TO: All Contract Bidders of Record

The following changes are hereby made a part of the Plans and Specifications the same as if written therein.

Acknowledge receipt of this addendum by inserting its number and date in the Contractor’s Bid Proposal. Failure to do so may subject bidder to disqualification. This addendum forms a part of the Contract Documents and modifies them as follows:

**CLARIFICATIONS:**

Item No. 1:
Pre-bid Meeting:

Meeting is scheduled to be held in the Dillard Building - Room 329 as outlined in the RFP at the stated date and time. After the initial comments and question time the meeting will move the project site and contractors will be allowed to walk the Daniel building and ask additional questions of the design team and owners representatives.

**SPECIFICATIONS:**

Item No. 2:
Request for Proposals
Page 3, 1.2 Issuing Office:
The correct Issuing Office address is: 2733 Midwestern Parkway (new location) instead of 3410 Taft Blvd., Daniel Bldg., Room 200

Item No. 3:
Section 084413 Glazed Aluminum Curtain Wall:
Add the section to the project specifications, see attached to this addendum.
**DRAWINGS:**

**Item No. 4:**
Sheet AD102: Second Floor Demolition
At Stair “C” the existing door on the upper level shall remain as existing and not be removed in this phase.

**Item No. 5:**
Sheet A102: First Floor Plan - Notes
Replace drawing A102 issued 08/24/2020 with the attached drawing A102.
Changes include:

1. Refer attached revised sheet A102 showing new line of flooring type change at Seating A102B.
2. Add section marker labeled 1/A803 running East/West through Elevator shaft and remove section marker labeled 5/A405.
3. Add section marker labeled 5/A405 running East/West through East wall of Mens Restroom A123 behind the urinals.
5. At Storage A131 change the finish (flooring) indicator to 3-E-1 in lieu of 10-E-1.
6. At Coffee A130 change the finish (flooring) indicator to 3-C-4/5 in lieu of 10-C-4/5.
7. Change keynotes located near door A145 and A145A to 41 in lieu of 43.

**Item No. 6:**
Sheet A102/A103: Legend
Change Corner Guard height to 8’-0” tall in lieu of 4’-0”

**Item No. 7:**
Sheet A102/A103/A104: Room Material Code List
Change Walls/Wainscot section “C” to read “Porcelain Wall Tile, Refer Interior Elevations for Type and Locations”.

**Item No. 8:**
Sheet A102/A103/A104: Keynotes
Change note 7 to read “Plate mirror mounted @ 38” AFF to bottom per interior elevations”.

**Item No. 9:**
Sheet A103: Second Floor Plan - Notes
Add section marker labeled 1/A803 running East/West through Elevator shaft and remove section marker labeled 5/A405.

**Item No. 10:**
Sheet A103: Second Floor Plan - Notes
Add Keynote 28 for fire extinguisher cabinets at locations listed below.
- West wall of Passage A202
- South wall of Stair B A211
- West wall of Stair D A206
DRAWS CONT’D:

Item No. 11:
Sheet A103: Second Floor Plan - Notes
Add Keynote 29 for fire extinguisher at locations listed below.
- North wall of Existing Mech./Elec. Room to right of door
- North wall of AHU Room A210 next to door
- East wall of AHU Room A209 next to door
- South wall of AHU Room A208 next to door

Item No. 12:
Sheet A104: Enlarged plans
Replace drawing A104 issued 08/24/2020 with the attached drawing A104.
Changes include:

1. 6 Enlarged Coffee Plan - Add Keynote 29 for fire extinguisher at South wall of Storage A131, remove keynote 29 on North wall
2. 6 Enlarged Coffee Plan - At Restroom G104 change the finish (flooring) indicator to 1-B-1 in lieu of 2-B-1.
4. 7 Floor Plan – Add. Alt. #2
5. At Multi-Purpose Room A139 change the finish (ceiling) indicator to 8-F-3/5 in lieu of 8-F-1/5.
6. 5 Enlarged Public Restrooms - Changes to the standard and ambulatory toilet stall dimensions and door sizes.

Item No. 13:
Sheet A201: Door & Window Schedule
Replace drawing A201 issued 08/24/2020 with the attached drawing A201.
Changes include:

1. Door Schedule – Change opening A142 construction type to HM and frame type to HM in lieu of AL.
2. Door Schedule – Change openings A110 and A114 door elevations type to B in lieu of A.
3. Window Schedule – See revised sheet for changes to overall height of window type A & C and for updated section marks for all windows in clouded area.

Item No. 14:
Sheet A405 Partition Sections:
Replace drawing A405 issued 08/24/2020 with the attached drawing A405.
Changes include: Addition of partition 5 for chase at urinal wall of Men’s Restroom.

Item No. 15:
Sheet A406 Wall Sections:
Replace drawing A406 issued 08/24/2020 with the attached drawing A406.
Changes include: Changes to reflect structural drawings, refer clouded area.
DRAWINGS CONT’D:

Item No. 16:
Sheet A503 Interior Details:
Replace drawing A405 issued 08/24/2020 with the attached drawing A405.
Changes include: Additional exterior details 1-4

Item No. 17:
Sheet A504 Roof Details:
Detail 1 – Change reference key for metal scupper note to 7/A504

Item No. 18:
Sheet M001 Mechanical General Notes & Legends:
Replace drawing M001 issued 08/24/2020 with the attached drawing M001.
General notes have been updated to meet college requirement.

Item No. 19:
Sheet M002 Mechanical Schedules:
Replace drawing M002 issued 08/24/2020 with the attached drawing M002.

Item No. 20:
Sheet M002: Mechanical Schedules
Mechanical schedules have been updated.
1. Basis of design of exhaust fans, and air hood has been updated.
2. Approved AHU VFD manufacturer has been changed to meet college requirement.
3. AHU-2 electrical data and weight have been updated
4. Transfer air grille type “P” has been added.

Item No. 21:
Sheet M201: First Floor Mechanical Plan
Replace drawing M201 issued 08/24/2020 with the attached drawing M201.
Changes include:
1. Adding transfer air path from community commons to Multi-purpose space.
2. Air device type and associated ductwork has been changed in Corridor A134 and East vestibule A133, Entry A116
3. Main supply and return duct locations in Suite C and suite D has been relocated.
4. Transfer air ducts have been provided in between Suite E and Suite F.

Item No. 22:
Sheet M202: Second Floor Mechanical Plan
Replace drawing M202 issued 08/24/2020 with the attached drawing M202.
Changes include:
1. AHU-3 and AHU-4 main duct chases have been relocated.
2. Air device type in East Entry 114 has been updated. Associated ductwork has been modified.
3. Existing fan coil unit and ductwork that serving 2nd floor core area is shown.
DRAWS CONT’D:

Item No. 23:
Sheet M203: Mechanical Roof Plan
Adding equipment tag.

Item No. 24:
Sheet E202: Second Floor Power Plan
AHU-2 breaker is changed to 30 Amps from 45 Amps

END OF ADDENDUM
RFP#735-20-8225
Daniel Building Renovation

Questions from Contractors/Vendors

August 10, 2020

1. Could you tell me what the estimated budget is for this project?
   Response: (SW/KO) Estimated Construction Cost is $4.2 MM.

2. I am currently working on our proposal for the Daniel Building renovation project on the cover of the drawings it stated pages A801, A802, A803 are issued by addendum. When can we expect for this addendum will be released or will it be discussed at the site visit on the 17th of September?
   Response: There is an addendum scheduled to be released by September 15, 2020

3. Clarification: if bidders drop off a hard copy for bid submission.

   The correct address is: 2733 Midwestern Parkway (new location) instead of 3410 Taft Blvd., Daniel Bldg., Room 200
PART 1 - GENERAL

1.1 SUMMARY

A. Section includes glazed aluminum curtain walls.

B. For Structural Requirements see “Structural General Notes”.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: Include plans, elevations, sections, full-size details, and attachments to other work.
   1. Show connection to and continuity with adjacent thermal, weather, air, and vapor barriers.

C. Samples: For each exposed finish required.

D. Delegated-Design Submittal: For glazed aluminum curtain walls indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.4 INFORMATIONAL SUBMITTALS

A. Energy Performance Certificates: NFRC-certified energy performance values from manufacturer.

B. Product test reports.

C. Field quality-control reports.

D. Sample warranties.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance data.
1.6 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

B. Product Options: Information on Drawings and in Specifications establishes requirements for aesthetic effects and performance characteristics of assemblies. Aesthetic effects are indicated by dimensions, arrangements, alignment, and profiles of components and assemblies as they relate to sightlines, to one another, and to adjoining construction.

1. Do not change intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If changes are proposed, submit comprehensive explanatory data to Architect for review.

1.7 WARRANTY

A. Special Assembly Warranty: Manufacturer agrees to repair or replace components of glazed aluminum curtain wall that do not comply with requirements or that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Five years from date of Substantial Completion.

B. Special Finish Warranty: Standard form in which manufacturer agrees to repair finishes or replace aluminum that shows evidence of deterioration of factory-applied finishes within specified warranty period.

1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design glazed aluminum curtain walls. For Structural Requirements see “Structural General Notes”.

B. General Performance: Comply with performance requirements specified, as determined by testing of glazed aluminum curtain walls representing those indicated for this Project without failure due to defective manufacture, fabrication, installation, or other defects in construction.

1. Glazed aluminum curtain walls shall withstand movements of supporting structure including, but not limited to, story drift, twist, column shortening, long-term creep, and deflection from uniformly distributed and concentrated live loads.
2. Failure also includes the following:
   a. Thermal stresses transferring to building structure.
   b. Glass breakage.
   c. Noise or vibration created by wind and thermal and structural movements.
   d. Loosening or weakening of fasteners, attachments, and other components.
e. Failure of operating units.

C. Structural Loads:

1. Wind Loads: As indicated on Structural Drawings. See structural notes.

D. Deflection of Framing Members: At design wind pressure, as follows:

1. Deflection Normal to Wall Plane: Limited to $\frac{1}{175}$ of clear span for spans up to 13 feet 6 inches (4.1 m) and to $\frac{1}{240}$ of clear span plus $\frac{1}{4}$ inch (6.35 mm) for spans greater than 13 feet 6 inches (4.1 m) or an amount that restricts edge deflection of individual glazing lites to $\frac{3}{4}$ inch (19.1 mm), whichever is less.
2. Deflection Parallel to Glazing Plane: Limited to $\frac{1}{360}$ of clear span or $\frac{1}{8}$ inch (3.2 mm), whichever is smaller.
   a. Operable Units: Provide a minimum $\frac{1}{16}$-inch (1.6-mm) clearance between framing members and operable units.
3. Cantilever Deflection: Where framing members overhang an anchor point, as follows:
   a. Perpendicular to Plane of Wall: No greater than $\frac{1}{240}$ of clear span plus $\frac{1}{4}$-inch (6.35-mm) for spans greater than 11 feet 8-1/4 inches (3.6 m) or $\frac{1}{175}$ times span, for spans less than 11 feet 8-1/4 inches (3.6 m).

E. Structural: Test according to ASTM E 330 as follows:

1. When tested at positive and negative wind-load design pressures, assemblies do not evidence deflection exceeding specified limits.
2. When tested at 150 percent of positive and negative wind-load design pressures, assemblies, including anchorage, do not evidence material failures, structural distress, or permanent deformation of main framing members exceeding 0.2 percent of span.
3. Test Durations: As required by design wind velocity, but not less than 10 seconds.

F. Air Infiltration: Test according to ASTM E 283 for infiltration as follows:

1. Fixed Framing and Glass Area:
   a. Maximum air leakage of 0.06 cfm/sq. ft. (0.30 L/s per sq. m) at a static-air-pressure differential of $6.24 \text{ lbf/sq. ft. (300 Pa)}$.

G. Water Penetration under Static Pressure: Test according to ASTM E 331 as follows:

1. No evidence of water penetration through fixed glazing and framing areas when tested according to a minimum static-air-pressure differential of 20 percent of positive wind-load design pressure, but not less than 12 lbf/sq. ft. (575 Pa).

H. Energy Performance: Certify and label energy performance according to NFRC as follows:

1. Thermal Transmittance (U-factor): Fixed glazing and framing areas shall have U-factor of not more than $0.45 \text{ Btu/sq. ft. x h x deg F (2.55 W/sq. m x K)}$ as determined according to NFRC 100.
2. Solar Heat Gain Coefficient: Fixed glazing and framing areas shall have a solar heat gain coefficient of no greater than 0.40 as determined according to NFRC 200.
3. Condensation Resistance: Fixed glazing and framing areas shall have an NFRC-certified condensation resistance rating of no less than 67 as determined according to NFRC 500.

I. Thermal Movements: Allow for thermal movements resulting from ambient and surface temperature changes:

   1. Temperature Change: 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), material surfaces.

2.2 MANUFACTURERS

   A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

   B. Basis-of-Design Product: Subject to compliance with requirements, provide Kawner 1600 System 1 or comparable product by one of the following:

      1. EFCO Corporation.
      3. United States Aluminum.

2.3 FRAMING

   A. Framing Members: Manufacturer's extruded- or formed-aluminum framing members of thickness required and reinforced as required to support imposed loads.

      2. Glazing System: Retained mechanically with gaskets on four sides.
      5. Fabrication Method: Either factory and/or field-fabricated system.

   B. Pressure Caps: Manufacturer's standard aluminum components that mechanically retain glazing.

      1. Include snap-on aluminum trim that conceals fasteners.

   C. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with nonstaining, nonferrous shims for aligning system components.

   D. Materials:

      1. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.

         c. Extruded Structural Pipe and Tubes: ASTM B 429/B 429M.
         d. Structural Profiles: ASTM B 308/B 308M.
2. Steel Reinforcement: Manufacturer's standard zinc-rich, corrosion-resistant primer complying with SSPC-PS Guide No. 12.00; applied immediately after surface preparation and pretreatment. Select surface preparation methods according to recommendations in SSPC-SP COM, and prepare surfaces according to applicable SSPC standard.
   a. Structural Shapes, Plates, and Bars: ASTM A 36/A 36M.
   b. Cold-Rolled Sheet and Strip: ASTM A 1008/A 1008M.
   c. Hot-Rolled Sheet and Strip: ASTM A 1011/A 1011M.

2.4 GLAZING
   A. Glazing: Comply with Section 088000 "Glazing."
   B. Glazing Gaskets: Manufacturer's standard sealed-corner pressure-glazing system of black, resilient elastomeric glazing gaskets, setting blocks, and shims or spacers.
   C. Glazing Sealants: As recommended by manufacturer.
   D. Sealants used inside the weatherproofing system shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

2.5 FABRICATION
   A. Form or extrude aluminum shapes before finishing.
   B. Weld in concealed locations to greatest extent possible to minimize distortion or discoloration of finish. Remove weld spatter and welding oxides from exposed surfaces by descaling or grinding.
   C. Fabricate components that, when assembled, have the following characteristics:
      1. Profiles that are sharp, straight, and free of defects or deformations.
      2. Accurately fitted joints with ends coped or mitered.
      3. Physical and thermal isolation of glazing from framing members.
      4. Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.
      5. Provisions for field replacement of glazing from exterior.
      6. Fasteners, anchors, and connection devices that are concealed from view to greatest extent possible.
      7. Components curved to indicated radii.
   D. Fabricate components to resist water penetration as follows:
      1. Internal guttering system or other means to drain water passing joints, condensation occurring within framing members, and moisture migrating within glazed aluminum curtain wall to exterior.
2. Pressure-equalized system or double barrier design with primary air and vapor barrier at interior side of glazed aluminum curtain wall and secondary seal weeped and vented to exterior.

E. Factory-Assembled Frame Units:
1. Rigidly secure nonmovement joints.
2. Prepare surfaces that are in contact structural sealant according to sealant manufacturer's written instructions to ensure compatibility and adhesion.
3. Preparation includes, but is not limited to, cleaning and priming surfaces.
4. Seal joints watertight unless otherwise indicated.
5. Install glazing to comply with requirements in Section 088000 "Glazing."

F. After fabrication, clearly mark components to identify their locations in Project according to Shop Drawings.

2.6 ALUMINUM FINISHES
A. Clear Anodic Finish: #14 Clear Anodized Aluminum AAMA 611, AA-M12C22A41, Architectural Class I, 0.7 mils or thicker.

PART 3 - EXECUTION

3.1 INSTALLATION
A. General:
1. Comply with manufacturer's written instructions.
2. Do not install damaged components.
3. Fit joints to produce hairline joints free of burrs and distortion.
4. Rigidly secure nonmovement joints.
5. Install anchors with separators and isolators to prevent metal corrosion and electrolytic deterioration and to prevent impeding movement of moving joints.
6. Where welding is required, weld components in concealed locations to minimize distortion or discoloration of finish. Protect glazing surfaces from welding.
7. Seal joints watertight unless otherwise indicated.

B. Metal Protection:
1. Where aluminum is in contact with dissimilar metals, protect against galvanic action by painting contact surfaces with primer, applying sealant or tape, or installing nonconductive spacers as recommended by manufacturer for this purpose.
2. Where aluminum is in contact concrete or masonry, protect against corrosion by painting contact surfaces with bituminous paint.

C. Install components to drain water passing joints, condensation occurring within framing members, and moisture migrating within glazed aluminum curtain wall to exterior.

D. Install components plumb and true in alignment with established lines and grades.
Install glazing as specified in Section 088000 "Glazing."

3.2 FIELD QUALITY CONTROL

A. Subcontractor and Manufacturer Rep shall perform water test per below:

B. Test Area: Perform tests on **one bay at least 30 feet (9.1 m), by one story or representative areas of glazed aluminum curtain walls.**

C. Field Quality-Control Testing: Perform the following test on **representative areas of glazed aluminum curtain walls.**

1. Water-Spray Test: Before installation of interior finishes has begun, areas designated by Architect shall be tested according to AAMA 501.2 and shall not evidence water penetration.

   a. Perform a minimum of **three** tests in areas as directed by Architect.

D. Glazed aluminum curtain walls will be considered defective if they do not pass tests and inspections.

E. Prepare test and inspection reports.

END OF SECTION 084413
### INDOOR HYDRONIC AIR HANDLER SCHEDULE

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<thead>
<tr>
<th>MANUFACTURER AND MODEL</th>
<th>REMARKS</th>
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<tr>
<td>ARMSTRONG/ 4300 1,2,3,4,5,6</td>
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<td>TWIN CITY/ T900L X 1,2,3,4,5,6,7,8</td>
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### DX DUCTLESS SPLIT SYSTEM HEAT PUMP SCHEDULE

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<th>D.B. F.</th>
<th>W.B. F.</th>
<th>(Ibs)</th>
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### Duct Schedule

| SUPPLY | RETURN | EXHAUST | TRANSFER | | |
|--------|--------|---------|----------|---|
| 10" 24" X 24" LAY-IN LOUVERED TITUS OMNI 1,2,3,4,5,6,8 | 22" X 22" | 24" X 24" LAY-IN | 32" X 14" SIDE WALL PERFORATED TITUS 8F 1,2,3,5 | | |

### Air Hood Schedule

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<tr>
<th>MANUFACTURER AND MODEL</th>
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<tr>
<td>ARMSTRONG IS BASIS OF DESIGN. CONTRACTOR IS RESPONSIBLE IN VARIATION TO FIT AND ELECTRICAL SERVICE.</td>
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### Air Device Schedule

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### Fan Schedule

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### Pump Schedule

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### Air Conditioning Schedule

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### HVAC System Schedules

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1. PROVIDE WITH LG HARD WIRED THERMOSTAT AND CONDENSATE PUMP
2. PROVIDE FILTER DRYER AND SIGHT GLASS ON THE DX LINE.
3. PROVIDE UNIT WITH FACTORY CONDENSTAE PUMP. VERIFY PUMP HEAD WITH CONDITIONS IN THE FIELD. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
4. CONDENSING UNIT IS A SINGLE POINT OF POWER CONNECTION. CONDENSING UNIT POWERS ASSOCIATED AIR HANDLER FROM TERMINAL STRIP LOCATED ON CONDENSING UNIT. FOLLOW MANUFACTURER’S RECOMMENDED GUIDELINES.
5. PROVIDE WITH MANUFACTURER BACNET CARD FOR MIGRATING INTO EXISTING BAS SYSTEM.

---

1. PROVIDE WITH SPECIFIED GRAVITY BACKDRAFT DAMPER
2. PROVIDE WITH INSECT SCREEN.
3. PROVIDE WITH MOTORIZED DAMPER. MOTORIZED DAMPER INTERLOCKED WITH AHU CONTROLLER.
4. PROVIDE WITH HINGED OPENING
5. PROVIDE WITH STATION SUPPORTS FOR PAD MOUNTING.

---

1. PROVIDE WITH SPECIFIED GRAVITY BACKDRAFT DAMPER
2. PROVIDE WITH INSECT SCREEN.
3. PROVIDE WITH MOTORIZED DAMPER. MOTORIZED DAMPER INTERLOCKED WITH AHU CONTROLLER.
4. PROVIDE WITH HINGED OPENING
5. PROVIDE WITH STATION SUPPORTS FOR PAD MOUNTING.
1 PROVIDE TRANSFER AIR PATH WITH 12/12 DUCT. PROVIDE TYPE "H", 12/12 NECK SIZE, 24/24 FACE SIZE TRANSFER AIR GRILLE IN 10/10 SUPPLY DUCT UP THROUGH THE FLOOR ABOVE. RE: M202 FOR CONTINUATION.

CONTRACTOR SHALL PROVIDE AND INSTALL MECHANICAL EQUIPMENT WITH MANUFACTURER'S RECOMMENDED CLEARANCE. WITH ASSOCIATED AHU. MOTORIZED DAMPER SHALL BE FULLY CLOSED WHEN ASSOCIATED AHU IS OFF.

PROVIDE 32/12 TRANSFER AIR DUCT IN THIS LOCATION. PROVIDE TRANSFER AIR DUCT AS HIGH AS POSSIBLE.

PROVIDE 48/16 TRANSFER AIR DUCT IN THIS LOCATION. PROVIDE TRANSFER AIR DUCT AS HIGH AS POSSIBLE.
M202 - GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION PRIOR TO ORDERING OR FABRICATING ANY MECHANICAL EQUIPMENT.

2. CONTRACTOR SHALL PROVIDE AND INSTALL MECHANICAL EQUIPMENT WITH MANUFACTURER'S RECOMMENDED ACCESSORIES, FITTINGS, AND DUCTWORK IN BASE BID.

3. CONTRACTOR SHALL PROVIDE MOTORIZED DAMPER AND MANUAL BALANCE DAMPER ON THE VERTICAL RISE DUCT. MOTORIZED DAMPER SHALL INTERLOCK WITH ASSOCIATED AHU. MOTORIZED DAMPER SHALL BE FULLY CLOSED WHEN ASSOCIATED AHU IS OFF.

4. PROVIDE HORIZONTAL FAN COIL UNIT WITH MANUFACTURER'S MIXING BOX. REFER TO MECHANICAL EQUIPMENT SCHEDULES.

5. PROVIDE TRANSFER AIR OPENING IN THIS LOCATION. PROVIDE TRANSFER AIR OPENING AS HIGH AS POSSIBLE.

6. SUPPLY DUCT DOWN THROUGH THE FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

7. EXHAUST DUCT UP THROUGH THE ROOF AND TERMINATE WITH EXHAUST AIR HOOD. RE: 1/M203.

8. EXHAUST DUCT UP THROUGH THE ROOF AND TERMINATE WITH EXHAUST AIR HOOD. RE: 1/M203.

9. SUPPLY DUCT DOWN THROUGH THE FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

10. SUPPLY DUCT DOWN THROUGH THE FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

11. SUPPLY DUCT DOWN THROUGH THE FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

12. O/A DUCT UP THROUGH THE ROOF AND TERMINATE AT ROOF WITH O/A INTAKE AIR HOOD. CONTRACTOR SHALL PROVIDE MOTORIZED DAMPER AND MANUAL BALANCE DAMPER ON THE VERTICAL RISE DUCT. MOTORIZED DAMPER SHALL INTERLOCK WITH ASSOCIATED AHU. MOTORIZED DAMPER SHALL BE FULLY CLOSED WHEN ASSOCIATED AHU IS OFF.

13. PROVIDE 48/16 TRANSFER AIR OPENING IN THIS LOCATION.

14. 12/14 EXHAUST DUCT UP THROUGH THE ROOF AND TERMINATE WITH EXHAUST AIR HOOD. RE: 1/M203.

15. 8" DIA SUPPLY DUCT DOWN TO FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

16. 18/10 SUPPLY DUCT DOWN THROUGH THE FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

17. 20/10 SUPPLY DUCT DOWN THROUGH THE FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

18. 12/14 EXHAUST DUCT UP THROUGH THE ROOF AND TERMINATE WITH EXHAUST AIR HOOD. RE: 1/M203.

19. 8" DIA SUPPLY DUCT DOWN TO FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

20. 14/14 EXHAUST DUCT UP THROUGH THE ROOF AND TERMINATE WITH EXHAUST AIR HOOD. RE: 1/M203.

21. THIS EQUIPMENT IS FOR ALTERNATE 2. CONTRACTOR SHALL NOT INCLUDE THIS EQUIPMENT AND ALL ASSOCIATED ACCESSORIES, FITTINGS, AND DUCTWORK IN BASE BID.

22. 22/12 SUPPLY DUCT DOWN TO FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

23. 14/12 SUPPLY DUCT DOWN TO FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

24. 10"Ø 22"/10" RISER

25. 8"Ø 22"/10"

26. 10"Ø 22"/30"

27. 38/14 SUPPLY DUCT DOWN TO FLOOR BELOW. RE: 1/M201 FOR CONTINUATION.

28. 6" EXHAUST DUCT UP THROUGH THE ROOF AND TERMINATE WITH EXHAUST AIR HOOD. RE: 1/M203.

29. 30"/12" EXISTING DUCT TO REMAIN.

30. EXISTING MECHANICAL EQUIPMENT AND ALL ASSOCIATED ACCESSORIES, FITTINGS, AND SUPPORTS TO REMAIN.