

## Tasks and Schedule for Completion

The gravity loads will first be rechecked and verified for accuracy before applying them to the redesign of the structure. Member checks in previous technical reports proved there to be a discrepancy in the assumptions for the preliminary analysis and the original design. After the gravity loads are confirmed, they will be translated into the appropriate allowable loads used in tables for manufactured products, the Empirical Design of the masonry walls and the design of the concrete retaining walls and slab in the garage of the first alternate system.

The two alternate systems will be designed with hand calculations and using a spreadsheet for simplicity. After the members are chosen and checked, it will be determined if the current masonry towers will be the most appropriate lateral load resisting elements for these structures.

A good deal of research will be required for the interior acoustical and building envelope analyses due to a limited amount of study in these fields. At the completion of these studies, the two systems will be compared using the results along with other information on the appropriateness of the systems for the intended use of the building.

The following is the intended schedule for completion of this thesis:

Tasks	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Gravity Loads verified	ae	ae					
Alternate systems designed			ae	ae	ae	ae	
Breadth topic research						ae	ae
Breadth topic analysis							ae
Comparison of alternate systems & decision							
Final report							
Preparation for presentation							
Presentation							
Reflection							

Tasks	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
Gravity Loads verified	S							
Alternate systems designed	P							
Breadth topic research	R							
Breadth topic analysis		ae	ae					
Comparison of alternate systems & decision	B		ae	ae				
Final report	R			ae	ae			
Preparation for presentation	E				ae	ae		
Presentation	A						ae	
Reflection	K							ae