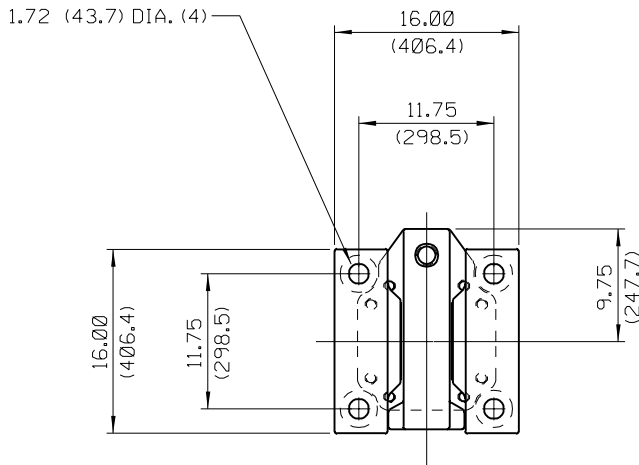


SPECIFICATIONS

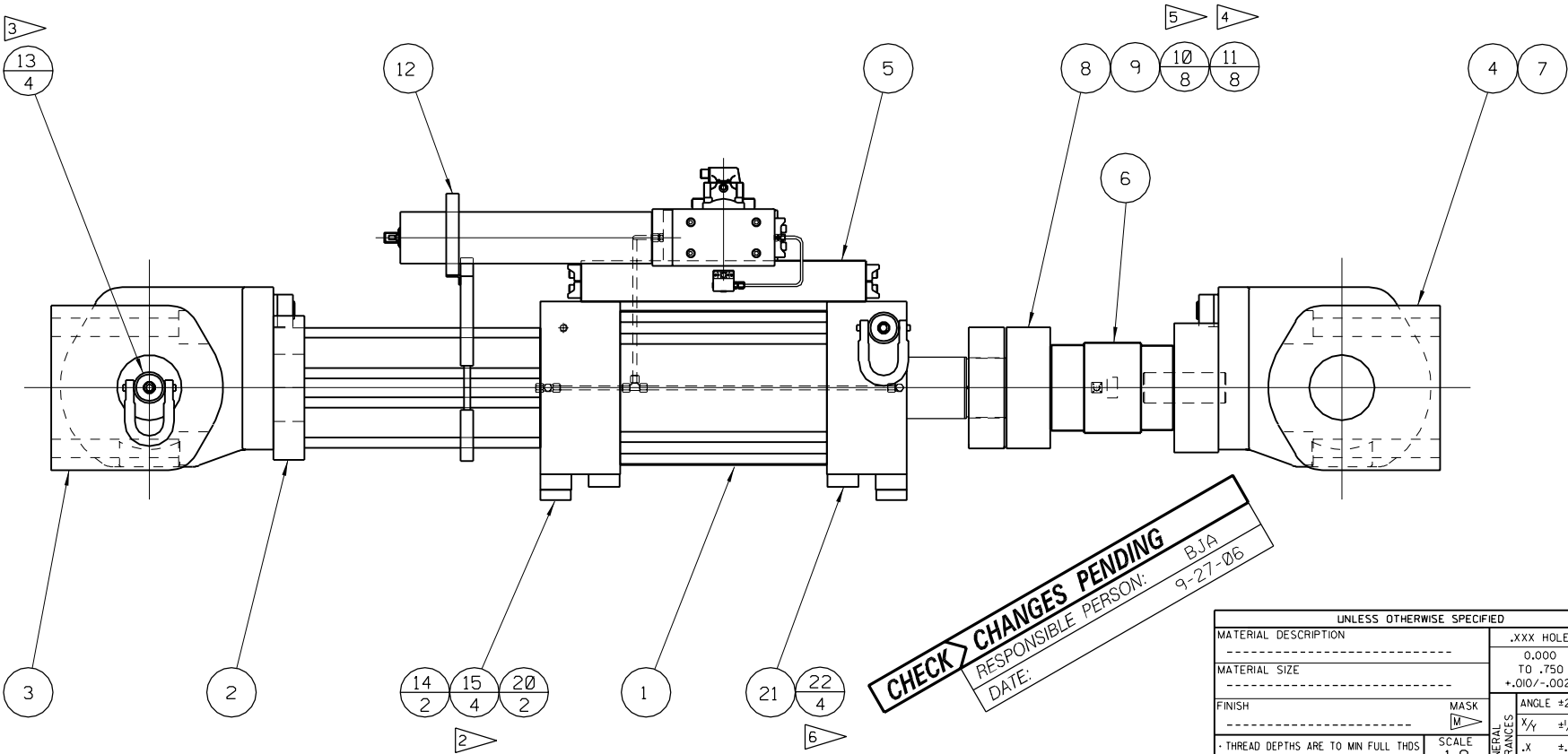
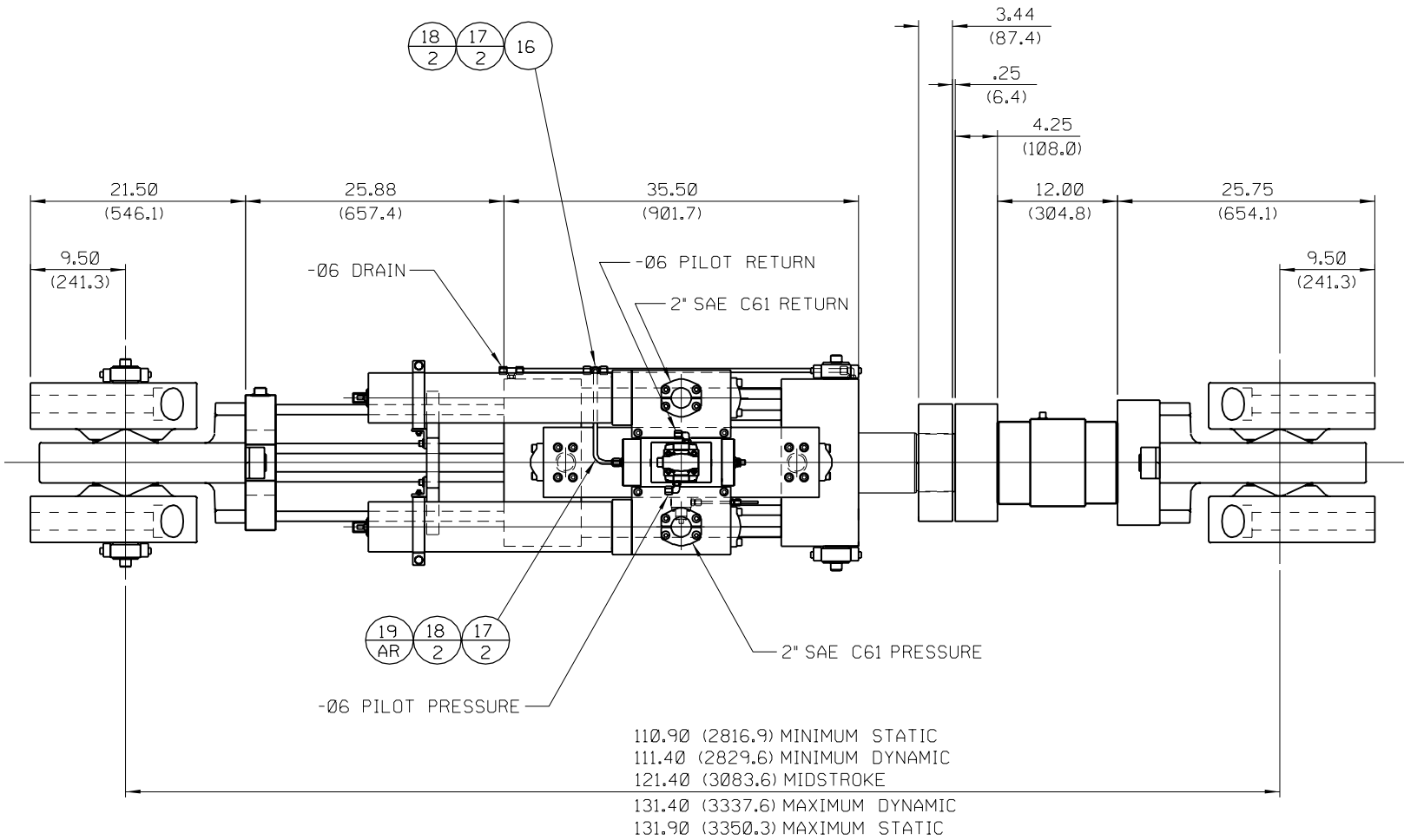
PISTON AREA: 75.60 IN. SQ. (487.7 CM SQ.)
ROD DIAMETER: 6.00 (152.4)
DYNAMIC STROKE: 20.0 (508.0)
STATIC STROKE: 21.0 (533.4)
ACTUATOR MODEL: 244.51S
STATIC FORCE RATING: 220 KIP (1000 KN)
AT 3000 PSI (207 BAR)
STATIC SYSTEM PRESSURE

NOTES:
1. DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

- 2 LUBE & TORQUE TO 34 LB-FT (47 N-M)
3 LUBE & TORQUE TO 100 LB-FT (140 N-M)
C 4 LUBE & TORQUE TO 680 LB-FT (900 N-M)
5 LUBE & TORQUE TO 760 LB-FT (1000 N-M)
6 LUBE & TORQUE TO 84 LB-FT (110 N-M)



SWIVEL MOUNTING
TYP BOTH ENDS



CHECK > CHANGES PENDING
RESPONSIBLE PERSON: BJA
DATE: 9-27-06

UNLESS OTHERWISE SPECIFIED									
MATERIAL DESCRIPTION		.XXX HOLE SIZE TOLERANCE		DRAWN	CHECK	ENGR	MFG	TITLE	
-----		0.000 TO .750 +.010/- .002		JFW	DATE	BJA	DATE		
MATERIAL SIZE		.XXX HOLE SIZE TOLERANCE		DATE	DATE	DATE	DATE	ACTUATOR ASSY-244.51S, 20" STROKE, 256.25	
FINISH		M		DATE	DATE	DATE	DATE	NEXT LEVEL	
. THREAD DEPTHS ARE TO MIN FULL THDS		SCALE		DATE	DATE	DATE	DATE	SIZE	
. DRILL DEPTHS ARE TO FULL DIA		1:8		DATE	DATE	DATE	DATE	NUMBER	
. REMOVE BURRS AND SHARP EDGES		MACHINED SURFACES		DATE	DATE	DATE	DATE	REV	
. DO NOT SCALE PRINT		.XXX ±.03		DATE	DATE	DATE	DATE	100-137-838	
MTS		.XXX ±.010		DATE	DATE	DATE	DATE	C	
MTS SYSTEMS CORPORATION		THIRD ANGLE PROJ.		DATE	DATE	DATE	DATE	SHEET 1 OF 1	
EDEN PRAIRIE, MINNESOTA U.S.A. ©		PRODUCT CODE		DATE	DATE	DATE	DATE	24451S	