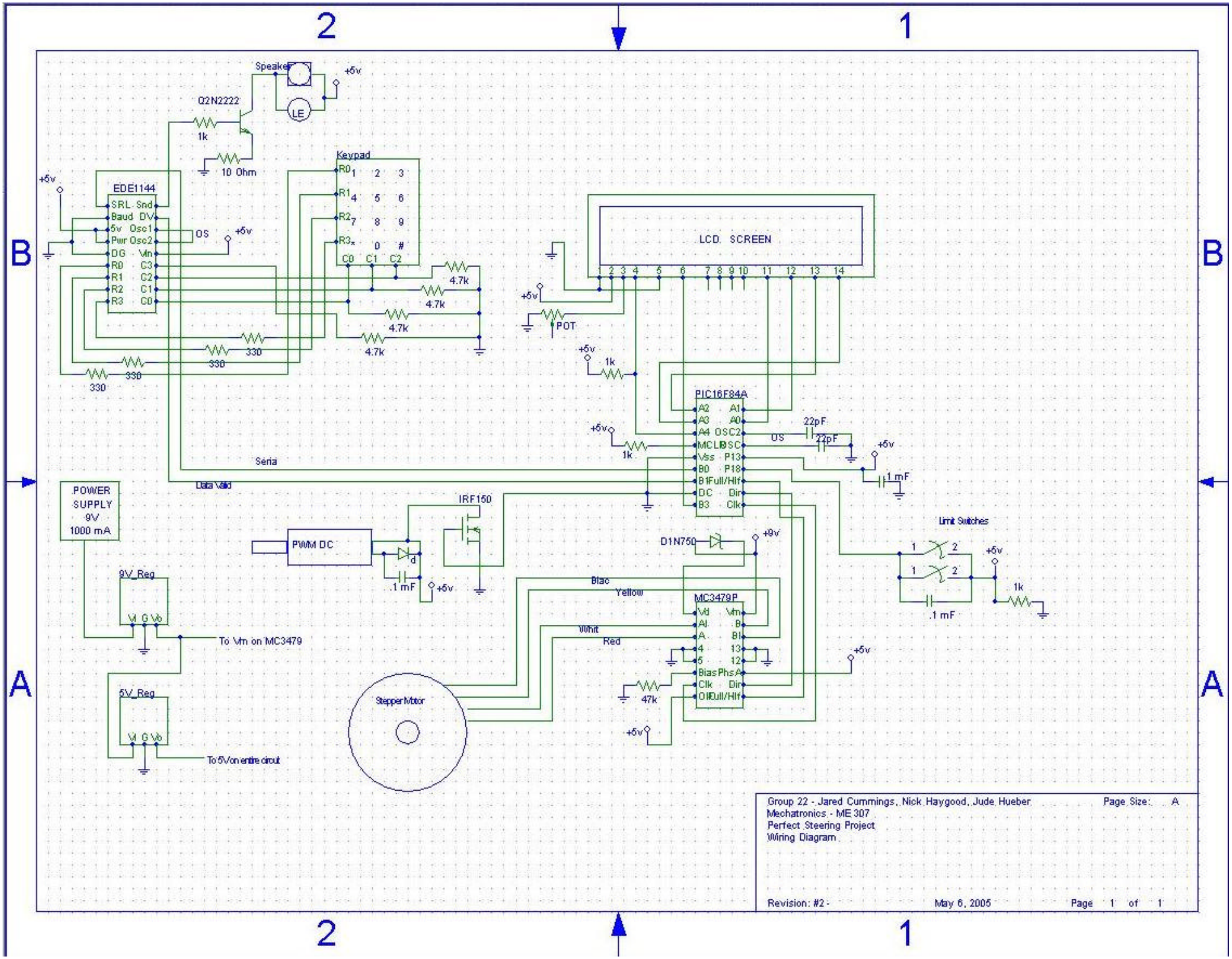
Speaker
+5v
Q2N2222
1k
10 Ohm
LE
Keypad
R0
R1
R2
R3
C0 C1 C2
EDE1144
SRL Snd
Baud DV
5v Osc1
Pwr Osc2
DG Vin
R0 C3
R1 C2
R2 C1
R3 C0
OS
4.7k
330
LCD SCREEN
POT
PIC16F84A
A2 A1
A3 A0
A4 OSC2
MCLR OSC
Vss P13
B0 P18
B1 Full/Hlf
DC Dir
B3 Clk
22pF
1 mF
Seria
Data Valid
POWER SUPPLY 9V 1000 mA
IRF150
PWM DC
.1 mF
D1N750
+9v
Limit Switches
9V_Reg
Vi G Vo
To Vm on MC3479
5V_Reg
To 5V on entire circuit
Blac
Yellow
White
Red
MC3479P
Vd Vm
Al B
A Bl
4 13
5 12
Bias Phs A
Clk Dir
Off Full/Hlf
47k
StepperMotor
Group 22 - Jared Cummings, Nick Haygood, Jude Hueber
Mechatronics - ME 307
Perfect Steering Project
Wiring Diagram
Page Size: A
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May 6, 2005
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