

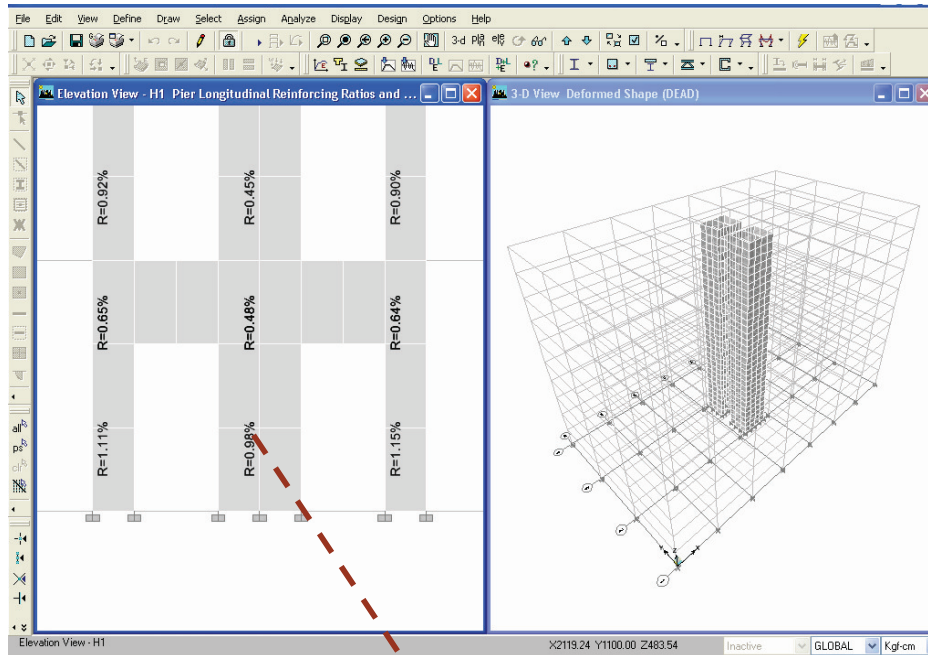


Activate the left window, click on  button and select "H1". Click on *Rubber Band Zoom* button  to zoom elevation view at shear wall location. Right click on the pier to view the design details.



Uniform Reinforcing Pier Section - Design (ACI 318-02)

Story ID: STORY1 Pier ID: P3 X Loc: 2100 Y Loc: 1100 Units: Kgf-cm

Flexural Design for P-M2-M3 (RLLF = 0.707)

Station Location	Required Reinf Ratio	Current Reinf Ratio	Flexural Combo	Pu	M2u	M3u	Pier Ag
Top	0.0048	0.0039	DWAL38	-22993.321	81900.321	4446.201	2000.008
Bottom	0.0098	0.0039	DWAL38	-58722.525	-70352.533	-3099.270	2000.008

Shear Design

Station Location	Rebar cm ² /m	Shear Combo	Pu	Mu	Vu	Capacity phi Vc	Capacity phi Vn
Top Leg 1	5.000	DWAL17	56736.777	-1137.759	645.420	9858.618	21658.618
Bot Leg 1	5.000	DWAL15	82657.112	2243014.947	17254.643	9858.618	21658.618

Boundary Element Check

Station Location	B-Zone Length	B-Zone Combo	Pu	Mu	Vu	Pu/Po
Top Leg 1	Not Needed	DWAL21	105352.856	2860.699	-12.982	0.2370
Bot Leg 1	15.000	DWAL38	-58722.525	-3099.270	-107.656	-0.1218

Buttons:

Reinforcement Details in Pier

