WHE-PAGER PHA	SE 2: DEVELOPMENT OF ANALYTICAL SEISMIC VULNERABILITY FUNCTIONS
Author:	Durgesh Rai
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Structure type (describe as broadly as possible):	Unreinforced clay brick masonry building with lintel bands and concrete slab
Geographic or other limitations:	North India, modern brick building construction following Indian Standard IS4326
	Add rows as desired
	Basic pushover curve for this structure type
Pushover X-axis:	Sd(cm) Choose spectral displacement (Sd), inches; or Roof displacement (Deltar), inches. Change and state units if desired.
Pushover Y-axis:	Sa(g) Choose spectra acceleration (Sa), g; or base shear (V), kip. Change and state units if desired.
Elastic damping ratio:	0.09 Small-amplitude damping ratio, fraction of critical
1st mode participation factor:	1.4 PFfR; generally 1.3 to 1.5; same as (effective height)/(total roof height) (Assumed)
Effective mass coefficient: Building weight:	0.75 alpha1; generally 0.7 to 0.8 (Assumed) 28.4 kN W, kip. Change and state units if desired
How were these values & pushover points derived?	Based on experiemntal static pushover test conducted on half-scaled masonry building at IIT Roorkee
How were triese values & pushover points derived?	(Ref: Agrawal, P (2000). "Experiemntal Study of Strengtheining and Retrofitting Measures in Masonry
	Buildings", PhD Thesis, Dept. of Earthquake Engineering, IIT Roorkee. Add rows as desired
Pushover curve control poin	
(	0 0 Control point for plotting purposes
	0.6 0.9 E.g., yield point?
:	1.3 1.2 Max. E.g., ultimate point?
:	1.9 1 Ult. E.g., beginning of lower plateau?
	Add rows as desired
Ontional: u	oper and lower-bound range of pushover curves for this structure type
	tings of this type would have pushover curve inside the area bounded between this curve and the Y-axis?
Author's meaning of "upper bound":	
How were these values & pushover points derived?	
	Add rows as desired
	Optional upper-bound pushover curve
Pushover curve control poin	X Y Damping Comment Control point for plotting purposes
	E.g., yield point?
	E.g., ultimate point?
	E.g., beginning of lower plateau?
	Add rows as desired
Lower-bound pushover curve, e.g., 99 out of 100 buil	
Author's meaning of "lower bound":	Add rows as desired
	Add rows as desired
Author's meaning of "lower bound":	Add rows as desired
Author's meaning of "lower bound":	Add rows as desired
Author's meaning of "lower bound": How were these values & pushover points derived?	Add rows as desired Optional tower-bound pushover curve
Author's meaning of "lower bound":	Add rows as desired Coptional lower-bound pushover curve X Y Damping Comment
Author's meaning of "lower bound": How were these values & pushover points derived?	Add rows as desired Optional lower-bound pushover curve X Y Damping Comment 0 0
Author's meaning of "lower bound": How were these values & pushover points derived?	Add rows as desired Coptional lower-bound pushover curve X Y Damping Comment O O Eg., yield point?
Author's meaning of "lower bound": How were these values & pushover points derived?	Add rows as desired Optional lower-bound pushover curve X Y Damping Comment O O Eq., yield point? E.G., yield point? E.G., yield point?
Author's meaning of "lower bound": How were these values & pushover points derived?	Add rows as desired Coptional lower-bound pushover curve X Y Damping Comment O O E.g., vibral point? E.g.,
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Author's meaning of "lower bound": How were these values & pushover points derived?	Add rows as desired Coptional lower-bound pushover curve X Y Damping Comment O O E.g., vibral point? E.g.,
Author's meaning of "lower bound": How were these values & pushover points derived?	Add rows as desired  Control point for plotting purposes  Control point?  E.g., vibit point?  E.g., ubtinabe point?  Control point for plotting purposes  Control point for plotting purposes  Control point of lower plateau?  Add rows as desired  Other requested parameters  median drift (in same units as pushower Xexis) associated with complete structural damage, i.e., drift with 50% chance
Author's meaning of 'lower bound': How were these values & pushover points derived? Pushover curve control point	Add rows as desired Control point for plotting purposes E.g., yield point? E.g., vield point? E.g., bedapriner Control point? E.g., bedapriner Control cover plateau? Add rows as desired Other requested parameters

 Side
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