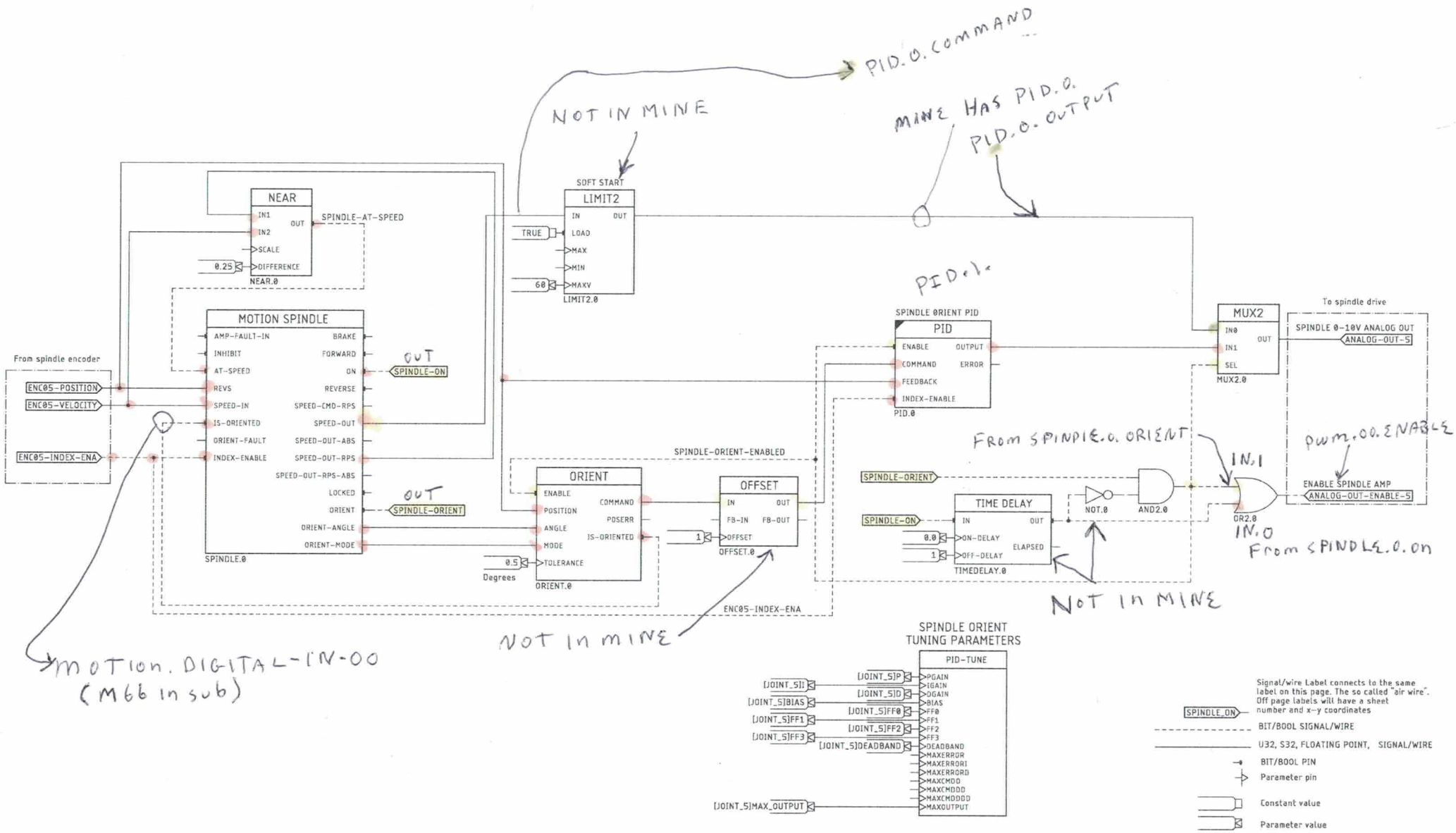
PID.0.COMMAND
NOT IN MINE
MINE HAS PID.0.
PID.0.OUTPUT
SOFT START
LIMIT2
IN
OUT
TRUE
LOAD
MAX
MIN
60
MAXV
LIMIT2.0
NEAR
IN1
IN2
OUT
SCALE
0.25
DIFFERENCE
NEAR.0
SPINDLE-AT-SPEED
MOTION SPINDLE
AMP-FAULT-IN
INHIBIT
AT-SPEED
REVS
SPEED-IN
IS-ORIENTED
ORIENT-FAULT
INDEX-ENABLE
BRAKE
FORWARD
ON
REVERSE
SPEED-CMD-RPS
SPEED-OUT
SPEED-OUT-ABS
SPEED-OUT-RPS
SPEED-OUT-RPS-ABS
LOCKED
ORIENT
ORIENT-ANGLE
ORIENT-MODE
SPINDLE.0
OUT
SPINDLE-ON
OUT
SPINDLE-ORIENT
From spindle encoder
ENC0S-POSITION
ENC0S-VELOCITY
ENC0S-INDEX-ENA
SPINDLE-ORIENT-ENABLED
ORIENT
ENABLE
POSITION
ANGLE
MODE
TOLERANCE
COMMAND
POSERR
IS-ORIENTED
0.5
Degrees
ORIENT.0
OFFSET
IN
OUT
FB-IN
FB-OUT
1
OFFSET
OFFSET.0
ENC0S-INDEX-ENA
NOT IN MINE
MOTION.DIGITAL-IN-00
(M66 in sub)
PID.0.
SPINDLE ORIENT PID
PID
ENABLE
COMMAND
FEEDBACK
INDEX-ENABLE
OUTPUT
ERROR
PID.0
MUX2
IN0
IN1
SEL
OUT
MUX2.0
To spindle drive
SPINDLE 0-10V ANALOG OUT
ANALOG-OUT-5
FROM SPINDLE.0.ORIENT
IN.1
pwm.00.ENABLE
ENABLE SPINDLE AMP
ANALOG-OUT-ENABLE-5
SPINDLE-ORIENT
SPINDLE-ON
TIME DELAY
IN
OUT
ON-DELAY
OFF-DELAY
ELAPSED
0.0
1
TIMEDELAY.0
NOT.0
AND2.0
OR2.0
IN.0
From SPINDLE.0.on
NOT IN MINE
SPINDLE ORIENT
TUNING PARAMETERS
PID-TUNE
[JOINT_5]P
[JOINT_5]I
[JOINT_5]D
[JOINT_5]BIAS
[JOINT_5]FF0
[JOINT_5]FF1
[JOINT_5]FF2
[JOINT_5]FF3
[JOINT_5]DEADBAND
[JOINT_5]MAX_OUTPUT
PGAIN
IGAIN
DGAIN
BIAS
FF0
FF1
FF2
FF3
DEADBAND
MAXERROR
MAXERRORI
MAXERRORD
MAXCMDD
MAXCMDDD
MAXCMDDDD
MAXOUTPUT
Signal/wire Label connects to the same label on this page. The so called "air wire". Off page labels will have a sheet number and x-y coordinates
SPINDLE_ON
BIT/BOOL SIGNAL/WIRE
U32, S32, FLOATING POINT, SIGNAL/WIRE
BIT/BOOL PIN
Parameter pin
Constant value
Parameter value