1. The contractor shall acquaint themselves with the existing structure prior to construction.

2. Dispose of all materials according to local, state and federal code requirements.

3. The contractor shall exercise care during demolition and existing roof canopy and supports removal to assure that items to remain are protected from damage.

4. Disposing of the items removed shall be directed by the owner.

5. The architect shall not be responsible for or liable for the integrity or correctness of the existing building and its components.

6. Remove all electrical equipment indicated for removal on the electrical plans.

7. The contractor shall patch, repair or replace existing work damaged by the new construction.

8. All workmanship shall be neat, clean, true and correct.

9. Refer to electrical for information on existing lighting and controls.

10. Refer to electrical for information on exit and egress lighting to remain.

11. The contractor shall be responsible for temporary weather protection to insure that no water leakage or damage occurs to structure or interior areas of the building during construction.
EXISTING 8' HIGH CONCRETE BLOCK WALL

UTILITY EASEMENT

CRC AIA-

SOUTH ATLANTIC AVENUE (100' R/W)

CONCRETE WALL

EXISTING PUMP STATION

EXISTING TANK

GRAVEL YARD

EXISTING PARKING

EXISTING DRY RETENTION

BARBED WIRE REF. DETAIL

V.I.F. INSTALL NEW

BARBED WIRE REF. DETAIL

V.I.F. INSTALL NEW

BARBED WIRE REF. DETAIL

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BARBED WIRE REF. DETAIL

V.I.F. INSTALL NEW

BARBED WIRE REF. DETAIL

V.I.F. INSTALL NEW

PROPERTY LINE

NEW MASONRY INFILL WALL

EXISTING DRY RETENTION

EXISTING DRY RETENTION

GENERAL SITE NOTES

THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ACTUAL SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING UTILITY LOCATIONS IN WORK AREAS PRIOR TO STARTING CONSTRUCTION.

CONTRACTOR SHALL COMPLY WITH ALL LOCAL JURISDICTIONS STANDARDS AND ANY CONDITIONS OF PERMITS FOR THE PROJECT.

AFTER COMPLETION OF ALL CONSTRUCTION AND INSTALLATION WORK, THE CONTRACTOR SHALL PERFORM A SITE CLEAN UP OPERATION FOR REMOVAL OF ALL DEBRIS, TRASH, EXCESS OF MATERIAL AND EQUIPMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PRESENT THE PROJECT SITE CLEAN AND IN GOOD ORDER AT THE TIME OF FINAL ACCEPTANCE.

CONTRACTOR WILL NOT REMOVE ANY EXISTING TREES, SHRUBS, OR OTHER PLANTS LOCATED IMMEDIATELY OUTSIDE THE LIMITS OF BUILDINGS OR PAVED AREAS, UNLESS OTHERWISE AUTHORIZED BY THE OWNER OR ARCHITECT, UNLESS NOTED OTHERWISE.

CONTRACTOR TO PROTECT EXISTING SIDEWALKS, FENCING, PATIOS, RETAINING WALLS AND VEGETATION FROM DAMAGE DURING CONSTRUCTION THAT ARE NOT NOTED FOR DEMOLITION.

THE ARCHITECTURAL SITE PLAN IS DIAGRAMATIC ONLY, IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE THE EXISTING SITE UTILITIES AND COORDINATE WITH OTHER CONSULTANTS/TRADES FOR ADDITIONAL SITE RELATED INFORMATION.

REFER TO AD FOR DEMOLITION PLANS AND SPECIFICATIONS.

REFER TO AS FOR ADDITIONAL SITE INFORMATION AND DETAILS.

CONTRACTOR TO VERIFY LOCATION OF EXISTING IRRIGATION PRIOR TO STARTING CONSTRUCTION.
EXISTING DRY RETENTION

EXISTING STORAGE TANK

INSTALL PREFORMED EXPANSION JOINT AT WALL CONNECTION, PROVIDE POLYURETHANE SEALANT ALONG ENTIRE LENGTH OF JOINT, BOTH SIDES

CONCRETE FOOTING

HEAVY DUTY DUR-O-WALL, SINGLE WYTH TRUSS @ 16" O.C.

VINYL L STOP STUCCO TRIM

NEW DOUBLE GATE AND SUPPORT POSTS, REFER TO DETAILS FOR ADDITIONAL INFORMATION

AMTECO, ALUMINUM TOTAL ECLIPSE DOUBLE SWING GATE WITH 100% DIRECT VISUAL SCREENING, FACTORY FINISHED BLACK VELVET POLYESTER POWDER COATED WITH ALL STAINLESS STEEL FASTENERS AND ANTI-INTRUDER BOLTS

FACTORY FINISHED BLACK POWDER COATED ALUMINUM FRAME

FACTORY FINISHED BLACK POWDER COATED CANE BOLT PAD LOCK LOCATION

5/8" x 18" FACTORY FINISHED BLACK POWDER COATED STAINLESS STEEL CANE BOLT EMBEDMENT SLEEVE

FACTORY WELDED HINGE CONNECTIONS, FACTORY FINISHED BLACK POWDER COATED GATE FRAME SUPPORT WITH FACTORY WELDED HINGE CONNECTIONS, FACTORY FINISHED BLACK POWDER COATED STAINLESS STEEL HINGE CONNECTION BY MANUFACTURER

FACTORY FINISHED BLACK POWDER COATED ALUMINUM FRAME

3/4" STAINLESS STEEL FACTORY FINISHED BLACK POWDER COATED SLIDE BOLT, BY MANUFACTURER

AMTECO, ALUMINUM TOTAL ECLIPSE FACTORY FINISHED BLACK VELVET POLYESTER POWDER COATED PANEL

AMTECO, ALUMINUM TOTAL ECLIPSE 100% DIRECT VISUAL SCREENING WITH FIXED 1 31/32" WIDE LOUVER BARS SPACED AT 1 13/16"
APPROX DIMENSIONS

BUILDING AND EQUIPMENT DIMENSIONS ARE 'APPROXIMATE ONLY'.

PRIOR TO THE START OF ANY WORK FIELD VERIFY ACTUAL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO ENGINEER.
EXISTING CONDITIONS ARE DENOTED BY 'LITE LINES', NEW WORK BY 'DARK LINES'.

VERSUS NEW ELEC CHANGEOVER INSTALL ALL [NEW] ELEC EQUIPMENT, BREAKERS, CONDUITS, WIRES, ETC PRIOR TO 'ELECTRICAL CHANGEOVERS'. ALL WORK SHALL BE PERFORMED WHILE THE OWNER IS OCCUPYING THIS FACILITY. CONTRACTOR SHALL OUTLINE THEIR MEANS & METHODS WHICH WILL ALLOW THE OWNER TO CONTINUE TO MAINTAIN FACILITY ELEC FUNCTIONS DURING EXECUTION OF THIS WORK.

ENGINEERING INC
www.ersengineering.com
5775 Timuquana Road
Jacksonville, Florida 32210
Engineering Business No. 7984
Ph (904) 777-3089

GEORGE MAXWELL POINT IV
PROFESSIONAL ENGINEER
LICENSED
1. All work shall be installed in accordance with Florida Building Code 6th Edition 2017 - Mechanical Volume and NFPA 90A-2009 and NFPA 90B-2009. Where conflicts occur between codes the most restrictive requirements shall govern. Contractor is responsible for completing and submitting all necessary applications to receive necessary permits from the county (or appropriate authority having jurisdiction). Contractor is responsible for all fees and related costs associated with obtaining permits. Related costs are to include but are not limited to any mileage, travel costs, courier costs, postage, reproduction costs, etc.

2. All equipment and materials shall be new and shall be equal in quality, type, capacity efficiency and accessories to the equipment noted on the drawings. Adjustments to construction and accessories on substituted equipment may be required to achieve this equality, and shall be included at no extra cost to the owner. Make any changes in ductwork, piping, framing, etc., as required to accommodate substituted equipment.

3. Wall-mounted AC unit shall be secured and attached to CMU wall per manufacturer’s recommendations or installation details.

4. Intake louver shall be extruded aluminum and designed for wind-driven rain. Basis of design Ruskin EME520DD.

5. Sheet metal shall be G90 galvanizing for better corrosion resistance. List as a bid alternative use of aluminum in lieu of galvanized sheet metal. List a second bid alternative for stainless steel. The louvers are aluminum in all cases.

6. Control wiring shall interlock the opening of the louver and operation of the generator.

7. AC unit shall not operate when louver is open or generator is in operation.

8. Use thermostat provided with unit. Mount T-stat at 54 inches AFF.

9. Control wiring 24 VAC or higher shall be routed within rigid metal conduit.

10. Supply and return grille on AC-1 shall be either those supplied by the air conditioner manufacturer or basis of design shall be price 350 RL sized to be 2" larger than opening through wall.

11. Fuel piping design is excluded from this drawing. A complete design for fuel piping shall be provided by the generator manufacturer, generator installer or mechanical contractor. Notes provided here are intended to assist but do not constitute a complete design.

12. Fuel piping design: Generator fuel piping design needs to be completed by mechanical contractor or generator installer. The Convault tank is an existing tank moved from different location to here. Some components already installed on the Convault tank may be reusable including a vent, check valve, and filler. Typically a daytank is installed inside near the generator. Minimum components required on a daytank should be vent to the outside, fuel strainer, auxiliary fuel transfer pump, level gauge, electric level gauge for activation of transfer pump. Piping between daytank and convault should consist of a transfer line and an overflow line. Piping between the daytank and the generator should be fuel supply line and fuel return line. A complete design by mechanical contractor shall include all requirements of the generator manufacturer.

NOMINAL CAPACITY: 10-TONS
MANUFACTURER: AIRPAK BY SPECIFIC SYSTEM IN TULSA OK
MODEL APK-120

COOLING CAPACITY:
AMBENT: 95 F
ENTERING AIR: 80 F DB / 67 F WB
SENSIBLE: 93,122 BTUH
TOTAL: 129,182 BTUH

SUPPLY CFM: 5,000 CFM

ELECTRICAL INFO:
VOLTAGE: 208 VOLT 3 PHASE
TOTAL COOLING FLA: 51.4 AMPS
COMPRESSOR MOTOR RLA: 19.0 AMPS
COMPRESSOR MOTOR FLA: 6.7 AMPS

DDC CONNECTIVITY: NONE