

## Mausoleum Construction

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Article No. 6

THE following is a sample copy of the general specifications for a mausoleum, which with the drawings automatically becomes a part of the contract.

These specifications and accompanying drawings shall form the basis of an agreement for the general work necessary for the erection and completion of a six crypt mausoleum located on the family lot of Mr. John Doe, in Mt. Hope Cemetery in the City of Freemont, Ill.

The term (contractor) used throughout will be the person or firm undertaking the general work in the construction of the building as a whole. The word (owner) refers to the lot owner or the party for whom the building is being erected. The word (work) shall include all labor and materials.

Where figures are given on the drawings, they shall be followed in preference to scale; where figures are not given the drawings must be scaled accurately and followed according to scale. All sub-contractors shall verify their dimensions with each other, and with the general contractor in order to avoid confliction and misunderstanding.

The contractor shall maintain adequate protection of all his work from damage, and shall protect the owners of adjoining property from any injury arising in connection with this contract. The contractor shall maintain such insurance as will protect him

under workmen's compensation act, and he shall also carry both contingent and liability insurance which will protect the owner and the contractor from any other claims for damages for personal injury, including death which may arise from operations under this contract.

### *Excavations*

The Contractor will accept the building site in its present condition and will remove all obstructions now on the site whether above or below the surface so that the work under this contract can be properly executed. Excavate all earth or other materials necessary for the foundations and footing as shown and specified in the drawings, and leave clean and level to receive the concrete. After the foundations and footings are completed, the excavations shall be back filled with earth, using same earth taken from the excavations and debris of any kind will not be permitted.

### *Concrete and Cement Work*

All foundations, area wall and sub-floors are to be of standard Portland cement, of good clean sand, and crushed rock, or screened gravel, in the following mixture.

Portland cement one (1) part  
Sand.....three (3) parts  
Crushed Rock....five (5) parts

All concrete shall be thoroughly mixed before the water is added and just enough water used so the concrete will flow sluggishly into the forms.

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### Granite Chips

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Mr. H. H. Barnett, vice-president and manager of the Western Marble and Granite Co. located in Missoula, Mont., has in daily use an air hydraulic lifting banker which he designed and manufactured in his own shop. This banker is connected to the air tank and is capable of lifting two tons on 40 pounds pressure and from six to eight tons on 80 pounds pressure. A large die can be tipped onto the sandblast cart and the jack then used to set the die upright. The top of this banker is about 1-8 square. Its utility and convenience will be immediately apparent to the Craft. A similar lifting banker has since appeared on the market but Mr. Barnett's banker has been in daily use for the past six years. He is a good mechanical engineer and is therefore familiar with leverages and tensions of metals and granite.

Mr. Barnett uses live steam for applying Jiffy-Stencil which is far superior to the hot water and sponge method because the steam softens the gum; the air bubbles are sealed and no wastage of gum occurs from being washed off. The stencil is laid on the cold stone and a wooden roller applies it smoothly. The steam is applied through a fan tail nozzle at natural steam pressure of 15 to 120 pounds.

Mrs. Barnett, or "The Boss" as Mr. Barnett calls her is in the office daily and very efficiently assists him in conducting the growing business.

Ben Franklin was the first man to adapt stoves to burn coal.

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#### *Granite*

All granite used for the exterior of the building is to be of granite, free from defects, dimensions and finish as shown in the drawing and to be set in good cement mortar mixed as follows: White Portland cement one (1) part Good clean sharp sand three (3) parts thoroughly mixed before the water is added; all joints shall be raked out one half inch deep and well pointed after the building is set.

#### *Interior*

All of the unexposed parts of the crypt construction shall be of the best grade of structural slate of size and finish specified on the drawings. The exposed parts of the crypt construction and the vestibule shall be of Marble, size and finish as shown on the drawings. All exposed marble shall be highly polished, set with bronze dowel pins, expansion screws, copper wire and plaster of paris.

#### *Bronze Work*

The doors, windows, sash, grills, ventilators, and fixtures shall be of government standard bronze.

The contractor shall, upon completion of the work, clean up all debris, grade and seed the lot.

These specifications should be included in a general way in all mausoleum contracts and thereby preclude error on the part of the contractor and assure satisfactory fulfillment to the purchaser.

#### PLATE NO. 6

In plate number six we show the plans of an eight crypt mausoleum in rock and axed finish

thus making a very neat and well proportioned building for a family of moderate means.

Fig. 1 shows the side elevation, or as the building appears from the side, and the ventilators at a. and b.

Fig. 2. shows the front elevation; the axed name panel over the bronze doors, and the steps and vases

Fig. 3. the rear elevation, shows the Art glass window at the rear of the vestibule.

Fig. 4. the longitudinal section, or as the building would appear if it were bisected lengthwise. Note the vestibule ventilator and ceiling support at a. The bronze rosettes at b. are fitted to the marble slabs to facilitate easy removal for interment. The dotted lines in the foundation indicates the outline of the crypts under the floor line.

Fig. 5. shows the floor plan, the ground dimensions, locations of the doors and window, crypt construction and the air space at a.

Fig. 6. is a cross section, or as the building would appear if bisected crosswise. This plan shows the vestibule ventilators at a. and the construction of the crypts under the floor line. The slab at b. is equipped with bronze floor rings to permit raising for interment.

### Memorial Day

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And so on Memorial day we observe these things. We look back on a nation that has fought, not for the glory of the sword, but for the weak and helpless, the women and children and the smaller nations. We see in this country traditions that do not

include the decapitating of political enemies, but rather the honor that is due them.

Memorial day is a splendid day. It is a day of the stalwart citizen, of the true patriot. It is made greater by the Memorial craftsman because in it he preaches the doctrine of remembrance. When events like these die then a people dies and this nation is no more.

#### TO OUR FRIEND THE HORSE

O Horse, you are a wondrous thing! No horns to honk, no bells to ring; no license buying every year with plates to screw on front and rear.

No spark to miss, no gears to strip; you start yourself, no clutch to slip, no gas bills mounting every day to steal the joy of life away. Your inner tubes are all O. K. and, thank the Lord, they stay that way.

Your spark plugs never miss or fuss; your motor never makes us cuss. Your frame is good for many a mile, your body never changes style, your wants are few and easily met—you've something on the auto yet.—Ex.

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Never teach a young life to avoid difficulties. Surmounting obstacles is the best way to become educated.

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Lame-duck in commercial parlance is a printer who is unable to meet his liabilities. Is there any wonder that there are so many lame ducks when nearly every business man takes a shot at him on price?

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"Spats" are being worn and pronounced stylish. The proper term is ankle awnings.