VENT IS NOT ALLOWED TO CONNECT TO OTHER VENT PIPING (SEE SECTION 710.10)

OPTION #1

ACCESSIBLE GATE VALVE OR FULL-PORT BALL VALVE
ACCESSIBLE CHECK VALVE

4" DRAIN AT 1/4-INCH PER FOOT SLOPE CAN SERVE TWO ELEVATORS (100 GPM).

THE SUMP, PUMP, AND DISCHARGE PIPING MUST COMPLY WITH THE REQUIREMENTS OF M.R. CHAPTER 4714, SECTION 710.

M.R. CHAPTER 4714, SECTION 418.6 AND M.R. PART 1307.0067:
– AN ELEVATOR PIT DRAIN MUST DISCHARGE TO THE SANITARY SEWER USING AN INDIRECT CONNECTION THAT PRECLUDES THE POSSIBILITY OF SEWAGE BACKUP INTO THE PIT. IF A SUMP IS USED, IT MUST BE LOCATED OUTSIDE OF THE PIT WITH A DRY PAN DRAIN FLOWING TO IT.
– SIZING OF PIT DRAINS AND SUMP PUMPS MUST BE AT LEAST 3,000 GALLONS PER HOUR (50 GALLONS PER MINUTE) FOR EACH ELEVATOR INTENDED FOR EMERGENCY FIRE SERVICE (SEE M.R. CHAPTER 1307, AND ASME STANDARD A17.1/CSA B44-2016 2.2.2.4).

M.R. CHAPTER 4714, SECTION 804.1:
– PLUMBING FIXTURES OR RECEPTORS RECEIVING THE DISCHARGE OF INDIRECT WASTE PIPES MUST BE OF SUCH SHAPE AND CAPACITY AS TO PREVENT SPLASHING OR FLOODING.