Motor speed control board Transitor design

1	Load 742575	25	X 7	= 175
	74153	36	x 2	72
	74 LS 193	52	/	52
	74 6586	24		24
	746500	10	1	10
	555	25)	2-5
	75 446	15 ma	× 1	15
	7415123	36	** Option and the state of the	36
	746504	10	2	20
	74 LS154	27	1	27
				456 ma
2	Supply V=5V			
3	Transistor 2N2907A hFE = 30			
4	Series resistor - don	treed		
5-6				
7	Collector carrent : 460 ma			
8	Base carrent IB = 2 1c - 16x2 - 1030 Amp			
9	Base resistor $R_B = \frac{V_i - V_B E}{I_B}$			
	= 57 1430			
	1-+1/ .030			
	150 st Byc on Motor speed control board			
	LINE .			
	. +5 V			