APPLICABLE CODES

The scope of work includes the partial renovation of the west wing and north fully sprinklered all areas.

Section 1006 Number of Exits and Exit Access Doorways.


Construction Type: Type I-B
- Structural frame: 2 hours
- Bearing walls - exterior: 2 hours
- Bearing walls - interior: 2 hours
- Nonbearing walls - interior: 0 hours
- Floor construction: 2 hours
- Roof construction: 1 hour


The 2014 edition of the National Electrical Code (as adopted by the Colorado State Electrical Board).

Chapter 3 Use and Occupancy Classification

- Vertical exits and passageways: Class B
- Structural Fire Protection: 2 hours
- Stairways in buildings equipped with an automatic sprinkler system.

Section 1020.4 exception 2 permits dead end corridors are not to exceed 50 feet in length in Group B occupancies with a fire sprinkler system.


- Vertical exits and passageways: Class B
- Structural Fire Protection: 2 hours

Table 707.3.10. The 2011 edition of the Boiler and Combustion Systems Hazards Code, (as adopted by the Department of Labor and Employment/Boiler Inspection Department).


- Interior exit stairway construction. The fire-resistance rating of the fire barrier separating building areas from interior exit stairway shall be 2-Hours for Occupancy group B per table 707.3.10.
- Assumed 2-Hour rating at all existing stairway enclosure.
- To separate each wings from elevator core and around Electrical, Mechanical and IT Rooms.
- To separate Corridor and Office from Conference Room.

EXIT OCCUPANT LOAD (X)

B = 1 per 25 for first 50 and 1 per 50 for the remainder exceeding 50
142 - 50 = 92 occupants for remainder exceeding 50

NEW CONSTRUCTION

Total Male existing = 5 WC
Total Female required = 3.84 = 4 WC
Total Female existing = 5 WC

EXISTING WALLS

OFFICE

NORTH WING

431-1422

DS-LDS-L

M131-1422

N6203G

N6203M

ELEC

MECH

TELE

LOCATIONS OF (2) TWO 6'-0'' CLR IN FRONT OF DOORS.

LOCATION OF (2) TWO 6'-0'' CLR SIDE OF DOOR TO BREAK ROOM.

OFFICE AREA

OFFICE

8'H

M121-1122

M121-1122

M121-1122

M121-1122

M121-1122

OFFICE

ELEV

CONFERENCE

WORK ROOM

BOARD ROOM

LEGAL
1. REUSE (4) FOUR EXISTING TACKABLE PANELS, (4) FOUR EXISTING FLIPPER DOORS, (6) SIX EXISTING DESKS, (5) FIVE EXISTING F/F/F, F/F AND B/B/B FILE UNITS, AND (4) FOUR HIGH SHELF UNITS.
2. PROVIDE (6) SIX NEW TACKABLE PANELS, (6) SIX NEW FLIPPER DOORS, (14) FOURTEEN NEW DESKS, (5) FIVE NEW B/B/F UNITS, AND (1) ONE HIGH SHELF UNIT.
3. MATCH EXISTING 'INSCAPE' FINISH.

NOTES:
- EXISTING FIN TUBE TO REMAIN.
- EXISTING TACKABLE PANEL TO REUSE.
- NEW TACKABLE PANEL.
- EXISTING FLIPPER DOOR.
- NEW FLIPPER DOOR, MATCH EXISTING 'INSCAPE' FINISH.
- EXISTING DESKS TO REUSE.
- NEW DESK, MATCH EXISTING 'INSCAPE' FINISH.
- EXISTING F/F, F/F/F AND B/B/B UNITS TO REUSE.
- NEW B/B/F UNITS, MATCH EXISTING 'INSCAPE' FINISH.
- EXISTING SHELF TO REUSE.
- NEW 3'-0'' WIDE X 7'-0'' HIGH SHELF UNIT FROM FURNITURE MANUFACTURER, MATCH EXISTING 'INSCAPE' FINISH.
- RETURN UNUSED FURNITURE TO OWNER.

OFFICES FLOOR PLAN KEY NOTES:
- OFFICE SIZES AND LOCATIONS VARY.
- NEW FURNITURE TO MATCH EXISTING 'INSCAPE' FINISH.
- EXISTING FURNITURE TO REMAIN.

DATE: 9/29/2017
DRAWN BY: [Signature]
CHECKED BY: [Signature]
PROJECT NUMBER: 17045.000

CU ANSCHUTZ CAMPUS
BUILDING 500 6TH FLOOR
CANCER CENTER
13001 E. 17TH PLACE
AURORA, CO 80045

FLOOR PLAN - OFFICES
SCALE: 1/8" = 1'-0"
### Mechanical Legend

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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### Applicable Codes

- ASHRAE 62.1
- NFPA 90A
- NFPA 101
- NFPA 130
- NFPA 1051

### General Notes

- All systems shall be designed and installed in accordance with the applicable codes.
- Fire Protection Systems shall conform to NFPA 13.

### Sheet Information

- Sheet: M0.1
- Drawn By: SWANSON, T.
- Checked By: COTH
- Project Number: 17045.000
- Owner: Campus Services Building
- Address: 1945 Wheeling Street, 3rd Floor, Aurora, Colorado 80045
- Phone: 303.724.0749
- MECHANICAL / ELECTRICAL / PLUMBING ENGINEERING
- RHM Group
- Address: 12600 W Colfax Ave Ste. 400, Lakewood, Colorado 80215
- Phone: 303.239.0909
- Fax: 303.623.2836
- CU CANCER CENTER
- Address: 13001 E. 17TH PLACE, AURORA, CO 80045
- Website: [CU Cancer Center](http://www.cancercenter.colorado.edu)
- Fax: 303.623.2836