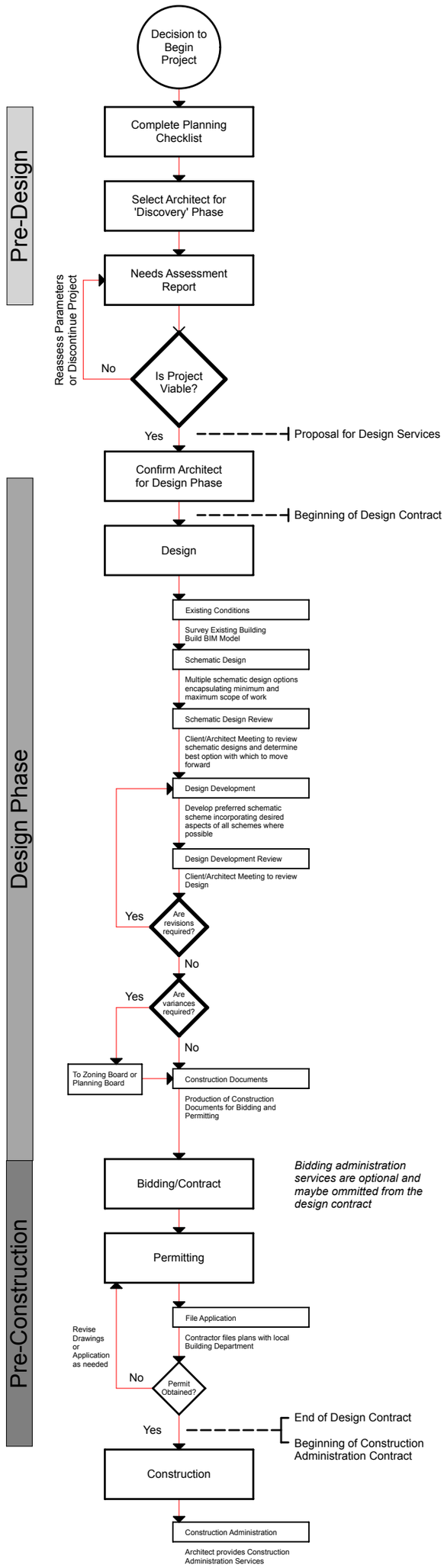Expanded Process Flow Chart