asonry Strength Design	JOB: MASONRY - STR Desyn
	SHEET NO.: OF
	CALCULATED BY: DATE:
	CHECKED BY: DATE:
	SCALE: Out - of - Plane
	b + 15m
té 0.85m 0 t	bus
A Property	
c	4 4
1 / + < + +	E-GW RM /h/2
11/	(P)
You	
Ες	Z Cm J-e C
+' min / +i a	d-e-
t's = min (t) a) a = 0.8 <	
Yew = (0, a-ts)	
$\mathcal{E}_{S} = \frac{\mathcal{E}_{M}}{\mathcal{E}} \times (d - \mathcal{E}) = \mathcal{P} + \mathcal{E}_{S}$	5 - (Es =) ty)
Co = 0.8 f'mx yewx be xes	1/2 /4/2
$T = \mathcal{L}_s A_s$, = ½ - d
$\xi F = 0$ $P = C_1 + C_0 + T$	
EM = OM = C.X + CX	
e Wz	(15)
e m = 0 M = Cf Xcf + Cw Xc e N/2 e = m (design eccent	(icity)
For out - of - Pluc localing	=13 ez > 1.5 Ey

	Masonry Strength Design	JOB:
		SHEET NO.: OF
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		SCALE: out -of Plan
		SCALE:
	P-D Method	
CONTRACTOR OF THE PERSON OF TH		
	Proposties	
NAME OF TAXABLE PARTY.	201	
	-6105	Elwis h
THE REAL PROPERTY.	3	The state of the s
	Is = ow web bxts	
	3 12 1	owep
	7 7 27	
-	+ 2x(6xtc)x(4/2-t/2)2]	
		lulus of rupture See Cale MSJC
	Mc = fr x 2 to fr mod	766 31.5.2.1)
		31.0.60
1,-	Cracked	
parent of	tr = min(tr, c)	
	1600 = mu(0, C-25) ts]	
	3	
	Iq = bw x / (Yan x bw) (Yews) 2	11
	12 2 20 2	*
	$+ \frac{1}{12} + \frac{3}{12} + \frac{1}{12} + \frac{3}{12} + \frac{1}{12} + \frac{3}{12} + \frac{3}{12$	
	+ (tfox 6) (c-tfo/2)	
	760	12223
	+ n Asex (d-c) 2	CnAse
		Aso = Pu + Asfy help resist
		y use yell
		Full PL
	- Lancing Comment of the second secon	

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Petlection for Sim	-ole span
8 = 5 Mer H2 + 5 (M.	1ser - Mer) H2
	48 = 1 = 7
Convergace = S: Sp.	Previous 400 £ 56/
	*100 - > /0
W .	
Emay service loads = 0.	-007+1
- Amplified moment	Ray 11,54
M= May + Psox = + Pol/se/Lx = + P	
7 7	340 =
9 CCEN	The state of the s
/ Self wt. @midHt of 1	The state of the s
Monert du to leteral local.	Ls /
	Rent. Masory
-> Iterate deflection until	Hallmale E. 61
Convergence is < 50%	then book Fig 6.1 Shows 2/30 but
	I Sec VI A
Then can find regularly eccurred	city of soction uses 1/2
o - Mua	
e, = Mua Dongare TPu Iteral Total rejul boal 'until	this to design eccentrictly te location of N.A. (c) regid = design eccentrictly.
Grand La l'until	1 = location of N. H. (-)
1000	Cey of Comments

asonry Strength Design	JOB:
	SHEET NO.: OF
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Cheeks .	
Shear \$ =0.8	
shear 9-0.8	
b V = (Vn+0s) b	\$ \(\frac{1}{2} \) \(1
$V_{\Lambda} = M_{\Lambda} \times \begin{cases} 6 & \Lambda \wedge \sqrt{4} \\ 4 & \Lambda & \sqrt{4} \end{cases}$	V. 50,25)
Vn = max 3	* Intopolite
C 4 A 1 2 '~	7 3 10)
Vm = /4 - 175/AVA	Jain + 0,25 Pa /M Max = 1.0)
	V (V)
(40)	
V = 0.5 x (40) fy du	
Axal & Moment 9AB	0.9
Fa = 5 0.25'm	530
1 0.05 A'm th	7 39
62 > 8	
Bas Pa > Ph Fas Ma > Mu	
Puctility = Steel Steen Es	> 1.5 Ey
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