

**Jefferson County School District, R-1  
Support Services**

**TECHNICAL GUIDELINES**

**DIVISION 14 – CONVEYING SYSTEMS  
May 16, 2008**

**DIVISION 14 Conveying Equipment**  
**14 20 00 Elevators – May 16, 2008**

- Work in this section is open to any product or material meeting the requirements of this Technical Guideline
- Coordination
  1. Hoistway and Machine room inserts are provided under this section and installed under Division 03 or 04.
  2. Fire Suppression: Division 21
  3. HVAC: Division 23
  4. Electrical: Division 26
  5. Emergency telephone per Division 27
  6. Fire Detection/Alarm: Per Division 28
  7. Also see Data, Communication and Alarm Diagram (DCAD).
- In the absence of other information, standards of the following organizations apply:
  1. ASME/ANSI Safety Code for Elevators and Escalators
- Submittals
  1. Product Data: Required
  2. Shop Drawing: Required
    - a. Include wiring diagram
  3. Design Data: Required
  4. Test Reports: Required
  5. Inspection Certificates: Required
  6. Manufacturer Instructions: Required
  7. Manufacturer Field Reports: Required
  8. Closeout:
    - a. Submittals listed above, updated to record status.
    - b. Operation and Maintenance Manual
    - c. Extended Warranty: 24 month
    - d. Maintenance Service:
      - (1) 24 month contract
      - (2) Response required within 4 hours of first call
    - e. Provide manufacturer authorized on-site training and video of elevator use, operation, maintenance, and emergency procedures.
- Hydraulic Elevators
  1. Electrical: 120/208 Volt, 3-phase, 60Hz
  2. Capacity: 75 lbs. per square foot minimum
  3. Speed: Minimum 100 feet per minute
  4. Doors: Standard flush panel horizontal sliding type
- Elevator Equipment and Controls:
  1. Standard control package, with card access for building staff and students.
- Wire for emergency telephone:
  1. 1 pair shielded stranded cable from elevator cab to elevator machine room.
- Installers: Certified by elevator manufacturer
- Field Quality Control
  1. Acceptance Testing and Certification are mandatory before any permanent or temporary use of work in this section.

2. Run emergency telephone wire to avoid radio interference

END SECTION 14 20 00

**14 40 00 Lifts – January 27, 2005**

- Work in this section is open to any product or material meeting the requirements of this Technical Guideline.
- In the absence of other information, standards of the following organizations apply:
  1. Americans with Disabilities Act Architectural Guidelines (ADAAG)
- Wheelchair Lifts:
  1. Retrofit only; prohibited in new construction.
  2. Commercial / Institutional grade only
    - a. Residential products are prohibited.
  3. Electrical: 120/208 volt, 3-phase motor is preferred
- Submittals
  1. Product Data: Required
  2. Shop Drawing: Required
    - a. Include wiring diagram
  3. Manufacturer Instructions: Required
  4. Closeout:
    - a. Submittals listed above, updated to record status.
    - b. Operation and Maintenance Manual
- Vehicle Lifts
  1. Prohibited in instructional areas

END SECTION 14 40 00

**14 80 00 Scaffolding – October 7, 2004**

- Work in this section is open to any product or material

END SECTION 14 80 00