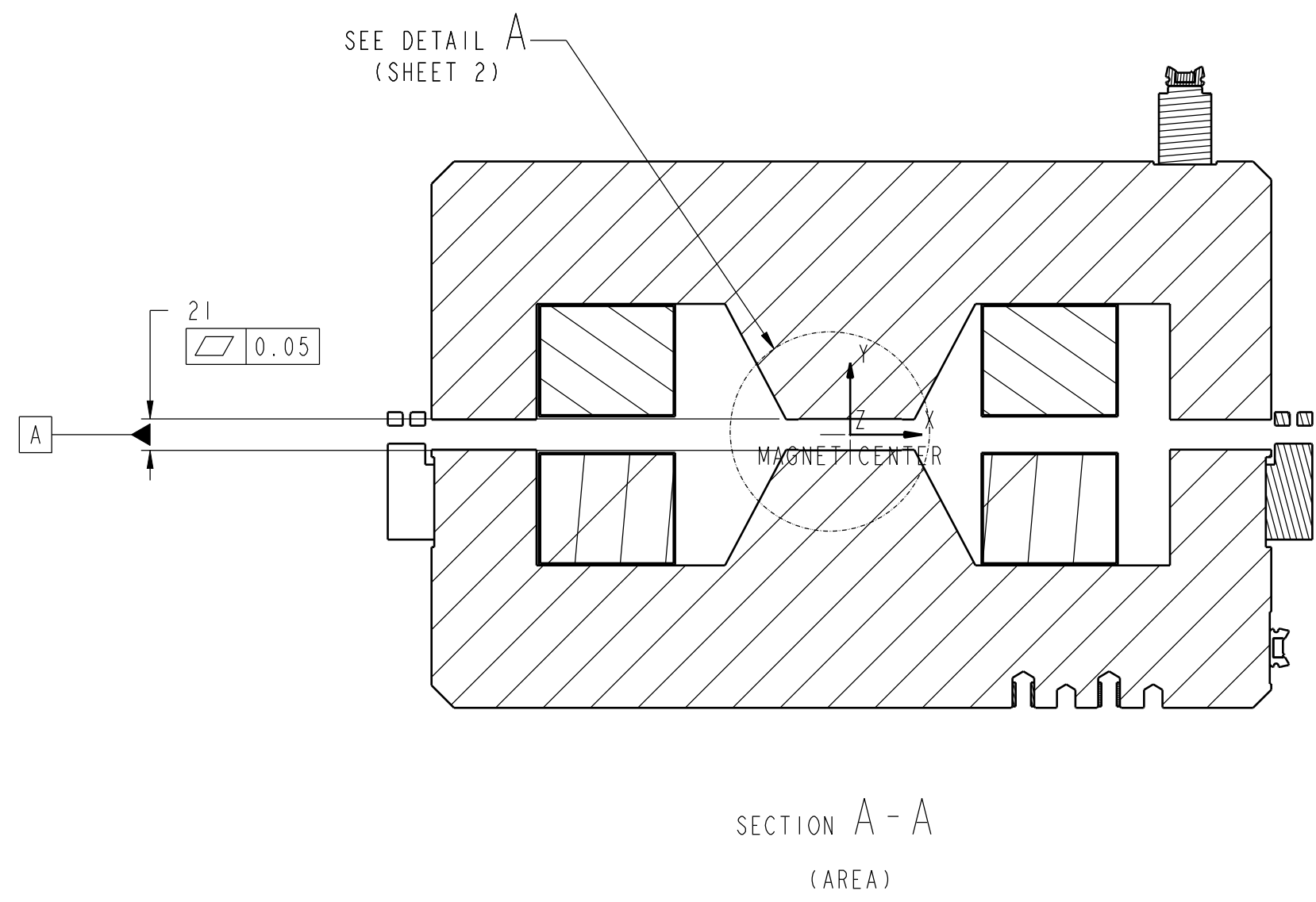
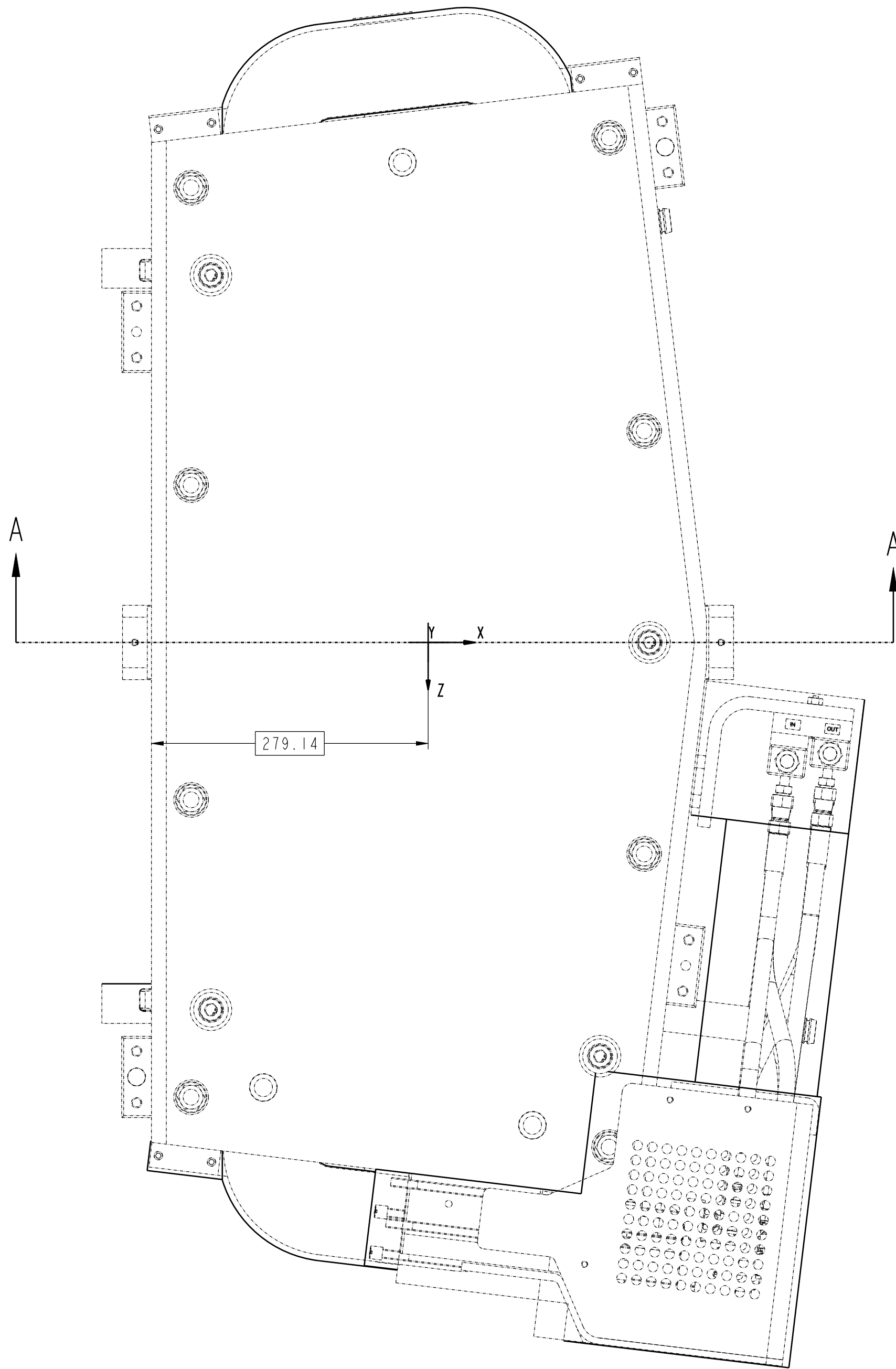
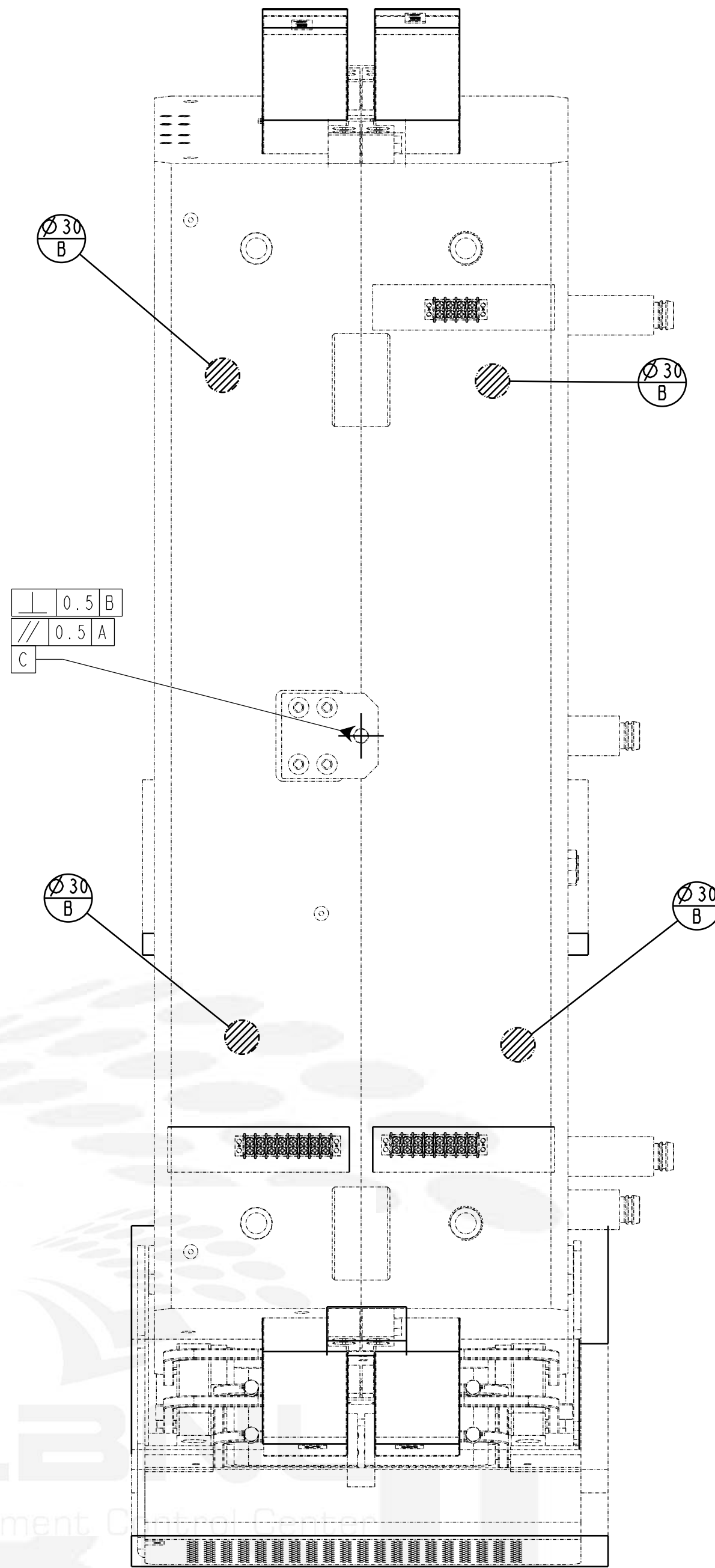
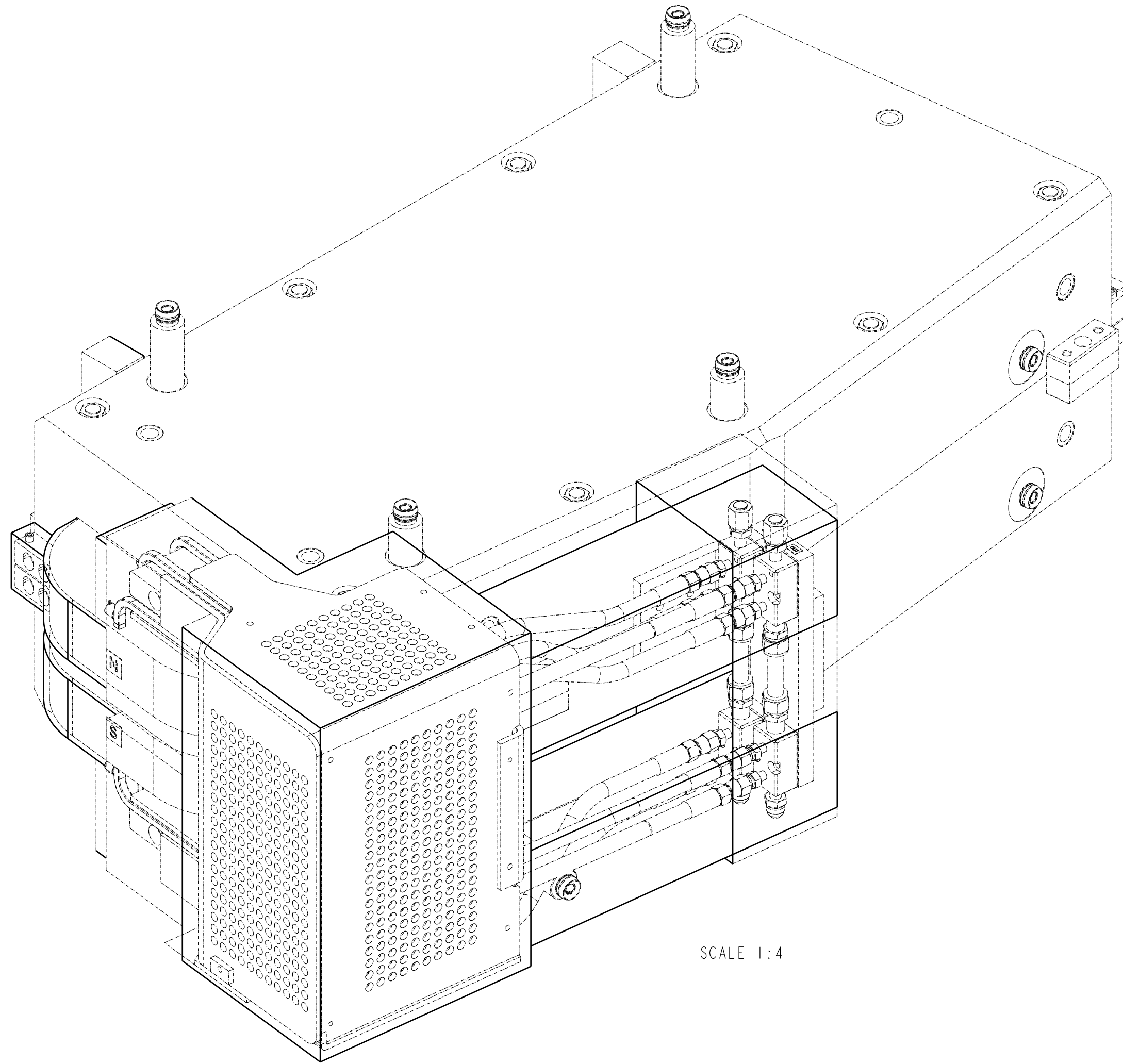
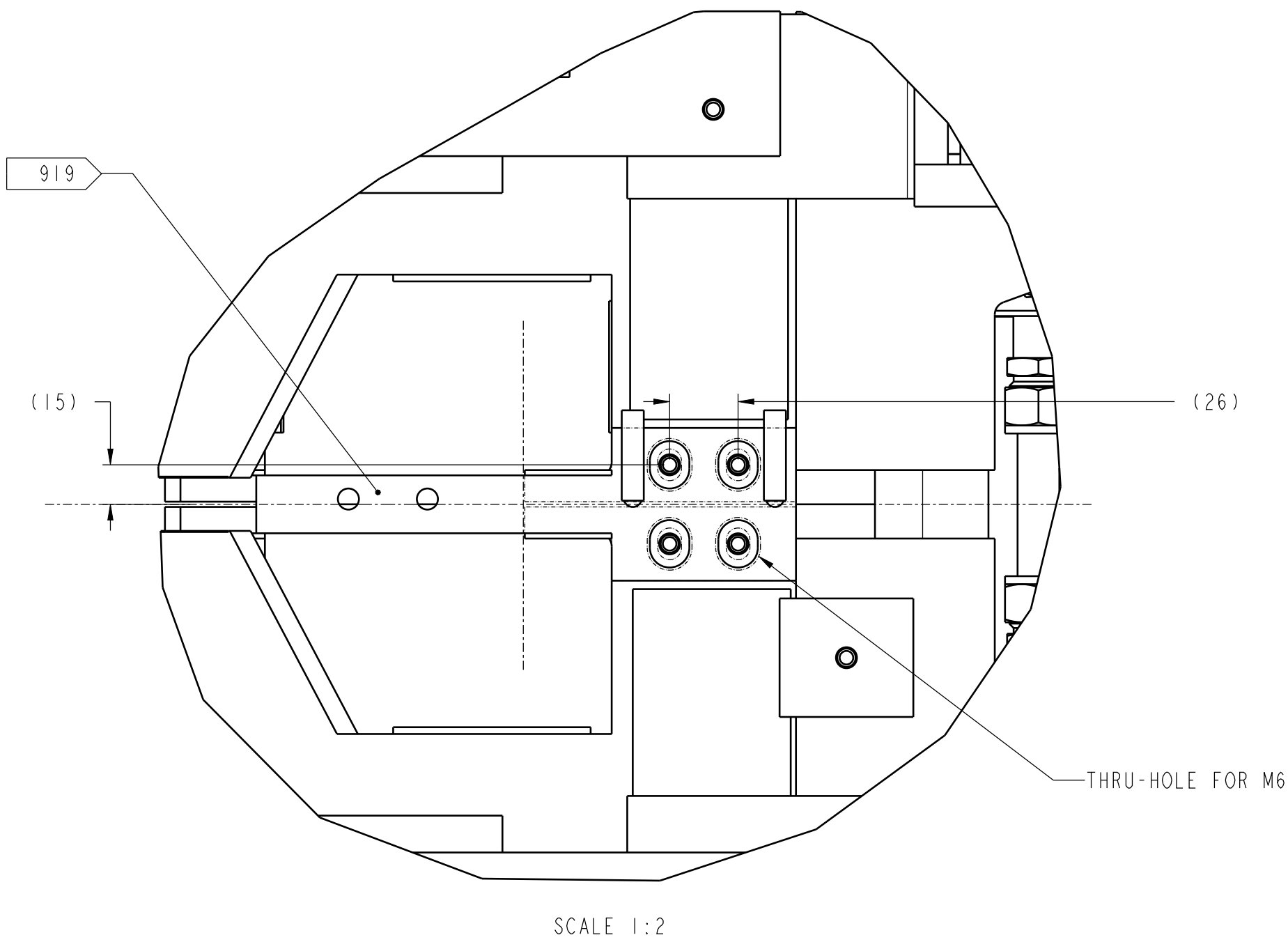


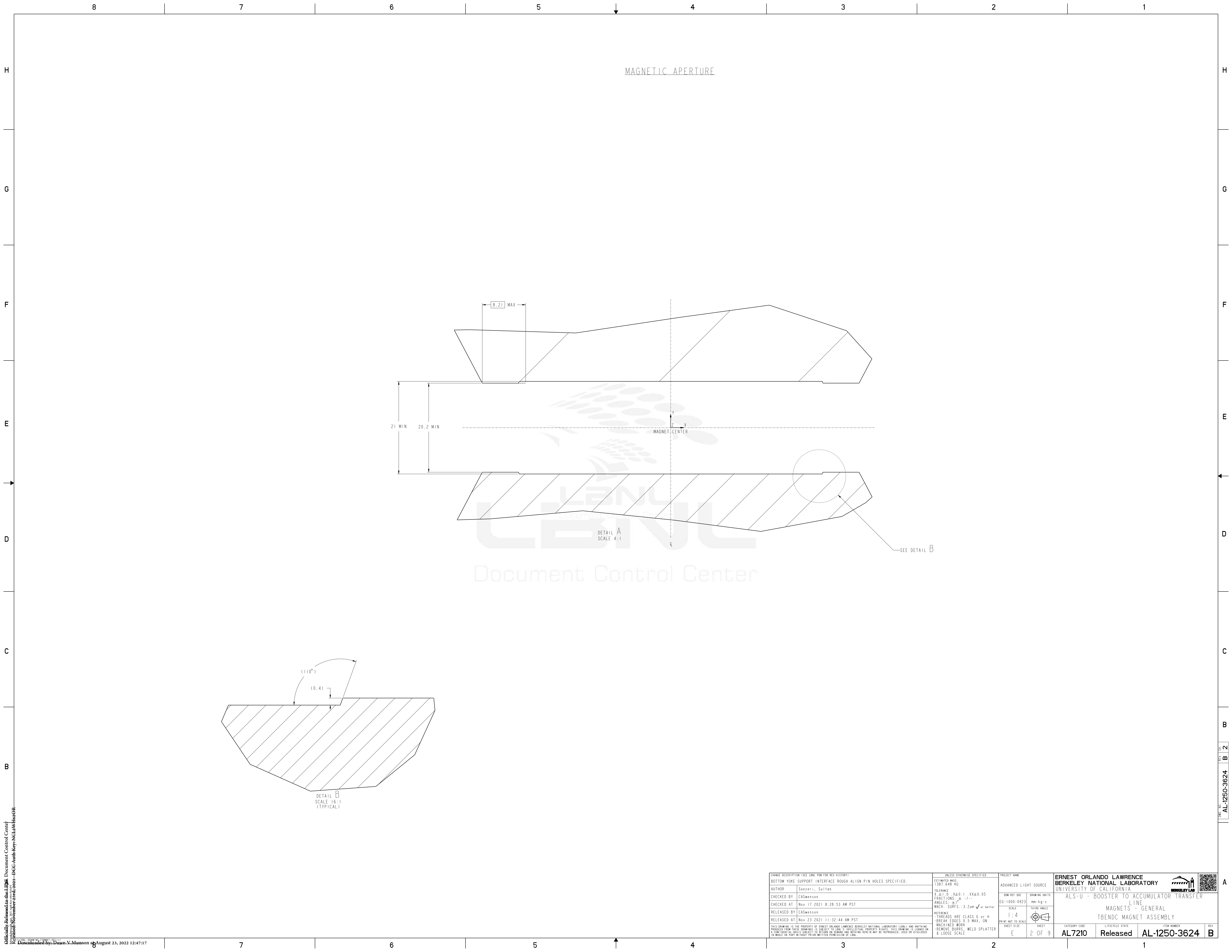
NOTES:
101. ALL DIMENSIONS ARE IN MILLIMETERS (mm) AND VALUES ARE IN SI UNITS. DIMENSIONS AND VALUES IN BRACKETS ARE U.S. CUSTOMARY UNITS (inch) CONVERTED FROM MILLIMETERS / SI UNITS.
107. INSPECTION / ACCEPTANCE TO BE MEASURED AND RECORDED IN SI UNITS.
901. MAGNET SUB-COMPONENT ENVELOPES REPRESENT MAXIMUM ALLOWABLE SIZES OF RESPECTIVE SUB-COMPONENTS AT MMC THAT ALL COMPONENTS OF RESPECTIVE SUB-COMPONENTS MUST RESIDE IN.
902. DESIGNATED COMPONENT SPACECLAIM LOCATIONS DEFINED WITH RESPECT TO OVERALL MAGNET ASSY. SPACECLAIM SPECIFICATIONS DEFINED BY VIEWS OF SPACECLAIM AND ALL COMPONENTS WITHIN SPACECLAIM.
903. SEE MECHANICAL REQUIREMENTS DOCUMENT FOR COIL SPECIFICATIONS.
904. SEE MECHANICAL REQUIREMENTS DOCUMENT FOR PREFERRED INSULATION STYLE.
905. MINIMUM BEND RADIUS OF COIL LEADS 2X OUTSIDE DIMENSION OF COIL CONDUCTOR.
906. THERMAL SWITCHES ON EXHAUST OF EACH HYDRAULIC CIRCUIT. THERMAL SWITCHES PLACED PROXIMAL TO COIL PACK. INCLUDE ELECTRICALLY INSULATING CAP ON EACH THERMAL SWITCH. SEE MECHANICAL REQUIREMENTS DOCUMENT FOR THERMAL SWITCH SPECIFICATION.
907. SEE MECHANICAL REQUIREMENTS DOCUMENT FOR BUSBAR MAX CROSS SECTION CURRENT DENSITY.
908. SEE MECHANICAL REQUIREMENTS DOCUMENT FOR BUS ENCLOSURE DESIGN REQUIREMENTS.
909. BUSBAR TABS FOR POWER INPUT AND OUTPUT CONNECTIONS TO BE DESIGNED TO ACCOMMODATE LUGS SPECIFIED IN MECHANICAL REQUIREMENTS DOCUMENT.
910. MANIFOLD MUST HAVE ELECTRICAL PATH TO GROUND.
911. LABEL SUPPLY AND RETURN MANIFOLDS.
912. VENDOR MUST SUPPLY JIC/AN SSTL END CAP FITTINGS.
913. ALL HOSES MUST SATISFY MINIMUM BEND RADIUS AS SPECIFIED IN MECHANICAL REQUIREMENTS DOCUMENT.
914. SEE MECHANICAL REQUIREMENTS DOCUMENT FOR HOSE AND FITTING SPECIFICATIONS.
915. SEE MECHANICAL REQUIREMENTS DOCUMENT FOR HOSE BUNDLING SPECIFICATIONS.
916. SEE MECHANICAL REQUIREMENTS DOCUMENT MINIMUM BEND RADIUS OF CORRECTOR COIL LEADS.
917. TERMINAL BLOCKS MUST ACCOMMODATE TERMINALS SPECIFIED IN MECHANICAL REQUIREMENTS DOCUMENT.
918. ORIENT TERMINAL BLOCKS AS SHOWN.
919. COIL SUPPORT BLOCK MUST ACCOMMODATE A BRACKET (E.G. AS SHOWN) TO SUPPORT A TUNGSTEN RADIATION SHIELDING BLOCK INSTALLED LATER BY LBNL .

ABBREVIATIONS:
ALS-U = ADVANCE LIGHT SOURCE UPGRADE
ASSY = ASSEMBLY
BTA = BOOSTER-TO-ACCUMULATOR RING TRANSFER LINE
CMT = CIRCUIT
LBNL = LAWRENCE BERKELEY NATIONAL LABORATORY
LCW = LOW-CONDUCTIVITY WATER
TB = TERMINAL BLOCK
TBENDC = DIPOLE, TYPE C



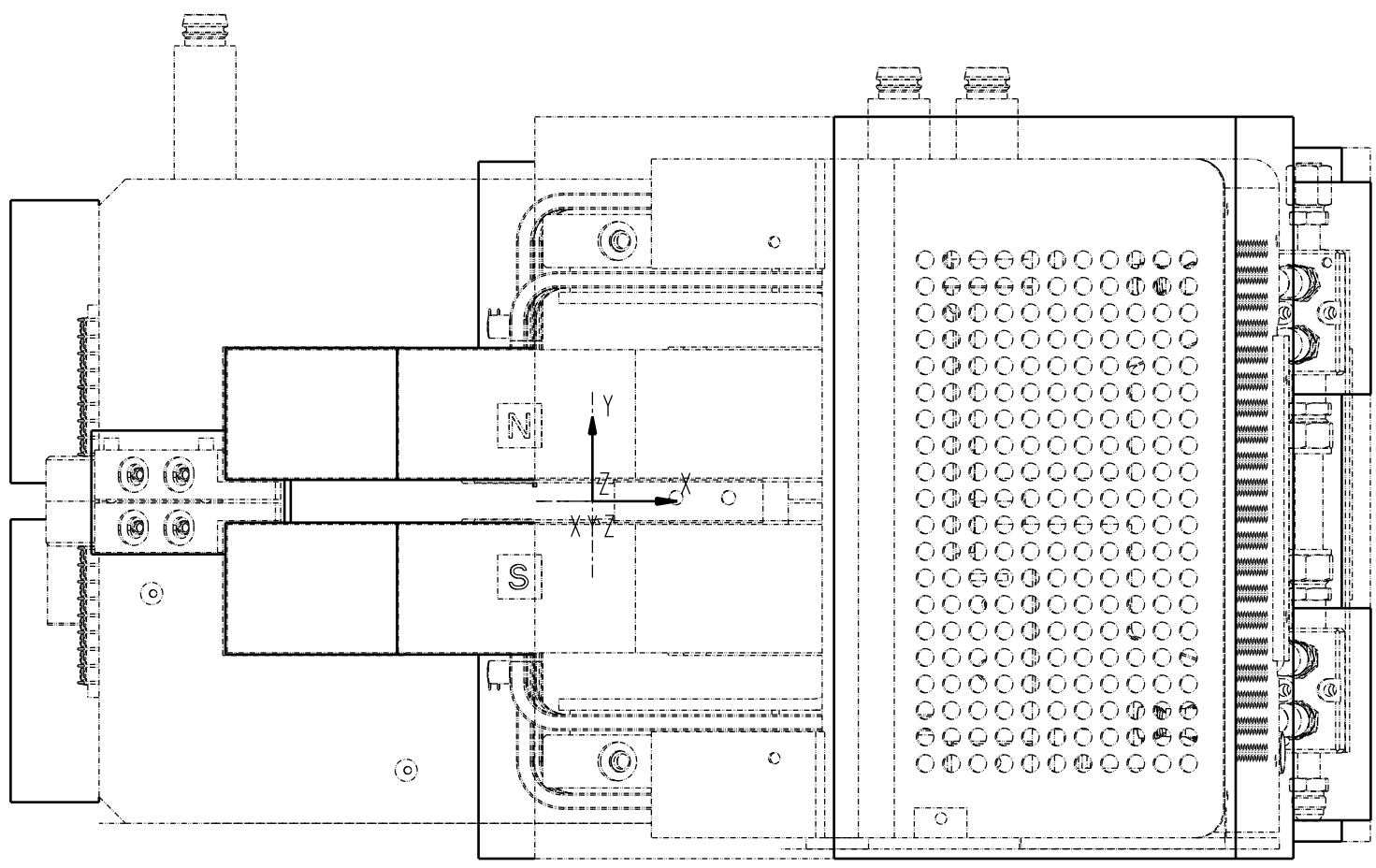
B7 DRAWING TREE	
DRAWING DESCRIPTION	DRAWING NUMBER
B7 / B8 SPACECLAIM INTERFACE DRAWING	AL-1298-3624
YOKE ASSEMBLY, TOP	AL-1259-1980
YOKE ASSEMBLY, BOTTOM	AL-1259-1982

CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)		UNLESS OTHERWISE SPECIFIED		PROJECT NAME		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY	
BOTTOM YOKE SUPPORT INTERFACE. ROUGH ALIGN PIN HOLES SPECIFIED.		ESTIMATED MASS 1387.648 KG		ADVANCED LIGHT SOURCE		UNIVERSITY OF CALIFORNIA	
AUTHOR: Szegei, Sullivan		TOLERANCE X: ±0.1, Y: ±0.1, Z: ±0.1, XX: ±0.05		DRAW REF DOC: EG-1000-0923		ALS-U - BOOSTER TO ACCUMULATOR TRANSFER	
CHECKED BY: CASwenson		FRACTIONS: # / - / -		DRAWING UNITS: mm/kg/s		MAGNETS - GENERAL	
CHECKED AT: Nov 17 2021 8:28:53 AM PST		ANGLES: ±1°		SCALE: 1:4		TBENDC MAGNET ASSEMBLY	
RELEASED BY: CASwenson		MACH. SURFS: 3.2um ✓ or better		THIRD ANGLE		CATEGORY CODE	
RELEASED AT: Nov 23 2021 11:32:44 AM PST		REFERENCE: THREADS ARE CLASS G or H		SHEET SIZE: E		LIFECYCLE STATE	
THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.		-BREAK EDGES 0.5 MAX, ON MACHINED WORK		SHEET 1 OF 9		AL7210	
		-REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE		Released		AL-1250-3624	

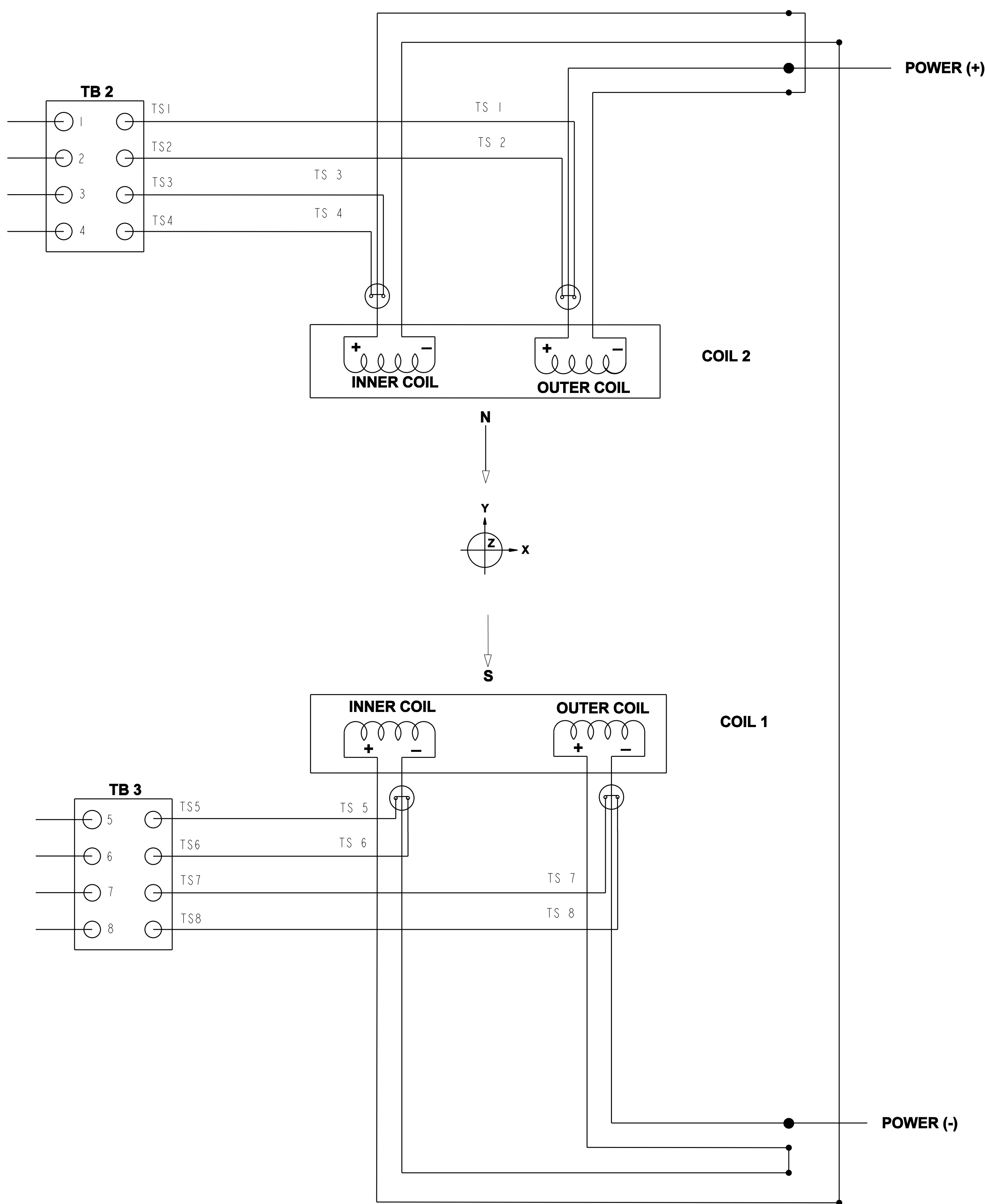


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CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)		UNLESS OTHERWISE SPECIFIED		PROJECT NAME		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY	
BOTTOM YOKE SUPPORT INTERFACE ROUGH ALIGN PIN HOLES SPECIFIED.		ESTIMATED MASS 1387.648 KG		ADVANCED LIGHT SOURCE		UNIVERSITY OF CALIFORNIA	
AUTHOR: Szegei, Sullivan		TOLERANCE X, Y, Z: ±0.1 X, Y, Z: ±0.05		DRAW REF DOC: EG-1000-0923		ALS-U - BOOSTER TO ACCUMULATOR TRANSFER	
CHECKED BY: CASwenson		FRACTIONS: ±1/100		DRAWING UNITS: mm-Kg-s		MAGNETS - GENERAL	
CHECKED AT: Nov 17 2021 8:28:53 AM PST		ANGLES: ±1°		SCALE: 1:4		TBENDC MAGNET ASSEMBLY	
RELEASED BY: CASwenson		MACH. SURFS: ±3.2um ✓ or better		THIRD ANGLE		CATEGORY CODE	
RELEASED AT: Nov 23 2021 11:32:44 AM PST		REFERENCE: -THREADS ARE CLASS G or H -BREAK EDGES 0.5 MAX, ON -MACHINED WORK -REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE		SHEET SIZE: E		LIFECYCLE STATE	
THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.		SHEET: 2 OF 9		ITEM NUMBER		REV	
				Released		AL-1250-3624 B	



DIRECTION A
(DIRECTION B ON REVERSE)

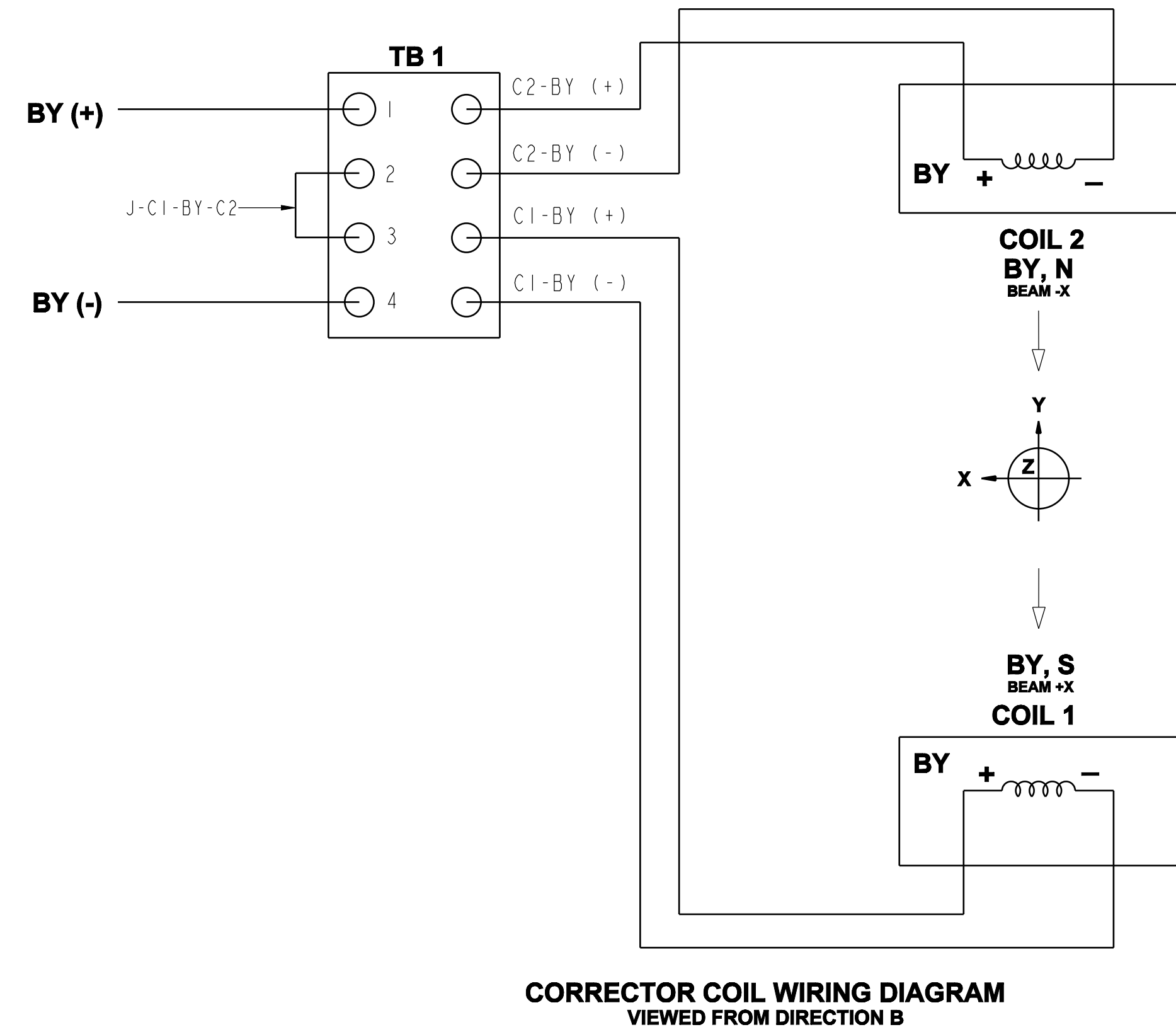
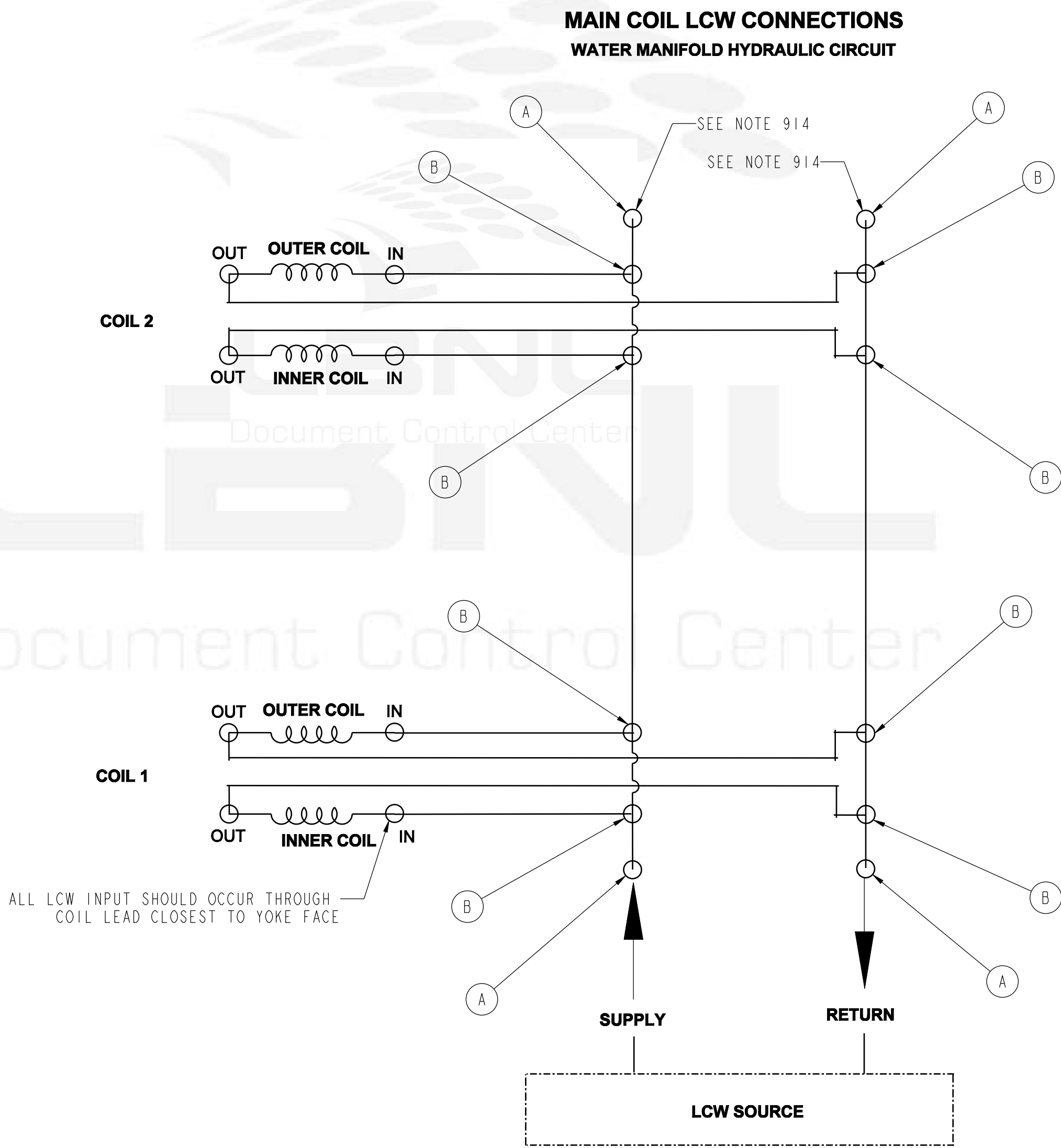


MAIN COIL WIRING DIAGRAM
VIEWED FROM DIRECTION A

ELECTRICAL DIAGRAM

- NOTES:
- CORRECTOR COIL LEADS TO BE TERMINATED AT TERMINAL BLOCKS TB1 AND TB2 AS SHOWN IN DIAGRAM VIEWED FROM DIRECTION B.
 - POSITIVE SIGN "+" REPRESENTS CURRENT IN, NEGATIVE SIGN "-" REPRESENTS CURRENT OUT. CURRENT IN CORRECTOR COILS WILL ALWAYS FLOW FROM "+" TO "-".
 - CORRECTOR COIL LEAD NOTATION USED HERE IS AS FOLLOWS:
"COIL PACK ID - CORRECTOR COIL TYPE (POLARITY)"
EXAMPLE: C1-BY (+) = POSITIVE LEAD OF THE BY CORRECTOR COIL IN COIL PACK 1.
 - ABBREVIATIONS USED:
BY = HORIZONTAL CORRECTOR

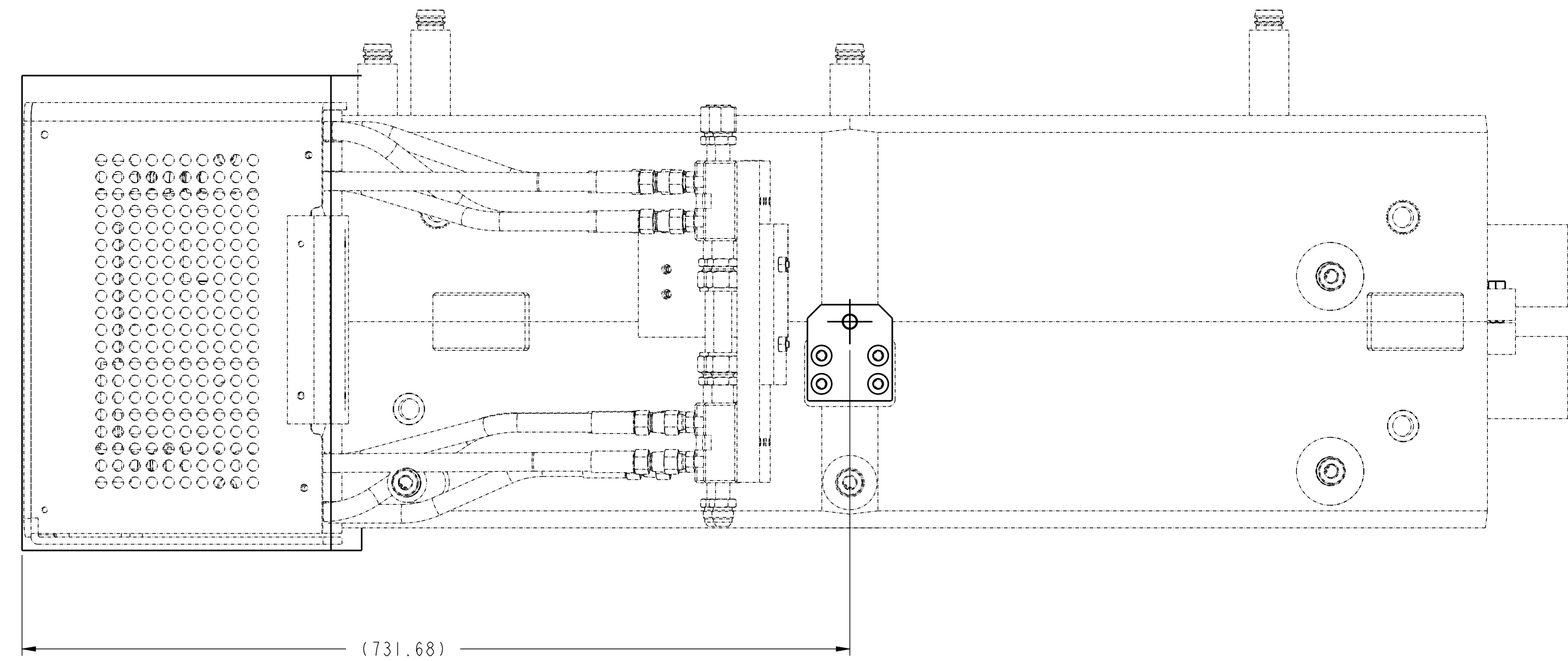
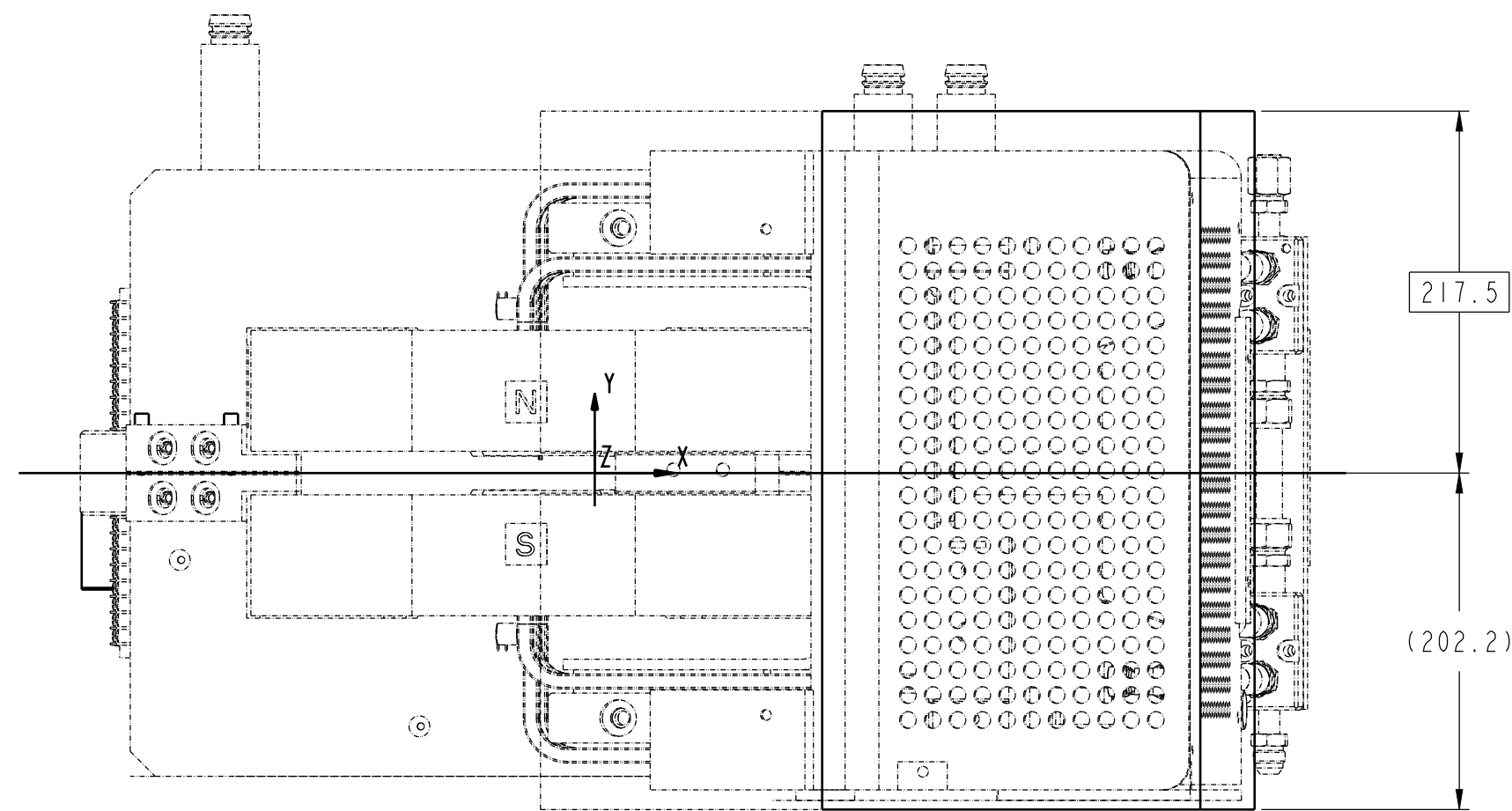
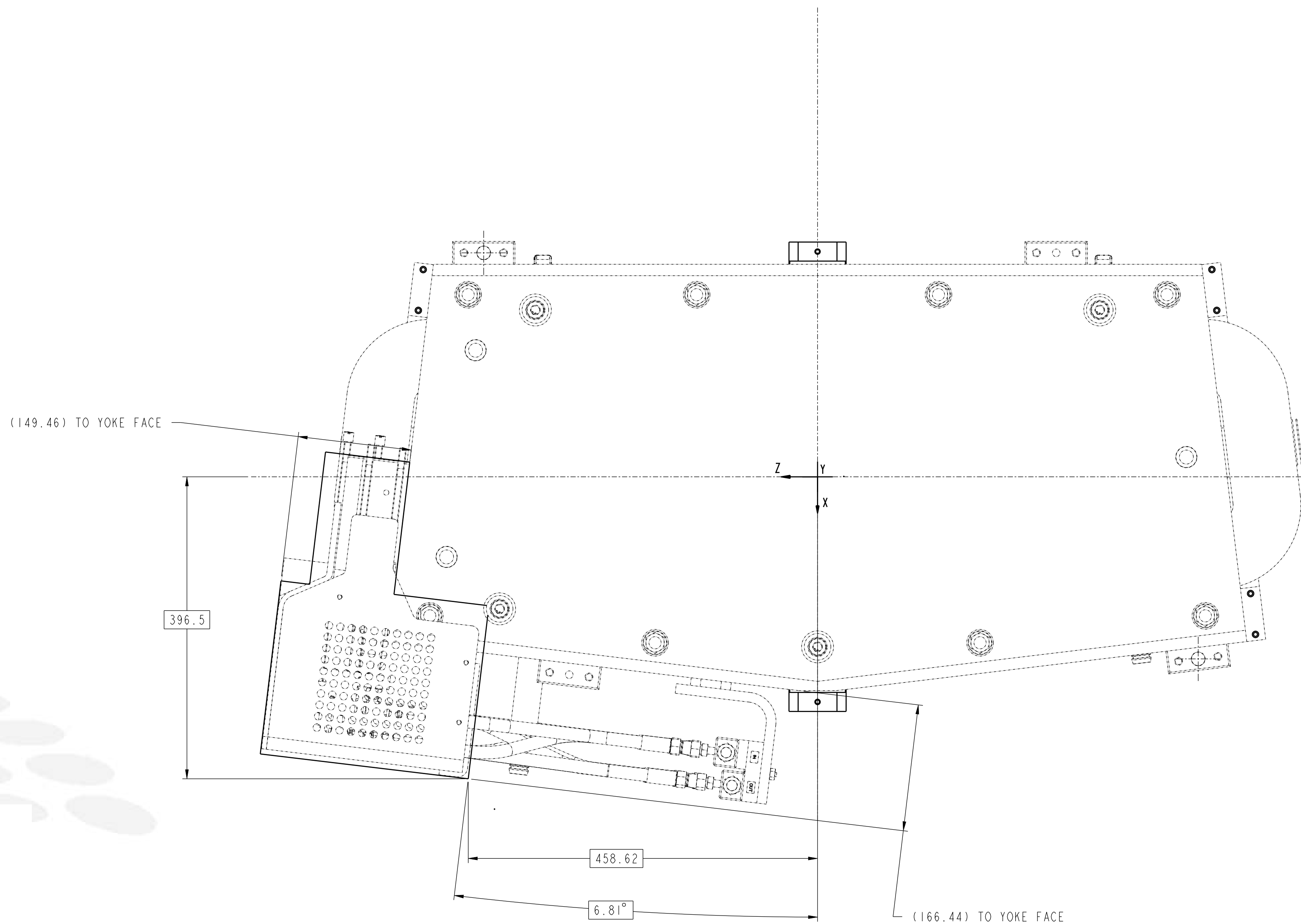
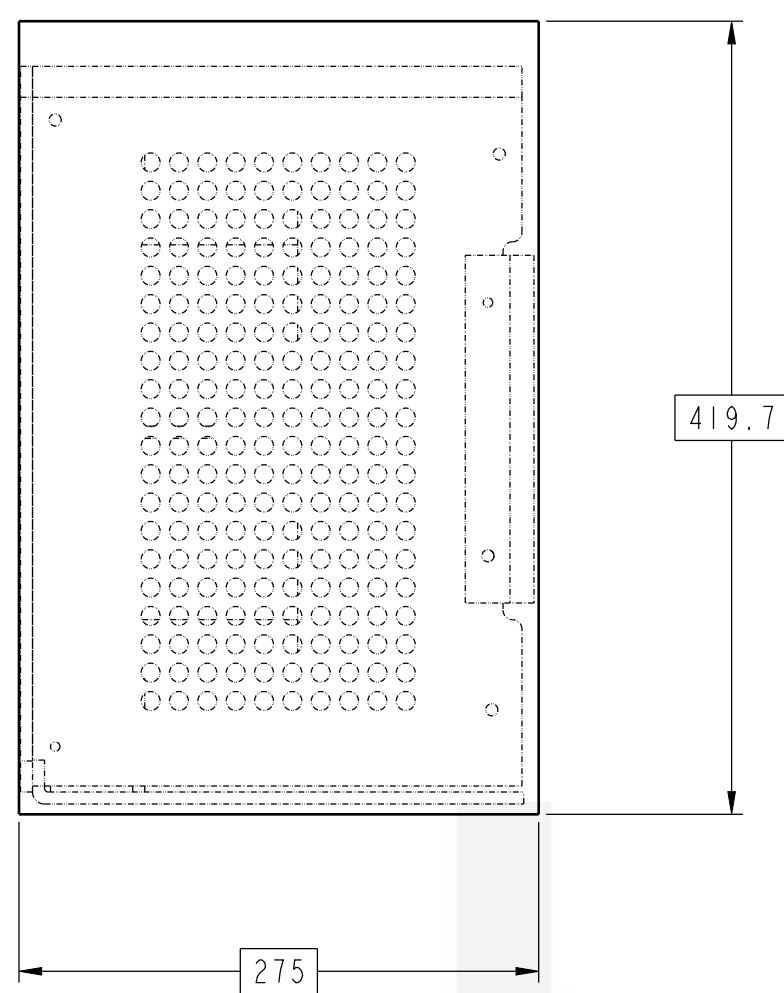
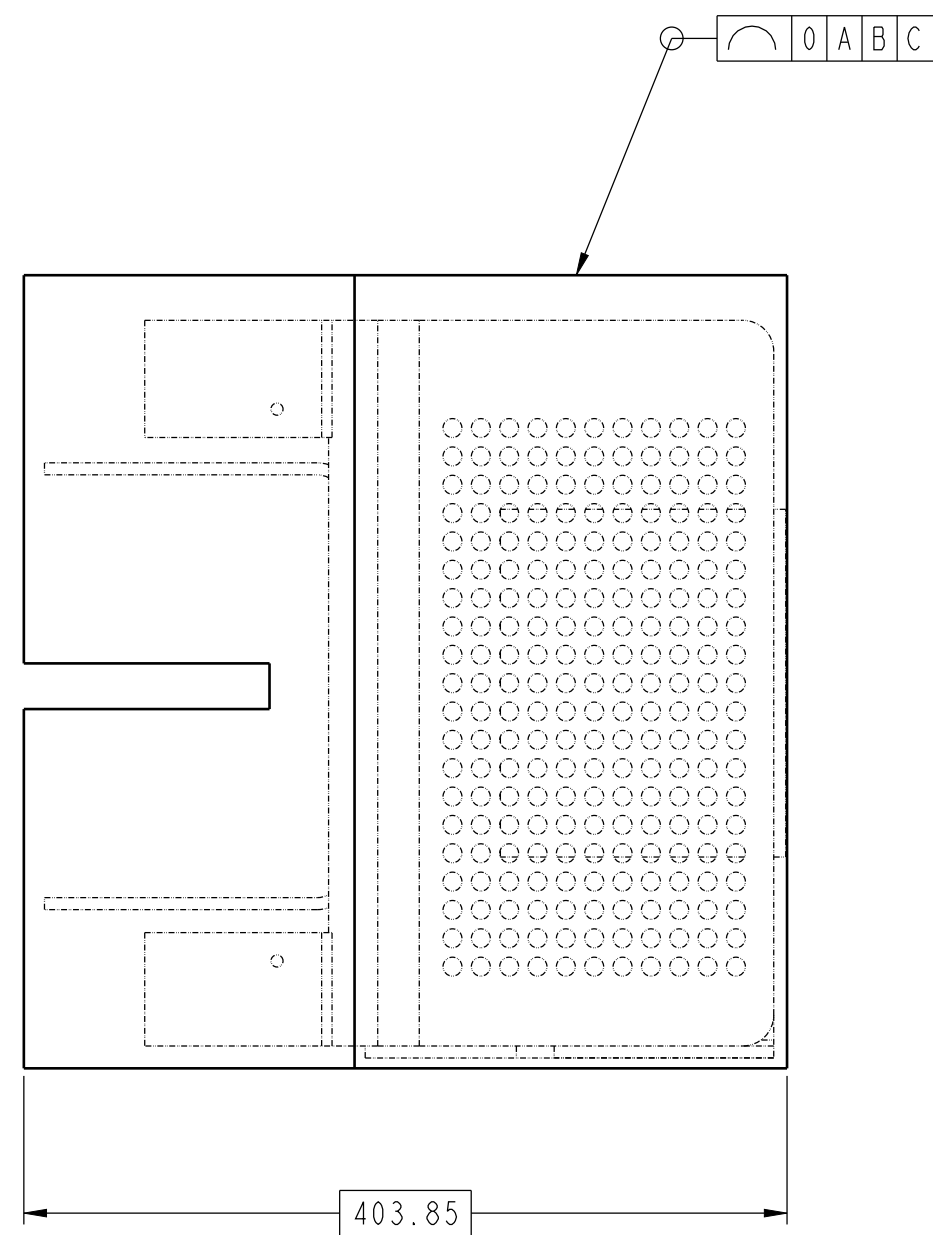
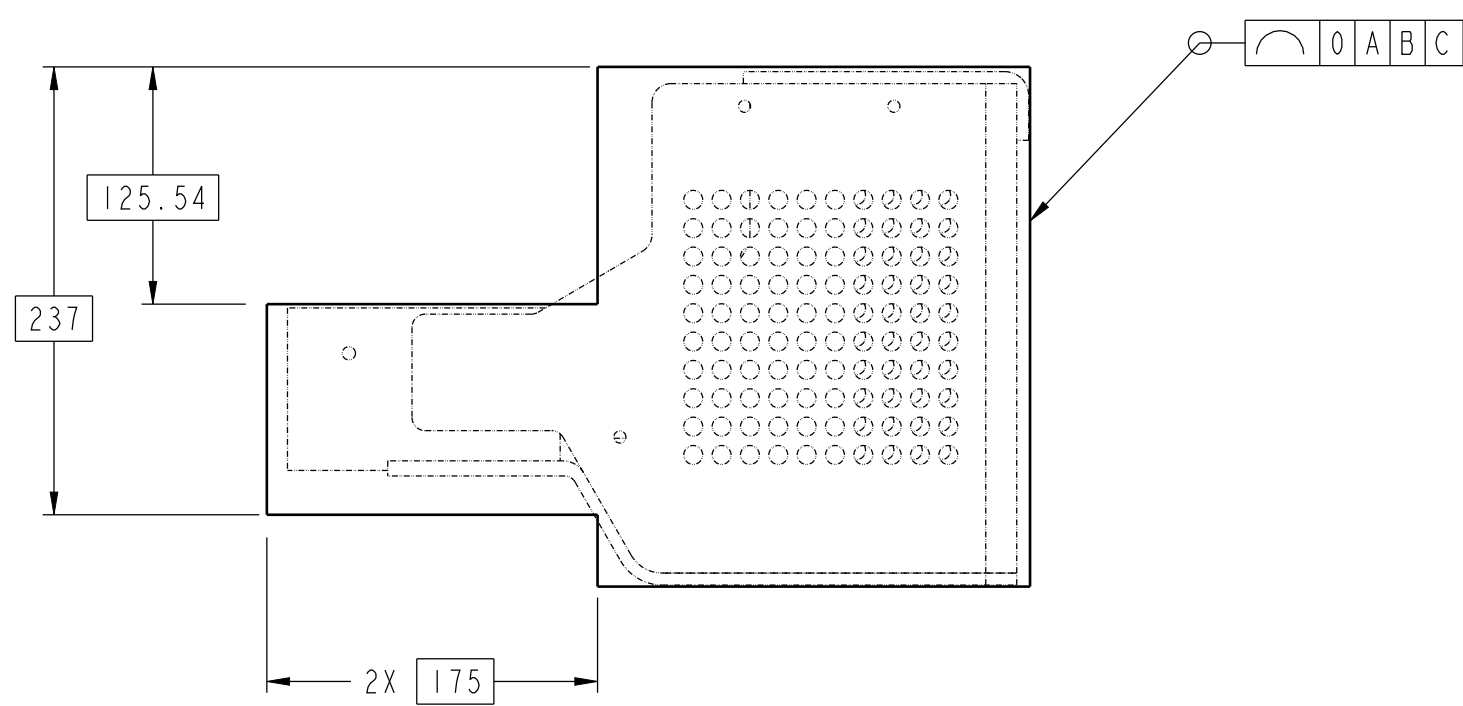
FITTING ID	MANUFACTURER	PART #	QTY
A	SWAGELOK	SS-8-TA-1-8AN	4
B	SWAGELOK	SS-6-TA-1-6AN	8





CORRECTOR COIL WIRING DIAGRAM
VIEWED FROM DIRECTION B

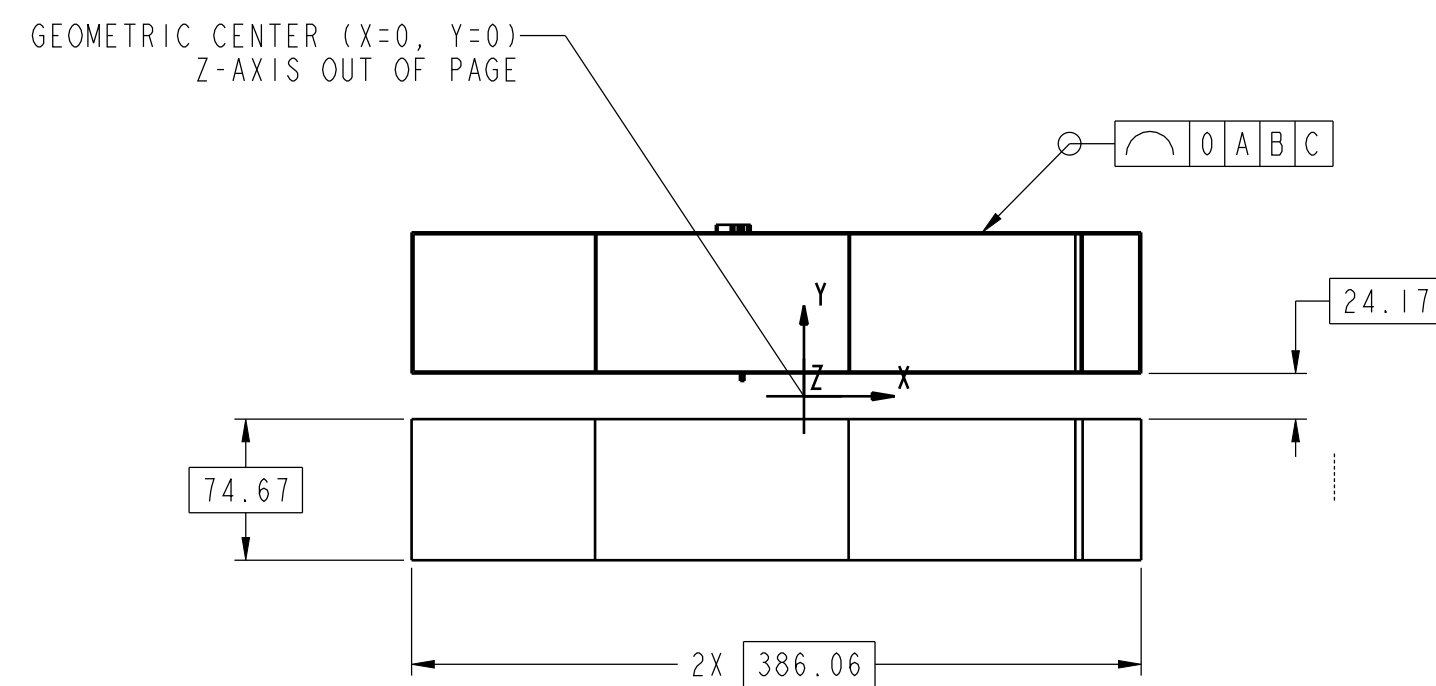
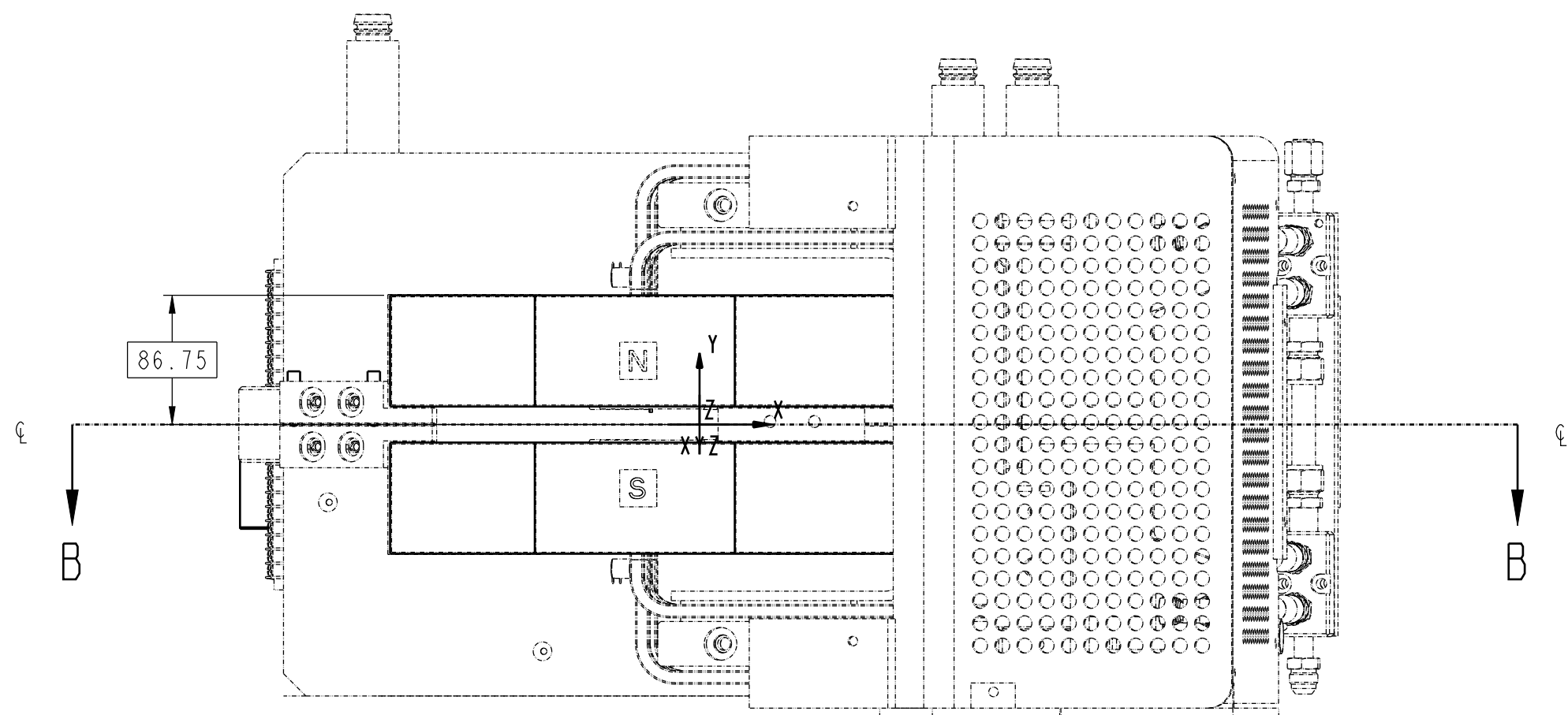
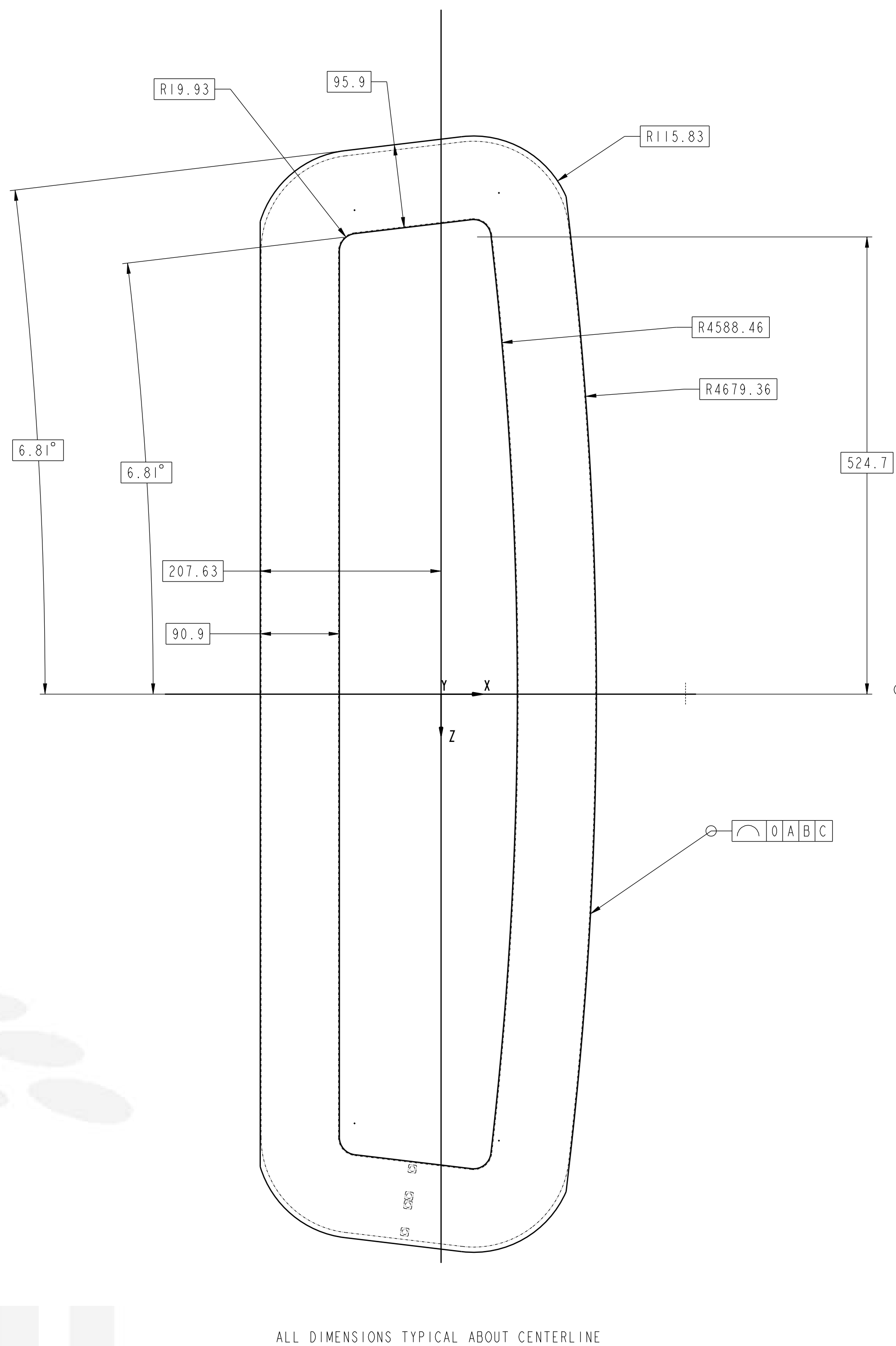
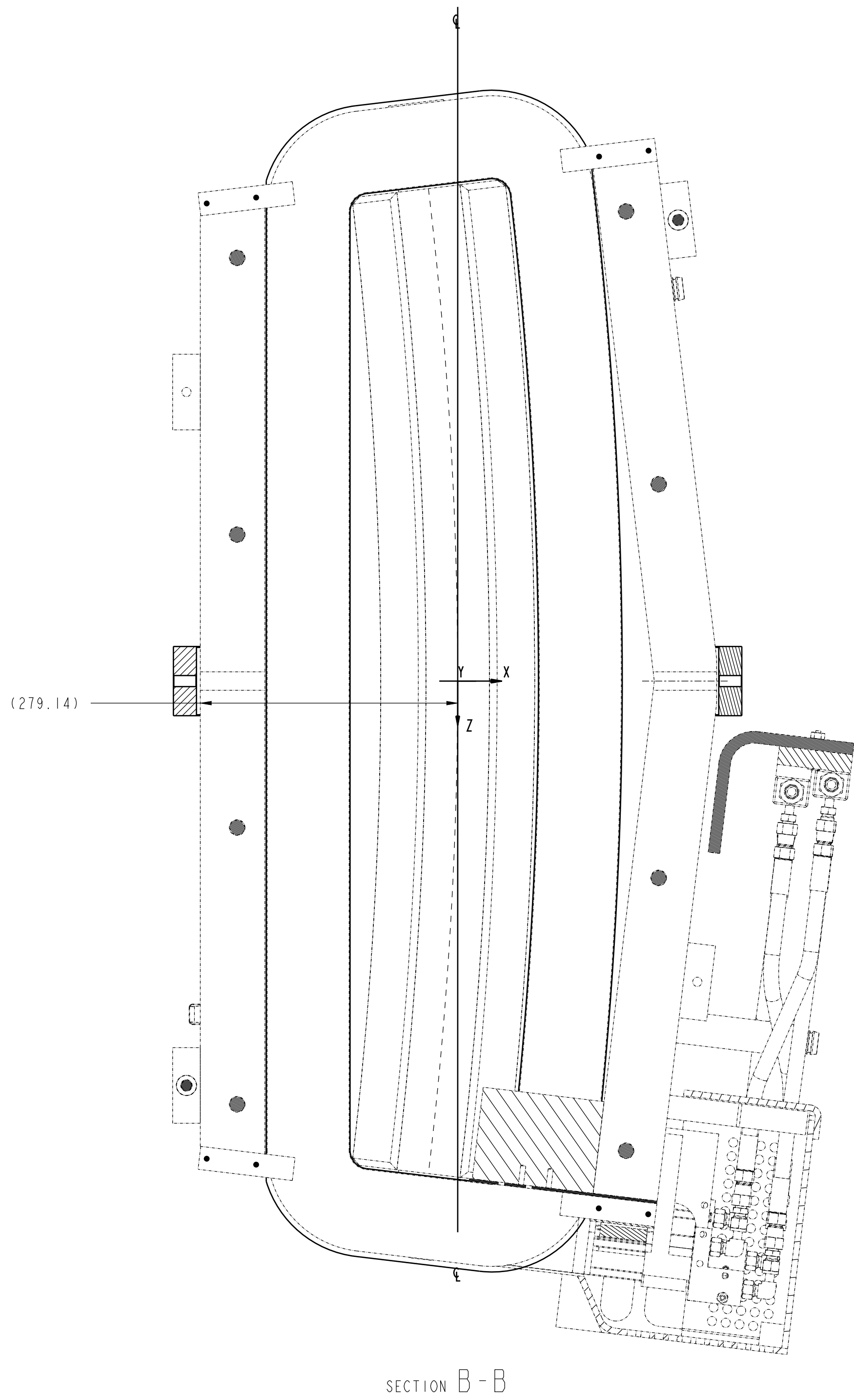
CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)		UNLESS OTHERWISE SPECIFIED		PROJECT NAME	
BOTTOM YOKE SUPPORT INTERFACE: ROUGH ALIGN PIN HOLES SPECIFIED.		ESTIMATED MASS 1387.648 KG		ADVANCED LIGHT SOURCE	
AUTHOR: Szegei, Sullivan		TOLERANCE FRACTIONS: ±0.1, XX±0.05		DRAW REF DOC: EG-1000-0923	
CHECKED BY: CASwenson		ANGLES: ±1°		DRAWING UNITS: mm/kg/s	
CHECKED AT: Nov 17 2021 8:28:53 AM PST		MACH. SURFS: 3.2um ✓ or better		SCALE: 1:4	
RELEASED BY: CASwenson		REFERENCE: THREADS ARE CLASS G or H		THIRD ANGLE	
RELEASED AT: Nov 23 2021 11:32:44 AM PST		MACHINED WORK: REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE		SHEET SIZE: 3 OF 9	
THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.		CATEGORY CODE: AL7210		LIFE/CYCLE STATE: Released	
		ITEM NUMBER: AL-1250-3624		REV: B	

BUS ENCLOSURE ASSEMBLY SPACE CLAIM



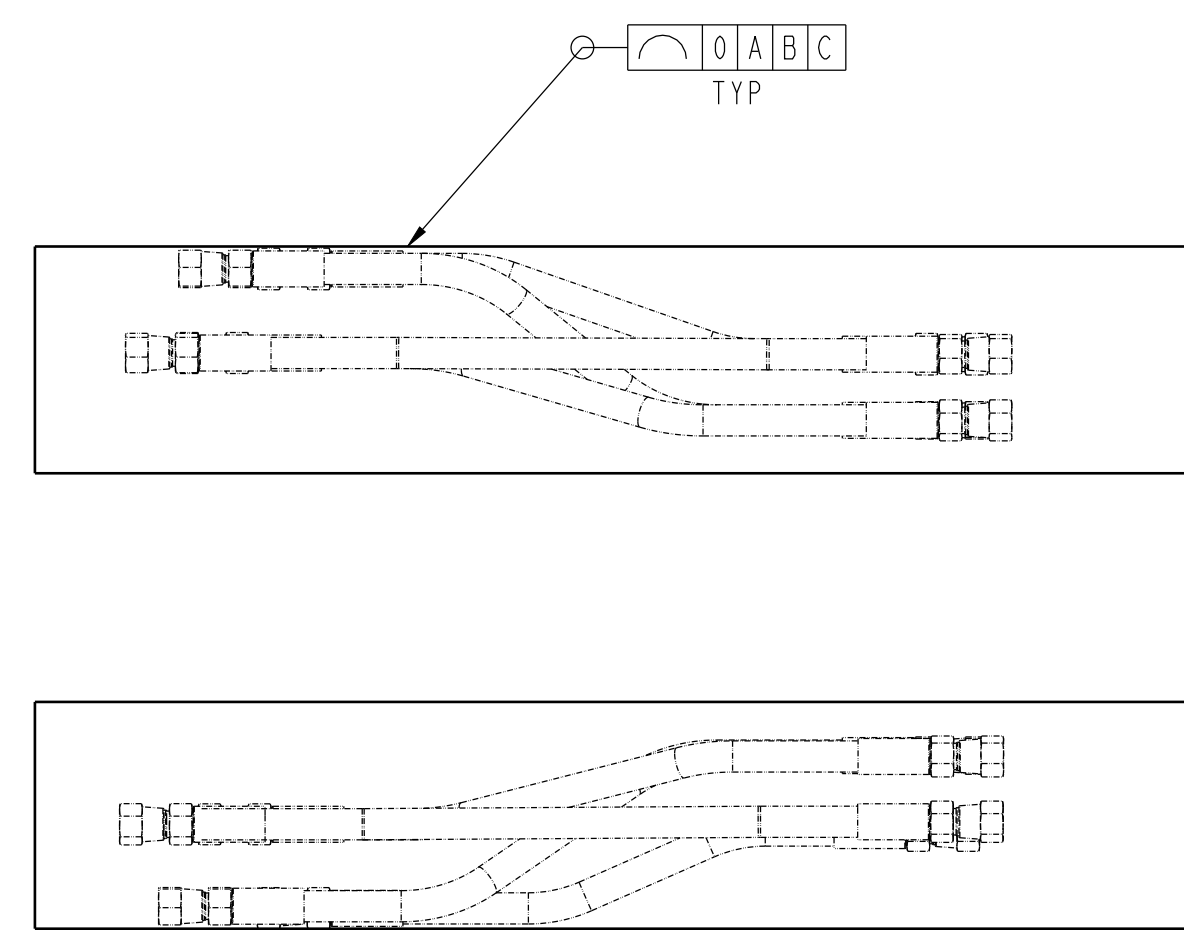
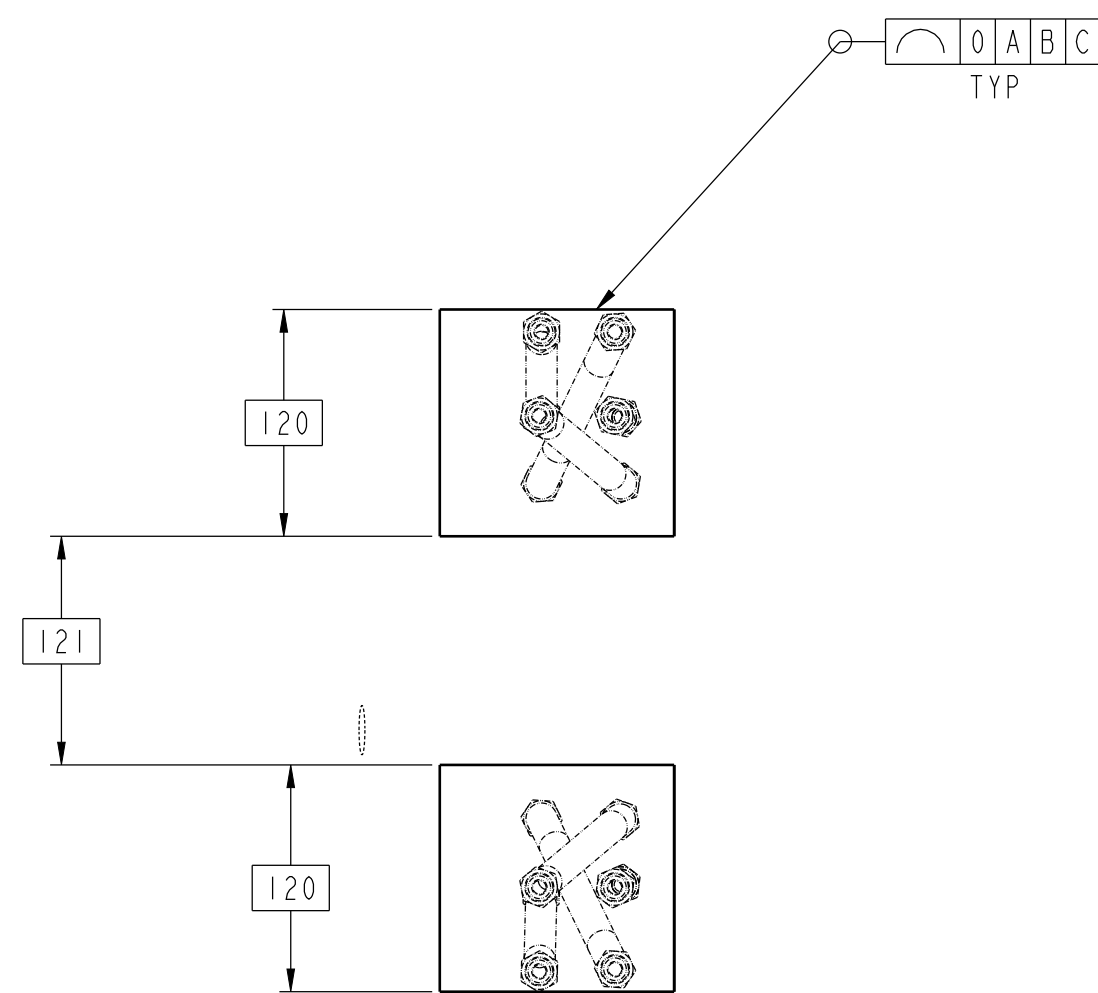
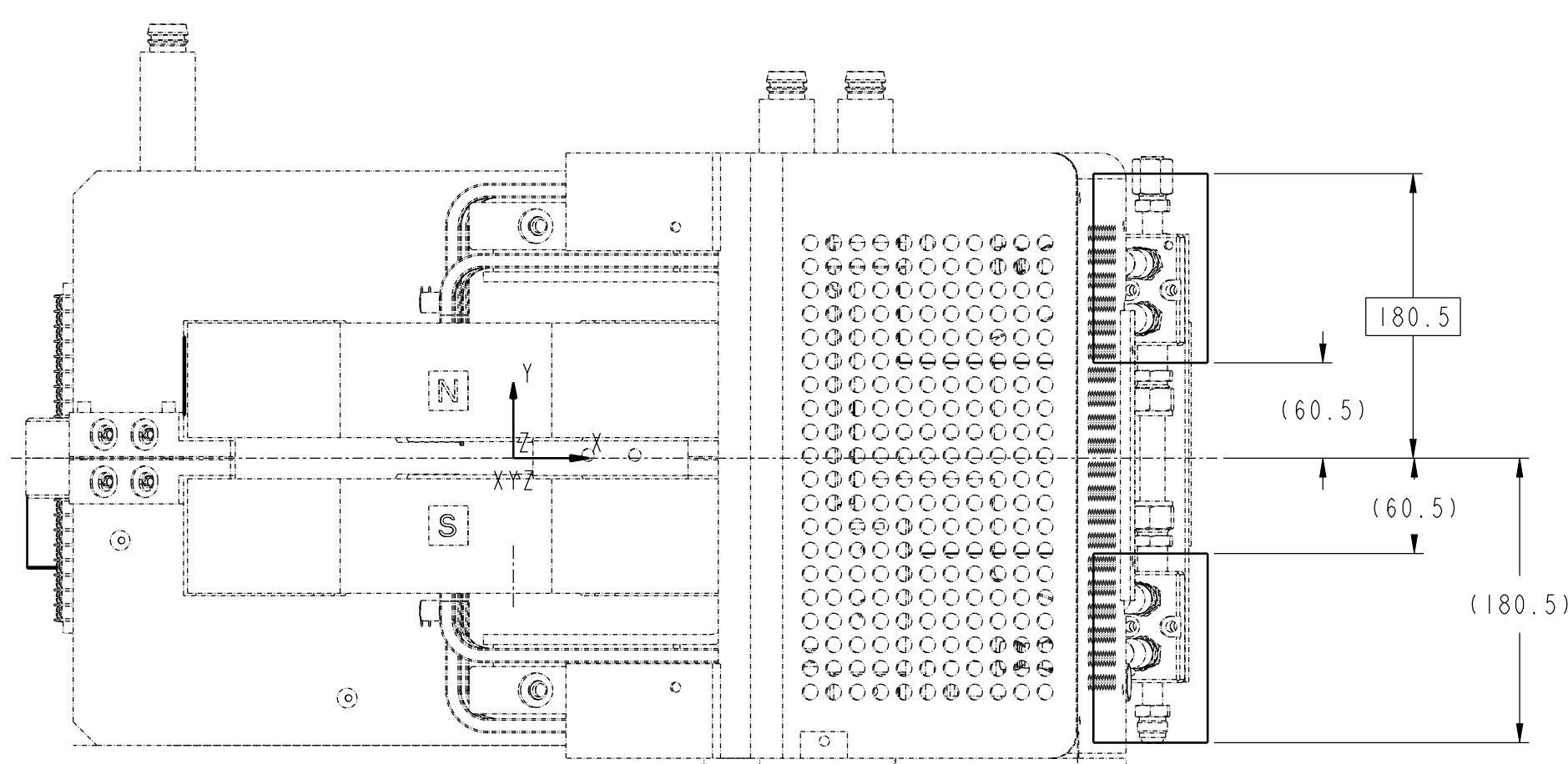
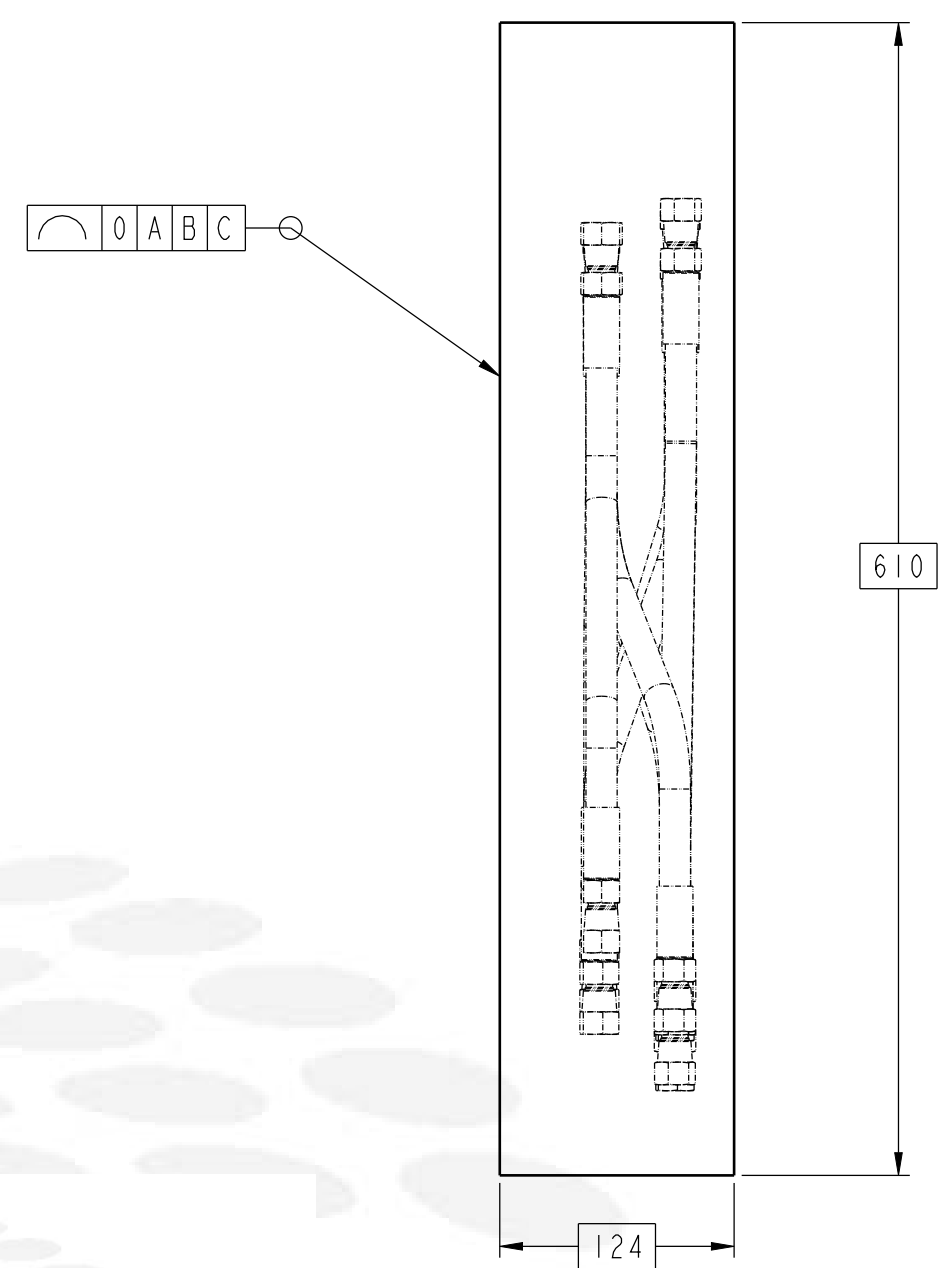
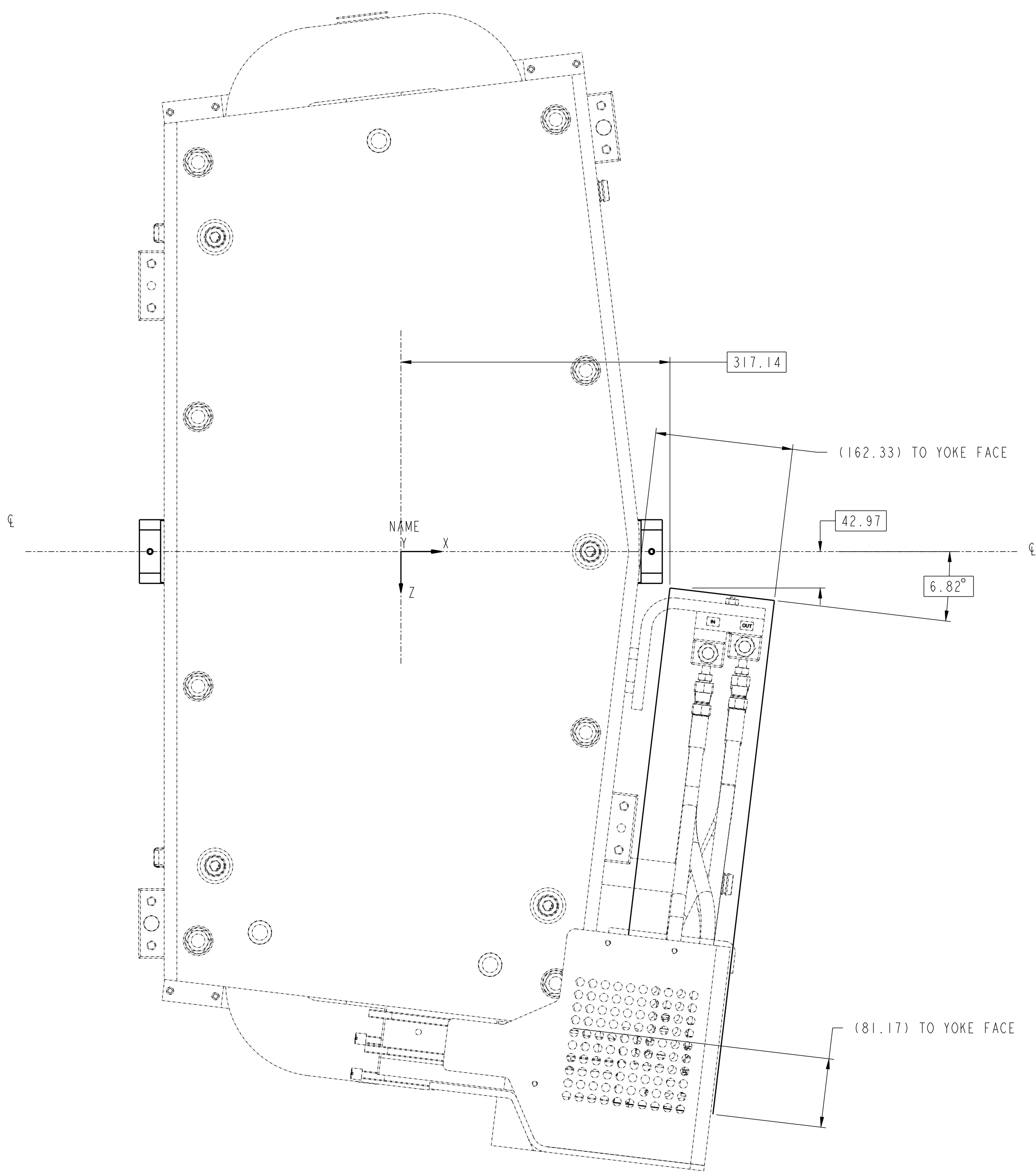
CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)			UNLESS OTHERWISE SPECIFIED		PROJECT NAME		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA					
BOTTOM YOKE SUPPORT INTERFACE ROUGH ALIGN PIN HOLES SPECIFIED.			ESTIMATED MASS 1387.648 KG		ADVANCED LIGHT SOURCE		ALS-U - BOOSTER TO ACCUMULATOR TRANSFER LINE					
AUTHOR: Szegeti, Sullivan			TOLERANCE FRACTIONS: X/0.1, X/0.05		DRAW REF DOC: EG-1000-0923		DRAWING UNITS: mm-kg-s		MAGNETS - GENERAL			
CHECKED BY: CASwenson			ANGLES: ± 1°		SCALE: 1:4		THIRD ANGLE		TBENDC MAGNET ASSEMBLY			
CHECKED AT: Nov 17 2021 8:28:53 AM PST			MACH. SURFS: ± 3.2µm ✓ or better		PRINT NOT TO SCALE		SHEET SIZE: E		CATEGORY CODE: AL7210			
RELEASED BY: CASwenson			REFERENCE: -THREADS ARE CLASS G or H -BREAK EDGES 0.5 MAX, ON -MACHINED WORK -REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE		SHEET: 4 OF 9		LIFECYCLE STATE: Released		ITEM NUMBER: AL-1250-3624			
RELEASED AT: Nov 23 2021 11:32:44 AM PST			THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.									

COIL CASTING SPACE CLAIM



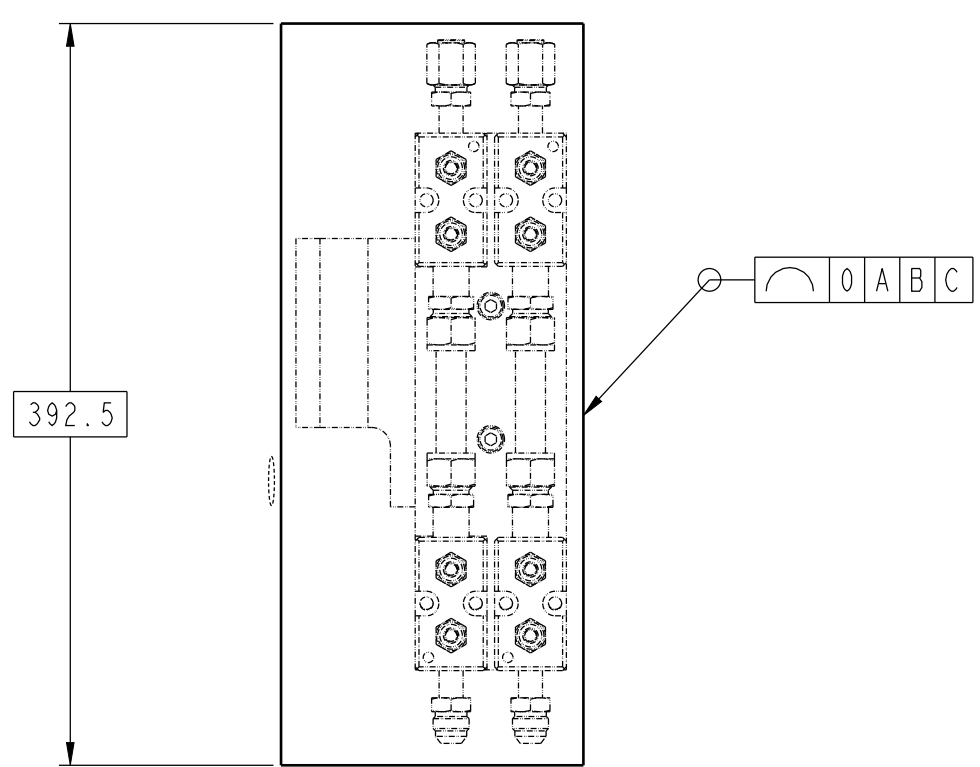
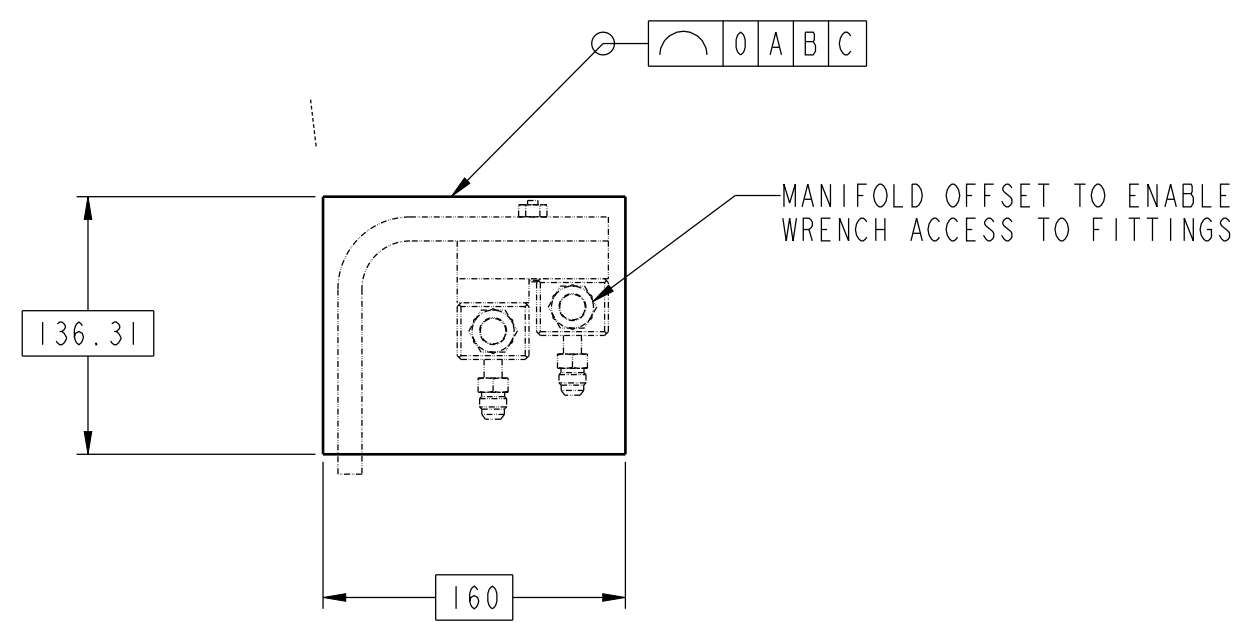
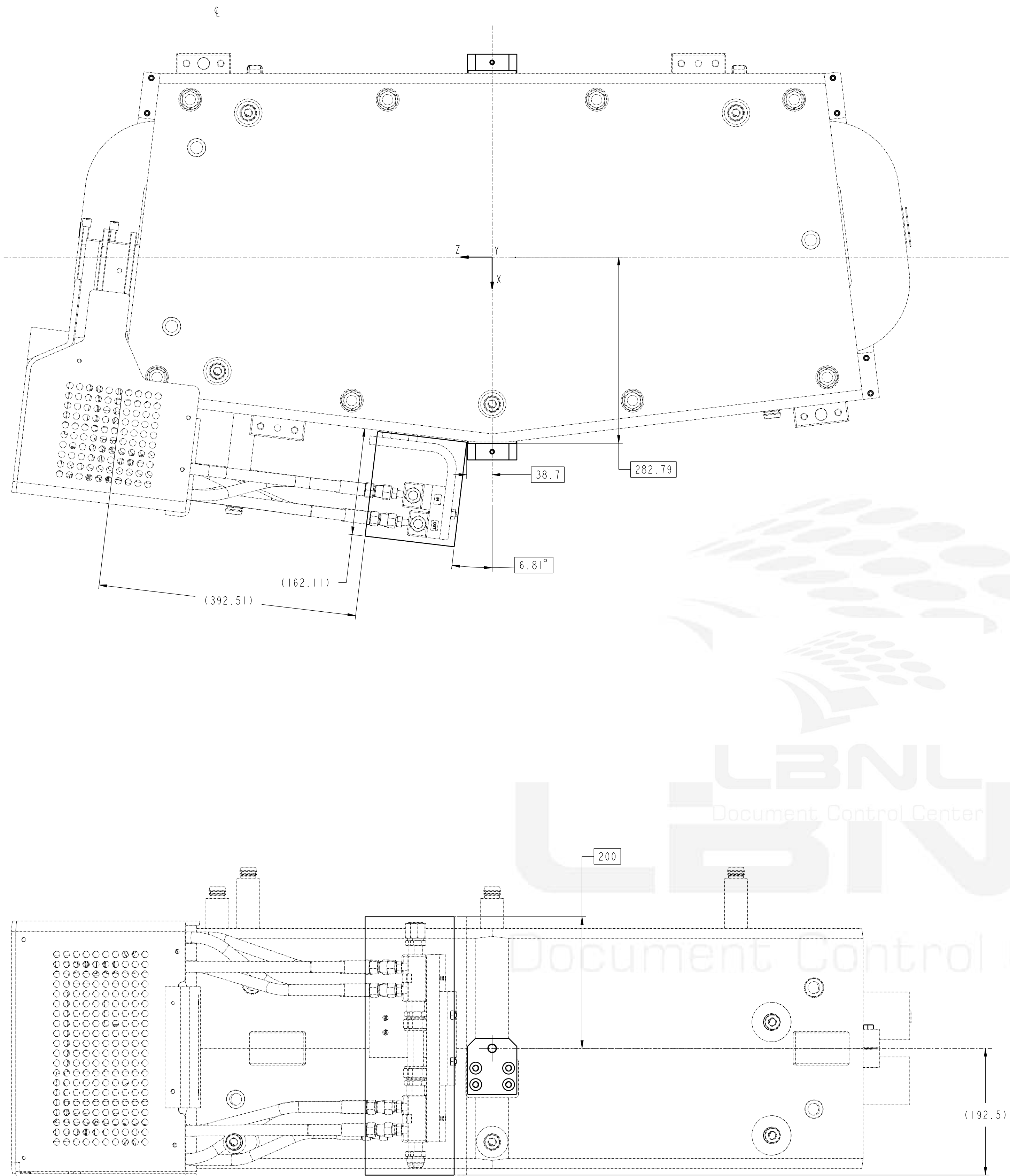
CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)			UNLESS OTHERWISE SPECIFIED			PROJECT NAME			ERNEST ORLANDO LAWRENCE		
BOTTOM YOKE SUPPORT INTERFACE. ROUGH ALIGN PIN HOLES SPECIFIED.			ESTIMATED MASS 1387.648 KG			ADVANCED LIGHT SOURCE			BERKELEY NATIONAL LABORATORY		
AUTHOR: Szegeti, Sullivan			TOLERANCE X, Y, Z: ±0.1 X, Y, Z: ±0.05			DRAW REF DOC: EG-1000-0923			UNIVERSITY OF CALIFORNIA		
CHECKED BY: CASwenson			FRACTIONS: 1/16, 1/8, 1/4, 1/2, 3/4, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 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HOSE ASSEMBLY SPACE CLAIM






CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)		UNLESS OTHERWISE SPECIFIED		PROJECT NAME		ERNEST ORLANDO LAWRENCE	
BOTTOM YOKE SUPPORT INTERFACE ROUGH ALIGN PIN HOLES SPECIFIED.		ESTIMATED MASS 1387.648 KG		ADVANCED LIGHT SOURCE		BERKELEY NATIONAL LABORATORY	
AUTHOR: Szegeti, Sullivan		TOLERANCE FRACTIONS: ±0.1 XX±0.05		DRAW REF DOC: EG-1000-0923		UNIVERSITY OF CALIFORNIA	
CHECKED BY: CASwenson		ANGLES: ±1°		DRAWING UNITS: mm/kg/s		ALS-U - BOOSTER TO ACCUMULATOR TRANSFER	
CHECKED AT: Nov 17 2021 8:28:53 AM PST		MACH. SURFS: 3.2um ✓ or better		SCALE: 1:4		MAGNETS - GENERAL	
RELEASED BY: CASwenson		REFERENCE: THREADS ARE CLASS G or H		THIRD ANGLE		TBENDC MAGNET ASSEMBLY	
RELEASED AT: Nov 23 2021 11:32:44 AM PST		BREAK EDGES 0.5 MAX, ON MACHINED WORK		SHEET SIZE: E		CATEGORY CODE: AL7210	
THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.		REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE		SHEET: 6 OF 9		LIFE/CYCLE STATE: Released	
						ITEM NUMBER: AL-1250-3624	
						REV: B	

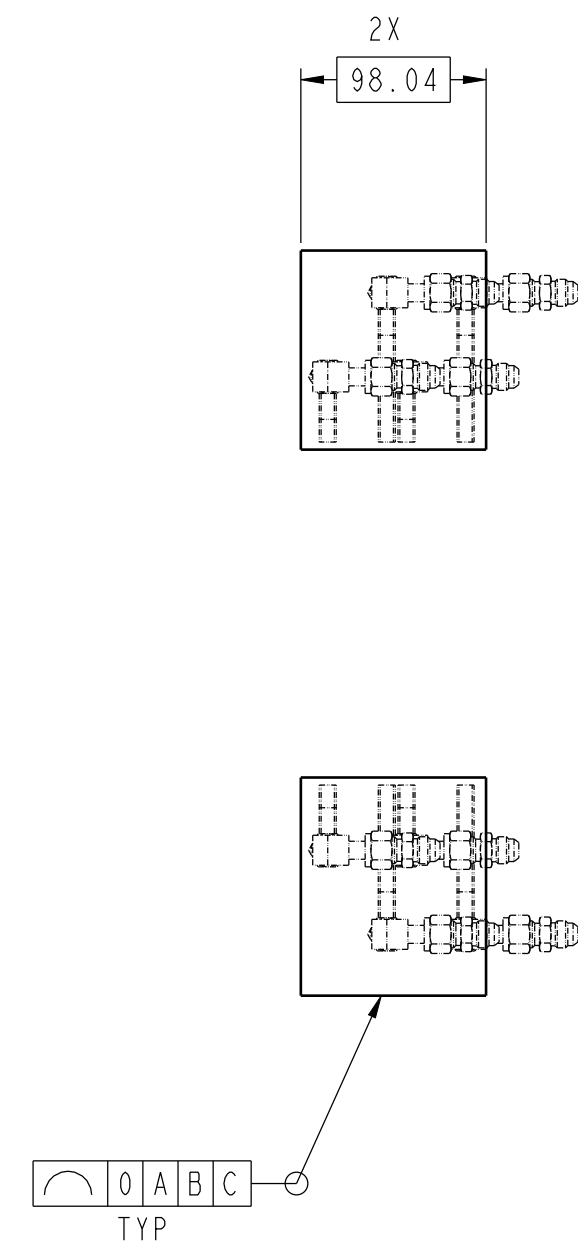
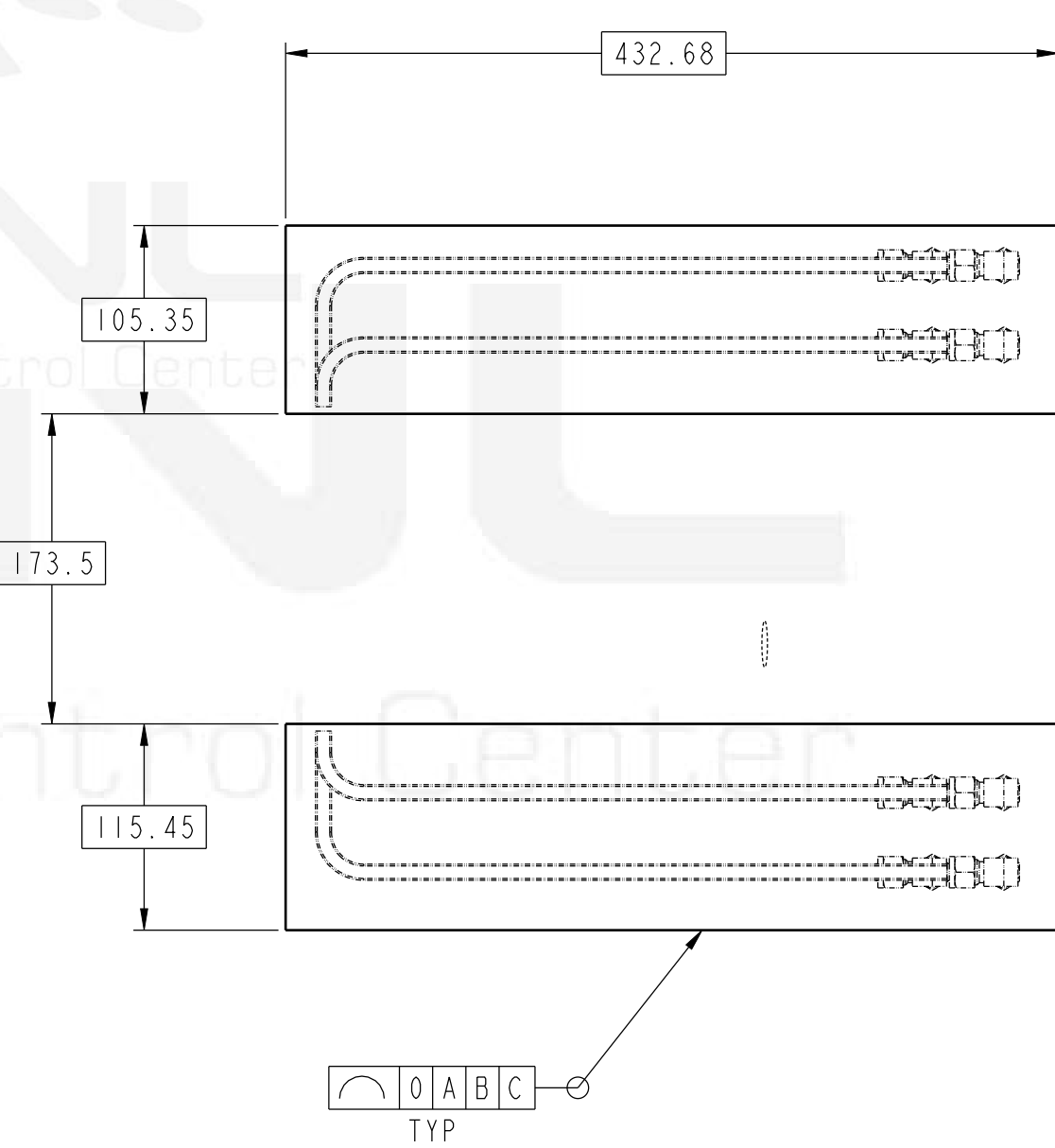
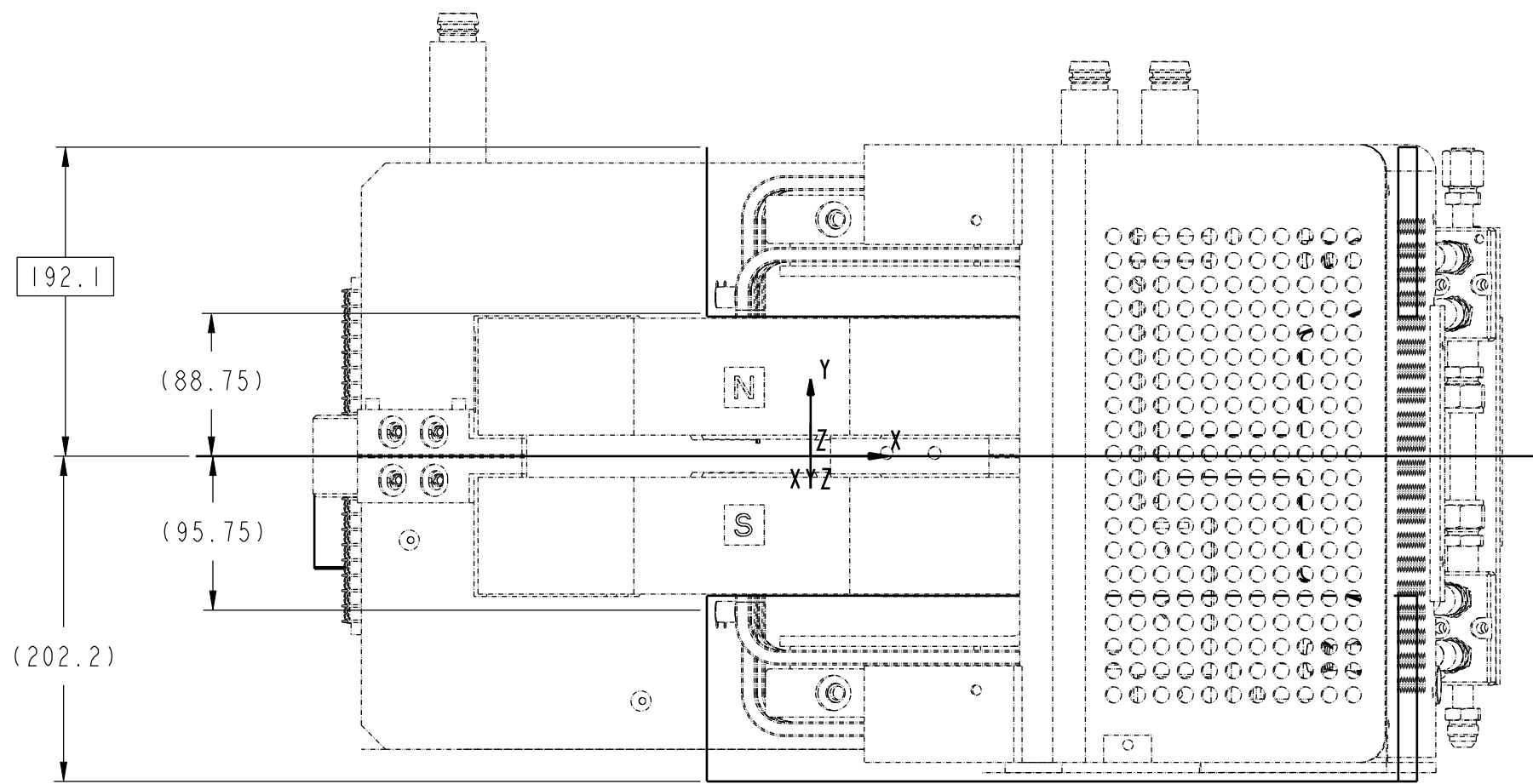
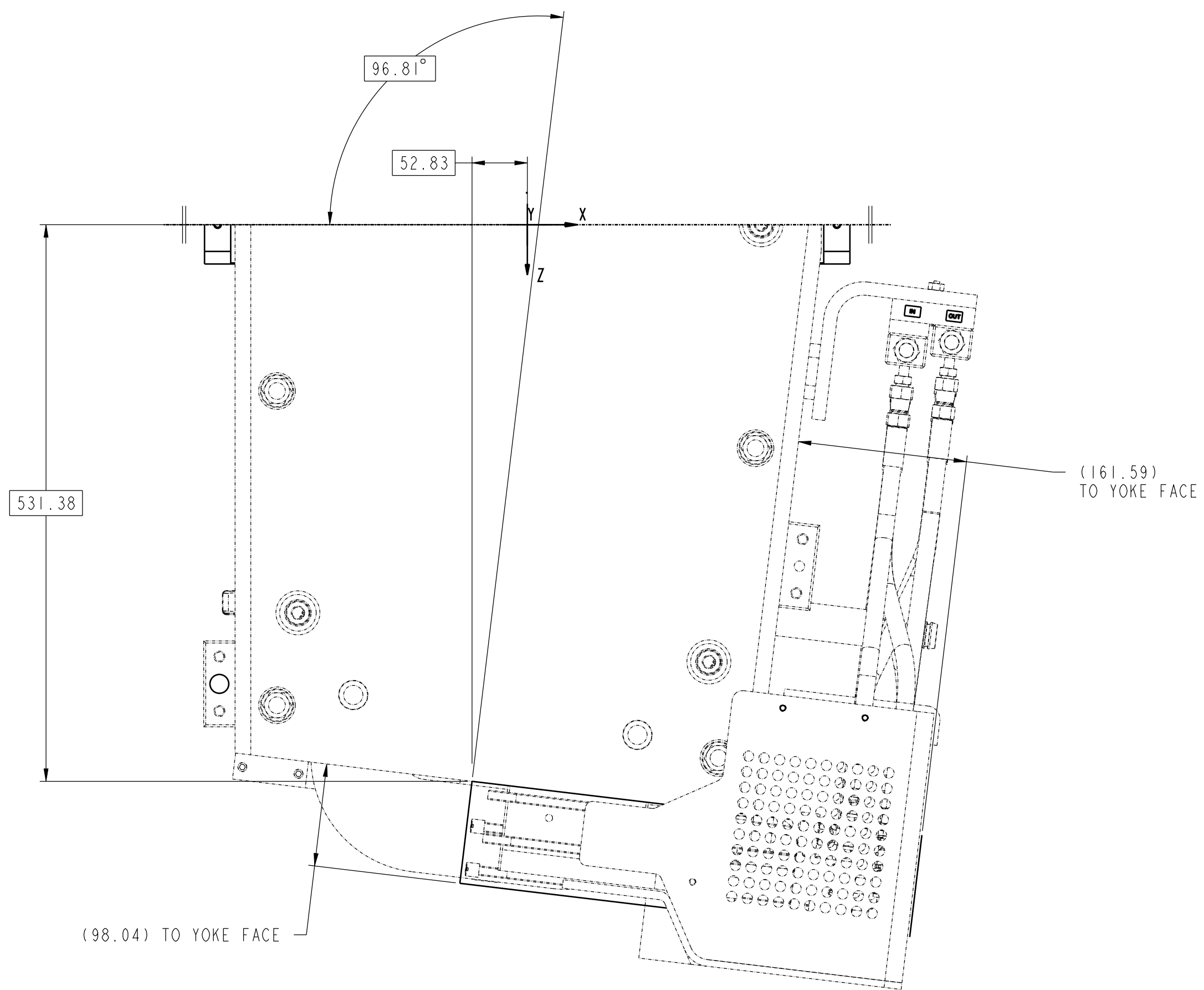
MANIFOLD SPACE CLAIM



SCALE 1:4

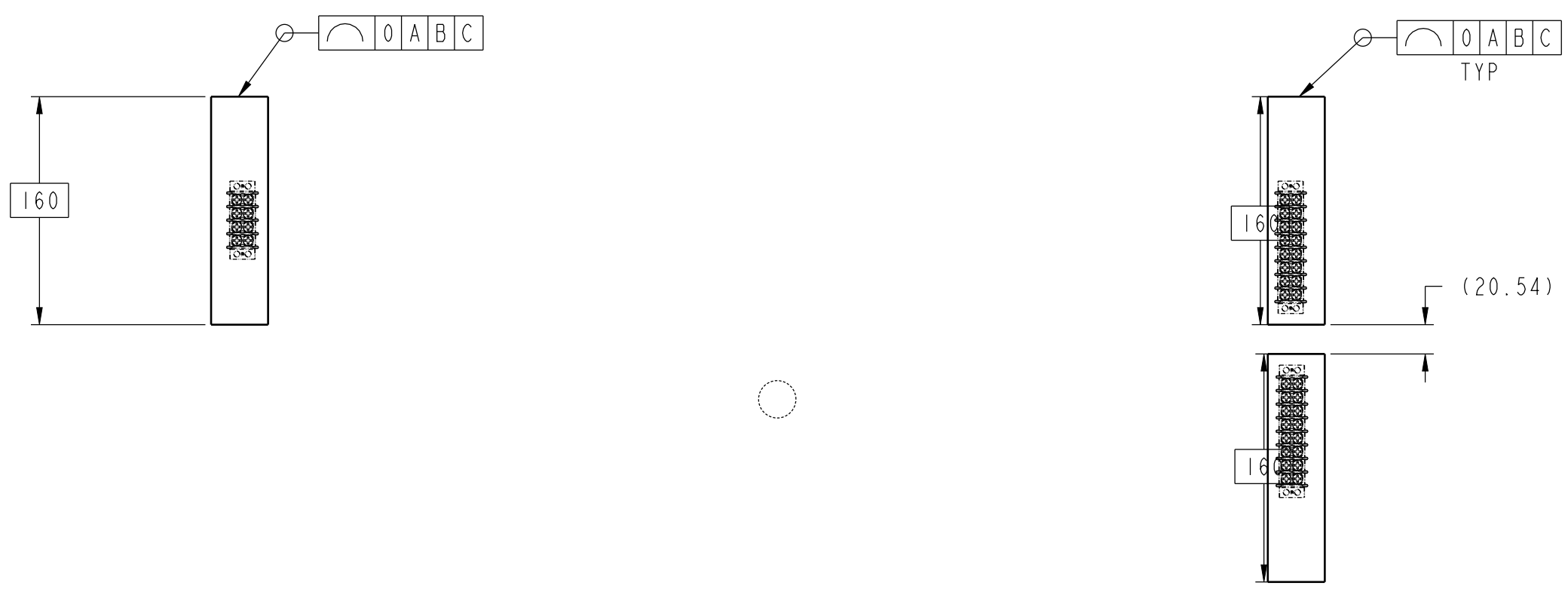
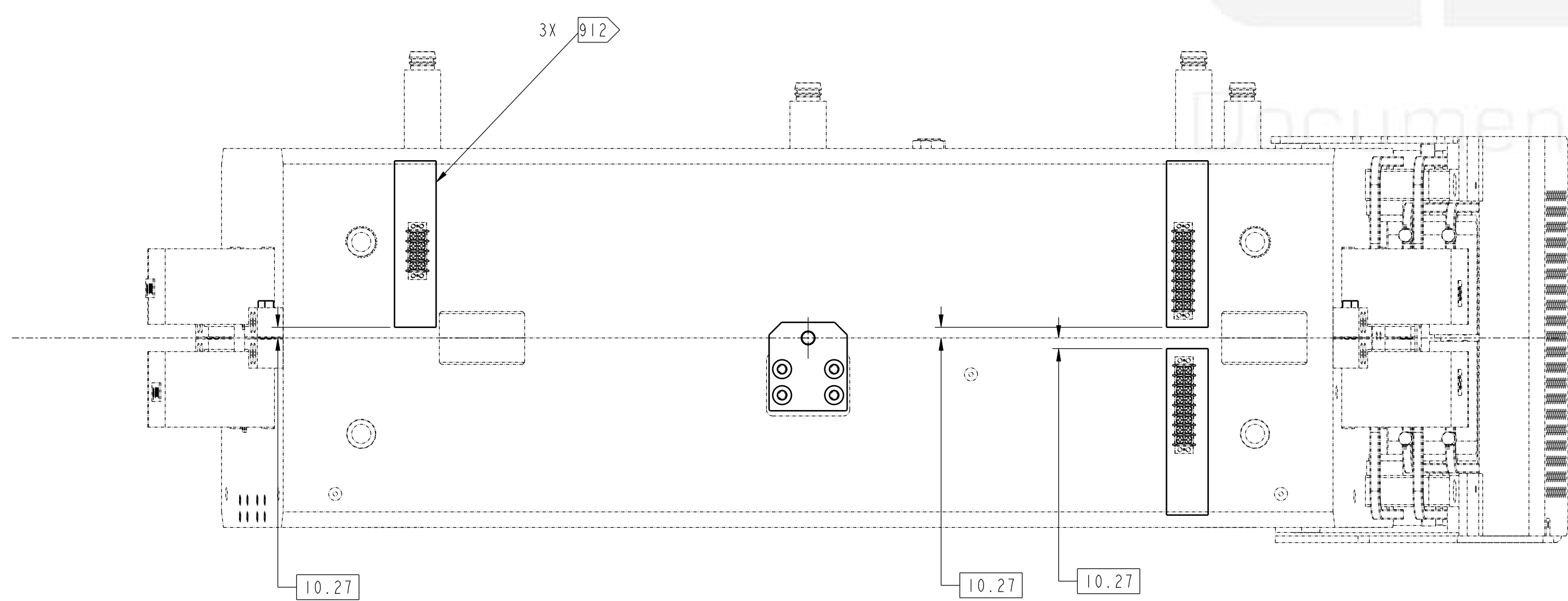
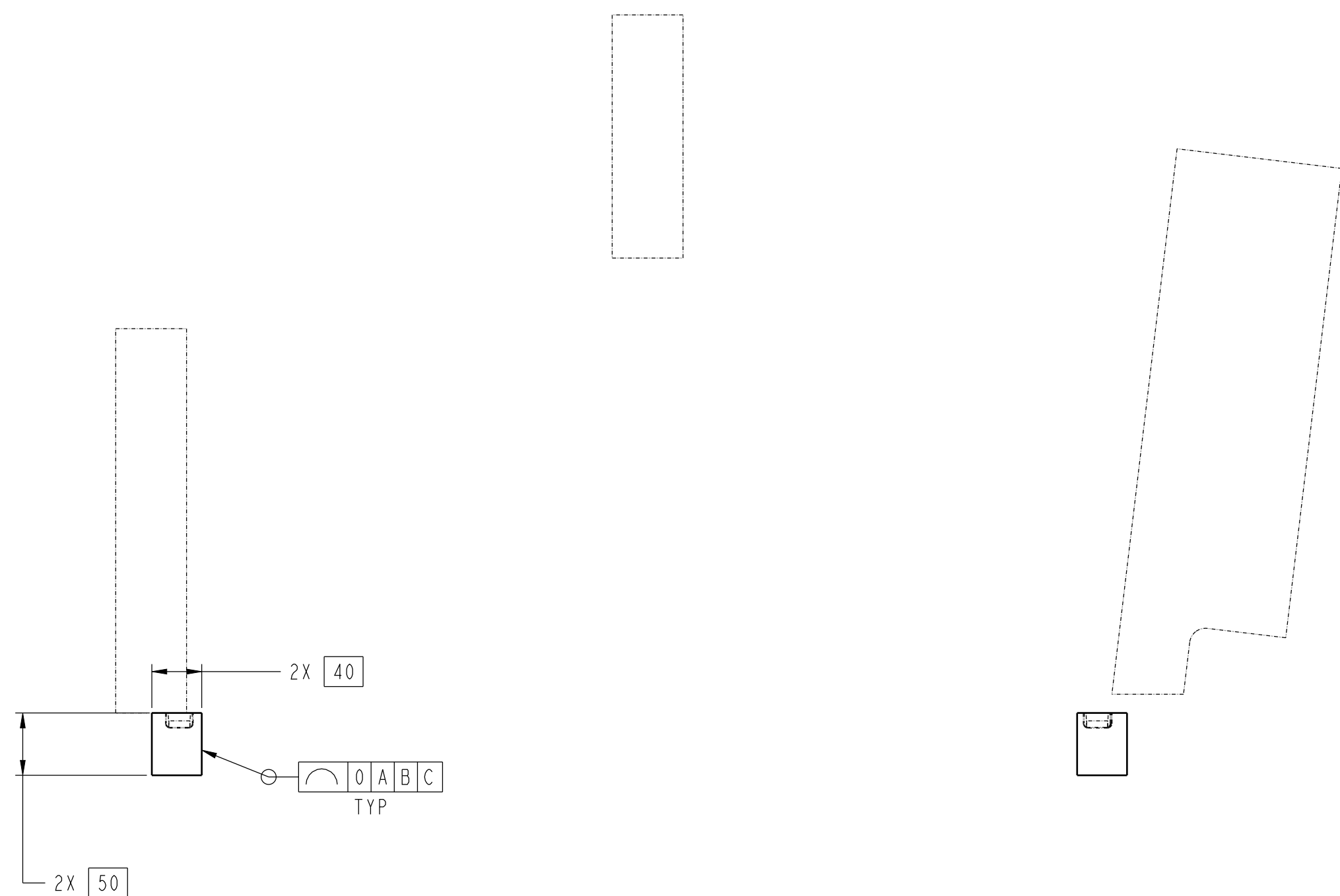
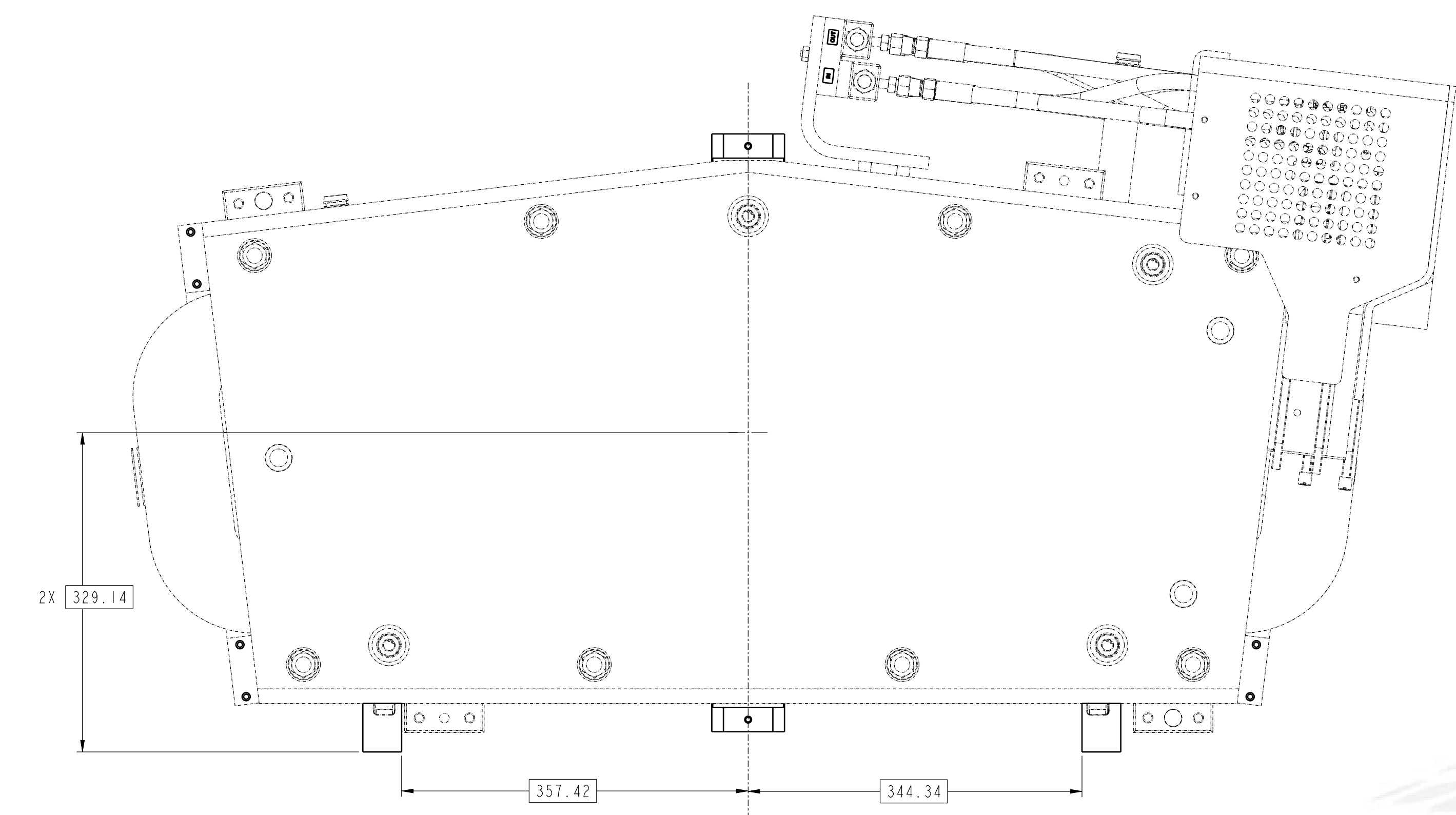
CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)			UNLESS OTHERWISE SPECIFIED			PROJECT NAME		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY				
BOTTOM YOKE SUPPORT INTERFACE ROUGH ALIGN PIN HOLES SPECIFIED.			ESTIMATED MASS 1387.648 KG			ADVANCED LIGHT SOURCE		UNIVERSITY OF CALIFORNIA				
AUTHOR: Szegeti, Sullivan			TOLERANCE FRACTIONS: $\frac{X}{Y} \pm 0.01$ XX ± 0.05			DRAW REF DOC: EG-1000-0923		ALS-U - BOOSTER TO ACCUMULATOR TRANSFER				REV
CHECKED BY: CASwenson			ANGLES: $\pm 1^\circ$			DRAWING UNITS: mm-kg-s		MAGNETS - GENERAL				
CHECKED AT: Nov 17 2021 8:28:53 AM PST			MACH. SURFS: 3.2um \checkmark or better			SCALE: 1:4		TBENDC MAGNET ASSEMBLY			SHEET	ITEM NUMBER
RELEASED BY: CASwenson			REFERENCE: THREADS ARE CLASS G or H			THIRD ANGLE		CATEGORY CODE				
RELEASED AT: Nov 23 2021 11:32:44 AM PST			MACHINED WORK: -BREAK EDGES 0.5 MAX, ON			SHEET SIZE: E		7 OF 9			Released	
THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.			REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE			7 OF 9		AL7210				

COIL LEAD ASSEMBLY SPACE CLAIM



CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)		UNLESS OTHERWISE SPECIFIED		PROJECT NAME	
BOTTOM YOKE SUPPORT INTERFACE ROUGH ALIGN PIN HOLES SPECIFIED.		ESTIMATED MASS 1387.648 KG		ADVANCED LIGHT SOURCE	
AUTHOR Szegei, Sullivan		TOLERANCE X, Y, Z: ±0.1 X, Y, Z: ±0.05 FRACTIONS: 1/16, 1/32, 1/64 ANGLES: ±1° MACH. SURFS: 3.2um ✓ or better		DRAW REF DOC DRAWING UNITS EG-1000-0923	
CHECKED BY CASwenson		REFERENCE THREADS ARE CLASS G or H BREAK EDGES 0.5 MAX, ON MACHINED WORK REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE		SCALE THIRD ANGLE	
CHECKED AT Nov 17 2021 8:28:53 AM PST		SHEET SIZE		SHEET	
RELEASED BY CASwenson		E		8 OF 9	
RELEASED AT Nov 23 2021 11:32:44 AM PST		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA		ALS-U - BOOSTER TO ACCUMULATOR TRANSFER LINE MAGNETS - GENERAL TBENDC MAGNET ASSEMBLY	
THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.		SHEET SIZE		SHEET	
		E		8 OF 9	
		AL7210		Released	
		AL-1250-3624		REV	

TERMINAL BLOCK ASSEMBLY SPACE CLAIM



CHANGE DESCRIPTION (SEE LBNL PDM FOR REV HISTORY)		UNLESS OTHERWISE SPECIFIED		PROJECT NAME		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA	
BOTTOM YOKE SUPPORT INTERFACE ROUGH ALIGN PIN HOLES SPECIFIED.		ESTIMATED MASS 1387.648 KG		ADVANCED LIGHT SOURCE		ALS-U - BOOSTER TO ACCUMULATOR TRANSFER	
AUTHOR: Szegei, Sullivan		TOLERANCE FRACTIONS: ±0.1 XX±0.05		DRAW REF DOC: EG-1000-0923		DRAWING UNITS: mm-Kg-s	
CHECKED BY: CASwenson		ANGLES: ±1°		SCALE: 1:4		THIRD ANGLE	
CHECKED AT: Nov 17 2021 8:28:53 AM PST		MACH. SURFS: ±3.2um ✓ or better		SHEET SIZE: E		SHEET: 9 OF 9	
RELEASED BY: CASwenson		REFERENCE: - THREADS ARE CLASS G or H - BREAK EDGES 0.5 MAX, ON - MACHINED WORK - REMOVE BUBBLES, WELD SPLATTER & LOOSE SCALE		CATEGORY CODE: AL7210		LIFECYCLE STATE: Released	
RELEASED AT: Nov 23 2021 11:32:44 AM PST		THIS DRAWING IS THE PROPERTY OF ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL) AND ANYTHING PRODUCED FROM THESE DRAWINGS IS SUBJECT TO LBNL'S INTELLECTUAL PROPERTY RIGHTS. THIS DRAWING IS LOANED ON A CONFIDENTIAL BASIS SUBJECT TO RETURN ON DEMAND AND NOTHING HEREIN MAY BE REPRODUCED, USED OR DISCLOSED IN WHOLE OR PART WITHOUT PRIOR WRITTEN PERMISSION OF LBNL.		ITEM NUMBER: AL-1250-3624		REV: B	