



Florida Association of
Sinkhole Stabilization Specialists

Underpin Plan Review Checklist

Requested by: _____

Phone/ Fax #: _____

Block/Lot: _____

Community: _____

Address: _____

City: _____

Inspection Step	Compliant		Comments	Code Reference
	Yes	No		
1.) General Plan Requirements:				1603
1.1) Structural Design				1603.1
1.1.1) Floor Live and Dead Load				1603.1.1
1.1.2) Roof Live and Dead Load				1603.1.2
1.1.3) Wind Design Data Indicated				1603.1.4
1.1.3.1) Basic Wind Speed (mph)				1603.1.4
1.1.3.2) Wind Importance Factor, I_w				1603.1.4
1.1.3.3) Wind Exposure				1603.1.4
1.1.3.4) Internal Pressure Coefficient				1603.1.4
1.1.3.5) Component and Cladding				1603.1.4
1.1.4) Construction Materials Strength and Properties Indicated				1604.1
1.1.5) Reinforced Concrete				1604.3.2
1.1.6) Structural Steel				1604.3.3
1.1.7) Concrete Masonry and/or Masonry (as applicable)				16.4.3.4
1.1.8) Steel Pipe Pile Specifications				1809.3
1.1.9) Steel Reinforcement				
1.2) Name and Sealed Signature of the Responsible Person(s) for the Design Indicated				106.1
2.) Floor Plan Requirements				
2.1) Exterior Underpin Locations with Dimensions Indicated				106.1.1
2.2) Interior Underpin Locations with Dimensions Indicated (if applicable)				106.1.1
2.3) Legend with Underpin Symbols Indicated				106.1.1
2.4) All Underpins Numbered				106.1.1
2.5) Any and All Other Structural Repairs and/or Modifications Indicated				106.1.1
2.6) Indicate Scope of Plans (Stabilitive, Restorative, Preventative)				106.1.1



Florida Association of
Sinkhole Stabilization Specialists

Underpin Plan Review Checklist

Inspection Step	Compliant		Comments	Code Reference
	Yes	No		
3.) Plan & Specification Requirements				
3.1) Underpin Service and Ultimate Loads by Pin Location Indicated				106.3.5
3.2) Design Criteria for Underpins indicated				1808.2
3.2.1) Recommended Pier or Pile Types				1808.2
3.2.2) Recommended Center to Center Spacing				1808.2
3.2.3) Designation of Bearing Stratum				1808.2
4.) Detail and Wall Section Requirements				
4.1) Details and Specifications of the Underpin System with its Method of Attachment to the Foundation				106.3.5.8
4.2) Details and Specifications of Underpin System with appropriate call-outs				106.3.5.8
4.3) Details and Specifications of Interior Brackets (if applicable)				106.3.5.8
4.3) Repair Details for Slab Cracks and Slab Cores Indicated				106.3.5.8
4.4) Details for All Other Structural repairs and/or Modifications required. These are to include but are not limited to the following:				106.3.5.8
4.4.1) Wall Reinforcement (if applicable)				106.3.5.8
4.4.2) Wall Removal and Replacement (if applicable)				106.3.5.8
4.4.1) Slab Removal and Replacement (if applicable)				106.3.5.8
4.4.1) Supplemental Reinforcement (if applicable)				106.3.5.8

Notes:

Reviewed By: _____

Date: _____