1.0 APPLICABLE CODES

The applicable codes for the renovation and ADA upgrades of the rooms and suites listed above include:

- International Building Code (IBC)
- International Fire Code
- Standard for the Installation of Sprinkler Systems
- NFPA 70, National Electrical Code
- Fire Extinguishers
- Fire Alarm Notification
- Fire Department Apparatus Access Roads
- Fire Hydrant Requirements
- Special Hazards

1.1 Scope of Renovation and ADA Upgrades

The scope of the renovation and ADA upgrades includes:

- Replacing shower-b Prosecs
- Installing grab bars
- Setting up new toilet fixtures

2.0 THE BUILDING

2.1 BUILDING ACCESS

- The building is being renovated to be an Accessible sleeping room.

2.2 BUILDING LOCATION AND USE GROUPS

- The existing automatic sprinkler system is being maintained.

3.0 BUILDING FIRE RESISTANCE

3.1 Type of Construction

- The primary occupancy of the building is R-2 / Dormitory in accordance with IBC Section 310.

3.2 Fire Resistance of Structural Assemblies

- The construction of the building is based on site survey in limited areas of the 1st through 13th floors, the construction type of all construction materials are to be of non-combustible construction.

3.3 Fire Resistance of Walls

- The fire resistance of all exterior walls will be unaffected by this project.

3.4.2 Stairway Enclosures

- No stairways will be modified by the project.

3.5 Fire Resistance of Special Occupancy Enclosures

- The existing manual pull stations are unaffected by the scope of this project.

4.0 FUEL CONTROL

4.1 Intention of Project

- The intention of this project is to renovate the existing private restrooms on floors 1-13 for accessibility purposes.

4.2 Limitations

- The renovation work is limited to the interior finish of existing private restrooms.

5.0 EGRESS REQUIREMENTS

5.1 Occupancy Load

- The number of employees and visitors in the building is limited to

5.2 Number of Exits and Travel Distance

- The number of exits and travel distance is limited to

5.3 Egress Access

- The egress access is not impacted by the project.

5.4 Exit Discharge

- The exit discharge is not impacted by the project.

5.5 Egress Escape

- The egress escape is not impacted by the project.

5.6 Exit Access

- The exit access is not impacted by the project.

5.7 Express Illumination

- The express illumination is not impacted by the project.
Typical Column and Wall

2 1/2" 25 GA. METAL STUDS @ 16" O.C. WITH 5/8" GYPSUM

DESIGN

CAST IN PLACE REINFORCED SLAB.

ARCHITECTURE INTERIOR DESIGN

RE: STRUCTURAL

PAINTED CAULK, TYPICAL

1899 WYNKOOP STREET

EACH SIDE

DENVER  COLORADO

DEEP LEG TRACK

303.595.4500

SOUND RATED WALLS

ONLY

GYPSUM BOARD

1 1/2"

ANCHORED TO METAL STUD WALL CAP

DO NOT SCREW ATTACH

GYPSUM BOARD TO DEFLECTION CHANNEL

1 1/2" = 1'-0"A0.02

All drawings and written material appearing herin constitute the original and unpublished work of the architect and the same may not be duplicated, used

METAL CONTROL JOINT

5/8" GYPSUM BOARD EACH SIDE

METAL CONTROL JOINT

2 1/2" C-H METAL STUDS (F)

GYPSUM BOARD EACH SIDE

STRUCTURE

INSULATION REMARKS WALL TYPE DIAGRAM

U.N.O.

RATED

UL #415

3 3/4" F2

5/8 " GYPSUM BOARD INTERIOR SIDE AND (1) LAYER OF 1"

#U415 GYPSUM BOARD LINER PANEL ON SHAFT SIDE

C1

BOARD ONE SIDE ONLY

D1

G.C. TO VERIFY METAL STUD GAUGE AND SPACING WITH MANUFACTURER'S HEIGHT LIMIT REQUIREMENTS.

AT 1-5/8" METAL STUD FURR WALLS, THE FINISHED FACE OF GYPSUM BOARD IS 3" FROM STRUCTURE.

AT 2-1/2" METAL STUD FURR WALLS, THE FINISHED FACE OF GYPSUM BOARD IS 4" FROM STRUCTURE.

AT 3-5/8" METAL STUD FURR WALLS, THE FINISHED FACE OF GYPSUM BOARD IS 6" FROM STRUCTURE.

IN TOILET ROOMS - INTERIOR GYP BOARD AND/OR CEMENTITIOUS BACKER BOARD IS TO THE FINISHED GYPSUM BOARD CEILINGS, UNLESS NOTED BY PARTITION

HEIGHT DESIGNATION TO EXTEND TO STRUCTURE.  GYPSUM BOARD ON THE OUTSIDE OF THE ROOM IS TO THE UNDERSIDE OF STRUCTURE ABOVE.  CONTINUE IN TRAFFIC AREAS.

REFER TO DETAIL ON A0.02 FOR RATED PARTITIONS TO STRUCTURE.

REFER TO DETAIL ON A0.02 FOR NON-RATED PARTITIONS TO STRUCTURE.

REFER TO DETAIL ON A0.02 FOR RATED SHAFT WALL PARTITIONS TO STRUCTURE.

3'-6" A.F.F.

3'-0"

7"-9" TO CL

4,000 PSI CONCRETE

#4 REBAR DOWELS DRILLED INTO THE PLACE AND THEN THE BLOCK-OUT FILL WITH 4000 PSI CONCRETE

OUT ON ALL FOUR SIDES. #4 REBAR DOWELS ARE TO BE EXPOXIED INTO STRUCTURE.  GYPSUM BOARD ON THE OUTSIDE OF THE ROOM IS TO THE UNDERSIDE OF STRUCTURE ABOVE.

CONTINUE IN TRAFFIC AREAS.

REFER TO DETAIL ON A0.02 FOR NON-RATED PARTITIONS TO STRUCTURE.

REFER TO STRUCTURAL DRAWINGS FOR PARTITION SIZES, LOCATIONS AND FINISHING DETAIL BY CM WALLS.
DENOTES FIRE-RATED CHASE. ALL FLOOR PENETRATIONS REQUIRE A FIRE STOP SYSTEM WITH A 2-HOUR FIRE RESISTANCE RATING. ALL ACCESS PANELS IN WALLS REQUIRE A FIRE RESISTANCE RATING OF 90 MINUTES. ALL ACCESS PANELS IN CEILINGS DO NOT REQUIRE A FIRE RESISTANCE RATING.
SCHEDULED FAUCET, RE: PLUMBING DWGS
REINSTALL EXISTING LIGHT SWITCH WITH V.I.F.
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE, LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
SCHEDULED LIGHT FIXTURE
LINE OF DENSE SHEILD AS NECESSARY
RELOCATE EXISTING OUTLET, RE: ELEC DWGS
6"
GENERAL CONSTRUCTION NOTES

1. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

2. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

3. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

4. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

5. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

6. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

7. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

8. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

9. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

10. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

11. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

12. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

13. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

14. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

15. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

16. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

17. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

18. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

19. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

20. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

21. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

22. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

23. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

24. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

25. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

26. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

27. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

28. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

29. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

30. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

31. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

32. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

33. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

34. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

35. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

36. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

37. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

38. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

39. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

40. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

41. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

42. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

43. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

44. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

45. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

46. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

47. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

48. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.

49. CONTRACTOR IS NOT TO USE ANY EXISTING CONSTRUCTION MATERIALS, TOOLS, OR EQUIPMENT TO COMPLETE THIS PROJECT.
TILE LEGEND

- COLOR: BISCUIT, K125
- COLOR: WHITE, O100
- COLOR: LUMINARY GOLD, O142; 6" X 6" TILE ONLY
- COLOR: BLACK, K111

TILE COLOR PATTERN RULES

1. BASE CONSISTS OF ALTERNATING 3" X 6" BLACK, K111, TILES (T-8) AND 6" X 6" BLACK, K111 TILES (T-7) WITH NO BLACK TILES ABOVE 6" TILE HEIGHT.

UP TO WAINSCOTT HEIGHT (MAX. HEIGHT INCL. GROUT: 2' - 9 7/8")

- CONSISTS OF A 60/40 BLEND WITH 60% OF 3" X 6" AND 6" X 6" TILES IN WHITE, O100 FINISH AND 40% OF 3" X 6" AND 6" X 6" TILES IN BISCUIT, K125 FINISH.
- A RANDOM PLACEMENT OF 6" X 6" LUMINARY GOLD, O142 TILES (T-6) UP TO WAINSCOTT HEIGHT (MAX. TILE HEIGHT INCL. GROUT: 2' - 9 7/8") WITH NO TWO LUMINARY GOLD TILES IN SAME OR ADJACENT VERTICAL COLUMNS.

ABOVE WAINSCOTT HEIGHT

- CONSISTS OF 100% 3" X 6" AND 6" X 6" TILES IN WHITE, O100 FINISH IN BOND PATTERN.

MAXIMUM GROUT THICKNESS OF 1/8".
TILE LEGEND

TILE COLOR PATTERN RULES

1. BASE CONSIST OF A 3" X 6" BLACK, K111 TILES ALTERNATED WITH 6" X 6" BLACK, K111 TILES. WHITE, O100 3" X 6" TILES ON A 60/40 BLEND WITH 60% BLACK AND 40% WHITE.

2. RANDOM PLACEMENT OF 6" X 6" LUMINARY GOLD, O142 TILES UP TO WAINSCOTT HEIGHT (MAX. TILE HEIGHT INCL. GROUT: 2' - 9 7/8"").

3. ABOVE WAINSCOTT HEIGHT CONSISTS OF 100% 3" X 6" AND 6" X 6" TILES IN WHITE, O100 FINISH IN BOND PATTERN.

MAXIMUM GROUT THICKNESS OF 1/8".

G.C./ TILE SUB TO MOCK UP ONE (01) RESTROOM FOR OWNER & ARCHITECT TO APPROVE PRIOR TO CONTINUING INSTALLATION OF TILE.
**General Plumbing Contract Requirements:**

1. **Design Development:**
   - Date: 11.28.12
2. **Bid/Construction:**
   - Date: 04.09.13

---

**Building Information:**

- **University of Colorado at Boulder**
- **Williams Village Towers**
- **Stearns West**
- **Boulder, CO**

---

**Plumbing Legend:**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

---

**Plumbing Fixture Schedule:**

<table>
<thead>
<tr>
<th>Plumbing Fixture</th>
<th>Type</th>
<th>Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

---

**Fire Protection Contract Requirements:**

1. For all plumbing work, the contractor shall provide all necessary fire protection as specified in the contract documents.
2. The contractor shall install all fire protection systems in accordance with the company's written instructions.
3. The contractor shall ensure that all fire protection systems are properly maintained and tested annually.

---

All drawings and written material appearing herein constitute the original and unpublished work of the architect and the same may not be duplicated, used or disclosed without the written consent of the architect.
All drain piping from 10th floor toilet rooms to be routed in new architectural suite refer to architectural plans and details.

All drain piping from 10th floor toilet rooms to be routed in new architectural suite refer to architectural plans and details.

All drain piping from 10th floor toilet rooms to be routed in new architectural suite refer to architectural plans and details.

All drain piping from 10th floor toilet rooms to be routed in new architectural suite refer to architectural plans and details.
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Scale Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SHOWER ISOMETRIC</td>
<td>NO SCALE (ALL UNITS UNLESS NOTED OTHERWISE)</td>
</tr>
<tr>
<td>2</td>
<td>LAVATORY ISOMETRIC</td>
<td>NO SCALE</td>
</tr>
<tr>
<td>3</td>
<td>SHOWER ISOMETRIC</td>
<td>NO SCALE (ALL UNITS UNLESS NOTED OTHERWISE)</td>
</tr>
<tr>
<td>4</td>
<td>WATER CLOSET ISOMETRIC</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>LAVATORY ISOMETRIC</td>
<td>NO SCALE</td>
</tr>
<tr>
<td>6</td>
<td>SHOWER ISOMETRIC</td>
<td>NO SCALE (ALL UNITS 1303, 1304)</td>
</tr>
<tr>
<td>7</td>
<td>WATER CLOSET ISOMETRIC</td>
<td>NO SCALE (ALL UNITS 1303, 1304)</td>
</tr>
</tbody>
</table>
1. All hot work activities during construction, e.g., using heat guns, soldering, brazing, welding, grinding, power-driven studs, metal cutting using power tools or other activities involving flames or sparks require an approved hot work permit. If a hot work permit is required, the contractor shall follow the procedures. Hot work permit forms are available from CU project managers, FM office of planning, design and construction and the office website: [http://colorado.edu/facilitiesmanagement/pdc/safety/index.html](http://colorado.edu/facilitiesmanagement/pdc/safety/index.html).

2. The project staging area and construction activities shall not cause obstruction of the paths of egress inside the building, block exit discharge from the building or impede emergency vehicle access to the area.

3. If the construction generates dust or fumes inside the building, necessary measures are to be taken to prevent the nuisance actuation of any nearby smoke or duct detectors. Please contact the fire system group to make necessary actions. If smoke detectors are covered they must be removed at the end of each work day.

4. All penetrations through fire rated corridors or floor/ceiling assemblies shall be firestopped with a matching rating.

5. All outages of the fire system shall be based on campus procedures. The campus procedures are available from the FLS website: [http://colorado.edu/facilitiesmanagement/pdc/safety/index.html](http://colorado.edu/facilitiesmanagement/pdc/safety/index.html).

6. Protect sprinklers against mechanical damage and paint overspray.

7. All work shall comply with UCB and OIT standards, UBC 2009 and NEC 2011. Contact facilities management for all inspections.

8. All existing conduit and wire not being reused shall be removed in its entirety back to source.

9. All existing devices shown to remain shall be reconnected as required after demolition is complete.

10. New construction shall not block or limit access to existing communication pathways. All new electrical installation shall comply with OIT standards for EMI distances between the electrical and communication wiring (refer to OIT Standards 271500-3.02. Clearances from EMI sources).

11. All existing communication wiring shall be demolished by CU OIT contractors only.

12. Saw-cut slurry, sediment/soil, and all other materials and process waters must be captured for proper disposal and not allowed to be discharged to storm drains, gutters, parking lots, or other storm conveyances. Use proper Best Management Practices (BMP's) to protect from contaminated run-off that could end up in Boulder Creek; the following website has examples that can be reviewed as applicable: [http://pacepartners.com/municipal-operations](http://pacepartners.com/municipal-operations).

13. Any electrical work that will interfere with or interrupt the operation of buildings, or services, must be coordinated with the owner and contractor at least 14 calendar days in advance for proper scheduling. The contractor shall submit a request for the outage to the owner detailing the reasons for the outage, areas affected, and sequence of procedures to accomplish work. The contractor shall obtain written authorization from the owner for all proposed outages. These connections may have to be done at any hour of any day at no increase in price. Outages shall be minimum time periods. All preparation work shall be planned and executed prior to actual outage. In all cases all materials shall be furnished by the contractor. Submit written plan with timeline for removal, installation and connection of generator sets. The contractor shall be responsible for any and all temporary power required.

14. All outages require a detailed MOP. The MOP shall detail all work proposed by the contractor, including time sequence, tasks, responsibilities and estimated completion times. The MOP shall include a detailed breakdown of the university/contractor coordination checkpoints and proposed safety measures. The MOP shall be submitted for review and approval prior to scheduling the outage.
**ELECTRICAL LEGEND**

**LIGHTING**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Finish</th>
<th>Volt</th>
<th>Mounting</th>
<th>MFR Cat. No.</th>
</tr>
</thead>
</table>

- **Fixtures Schedule - Project B**

- **Surface Lightolier SF-4-C-38A-40-U-LAG**
  - 14W/LF LED
  - 1400LM/FT
  - 4000K
  - 24" Decorative LED Vanity Light with Integral Driver and Acrylic Prismatic Lens
  - Natural Aluminum 120-Wall Surface Architectural Lighting Works

- **LPWG-2.2-2'-HP14-HP14-N/A-120-LENS-AL**
  - 3800 Lumen LED 4000K
  - 6" x 48" LED Fixture with Acrylic Prismatic Lens and Integral Ballast White UNV

**POWER/TELECOMM.**

**FIRE ALARM/SECURITY**

- Hall Mounted Smoke Detector, 4" High Ceiling
- Horn Strobe, Sounder Beep
- Smoke Detector
- Proctored Smoke Detector

**CIRCUITING/TAGS**

- **12TH FLOOR**
  - **Type of Restroom Plan - Electrical**
  - **Typical Plan for the Following Rooms**
    - 12TH FLOOR: ROOM 12A
    - 12TH FLOOR: ROOM 12B

- **11TH & 12TH FLOORS**
  - **Type of Restroom Plan - Electrical**
  - **Typical Plan for the Following Rooms**
    - 11TH FLOOR: ROOM 11A
    - 11TH FLOOR: ROOM 11B

**DETAIL NOTES**

- 1. General Area Lighting Fixtures to be Furnished: Linear Wall Wash, MR16 Track Lighting
- 2. New Restroom Fixtures to be Furnished: Vanity, Medicine Cabinet, Mirror, Handrail, Grab Bar, Towel Bars, Valves, Fixtures, and Fixtures Accessories to be Furnished
- 3. All Piping to be Furnished: Drain, Vent, Supply, and Piping Accessories
- 4. All Electrical Fixtures to be Furnished: Wall Sconce, Vanity Lights, Mirror Lights, Under Cabinet Lighting
- 5. All Ceiling Fixtures to be Furnished: Recessed, Track Lighting, Pendant, Chandelier, etc.
- 6. All Wall Plates to be Furnished: Standard, Deco, Modern, etc.
- 7. All Electrical Boxes to be Furnished: Standard, Deco, Modern, etc.
- 8. All Electrical Cables to be Furnished: Standard, Deco, Modern, etc.
- 9. All Electrical Panels to be Furnished: Standard, Deco, Modern, etc.