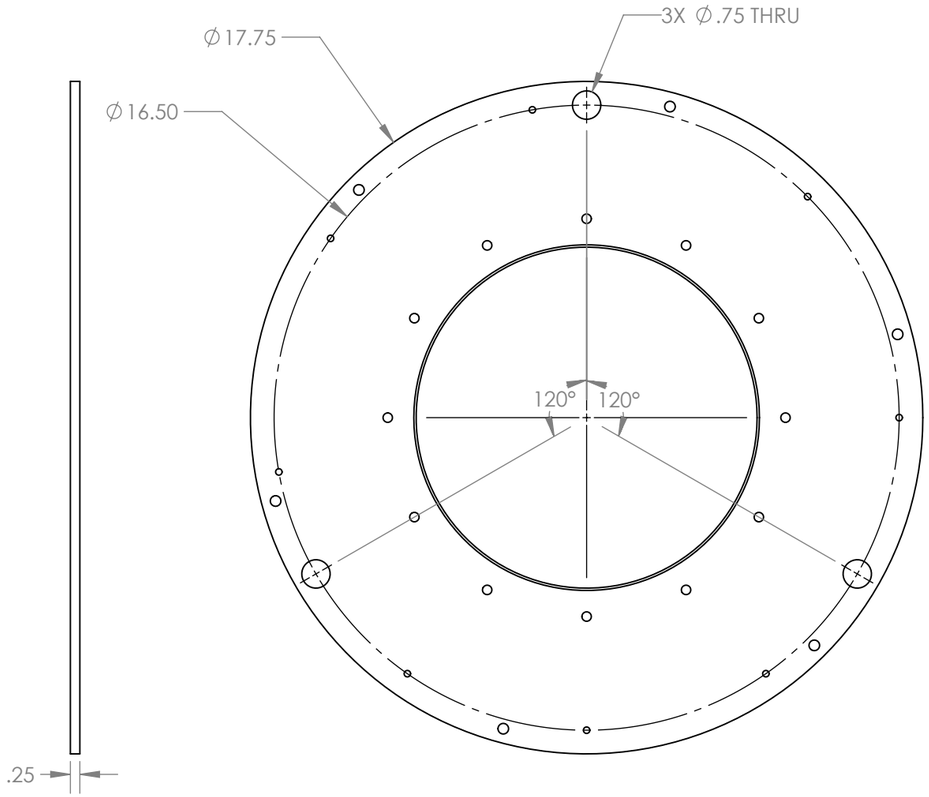
TITLE: TUBE DIMENSIONS

PROJECT FOLDER:	SIZE:	CAGE CODE:	DWG NO:	REV:
	B	98514		A

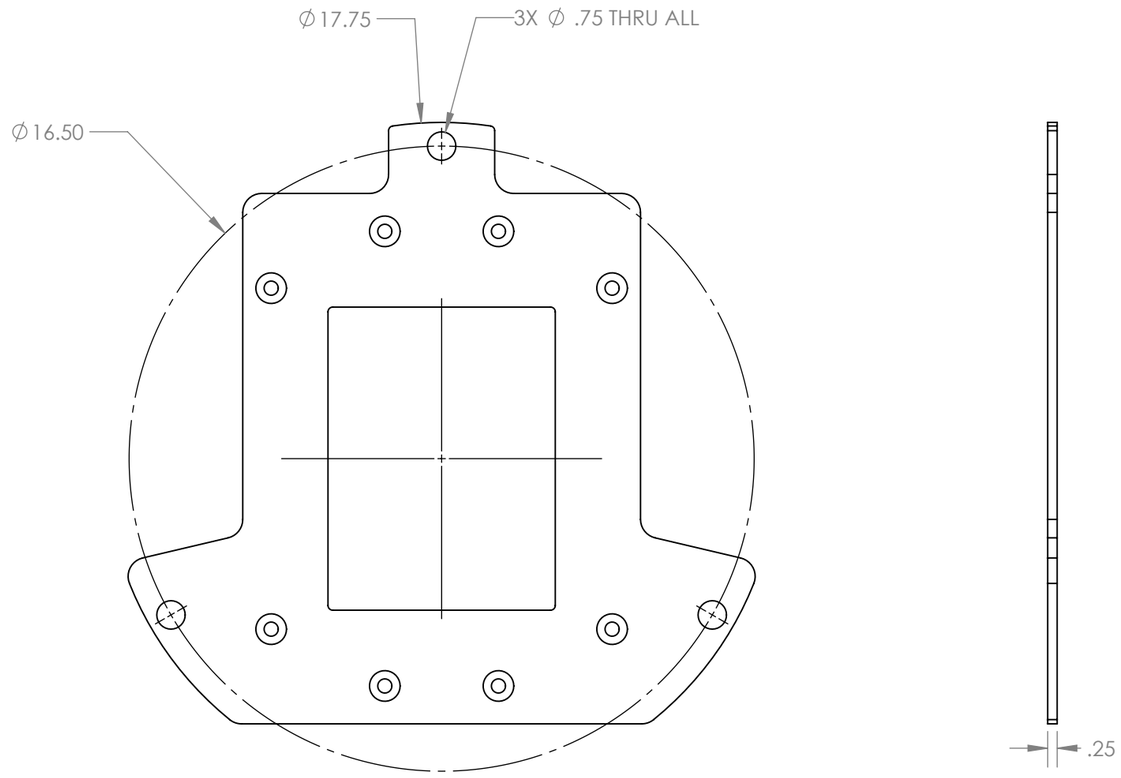
WEIGHT:	**DO NOT SCALE DRAWING**	CAD FILE: LEGACY_110404 REV XA2_Tube	SHEET 2 OF 5

DWG NO:	ERROR!:Number	SHEET 3

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



110571-001 A
LEGACY ENDCAP PLATE



90535
ENDCAP PLATE

UNLESS OTHERWISE NOTED		APPROVALS	DATE
- APPLICABLE STANDARDS: MIL-STD-XXX - SURFACE FINISH: 125RMS - MACHINED FILLETS: R.015 MAX - REMOVE ALL BURRS, BREAK SHARP EDGES .015 MAX - DIMENSIONS AND SURFACE FINISH TO BE MET AFTER SPECIFIED COATINGS	DIMENSIONS ARE IN INCHES WEIGHT IS IN POUNDS (X.X) INDICATES A REPEATED OR INFORMATIONAL DIMENSION TOLERANCES: FRACTIONS: ± 1/16 .X: ± .050 .XX: ± .030 .XXX: ± .005 ANGLES: ± 1.0 MATERIAL:	CHIEF ENGR: SYS ENGR: QA/SAFETY: SR ENGR: ENGINEER: CHECKED: DRAWN:	
THIRD ANGLE PROJECTION			

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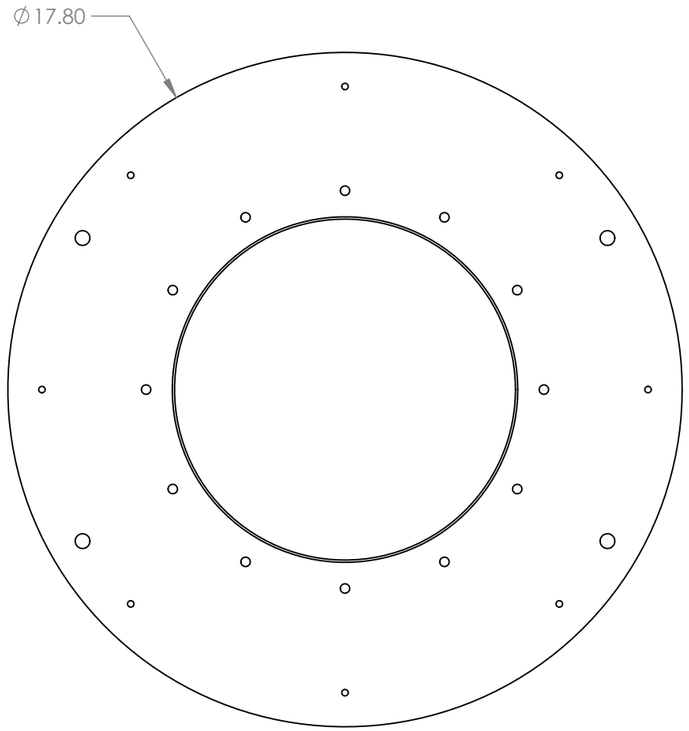
TITLE: MOUNTING PLATE, SCIENCE CABLE SERVICE LOOP CONNECTION

PROJECT FOLDER:	SIZE:	CAGE CODE:	DWG NO:	REV:
	B	98514		A

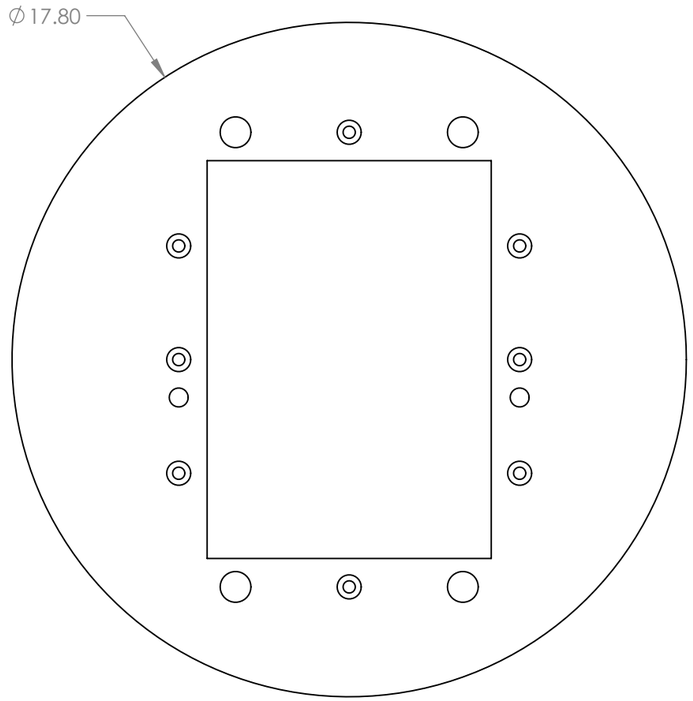
WEIGHT:	DO NOT SCALE DRAWING	CAD FILE: LEGACY_110571-001 A	SHEET 3 OF 5

DWG NO:	ERROR!:Number	SHEET 4

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



110572-001 A
LEGACY GUIDE PLATE



90537
GUIDE PLATE

UNLESS OTHERWISE NOTED		APPROVALS	DATE
- APPLICABLE STANDARDS: MIL-STD-XXX - SURFACE FINISH: 125RMS - MACHINED FILLETS: R.015 MAX - REMOVE ALL BURRS, BREAK SHARP EDGES .015 MAX - DIMENSIONS AND SURFACE FINISH TO BE MET AFTER SPECIFIED COATINGS	DIMENSIONS ARE IN INCHES WEIGHT IS IN POUNDS (X.X) INDICATES A REPEATED OR INFORMATIONAL DIMENSION TOLERANCES: FRACTIONS: ± 1/16 .X: ± .050 .XX: ± .030 .XXX: ± .005 ANGLES: ± 1.0 MATERIAL:	CHIEF ENGR: SYS ENGR: QA/SAFETY: SR ENGR: ENGINEER: CHECKED: DRAWN:	

THIRD ANGLE PROJECTION

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UNIVERSITY OF WASHINGTON
1013 NE 40TH ST. SEATTLE, WA. 98105

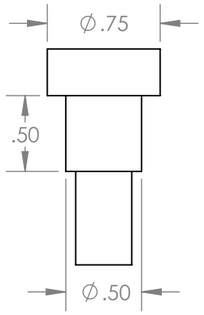
TITLE: SERVICE LOOP DISK, LV POWER

PROJECT FOLDER:	SIZE:	CAGE CODE:	DWG NO:	REV:
	B	98514		A

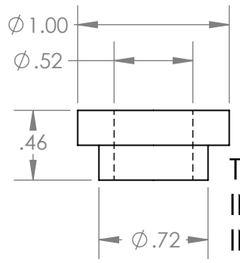
WEIGHT:	**DO NOT SCALE DRAWING**	CAD FILE: LEGACY_110572-001 A	SHEET 4 OF 5

DWG NO:	XXXXXX	SHEET 5

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



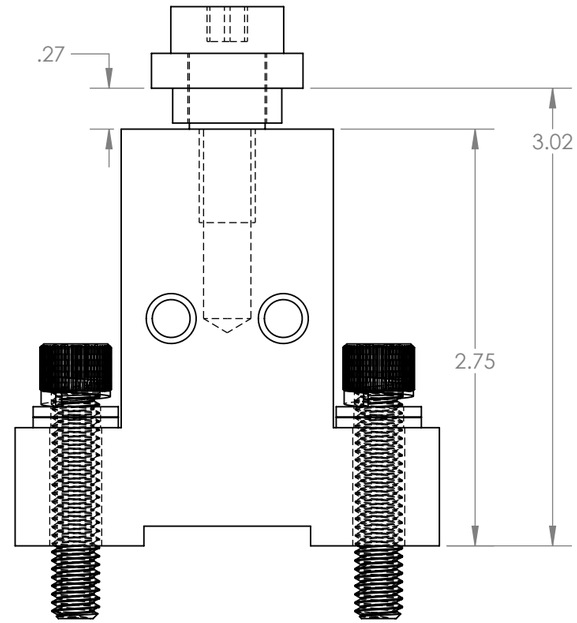
90567



90566

THIS ∅.72 RING FITS INTO ∅.75 THRU HOLE IN ENDCAP PLATE 90535.

THIS ALLOWS THE CHASSIS TO SLIDE INTO THE TUBE WITHOUT TRANSFERRING STRESS TO THE ENDCAP.



STANDOFF ASSEMBLY

UNLESS OTHERWISE NOTED		APPROVALS		DATE
- APPLICABLE STANDARDS: MIL-STD-XXX - SURFACE FINISH: 125RMS - MACHINED FILLETS: R.015 MAX - REMOVE ALL BURRS, BREAK SHARP EDGES .015 MAX - DIMENSIONS AND SURFACE FINISH TO BE MET AFTER SPECIFIED COATINGS	DIMENSIONS ARE IN INCHES WEIGHT IS IN POUNDS (X.X) INDICATES A REPEATED OR INFORMATIONAL DIMENSION TOLERANCES: FRACTIONS: ± 1/16 .X: ± .050 .XX: ± .030 .XXX: ± .005 ANGLES: ± 1.0 MATERIAL:	CHIEF ENGR:		
		SYS ENGR:		
		QA/SAFETY:		
		SR ENGR:		
		ENGINEER:	JESS NOE	--/--/----
		CHECKED:		
		DRAWN:	JESS NOE	--/--/----

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TITLE: STANDOFF ASSEMBLY

PROJECT FOLDER:	SIZE:	CAGE CODE:	DWG NO:	REV:
---	B	98514		A

THIRD ANGLE PROJECTION

WEIGHT:	DO NOT SCALE DRAWING	CAD FILE:	SHEET 5 OF 5
0.006		90566	