

# Scope of Work & Technical Specifications

## Carnegie Science Center Accessible Doors project

### Notes:

- Work listed in order of priority
- Closer Specifications: owner preference is for a heavy-duty opener

### **1. Security Entrance Hallway to Café Doors – Three (3) sets of Double doors**

Supply and install 1 heavy-duty door operator on both doors for the Exterior set, Security set, and the Café set:

*Note for Café set of doors:* Header is to be installed on the Café side of the door (push side) due to clearance issue on the pull side of the door.

- Heavy-duty simultaneous pair low energy door operator
- Clear anodized aluminum finish
- 3-way mode switch (On/Off/Hold Open)
- 2 wireless Push buttons with “Push to Open” and Handicap Logo engravings. Also, to include the wireless transmitters and receiver.
- Door-mounted safety sensor
- Provide 120v electric to door header
- Paint, patch, and repair any wall damage resulting from automatic closer installation

DRAWING REFERENCE: **PAGE 1, 15-10-A1-1a Ground Floor West Floor Plan 2017**

### **2. 1<sup>st</sup> Floor Volunteer office door (1)**

Supply and install 1 heavy-duty operator on the volunteer office/lounge door:

- Heavy-duty door operator
- Clear anodized aluminum finish
- 3-way mode switch (On/Off/Hold Open)
- 2 wireless Push buttons with “Push to Open” and Handicap Logo engravings. Also, to include the wireless transmitters and receiver.
- Door-mounted safety sensor
- Provide 120v electric to door header
- Paint, patch, and repair any wall damage resulting from automatic closer installation

DRAWING REFERENCE: **PAGE 2, 15-10-A1-2a First Floor West Floor Plan 2017**

### **3. 2<sup>nd</sup> floor Staff Lounge Door (1)**

Supply and install 1 heavy-duty operator on the staff lounge door:

- Heavy-duty door operator
- Clear anodized aluminum finish
- 3-way mode switch (On/Off/Hold Open)

- 2 wireless Push buttons with “Push to Open” and Handicap Logo engravings. Also, to include the wireless transmitters and receiver.
- Door-mounted safety sensor
- Provide 120v electric to door header
- Paint, patch, and repair any wall damage resulting from automatic closer installation

Install access control for employee badge use (Telephonix data cable vendor, preferred):

- 1 Life Safety FPO150-D8PE4M (RS2) Enclosure Power Supply
- LP 4502 Intelligent Controller
- 1 Composite access Control Cable Run
- 1 Allegion MT15 Card Reader
- 1 Kantech Rex Motion Detector
- 1 GI- 180012W Door Contact
- Hess 5200C Electric Strike
- Labor for installation

DRAWING REFERENCE: **PAGE 3, 15-10-A1-4 Existing Second Floor and New Mezzanine Floor Plan 2017**

**4. Men’s And Women’s Restroom Doors (12 in total)**

Supply and install 1 heavy-duty operator on each of the identified Men’s and Women’s Restroom doors (12):

- Heavy-duty door operator
- Clear anodized aluminum finish
- 3-way mode switch (On/Off/Hold Open)
- 2 wireless Push buttons with “Push to Open” and Handicap Logo engravings. Also, to include the wireless transmitters and receiver.
- Door-mounted safety sensor
- Provide 120v electric to door header
- Paint, patch, and repair any wall damage resulting from automatic closer installation

Restroom priority & Drawing Reference:

1. Main building – Ground Floor, Group Services. DRAWING: **PAGE 1, 15-10-A1-1a Ground Floor West Floor Plan 2017**
2. Main building – 1<sup>st</sup> Floor DRAWING: **PAGE 2, 15-10-A1-2a First Floor West Floor Plan 2017**
3. SportsWorks building – Ground Floor DRAWING: **PAGE 6, A-101 Ground Level Floor Plan 2009**
4. Main building – 4<sup>th</sup> Floor DRAWING: **PAGE 5, 15-10-A1-6 Fourth Floor Plan 2017**
5. Main building – 2<sup>nd</sup> floor DRAWING: **PAGE 3, 15-10-A1-4 Existing Second Floor and New Mezzanine Floor Plan 2017**
6. Main building – 3<sup>rd</sup> Floor DRAWING: **PAGE 4, 15-10-A1-5 Third Floor 2017**