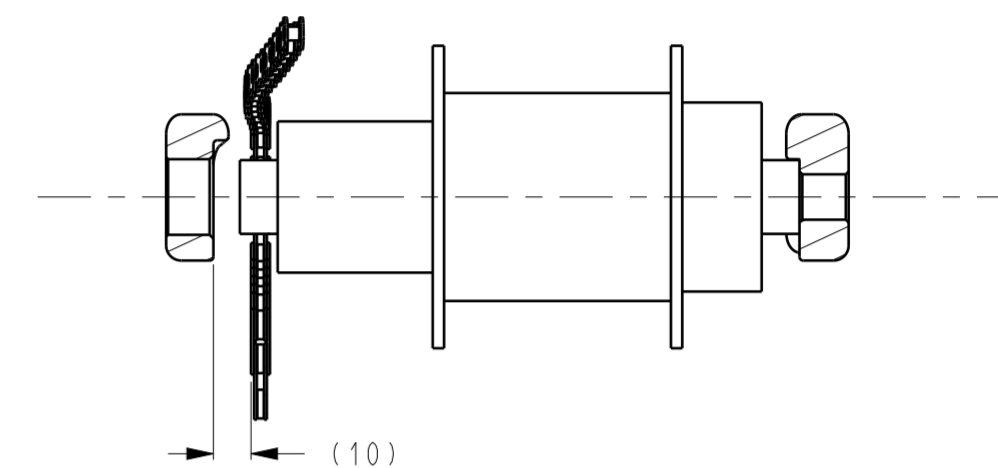
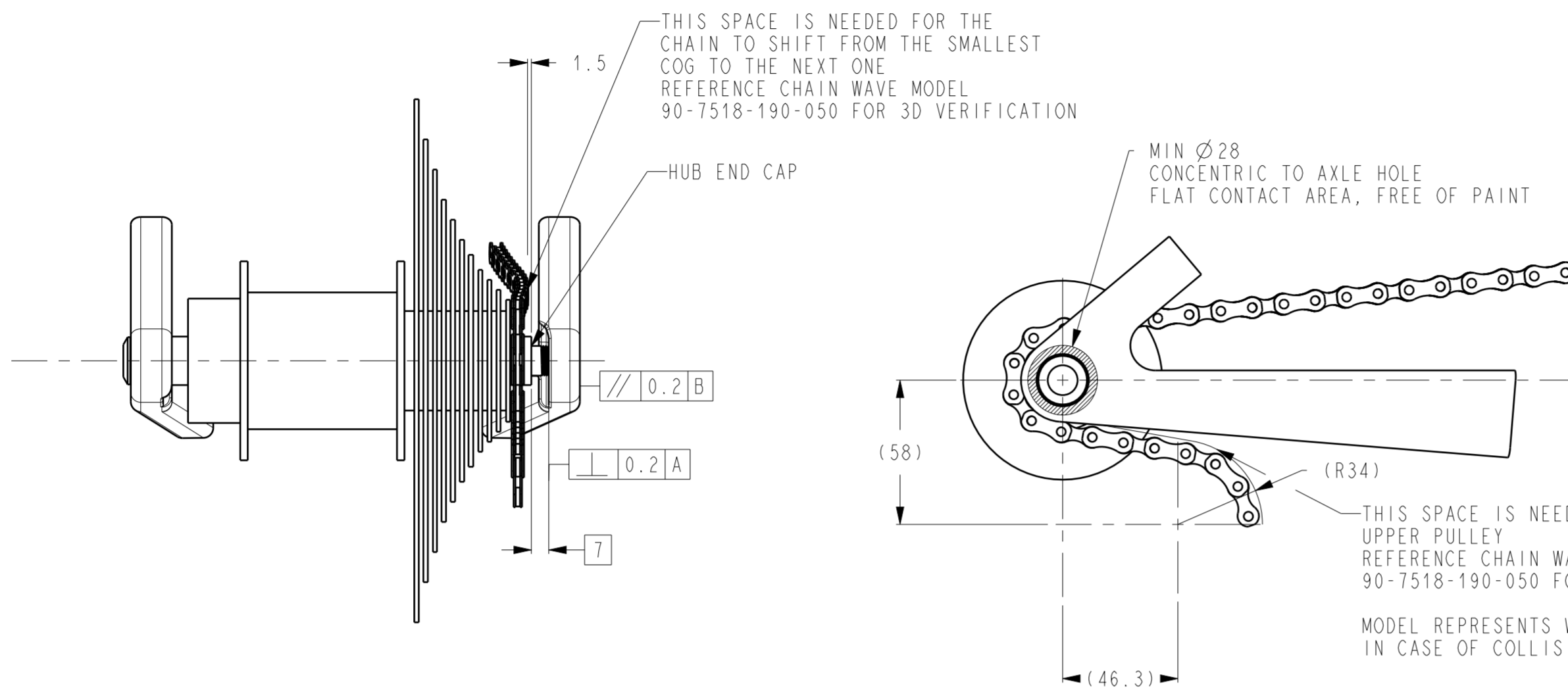
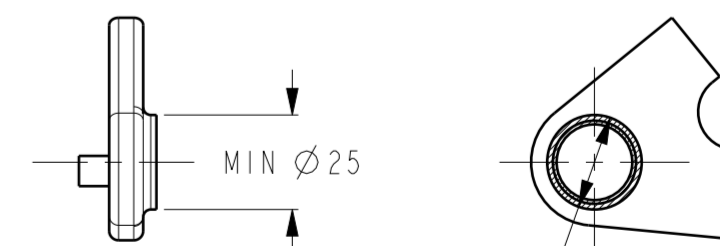


REV	RESP ENG	REVISION RECORD
A	THARCKE	RELEASE
B	THARCKE	ADD: FOR 148 OLD FRAMES (SHEET 3, A7);
C	SDUEWELING	ADD: VIEW (SHEET1, C13), 0-0.5 (BROKEN EDGE) (SHEET 2, D14) CHANGE: VIEW (SHEET 1, C8); 90-7518-150-050 WAS chain_wave_asm.sip (SHEET 1, B5)
D	HREDECKER	ADD: NOTE (SHEET 2, J6-12), NOTE (SHEET 4, B6-9, E6-9), SHEET 5 REMOVE: VIEW (SHEET1, F2-4)
E	THARCKE	ADD: UDH HANGER DIMENSIONS (SHEET 6); FRONT CABLE ENTRANCE DUMMY 90-7518-190-090 (SHEET 5, G7, J7); AND FRONT CABLE ENTRANCE DUMMY 90-7518-190-090 (SHEET 4, C7); CHANGE: REAR CABLE ENTRANCE DUMMY (SHEET 5, D11) WAS REAR CABLE EXIT DUMMY;



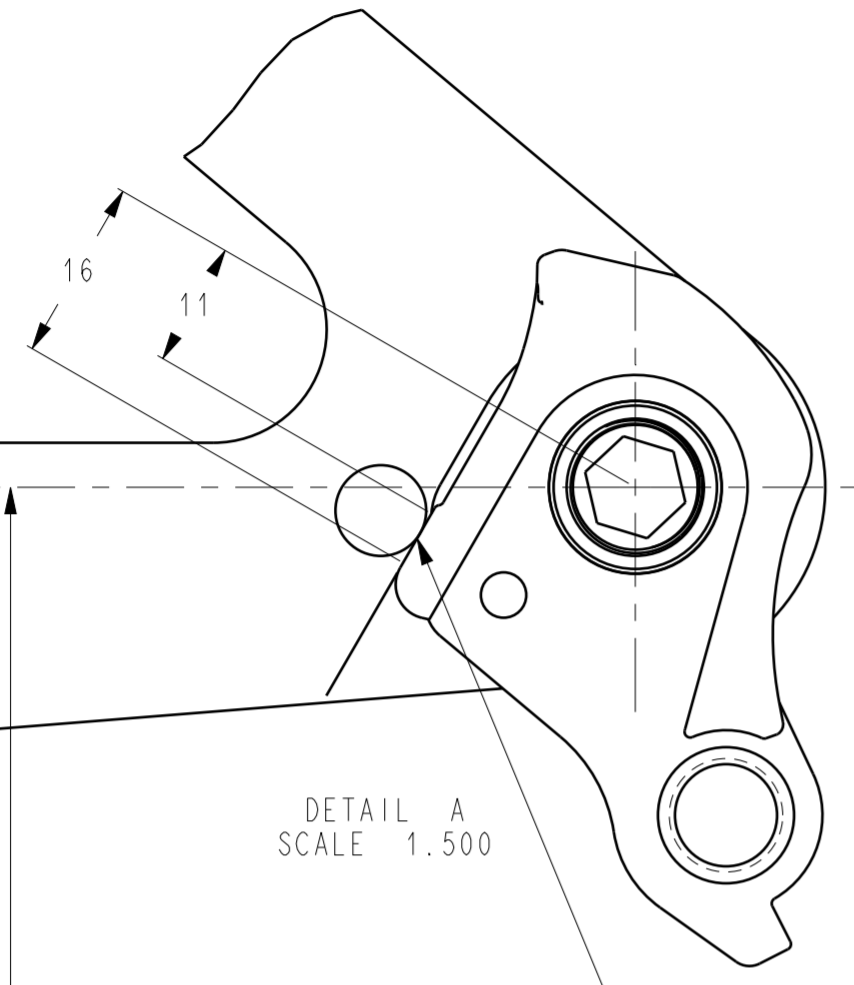
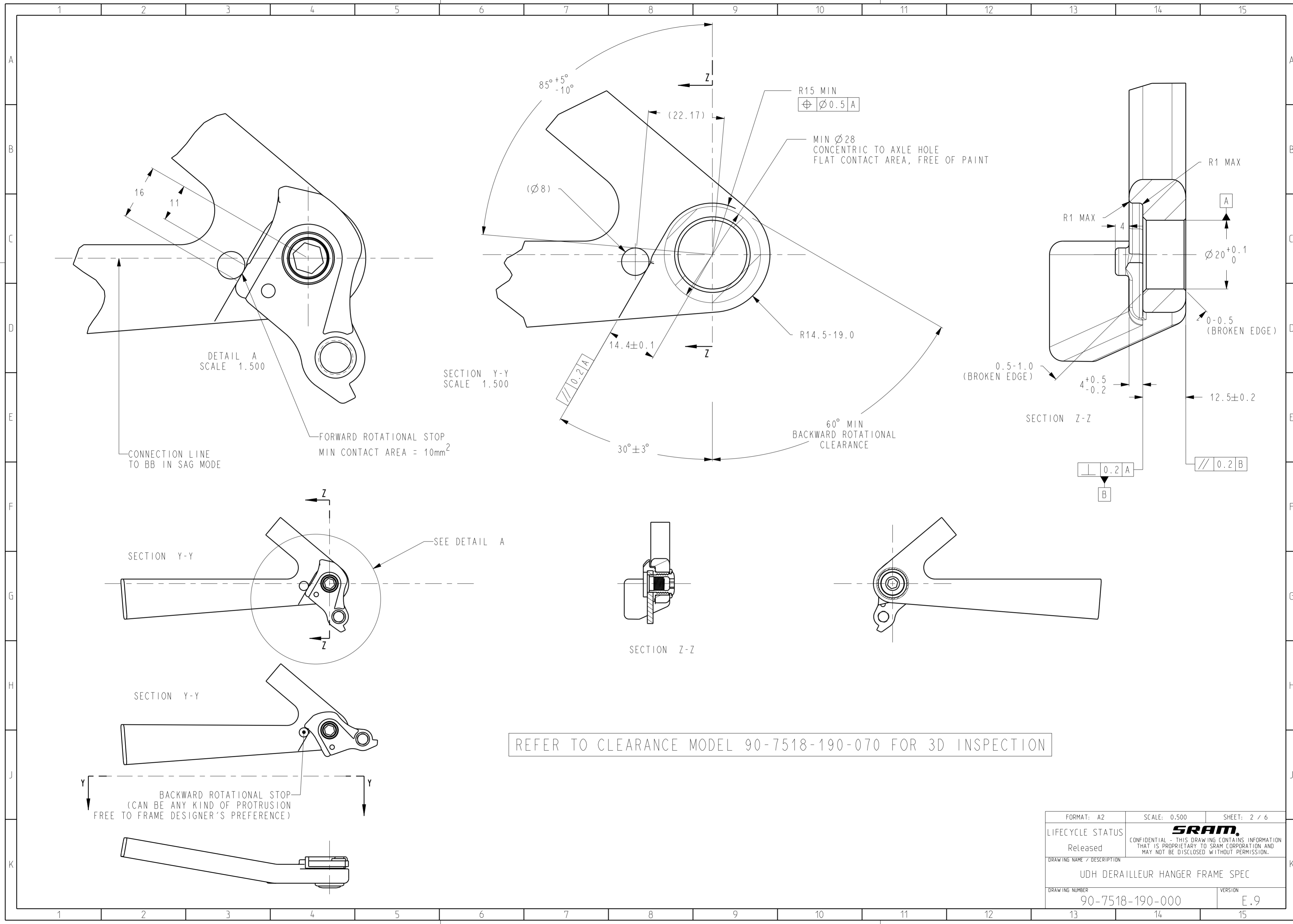
SECTION X-X

ALTERNATIVE DESIGN WITH CYLINDRICAL PROTRUSION

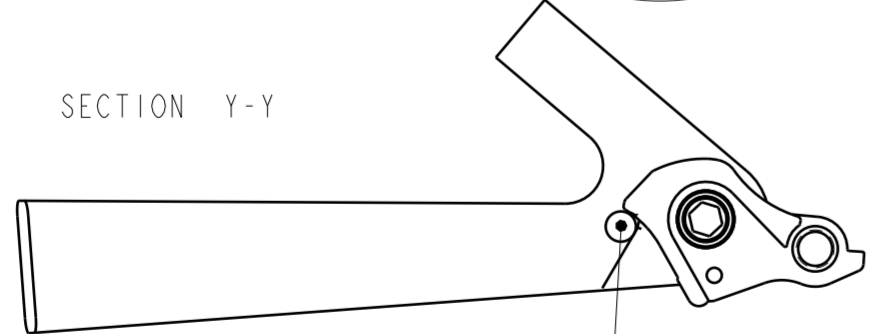
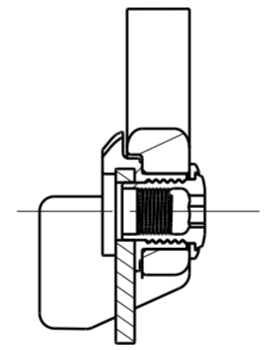
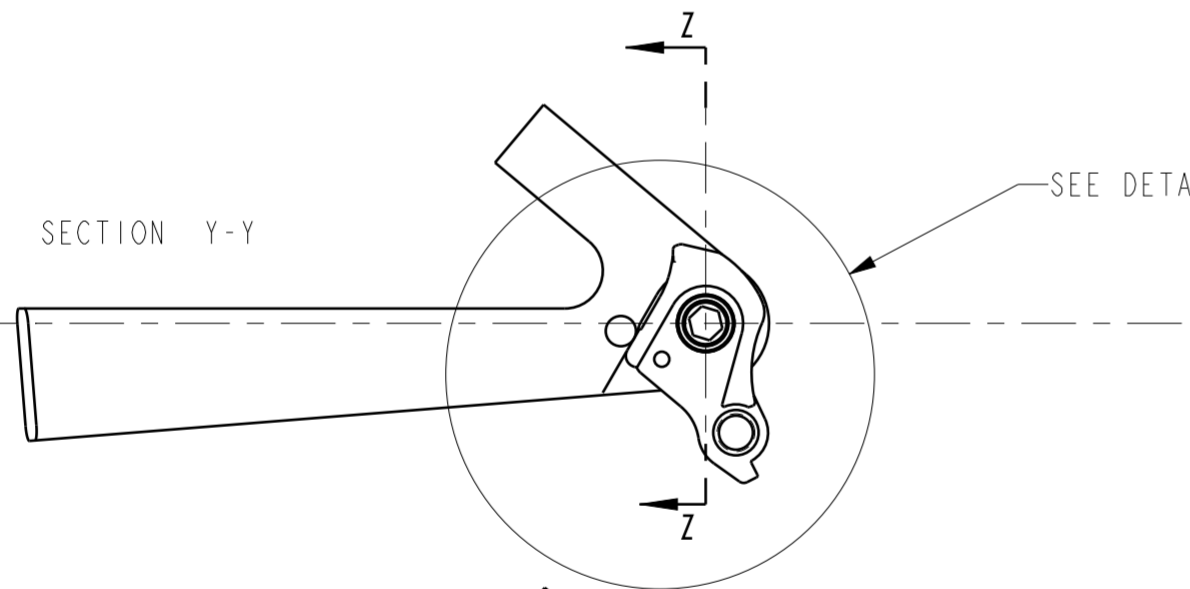
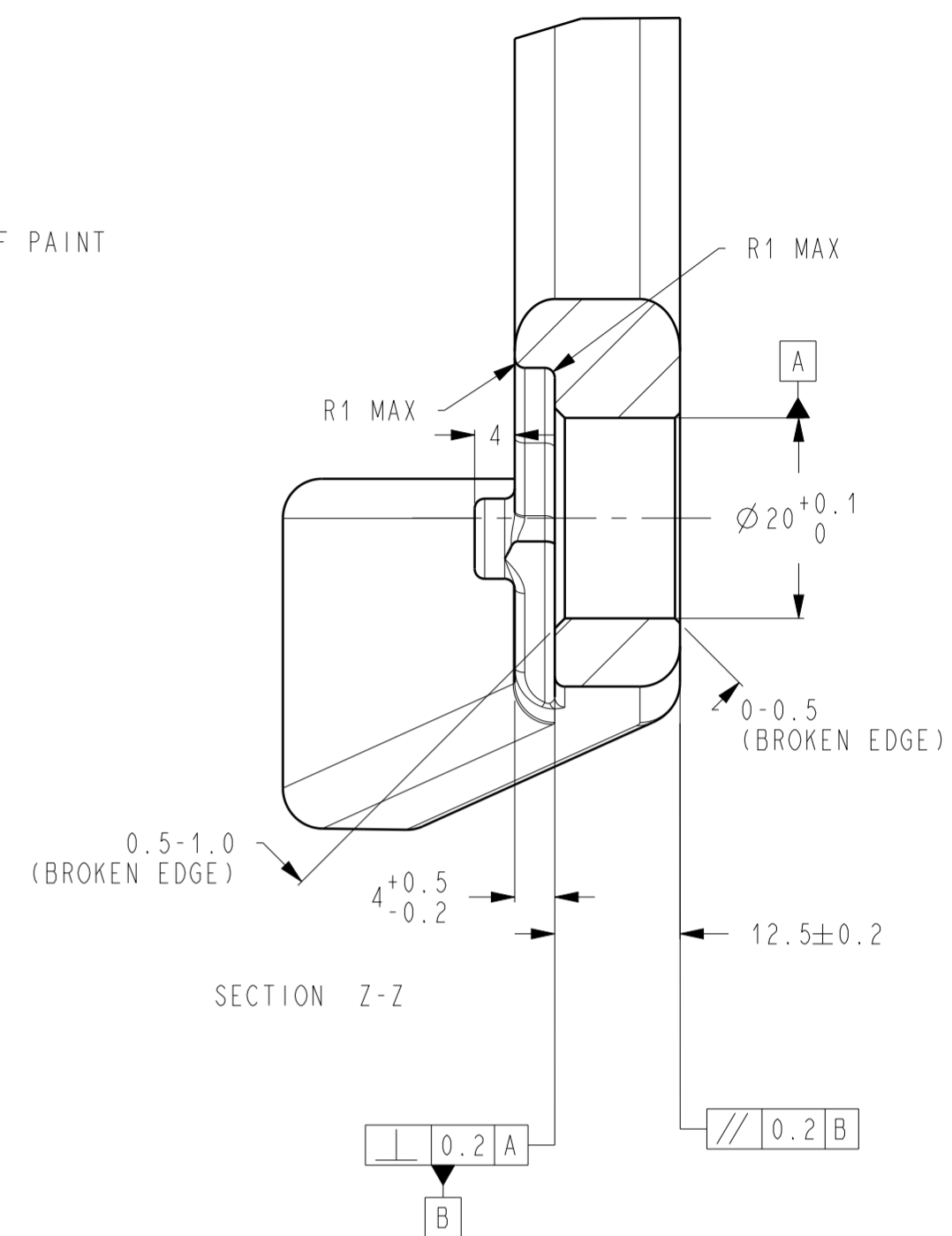


MIN Ø25  
CONCENTRIC TO AXLE HOLE  
FLAT CONTACT AREA, FREE OF PAINT

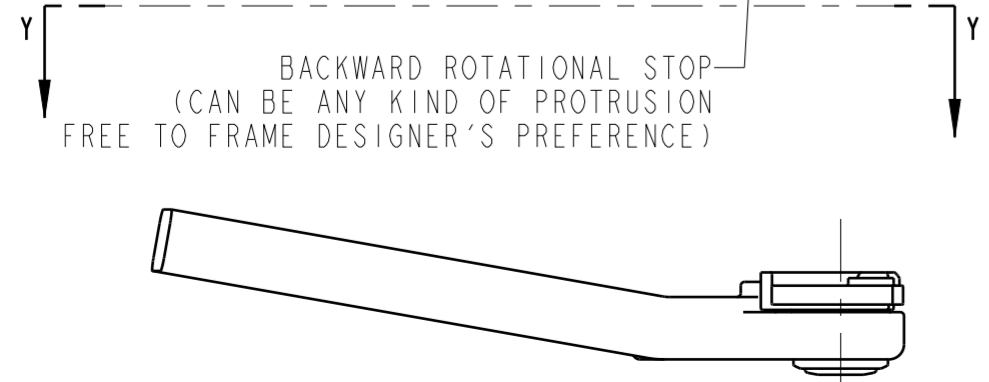
ALL DIMENSIONS ARE mm	GEOMETRIC DIMENSIONING AND TOLERANCING TO BE INTERPRETED PER ASME Y14.5-2009	FORMAT: A2	SCALE: 0.500	SHEET: 1 / 6
THIRD ANGLE PROJECTION	UNTOLEANCED LENGTH DIMENSIONS (mm)	LIFECYCLE STATUS	 CONFIDENTIAL - THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SRAM CORPORATION AND MAY NOT BE DISCLOSED WITHOUT PERMISSION.	
MASS (g) 0.0	LENGTH DIMENSIONS TOLERANCE	Released	DRAWING NAME / DESCRIPTION	
MATERIAL	UNTOLERANCED ANGLE DIMENSIONS ± 2°		UDH DERAILLEUR HANGER FRAME SPEC	
			DRAWING NUMBER	VERSION
			90-7518-190-000	E.9



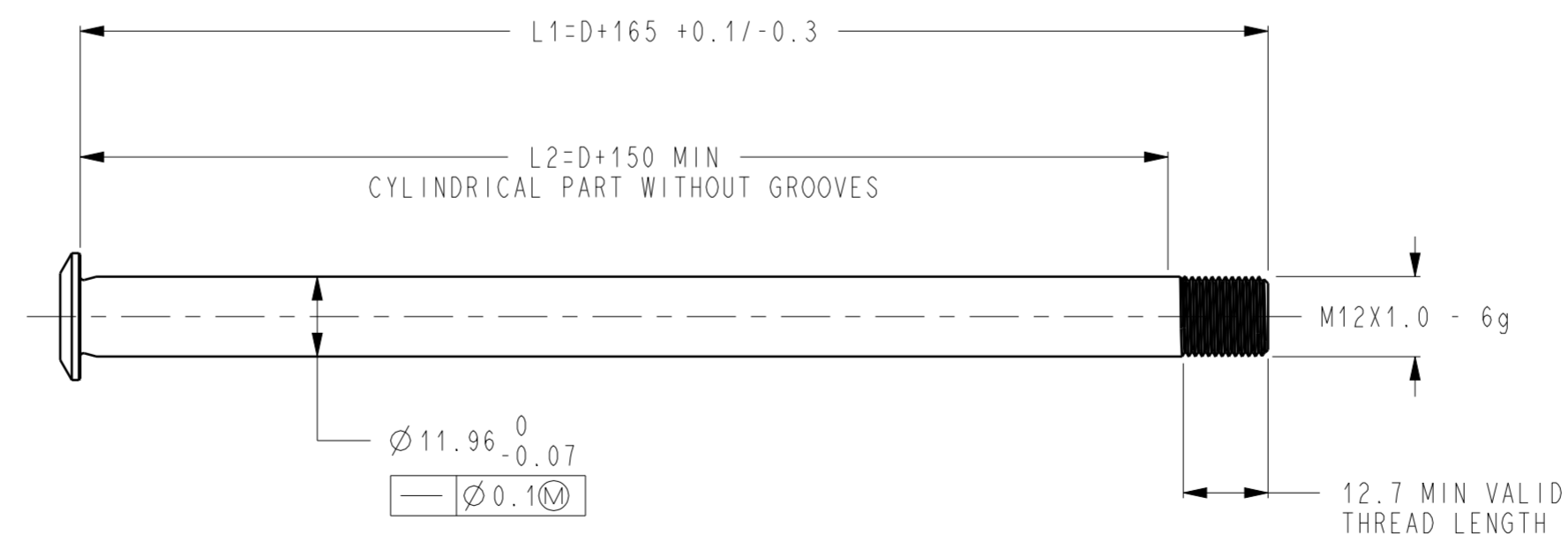
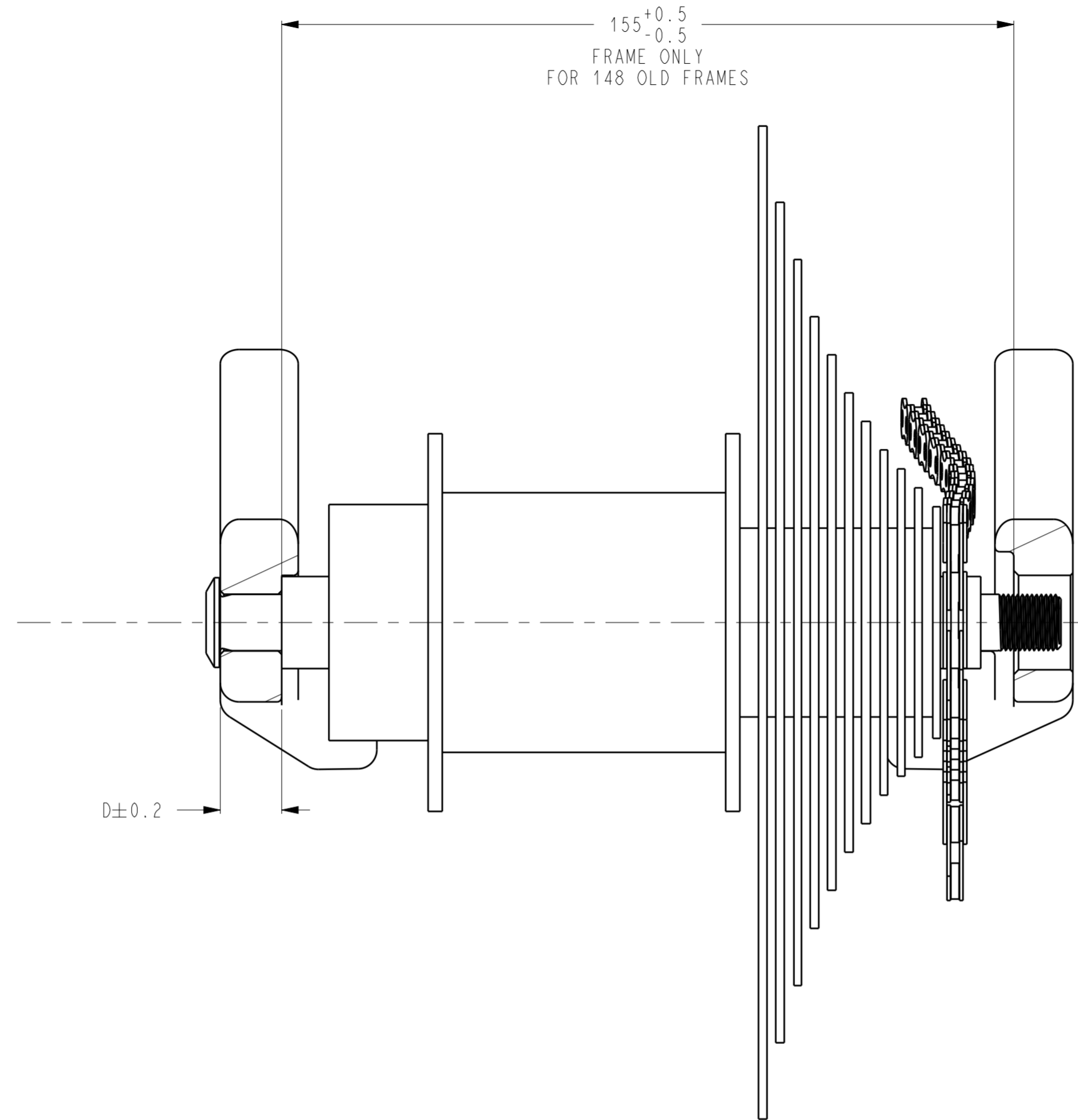
SECTION Y-Y  
SCALE 1.500



REFER TO CLEARANCE MODEL 90-7518-190-070 FOR 3D INSPECTION

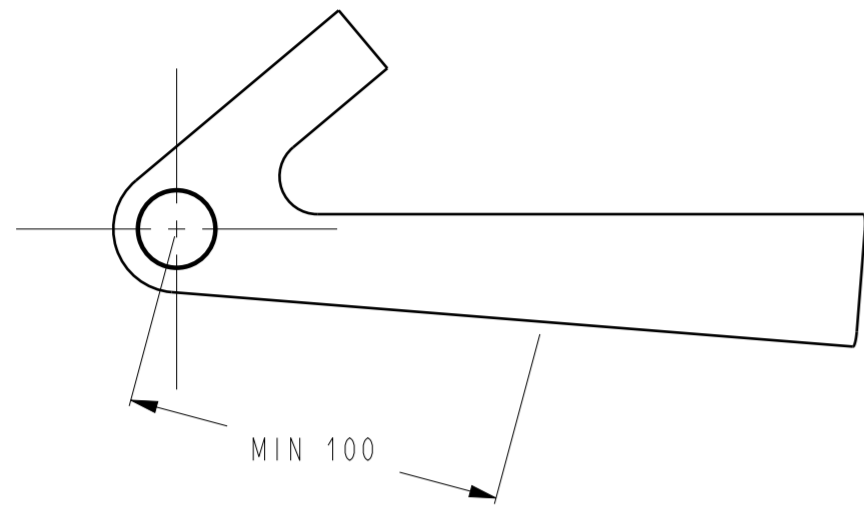


FORMAT: A2	SCALE: 0.500	SHEET: 2 / 6
LIFECYCLE STATUS Released	<b>SRAM</b> CONFIDENTIAL - THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SRAM CORPORATION AND MAY NOT BE DISCLOSED WITHOUT PERMISSION.	
DRAWING NAME / DESCRIPTION UDH DERAILLEUR HANGER FRAME SPEC		
DRAWING NUMBER 90-7518-190-000		VERSION E.9



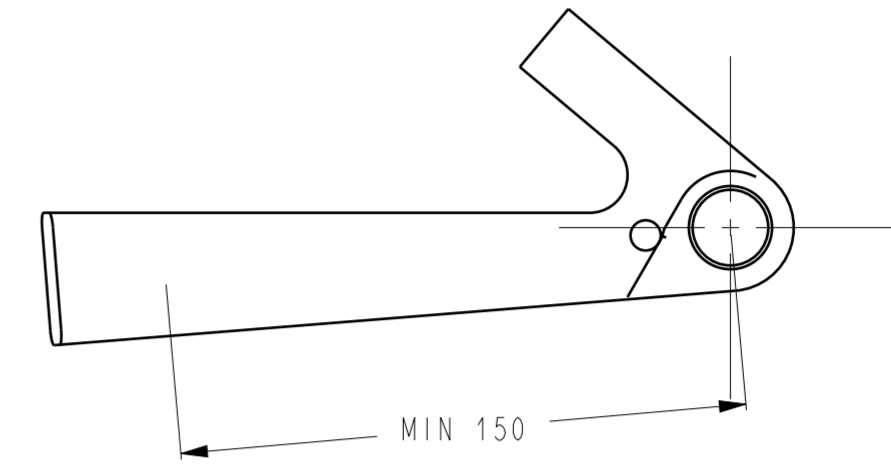
FORMAT: A2	SCALE: 1.000	SHEET: 3 / 6
LIFECYCLE STATUS Released	<b>SRAM</b> CONFIDENTIAL - THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SRAM CORPORATION AND MAY NOT BE DISCLOSED WITHOUT PERMISSION.	
DRAWING NAME / DESCRIPTION UDH DERAILLEUR HANGER FRAME SPEC		
DRAWING NUMBER 90-7518-190-000		VERSION E.9

PROPOSED CABLE HOUSING EXIT POINTS AT THE FRAME  
 NEED TO BE VERIFIED DEPENDING ON THE SUSPENSION DESIGN

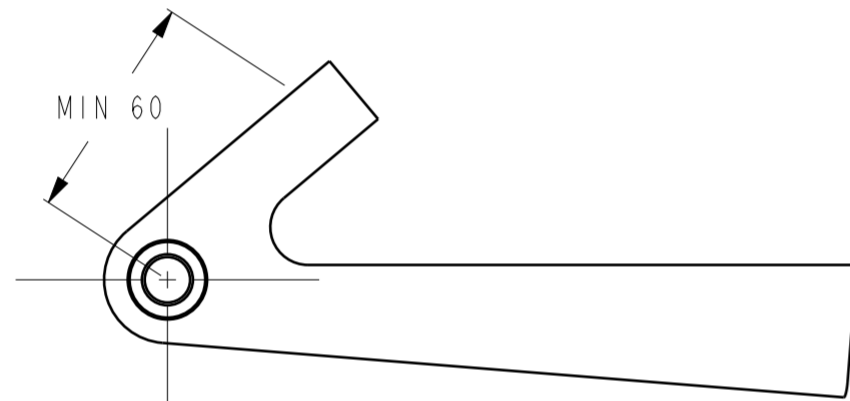


CABLE EXIT ON THE BOTTOM OF THE CHAINSTAY

REFER TO CLEARANCE MODEL 90-7518-190-070  
 FOR REQUIRED FRONT CABLE ENTRANCE CLEARANCE  
 AND FRONT CABLE ENTRANCE DUMMY 90-7518-190-090

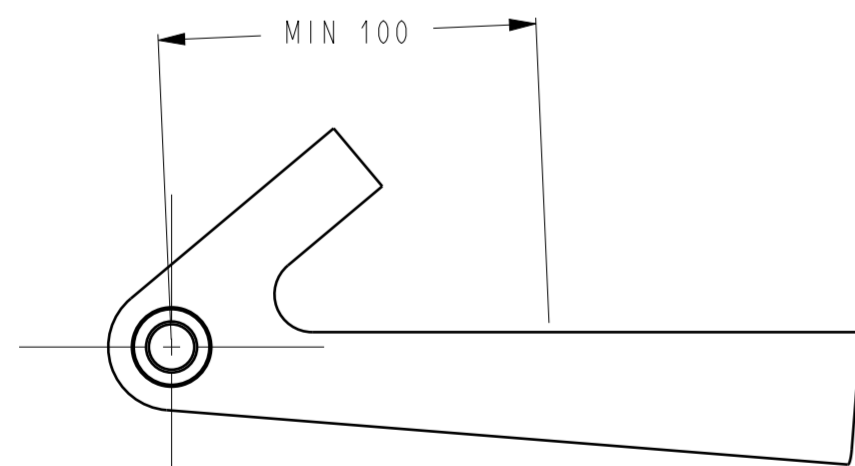


CABLE EXIT ON THE INSIDE OF THE CHAINSTAY



CABLE EXIT ON TOP OF THE SEAT STAY

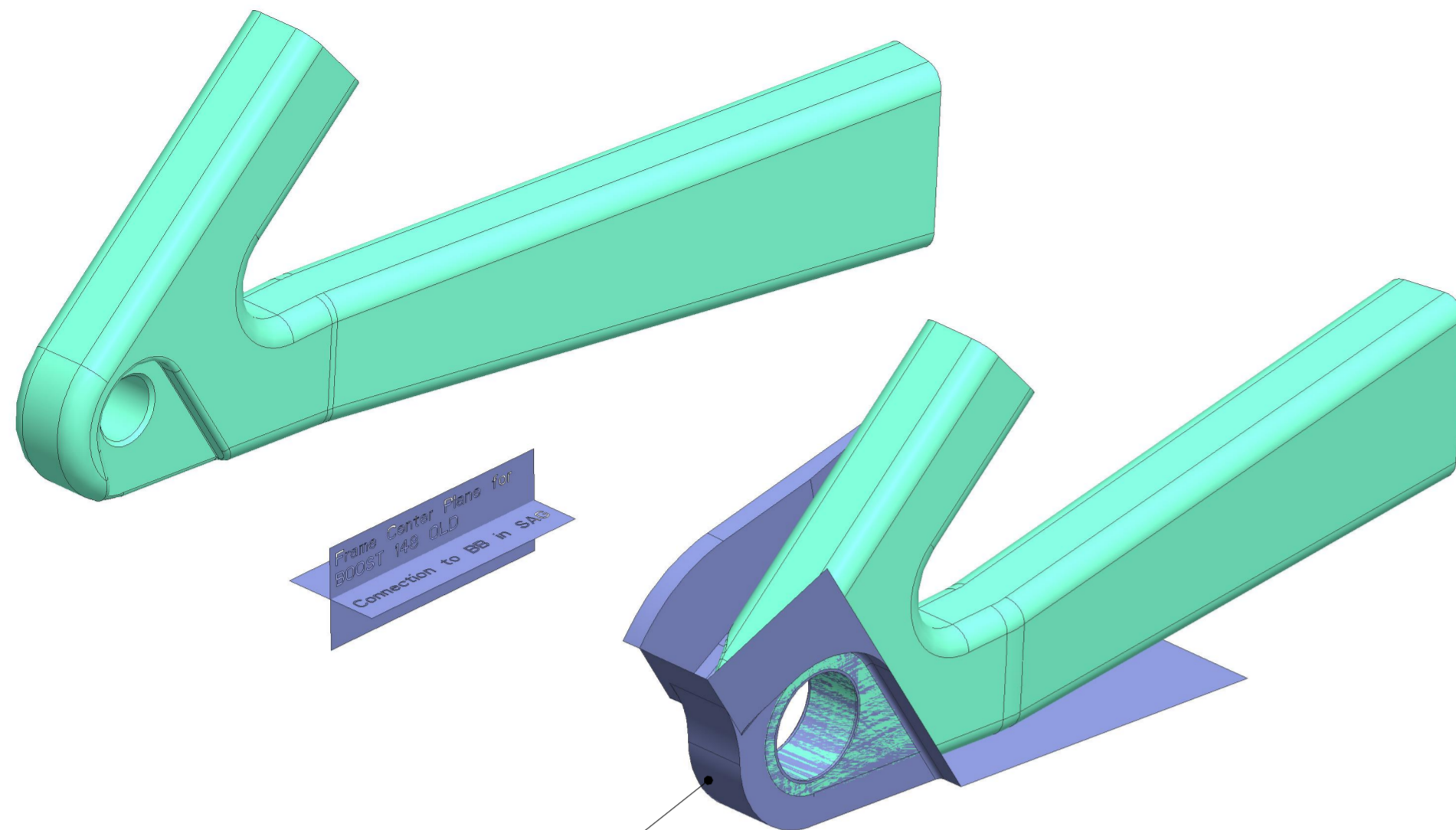
REFER TO REAR CABLE ENTRANCE DUMMY 90-7518-190-080  
 FOR REAR CABLE ENTRANCE LOCATION



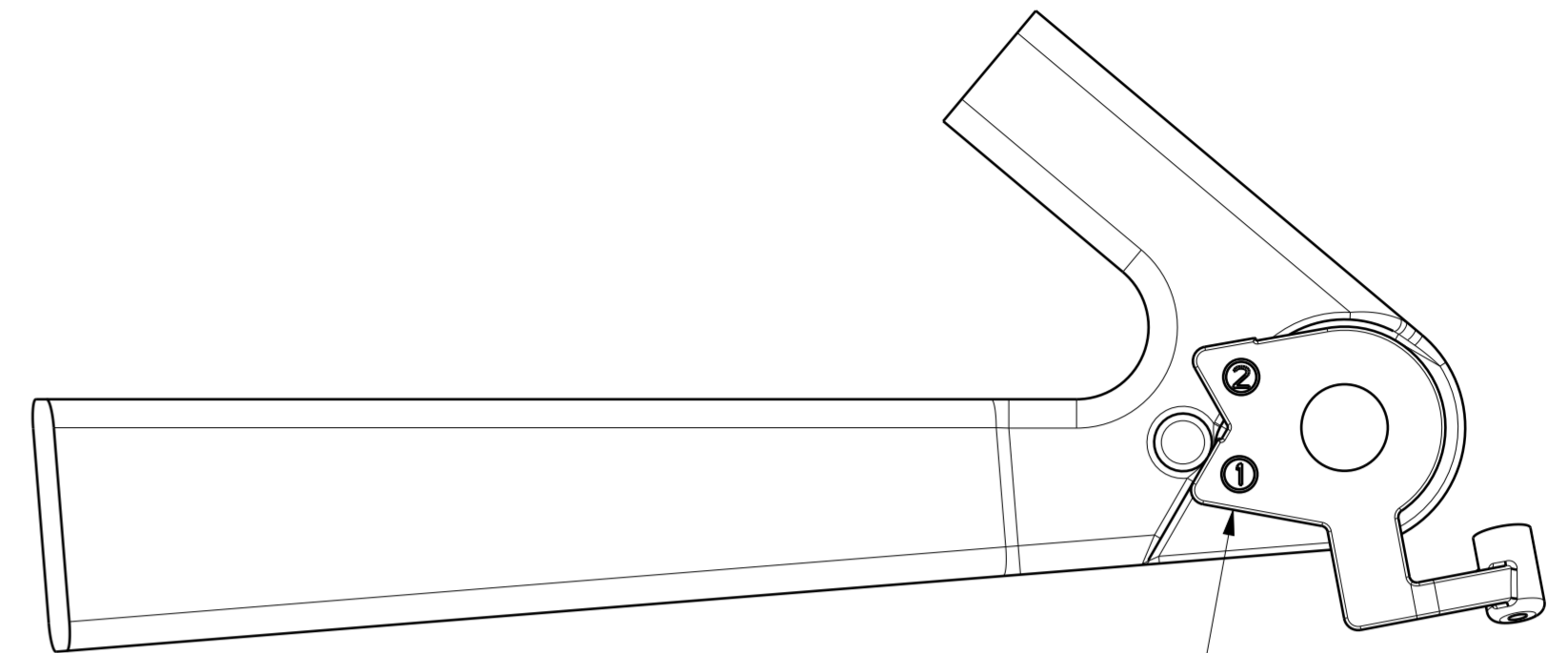
CABLE EXIT ON TOP OF THE CHAIN STAY

FORMAT: A2	SCALE: 0.500	SHEET: 4 / 6
LIFECYCLE STATUS Released	<b>SRAM</b> CONFIDENTIAL - THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SRAM CORPORATION AND MAY NOT BE DISCLOSED WITHOUT PERMISSION.	
DRAWING NAME / DESCRIPTION UDH DERAILLEUR HANGER FRAME SPEC		
DRAWING NUMBER 90-7518-190-000		VERSION E.9

PLEASE REFERENCE ALL MODELS USING THE COORDINATE SYSTEM WITH:  
 X-AXIS ALIGNED WITH HUB AXIS  
 X/Z-PLANE ALIGNED WITH END FACE OF DRIVE-SIDE HUB AXLE END CAP  
 Y-AXIS ALIGNED WITH A PLANE DEFINED BY THE HUB AXIS AND THE BOTTOM BRACKET AXIS IN THE SAG (FULL-SUSPENSION FRAMES) POSITION.

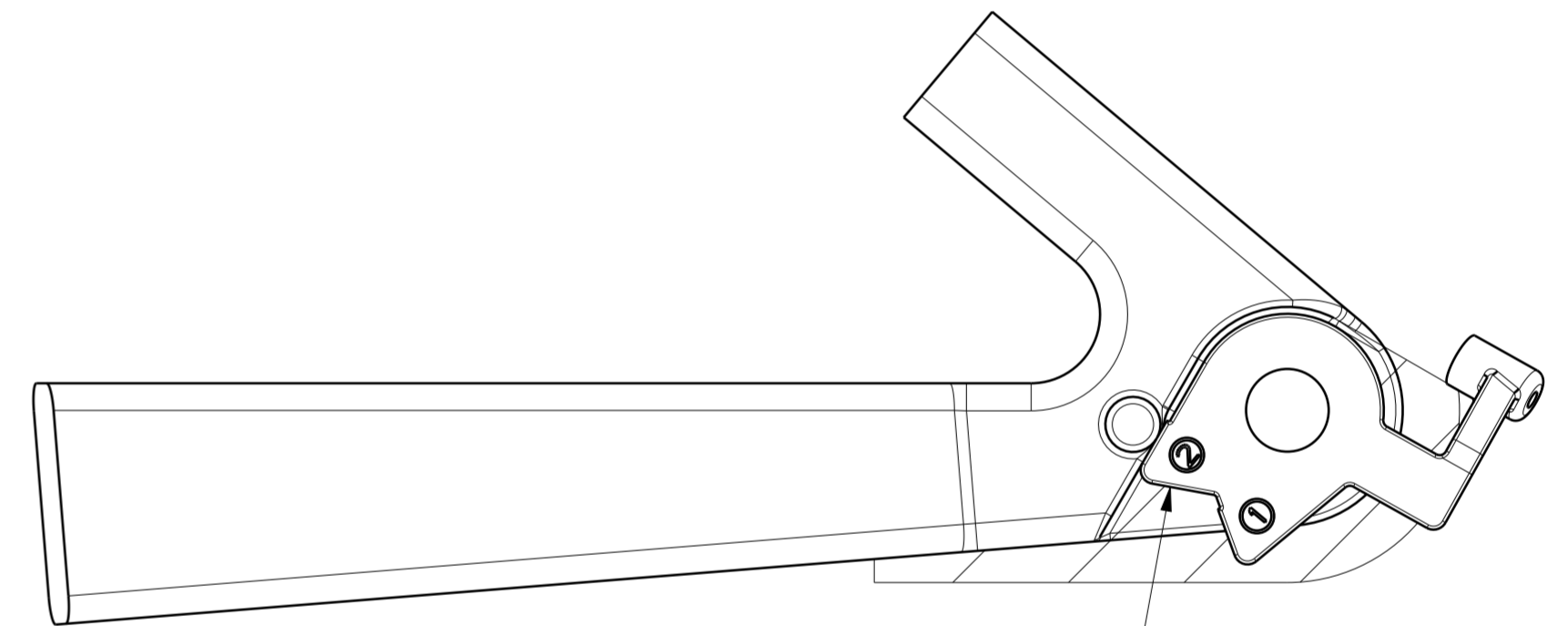


UDH/NGD FRAME CLEARANCE MODEL 90-7518-190-070



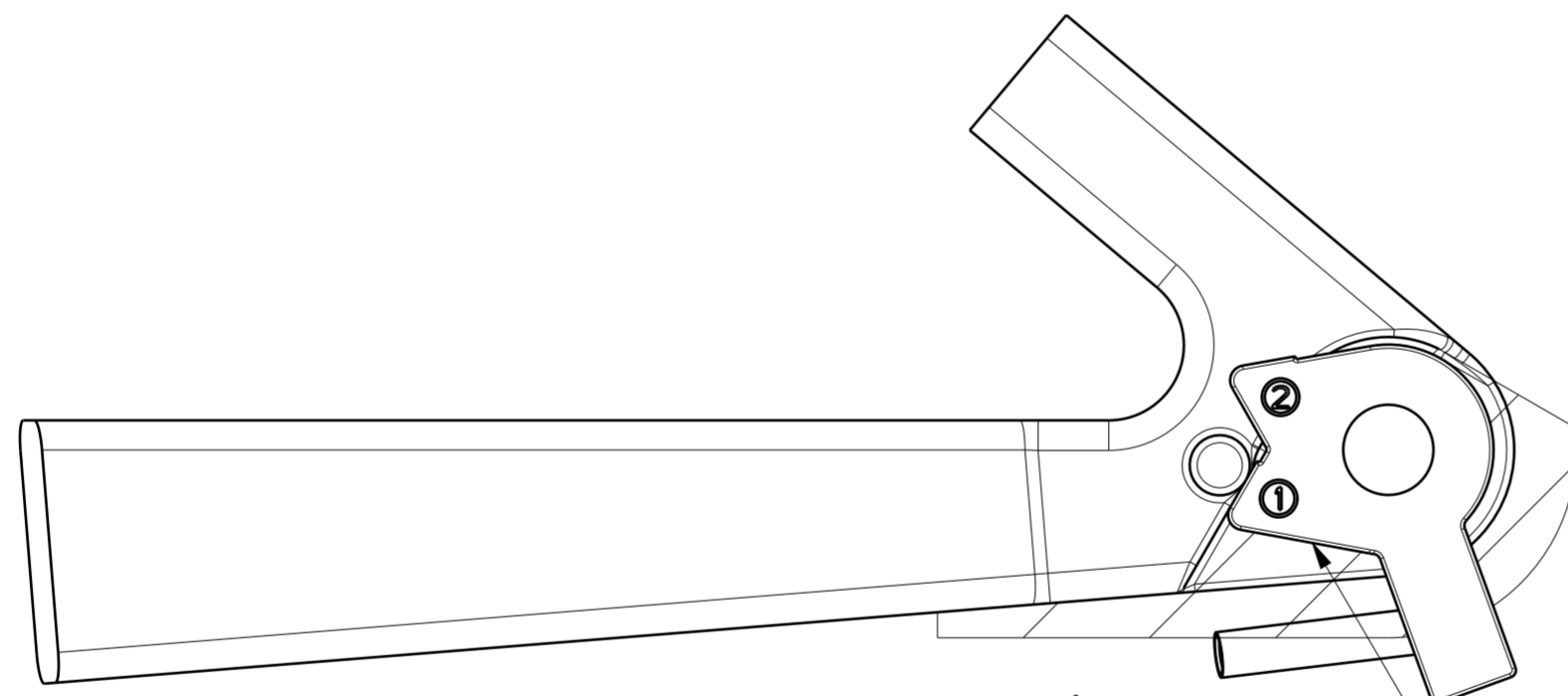
SECTION Y-Y

REAR CABLE ENTRANCE DUMMY 90-7518-190-080  
 ALIGN TO CONTACT 1 FOR OPERATIONAL STATE



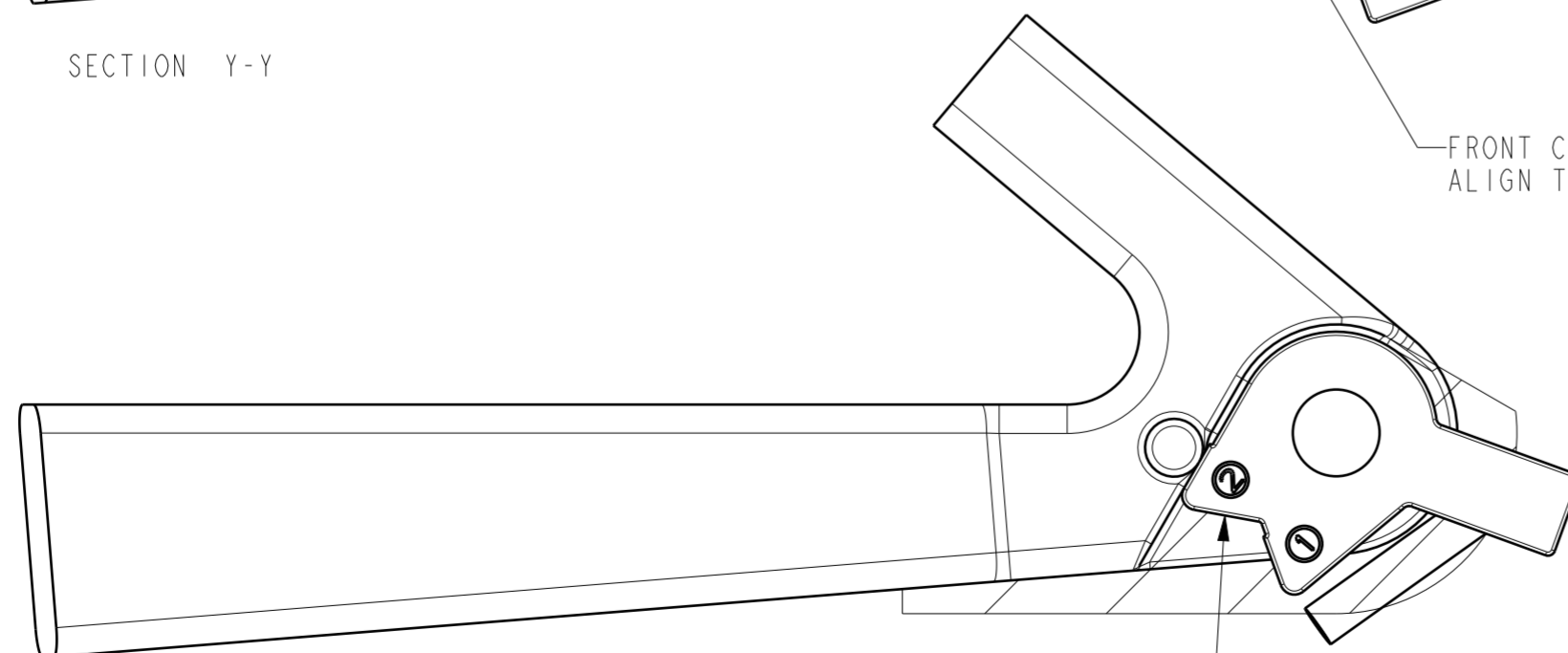
SECTION Y-Y

ALIGN TO CONTACT 2 FOR WHEEL REMOVAL STATE  
 (50 DEGREES FROM OPERATIONAL STATE)



SECTION Y-Y

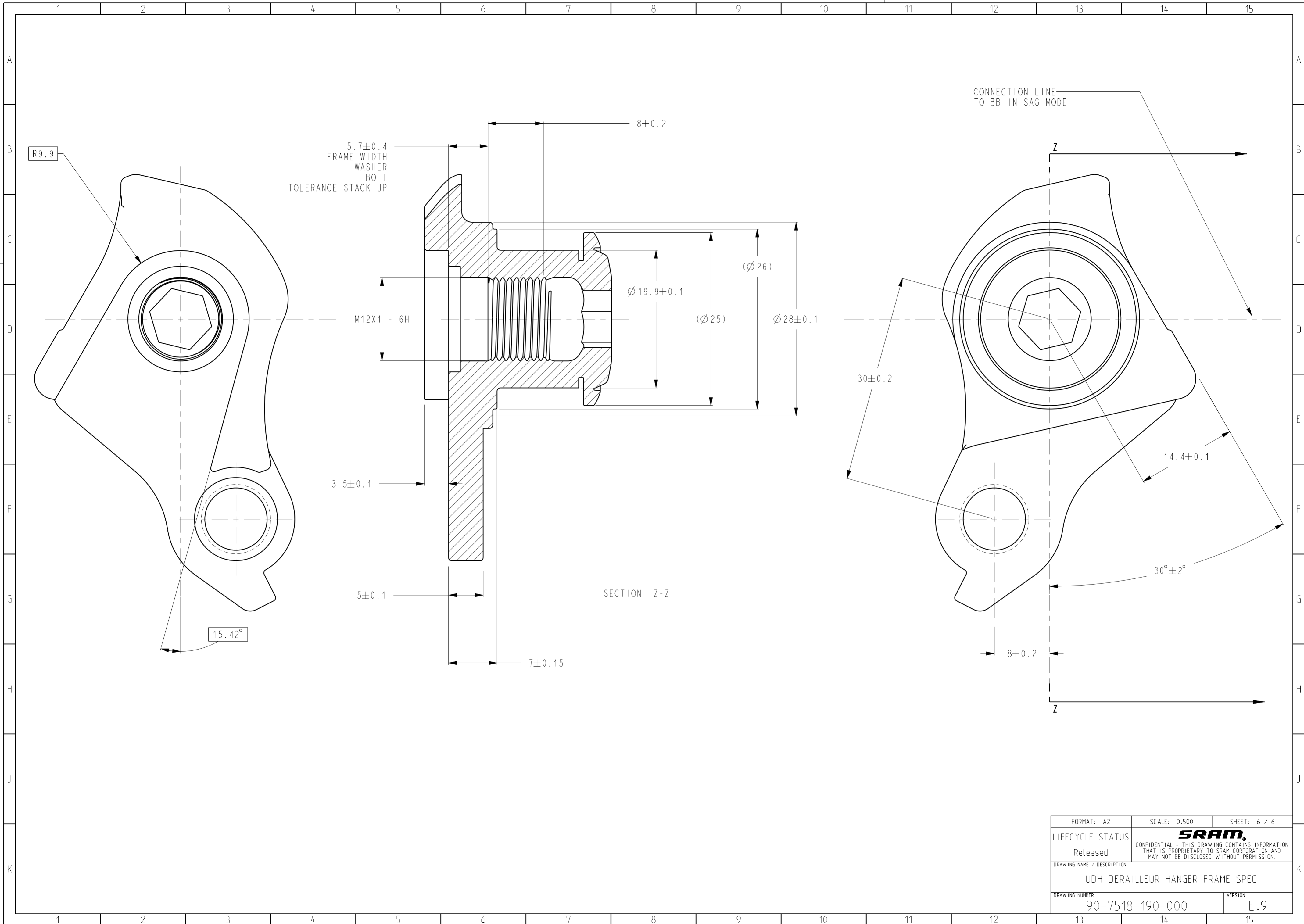
FRONT CABLE ENTRANCE DUMMY 90-7518-190-090  
 ALIGN TO CONTACT 1 FOR OPERATIONAL STATE



SECTION Y-Y

FRONT CABLE ENTRANCE DUMMY 90-7518-190-090  
 ALIGN TO CONTACT 2 FOR WHEEL REMOVAL STATE  
 (50 DEGREES FROM OPERATIONAL STATE)

FORMAT: A2	SCALE: 0.500	SHEET: 5 / 6
LIFECYCLE STATUS Released	<b>SRAM</b> CONFIDENTIAL - THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SRAM CORPORATION AND MAY NOT BE DISCLOSED WITHOUT PERMISSION.	
DRAWING NAME / DESCRIPTION UDH FRAME DUMMY		
DRAWING NUMBER 90-7518-190-000		VERSION E.9



FORMAT: A2	SCALE: 0.500	SHEET: 6 / 6
LIFECYCLE STATUS Released	<b>SRAM</b> CONFIDENTIAL - THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO SRAM CORPORATION AND MAY NOT BE DISCLOSED WITHOUT PERMISSION.	
DRAWING NAME / DESCRIPTION UDH DERAILLEUR HANGER FRAME SPEC		
DRAWING NUMBER 90-7518-190-000		VERSION E.9