“The Best Structure”

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Overview

Concept
Cantilever
Rigid Frame

Systems
1. Bracing
2. Rigid Frame
3. Tensile
4. Floor with basement
Process
Cantilever
Cantilever

- With tensile
- Without tensile
Rigid Frame
Rigid Frame

Combination of…

• Column
• Girder
• Bracing

To Show

• Lateral Force
• Torsion
Without Bracing......

Hard to resist

• Lateral force
• Torsion
Cost

Total cost: $43.50

5 2x4 @ $0.51 ea.
4 cross bracing lumber @ $3.00 ea.
4 ties @ $1.90 ea.
Screws: free
2 pack of L-brackets @ $1.20 ea.
4 corner brackets @ $0.80 ea.
4 hinges @ $0.60 ea.
Plywood base $4.80
4 pack of hooks $2.00 ea.
Pack of Drivers $5.00