

MAUSOLEUM RELIEF VENT RISER(TYP FOR ALL CRYPTS)

NOTE:  
MANUF. BY C.A. JOSEPH CO.  
LIVERPOOL, OHIO  
NO PLUMBING WORK INCLUDING IN THIS PERMIT

N.T.S.

MAUSOLEUM CRYPT VENT NOTE:  
All crypts relief vents shall comply with FBC 2023 7 Edition Sections  
515, 515.1, 515.2, 515.3, 515.4 (See below)

#### SECTION 515 MAUSOLEUM RELIEF VENT

##### 515.1 General.

A pressure relief vent shall be provided for each crypt. Niches shall not require pressure relief systems.

##### 515.2 Materials.

The pressure relief vent pipe and fittings shall conform to one of the standards listed in Tables 515.2A and 515.2B.

TABLE 515.2A CRYPT PRESSURE RELIEF PIPE

MATERIAL	STANDARD
Acrylonitrile butadiene styrene (ABS) plastic pipe	ASTM D2051, ASTM F238, CSA B181.1.
Polypropylene pipe	CSA C-454/CSA B181.3
Polypropylene chloride (PVC) plastic pipe (Type DWV)	ASTM D2055, ASTM D2240, ASTM F891

TABLE 515.2B CRYPT PRESSURE RELIEF FITTINGS

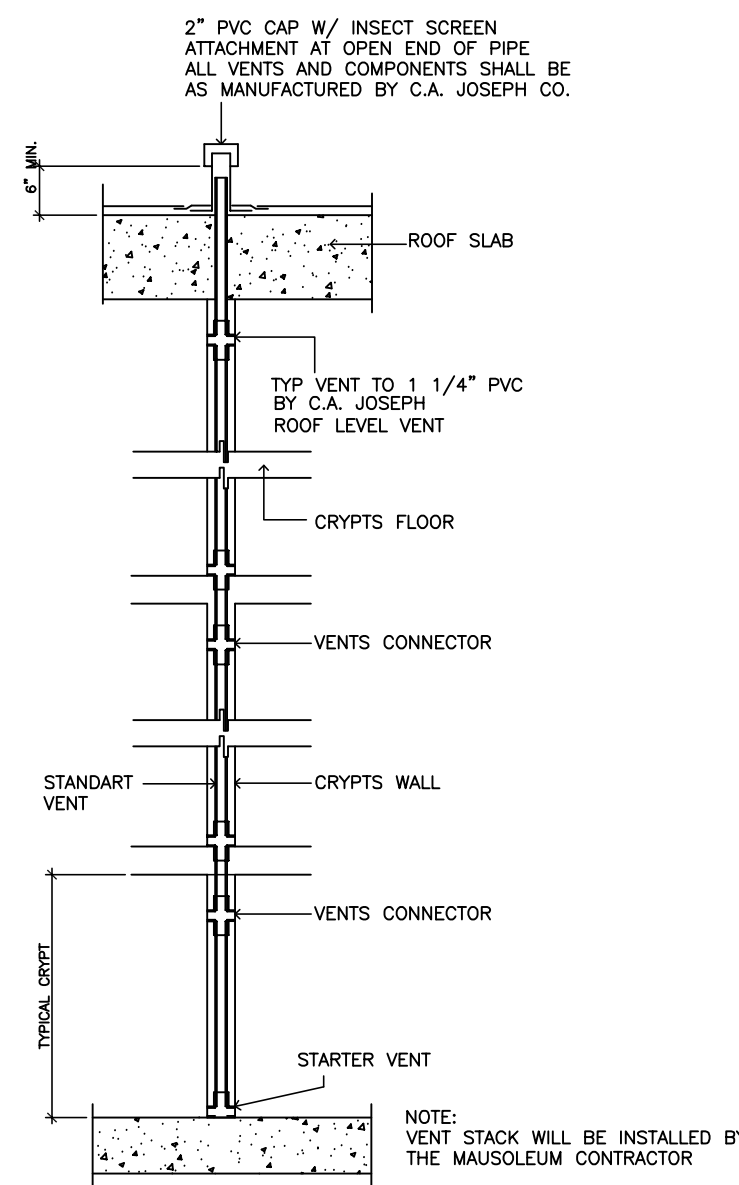
MATERIAL	STANDARD
Acrylonitrile butadiene styrene (ABS) plastic pipe	ASTM D2051, CSA B181.1
Polypropylene chloride (PVC) plastic pipe (Type DWV)	ASTM D2051, ASTM F891
Plastic, general	ASTM F 402

##### 515.3 Pressure relief vent.

For family mausoleum units where all crypts are bordering an exterior wall, pressure relief ventilation shall be provided from the crypt to the outside of the mausoleum through the exterior wall or roof. For all other mausoleum units, each crypt shall have a pressure relief vent from the crypt to the roof of the mausoleum. The minimum nominal pipe size shall be 1 inch (25 mm). The system shall have a minimum of one-eighth unit vertical to 12 units horizontal (1-percent slope). The piping shall not be trapped or installed to trap water or condensate.

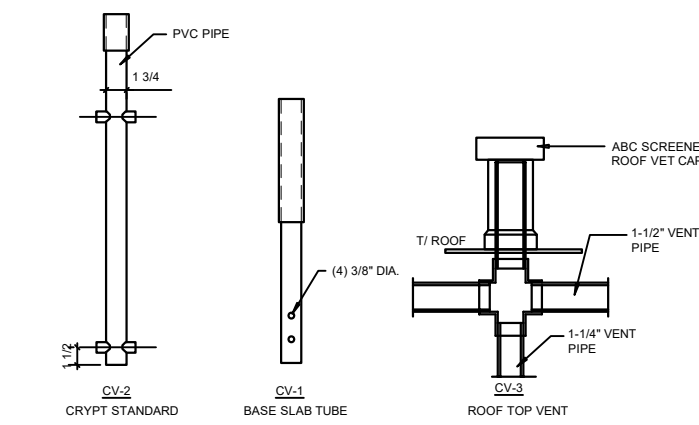
##### 515.4 Termination.

Except for family mausoleum units where all crypts are bordering an exterior wall, crypt pressure relief system shall extend through the roof and terminate at least 6 inches (152 mm) above the roof and at least 10 feet (3048 mm) from any operable opening, air intake or property line. The termination of the relief system pipe shall be done by a roof and vent cap compatible with the relief pressure pipe. The roof and vent cap shall be waterproof. For family mausoleum units where all crypts are bordering an exterior wall, pressure relief ventilation shall be provided from the crypt to the outside of the mausoleum through the exterior wall or roof.



VENT STACK DETAIL

SCALE: NTS

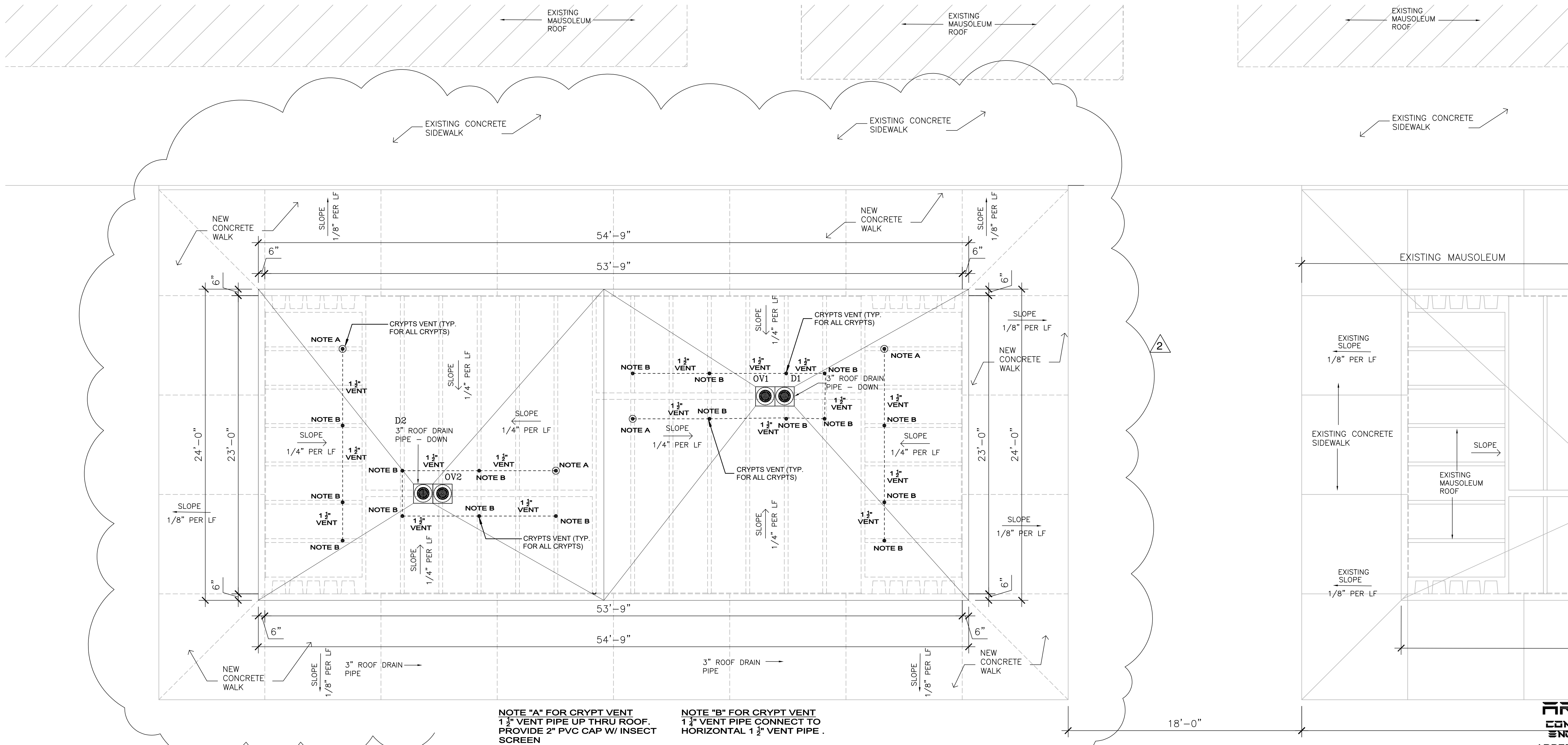


#### Typ. Crypt Presure Relief Vent Dtl.

SCALE: N.T.S.

#### GENERAL PLUMBING NOTES:

- A. ALL WORK SHALL BE DONE in accordance with the Florida Building Code (2023 8 ED) and with all applicable regulations.
- B. DRAWINGS: Refer to all drawings for coordination of the plumbing work.
- C. ARRANGE AND PAY for all permits, licenses, inspections and tests. Obtain the required certificates and present to owner.
- D. GUARANTEE: The completed installation shall be fully guaranteed against defective materials and/or improper workmanship for a minimum of one year for material and labor.
- E. ALL WORK SHALL BE DONE in accordance with the Florida Mechanical Code (2023 8 ED) and with all applicable regulations.



### CRYPT VENTS PLAN BUILDING 12

SCALE: 1/4"=1'-0"

This item has been digitally signed and sealed by Alejandro Ramirez, PE on: see seal date Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

**ARPER**  
CONSULTING  
ENGINEERS

ARPER Engineering  
811 NW 43rd Avenue Suite 301  
Miami Florida 33126  
(305) 741-4466  
www.arper.us  
Alejandro Ramirez, PE 52742

