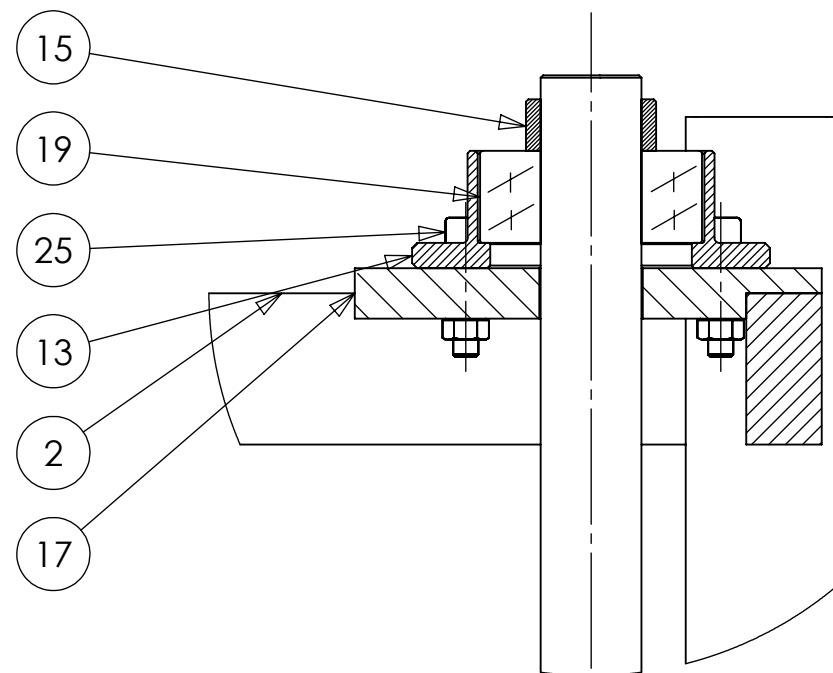
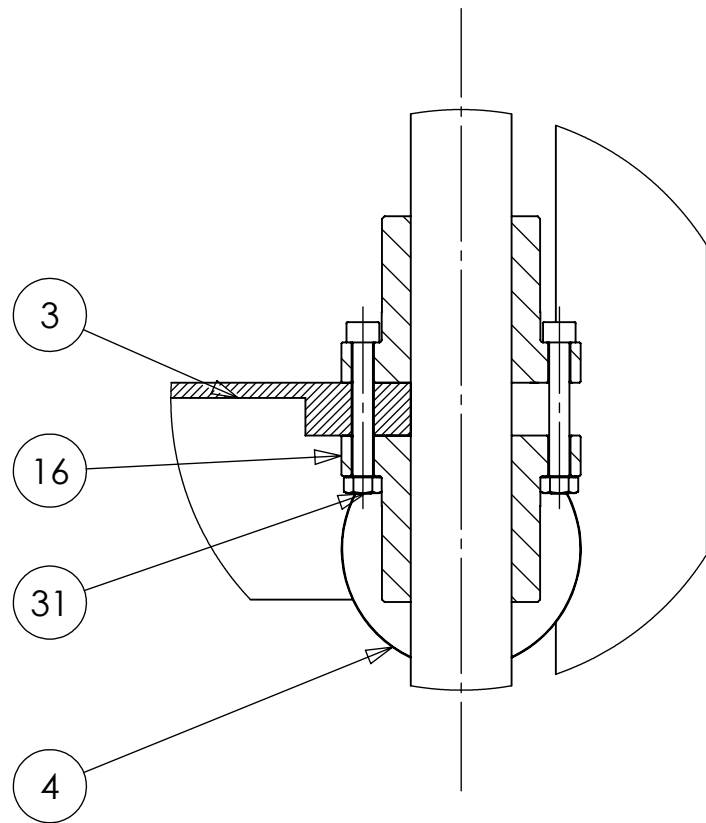


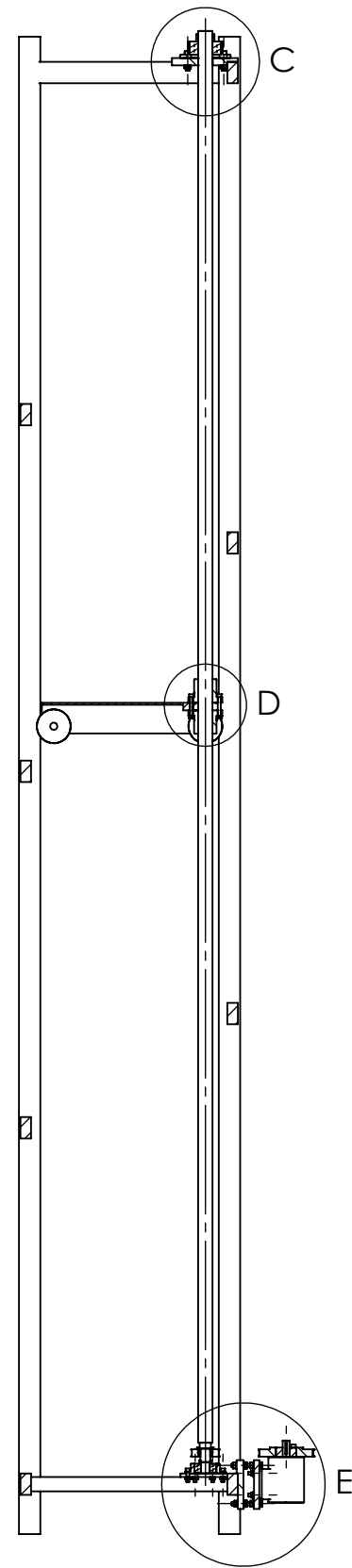
TOLERANCES		THIRD ANGLE PROJECTION		MATERIAL: STEEL		TITLE: HOIST ASSEMBLY		Imperial College London Department of Mechanical Engineering			
X	= ± 0.5	ANGULAR	±1°							ALL DIMENSIONS ARE IN MILLIMETRES	
X.X	= ± 0.1	SURFACE FINISH									
X.XX	= ± 0.02	MACHINED FACES	Ra 6.3	DWG No. ASSY/001							
NAME		DATE								A3	
DRAWN		IGOR SADALSKI		9 JUN 2021		DO NOT SCALE DRAWING					
CHECKED											
APPROVED											



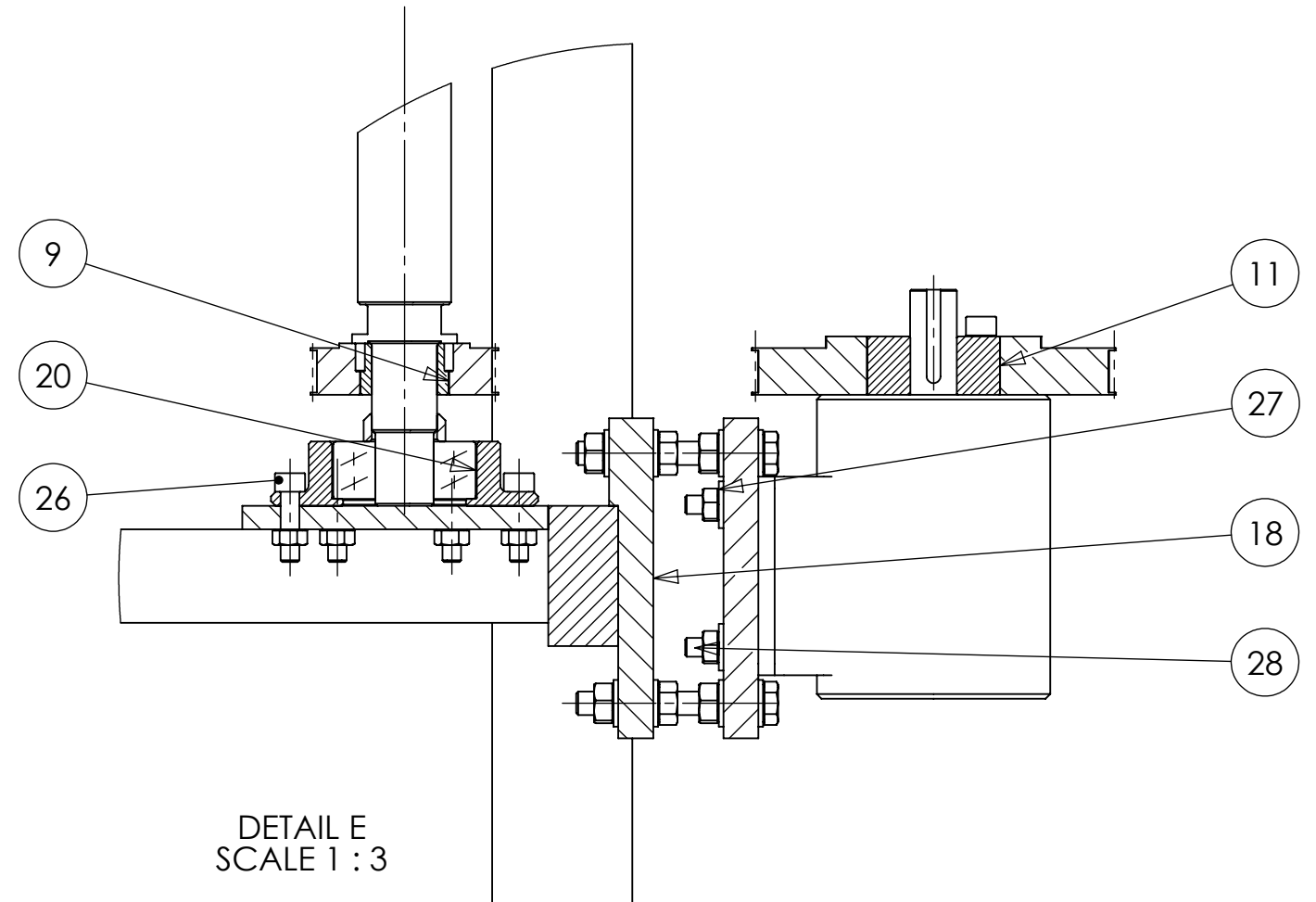
DETAIL C
SCALE 1 : 3



DETAIL D
SCALE 1 : 3



SECTION A-A



DETAIL E
SCALE 1 : 3

TOLERANCES		THIRD ANGLE PROJECTION		MATERIAL:		TITLE:	<div>Imperial College London Department of Mechanical Engineering</div>	
X	=± 0.5	ANGULAR	±1°	STEEL				
X.X	=± 0.1	SURFACE FINISH		ALL DIMENSIONS ARE IN MILLIMETRES				
X.XX	=± 0.02	MACHINED FACES	Ra 6.3					
NAME		DATE		DO NOT SCALE DRAWING				
DRAWN		IGOR SADALSKI		9 JUN 201				
CHECKED								
APPROVED								
				A3	SCALE 1:20	ASSY/001		
						SHEET 2 OF 3	REVISION 1	

		1	2		3	4		5		6		7		8	
		ITEM NO.	PART NUMBER		DESCRIPTION						QTY.				
A		1	DTP/001		SHAFT						1				
		2	DTP/002		FRAME						1				
		3	DTP/003		PLATFORM						1				
		4	DTP/004		ROLLER						4				
B		5	DTP/005		RECTANGULAR PLATE WITH 6 HOLES						1				
		6	DTP/006		FOOT MOTOR						1				
		7	DTP/007		RECTANGULAR PLATE WITH 8 HOLES						1				
		8	DTP/008		SMALL PULLEY PITCH 75						1				
		9	DTP/009		SMALL TAPER LOCK						1				
		10	DTP/010		BIG PULLEY PITCH 150						1				
C		11	DTP/011		BIG TAPER LOCK						1				
		12	DTP/012		BEARING HOUSING ID 25						1				
		13	DTP/013		BEARING HOUSING ID 40						1				
		14	DTP/014		RETAINING RING M25						1				
		15	DTP/015		RETAINING RING M40						1				
		16	DTP/016		TRAPEZOIDAL NUT M40 X 7						2				
		17	DTP/017		NON-RECTANGULAR PLATE						1				
		18	DTP/018		RECTANGULAR PLATE WITH 4 HOLES						1				
D		19	DTP/019		BEARING - ID 40 / OD 80						1				
		20	DTP/020		BEARING - ID 25 / OD 50						1				
		21	DTP/021		PLAIN WASHER M10						20				
		22	DTP/022		FULL NUTS M10						22				
		23	DTP/023		HEX HEAD SCREW M10 X 80						4				
		24	DTP/024		PLAIN WASHER M8						4				
		25	DTP/025		CAP HEAD SCREW M10 X 45						6				
E		26	DTP/026		CAP HEAD SCREW M8 X 30						6				
		27	DTP/027		FULL NUT M8						16				
		28	DTP/028		HEX HEAD SCREW M8 X 40						4				
		29	DTP/029		CAP HEAD SOCKET M8 X 12						2				
		30	DTP/030		CAP HEAD SOCKET M4 X 12						2				
		31	DTP/031		HEX HEAD SCREW M8 X 60						6				
		32	DTP/032		BELT						1				
F															