

# COLUMBARIA GENERIC SPECIFICATIONS

- 1.0) PRE-CAST CONCRETE COMPONENTS\*  
All pre-cast concrete elements are to be of architectural quality, reinforced with rust resistant materials, finely finished and homogeneous in colour range.
- 2.0) NICHE CORE CONSTRUCTION
  - 2.1) Niche Core Materials  
These may consist of the following materials (subject to client approval selection).
    - a) Pre-cast concrete\*
    - b) Fibreglas (must be smoothly finished with no rough edges, smooth flat surfaces).
    - c) Aluminum sheeting (or stainless steel (s/s)) and appropriately extruded structural components.
    - d) Granite niche cores of suitable thickness etc. to assure structural integrity.
    - e) All interior niche finishes to be smooth and flat no matter what the material from which they are manufactured.
  - 2.2) Dimensions
    - a) Columbarium overall exterior dimensions are illustrated on the attached schematics and are representative guidelines only. Final columbarium selection (as to choice of style, niche, quantity, etc.) is the owner's prerogative.
    - b) Niche Interior Dimensions  
These dimensions must be minimally 11.75" (300mm) cubed.
    - c) Security Measures  
Exterior granite niche shutters must be secured in place using tamper resistant "sinner" type bronze rosette systems.
    - d) Privacy niche sealers are to be manufactured of s/s or aluminum plate c/w an appropriate locking device or tamper resistant screw fasteners covering each niche opening on an individual basis.
- 3.0) GRANITE SHUTTERS
  - 3.1) Granite shutters to be minimally 7/8" thick (22-23mm), all granite edges to be eased; all exposed surfaces polished.
  - 3.2) For doubles/quad niche covers (shutters) a suitable dummy joint is to be scored in the granite in an appropriate manner.
- 4.0) WARRANTIES
  - 4.1) Each columbarium is to provide a minimum 25 year warranty to cover any/all defects in materials/workmanship of any aspect of all columbaria bid on.
  - 4.2) Each columbarium must be provided with a minimum of one spare exterior granite shutter of matching granite to suit the application (i.e. single shutter, double, quad, etc.) for each particular columbarium.
- 5.0) MEMORIAL PATHSTONE
  - Specifications as per drawing schematic for same
- 6.0) OSSUARY LECTERN
  - Specifications as per drawing schematic for same
- 7.0) BOOK OF MEMORIES  
As per manufacturer's specifications (AGM Memorials) or approved equivalent. Bronze plaques by others.
- 8.0) GRANITE MEMORIAL BENCH  
Specifications as per schematic.  
Note: all corner edges to be eased and granite legs to be pre-drilled to accommodate s/s pins to fix bench to concrete base.
- 9.0) Entry Signs
  - Sign specifications as noted on drawing schematic
  - Sign granite to be pre-drilled to accommodate anchor pins for attachment to concrete foundation.

DWG.  99048-10.	WINNIPEG CEMETERIES		
	CITY OF WINNIPEG, MANITOBA	APRIL 2007	HLI #99048-06