



APPLY 500N
LOAD TO
THIS FACE

FIX THIS
CYLINDRICAL
FACE

R1.50 ALL
RED FILLETS

PHASE 2 NOTES:

1. BLUE DIMENSIONS REPRESENT CHANGES.
2. GREY DIMENSION ARE FOR REFERENCE AND HAVE NOT CHANGED FROM PHASE 1.

SIMULATION:

1. USE SIMULATIONXPRESS OR SOLIDWORKS SIMULATION TO ANALYZE AND DETERMINE THE FACTOR OF SAFETY OF THE PART.
2. RECORD THE FACTOR OF SAFETY FOR FOR THE PART IN THE MODEL MANIA REGISTRATION PROGRAM.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS
2. MATERIAL: PLAIN CARBON STEEL

THIRD ANGLE PROJECTION



PROPRIETARY AND CONFIDENTIAL		
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DRAWN BY:	NAME	DATE
MATERIAL:	MAS	12-30-12
	Plain Carbon Steel	

MODEL MANIA 2013
Phase 2

SCALE: 1:1

WEIGHT:

SHEET 1 OF 1