**GENERAL REQUIREMENTS**

Comply with the requirements of the International Building Code, Florida Building Code and the Florida Administrative Code. In the event of a conflict between this contract document and the administrative code or the building code, the most stringent requirements shall govern. The Contractor shall be responsible for receiving all change orders and maintaining a complete history of changes to the contract documents.

**METALS**

Use S4S dressed, 19% max. moisture content. No. 2 Guard.

**SONOLASTIC® POLYSULFIDE SEALANT**

Provide 2 coats of 800 Series, single part, Saginaw, Grade II, Type C, Class S, 90 psi Maximum Ultimate Modulus. Include all necessary equipment and tools. Provide all necessary labor to prepare the substrate and perform the work.

**MAY 2019**

Annual Review of the Construction Documents, Foundation Frame, Design details and general conditions.

**JUNE 2019**

Building Perspectives, Provide shop drawings, fabrication details and materials consistent with scale drawings and materials lists. Drawings shall be consistent with façade design and shall include details of materials, fasteners, grout, and sealant. Provide all necessary labor to prepare the substrate and perform the work.

**JULY 2019**

Building Sections: Provide shop drawings, foundation frame, design details and general conditions.

**AUGUST 2019**

Steel Framing: Provide shop drawings, foundation frame, design details and general conditions.

**SEPTEMBER 2019**

Stainless Steel: Provide shop drawings, foundation frame, design details and general conditions.

**OCTOBER 2019**

Structural Concrete: Provide shop drawings, foundation frame, design details and general conditions.

**NOVEMBER 2019**

Concrete Masonry: Provide shop drawings, foundation frame, design details and general conditions.

**DECEMBER 2019**

**2020**

Carpet: Provide shop drawings, foundation frame, design details and general conditions.

**2021**

Paint:

- Provide shop drawings, foundation frame, design details and general conditions.
- Provide all necessary labor.

**2022**

Seals:

- Provide shop drawings, foundation frame, design details and general conditions.
- Provide all necessary labor.

**2023**

Gutters:

- Provide shop drawings, foundation frame, design details and general conditions.
- Provide all necessary labor.

**2024**

Window and Door Systems:

- Provide shop drawings, foundation frame, design details and general conditions.
- Provide all necessary labor.

**2025**

HVAC Systems:

- Provide shop drawings, foundation frame, design details and general conditions.
- Provide all necessary labor.

**NOTES**

* Stone and Glass: Provide shop drawings, foundation frame, design details and general conditions.
* Roofing and Waterproofing: Provide shop drawings, foundation frame, design details and general conditions.

**APALACHEE REGIONAL CROSS COUNTRY VENUE**

**Region**

Florida

**Architect**

Barnett Fronczak Barlowe & Shuler, Architects

**Engineer**

Reynolds Construction

**Contractor**

**Bid Documents**

04 OCTOBER 2019

**A0.0**

**ARCHITECTURAL SPECIFICATIONS**

**Sections**

- Table of Contents
- General Requirements
- Metals
- Wood and Plastics
- Paint
- Glass, Glazing, and Finishes
- Sealants
- Stairs and Elevators
- Metalworking and Sheet Metal
- Electrical Systems
- Mechanical Systems
- Plumbing Systems
- Interior Finishes
- Exterior Finishes
- Roofing
- Site Development

**Figures**

- Figures 1-10

**Tables**

- Table 1-10
**WALL PARTITION SCHEDULE**

**MARK** | **RATING** | **SYMBOL** | **PLAN SECTION** | **ASSEMBLY** | **REMARKS**
--- | --- | --- | --- | --- | ---
Mark 1 | P - 2 | | | |Bituminous Dampproofing over CMU. Interior side.
Mark 2 | P - 1 | | | |8" Concrete Masonry Unit - Scored Face (See Remarks).
Mark 3 | P - 3 | | | |8" Concrete Masonry Unit - Smooth Face (See Remarks).
Mark 4 | P - 4 | | | |2x6 Wood Studs @ 16" O.C.
Mark 5 | P - 5 | | | |Bituminous Dampproofing over CMU. Interior side.

**NOTES**

- **Copyright Barnett Fronczak Barlowe & Shuler, Architects. All rights Reserved.**
- **2074 Centre Pointe Blvd, Tallahassee, FL 32308**
- **Phone 850-224-6301**
- **www.bfbsa.com**

**APALACHEE REGIONAL CROSS COUNTRY VENUE**

**PARTITION SCHEDULE**

**Attachment A**
### Door Frame Types

<table>
<thead>
<tr>
<th>Mark</th>
<th>Width</th>
<th>Height</th>
<th>Thickness</th>
<th>Door Type</th>
<th>Door Finish</th>
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### Door Types

General Note:
See Door Schedule for Glazing Types
Interior Doors - Steel Doors & Frames
Exterior Doors - Steel Galvanized Doors & Frames

### Door Schedule

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</table>

### Additional Notes

- All windows: using low-e and or tempered glass
- ADA compliant threshold
- Joint sealant (continuous) each side
- 2" x 4 1/2" aluminum bed of sealant
- Cast in place concrete walk
- 1/2" expansion joint
- New CMU wall - see structural
- New CMU lintel - see structural
- 180 degree door swing
- Maintain 3/4" (max.) to allow for union movement
- See door schedule
- H.M. frame grout solid
- Joint sealant (continuous) each side
- See door schedule
- See door schedule
- See door schedule
- See door schedule
- See door schedule
TOILET PAPER DISPENSER
(SEE SPECIFICATIONS FOR BASIS OF DESIGN)
SOAP DISPENSER
(SEE SPECIFICATIONS FOR BASIS OF DESIGN)
MIRROR
(SEE SPECIFICATIONS FOR BASIS OF DESIGN)
ADA GRAB BAR
(SEE SPECIFICATIONS FOR BASIS OF DESIGN)
BABY CHANGING STATION
(SEE SPECIFICATIONS FOR BASIS OF DESIGN)
UNDER SINK PLUMBING PROTECTION
(SEE SPECIFICATIONS FOR BASIS OF DESIGN)
HAND DRYER
(SEE SPECIFICATIONS FOR BASIS OF DESIGN)

NOTE:
INSTALL ITEMS IN ACCORDANCE W/ CS-2

APALACHEE REGIONAL CROSS COUNTRY VENUE
INTERIOR
RESTROOM ELEVATIONS

BID DOCUMENTS
04 OCTOBER 2019

BID DOCUMENTS
INTERIOR
RESTROOM ELEVATIONS

Attachment A
## ROOM FINISH SCHEDULE

<table>
<thead>
<tr>
<th>WT</th>
<th>ROOM NAME</th>
<th>FLOOR</th>
<th>BASE</th>
<th>NORTH</th>
<th>SOUTH</th>
<th>EAST</th>
<th>WEST</th>
<th>CEILING MATERIAL</th>
<th>CEILING HEIGHT</th>
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<td>BS-1</td>
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<td>SC-1</td>
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### FINISH MATERIAL LEGEND

- **SC-1**: SEALED CONCRETE
- **BS-1**: VINYL WALL BASE
- **PT-1**: INTERIOR LATEX PAINT
- **PT-2**: EXTERIOR LATEX PAINT
- **PT-3**: INTERIOR LATEX PAINT
- **PT-4**: INTERIOR LATEX PAINT
- **BR-1**: ACMEMODULAR BRICK CREAM COLOR - BARK FINISH

### NOTES

1. **ID1.1**
2. **3/16" = 1'-0"
3. **1/4" = 1'-0"**

---

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2074 Centre Pointe Blvd, Tallahassee, FL 32308

Phone 850-224-6301, www bfbsa com

**Revisions**

- **04 OCTOBER 2019**

**Project Code**: 04 OCTOBER 2019

**Drawn By**: JF

**Checked By**: JF

**APALACHEE REGIONAL CROSS COUNTRY VENUE**

**FINISHES**

**ID1.1**

**FLOOR PLAN - FINISHES**

**ENLARGED RR I - FINISHES**

**ENLARGED RR II - FINISHES**

**ATTACHMENT A**
6. Refrigerant pipes shall be sized by the equipment manufacturer.

VSD Variable Speed Drive

VFD Variable Frequency Drive

HVAC Legend,

TSP Total Static Pressure

3. All exterior piping insulation shall be protected from UV radiation. Cover

1. Above finished floor: Copper tubing-Type "L" hard drawn temper with

2. MBH 1,000 BTUS per hour

3. LWT Leaving Water Temperature

4. LAT Leaving Air Temperature

HWS Hot Water Supply

Project Code

1. Material: Class "A" galvanized steel or rolled steel in compliance with

SMACNA 205-3RD EDITION Low/Medium Pressure Duct Standards Table 1.1.

1. Duct material

1. Condensate drain piping shall be schedule 40 PVC with

2. Exhaust air

3. Refrigeration condensing unit

Cement board

OEM equipment shall be sized by the equipment manufacturer.

Attachment A
**DETAILS - HVAC**

**Scale:** None

**5 October 2019**

1. **FLEXIBLE AIR DUCT** shall not be less than 5 feet for acoustical purposes.

2. **REGII** sized for no less than \( R/D = 1.0 \).

3. **WIND ENTIRE CONC. PAD**
   - **GUIDELINES FOR 115 MPH**
   - **ANCHORS PER SIDE.** (MINIMUM (4)
   - **PROVIDE TAPCON ANCHORS** 6" THK. CONC. PAD
   - **MESH ANGLE TO UNIT.** (MINIMUM (4)

4. **FLEXIBLE AIR DUCT SHALL NOT EXCEED 8 FT. WHEN EXTENDED**
   - **ELBOW RADIUS**
   - **3.**

5. **REGIONAL CROSS ISOLATION PAD**
   - **AS NOTED IN ALUMINUM JACKET**
   - **OTHERWISE TAPCON ANCHORS**
   - **WITH RUST-PROOF PAINT**
   - **BOLT 2-1/2"x2-1/2" ANGLE TO UNIT.**

6. **CEILING (T-BAR SHOWN)**
   - **ACCESS DOOR FOR DAMPERS**
   - **FULL INSIDE VOLUME DAMPER W/ LOCKING NUT AND WASHER**
   - **LOCKS IN SIDE OF DUCT**
   - **SUPPLY AIR DUCT**
   - **Drawing By:**
   - **Checked By:**

7. **VENTILATION EXHAUST FAN DETAIL**
   - **CONTRACTOR. PAINT TO MATCH CEILING**
   - **SECONDARY FRAMING AS NECESSARY.**
   - **SUPPORT FROM BUILDING STRUCTURE. PROVIDE**
   - **BLOWER THRU DREARY OR ROUND 1'-1/2" [25mm] MINIMUM**

8. **CONSTRUCTION FOOTING**
   - **APPLICABLE TO TRUMPETS**
   - **NOT INDICATED**
   - **WITH GENERAL CONTRACTOR. PAINT TO MATCH CEILING**

9. **CONDENSING UNIT**
   - **HEAT PUMP FOR INTERNAL FLEX**
   - **AIR-TO-AIR REMOTE**
   - **EXTERNAL ELECTRICAL ACCESS COVER**
   - **ARCHITECTURAL CEILING GRILLE**
   - **CANVAS FLEXIBLE DUCT CONNECTOR**
   - **OPTIONAL VERTICAL DISCHARGE**

10. **DRAINAGE PIPING**
    - **IN PVC CONDUIT**
    - **INSTALL REFRIGERANT PIPING**
    - **VERIFY WITH ENGINEER**

11. **CONDENSING UNIT EXHAUST FAN - LIGHT SWITCH CONTROL**
    - **SW SC**
    - **SPEED CONTROL (SOLID STATE)**
    - **SW SC**
    - **CONTROLLER**

12. **CEILING EXHAUST FAN DETAIL**
    - **AS RECOMMENDED**
    - **MOISTURE SEALANT ALL CONNECTIONS**
    - **PVC ELBOW**
    - **SEAL WATER TIGHT**
    - **ADJUSTABLE CLAMP**
    - **WITH ARTIFICIAL MATERIALS NOT PASSING RATED BARRIERS.**

13. **COOLING COIL**
    - **FREE AIR DISTRIBUTION DEVICE**
    - **COATED IN NON-ACCESSIBLE CEILINGS**
    - **LAY IN SHOWN.**
    - **IN GYP. BOARD SIMILAR)**
    - **LAYING SHOWN.**
    - **AIR DISTRIBUTION DEVICE**
    - **INSULATED TOP PANEL**
    - **MOUNT IN SIDE OF DUCT**

14. **R+M ENTERPRISES RM CLIPS AS MANUFACTURED BY**
    - **SECURE TO SLAB WITH GALVANIZED, STRAP HANGER AS PER**
    - **DUCT SIZE**
    - **DIAMETER**

15. **DRAIN PAN**
    - **ACCESS DOOR AT CEILING (IF GYPSUM) - COORDINATE INSTALLATION**
    - **INSULATION, AS NECESSARY.**
    - **SOUND INSULATION, AS NECESSARY.**
    - **SADDLE INDICATED**
    - **MOUNT IN SIDE OF DUCT**
    - **BELLMOUTH COLLAR**
    - **2'-0" MIN. LENGTH**
    - **MAX. SAG 1/2" PER FOOT**

16. **DRAINAGE PIPING**
    - **MAXIMUM D/8 OFFSET ALLOWED IN LAST 2'-0" MIN. LENGTH**
    - **ADJUSTABLE CLAMP**
    - **SUPPY AIR DUCT**
    - **45° TAKEOFF OR ROUND**
    - **PIPING IN PVC CONDUIT**

17. **BLOW THRU**
    - **2'-0" MINIMUM OR WHERE D IS THE DIAMETER**
    - **1834-A JACLIF CT.**
    - **P.850.222.5683**
    - **BLOW THRU**

18. **CA 28968**
    - **REFRIGERANT PIPING**
    - **INSTALLATION**
    - **PRIOR TO INSTALLATION**
    - **VERIFY WITH ENGINEER**
    - **IF SPACE AVAILABLE;**

19. **BID DOCUMENTS**
    - **DETAILS - HVAC**

20. **SMACNA FIG. 3-10 INDICATED**
    - **DUCT SIZE**
    - **ADJUSTABLE CLAMP**

21. **SUPPLIERS AND CONTRACTORS**
    - **R. M. Enterprises RM CLIPS as Manufactured by**
    - **SECURE TO SLAB WITH GALVANIZED, STRAP HANGER AS PER**
    - **DUCT SIZE**
    - **DIAMETER**

22. **SADDLE**
    - **ADJUSTABLE CLAMP**
    - **SUPPLY AIR DUCT**
    - **45° TAKEOFF OR ROUND**
    - **PIPING IN PVC CONDUIT**

23. **FRAME**
    - **#12x1" (25) TEKS INTO LOUVER**
    - **BOLTS, ALL 4 SIDES**
    - **WALL WITH EXPANSION**

24. **DRAINAGE PIPING**
    - **MAXIMUM D/8 OFFSET ALLOWED IN LAST 2'-0" MIN. LENGTH**
    - **ADJUSTABLE CLAMP**
    - **SUPPLY AIR DUCT**
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    - **P.850.222.5683**
    - **BLOW THRU**

26. **CA 28968**
    - **REFRIGERANT PIPING**
    - **INSTALLATION**
    - **PRIOR TO INSTALLATION**
    - **VERIFY WITH ENGINEER**
    - **IF SPACE AVAILABLE;**
A. INSTALL CONDENSATE INDICATED IN DETAIL WITH INSULATED DRAIN AND CLEANOUT.
B. UL APPROVED IN-LINE SMOKE DETECTOR IN SUPPLY REQUIREMENTS; DEVICES ARE REQUIRED IN FREE PULLING AIR PLENUMS WHEN ALL UNITS EXCEED 2000 CFMs. TOTAL AIR CAPACITY OR SINGLE AHU AT 2000 CFMs AND HIGHER. SEE SPEC'S FOR ADDITIONAL INFORMATION. CONNECT TO BUILDING FIRE ALARM PANEL.
C. AHU TO BE MOUNTED ON STEEL ANGLE STAND WITH SEALED METAL PLENUM BOX; BOX TO BE LINED WITH 1" ARMACELL AP-COILFLEX ELASTOMERIC CLOSED CELL FOAM WITH MICROBAN COATING.
D. MOUNT UNIT & PLENUM BOX ON NEOPRENE/CORK PAD COVERING ENTIRE BASE AS SHOWN; AHU'S SHALL HAVE AUX. DRAIN PANS UNDER SYSTEM WITH WATER DETECTION DEVICE & SECONDARY DRAIN PER CODE.
E. FLEXIBLE DUCT CONNECTOR.
F. 1"MERV 13 AIR FILTER & RACK.
G. UL APPROVED BREAKER OR DISCONNECT FOR FAN & HEATER IN COMPLIANCE WITH NEC CODE & LOCAL REQUIREMENTS.
H. AIR HANDLING UNIT; SEE SCHEDULES, SPEC'S & DRAWINGS FOR ADDITIONAL REQUIREMENTS.

NOTES

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G. UL APPROVED BREAKER OR DISCONNECT FOR FAN & HEATER IN COMPLIANCE WITH NEC CODE & LOCAL REQUIREMENTS.
H. AIR HANDLING UNIT; SEE SCHEDULES, SPEC'S & DRAWINGS FOR ADDITIONAL REQUIREMENTS.

NOTES

A. INSTALL CONDENSATE INDICATED IN DETAIL WITH INSULATED DRAIN & CLEANOUT.
B. UL APPROVED IN-LINE SMOKE DETECTOR IN SUPPLY REQUIREMENTS; DEVICES ARE REQUIRED IN FREE PULLING AIR PLENUMS WHEN ALL UNITS EXCEED 2000 CFMs. TOTAL AIR CAPACITY OR SINGLE AHU AT 2000 CFMs AND HIGHER. SEE SPEC'S FOR ADDITIONAL INFORMATION. CONNECT TO BUILDING FIRE ALARM PANEL.
C. AHU TO BE MOUNTED ON STEEL ANGLE STAND WITH SEALED METAL PLENUM BOX; BOX TO BE LINED WITH 1" ARMACELL AP-COILFLEX ELASTOMERIC CLOSED CELL FOAM WITH MICROBAN COATING.
D. MOUNT UNIT & PLENUM BOX ON NEOPRENE/CORK PAD COVERING ENTIRE BASE AS SHOWN; AHU'S SHALL HAVE AUX. DRAIN PANS UNDER SYSTEM WITH WATER DETECTION DEVICE & SECONDARY DRAIN PER CODE.
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RENOVATION KEYED NOTES:

UP THROUGH ROOF WITH COOK MODEL PR08 GRAVITY VENTILATOR.

PROVIDE 12x12 WIND DRIVEN RAIN RESISTANCE LOUVER. RUSKIN MODEL EME420MD OR EQUAL. COORDINATE EXACT LOUVER MOUNTING HEIGHT WITH ARCHITECTURAL SECTIONS AND ELEVATIONS.

INSTALL REFRIGERANT PIPING IN WALL AS DETAILED. SEE CONDENSING UNIT DETAIL ON DETAIL SHEET.

PROVIDE 16x14 WIND DRIVEN RAIN RESISTANCE LOUVER. RUSKIN MODEL EME6625D OR EQUAL. COORDINATE EXACT LOUVER MOUNTING HEIGHT WITH ARCHITECTURAL SECTIONS AND ELEVATIONS.

PROVIDE GREENTROL GF-A2000, OR EQUAL, IN OA DUCT. PROVIDE DRY CONTACT RELAY TO COMMUNICATE WITH LED ALARM NOTIFICATION. TRANSMITTER SHOULD ALERT LED IF AIRFLOW IS NOT WITHIN 10% OF DESIGN AIRFLOW.

LED ALARM FOR DUCT MOUNTED AIRFLOW SENSOR. MOUNT ADJACENT TO PLUMBING SUB-METERS @ 54" AFF. LED SHOULD LIGHT UP RED WHEN ERROR OCCURS.

COORDINATE EXHAUST DUCT WITH ROLL UP DOOR IN THIS AREA.

UP THROUGH ROOF WITH COOK MODEL PR08 GRAVITY VENTILATOR.

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COORDINATE EXHAUST DUCT WITH ROLL UP DOOR IN THIS AREA.
LOCATE REMOTE SUB METER IN COLD WATER SUPPLY PIPING. REMOTE MOUNTED DISPLAY WILL BE LOCATED IN MECHANICAL ROOM. SEE P1.2 FOR LOCATION.