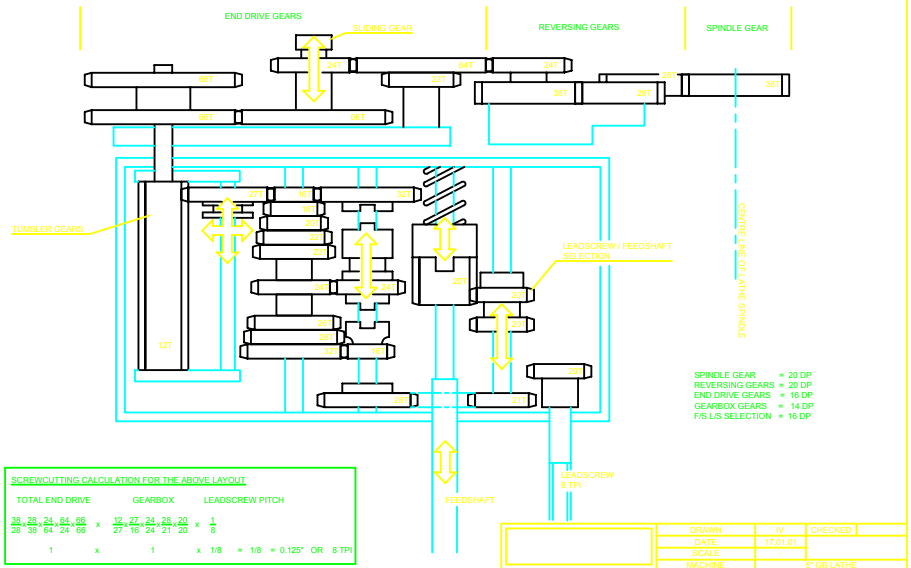
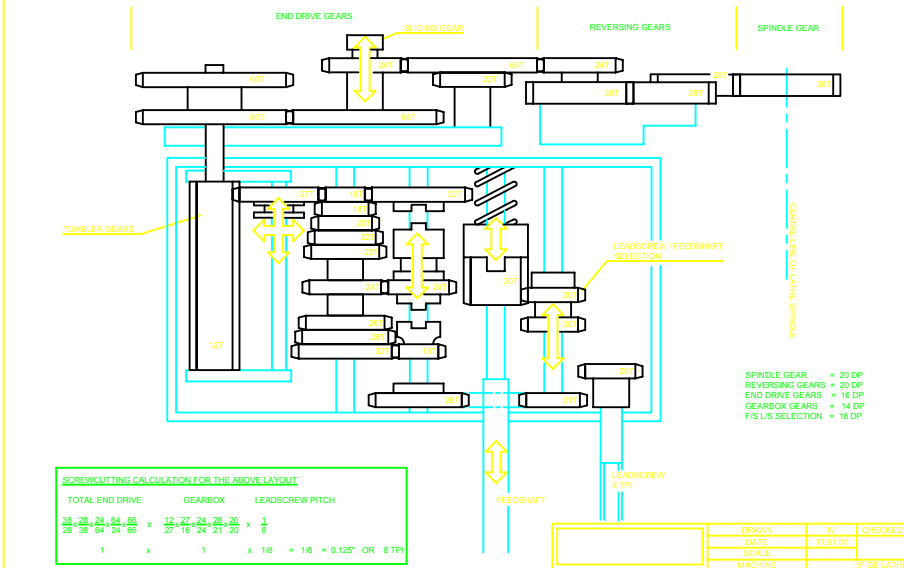

END DRIVE GEARS
SLIDING GEAR
REVERSING GEARS
SPINDLE GEAR
TUMBLER GEARS
LEADSCREW / FEEDSHAFT SELECTION
CENTRE LINE OF THE SPINDLE
FEEDSHAFT
LEADSCREW 8 TPI
SPINDLE GEAR = 20 DP
REVERSING GEARS = 20 DP
END DRIVE GEARS = 16 DP
GEARBOX GEARS = 14 DP
F/S L/S SELECTION = 16 DP
SCREWCUTTING CALCULATION FOR THE ABOVE LAYOUT
TOTAL END DRIVE
GEARBOX
LEADSCREW PITCH
38 x 28 x 24 x 64 x 66 / 28 x 38 x 64 x 24 x 66 x 12 x 27 x 24 x 28 x 20 / 27 x 16 x 24 x 21 x 20 x 1/8
1 x 1 x 1/8 = 1/8 = 0.125" OR 8 TPI
DENFORD
COMPUTERISED MACHINES AND SYSTEMS
DRAWN IV CHECKED
DATE 17.01.01
SCALE -
MACHINE 5" GB LATHE
TITLE ENGLISH GEARBOX RATIOS
DWG N°. ML115/900A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