

Residential Design Philosophy

Design Philosophy Statement

General Design

Building Name:	
Address:	
Legal:	
Development Type:	
Applicable Building Code:	
Building Design Life:	
Number of Storeys:	
Number of basement levels:	
Types of construction:	
Geology:	

Hazard: Flooding

Closest water body:	
Next closest water body:	
Primary type of flooding:	
Flood Construction Level (FCL):	
Flood Adaptation and Resiliency Elevation (FARE):	
Maximum Design Groundwater Elevation (MDGE):	
Waterproofing/tanking system:	
Existing grades:	
Main Floor EL.:	
Garage Ramp Entry EL.:	
Basement EL.:	
Sewer connection El.s:	

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Window Well rim El.s:	
Sump rim El.s:	
Below-grade penetrations:	
Other connections to sewer/ground?	
Electrical room above FCL?	
Backup generator above FCL?	
Emergency power duration?	
On-site power generation?	

Hazard: Seismic

Seismic Zone:	
PGA:	
Climate Data Reference:	
Intended performance during 1:475 earthquake:	
Intended performance during 1:2475 earthquake:	
Philosophy for any permanent groundwater cutoff structures:	

Hazard: Slope Stability

Design intent:	
Hazard from above:	
Hazard below:	
Governing failure mechanism:	
Monitoring requirements and triggers:	

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Intent of Design Team for future upgrades:

Record Design Team

Discipline	Firm	QP of Record	Other Key Individual
Architect			
Code Consultant			
Structural Engineer			
Mechanical Engineer			
Civil Engineer			
Electrical Engineer			
Geotechnical Engineer			
Building Envelope Engineer			
Environmental Engineer			
Landscape Architect			