

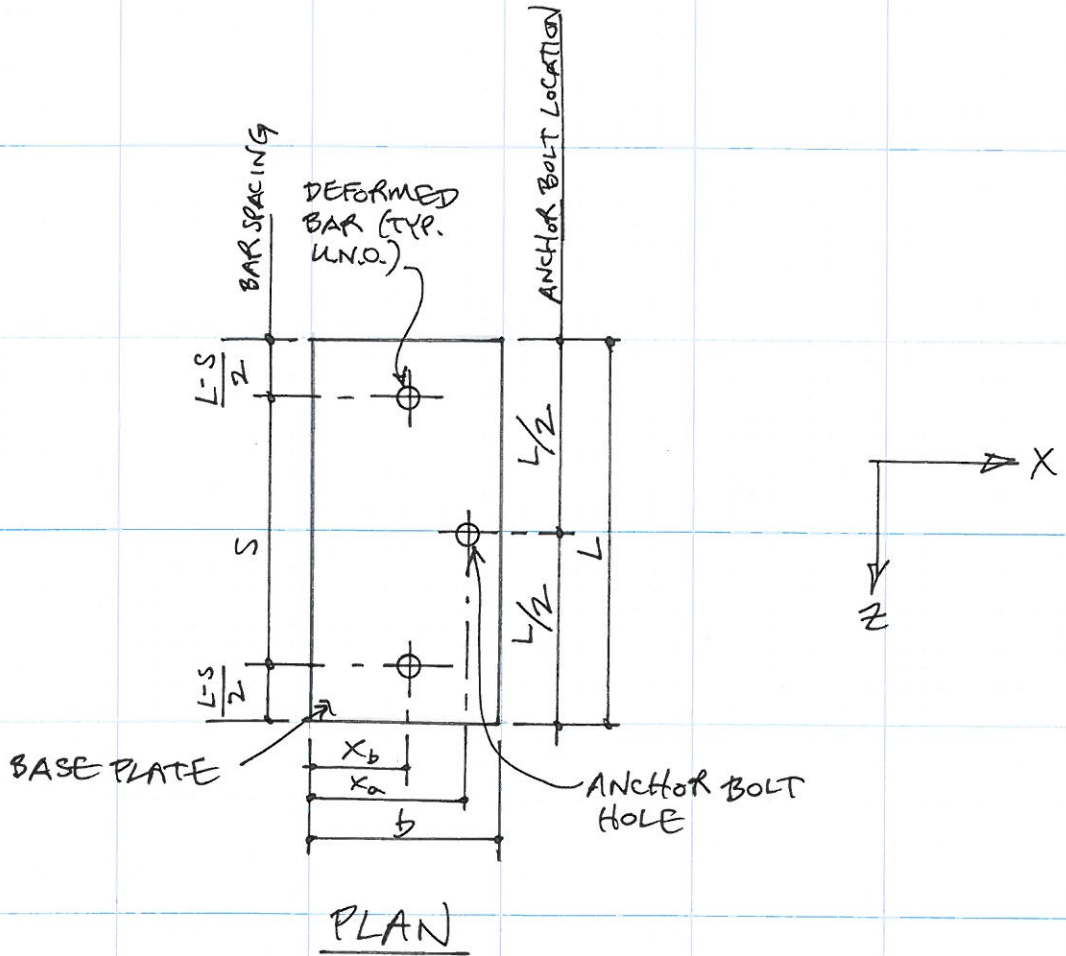
Check Development Length of Bars

SDC	F
Ψ_t	1.00
Ψ_e	1.00
λ	1.00
l_d [in]	24.00
l'_d [in]	9.00
l_d [in]	24.00
min. clear spacing [in]	1.00
min. clear cover [in]	0.50

seismic design category (A,B,C,D,E, or F)
 (ACI 318-08, 12.2.4(a))
 (ACI 318-08, 12.2.4(b))
 (ACI 318-08, 12.2.4(d))
 development length to yield (ACI 318-08, 12.2.2, no stirrups or ties)
 development length when yielding not req'd (ACI 318-08, 12.2.5)
 minimum req'd development length of deformed bars
 (ACI 318-08, 12.2.2)
 (ACI 318-08, 12.2.2)

Results:

Steel Base Plate:		Deformed Bars:	
f_y	50 ksi	f_y	70.0 ksi
t	0.750 in	d_b	0.5 in
b	5 in	n	2.0 bars
L	10 in	s	6.0 in
		l_d	24.0 in
		<i>min. clear spacing</i>	1.0 in
		<i>min. clear cover</i>	0.5 in



PLAN

