

# StructuraAI Project Report

## Material Quantities

Key	Value
wall_volume_cuft	15.0
estimated_bricks	202
estimated_steel_kg	37.5
plaster_area_sqft	30.0

## Cost Breakdown

Key	Value
concrete_cost	1800.0
brick_cost	1616
steel_cost	2625.0
plaster_cost	750.0
total_project_cost	6791.0

## Risk Summary

Key	Value
risk_score	60.0
risk_level	High
breakdown	{'duration_risk': 14, 'critical_path_risk': 25.0, 'serial_chain_risk': 9, 'conflict_risk': 0, 'uncertainty_risk': 12.0}

## Buildability Summary

Value
100

penalty 0  
y\_depth\_penalty 14  
penalty 0  
n\_penalty 10.5  
penalty 0  
y 12.0  
us 0.0  
63.5  
HIGH RISK  
h ['wall\_build\_0', 'wall\_cure\_0', 'door\_install\_0\_0', 'batch\_0\_0', 'door\_install\_0\_2', 'batch\_0\_1', 'window\_install\_0\_0', 'b  
10  
\_normalized 0.6

## Schedule Summary