NOTE: FRONT CHECKOUT COUNTER TO BE PROVIDED BY DOLLAR GENERAL AND INSTALLED AT DOLLAR GENERAL'S DIRECTION. COUNTERS SHALL INCLUDE A PORTION OF AT LEAST 36" IN LENGTH WHICH IS NO MORE THAN 34" ABOVE THE FINISH FLOOR. COUNTERS SHALL BE ON AN ACCESSIBLE ROUTE.

CHECK WRITING SURFACE

COORDINATE THE FINAL FIXTURE PLAN WITH VENDOR FOR ANCHOR BOARD AND ANY FINAL FIXTURES.
ATTN: DAVID ENGLISH
ATTN: RODNEY BURT
ATTN: BOB BARRY
ATTN: KEVIN BUSLER
ATTN: ERIN SULLIVAN

ALTERNATE EXTERIOR FINISHES ARE TO MATCH OR BE EQUAL TO VP METAL BUILDING SYSTEM’S BRONZE.

MATERIALS ARE USED INSTEAD OF METAL PANELS.

CANOPY SIGN SHALL BE SUPPORTED BY THE FACE OF THE CANOPY. COORDINATE THE PROPER SIGNAGE TO BE USED.

MOUNTED OVER RECEIVING FLOOR)

METAL CANOPY BY PRE-ENGINEERED METAL BUILDING MANUFACTURER. (ONLY APPLICABLE TO C & D PROTOTYPES)

NOTE:
1. REFER TO SHEET T01 FOR ADDITIONAL INFORMATION ON RECOMMENDED NATIONAL ACCOUNT VENDORS.
2. NATIONAL ACCOUNT AND CONTACT INFORMATION SUBJECT TO CHANGE.

NOTE: ARCHITECTURAL BLOCK AT BUILDING ENTRANCE, AND CANOPY PARAPET OVER THE ENTRANCE. REVERSE RIB PROFILE.

MINIMUM EAVE HEIGHT IS 14'-0" A.F.F.

OUTSIDE AIR TEMP. SENSOR MOUNTED OVER RECEIVING FLOOR AT ALL NON PAVED AREAS.

IN NORTHERN CLIMATES, PROVIDE SNOW GUARDS ON ROOF PER LOCAL CODE.

ARCHITECTURAL BLOCK AT BUILDING ENTRANCE, AND CANOPY PARAPET OVER THE ENTRANCE. REVERSE RIB PROFILE.

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MINIMUM EAVE HEIGHT IS 14'-0" A.F.F.

OUTSIDE AIR TEMP. SENSOR MOUNTED OVER RECEIVING FLOOR AT ALL NON PAVED AREAS.

IN NORTHERN CLIMATES, PROVIDE SNOW GUARDS ON ROOF PER LOCAL CODE.
ADA COMPLIANT DRINKING FOUNTAIN, REFER TO PLUMBING.
MIN. R-35 BATT INSULATION IN TWO LAYERS WITH R-5 THERMAL BLOCKS AT BETWEEN FACADE AND METAL PANELS. METAL BUILDING COLUMNS SHALL BE MINIMUM 5'-0" LONG, 4" PERFORATED STEEL PIPE COLUMN (BY PEMB) WITH BLOCK WITH STEEL GIRT. PROVIDE PROPER ANCHORAGE TO STRUCTURE.
STANDING SEAM METAL ROOF, INTERIOR WALL - PAINTED - SEE ROOM SCHEDULE FOR MORE INFORMATION. PROVIDE TAMPER-RESISTANT BLOCK TO CONFINE GROUT BLOCK TO CONFINE GROUT CELL AT EACH ANCHOR BOLT LOCATION .
GENERAL). REFER TO ELEVATIONS & DRAWINGS. LIGHTING, REFER TO ELECTRICAL SYSTEM BY BUILDING MANUFACTURER.
MINIMUM 5'-0" AFF, PAINTED. REFER TO NOTES ON S2)
WEATHERTIGHT SEAL AT HORIZONTAL PENETRATION. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF CONDUIT.
SATELLITE LINE. PROVIDE CAULK TO RODENT PROOF BUILDING TO BEYOND.
REINFORCING CONCRETE FOOTING.
WEATHERTIGHT SEAL AT HORIZONTAL PENETRATION. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF CONDUIT.
GENERAL). REFER TO ELEVATIONS & DRAWINGS.
PREFER MEDICAL COPING.
REINFORCING CONCRETE FOOTING.
WEATHERTIGHT SEAL AT HORIZONTAL PENETRATION. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF CONDUIT.
GENERAL). REFER TO ELEVATIONS & DRAWINGS.
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WEATHERTIGHT SEAL AT HORIZONTAL PENETRATION. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF CONDUIT.
GENERAL). REFER TO ELEVATIONS & DRAWINGS.
<table>
<thead>
<tr>
<th>NO</th>
<th>ROOM NAME</th>
<th>MATERIAL FINISH</th>
<th>BASE FLOOR</th>
<th>WALL A</th>
<th>WALL B</th>
<th>WALL C</th>
<th>WALL D</th>
<th>WALL E</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>BREAK ROOM</td>
<td>GYPSUM BOARD</td>
<td>CONCRETE</td>
<td>BLACK</td>
<td>GYPSUM</td>
<td>GYPSUM</td>
<td>GYPSUM</td>
<td>SW7005-PURE</td>
<td></td>
</tr>
<tr>
<td>111</td>
<td>BATHROOM</td>
<td>GYPSUM BOARD</td>
<td>CONCRETE</td>
<td>BLACK</td>
<td>GYPSUM</td>
<td>GYPSUM</td>
<td>GYPSUM</td>
<td>SW7005-PURE</td>
<td></td>
</tr>
<tr>
<td>112</td>
<td>MEETING</td>
<td>GYPSUM BOARD</td>
<td>CONCRETE</td>
<td>BLACK</td>
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<td>GYPSUM</td>
<td>GYPSUM</td>
<td>SW7005-PURE</td>
<td></td>
</tr>
<tr>
<td>113</td>
<td>RESTROOM</td>
<td>GYPSUM BOARD</td>
<td>CONCRETE</td>
<td>BLACK</td>
<td>GYPSUM</td>
<td>GYPSUM</td>
<td>GYPSUM</td>
<td>SW7005-PURE</td>
<td></td>
</tr>
</tbody>
</table>

**Material Finishes:**
- GYPSUM
- CONCRETE
- BLACK
- GYPSUM
- SW7005-PURE

**Wall Finishes:**
- GYPSUM BOARD
- CONCRETE
- BLACK
- GYPSUM
- SW7005-PURE

**Remarks:**
- NOTE: PAINT EXPOSED STRUCTURE SW7005 PURE WHITE
NOTE: ALARM PANIC DEVICE TO BE ON SIDE AWAY FROM RAILING

DETEX DOUBLE DOOR HOLDER MODEL# DDH-2250 INSTALLED TOP AND BOTTOM

3'-0" 7'-0"

DETEX

3'-0"

DETEX

8" KICK PLATES FRONT & BACK

FULL HEIGHT ASTRAGAL (EXT.) ALARM WILL SOUND EMERGENCY EXIT ONLY

NOTE: PULL HANDLES AND DOOR CLOSERS ARE TO BE LOCATED ON THE NON-SALES SIDE OF DOORS.

NOTE: PULL HANDLES AND DOOR CLOSERS ARE TO BE LOCATED ON THE RECEIVING SIDE OF DOORS.

TACO DOOR VIEWER LEVER HANDLE W/ KEY #1

NOTE: ALARM PANIC DEVICE TO BE ON SIDE AWAY FROM RAILING

AIG 702 E 50th Street Savannah, GA 31405 Phone 256-479-5044 ashley@aigengineeringconsultants.com

DOOR SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>TYPE</th>
<th>SIZE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>A</td>
<td>2'-0&quot; 7'-0&quot; 1 3/4&quot; SOLID CORE WOOD DOOR OR HOLLOW CORE METAL DOOR</td>
<td>PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
</tr>
<tr>
<td>102</td>
<td>D</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot; HOLLOW CORE METAL DOOR. PAINT EXTERIOR SW7041, VAN DYKE BROWN (SEMI-GLOSS); PAINT INTERIOR SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
<td></td>
</tr>
<tr>
<td>103</td>
<td>B</td>
<td>6'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>SOLID WOOD DOOR OR HOLLOW CORE METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
</tr>
<tr>
<td>104</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>FIRE RATED DOORS IF REQUIRED BY CODES, SOLID CORE WOOD DOOR OR HOLLOW METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
</tr>
<tr>
<td>105</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>SOLID WOOD DOOR OR HOLLOW CORE METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
</tr>
<tr>
<td>106</td>
<td>A</td>
<td>21'-0&quot; BI-PART WITH TRANSOM, BRONZE FINISH. REFER TO COVER SHEET FOR VENDOR INFORMATION.</td>
<td></td>
</tr>
<tr>
<td>107</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>HOLLOW CORE METAL DOOR. PAINT EXTERIOR SW7041, VAN DYKE BROWN (SEMI-GLOSS); PAINT INTERIOR SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
</tr>
<tr>
<td>108</td>
<td>A</td>
<td>6'-0&quot; 7'-0&quot;</td>
<td>BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) ILCO RIM CYLINDER #7015SC8-26D.</td>
</tr>
<tr>
<td>109</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>SOLID WOOD DOOR OR HOLLOW CORE METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
</tr>
<tr>
<td>110</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).</td>
</tr>
<tr>
<td>111</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>(1-1/2 PAIR HINGES), (1) STANLEY PASSAGE LOCKSET QCL230-E-626-S4 - NO KEY REQUIRED, (1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-1/2B-26D.</td>
</tr>
<tr>
<td>112</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>(1-1/2) PAIR HINGES, (1) STANLEY STOREROOM LOCKSET QCL270-E-626-S4-SC-KD - KEY #1, (1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-1/2B-26D, (1) TACO DOOR VIEWER #TA3310PC.</td>
</tr>
<tr>
<td>113</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>(3) PAIR HINGES, (2) BURNS PULL PLATES #5410-32D-26D-GRIP, (2) BURNS PUSH PLATES #54-US32D, (4) IVES KICK PLATES #8400-S32D-8X34(2) STANLEY DOOR CLOSERS QDC311-689,(2) IVES 4&quot; DOOR HOLDER #452B26D.</td>
</tr>
<tr>
<td>114</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>(1-1/2) PAIR HINGES, (1) STANLEY STOREROOM LOCKSET QCL270-E-626-S4-SC-KD - KEY #2,(1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-1/2B-26D.</td>
</tr>
<tr>
<td>115</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>(1-1/2) PAIR HINGES, (1) STANLEY STOREROOM LOCKSET QCL270-E-626-S4-SC-KD - KEY #2,(1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-1/2B-26D, (1) TACO DOOR VIEWER #TA3310PC.</td>
</tr>
<tr>
<td>116</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>(3) PAIR HINGES, (1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2670-28, (1) VON DUPRIN GUARD-X DOUBLE DOOR STRIKE #2609,(1) DETEX DOUBLE DOOR HOLDER #DDH-2250 TOP &amp; BOTTOM,(2) STANLEY DOOR CLOSERS QDC311-689,#608Z, (1) NATIONAL GUARD HD THRESHOLD #425 HD-6 FT.,(2) DOOR SWEEPS, WEATHERSTRIPPING. (1) 7015SC8-26D RIM CYLINDER</td>
</tr>
<tr>
<td>117</td>
<td>A</td>
<td>3'-0&quot; 7'-0&quot; 1 3/4&quot;</td>
<td>(1-1/2) PAIR HINGES, (1) STANLEY STOREROOM LOCKSET QCL270-E-626-S4-SC-KD - KEY #2,(1) STANLEY DOOR CLOSER QDC311-689, (1) DOOR PULL 8N US28, (1) DOOR SWEEP, WEATHERSTRIPPING, (1) 7015SC8-26D-RIM CYLINDER</td>
</tr>
</tbody>
</table>

SCALE: 1/4"=1'-0"
1. BUILDING SIGNS: PROVIDE CONDUIT AND WIRE FROM ELECTRICAL PANEL TO THE SIGN CANOPY. THE CONDUIT IS TO BE 1" AND HAVE ONE SET OF 10/2 WIRE WITH GROUND. BUILDING CANOPY MUST BE SUFFICIENTLY BUILT TO SUPPORT THE DOLLAR GENERAL SIGN OF UP TO 1400 LBS. NOTE: IF THE LEASE SPECIFIES A 5'-0" X 40'-0" BUILDING SIGN OR 24" LETTER SET (OR LARGER), 2 qty. - 10/2 WIRE WITH GROUND.

2. PYLON SIGNS: PROVIDE CONDUIT FROM ELECTRICAL PANEL TO LOCATION OF THE PYLON SIGN BASE. BURY CONDUIT UNDER PARKING AREA. THE CONDUIT IS TO BE 1" AND HAVE ONE SET OF 10/2 WIRE WITH GROUND.

3. FINAL ELECTRICAL CONNECTIONS FOR SIGN SHALL BE THE SIGN VENDOR'S RESPONSIBILITY SINCE THE 'J' BOX AND WIRES ARE IN PLACE.

4. SEE CHART ABOVE FOR SIGN SPECIFICATIONS.

5. SEE SHEET A8 FOR SIGN BRACING DETAILS.

6. PYLON SIGN CABINETS TO CLEAR 15' FROM GRADE AND EDGE SHALL BE LOCATED NO CLOSER THAN 10' TO ANY OVERHEAD UTILITY LINES.
1. All lights to be mounted such that the top of the fixtures are at 11'-0" A.F.F. Refer to electrical drawings for additional information.

2. Cable tray to be mounted such that bottom of tray is at 11'-6" A.F.F.

3. Cable tray system to be installed using full lengths with minimal cutting of sections. Areas where cutting may be required are as noted on the plan.

4. General contractor shall provide and install cable tray and all conduit with pull strings as noted.

5. Location of office hub below. Bundle all wires and route to cable tray.

All wires and routing for access to the water heater.

**PRE-PUNCHED 1 1/4" threaded rod, as close to back as possible. Unistrut mounted flat side down.**

Note: If a gypsum board ceiling is installed in the hallway and access panel must be installed for access to the water heater.
PREFERRED LOCATION OF NON-PENETRATING SATELLITE MOUNT (ABOVE OFFICE)

ANDREW CORP. MODEL # 611005701
OR
ANDREW CORP. MODEL #611005702

PARAPET WALL

METAL STANDING SEAM ROOF
SLOPE DOWN

PARAPET WALL

GUTTER

HVAC UNIT

HVAC UNIT

METAL BUILDING NOTES:
1. THE PRE-MANUFACTURED METAL BUILDING STRUCTURE, CONCRETE FOUNDATION, AND INTERIOR CONCRETE SLAB SHALL BE DESIGNED, DETAILED, FABRICATED, AND CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS. THE MOST STRINGENT REQUIREMENTS APPLY WHERE INCONSISTENCIES OCCUR BETWEEN THE APPLICABLE STANDARDS. IN THE ABSENCE OF OTHER CRITERIA, LOADINGS SHALL CONFORM TO THE MOST RECENT EDITION OF THE INTERNATIONAL BUILDING CODE.
2. THE SCOPE OF THE PRE-MANUFACTURED METAL BUILDING STRUCTURE SHALL INCLUDE THE DESIGN, ENGINEERING, FABRICATION, DELIVERY, AND ERECTION OF THE COMPLETE STRUCTURAL STEEL FRAMING AND EXTERIOR SKIN PACKAGE. THE METAL BUILDING MANUFACTURER SHALL BE CERTIFIED BY AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) METAL BUILDING CERTIFICATION PROGRAM.
3. THE FRONT FASCIA SHALL HAVE (3) 12" PURLINS (MOUNTED VERTICALLY SO THAT THE 12" FACE IS AGAINST THE BUILDING METAL SIDING. THESE PURLINS SHALL BE CENTERED OVER THE ENTRANCE AND SPACED 96" APART TO PROVIDE ADEQUATE SUPPORT FOR SIGNAGE WHICH MAY WEIGH UP TO 1,400 LBS.
4. RECOMMENDED PRE-ENGINEERED METAL BUILDING MANUFACTURERS ARE:
   - VP BUILDINGS, ATTN: DAVID ENGLISH (901) 568-4537
   - STAR BUILDING SYSTEMS ATTN: RODNEY BURT (800) 879-7827
   - NUCOR BUILDING SYSTEMS ATTN: BOB BARRY (315) 622-4400 (260) 837-7891
   - BIGBEE STEEL BUILDINGS, INC. ATTN: KEVIN BUSLER (800) 633-3378
   - CHIEF BUILDINGS ATTN: ERIN SULLIVAN (800) 845-1767
5. SEE SHEET A02 FOR WALL AND ROOF FINISHES AND COLORS.

ROOF NOTES:
1. METAL ROOF MUST BE A STRUCTURAL STANDING SEAM METAL ROOF WITH MECHANICALLY ROLLED SEAMS. SEAMS TO BE A MINIMUM 1 1/2" HIGH. ALL FASTENERS TO BE CONCEALED.
2. ROOF PANELS TO BE A MINIMUM 24 GAUGE.
3. METAL ROOF SYSTEM TO BE EQUAL TO VP BUILDING SLR II ROOF.
4. CONDENSATE FROM HVAC UNITS TO BE PIPED TO GUTTERS.
**GENERAL**

The concrete slab shall be designed such that there is a minimum thickness of 4" from the face of columns to the face of columns of the slab floor.

**STRUCTURES**

The slab shall be placed using solid, standard equipment and permitted for use, sidewalks and curbs of the

**GENERAL**

All work shall be performed in accordance with the most recent edition of the International Code Council's International Building Code for the state where the project is located.

C. Fillers and evaporation retarder shall be placed approximately 1/4" above the final joint to create a barrier to the entry of dust and to create a uniform flat surface.

D. The general contractor shall determine the proper water to stripper ratio and coverage rate that will completely remove the sealant from the concrete surface.

**SEMI-RIGID POLYUREA JOINT FILLER:**

A. The polyurea joint filler shall remain flexible and resilient for the lifetime of the job and shall be guaranteed to remain flexible and resilient for at least 5 years after placement.

B. The polyurea joint filler shall be applied in accordance with the manufacturer's instructions and shall be applied at the rate of 1 gallon per 100 square feet for each 3" of concrete joint.

C. The polyurea joint filler shall be cured using a permeable liquid membrane forming curing compound that is formulated from polymers, water, and other materials. The curing compound shall be applied in accordance with the manufacturer's instructions and shall be applied at the rate of 1 gallon per 100 square feet for each 3" of concrete joint.

**LIQUID DENSIFIER AND SEALER APPLICATION:**

A. The liquid densifier and sealer shall be applied in accordance with the manufacturer's instructions and shall be applied at the rate of 1 gallon per 100 square feet for each 3" of concrete joint.

B. The liquid densifier and sealer shall be cured using a permeable liquid membrane forming curing compound that is formulated from polymers, water, and other materials. The curing compound shall be applied in accordance with the manufacturer's instructions and shall be applied at the rate of 1 gallon per 100 square feet for each 3" of concrete joint.

C. The liquid densifier and sealer shall be applied and cured in accordance with the manufacturer's instructions and shall be applied at the rate of 1 gallon per 100 square feet for each 3" of concrete joint.

D. The liquid densifier and sealer shall be cured using a permeable liquid membrane forming curing compound that is formulated from polymers, water, and other materials. The curing compound shall be applied in accordance with the manufacturer's instructions and shall be applied at the rate of 1 gallon per 100 square feet for each 3" of concrete joint.

**MATERIALS AND CONTRACTOR PROVISIONS FOR QUALITY:**

A. The concrete contractor shall be required to list in their bid the general contractor and subcontractor for all work performed on the project. The general contractor shall provide a copy of the bid to the concrete contractor.

B. The concrete contractor shall be required to list in their bid the general contractor and subcontractor for all work performed on the project. The general contractor shall provide a copy of the bid to the concrete contractor.

**SALES FLOOR**

A. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

B. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

C. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

D. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

E. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

**TOLERANCE BAND FOR ENTIRE FLOOR +/- 0.375 INCH**

A. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

B. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

C. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

D. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

E. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

**CUTTING AND CHAINING:**

A. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

B. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

C. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

D. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.

E. The sales floor shall be designed to provide for the installation of resilient flooring, carpet, ceramic, quarry tile or other interior finishes.
Curb Installation Instructions

TYPICAL ROOF CURB UNIT

NOT USED

REQUIRED NATIONAL ACCOUNT ROOF CURB GC VENDORS:

- Column with required National Account roof curb GC vendors:
  - KCC International Inc.  
    - GREG CONRAD  
    - 800-382-2872  
    - GCONRAD@KCC CURBS.COM
  - Curbs Plus Inc.  
    - ALAN THRAILKILL  
    - 888-639-2872  
    - ALAN.THRAILKILL@CURBS-PLUS.COM
  - STARBUCKS  
    - GREG SMYTH  
    - 800-683-5848  
    - GSMYTH@ROOFCURB.COM

REQUIRED MANUFACTURER SPECIFICATIONS:

1. From each corner of the sales area, facing the opposite corner.
2. Corridor (one picture from each end of the corridor).
3. Standing 10' from the entrance facing the entrance.
4. Make sure the overhead lights are on for your photos.

REQUIRED PHOTOS:

- The following layout shows the required photos to be taken at completion.
  - Front to back at column lines and centered in 13'-0".
  - Anchors bolted per structural engineering requirements.
  - Minimum control joint spacing plan.
  - Column with required photos taken for your project.

CONTROL JOINT SPACING PLAN

COLUMN BASE DETAIL

PHOTO KEY PLAN

TYPICAL ROOF CURB UNIT

NOT USED

REQUIRED PHOTOS:

- The following layout shows the required photos to be taken at completion.
  - Front to back at column lines and centered in 13'-0".
  - Anchors bolted per structural engineering requirements.
  - Minimum control joint spacing plan.
  - Column with required photos taken for your project.

CONTROL JOINT SPACING PLAN

COLUMN BASE DETAIL

PHOTO KEY PLAN
ELECTRICAL SPECIFICATIONS

3.

A. ALL WIRING SHALL BE CONTAINED IN CONDUIT OF TRANSFORMER MDL#TA592

B. ALL WIRING SHALL CONFORM TO LOCAL, STATE AND NEMA 5-20R DUPLEX.

C. SERVICE IS TO BE A MINIMUM 400 AMP, 3 PHASE PANEL/CIRCUIT IN PANEL (PREFERRED), 600 AMP, 1 PHASE OR LARGER IF REQUIRED

D. J @ wall for A/36 B/26,28 B/22,24 A/27,29 A/31,33A/35,37

E. EXTERIOR EXPOSED PHONE LINES TO BE INSTALLED IN RIGID CONDUIT. PROVIDE EMERSON 3/4" X 5-FT. METALLIC CABLE U-GUARD #755, OR EQUAL.

F. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

G. WATER HEATER CKT. A/21 4'-0" off corner

H. MOUNT DISCONNECT SWITCH AT UNIT. ALL DISCONNECTS SHOULD BE CRIMPED ON THIS END. DOLLAR GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO THE DATA HUB.

I. PROVIDE 208V, 1 PHASE CONNECTION TO A J-BOX AT 90" FLOOR LINE @3'-0" .

J. ALL CONDUCTORS TO BE COPPER, #12 AWG MINIMUM SIZE, OR AS REQUIRED BY LOAD AND OVER CURRENT MANAGEMENT SYMBOLS AND INFORMATION. ELECTRICAL CONDUCTORS MUST BE IDENTIFIED (G/G, W/WHITE, O/RED, etc.)

K. PROVIDE TOGGLE SWITCH AT phones, toilets, washers, dryers, etc. (See Notes).

L. PROVIDE 110V, 20 AMP DEDICATED, WP, GFCI OUTLET RECESSED @ 4' A.F.F.

M. ALL POWER AND DATA TO BE ROUTED OVERHEAD.

N. MOUNT J-BOX 11" FROM THE RIGHT SIDE OF EACH UNIT.

O. MOUNT DISCONNECT SWITCH AT UNIT. ALL DISCONNECTS SHOULD BE CRIMPED ON THIS END.

P. PROVIDE 24" RIGID PIPE SLEEVE THROUGH BUILDING TO CONSTRUCTION FLOOR ON WALL. BRING RIGID PIPE THROUGH WALL. SEE ELECTRICAL SPECIFICATION NOTE 'E' AND 'H'.

Q. PROVIDE 24" RIGID PIPE SLEEVE THROUGH BUILDING TO CONSTRUCTION FLOOR ON WALL. BRING RIGID PIPE THROUGH WALL. SEE ELECTRICAL SPECIFICATION NOTE 'E' AND 'H'.

R. LABEL AS "PHONE" PHONE LINE #1 LABEL AS "PHONE"

S. EXTRA WIRES TO BE WRAPPED AND CONNECTED TO PHONES, TO ALLOW PHONE COMPANY TO TERMINATE AT DMARC.

T. ALL WIRES ARE CAT 5, 4-PAIR BLUE & WHITE.

U. PHOTOELECTRIC DUCT DETECTOR WITH HOUSING. TIE TO GROUND CIRCUIT 2 1D5-IG

V. MOUNT DISCONNECT SWITCH AT UNIT. ALL DISCONNECTS SHOULD BE CRIMPED ON THIS END. DOLLAR GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO THE DATA HUB.

W. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

X. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

Y. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

Z. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

AA. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

BB. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

CC. PROVIDE TOGGLE SWITCH AT RESTROOM COMBO @ OFFICE

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TTT. PROVIDE TOGGLE SWITC...
ELECTRICAL SPECIFICATIONS

1. All wiring shall be contained in conduit of proper size.
2. All wiring shall conform to local, state and federal codes.
3. Service is to be 600 AMP, 1 phase.
4. Required custom built power pole assemblies 125/250V NEMA L14-20-R 4 prong available from D&P Custom Lights & Products Inc., phone: (800) 251-2200 or (615) 350-7800, 7111 Cockrell Bend Industrial Road, Nashville, TN 37209. See E3.1.
5. Exterior exposed phone lines to be installed in rigid conduit. Provide Emerson 3/4" x 5-FT. Metallic Black Magic Power Pole.
6. Electrical panel to be labeled correctly with phone jack @ register legible print.
7. Low voltage vendor to provide and install one (1) SNACK SHACK cable with modular combo RJ-11/RJ-45 jack at A/9,11, A/13,15, A/23 panel/circuit in panel manager's office. Cable to be run from jack to checkout scenario SC9 queue right no belt data hub location with 6'-0" left coiled for installation to data hub. A RJ-45 male fitting should be crimped on this end. Dollar General Store opening team will make final connection.
8. All 120 volt outdoor receptacles to have "WET LOCATION - IN USE" covers.
9. All conductors to be copper, #12 AWG minimum size, or as required by load and over current protection.
10. See EMS sheets EMS1 and EMS2 for energy management symbols and information.
11. Electrician to provide 1 1/2" conduit with pull strings for satellite location.
12. All power and data to be routed overhead.
13.Control station for stand alone duct detector. One for each device, see key note 5 on this sheet. Simplex #4098-9842 is specified. With piezo and led indicator.
14. Mechanical thermostat at 8'-0" A.F.F. 3. Locations shown for mechanical units are only approximate, contractor must consult mechanical or structural drawings to determine actual unit locations. Provide 1/2"C. penetration thru roof within footprint of unit for use with control wiring to unit by others. Provide proper penetration at roof power plan.
15. Factory mounted convenience outlet (electrical contractor to provide if not factory installed). Provide circuit as shown, wire all with this note to a spare breaker in panel "A" if they are not powered.
16. Photoelectric duct detector with housing. Tie to LED readout recessed in duct. Stand alone device, 120V. Simplex #4098-9687 is specified with 4098-9842 control station. Provide one device per unit. Mount device in supply air ductwork. Device shall be provided and wired to the control station by the electrical contractor. Hire the mechanical contractor for installation in ductwork & connection to shutdown controls. Electrical contractor shall provide all required relays and 120V power, do not power duct detectors ceiling tile directly below unit. Run conduit & wire underground from unit to inside of space.
17. Disconnect switch at unit. All disconnects to be heavy duty. Fuses to be RK-5 type, Bussmann FRN-R-(AMP) is specified. See equipment schedule on note 26.
18. Confirm the final number and location of outlets in sales area with the final DG fixture plan.
19. Provide all conduit and splices for all color/boxes/boxes.
20. Mount all receptacles for outlets @ 12" gap.

ELECTRICAL KEYED NOTES

1. Interior lighting for main floor only. One for each device, see notes on this sheet. Smoke detector may be specified with horns and use.
2. Mechanical thermostat at 8'-0" A.F.F.
3. Location shown for ventilation units are only approximates. Contact must consult mechanical or structural drawings to determine actual unit locations. Provide 1/2" penetration thru roof with pull strings for installation to control wiring to unit by others. Provide proper penetration at roof power plan.
4. Factory mounted convenience outlets. Electrical contractor to provide if not factory installed. Provide circuit as shown, wire all with this note to a spare breaker in panel "A" if they are not powered.
5. Photoelectric duct detector with housing. Tie to LED readout recessed in duct. Stand alone device, 120V. Simplex #4098-9687 is specified with 4098-9842 control station. Provide one device per unit. Mount device in supply air ductwork. Device shall be provided and wired to the control station by the electrical contractor. Hire the mechanical contractor for installation in ductwork & connection to shutdown controls. Electrical contractor shall provide all required relays and 120V power, do not power duct detectors ceiling tile directly below unit. Run conduit & wire underground from unit to inside of space.
6. Disconnect switch at unit. All disconnects to be heavy duty. Fuses to be RK-5 type, Bussmann FRN-R-(AMP) is specified. See equipment schedule on note 26.
8. Confirm the final number and location of outlets in sales area with the final DG fixture plan.
### LEDs Light Fixture Schedule

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>TYPE</th>
<th>MANF. PART #</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>FIXTURE COUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B7S</td>
<td>ETI 54573161</td>
<td>4' LED FIXTURE SURFACE MOUNT</td>
<td>33</td>
<td>79</td>
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<tr>
<td>B</td>
<td>B7S</td>
<td>ETI 54573161</td>
<td>4' LED FIXTURE SURFACE MOUNT</td>
<td>33</td>
<td>2</td>
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<tr>
<td>C</td>
<td>B7S</td>
<td>ETI 54260161</td>
<td>2' LED FIXTURE SURFACE MOUNT</td>
<td>20</td>
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<td>D</td>
<td>B7S</td>
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<td>LED EXIT SIGN</td>
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<td>E</td>
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<td>1</td>
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<td>ETI 55502201</td>
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<td>G</td>
<td>B7S</td>
<td>ETI 55503101</td>
<td>LED EGRESS EMERGENCY LIGHT WITH (2) HEADS</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>H</td>
<td>TECHLITE</td>
<td>SS3P-24-4-11-BZ-DM2180</td>
<td>LED LIGHT COMBO WITH (2) HEADS</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>I</td>
<td>TECHLITE</td>
<td>TECHLITE LSBT-1-C-X-T3-F1-BZ</td>
<td>LED WALL PACK</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>J</td>
<td>TECHLITE</td>
<td>TECHLITE LSBT-1-C-X-T3-F1-BZ</td>
<td>LED WALL PACK</td>
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<td>LED WALL PACK</td>
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<tr>
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<td>TECHLITE</td>
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<tr>
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<td>TECHLITE</td>
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<td>LED WALL PACK</td>
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<td>TECHLITE</td>
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<td>1</td>
<td>1</td>
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</tbody>
</table>

**Notes:**
- Refer to sheet E1 for additional fixture vendor list.
NOTE: ALL GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 250-50 OF THE NATIONAL ELECTRICAL CODE.

BUILDING STRUCTURAL STEEL (NEC 250-52(A)(2) BONDING JUMPER TO PANELBOARD ENCLOSURE SIZE PER NEC 250-122

BARE COPPER GROUNDING ELECTRODE CONDUCTOR (NEC 250-66)

COLD WATER SERVICE ENTRANCE (PROVIDE SIMILAR CONNECTION TO FIRE PROTECTION WATER SERVICE ENTRANCE), (NEC 250-50A)

MINIMUM OF 20'-0" OF 1/2" REBAR IN BUILDING WALL FOOTING, (NEC 250-50C)

MAIN BONDING JUMPER BARE COPPER CONDUCTION (1)#6 TO PHONE BOARD PER NEC 800-40(D)

PIPE CLAMP (TYP.)

GROUNDING DETAIL

GENERAL notes:

1. LEAF FLOOR SPACE: LARGE SPACE WITH HIGH CEILINGS WILL REQUIRE A DETACHED OR A 2-STORY APPROACH TO THE PANELBOX. THIS APPLIES TO THE 2 PANELBOXES AT THE ENTRANCE TO THE 2-1/2" 3 SETS OF (3)#3/0 CU, 2-1/2" 3 SETS OF (3)#3/0 CU, 2-1/2"

2. E3 NT'S

3. METER CABINET PER UTILITY COMPANY REQUIREMENTS

600A STANDARD SERVICE

600A 600V/2P, 600A/600A Bussmann JJN FUSES MAIN SERVICE DISCONNECT. COORDINATE LOCATION WITH UTILITY COMPANY AND DOLLAR GENERAL.

3 SETS OF (3)#3/0 CU, 2-1/2" 3 SETS OF (3)#3/0 CU, #6G, #6IG, 2-1/2"

600A UNDERGROUND SERVICE ENTRANCE PER UTILITY AND SITE-SPECIFIC CONDITIONS WIRING TO BE SIZED PER LOCAL CODE REQUIREMENT

3 SETS OF (3)#250, AL, 3" 600A OVERHEAD OR UNDERGROUND SERVICE ENTRANCE WEATHER HEAD 3 SETS OF (2) 500 ALUMINUM

SOLID GROUND ROD TIED IN 3 PLACES TO THE REBAR AND STUBBED UP IS AN ACCEPTABLE METHOD.
NOTE: Plans are drawn only. Hold conduit tight to exposed main girts and run as high as possible along perimeter walls to receiving area.

2. Add additional HVAC unit when required.

3. Phone line #1 - Two RJ-11 ports. One (1) located in office with RJ-45 data jack combo and one (1) at register. 24 GA. CAT 5, 4-pair twisted wire only. Use blue and blue & white wires. Hook to line #1 terminal in RJ-11 jack. Each phone jack to have dedicated, separate home run to DMARC. Label as "phone" at the destination and at DMARC. Phone company provides final hook up to DMARC only.

Phone line #2 - RJ-11 phone jack supplied and wired by contractor.

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### Device Schedule

<table>
<thead>
<tr>
<th>SYM</th>
<th>Description</th>
<th>Cable Type</th>
<th>Supplier</th>
<th>Installer</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>Network Sensor Switch</td>
<td>24 GA. 4-pair</td>
<td>General</td>
<td>Contractor</td>
<td>List Office Computer</td>
</tr>
<tr>
<td>T2</td>
<td>Motion Sensor Switch</td>
<td>24 GA. 4-pair</td>
<td>General</td>
<td>Contractor</td>
<td>List Office Computer</td>
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<tr>
<td>T3</td>
<td>Smoke Detector Switch</td>
<td>24 GA. 4-pair</td>
<td>General</td>
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<td>List Office Computer</td>
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<td>Carbon Monoxide Sensor</td>
<td>24 GA. 4-pair</td>
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<td>CO2 Sensor</td>
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<td>Temperature Sensor</td>
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<td>T8</td>
<td>Supply Temp Sensor</td>
<td>24 GA. 4-pair</td>
<td>General</td>
<td>Contractor</td>
<td>List Office Computer</td>
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</tbody>
</table>
SITE LIGHTING GENERAL NOTES

A. FINAL SIGN CONNECTION AND UNDERGROUND CONDUIT IS LANDLORD RESPONSIBILITY. PROVIDE CONDUIT FROM THE ELECTRICAL PANEL TO LOCATION OF THE PYLON SIGN BASE. BURY CONDUIT UNDER PARKING AREA. THE CONDUIT IS TO BE 1" AND HAVE ONE SET TO 10/2 WIRE WITH GROUND AND A 20-AMP TWO POLE BREAKER AT THE PANEL. A TEMPORARY 3' TALL STAKE SHALL BE PROVIDED TO DESIGNATE THE PYLON SIGN LOCATION UNTIL THE SIGN IS PERMANENTLY INSTALLED. REMOVE POST AFTER SIGN IS INSTALLED.

B. SITE / PARKING LOT LIGHTING: PROVIDE ADEQUATE POLE AND/OR WALL LIGHTING FOR NIGHT VISION AROUND ENTRY, PARKING AND DUMPSTER PAD AREAS.

C. MINIMUM OF 1.5 FOOT-CANDLES REQUIRED FOR ALL PAVED AREAS EXCLUDING 15' PERIMETER FROM EDGE OF PAVEMENT.

D. REQUIRED LIGHTING: A COMBINATION OF POLE LIGHTS, FLOOD LIGHTS WITH ARM AND WALL PACKS WILL BE USED. REFER TO ELECTRICAL SITE PLAN AND SHEET E2 FOR ADDITIONAL INFORMATION.

E. PLEASE NOTE THAT LIGHTING DESIGN AND LAYOUT SHOULD BE SITE SPECIFIC & MAY REQUIRE ADDITIONAL LIGHTING TO COMPLY WITH SITE DESIGN CONDITIONS. THEREFORE, MAKE PROVISIONS FOR MORE POLE LIGHTING WHEN A SPECIFIC SITE REQUIRES IT.

F. UNDERGROUND ELECTRICAL SHALL BE PROVIDED TO THE SITE LIGHT POLES.

G. WHERE LOCAL JURISDICTIONS DO NOT ALLOW DOLLAR GENERAL’S REQUIRED LIGHTING PLAN, AN ALTERNATE SITE LIGHTING PLAN & PHOTOMETRIC PLAN MUST BE SUBMITTED FOR APPROVAL TO THE DOLLAR GENERAL ARCHITECTURAL AND ENGINEERING DEPARTMENT.

H. PHOTOMETRIC SITE ANALYSIS AVAILABLE THROUGH DOLLAR GENERAL VENDOR, LEDS LLC.

I. DOLLAR GENERAL VENDOR PRICING FOR WALL PACKS OR POLE LIGHTING AVAILABLE FROM LEDS LLC.

J. SEE SHEET E2 FOR MORE INFORMATION.

K. VERIFY LOCAL DARK SKY REQUIREMENTS AND CONTACT VENDORS FOR APPROVED ALTERNATES IF REQUIRED.
1. All mechanical work shall be done in accordance with all state and local laws and ordinances and in a manner satisfactory to the owner and the authority having jurisdiction. It shall be the responsibility of the contractor to obtain all required permits, inspections and pay all applicable fees.

2. Service packaged HVAC systems are required. All manufacturers' heating and cooling space requirements by region on this sheet. All HVAC equipment shall be installed in strict accordance with manufacturers’ written installation guides.

3. Provide concentric diffuser kit as specified by Dollar General National Accounts HVAC manufacturers. (No exceptions permitted). Concentric diffuser kit shall be installed in strict accordance with manufacturers installation instructions. Concentric diffuser shall be hard ducted from HVAC unit. The use of flexible duct drops are not allowed, no exceptions.

4. Engineer shall perform complete load calculations based on current adopted mechanical and energy code requirements for building components.

5. Conduct quantity and size shall be determined by engineered sizing of coils and cooling load calculations. Dimensions of the required galvanized duct shall be found on SMACNA HVAC Duct Construction Standards for Metal and Flexible Ductwork. Supply, return and positive pressure exhaust ductwork shall be fabricated in accordance with the latest edition of SMACNA HVAC Duct Construction Standards for Metal and Flexible Ductwork. Supply, return and positive pressure exhaust ductwork shall be sealed in accordance with SMACNA Seal Class C.

6. If required, engineer shall supply as additional zone and add as additional temperature sensors to.

7. All HVAC units shall provide a single zone damper air temperature at the return and heating mode.

8. All HVAC units require an economizer and barometric relief.

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10. If required, provide smoke detector for HVAC unit. Verify current adopted state and local code upgrade is required, to meet heating and cooling requirements for installation and mounting location of smoke detector.

11. Refer to sheet EMS2, for general notes and details for roof curb information.

12. Providing HVAC systems shall be constructed of round galvanized sheet metal and be fabricated in accordance with the latest edition of the SMACNA HVAC Duct Construction Standards for Metal, Plastic and Flexible Duct. Supply, return and positive pressure exhaust ductwork shall be sealed in accordance with SMACNA Seal Class C.

13. Testing of HVAC units thru the panel is accomplished by warming up or cooling down a space temperature sensor and watching the fan, heat and cool stages cycle on and off. This requires two people at all times, one to watch the sensors and the other to watch operation of the HVAC unit. When complete, push the brown button to secure to the main switch.

14. Coordinate HVAC sensors locations with sheet EMS1. Locate space temperature sensors at 8’-0” A.F.F. when located with within 10 miles from coastline.

15. Power to HVAC units listed in preference order.

16. Provide 24Vac and required exhaust fan for return, exhaust fans interlocked with return ducts, exhaust fans shall be parallel and operate in unison. HVAC units located with preference above.

17. Concentric diffusers, available through York, can be used on all vendor’s equipment. Contact York national pricing for information located the bottom of diffusers at 12’ of grip.