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**CU ANSCHUTZ MEDICAL CAMPUS**

**R2 BASEMENT FIX PAINT PHASE 2**

**RESEARCH BUILDING 2**
* CONTRACTOR TO BRING ONLY MATERIALS FOR EACH ‘WORK AREA’. THERE WILL BE NO STAGING LOCATION. CONTRACTOR WILL BE REQUIRED TO CUT MATERIALS IN THE WORK AREA AND CLEANUP BEFORE MOVING TO THE NEXT.

* ALL WORKERS / CONTRACTORS / SUBS ENTERING THE VIVARIUM LEVEL MUST DON OWNER PROVIDED PPE, SUCH AS A GOWN, HAIR / FACIAL HAIR COVERING, SHOEBOOT COVERINGS, MASK AND POTENTIALLY OTHER PPE FOR SPECIFIC AREAS FOR THE DURATION OF THE WORK ON THE VIVARIUM LEVEL.

* OWNER WILL VACATE WORK AREAS INDICATED PRIOR TO WORK STARTING IN EACH AREA - TO BE COORDINATED BETWEEN CONTRACTOR AND OWNER. CONTRACTOR SHALL PRODUCE A WEEKLY UPDATED SCHEDULE THAT PROVIDES 7 DAYS NOTICE FOR THE OWNER TO RELocate TO THE NEXT WORK AREA.

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 ENERGY CONSERVATION CODE (IECC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2018 INTERNATIONAL PLUMBING CODE (IPC)
2018 INTERNATIONAL FUEL GAS CODE (IFGC)
NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS (NFPA)

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL GOVERNING CODES AND STANDARDS.
2. WHERE DISCREPANCIES OCCUR BETWEEN FIELD PLANS, DETAILS AND LARGER SCALE PLANS, CONSULT ARCHITECT FOR CLARIFICATIONS. WHERE DISCREPANCIES OCCUR BETWEEN ArchitectURAL AND ENGINEERING DRAWINGS, CONSULT ARCHITECT FOR CLARIFICATION.
3. CONTRACTOR RESPONSIBLE TO FIELD VERIFY ALL CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK. ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND DRAWINGS SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK.
4. CONTRACTOR TO BRING ONLY MATERIALS FOR EACH ‘WORK AREA’. THERE WILL BE NO STAGING LOCATION. CONTRACTOR WILL BE REQUIRED TO CUT MATERIALS IN THE WORK AREA AND CLEANUP BEFORE MOVING TO THE NEXT.
5. DO NOT SCALE DRAWINGS. IF DIMENSIONS CANNOT BE OBTAINED BASED ON THE DRAWING INFORMATION, CONSULT THE ARCHITECT FOR CLARIFICATION.
6. PROVIDE ALL TRANSITION STRIPS AND TERMINATION STRIPS AS REQUIRED IN FIELD CONDITIONS. PROVIDE A SMOOTH TRANSITION OF FINISHES THAT MEET ACCESSIBILITY STANDARDS.
7. DOOR FRAMES SHALL BE LOCATED 4” FROM ADJACENT INTERSECTION WALLS UNLESS NOTED OTHERWISE.

PROJECT DESCRIPTION

PROJECT CONSISTS OF MINOR RENOVATION TO COVER THE WALLS AND CEILINGS IN SOME AREAS OF THE VIVARIUM LEVEL WITH CLASS A FRP PANELS.

CODE INFORMATION

OCCUPANCY CLASSIFICATION: B
TYPE OF CONSTRUCTION: EXISTING - V6
NUMBER OF STORIES: 8
AUTOMATIC SPRINKLER SYSTEM EXISTING - YES
EGRESS NOT AFFECTED BY THE CONSTRUCTION
PLAN NOTES

1. CONTRACTOR TO ATTACH CLASS A FRP PANELS TO WALLS AND CEILINGS IN ORDER OF WORK AREAS INDICATED AND COORDINATE FULLY WITH UNIVERSITY, VIVARIUM AND PROJECT MANAGEMENT STAFF REGARDING SCHEDULING.

2. CONTRACTOR TO COVER WALL SURFACES WITH CLASS A FRP PANELS USING ADHESIVE AS RECOMMENDED BY FRP PANEL MANUFACTURER. FROM TOP OF EPOXY FLOOR BASE TO CEILING. JOINTS BETWEEN PANELS TO BE SEALED WITH SEALANT (BUTT JOINTS).

3. COVER CEILING SURFACES WITH CLASS A FRP PANELS USING ADHESIVE AS RECOMMENDED BY FRP PANEL MANUFACTURER AND RIVETS FROM FRP MANUFACTURER. CONTRACTOR TO REMOVE ALL FACE PLATES AND PANEL FRAMES AND CUT FRP PANELS TO FIT AROUND ALL PERMANENT CEILING MOUNTED ITEMS AND TO CLEANLY SEAL AROUND ALL EDGES AND PROTECT NON-REMOVABLE ITEMS FROM SEALANT.

4. CONTRACTOR TO DOCUMENT LOCATION OF ALL REMOVABLE WALL MOUNTED ITEMS AND REPLACE WALL MOUNTED ITEMS IN SAME LOCATION AFTER FRP PANELS ARE ATTACHED TO THE WALL.

5. CONTRACTOR TO TEMPORARILY REMOVE WALL MOUNTED STAINLESS STEEL BUMPERS AND RE-ATTACH BUMPERS IN SAME LOCATIONS AFTER FRP PANELS ARE ATTACHED TO WALL. SEAL AROUND ALL FASTENERS.

6. CONTRACTOR TO VERIFY ALL LOCATIONS, QUANTITIES AND REMOVABILITY OF ALL WALL AND CEILING MOUNTED ITEMS.

7. CONTRACTOR TO REMOVE ALL AREAS AND SECTIONS OF PAINT SYSTEM COMPLETELY DETACHED FROM WALL BEFORE ADHERING FRP PANELS.

8. ALL FRP PANELS AND ACCESSORIES TO BE CLASS A FIRE RATED.

9. CONTRACTOR TO PROVIDE (1) WALL AND (1) CEILING MOCK-UP - FULL HEIGHT OF WALL AND SECTION OF CEILING PRIOR TO BEGINNING CONSTRUCTION. MOCK-UP LOCATIONS TO BE SELECTED BY OWNER AND ARCHITECT. FINISHED MOCK-UPS TO BE APPROVED BY OWNER AND ARCHITECT. CONTRACTOR TO INFORM UNIVERSITY, VIVARIUM AND PROJECT MANAGEMENT STAFF OF MOCK-UP LOCATIONS.

10. CONTRACTOR TO SAMPLE WALLS AND CEILINGS WITH MOISTURE METER PRIOR TO INSTALLATION OF FRP.

WORK AREA 1: SUITE 1 EAST
WORK AREA 2: ALL REMAINING IN SUITE 1 WEST
WORK AREA 3: ALL REMAINING IN SUITE 2 EAST
WORK AREA 4: ALL REMAINING IN SUITE 2 WEST
WORK AREA 5: ALL REMAINING IN SUITE 1 EAST
WORK AREA 6: 401 B/C
WORK AREA 7: NORTH CAGE WASH TUNNEL
WORK AREA 8: ELEVATOR ALCOVE WALLS - HIGHLIGHTED WALLS
WORK AREA 9: STAFF CORRIDORS (WALLS ONLY) - HIGHLIGHTED WALLS

ALTERNATE 1: WORK AREA 9: STAFF CORRIDORS (WALLS ONLY) - HIGHLIGHTED WALLS

PRIORITY LEVEL 8
PRIORITY LEVEL 9
PRIORITY LEVEL 9
PRIORITY LEVEL 9
PRIORITY LEVEL 9
PRIORITY LEVEL 9
PRIORITY LEVEL 9
PRIORITY LEVEL 9

RE: 1/A6.01 TYP
RE: 2/A6.01 TYP
RE: 3/A6.01 TYP
RE: 4/A6.01 TYP
RE: 5/A6.01 TYP
RE: 6/A6.01 TYP
RE: 7/A6.01 TYP
RE: 8/A6.01 TYP
RE: 9/A6.01 TYP
RE: 10/A6.01 TYP

PERMIT / CONSTRUCTION
RDG Planning & Design 3575 Ringsby Court Unit 320 Denver, CO 80216 (720) 647-5570 Phone

PDFFS PRINTED: 12/22/21
SHEET SIZE: 24" X 36"
1. Contractor to attach Class A FRP panels to walls and ceilings in order of work areas indicated and coordinate fully with University Vivarium and Project Management Staff regarding scheduling.

2. Contractor to cover wall surfaces with Class A FRP panels using adhesive as recommended by FRP panel MFR. From top of epoxy floor base to ceiling. Joints between panels to be sealed with sealant (butt joints).

3. Cover ceiling surfaces with Class A FRP panels using adhesive as recommended by FRP panel MFR and rivets from FRP manufacturer. Contractor to remove all face plates and panel frames and cut FRP panels to fit around all permanent ceiling mounted items and to cleanly seal around all edges and protect non-removable items from sealant.

4. Contractor to document location of all removable wall mounted items and replace wall mounted items in same location after FRP panels are attached to the wall.

5. Contractor to temporarily remove wall mounted stainless steel bumpers and re-attach bumpers in same locations after FRP panels are attached to wall. Seal around all fasteners.

6. Contractor to verify all locations, quantities and removability of all wall and ceiling mounted items.

7. Contractor to remove all areas and sections of paint system completely detached from wall before adhering FRP panels.

8. All FRP panels and accessories to be Class A fire rated.

9. Contractor to provide (1) wall and (1) ceiling mock-up - full height of wall and section of ceiling prior to beginning construction. Mock-up locations to be selected by Owner and Architect. Finished mock-ups to be approved by Owner and Architect and will serve as a reference guide to construction scope and quality.

10. Items indicated on walls on example elevations (A6.01) are examples of typical items found on walls - contractor to verify all existing conditions and verify extent of scope in every work area indicated as part of the scope of the construction to simplify walls and ceilings with necessary items prior to installation of FRP.

PLAN WORK AREA KEY

WORK AREA 1: SUITE 1 EAST

WORK AREA 2: ALL REMAINING IN SUITE 2 WEST

WORK AREA 3: ALL REMAINING IN SUITE 2 EAST

WORK AREA 4: ALL REMAINING IN SUITE 1 WEST

WORK AREA 5: ALL REMAINING IN SUITE 1 EAST

WORK AREA 6: 401 B/C NORTH

WORK AREA 7: NORTH CAGE WASH TUNNEL

WORK AREA 8: NORTH CAGE WASH TUNNEL - HIGHLIGHTED WALLE

WORK AREA 9: WORK AREAS STAFF CORRIDORS (WALLS - HIGHLIGHTED WALLS)

PLAN NOTES

1. Contractor to attach Class A FRP panels to walls and ceilings in order of work areas indicated and coordinate fully with University Vivarium and Project Management Staff regarding scheduling.

2. Contractor to cover wall surfaces with Class A FRP panels using adhesive as recommended by FRP panel MFR. From top of epoxy floor base to ceiling. Joints between panels to be sealed with sealant (butt joints).

3. Contractor to verify all locations, quantities and removability of all wall and ceiling mounted items.

4. Contractor to remove all areas and sections of paint system completely detached from wall before adhering FRP panels.

5. All FRP panels and accessories to be Class A fire rated.

6. Contractor to provide (1) wall and (1) ceiling mock-up - full height of wall and section of ceiling prior to beginning construction. Mock-up locations to be selected by Owner and Architect. Finished mock-ups to be approved by Owner and Architect and will serve as a reference guide to construction scope and quality.

7. Items indicated on walls on example elevations (A6.01) are examples of typical items found on walls - contractor to verify all existing conditions and verify extent of scope in every work area indicated as part of the scope of the construction to simplify walls and ceilings with necessary items prior to installation of FRP.

VIVARIUM LEVEL TUNNEL FLOOR PLAN

MATCHLINE

RE: 1/A6.01 AND 2/A6.01
1. CONTRACTOR TO ATTACH CLASS A FRP PANELS TO ALL CEILINGS IN ORDER OF WORK AREAS INDICATED AND COORDINATE FULLY WITH UNIVERSITY VIVARIUM AND PROJECT MANAGEMENT STAFF REGARDING SCHEDULING.

2. PANELS TO HAVE CONTINUOUS SEALANT AT INTERSECTION BETWEEN CEILING PANELS.

3. COVER CEILING SURFACES WITH CLASS A FRP PANELS USING MASTIC AND RIVETS AS RECOMMENDED BY FRP PANEL MFR.

4. CONTRACTOR TO REMOVE ALL FACE PLATES AND PANEL FRAMES AND CUT FRP PANELS TO FIT AROUND ALL PERMANENT WALL MOUNTED ITEMS AND TO CLEANLY SEAL AROUND ALL EDGES AND PROTECT NON-REMOVABLE ITEMS FROM SEALANT.

5. CONTRACTOR TO DOCUMENT LOCATION OF ALL REMOVABLE CEILING MOUNTED ITEMS AND REPLACE CEILING MOUNTED IN SAME LOCATION AFTER FRP PANELS ARE ATTACHED TO THE CEILING.

6. CONTRACTOR TO VERIFY ALL LOCATIONS, QUANTITIES AND REMOVABILITY OF ALL CEILING MOUNTED ITEMS.

7. CONTRACTOR TO REMOVE ALL SECTIONS OF PAINT SYSTEM COMPLETELY DETACHED FROM CEILING BEFORE ADHERING FRP PANELS.

8. ALL FRP PANELS AND ACCESSORIES TO BE CLASS A FIRE RATED.

9. CONTRACTOR TO PROVIDE (1) WALL AND (1) CEILING MOCK-UPS - FULL HEIGHT OF WALL AND SECTION OF CEILING PRIOR TO BEGINNING CONSTRUCTION. MOCK-UP LOCATIONS TO BE SELECTED BY OWNER AND ARCHITECT. FINISHED MOCK-UPS TO BE APPROVED BY OWNER AND ARCHITECT AND WILL SERVE AS A REFERENCE GUIDE TO CONSTRUCTION SCOPE AND QUALITY.

10. ITEMS INDICATED ON CEILINGS ARE EXAMPLES OF TYPICAL ITEMS FOUND ON CEILINGS - CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND VERIFY EXTENT OF SCOPE.

11. CONTRACTOR TO SAMPLE WALLS AND CEILINGS WITH MOISTURE METER PRIOR TO INSTALLATION OF FRP.

* RE: NOTES IN SIMILAR SPACES FOR TYPICAL ITEMS

* RE: FLOOR PLANS FOR WORK AREAS

**RE: FLOOR PLANS FOR WORK AREAS**

**TYPICAL CEILING MOUNTED ITEMS**

- Fire Sprinkler Heads (throughout type)
- Fire Sprinkler Heads (high pressure)
- Security Camera (throughout type)
- Ceiling Raceway for Hard Wire
- Ceiling Mount Dia Light
- Access Hatch (throughout type)
- Ceiling Mount Dia Light
- Power Outlet Ceiling
- Access Hatch (throughout type)
- Ceiling Mount Dia Light
- Pipe Cover (throughout type)
- Ceiling Mount Dia Light
- Floor Drain
- Electrical Equipment
- Mechanical, Air/Heating, Cooling, etc.
- Wall/Ceiling Intersection Lighting

**REFLECTED CEILING PLAN NOTES**

1. Contractors to provide a complete list of all ceiling items indicated and coordinate fully with University Vivarium and Project Management team regarding scheduling.
2. Panels to have continuous sealant at intersections between ceiling panels.
3. Cover ceiling surfaces with Class A FRP panels using mastic and rivets as recommended by FRP panel manufacturer.
4. Contractors to remove all face plates and panel frames and cut FRP panels to fit around all permanent wall mounted items and clean seal around all edges and protect non-removable items from sealant.
5. Contractors to document location of all removable ceiling mounted items and replace ceiling mounted items in same location after FRP panels are attached to the ceiling.
6. Contractors to verify all locations, quantities and removability of all ceiling mounted items.
7. Contractors to remove all sections of paint system completely from walls and ceilings before adhering FFRP panels.
8. Contractors to provide samples of all materials to be used for test purposes.
9. Contractors to remove all items of paint system completely from walls and ceilings before adhering FFRP panels.
10. Contractors to verify and document all locations and conditions of ceiling system.

**VIVARIUM LEVEL TUNNEL RCP**

- Wall/Ceiling Intersection Lighting
- Access Hatch
- Ceiling Mount Dia Light
- Pipe Cover
- Electrical Equipment
- Mechanical, Air/Heating, Cooling, etc.
- Fire Sprinkler Heads (throughout type)
- Security Camera (throughout type)
- Ceiling Raceway for Hard Wire
- Ceiling Mount Dia Light
- Power Outlet Ceiling
- Access Hatch (throughout type)
- Ceiling Mount Dia Light
- Pipe Cover (throughout type)
- Ceiling Mount Dia Light
- Floor Drain
- Electrical Equipment
- Mechanical, Air/Heating, Cooling, etc.
- Wall/Ceiling Intersection Lighting

**MATCHLINE**
ELEVATION NOTES

1. Contractor to cover wall surfaces with FRP panels using adhesive as recommended by FRP panel manufacturer from top of epoxy floor base to ceiling. All panel joints are to be sealed with sealant (butt joints), including panel to the ceiling at existing cove base and cove to wall.

2. Contractor to cover all face plates and panels frames with but joint sealant between panels to prevent water permeation. Where applicable, contractor to cover all wall mounted items with but joints, including panel to the top of the existing cove base and ceiling. All panel joints are to be sealed with sealant (butt joints), including panel to the ceiling at existing cove base and cove to wall.

3. Contractor to verify all locations, quantities and removability of all wall and ceiling mounted items.

4. Contractor to temporarily remove wall mounted stainless steel bumpers and reattach in the same location after FRP panels are attached to the wall.

5. Contractor to remove all sections of paint system completely detached from wall before adhering FRP panels.

6. Example elevations are diagramatic to show the commonly found items on the walls of the spaces. The example elevations do not depict every wall mounted item located in each type of space. Height, size, shape and configurations are diagramatic and do not necessarily represent the exact nature of each object nor its relation to another object.

7. Example elevations are diagramatic to show the commonly found items on the walls of the spaces. The example elevations do not depict every wall mounted item located in each type of space. Height, size, shape and configurations are diagramatic and do not necessarily represent the exact nature of each object nor its relation to another object.

8. Full panels are used for walls and ceilings as much as possible and provide layout so no panels are less than 12” wide. Layout walls and ceilings to align joints horizontally and vertically.

9. Butt joint sealant between panels. Butt joint sealant at frames. Butt joint sealant at wall to ceiling intersection. Full panel widths or as wide as possible - single panel for full height of wall - layout panels so no panel is less than 12” wide.

10. Remove / reinstall face plates at all locations possible. Sealant joints around all items without removable face plates (cabinets, sinks and hood may not exist in some rooms).

11. Layout panels so full panels are used for walls and ceilings as much as possible and provide layout so no panels are less than 12” wide. Layout walls and ceilings to align joints horizontally and vertically.