

# DESIGNERS OF RECORD:

## ARCHITECT

### CURRAN ARCHITECTURE

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# NEW ROC-60 RESTAURANT FOR:

GPS HOSPITALITY  
 2100 RIVEREDGE PARKWAY  
 SUITE 850  
 ATLANTA, GA 30328  
 770-738-8796

# LOCATED AT:

771 BUCHANAN TRAIL EAST  
 GREENCASTLE, PA 17225



# INDEX OF DRAWINGS

## CIVIL ENGINEERING

REFER TO CIVIL DRAWINGS

## STRUCTURAL

- S-1 FOUNDATION PLAN AND DETAILS
- S-2 ROOF FRAMING PLAN
- S-3.1 STRUCTURAL NOTES & SPECIFICATIONS
- S-3.2 TRUSS DIAGRAMS AND NOTES
- S-4 STRUCTURAL DETAILS
- S-5 STRUCTURAL DETAILS

## ARCHITECTURAL

- A-1 FLOOR PLAN & MISC. DETAILS
- A-1.1 MISCELLANEOUS DETAILS
- A-2 EXTERIOR ELEVATIONS
- A-2.1 EXTERIOR FINISH SCHEDULE
- A-3 BLDG. CROSS-SECTIONS/INTERIOR ELEV.
- A-3.1 RESTROOM/ADA PLAN & ELEVATIONS
- A-4 REFLECTED CEILING PLAN
- A-4.1 REFLECTED CEILING DETAILS
- A-5 ROOF PLAN AND DETAILS
- A-6 WALL SECTIONS & DETAILS
- A-7 WALL SECTIONS & DETAILS
- A-8 WALL SECTIONS & DETAILS
- A-9 WALL SECTIONS & DETAILS
- A-10 DOOR SCHEDULE & DETAILS
- A-11 DIRECTORY OF MANUFACTURER AND SUPPLIERS

## INTERIOR DECOR

VENDOR DRAWINGS INCLUDED FOR REFERENCE

## KITCHEN EQUIPMENT

VENDOR DRAWINGS INCLUDED FOR REFERENCE

## MECHANICAL

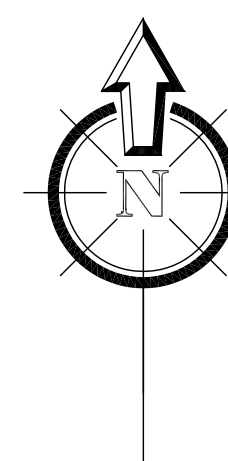
- M-1 HVAC FLOOR PLAN, NOTES & SCHEDULES
- M-2 HVAC ROOF PLAN & DETAILS
- M-3 EXHAUST DUCT INSTALLATION DETAILS
- M-4 HOOD DETAILS
- M-5 HOOD DETAILS
- M-6 HOOD DETAILS
- M-7 HOOD DETAILS

## PLUMBING

- P-1 SANITARY & WASTE PLAN & RISERS
- P-2 WATER AND GAS PLAN AND RISERS

## ELECTRICAL

- E-1 ELECTRICAL LIGHTING PLAN
- E-1.1 LIGHT FIXTURE SCHEDULE
- E-2 ELECTRICAL POWER PLAN
- E-3 ELECTRICAL PANELS & RISERS
- E-4 TECHNOLOGY PLAN
- E-5 MASTER CONTACTOR PANEL



# PROJECT LOCATION MAP

# CODE INFORMATION

**BUILDING CODE**  
 PENNSYLVANIA ACT 45 OF 1999, AS AMENDED, UCC  
 CHAPTERS 2-10, 12-29 AND 31-35 OF 2009 IBC  
 2009 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

**FIRE CODE**  
 2009 INTERNATIONAL FIRE CODE (IFC)

**PLUMBING CODE**  
 2009 INTERNATIONAL PLUMBING CODE (IPC)

**MECHANICAL CODE**  
 2009 INTERNATIONAL MECHANICAL AND FUEL GAS CODES (IMC & IFGC)

**ENERGY CONSERVATION CODE**  
 2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

**ELECTRICAL CODE**  
 2008 NATIONAL ELECTRICAL CODE (NEC)

**HANDICAPPED ACCESSIBILITY CODE**  
 CHAPTER 11 AND APPENDIX E OF 2012 INTERNATIONAL BUILDING CODE (IBC)

OCCUPANCY GROUP: A-2  
 TYPE OF CONSTRUCTION: V-B  
 FIRE SPRINKLERS: NO

BUILDING SIZE (COOLER/FREEZER ENCLOSED) 2,820 S.F.

OCCUPANT LOAD:	KITCHEN	1283 S.F./200	7
DINING ROOM	SEATING - CALCULATED (1001 S.F./15 = 67)		
	SEATING - ACTUAL FIXED		52
<b>TOTAL</b>			<b>59</b>

# NATIONAL ACCOUNT INFORMATION

REFER TO SHEET A-11,  
 DIRECTORY OF MANUFACTURERS AND SUPPLIERS.

# CONTRACTOR NOTES

- A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO SUBMITTING A BID. REPORT ANY DISCREPANCIES TO ARCHITECT OR ENGINEER PRIOR TO BID.
- B. BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE SUBMISSION OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR ANY DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION BEEN MADE, WILL NOT BE ALLOWED.
- C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD, OR TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.
- D. CONTRACTOR, DURING PRE-BID SITE VISIT, SHALL TAKE NOTICE OF ANY VISUALLY APPARENT CODE VIOLATIONS AND ALLOW IN HIS/HER BID FOR CORRECTING SUCH VIOLATIONS.
- E. CONTRACTORS ARE CAUTIONED TO COORDINATE ITEMS IN THEIR SCOPE OF WORK WITH OTHER TRADES.
- F. THESE NOTES APPLY TO ALL SHEETS.

NO.	DATE	BY	REVISION

CHECKED BY: SMC  
 DATE: 03-21-2018  
 ISSUED FOR CONSTRUCTION



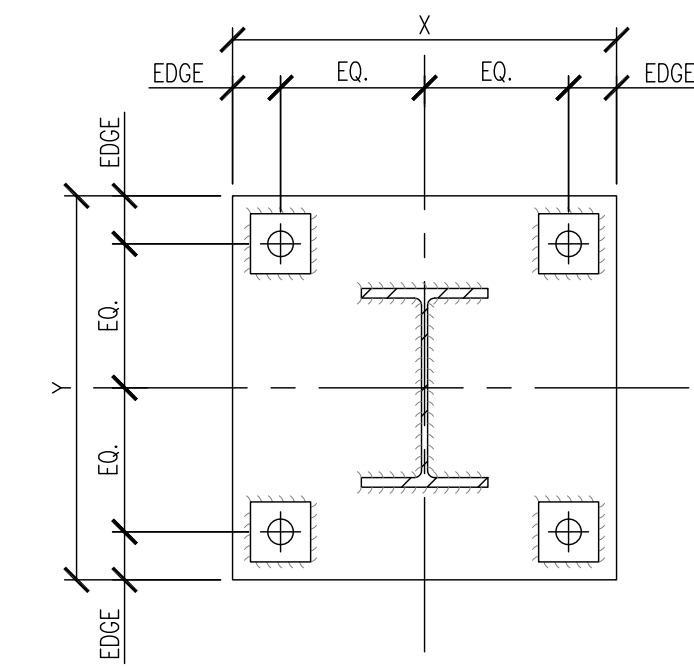
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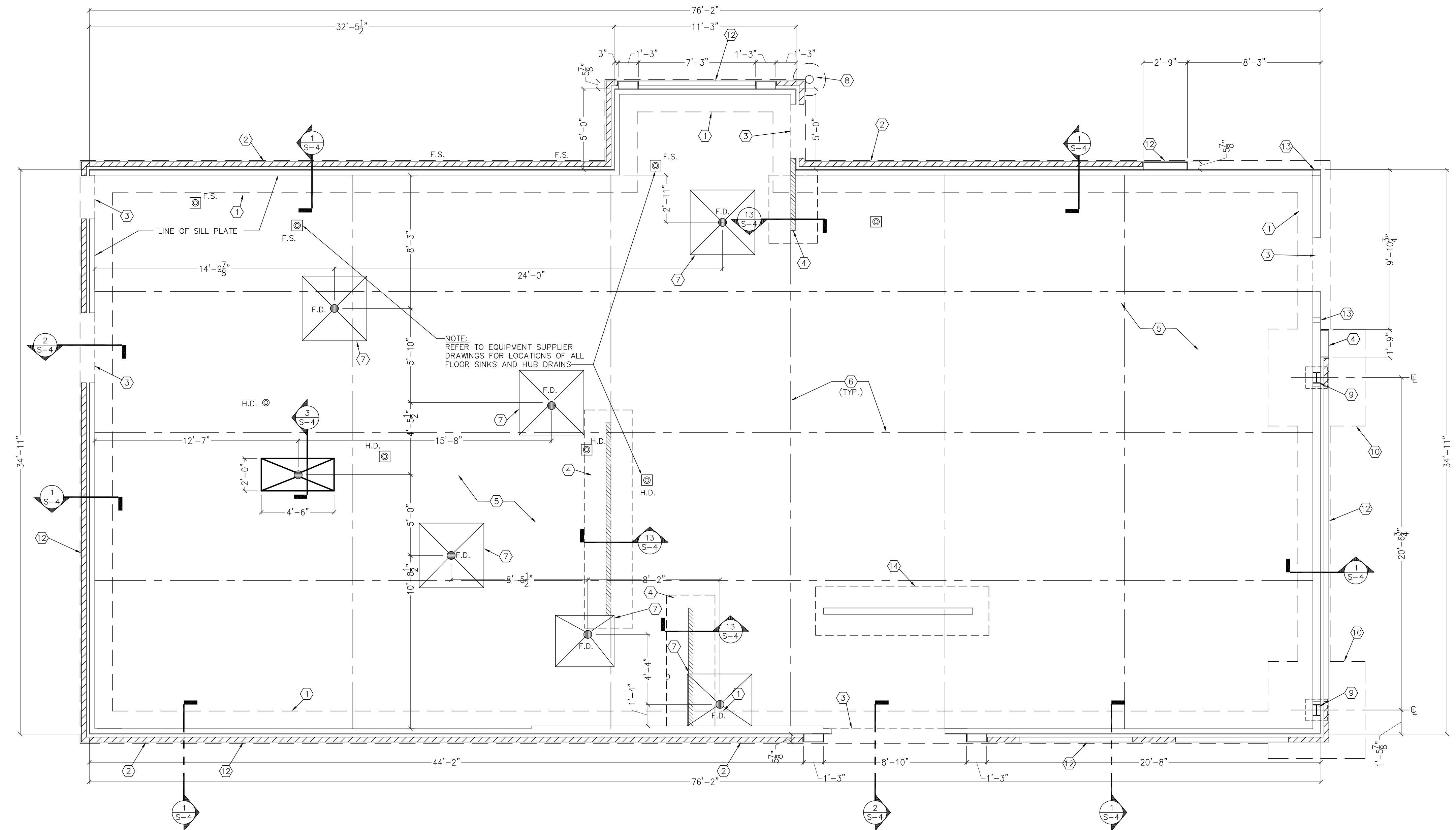


PROJECT #: 180004  
 ROC-60 REVERSE  
**BURGER KING RESTAURANT**  
 771 BUCHANAN TRAIL EAST  
 GREENCASTLE, PA 17225

# INDEX



COLUMN SIZE/TYPE	BASE PLATE SIZE			EQ. DIST.	EDGE DIST.	ANCHOR BOLT DIA.	MAX. HOLE DIA.
	X	Y	t				
W8x21	1'-4"	1'-4"	1 1/2"	6"	2"	1 1/4"	1 1/8"



**FOUNDATION PLAN NOTES**

- REFER TO SHEET S-3 FOR ADDITIONAL NOTES AND DESIGN CRITERIA.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- 0'-0" = FINISHED FLOOR OF NEW STRUCTURE. REF. SITE/CIVIL DRAWINGS FOR EXACT USGS ELEVATION.
- STEP THE BOTTOM OF ALL PERIMETER WALL AND COLUMN FOOTINGS AND SLEEVE AS REQUIRED FOR PLUMBING LINES (I.E. SANITARY SEWER, STORM SEWER, WATER LINES, ETC.) SHOWN ON PLUMBING DRAWINGS. REFER TO THE TYPICAL DETAILS ON SHEET S-4.
- PROVIDE CONTROL JOINTS (C.J.) AS SHOWN ON PLAN. CONTROL JOINT SPACING SHOULD NOT GENERALLY EXCEED 12'-0" IN ANY DIRECTION, WITH A MAXIMUM PANEL ASPECT RATIO OF 1.5. SUBMIT CONTROL JOINT LAYOUT PLAN FOR REVIEW PRIOR TO SLAB CONSTRUCTION.
- COLUMN AND WALL FOOTINGS TO BEAR ON ALLOWABLE SOIL PRESSURE OF 2,000 PSF. WHERE THIS CAPACITY CANNOT BE ACHIEVED, THE SOIL SHOULD BE REMOVED TO A DEPTH APPROVED BY THE SOILS ENGINEER AND REPLACED WITH ENGINEERED FILL WITH AN ALLOWABLE SOIL PRESSURE MATCHING THE DESIGN PRESSURE LISTED ABOVE. REFER TO THE DETAILS ON SHEET S-4 FOR ADDITIONAL INFORMATION.
- EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING) AND AS APPROVED BY THE GEOTECHNICAL TESTING AGENCY.
- CONTRACTOR SHALL REFER AND CONFORM TO ALL RECOMMENDATIONS AND FINDINGS SET FORTH IN THE SOILS GEOTECHNICAL REPORT. THE OWNER AND/OR ARCHITECT ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE FINDINGS. OR FOR THE FINAL RECOMMENDATIONS, GRADING, TRENCHING, ETC. - CONTACT OWNER FOR INSTRUCTIONS PRIOR TO THE CONTINUATION OF WORK SHOULD ANY UNUSUAL CONDITIONS BECOME APPARENT DURING GRADING OR FOUNDATION CONSTRUCTION. EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.

**KEYED NOTES**

- 28"x14" CONC. FOOTING WITH (3) #5 CONTINUOUS & #4 TRANSVERSE AT 48" o.c. TOP OF FOOTING TO BE 32" MIN. BELOW FINISHED GRADE.
- HATCHED AREA REPRESENTS FULL HEIGHT VENEER PER ARCH. DRAWINGS. PROVIDE LEDGE PER DETAIL 1/S-4.
- SEE DETAIL 2/S-4 FOR TYP. DETAIL AT EXTERIOR ENTRY.
- PROVIDE THICKENED SLAB BELOW INTERIOR SHEAR WALL. REFER TO DETAIL 13/S-4.
- 4" CONC. SLAB w/ FIBER REINF. ON 15 MIL. VAPOR BARRIER ON MIN. 6" COMPACTED CRUSHED STONE.
- CONTROL/CONSTRUCTION JOINTS, SEE NOTE 5 ABOVE AND DETAIL 10/S-4.
- 4'x4' AREA SLOPED TO DRAIN @ 2%, TYP.
- 6" x 8'-0" STEEL BOLLARD, FILL WITH CONCRETE, TOP OF BOLLARD AT 5'-0" ABOVE SURFACE OF PAVING WITH 24" x 3'-0" DEEP CONCRETE FOOTING
- W8x21 STEEL COLUMN CENTERED WITHIN 6" STUD WALL. SEE BASE PLATE SCHEDULE THIS SHEET AND DETAILS ON S-4 FOR MORE INFO.
- 6'-0"x6'-0"x2'-6" CONC. FOOTING w/ (9) #5 x 5'-6 EA. WAY TOP AND BOTTOM.
- WALL BUMP-OUT AT TOWER ELEMENTS. REFER TO SHEET A-1 FOR EXTENTS.
- LINES REPRESENT BRICK VENEER BELOW STORE FRONT OPENINGS PER ARCH. DRAWINGS. PROVIDE LEDGE PER DETAIL 1/S-4.
- 4x6 POST, MIN. SPF No. 1/2
- PROVIDE THICKENED SLAB PER 13/S-4 BELOW INTERIOR BEARING WALL.

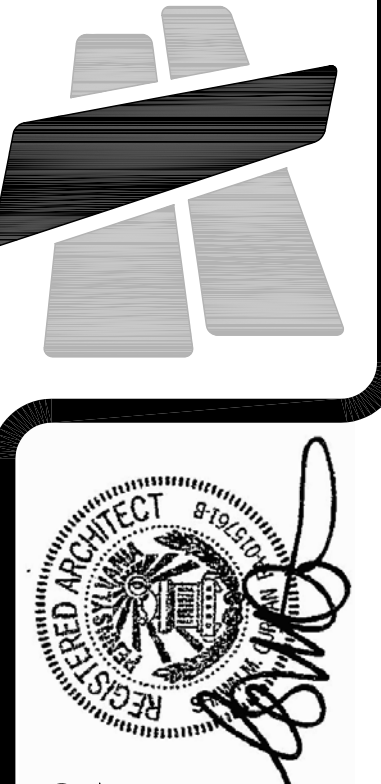
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**BURGER KING**

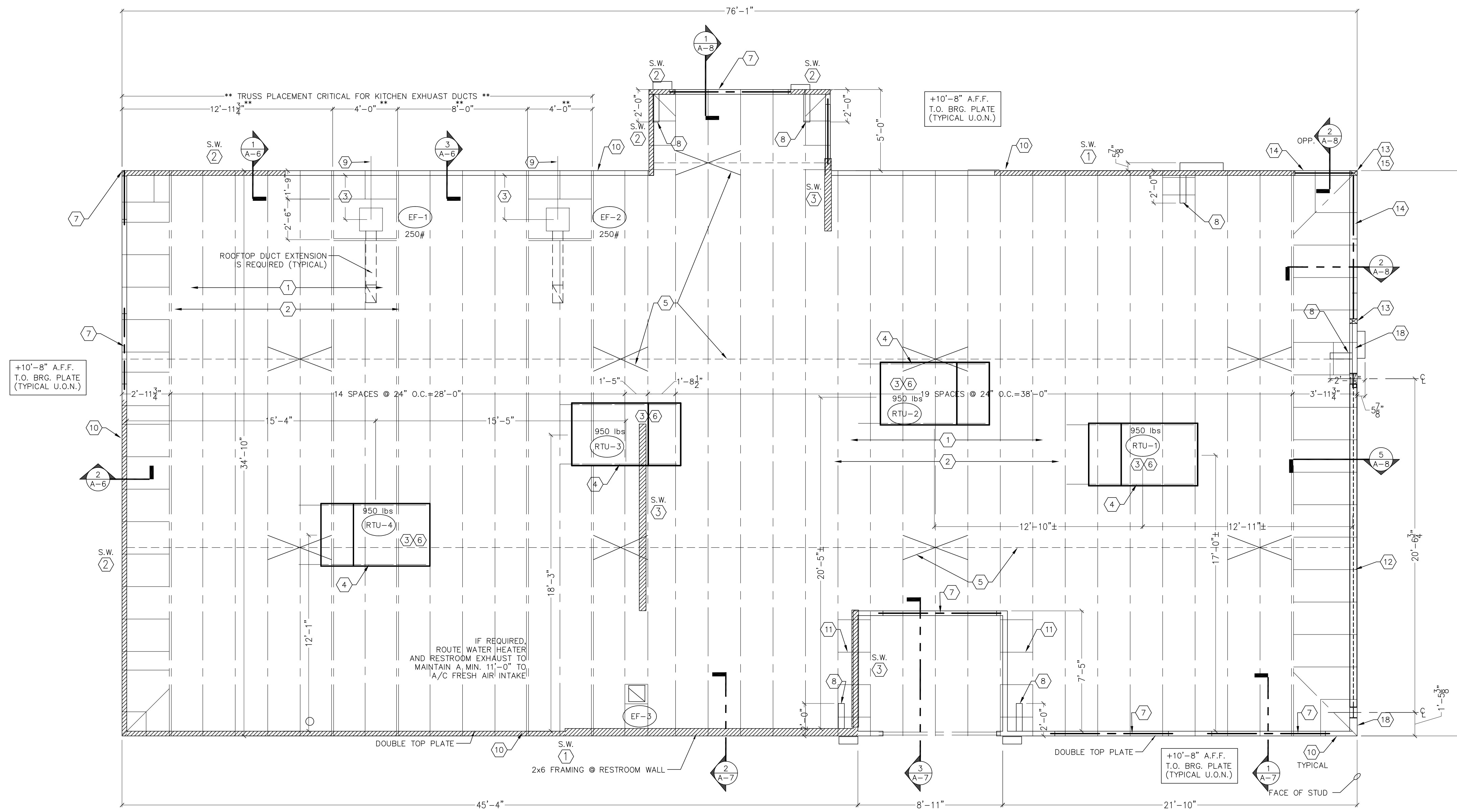
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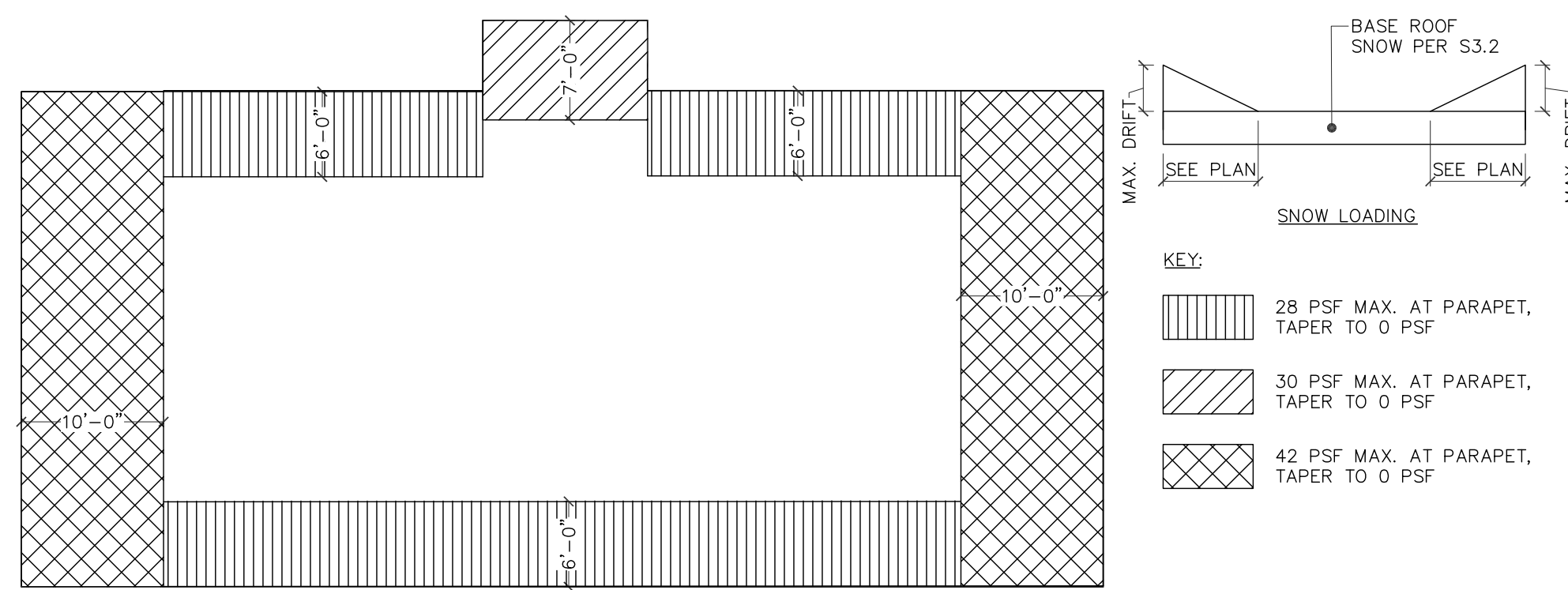


PROJECT #: 180004  
ROC-60 REVERSE  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
**FOUNDATION PLAN**



**ROOF FRAMING PLAN**

SCALE: 1/4" = 1'-0"



SNOW DRIFT LOAD PLAN

**KEYED NOTES:**

- 1) 5/8" CDX PLYWOOD SHEATHING TYPICAL. REFER TO ROOF DIAPHRAGM NAILING NOTE ON THIS SHEET.
- 2) PREFAB. WOOD TRUSSES AT 2'-0" O.C. MAX. (TYP) UNLESS NOTED
- 3) ROOF OPENING FOR MECHANICAL SYSTEMS, REF. TO MECH. SHEETS FOR SIZE OF ROOF PENETRATIONS.
- 4) (2) 2x8 BETWEEN TRUSSES w/ SIMPSON HUS28 HANGER EACH END
- 5) REFER TO NOTE NO. 14 OF THE "PRE-FABRICATED, PLATE CONNECTED WOOD TRUSSES" ON SHEET S-3 FOR INFORMATION REGARDING TEMPORARY AND PERMANENT TRUSS BRACING.
- 6) REFER TO M-2 FOR A/C CURB MOUNTING DETAIL. COORD. EXACT SIZE, LOCATION, AND WEIGHT OF MECHANICAL UNITS, EXHAUST HOODS, ETC., w/ MECHANICAL CONTRACTOR PRIOR TO TRUSS SHOP DRAWING SUBMITTAL.
- 7) WOOD HEADERS TO BE INSTALLED AT TOP OF WALL IMMEDIATELY BELOW THE DOUBLE TOP PLATE. ALL HEADERS TO HAVE A DOUBLE SILL PLATE AT THE TOP AND BOTTOM OF THE OPENING. HEADERS UP TO 7'-0" SPAN TO BE (2) 2x12 WITH (2) JACK AND (1) KING STUD EA. END. HEADERS OVER 7' SPAN TO BE (2) 1.75"x11.875" LVL w/ (3) JACK AND (1) KING STUD EA. END. U.N.O. ON THE FRAMING PLAN
- 8) PROVIDE 2x4 FRAMED RETURN WALL AT RAISED PARAPET TOWER ELEMENT. REFER TO DETAILS #3 AND #4, SHEET A-8
- 9) CENTER LINE OF EXHAUST DUCT. VERIFY LOCATION IN FIELD. VERIFY DUCT SIZE WITH MANUFACTURER.
- 10) ALL WALL FRAMING TO BE 2x4 WOOD STUDS @ 16" O.C. (U.O.N.)
- 11) 2x4 BLOCKING @ 24" O.C. AT BOTTOM CHORD OF TRUSS FOR BRACING OF NON-LOAD BEARING EXTERIOR WALLS.
- 12) W14x26 BEAM w/ 3/8" BOTTOM PLATE FOR BRICK SUPPORT. REFER TO DETAIL 9/S-5 FOR MOMENT FRAME CONNECTION DETAILS. COORD. BEAM ELEVATION w/ ARCHITECTURAL DRAWINGS.
- 13) 4x6 POST - MIN. SPF No. 1/2.
- 14) PROVIDE (2) 1.75"x7.25" LVL BELOW 10'-0" WINDOW OPENING. INSTALL LVL TIGHT TO BOTTOM OF TRUSSES AND SHIM AS REQUIRED BELOW FOR WINDOW INSTALLATION.
- 15) PROVIDE SIMPSON STRONG-TIE "PTC44" SQUARE-CUT POST CAP FOR LVL BEARING. LONGER MEMBER ON FRONT WALL TO BEAR ON POST, SHORTER MEMBER ON DRIVE-THRU WALL TO BEAR ON CAP.
- 16) PROVIDE 2x4 STUDS AT 12" o.c. MAX. AT DRIVE-THRU BEARING WALL.
- 17) PROVIDE BLOCKING MATERIAL BETWEEN TRUSSES UNDER ROOF DECK AND INSTALL SIMPSON CMSTC16 STRAP LAPPED MIN. 4'-0" ONTO ADJACENT WALLS.
- 18) PROVIDE 2x6 STUDS AT 16" o.c. AT FRONT WALL.

**ROOF/WALL SHEATHING SCHEDULE**

**SHEAR WALL SCHEDULE (HATCHED ON PLAN)**

WALL	HOLDOWN/ANCHOR	SHEATHING	NAILING	SILL PL. ANCHOR SPC.	NOTE
1	HTT4 / 5/8" DIA. SSTB24	S-1	N-1	32" o.c.	---
2	HTT5 / 5/8" DIA.	S-1	N-2	32" o.c.	SEE NOTE 5
3	HTT5 / 5/8" DIA.	S-1	N-3	24" o.c.	SEE NOTE 5

**SHEAR WALL SCHEDULE NOTES:**

- GENERAL**
1. PROVIDE MIN. (3) CHORD STUDS AT THE END OF EACH SHEAR WALL. TYP. FASTEN CHORD STUDS TOGETHER w/ NAILS AT SAME SPACING AS FOR THE SHEATHING & USE THE SAME NAIL AS IS USED FOR THE SHEATHING WITH A 3" MIN. LENGTH.
  2. WHERE A VERTICAL SHEATHING JOINT FALLS ON THE JOINT BETWEEN TWO ADJACENT STUDS (SUCH AS THE ENDS OF SHOP OR SITE BUILT PANELS) FASTEN STUDS TOGETHER WITH THE SAME NAILS AT SAME SPACING AS FOR THE SHEATHING EXCEPT NAIL LENGTH SHALL BE 3" MIN.
  3. WOOD STRUCTURAL PANELS MAY BE APPLIED HORIZONTALLY OR VERTICALLY.
  4. HOLDOWN ANCHORS TO BE SET w/ HILTI "HIT-HY 200" ADHESIVE ANCHORING SYSTEM OR APPROVED EQUIVALENT. PROVIDE ANCHORS w/ MIN. 6" EMBED. DEPTH INTO SOLID-GROUTED MASONRY FOUNDATION WALL OR CONCRETE, TYP.
  5. SHEAR WALL OF THIS TYPE TO BE INSTALLED TIGHT TO ROOF DECK ABOVE. NAIL ROOF SHEATHING TO TOP OF WALL w/ 10d NAILS AT 3" o.c. REFER TO DETAIL 12/S-5 FOR ALTERNATE CONN. IF WALL TO DECK IS NOT POSSIBLE.
  6. FASTENERS SHOWN TO BE COMMON SHANK NAILS, LONG ENOUGH TO PENETRATE 1 1/2" INTO STUDS, TYP.
  7. BOTTOM PLATE ANCHORS MAY BE CAST-IN-PLACE OR POST-SET ANCHORS. CAST-IN-PLACE ANCHORS SHALL BE 5/8" DIA. A36 THREADED ROD w/ MIN. 5" EMBEDMENT. POST-SET ANCHORS MAY BE SCREW TYPE ANCHORS (SUCH AS THE 5/8" DIA. SIMPSON STRONG-TIE "TITEN HD" ANCHORS WITH 5" MIN. EMBEDMENT) OR CHEMICALLY SET (USING HILTI "HIT HY-200" ADHESIVE ANCHORING SYSTEM). PROVIDE ANCHORAGE AT SPACING SHOWN IN THE TABLE ABOVE. SPECIFIC ANCHOR SHOULD BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

**SHEATHING**  
S-1: 1/2" NOMINAL PLYWOOD (15/32" ACTUAL), ALL PANEL EDGES BLOCKED

**NAILING**  
N-1: 8d NAILS AT 6" ON CENTER AT ALL PANEL EDGES AND 12" o.c. AT INTERMEDIATE SUPPORTS  
N-2: 8d NAILS AT 4" ON CENTER AT ALL PANEL EDGES AND 12" o.c. AT INTERMEDIATE SUPPORTS  
N-3: 10d NAILS AT 3" ON CENTER AT ALL PANEL EDGES AND 12" o.c. AT INTERMEDIATE SUPPORTS.  
NOTE: NAILS MUST BE STAGGERED AND FRAMING AT PANEL JOINTS MUST BE MIN. (2) 2x STUDS NAILED TOGETHER PER NOTE 5 OF THE "WOOD FRAMING NOTES" ON SHEET S3.2.

**ROOF DIAPHRAGM**  
USE 5/8" APA RATED SHEATHING, BLOCKED AT PANEL EDGES, WITH 8d NAILS AT 6" ON CENTER AT PANEL EDGES AND INTERMEDIATE SUPPORTS.

**NON-SHEAR WALL NAILING**  
N-1: 8d NAILS AT 6" ON CENTER AT ALL PANEL EDGES AND 12" o.c. AT INTERMEDIATE SUPPORTS

**GENERAL NOTES:**

- A. ROOF OPENINGS FOR A/C UNITS: CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH MFR. AND SUPPLY SHOP DRAWINGS FOR INSTALLATION.
- B. IF REMOTE COMPRESSORS ARE USED, CONTRACTOR SHALL COORDINATE INSTALLATION WITH EQUIPMENT MANUFACTURER.
- C. SEE SHEET A-5 FOR DETAIL OF SCUPPERS, ROOF DRAINS, ROOF PENETRATIONS AND PITCH PANS.
- D. REFERENCE MECHANICAL SHEETS FOR RTU MOUNTING DETAILS.
- E. STRUCTURAL NOTES AND DESIGN CRITERIA: REFERENCE SHEET S-3.
- F. TRUSS MANUF. TO SUBMIT CERTIFIED SHOP DRAWINGS FOR APPROVAL, PRIOR TO FABRICATION. REFER TO SHEET S-3 FOR ADD'L NOTES
- G. REFERENCE SHEET S-3 FOR DETAILS OF TRUSS PROFILES.
- H. ALL HORIZ. FRAMING LUMBER, INCLUDING 2x JOISTS, BEAMS AND HEADERS SHALL BE DENSE NO. 2 DOUGLAS FIR-LARCH OR BETTER.
- I. ALL WOOD STUDS SHALL BE STRUCTURAL NO. 2 DOUGLAS FIR-LARCH OR BETTER.
- J. ALL BEAM SPLICES SHALL OCCUR OVER SUPPORT COLUMNS.
- K. VERIFY EXACT LOCATIONS OF MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
- L. ROOF TRUSSES TO BE 2'-6" MAX. IN DEPTH. IF DEEPER ROOF TRUSSES ARE REQUIRED, PLEASE NOTIFY ARCHITECT IMMEDIATELY.
- M. WHERE MULTIPLE TRUSSES ARE INDICATED, TRUSSES SHALL BE FASTENED TOGETHER AS SPECIFIED BY THE TRUSS MANUFACTURER.
- N. REFERENCE SHEETS S-3.1 & 3.2 FOR STRUCTURAL NOTES.

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ROOF-60 REVERSE  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225



## WOOD FRAMING NOTES

- For wood connections not specifically noted or detailed, follow the requirements of IBC 2006 Table 2304.9.1 or ESR 1539.
- All nails are common nails unless noted otherwise. All nails shall be carefully driven and not overdriven. Submit all proposed fasteners for approval prior to construction. Installation of all fasteners shall meet the requirements of NDS and ISANTA guidelines, including those in ESR 1539, and section 2303.6 of the IBC.
- Refer to the Wall Schedules and/or Framing Plans for size, spacing, and species of wall studs and plates. If not shown otherwise, studs and plates are to be #1 or #2 Spruce-Pine-Fir (SPF) with stud spacing 16" o/c maximum. If not shown otherwise, bearing wall headers are to be #2 Southern Pine (SYP).
- At the contractor's discretion, studs in non-load bearing interior wall may be premium stud grade at 16" o.c. on all levels.
- Fasten double (DBL) studs together with 0.131" x 3" nails at 6" o/c U.N.O. For more than two studs fasten in the same way nailing as each stud is added.
- See the header schedule for all header sizes and materials. All headers in non-bearing interior walls are to be (2)2x4 #2 SPF for openings up to 4'-0" & (2)2x6 #2 SPF for openings over 4'-0". All headers in non-load bearing walls to have (1) jack stud at each end.
- Refer to the Shear Wall Schedule for sheathing, nailing, strap ties, hold downs, etc. required for wood-panel-sheathed and gypsum-wallboard-sheathed shear walls.
- Use double top plates on all walls including non-load bearing walls with all splices, corners & intersections lapped.
- Unless otherwise noted on plan or detail, anchor wall plates to foundations and/or supporting structure using Simpson Strong Tie Titen HD Heavy Duty Screw Anchors, 1/2" diameter with minimum 5" embedment. Space anchors at 48" o.c. for load bearing and non-load bearing walls. Reduce spacing to 24" o.c. for all shear walls.
- Coordinate final floor and roof framing including joist or truss layout & truss member configuration with Mechanical, Electrical, & Plumbing drawings (MEP). Obtain additional MEP information as needed for complete coordination. Keep all mechanical chases free of framing. Do not locate joists or trusses at parallel plumbing walls.
- Always bear floor and roof joists or trusses on available interior and exterior bearing walls. Do not clear span framing disregarding an available bearing wall where such a bearing wall is identified.
- Where floor trusses are used, use a minimum of (2)4x2 vertical members in floor trusses at all bearings unless noted otherwise. One of these verticals may be under a ribbon board at the end of the truss where ribbon boards are allowed. Do not allow for, nor use ribbon boards at the ends of trusses where solid, continuous full-height blocking or continuous wood sheathed knee walls are indicated to be used. Where ribbon boards are used with floor trusses they are to be 2x6 minimum.
- Design roof joists or trusses to support the weight of snow drifting where it applies as well as roof top mechanical units, exhaust fans, access hatches, etc. Confirm weights & locations before final design. Show the loads for these units/fixtures on the sealed drawings. The Contractor shall ensure the units are installed at their design locations.
- Where framing supported by a joist or truss can cause uplift on that joist or truss (such as at cantilevered balcony framing) the designer shall run a load case that maximizes the uplift load in combination with no live loads on the joist or truss supporting the uplift.
- All exposed framing to be pressure preservative treated wood (PPT), reference specs. All PPT wood to be kiln dried after treatment (KDAT). Hardware used with PPT wood to be HDG or S.S.
- All hardware to be Simpson Strong Tie, U.N.O. Where hardware is not specifically designated, submit proposed hardware for approval. Where more than one type of fastener or fastener pattern is allowed by the hardware manufacturer, hardware fasteners are to be of the type, size, and quantity to maximize the load capacity of the hardware in the specific application shown on these plans U.N.O.
- Reference the Architectural Plans for layout of all walls, openings, wall types, etc. Verify all dimensions prior to design of wall panels & immediately notify the Architect and Engineer of any discrepancies.
- Where a Specialty Structural Engineer (SSE) designs floor and/or roof framing (such as trusses or I-joists) at the bearing of all girders and beams, the floor and/or roof designer shall provide the Wall Panel Designer the loads/reactions and locations of all girder and beams. The Wall Panel Designer shall specify and the Wall Panel Manufacturer shall install sufficient columns/studs to support all such loads from the girder's and beam's bearings down to the supporting foundation or podium framing. The Contractor shall ensure the presence of such columns/studs. Similarly, where walls are field-framed, the Framing Contractor shall install the columns/studs for support of girders and beams. As a minimum, the number of studs shown on these plans shall be used with a minimum of (2) 2x6 or (3) 2x4 studs.
- At bearing walls, blocking must be added in the floor system to create continuity of all shear wall chord studs, posts and columns, jack/king studs at headers, etc. Such blocking shall be part of the sheathed shear blocking panels, or knee walls where they are used.
- Where decks or balconies are wood framed, if the railing relies on its connection to the wood balcony beams or rim joists for stability and load resistance then the railing designer shall check torsion and other effects on the edge beams or joists and their connections.

## DIMENSIONS OF COMMON NAILS

Pennyweight	Min. Length (inches)	Shank Diameter (inches)
6d	2	0.113
8d	2.5	0.131
10d	3	0.148
16d	3.5	0.162
20d	4	0.192

- Notes:**
- Nails called out in plan, section, detail, or schedule are always common nails. nail diameter is per ESR-1539, NDS, and the table above except that nail length will always be 3" minimum when nailing 2X framing members together and 3.5" when nailing LVL's.
  - For connections not shown, refer to IBC table 2304.9.1 for minimum fastening requirements.
  - For fastening of multiple LVL plies, follow the LVL manufacturer's requirements.
  - For fastening of Simpson Strong-Tie and other hardware, follow the hardware manufacturer's requirements. Fill all fastener holes with the required fasteners unless otherwise noted.

## PREFABRICATED, PLATE-CONNECTED WOOD TRUSSES

- Wood trusses shall be designed by the Truss Manufacturer to support the following loads:
  - Roof Truss, Typ. (See load diagram below for additional loading at corridors):
    - Top Chord Loading:
      - Live Load: 20 psf
      - Snow Load: 5 psf + Drift Loads per plan
      - Dead Load: 15 psf
    - Bottom Chord Loading:
      - Dead Load: 10 psf
    - Wind Loading: Per the 2012 IBC.

Trusses shall meet the following deflection criteria, unless otherwise noted. Maximum live load deflection shall not exceed:

- Roofs with suspended ceilings: L/360
- Roofs with no ceilings: L/240

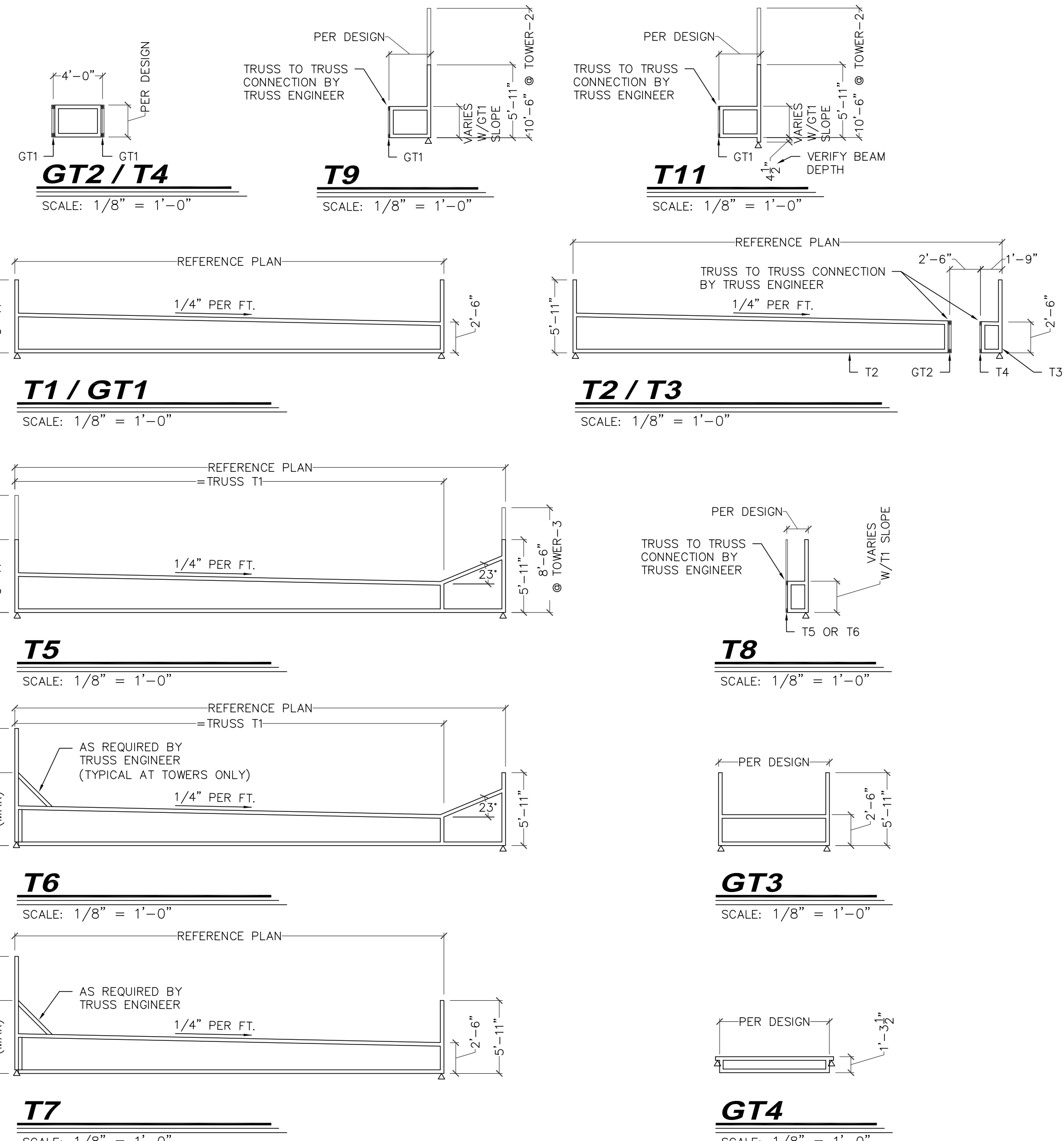
- Wood trusses shall be designed by the Truss Manufacturer in accordance with the applicable provisions of the latest edition of the National Design Specification of the American Forest & Paper Association, The Design Specification for Metal Plate Connected Wood Trusses of the Truss Plate Institute (TPI), Wood Structural Building Components Association (SBCA) and the Pennsylvania Uniform Construction Code (UCC).
- Wood trusses shall be fabricated by a Truss Manufacturer who maintains written procedural and quality control manuals and engages in periodic auditing of fabrication practices and inspections as required by ANSI/TPI 1, Chapter 3. In addition, the Truss Manufacturer shall engage in periodic, unannounced auditing by an approved third-party inspection agency such as TPI for review. If the Truss Manufacturer cannot fulfill these requirements, the SER may, at his discretion, require or accept from the Truss Manufacturer, a letter sealed by a Professional Engineer (SSE) registered in the State of Pennsylvania verifying his inspection of the manufactured wood trusses supplied for this project. The SSE shall verify that the trusses are in compliance with the quality standards of ANSI/TPI 1, Chapter 3. The SSE shall have significant prior experience in the inspection of metal plate-connected wood trusses.
- Wood materials shall be Southern Pine, SPF, or Douglas Fir-Larch and shall be kiln-dried and used at 19% maximum moisture content. Provide Grade No. 2 or better as required to satisfy stress requirements.
- Connector plates shall be not less than 0.036 inches (20 gauge) in coated thickness, shall meet or exceed ASTM Grade A or higher, and shall be hot-dip galvanized according to ASTM A653 (coating 60). Minimum yield stress shall be 33,000 psi.
- Trusses shall be fabricated in a properly equipped manufacturing facility of a permanent nature. Trusses shall be manufactured by experienced workmen, using precision cutting, jigging and pressing equipment under the requirements of quality control as indicated in ANSI/TPI 1, Chapter 3.
- Secondary bending stresses in top and bottom chords due to dead, live, and wind loads shall be considered in the design. Load duration factors shall be per the "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".
- All girder trusses supporting other trusses or 2x framing members shall be a MINIMUM of (2) plies, unless otherwise approved. Refer to the Manufacturer's Truss Design Drawing for girder ply-to-ply connection requirements. Attach framing members or loads only after all girder plies are in place and properly fastened together, and the girder truss is properly braced to prevent lateral displacement. Refer to BCSI-B9 "Multi-Ply Girders" as published by the SBCA and TPI for additional information.
- Truss-to-girder connection information shall be shown on the Manufacturer's Truss Design Drawing of the carried truss or girder truss, or the Manufacturer's Truss Placement Drawing. Unless otherwise approved, all truss/joint hangers, straps, ties, etc. shall be as manufactured by the Simpson Strong Tie Company.
- Unless otherwise shown or noted, ALL truss bearings shall be anchored using a mechanical fastener. As a minimum, provide H2.5A Wind/Seismic anchors as manufactured by the Simpson Strong Tie Company.
- Wood trusses shall be erected in accordance with the Truss Manufacturer's requirements. This work shall be performed by a qualified and experienced contractor. Truss erection by an inexperienced or non-qualified contractor can result in construction collapse and/or serious injury and damage.
- Where long span trusses (greater than 60' span) are used, refer to BCSI (especially BCSI-B1 and BCSI-B2) special recommendations and requirements for the installation and temporary restraint/bracing of long span trusses. Follow all BCSI recommendations and requirements for the installation and temporary restraint/bracing of long span trusses including consulting a registered Professional Engineer familiar with the installation and temporary restraint/bracing of long span trusses.
- The Contractor shall provide all temporary and permanent bracing/restraints as required for safe erection and performance of the trusses. The guidelines set forth by the following joint publications of the Truss Plate Institute (TPI) and the Structural Building Components Association (SBCA) shall be adhered to unless otherwise shown in the Contract Documents.
  - BCSI-B1 GUIDE FOR HANDLING, INSTALLING AND BRACING OF METAL PLATE CONNECTED WOOD TRUSSES
  - BCSI-B2 TRUSS INSTALLATION AND TEMPORARY BRACING
  - BCSI-B3 WEB MEMBER PERMANENT BRACING/WEB REINFORCEMENT
  - BCSI-B4 CONSTRUCTION LOADING
  - BCSI-B5 TRUSS DAMAGE, JOBSITE MODIFICATIONS AND INSTALLATION ERRORS
  - BCSI-B6 GABLE END FRAME BRACING
  - BCSI-B7 TEMPORARY AND PERMANENT BRACING FOR PARALLEL CHORD TRUSSES
  - BCSI-B8 TOE-NAILING FOR UPLIFT REACTIONS
  - BCSI-B9 MULTI-PLY GIRDERS
  - BCSI-B10 POST FRAME TRUSS INSTALLATION AND BRACING
  - BCSI-B11 FALL PROTECTION AND WOOD TRUSSES
- Unless otherwise shown or noted, permanent bracing/restraint shall consist of 2x4 minimum stress-graded members spanning a minimum of four trusses and nailed at each intersection with a minimum of two 16d nails. Lap continuous bracing/restraint a minimum of 2'-0" (2 trusses).
- Refer to the Manufacturer's Truss Design Drawing for web members requiring web member permanent web restraint or reinforcement. Continuous lateral restraints must ALWAYS be diagonally braced for rigidity.
- Wherever possible, the temporary erection bracing as described in BCSI-B2 shall be left in place to function as permanent bracing.
- "T" or "L" reinforcement of the type described in BCSI-B3 shall be used as the means of resisting web member buckling forces in girder trusses and small-quantity trusses. Girder trusses shall be those trusses supporting other trusses, beams, or framing, or trusses more than 24" o.c. Small quantity trusses shall be those where because of the small quantity of similar trusses with aligned web members requiring bracing/restraint (such as parallel step-down trusses), the installation of continuous lateral restraints and the diagonal bracing for the continuous lateral braces is impractical using the methods of BCSI. Such "T" or "L" reinforcement shall be designed by the Truss Design Engineer and shown on the sealed Truss Design Drawings.
- Design all wood truss bearings using the compression perpendicular-to-grain value of the truss lumber OR the wall plate lumber/nauler, WHICHEVER IS LESS. The bearing length or area shown on the sealed truss drawings shall be based on this lesser value. Use additional truss plies or truss bearing enhancement devices to achieve the required bearing area. If the bearing enhancement device has a valid ESR report, it may be shown on the Truss Placement Plan instead of being shown on the sealed Truss Drawings.
- Trusses which are too tall for delivery to the jobsite in one piece may be manufactured in two or more sections and "piggybacked" at the jobsite. The Contractor MUST install all temporary and permanent bracing for the lower supporting trusses as shown on the Manufacturer's Truss Design Drawing and/or the Contract Documents BEFORE installing the cap trusses. The connection between the cap and base truss shall be shown on the sealed Truss Design Drawing. Provide, as a minimum, 4x2 sleepers laid flat on the top chord of the supporting trusses, spaced at 24" o.c. maximum and nailed to the top chord with a minimum of two 16d nails (see Truss Design Drawing for any other or additional requirement). Provide 4" o.c. (brace to brace) diagonal bracing at 45 degrees to brace the sleepers. Install diagonal braces on the bottom side of the top chord in the cap area, unless otherwise specified by the Truss Design Engineer.

## PREFABRICATED, PLATE-CONNECTED WOOD TRUSSES (CONT.)

- Truss members and components shall not be cut, notched, drilled nor otherwise altered in any way without the written approval of the Truss Design Engineer (see Specialty Structural Engineer notes).
- Where trusses and/or wood joists and rafters are to be supported by steel beams, provide continuous 2x nailer(s) field-bolted to the top of the steel beam with 3/4" diameter carriage bolts spaced a maximum of 24" on center and staggered each side of the beam web. Width of nailer to equal width of the beam flange + 3/4" x 1/4", unless otherwise noted. Carriage bolts may be over-lightened to compress the rounded head in the nailer to facilitate installation of continuous band/rim joists, rafters, trusses, etc..
- Coordinate final truss layout and truss web member configuration with mechanical, electrical and plumbing trades. Keep all mechanical chases free of trusses. Align floor truss web layout, including open Vierendeel panels for all parallel trusses with similar spans to provide maximum flexibility of MEP installation. Do not locate trusses at parallel plumbing walls.
- Submit complete shop drawings for all wood trusses showing member sizes, species, grade, moisture content, span, camber, dimensions, number of plies and truss ply-to-ply connections, reactions and bearing requirements, chord pitch, restraint/bracing requirements, loadings including any girder loads, field assembly of multi-part trusses, and required cap truss to base truss connection. All required information must be complete on the individual truss drawing. No reference to another drawing sheet, note external to that individual truss drawing, or detail not shown on that individual truss drawing may be used to convey any of this required information. Shop Drawings shall be submitted to the SER and shall bear the seal of a Professional Engineer (SSE) registered in the State of Pennsylvania.

## STRUCTURAL WOOD PANEL/SHEATHING NOTES

- All plywood and Oriented Strand Board (OSB) construction shall be in accordance with the American Plywood Association (APA) Specifications and DOC PS1 or PS2.
- All roof sheathing shall be 5/8" nominal, APA-rated Exterior sheathing. Fasten sheathing with 8d common nails spaced 6" o.c. at supported edges and 6" o.c. at intermediate supports.
- All structural wood panel wall sheathing shall be 1/2" nominal, APA-rated PS2 sheathing unless otherwise noted. Fasten wall sheathing with 8d common (0.131" x 2 1/2") nails spaced 6" o.c. at supported edges and 12" o.c. at intermediate supports, unless otherwise noted in the Shear Wall Schedule.
- Provide 2x blocking with specified edge nailing at unsupported panel edges as follows:
  - Roofs - Not required unless indicated on the plans, notes, or details.
  - Walls - Required at all wood panel joints, unless noted otherwise.
- Unless otherwise noted or shown, install roof sheathing with the long dimension of the panel across supports and with the panel continuous over two or more spans. Stagger panel end joints. Allow 1/8" spacing at panel ends and edges unless otherwise recommended by the sheathing manufacturer.
- Wood structural panels used in shear walls shall be 4' x 8' minimum. These panels may only be cut at wall or wall opening boundaries. All panel edges shall fall on framing members. Block all horizontal joints and fasten with edge nailing.
- In all wood-framed roof, ceiling, and wall areas where wood sheathing and/or gypsum wall board sheathing is applied, attach the sheathing to all wood framing members regardless of the closeness of their spacing. Where gypsum wall board sheathing is applied over resilient channels, attach the resilient channels to all framing members.
- Installation of gypsum panel products must follow the requirements of the Gypsum Association. The "floating interior angles" method as described in GA-216 shall be used to avoid negative effects from potential truss uplift, wood shrinkage, and other causes of framing movement. An extensive discussion of this issue can be found in the ITB "Partition Separation Prevention and Solutions" from the Structural Building Components Association. The contractor shall familiarize himself with the content of these documents before beginning the installation of gypsum panel products.
- The requirements shown on the structural drawings for sheathing are the minimum requirements for the structural needs of the structure. They do not account for all possible quality, aesthetic, and other considerations. The contractor is expected to be familiar with APA's construction guidelines and other common construction practices necessary to avoid quality and aesthetic issues. The use of panel edge gaps to avoid panel buckling is an option. Another is the allowance of the application of wood sheathing to walls with the face grain vertical, which can lead to greater buckling possibilities. The contractor will need to consider stud size, stud spacing, and sheathing thickness in these situations.

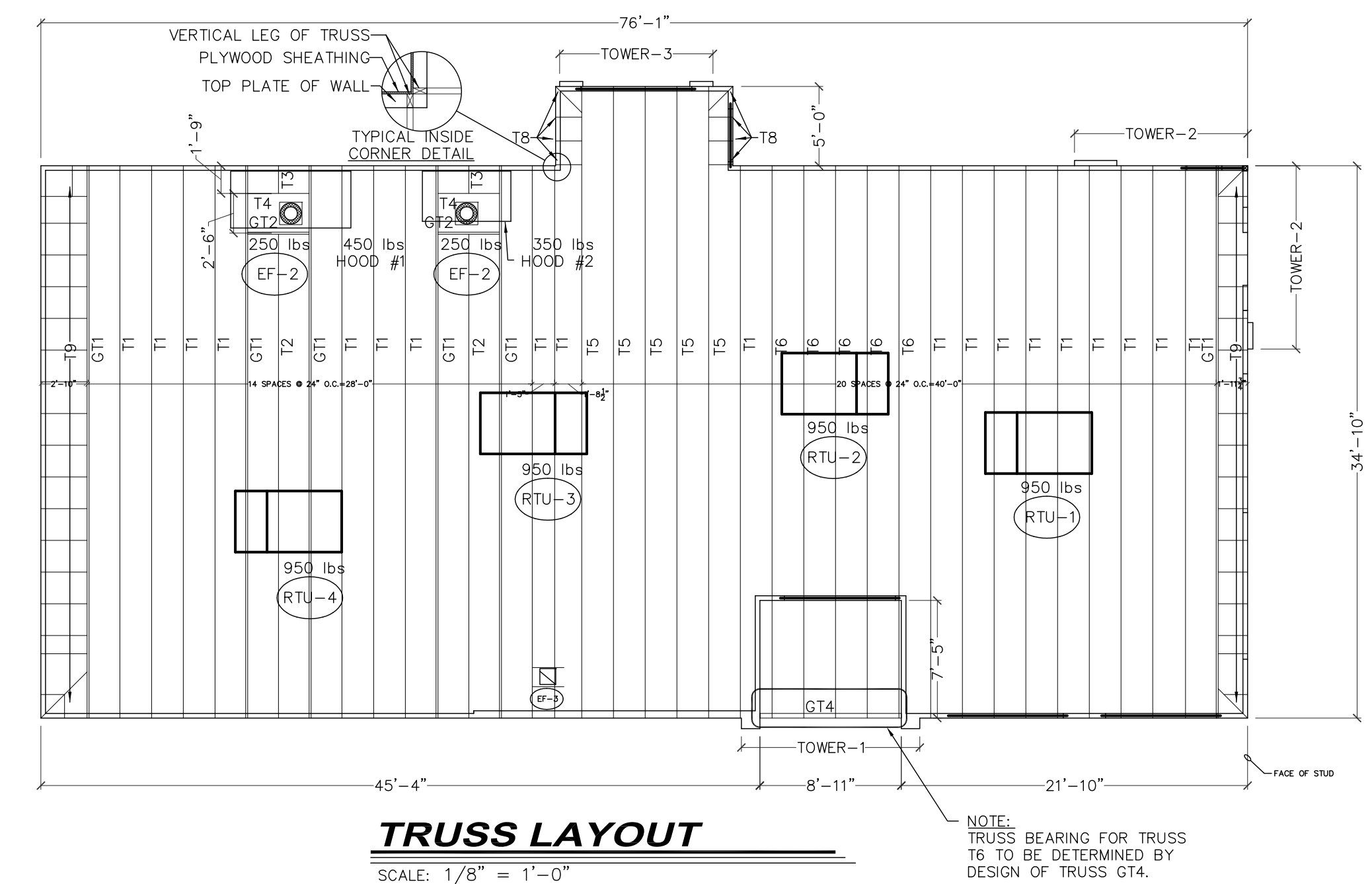


## TRUSS PROFILES

SCALE: 1/8" = 1'-0"

NOTE: EXCEPT AS NOTED, ALL TRUSS BEARING POINTS @ 10'-6" A.F.F.

- TRUSS PROFILE PROVIDE FOR DESIGN INTENT ONLY. FIELD MEASUREMENTS REQUIRED FOR SITE SPECIFIC PROJECT.
- TRUSS DESIGN/MEMBER SIZES TO BE DETERMINED BY THE TRUSS ENGINEER BASED ON LOCAL DESIGN LOAD REQUIREMENTS.
- REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION



## TRUSS LAYOUT

SCALE: 1/8" = 1'-0"

NOTE: TRUSS BEARING FOR TRUSS T6 TO BE DETERMINED BY DESIGN OF TRUSS GT4.

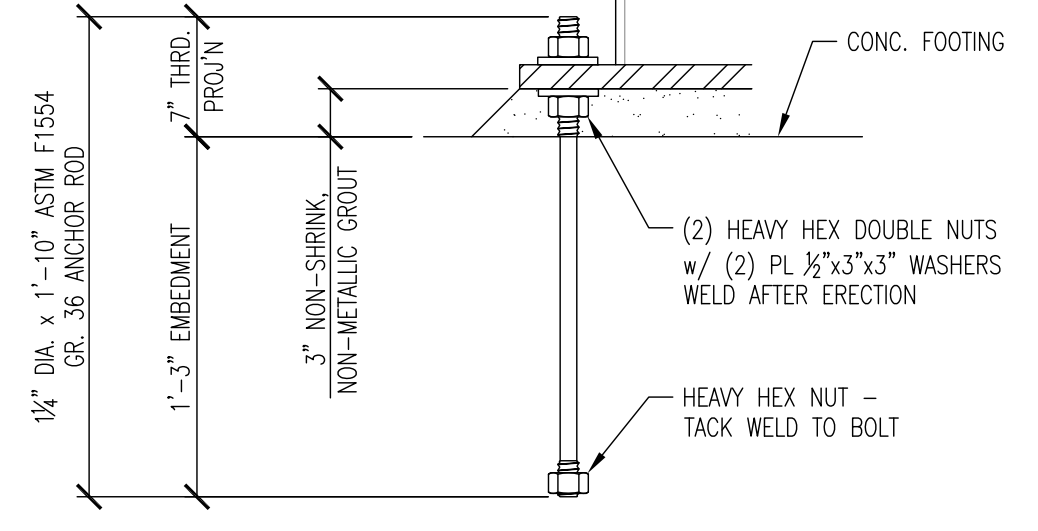
NO.	DATE	ISSUED FOR CONSTRUCTION
1	03.21.2018	

CHECKED BY: SMC  
DATE: 03-21-2018

FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVEREDGE PARKWAY  
SUITE 850  
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PHONE: 770-738-8798

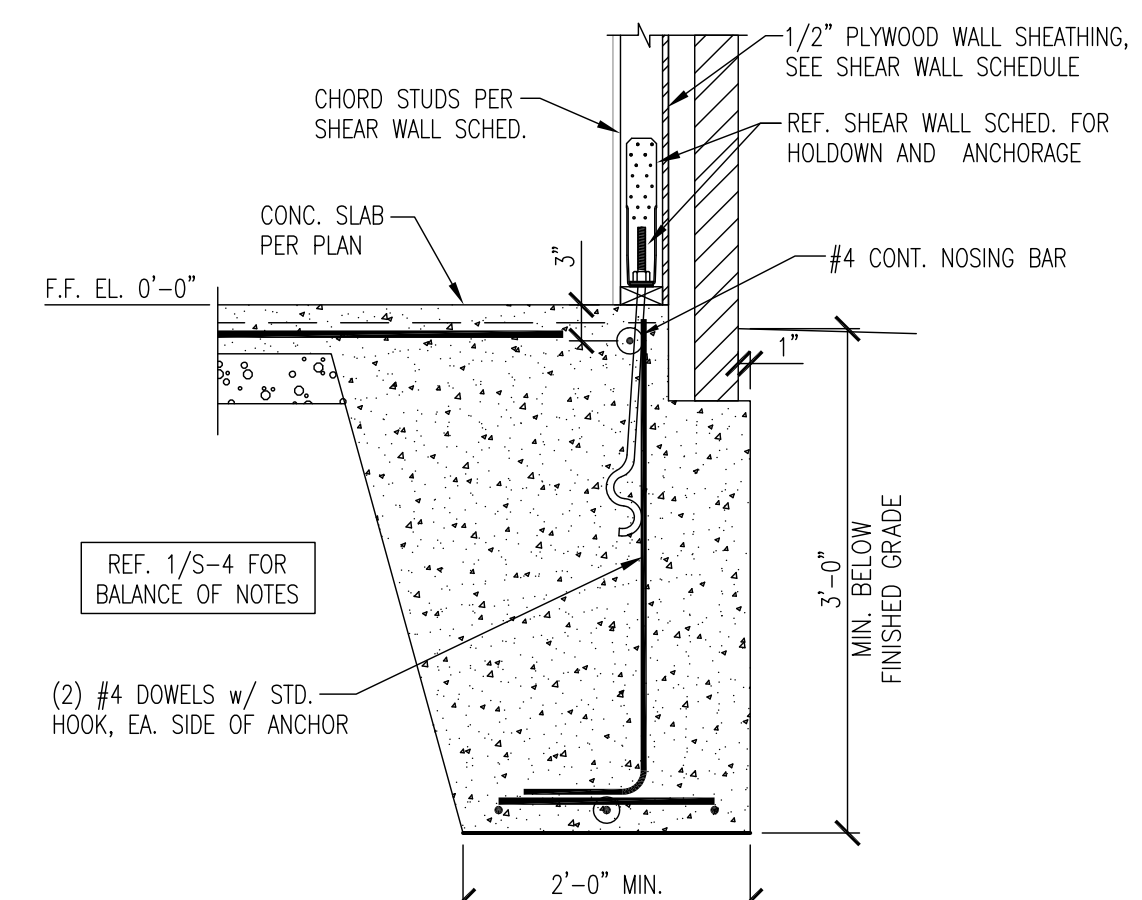
**CURRAN ARCHITECTURE**  
5719 LAWTON LOOP E. DR. #212  
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O :: 317.288.0681  
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PROJECT #: 180004  
RUC-60 REVERSE  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
STRUCTURAL NOTES & SCHEDULES (CONT.)

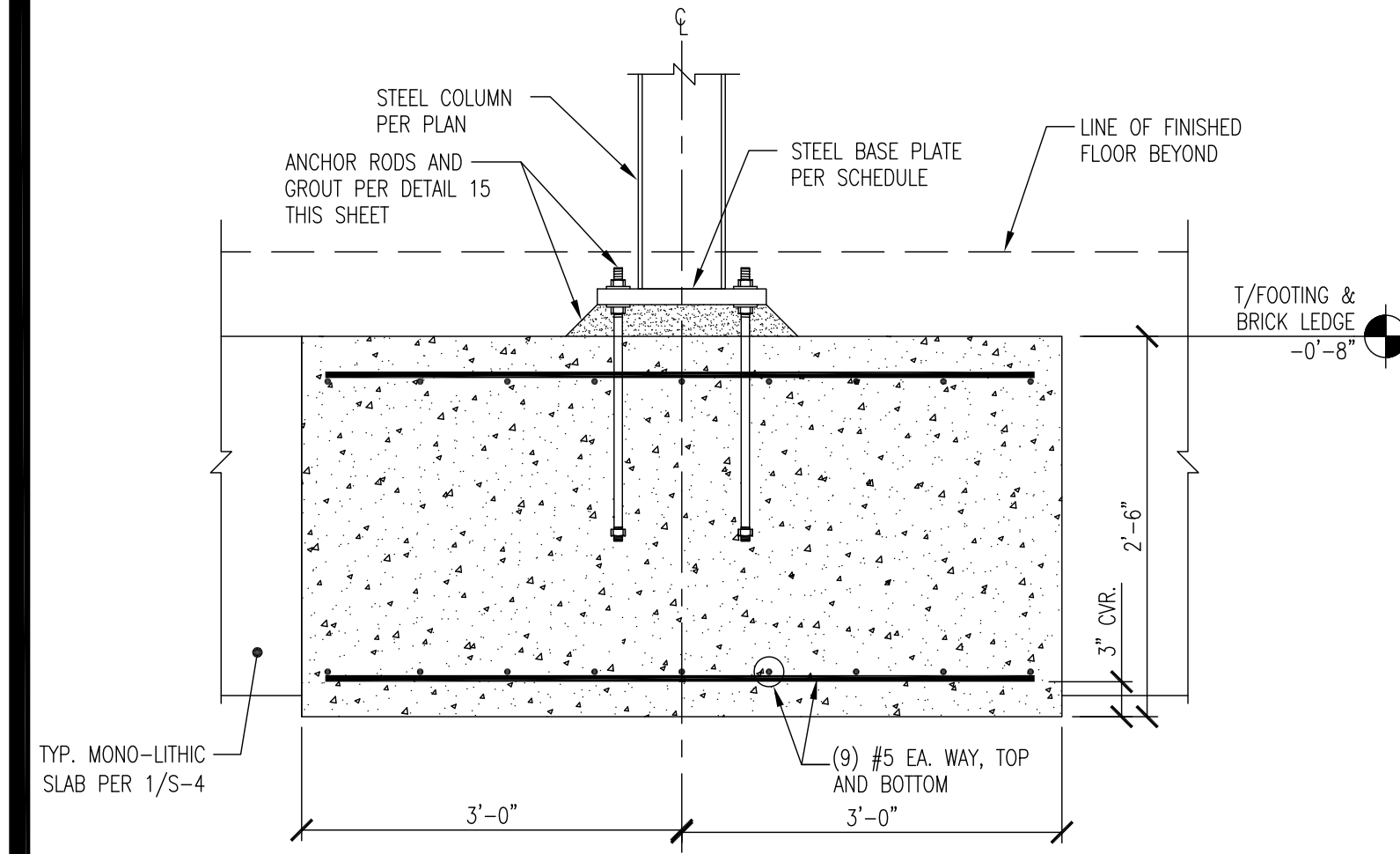


- NOTES:**
1. LOCATION OF ANCHOR BOLTS MUST NOT VARY MORE THAN 1/8" CENTER-TO-CENTER OF ANY TWO BOLTS WITHIN AN ANCHOR BOLT GROUP.
  2. HOLD MAX. DEVIATION OF 1/4" CENTER-TO-CENTER OF ADJACENT ANCHOR BOLT GROUPS.
  3. HOLD ELEVATION OF THE TOP OF THE ANCHOR BOLTS TO ± 1/2" INCH.
  4. HOLD MAXIMUM DEVIATION OF 1/4" FROM THE CENTER OF ANY ANCHOR BOLT GROUP TO THE ESTABLISHED COLUMN LINE THROUGH THAT GROUP.
  5. REFER TO THE AISC CODE OF STANDARD PRACTICE FOR ADDITIONAL INFORMATION.

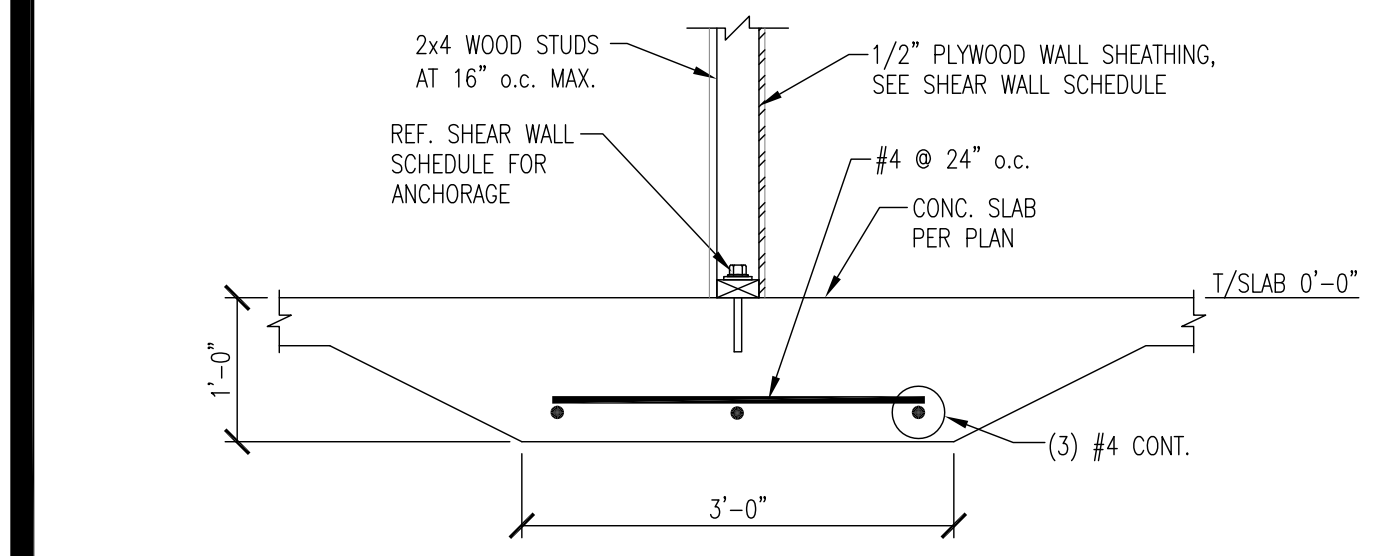
**15 ANCHOR ROD DETAIL**  
NOT TO SCALE



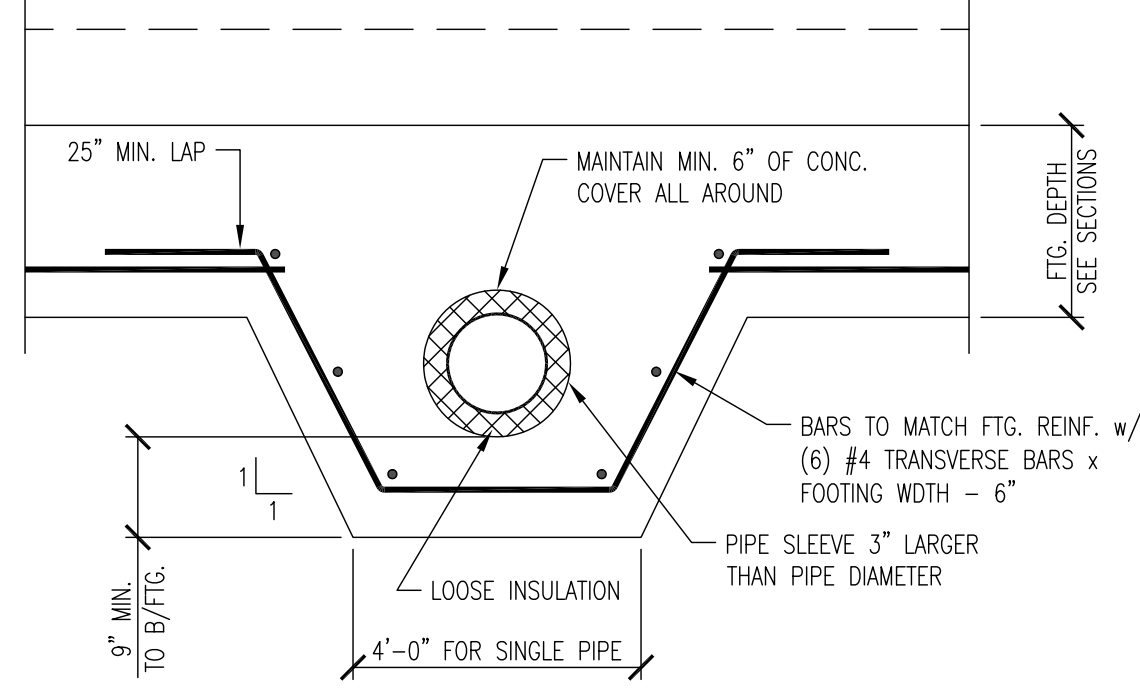
**14 TYP. EXTERIOR HOLDOWN DETAIL**  
3/4" = 1'-0"



**14 FOUNDATION SECTION**  
3/4" = 1'-0"

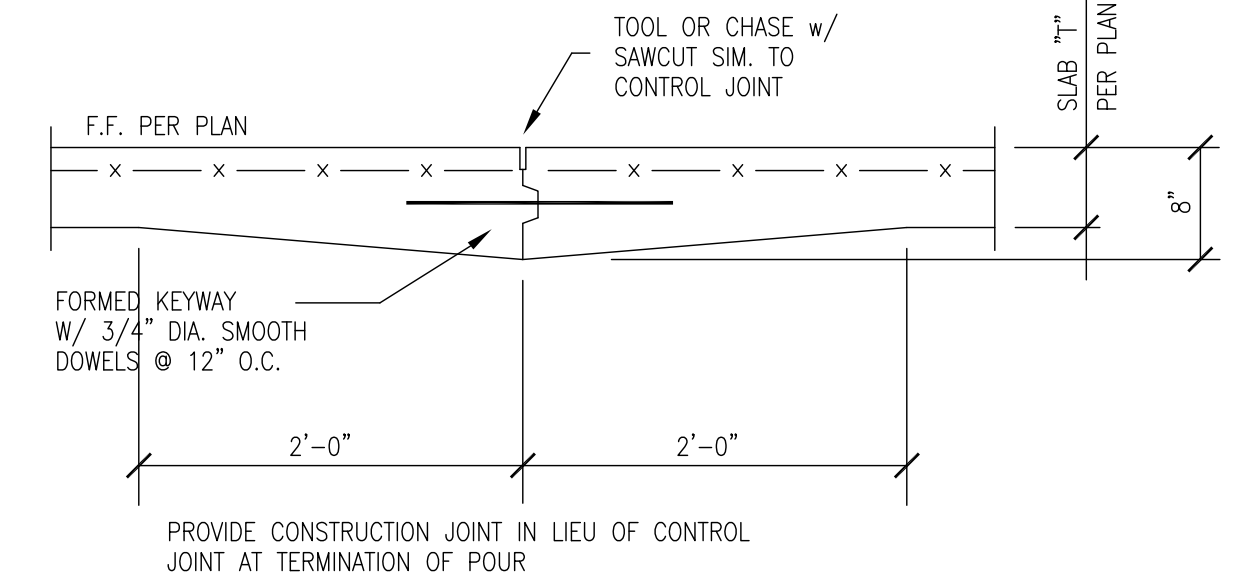


**13 FOUNDATION SECTION**  
3/4" = 1'-0"

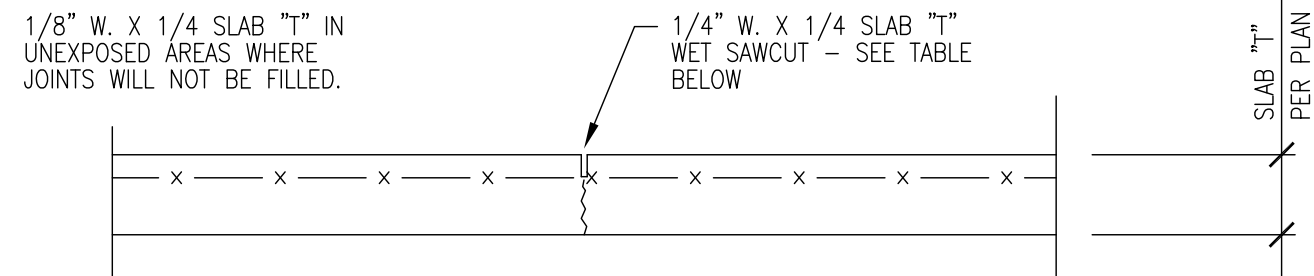


- NOTES:**
1. FOR MULTIPLE ADJACENT PIPES, INCREASE THIS DIMENSION SUCH THAT THERE IS 2'-0" OF FOOTING BEYOND THE OUTSIDE PIPES. SPACE PIPES TO HAVE A MINIMUM OF 8" CLEAR BETWEEN SLEEVES.
  2. PROVIDE THIS DETAIL WHERE A PENETRATION THROUGH A WALL FOOTING IS UNAVOIDABLE.
  3. NO SLEEVES IN COLUMN FOOTINGS ARE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.

**12 WALL FOOTING SLEEVE DETAIL**  
NOT TO SCALE



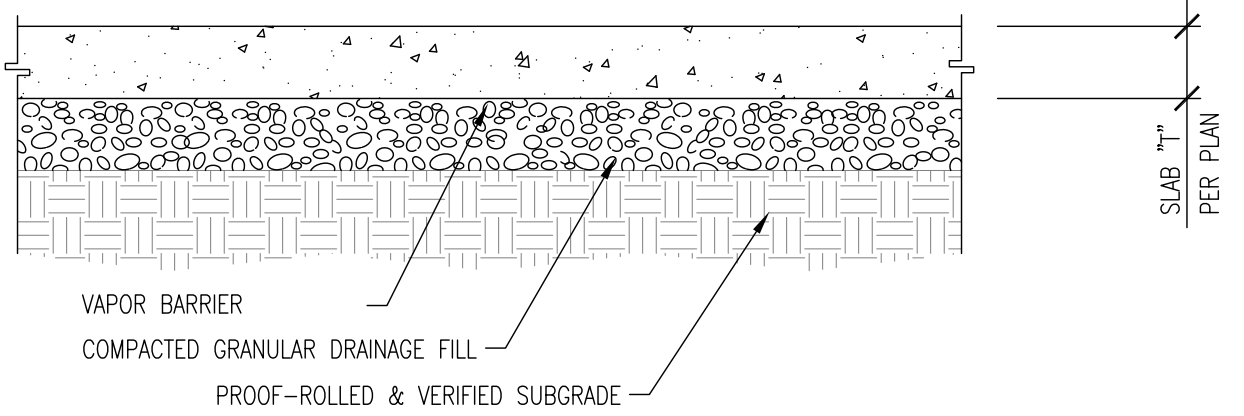
**11 CONSTRUCTION JOINT DETAIL**  
NOT TO SCALE



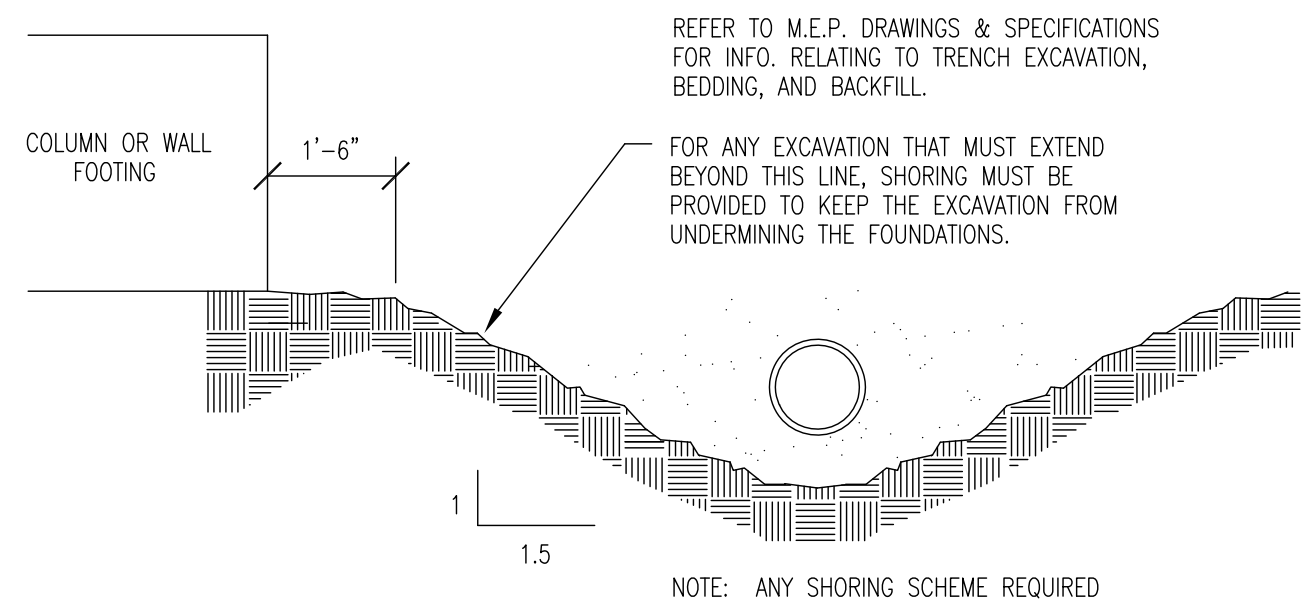
**10 CONTROL JOINT DETAIL**  
NOT TO SCALE

CONTROL JOINTS SHALL BE SAWN NOT LATER THAN THE FOLLOWING TABLE, OR 16 HOURS AFTER FINAL TROWELING (WHICHEVER IS LESS), WHERE "T" EQUALS THE AMBIENT TEMPERATURE IN DEGREES FAHRENHEIT AT THE TIME OF FINAL TROWELING. SAWCUTTING SHALL BE SUSPENDED ONLY IF THE LARGE AGGREGATE IS DISLODGED OR LOOSENEED. ALTERNATE: USE PRE-FORMED JOINT FORMER.

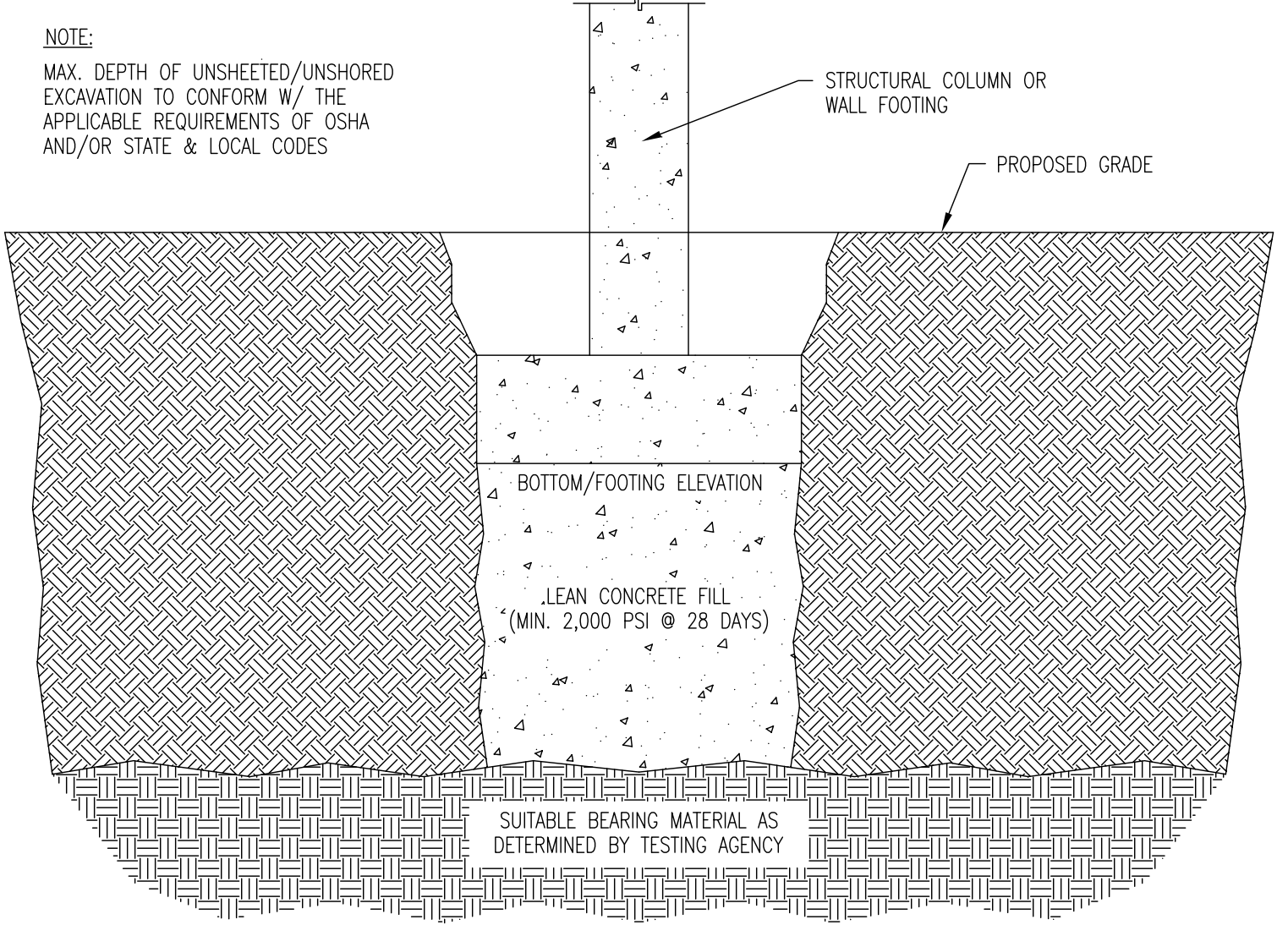
TEMP, F°	TIME, HOURS
< 40°	16
50°	14
60°	8 1/2
70°	5 1/2
80°	4
90°	3



**9 SLAB ON GRADE CONSTRUCTION**  
NOT TO SCALE

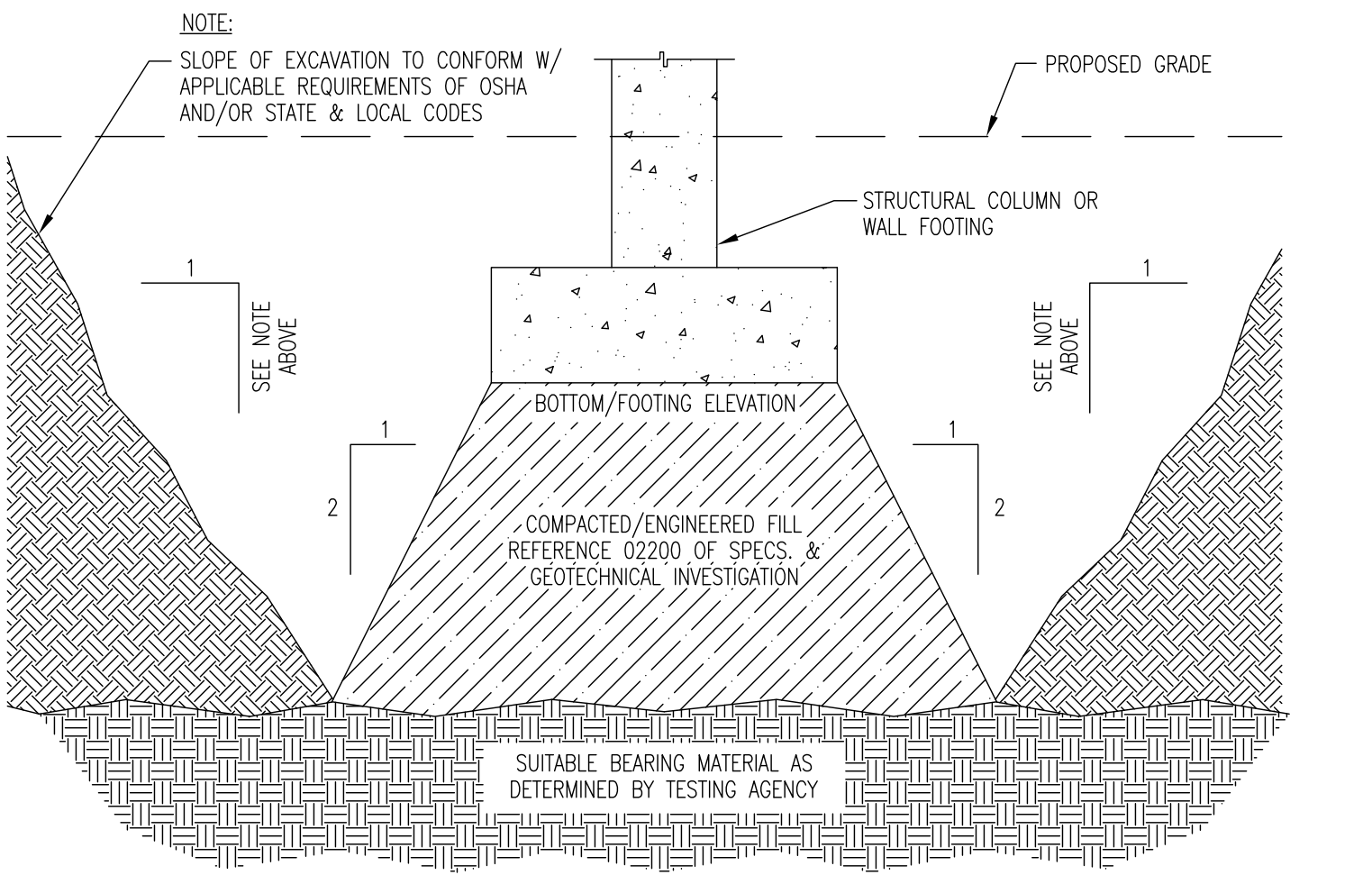


**8 EXCAVATION LIMITS DETAIL**  
NOT TO SCALE



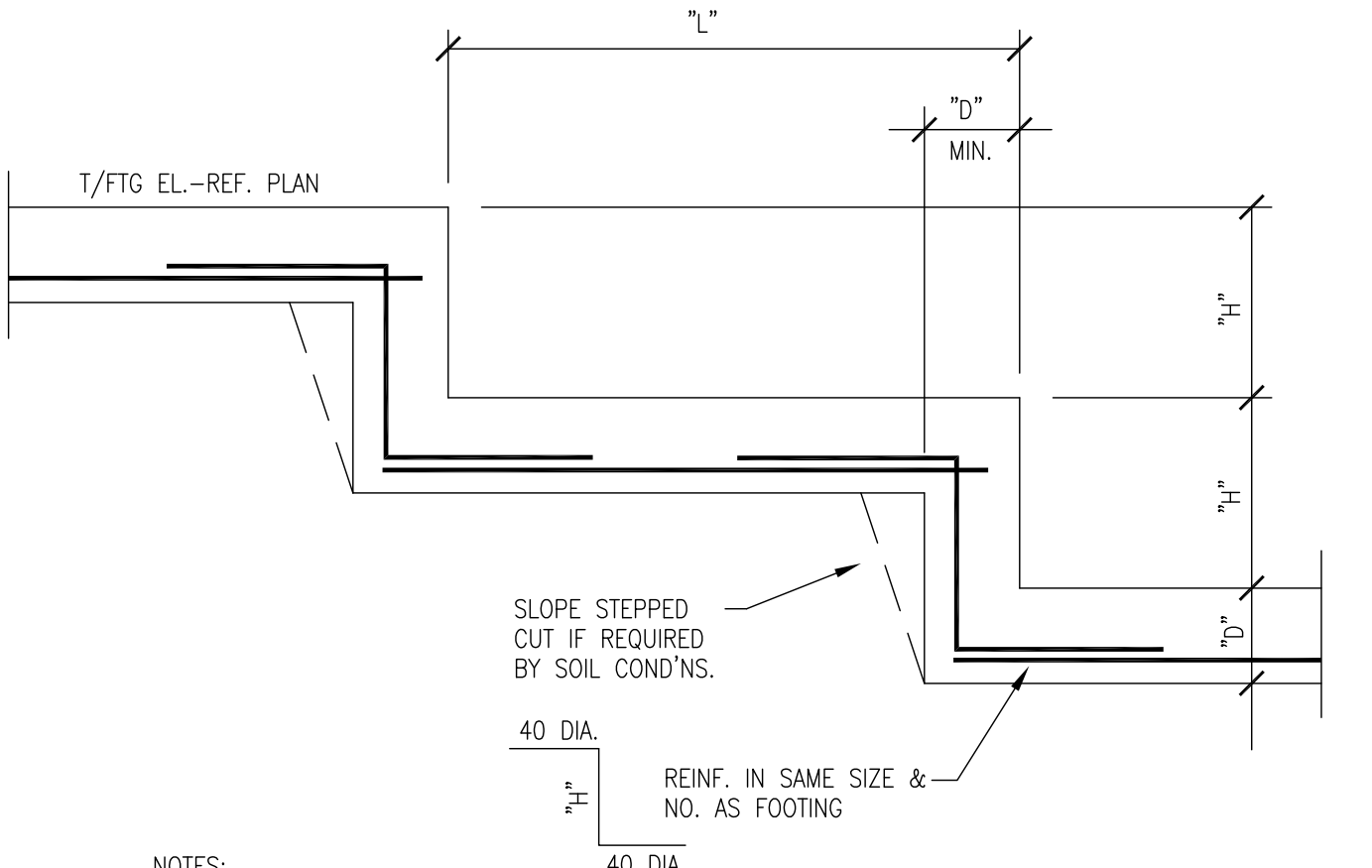
1. REFER TO THE SPECIFICATIONS FOR APPLICATION OF UNIT COSTS FOR REMOVAL OF UNSUITABLE BEARING MATERIAL & REPLACEMENT W/ LEAN CONCRETE FILL.
2. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION RE: EXPECTED SOIL CONDITIONS, SUITABILITY OF EX. SOILS FOR USE AS ENGINEERED FILL, GROUNDWATER CONDITIONS, ETC.

**6B OVER-EXCAVATION TYPICAL DETAIL - LEAN CONC. FILL**  
NOT TO SCALE



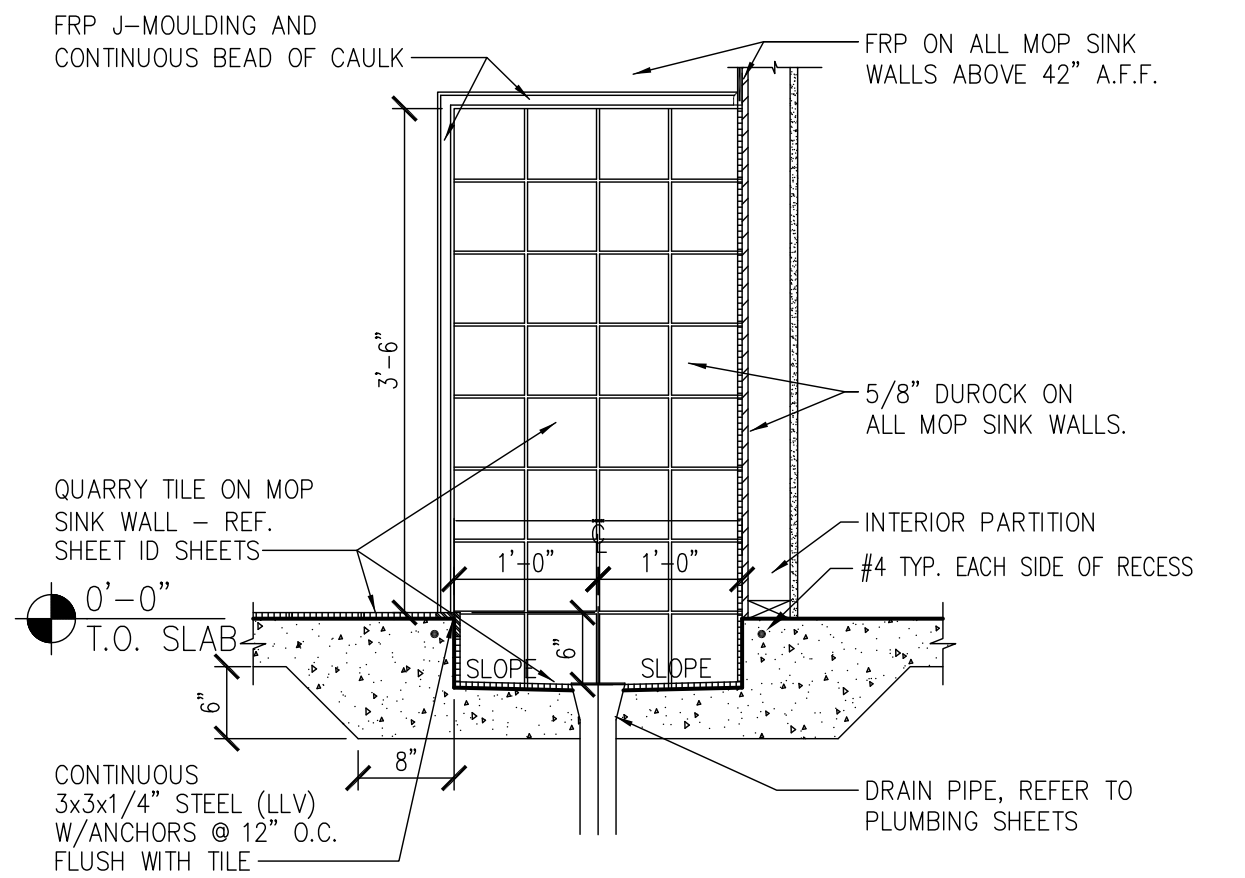
1. REFER TO THE SPECIFICATIONS FOR APPLICATION OF UNIT COSTS FOR REMOVAL OF UNSUITABLE BEARING MATERIAL & REPLACEMENT W/ COMPACTED, ENGINEERED FILL.
2. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION RE: EXPECTED SOIL CONDITIONS, SUITABILITY OF EX. SOILS FOR USE AS ENGINEERED FILL, GROUNDWATER CONDITIONS, ETC.

**6A OVER-EXCAVATION TYPICAL DETAIL - COMPACTED FILL**  
NOT TO SCALE

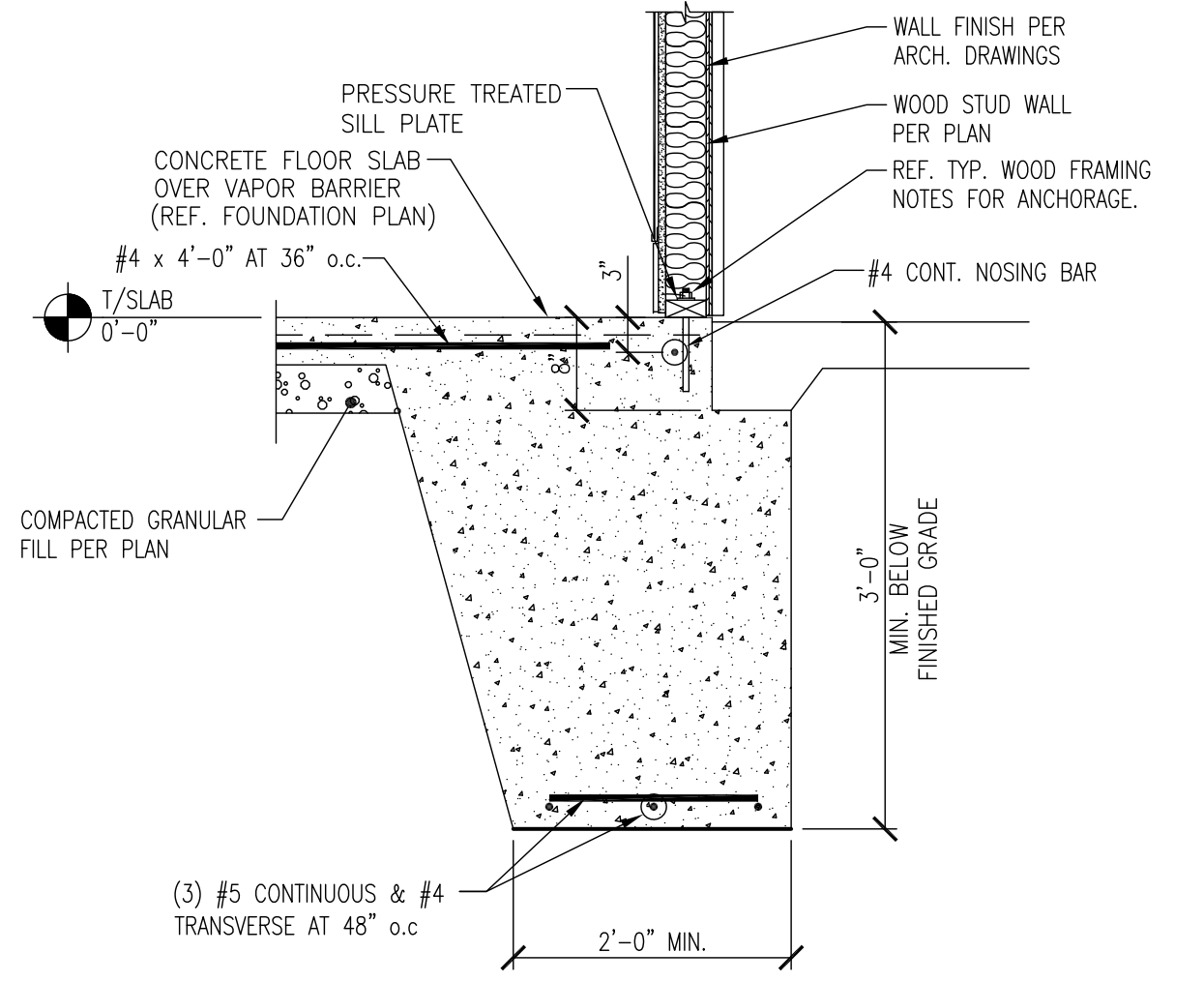


- NOTES:**
1. "H" = 0'-8", U.N.O.
  2. "L" DENOTES LENGTH BETWEEN STEPS. LAYOUT TO MAINTAIN SLOPE OF 1 VERTICAL TO 2 HORIZONTAL UNLESS SHOWN OTHERWISE.
  3. "D" DENOTES FOOTING DEPTH, REFER TO PLANS AND SECTIONS.

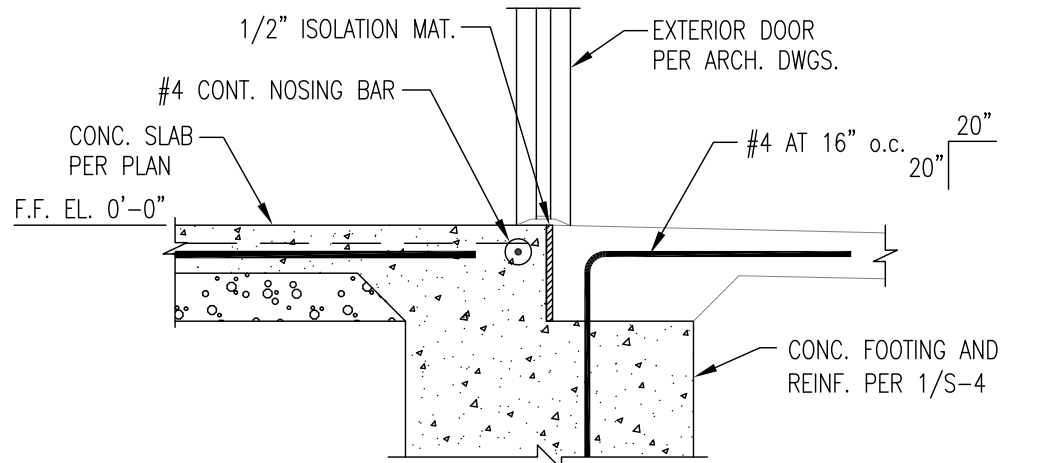
**5 STEPPED FOOTING DETAIL**  
NOT TO SCALE



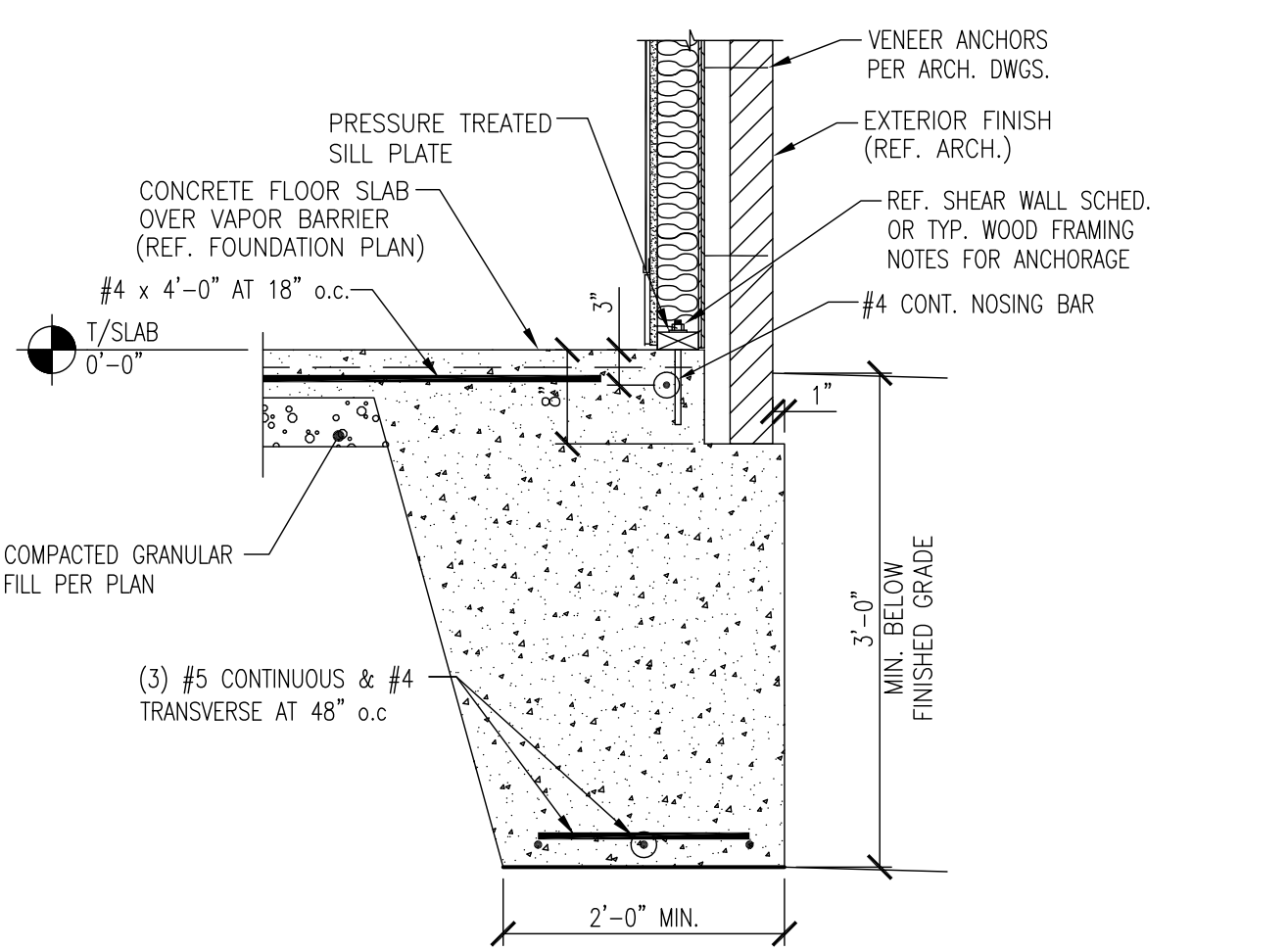
**4 MOP SINK SLAB DETAIL**  
3/4" = 1'-0"



**3 FOUNDATION SECTION**  
3/4" = 1'-0"



**2 FOUNDATION SECTION**  
3/4" = 1'-0"



**1 FOUNDATION SECTION**  
3/4" = 1'-0"

DATE: 03-21-2018  
CHECKED BY: SMC  
REVISION  
ISSUED FOR CONSTRUCTION

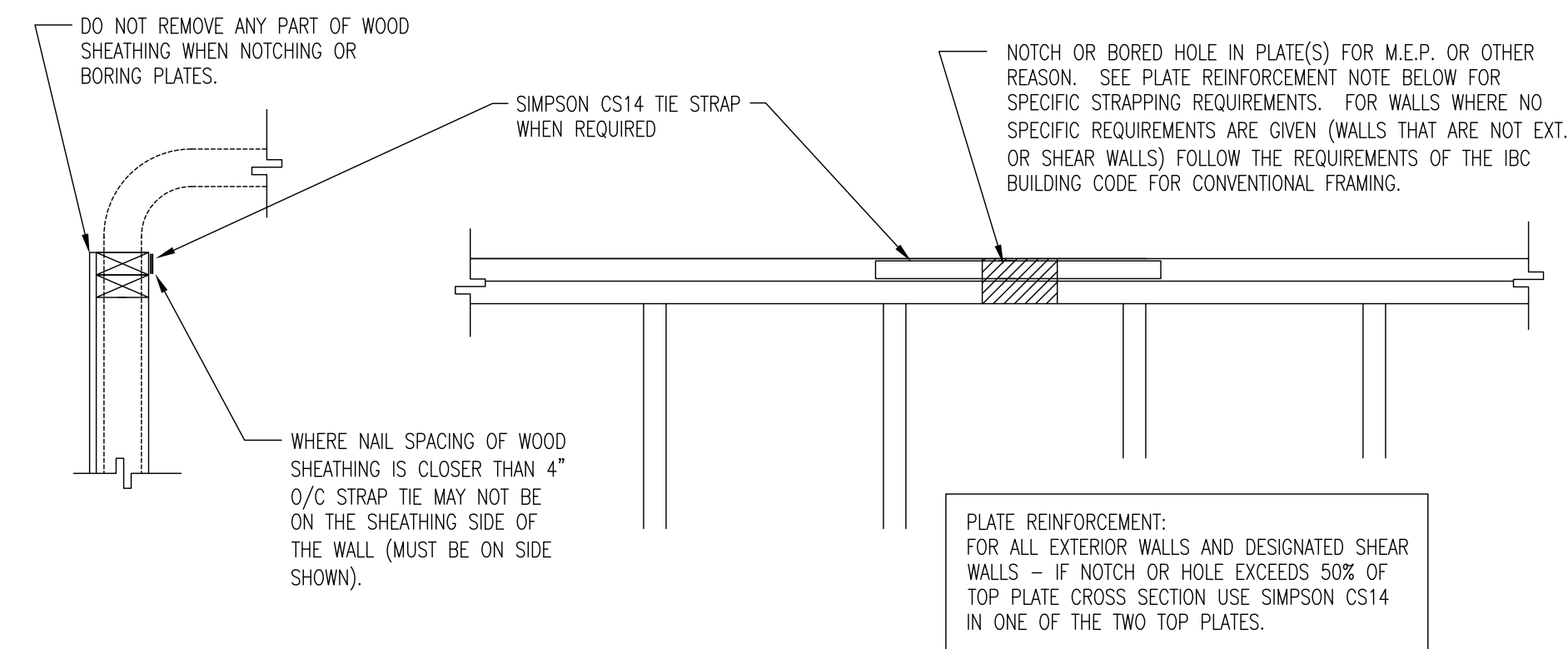


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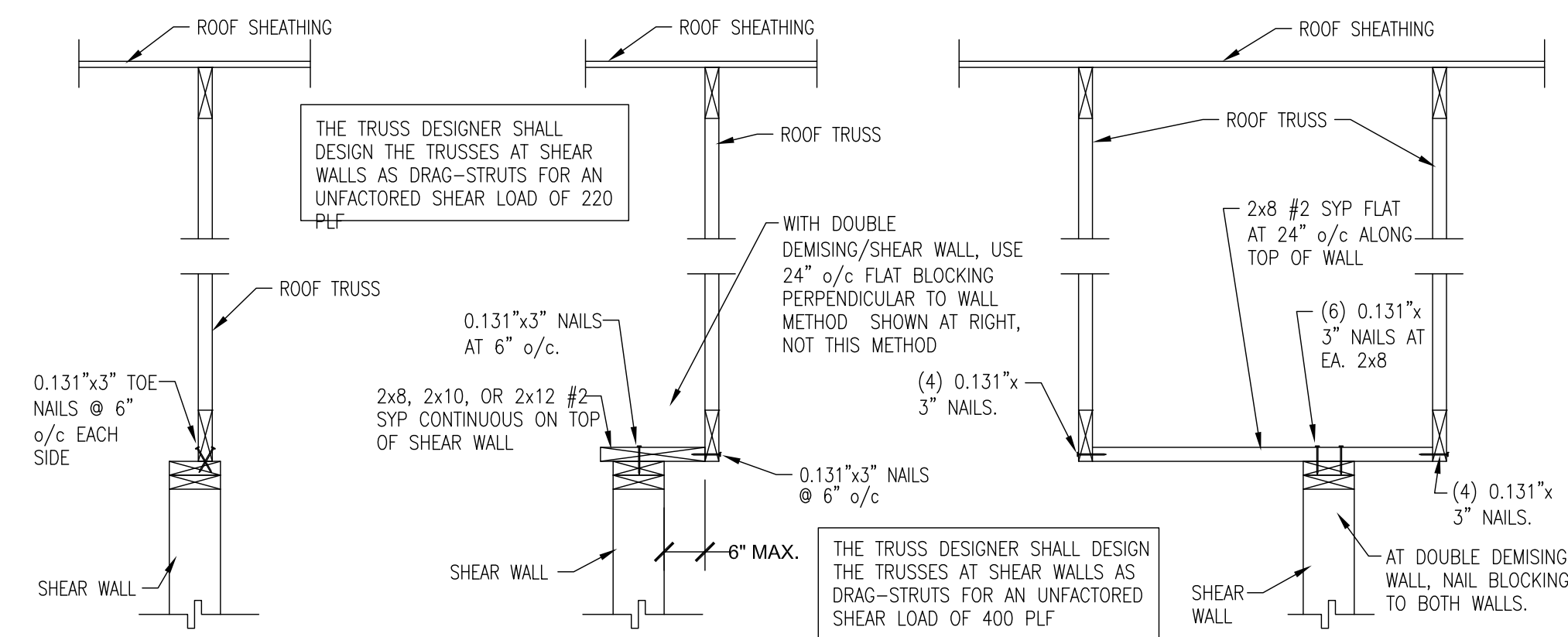
**CURRAN ARCHITECTURE**  
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PROJECT #: 180004  
RCC-60 REFERENCE  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

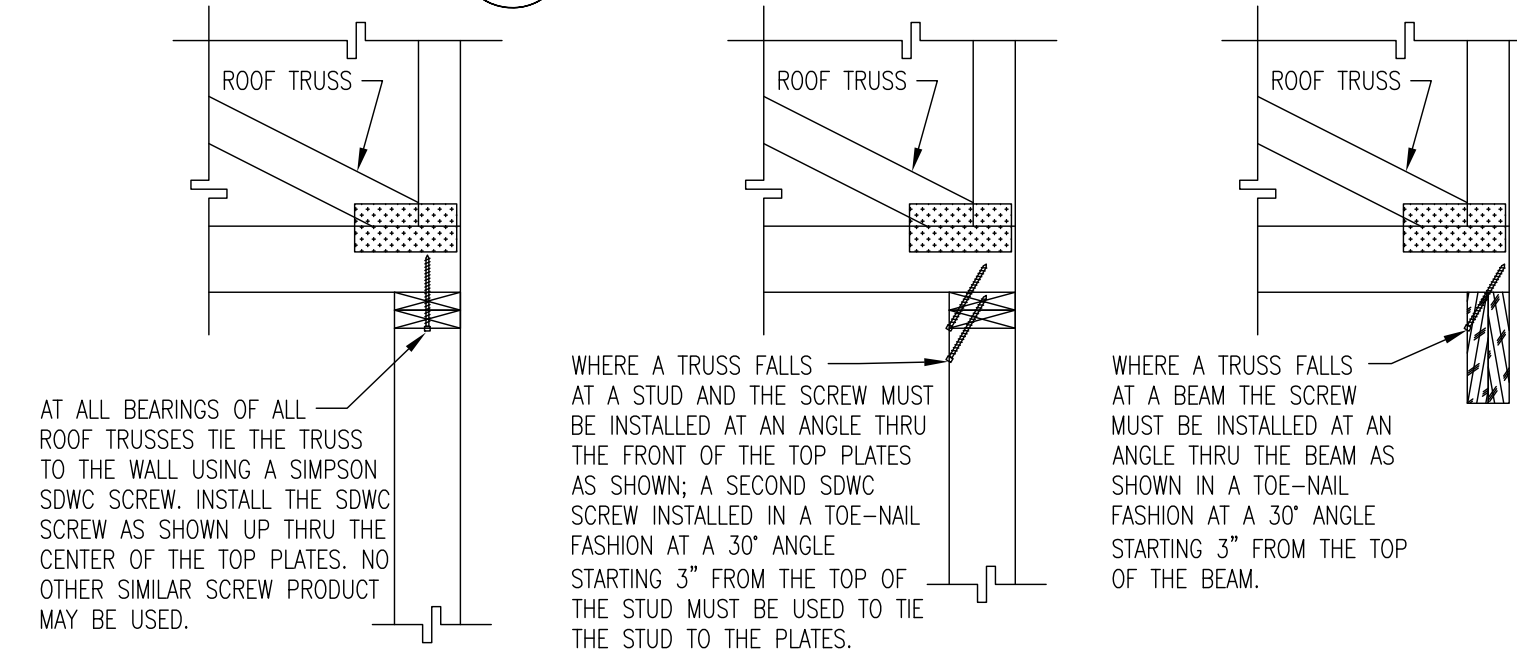


8 SHEAR WALL PLATE NOTCHING/BORING  
NOT TO SCALE



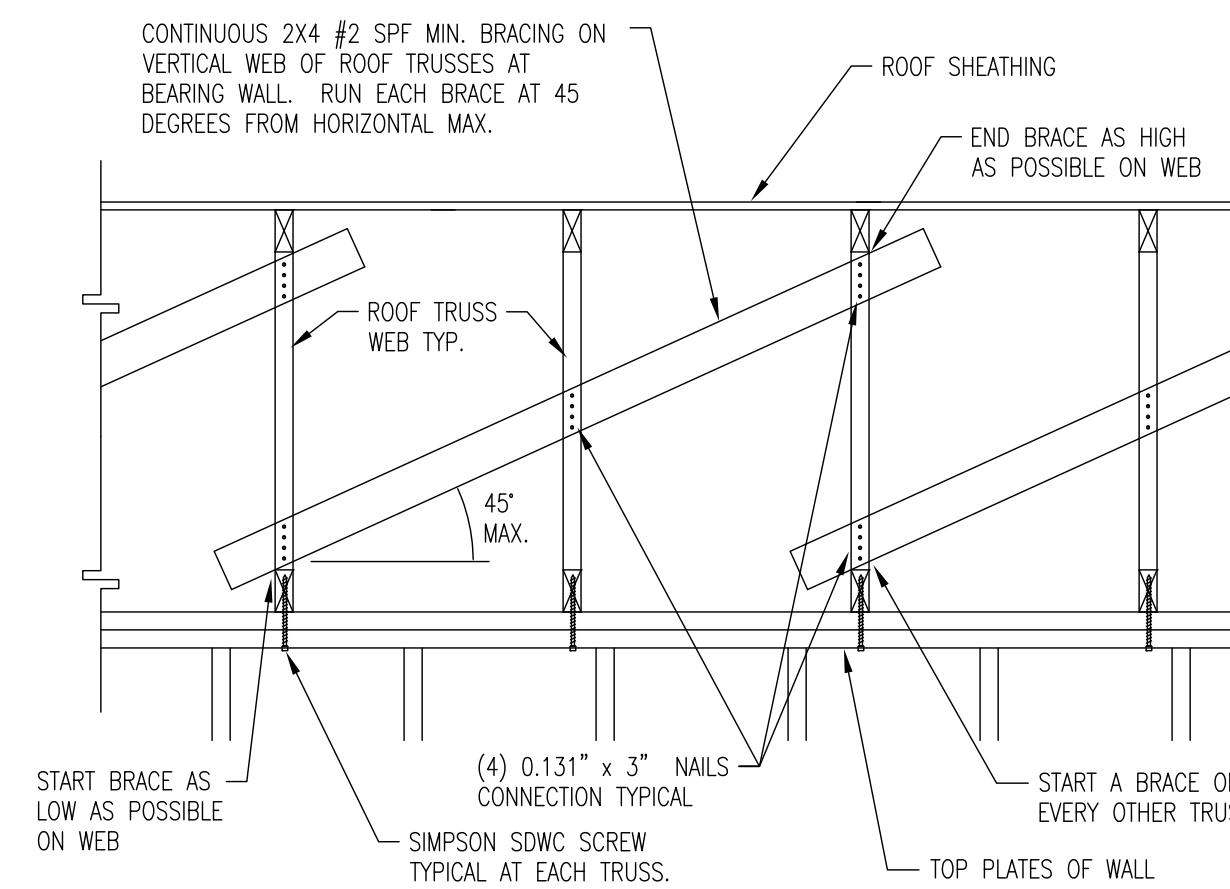
W/ Truss at Shear Wall With Truss up to 6" From Wall With Shear Wall Between Trusses

7 TYP. WALL OPENING DETAIL  
NOT TO SCALE



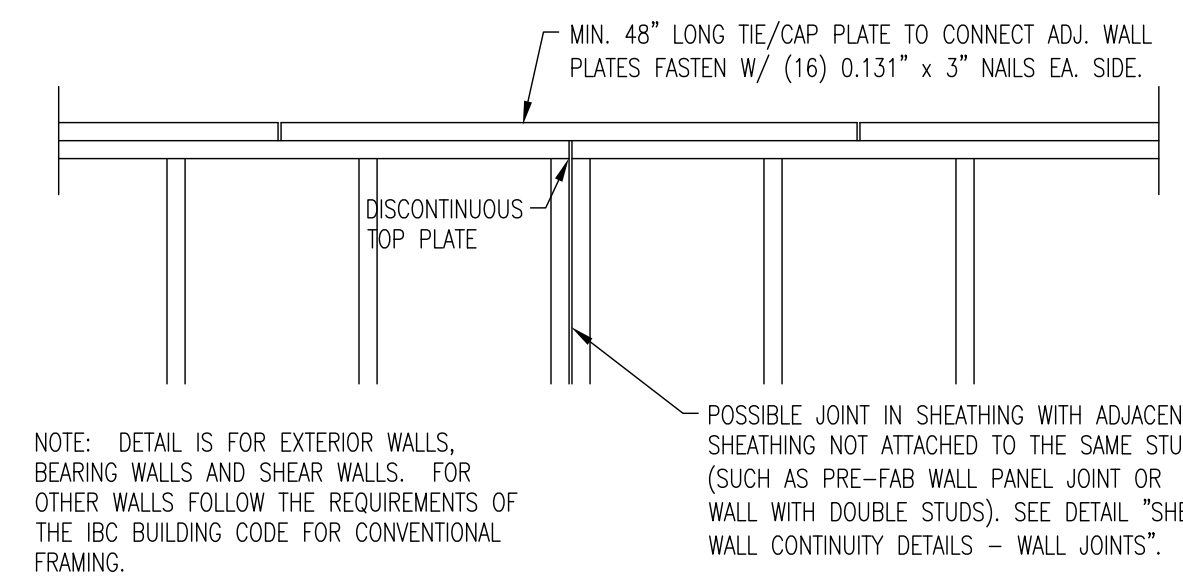
NOTE: USE THE INSTALLATION STRAIGHT UP THRU THE CENTER OF THE TOP PLATES SHOWN HERE AS THE "PRIMARY" INSTALLATION METHOD.

6 TYP. ROOF TRUSS TIE DETAIL  
NOT TO SCALE

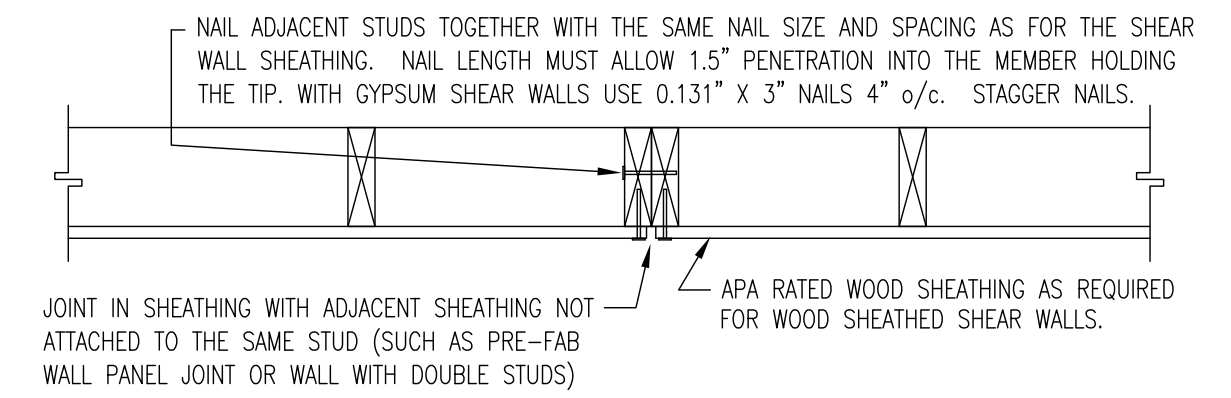


NOTE: USE THIS DETAIL FOR THE FULL LENGTH OF ALL SHEAR WALLS WHERE INDICATED W/ ROOF TRUSSES PERPENDICULAR. THIS DETAIL NEED NOT BE USED FOR ANY PORTION OF THE WALL THAT IS NOT INDICATED TO BE A SHEAR WALL.

5 SHEAR WALL CONN. TO ROOF DECK - TRUSS PERPENDICULAR  
NOT TO SCALE

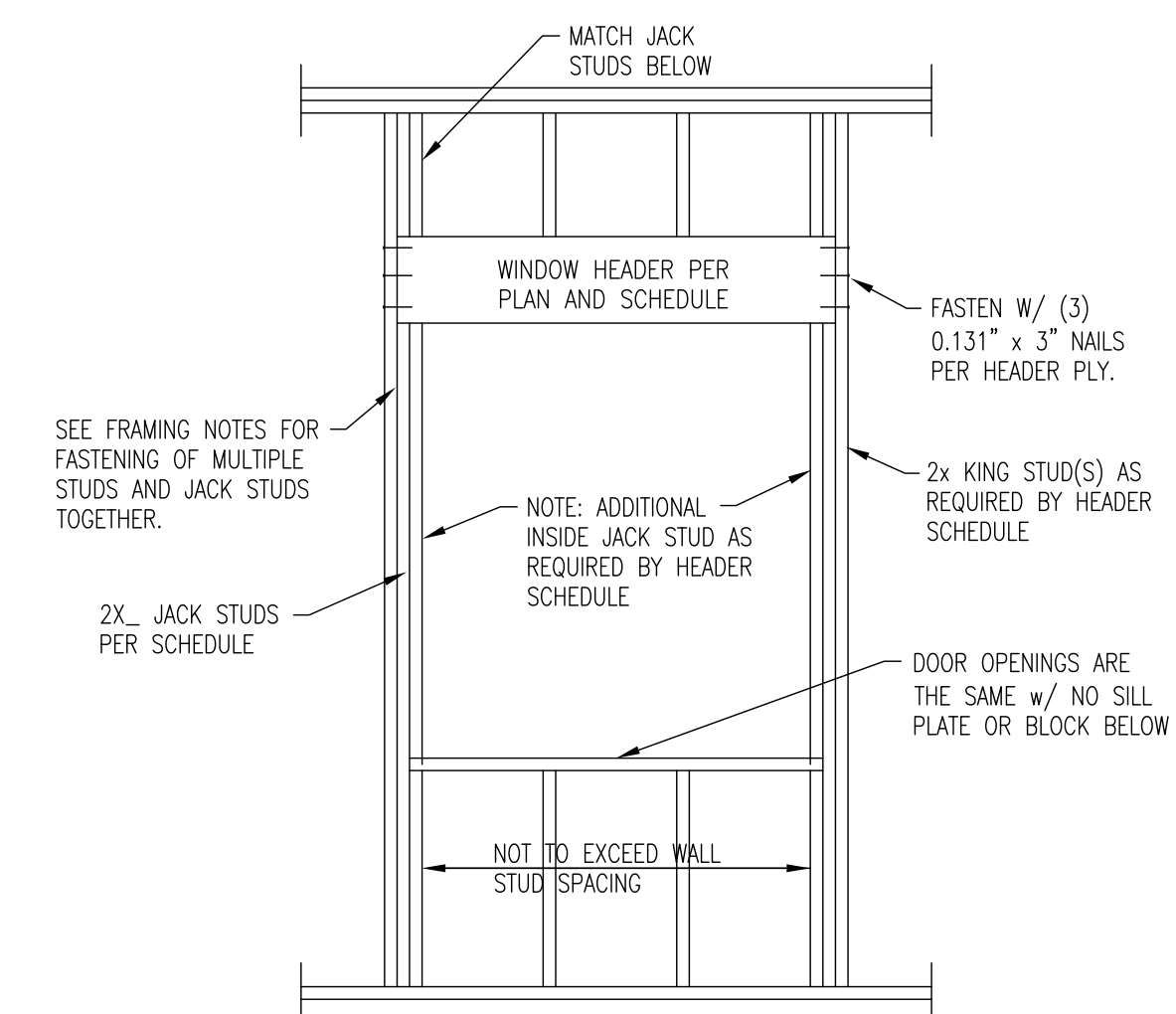


NOTE: DETAIL IS FOR EXTERIOR WALLS, BEARING WALLS AND SHEAR WALLS. FOR OTHER WALLS FOLLOW THE REQUIREMENTS OF THE IBC BUILDING CODE FOR CONVENTIONAL FRAMING.



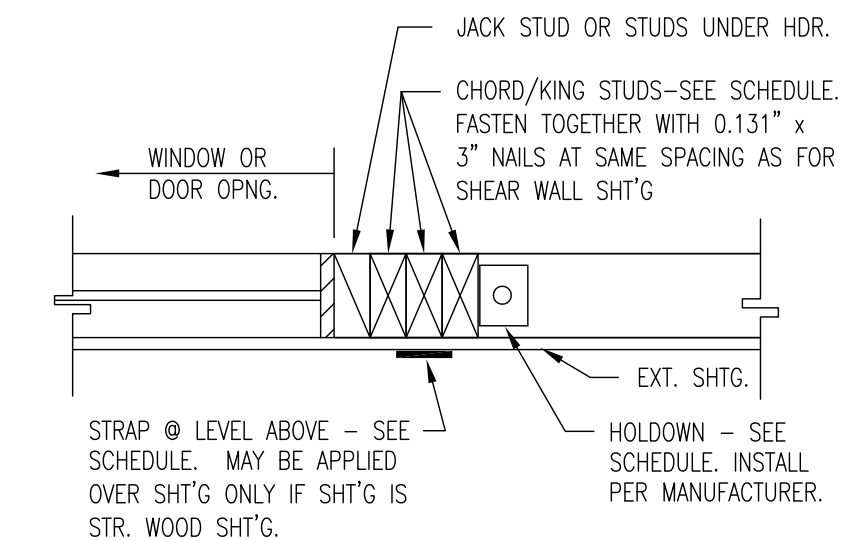
JOINT IN SHEATHING WITH ADJACENT SHEATHING NOT ATTACHED TO THE SAME STUD (SUCH AS PRE-FAB WALL PANEL JOINT OR WALL WITH DOUBLE STUDS)

4 SHEAR WALL CONTINUITY DETAILS  
NOT TO SCALE



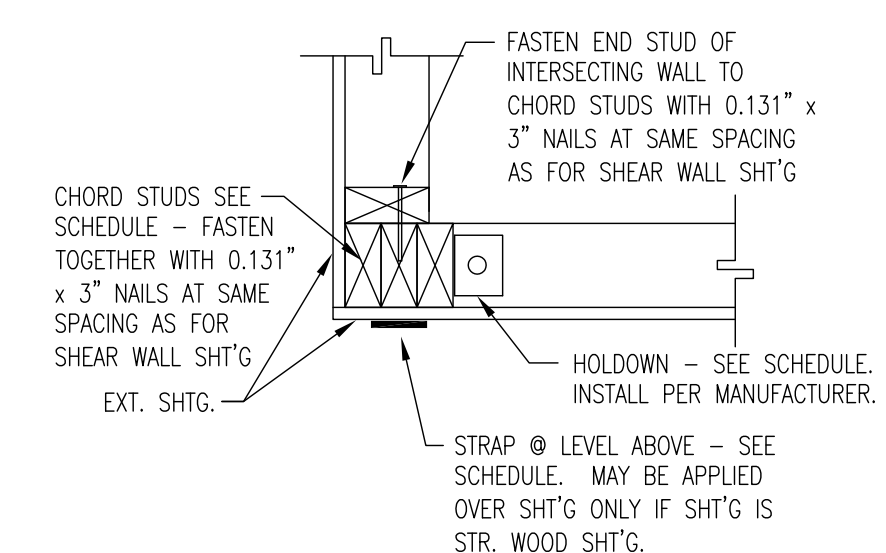
HEADERS ARE INDICATED ON THE PLAN VIEW OF THE UNITS WITH THE SYMBOL [H-X]. SEE HEADER SCHEDULE ON SHEET SXXX.

3 TYP. WALL OPENING DETAIL  
NOT TO SCALE



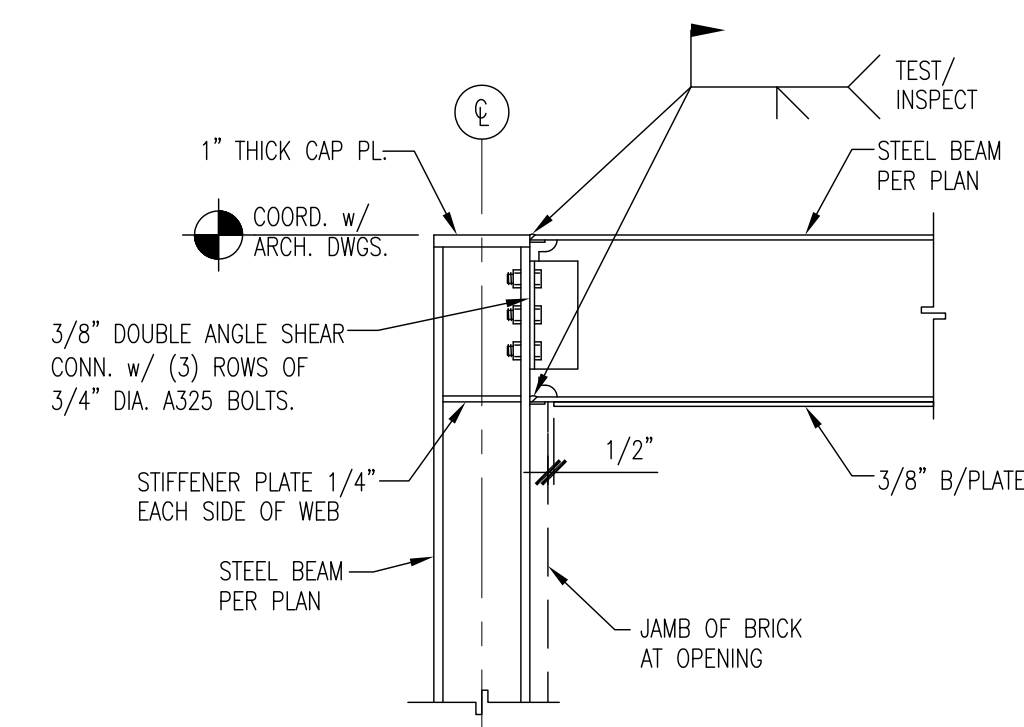
USE OPENING KING STUDS AS SOME OR ALL OF THE SHEAR WALL CHORD STUDS AND ADD CHORD STUDS AS NEEDED.

2 HOLDOWN AT OPENING  
NOT TO SCALE



LAP WALL AS SHOWN TO MAXIMIZE LENGTH OF WALL WITH HOLDOWN

1 HOLDOWN AT CORNER  
NOT TO SCALE



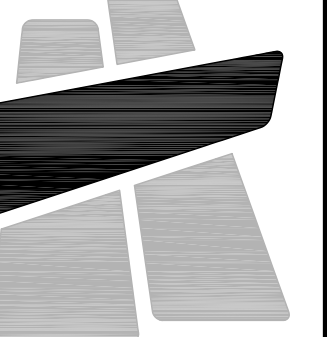
9 BEAM-TO-COLUMN MOMENT CONNECTION DETAIL  
NOT TO SCALE

NO.	DATE	BY	CHECKED BY	DATE
1	03.21.2018	DWM	SJC	03.21.2018
ISSUED FOR CONSTRUCTION				

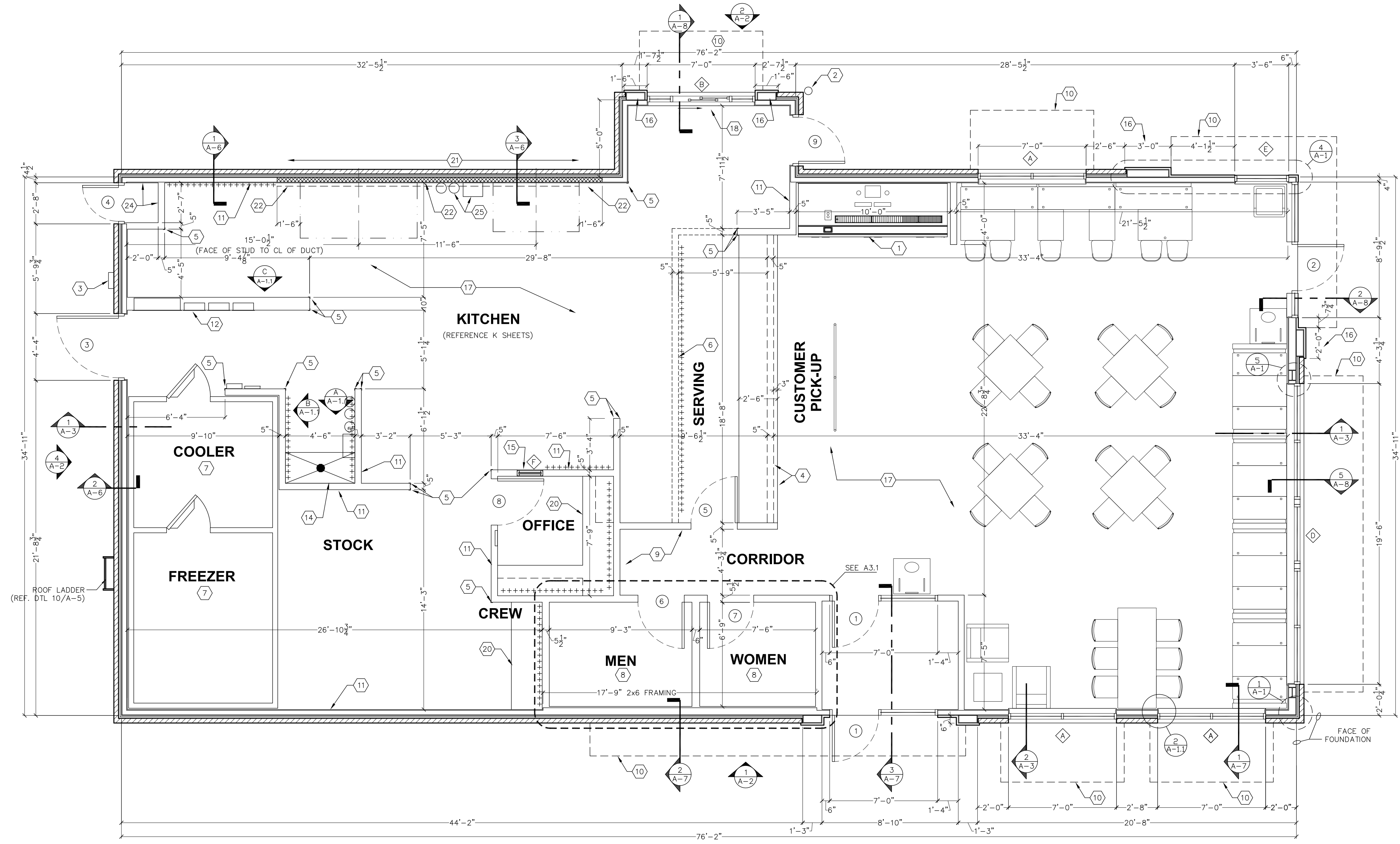


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**CURRAN**  
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PROJECT #: 180004  
RCC-60 REVERSE  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
TYPICAL WOOD FRAMING SECTIONS & DETAILS



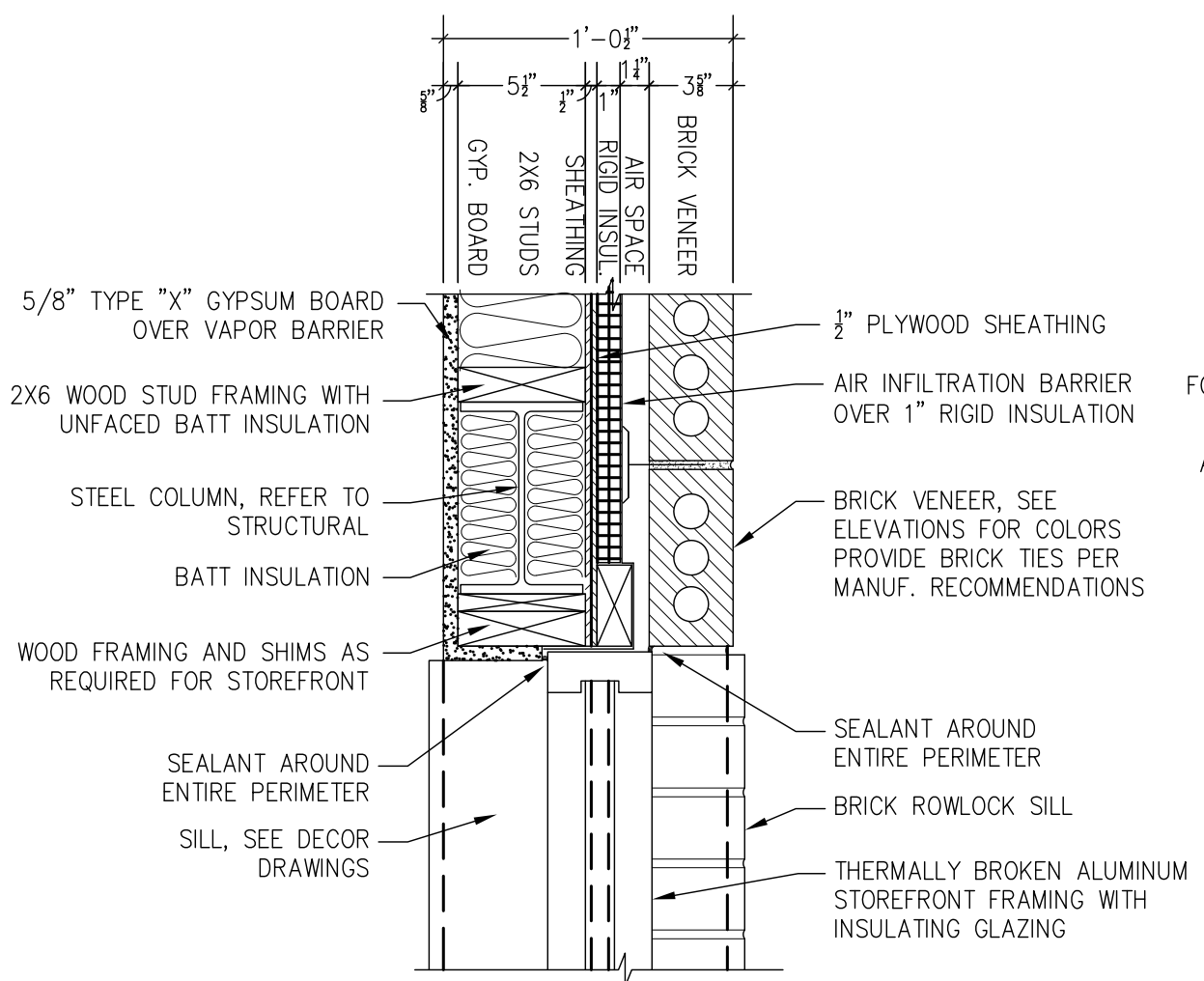
**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

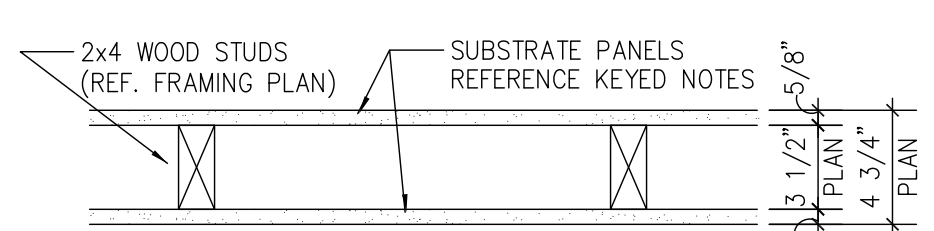
- A. EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH.
- B. OVERALL DIMENSIONS TO EXTERIOR WALLS ARE THE SAME AS TO THE OUTSIDE FACE OF FOUNDATION WALL BELOW.
- C. ALL ANGLED WALLS ARE AT 90° UNLESS NOTED OTHERWISE.
- D. FIRE EXTINGUISHER, SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS.
- E. ELEVATION OF DRIVE-THROUGH LANE 2" (MAXIMUM) BELOW FINISH FLOOR ELEVATION. DRIVE-THROUGH LANE AT SAME ELEVATION AS FINISH FLOOR IS PREFERRED. REFERENCE DETAIL #5, SHEET A-1.1.
- F. DESIGNER NOTE: WHEN UTILIZING A DIFFERENT EXTERIOR WALL CONSTRUCTION, HOLD INTERIOR DIMENSIONS.
- G. FOR DOOR AND WINDOW TYPES, REFER TO SHEET A-10.

**KEYED NOTES:**

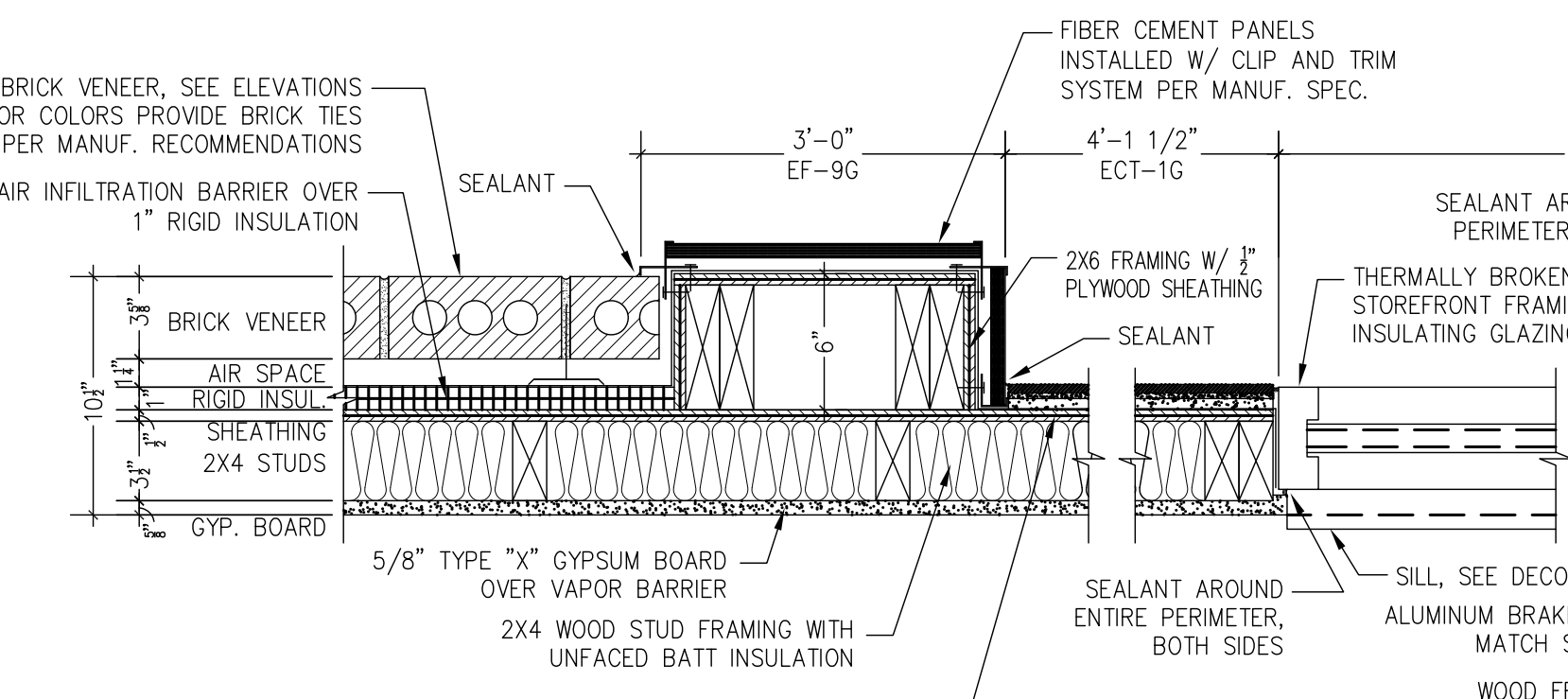
1. SELF-SERVE DRINKS AND CONDIMENT STAND. REFER TO SHEET EQ-1.
2. STEEL BOLLARD - REFER TO SHEET S-1.
3. ELECTRIC SERVICE. REFER TO ELECTRICAL DRAWINGS.
4. SERVICE COUNTER PARTITION BY G.C. REFER TO DETAILS ON SHEET E-4 FOR ADDITIONAL INFORMATION. COORDINATE COUNTER TOP/FINISHES INSTALLATION RESPONSIBILITIES WITH THE DECOR SUPPLIER. MAXIMUM COUNTER HEIGHT = 32" A.F.F.
5. CORNER GUARDS - REFER TO DETAIL #4, SHEET A-1.1.
6. MENU BOARD/BULKHEAD ABOVE. REFER TO DETAIL 1, SHEET A-4.
7. INTERIOR WALK-IN BOX WITH FLOOR ON CONCRETE SLAB. VERIFY SIZE WITH MANUFACTURER.
8. PROVIDE ADDITIONAL BLOCKING IN WALLS BEHIND URINAL SCREEN AND BEHIND PLUMBING FIXTURES FOR SUPPORT OF WATER LINES (TYPICAL).
9. ALL WALLS AT EXPOSED TRUSSES TO BE FRAMED AND FINISHED TO THE ROOF DECK.
10. LINE OF AWNING/CANOPY ABOVE.
11. SUBSTRATE PANELS:  
KITCHEN - CREW - RESTROOMS  
5/8" USG "DUROCK" PANELS AT FINISH FLOOR TO 24" A.F.F.  
5/8" WATER RESISTANT GYPSUM BOARD FROM 24" A.F.F. TO 6" ABOVE FINISHED CEILING.  
PROVIDE ALTERNATE BID OF 5/8" USG "FIBEROCK" PANELS IN LIEU OF DUROCK.  
DINING ROOM - CORRIDOR  
5/8" TYPE USG "SHEETROCK" TYPE "X" GYPSUM WALL BOARD.  
FINISH: CORONADO PAINT - LIGHT ORANGE PEEL APPLIED WITH CORONADO AIR ASSIST TIP (Z-122KD) OR EQUAL.
12. ELECTRICAL PANELS  
OPTION #1:  
PROVIDE 10"x10" FINISHED OPENING THROUGH WALL CENTERED AT 13" A.F.F. FOR ROUTING OF UTILITIES.  
13. CAN WASH - DUROCK SUBSTRATE ON ALL THREE SIDES, FLOOR TO CEILING.  
14. OFFICE WINDOW - REFERENCE SHEET A-10.  
15. 2x6 TOWER FRAMING, REFER TO WALL SECTIONS.  
16. TILE FLOOR, SEE FINISH SCHEDULE ON DECOR DRAWINGS.  
17. DRIVE-THROUGH SLIDING WINDOW.  
18. ++++++ INDICATES 5/8" PLYWOOD BACKING ON WALLS FOR EQUIPMENT AS INDICATED ON PLAN OR SHELF SUPPORT FROM 48" A.F.F. TO 96" A.F.F., BEHIND 3-COMPARTMENT SINK AND PREP SINK AND ON BULKHEAD AT MENU BOARD WALL FROM 6'-8" A.F.F. TO BOTTOM OF ROOF TRUSSES.  
19. PLASTIC LAMINATE COUNTER TOP AND SHELVES BY GC. - REFERENCE DETAILS #3 & #6 ON A-1.1. SEE SHEET E-4 FOR POWER AND DATA OUTLET LAYOUT.  
20. USG 5/8" DUROCK (BOTH SIDES) ON 3-5/8" 18 GAUGE CEE STUD FRAMING AT 16" O.C. BEHIND HOOD. WALL TO EXTEND 18" BEYOND EACH END OF HOOD.  
21. STAINLESS STEEL PANELS BELOW AND 18" WIDE AT EACH SIDE OF HOOD, AND ENTIRE AREA BETWEEN HOODS. SUPPLIED BY HOOD MANUFACTURER AND INSTALLED BY G.C.  
22. 4" CONCRETE WALK BETWEEN DRIVE-THROUGH BUMP-OUTS  
23. PROVIDE FRP FINISH ON WALLS INSIDE STORAGE ROOM TO MATCH KITCHEN. SEE FINISH SCHEDULE ON DECOR DRAWINGS.  
24. ANSUL SYSTEM TO BE LOCATED ON WALL BETWEEN HOODS, MOUNTED ABOVE FREEZER. PROVIDE VISUAL STROBE, TIED INTO ANSUL SYSTEM.



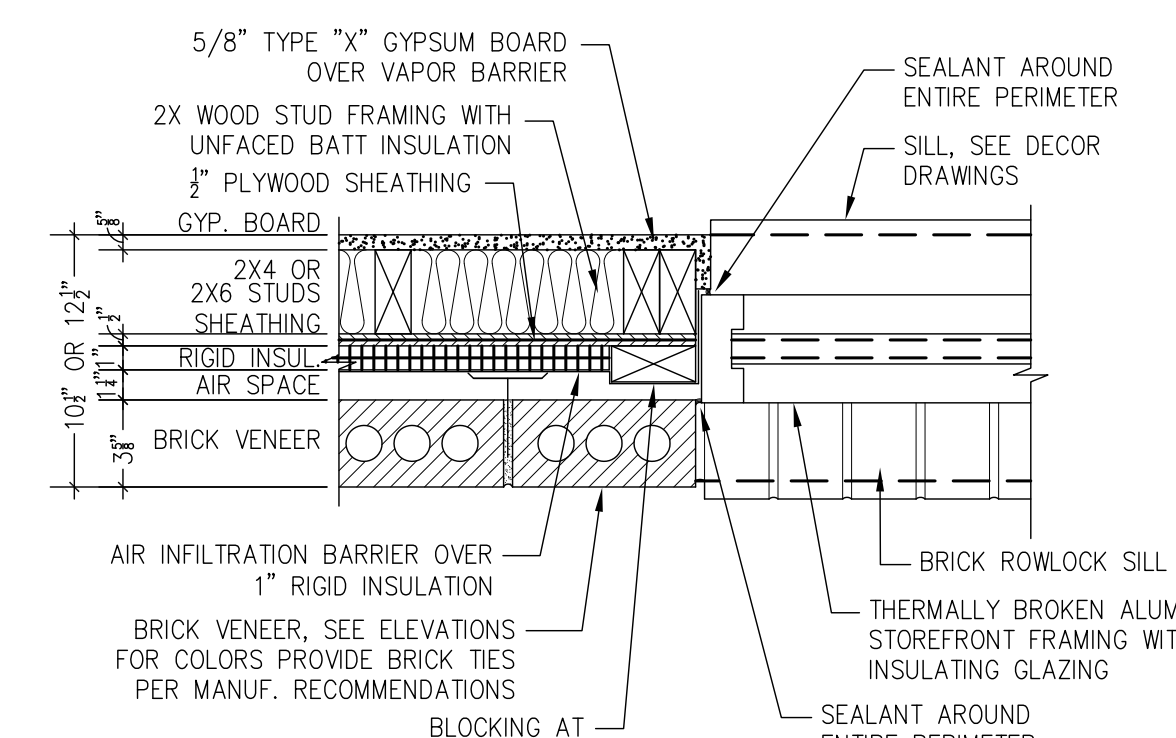
**5 PLAN DETAIL**  
SCALE: 1 1/2" = 1'-0"



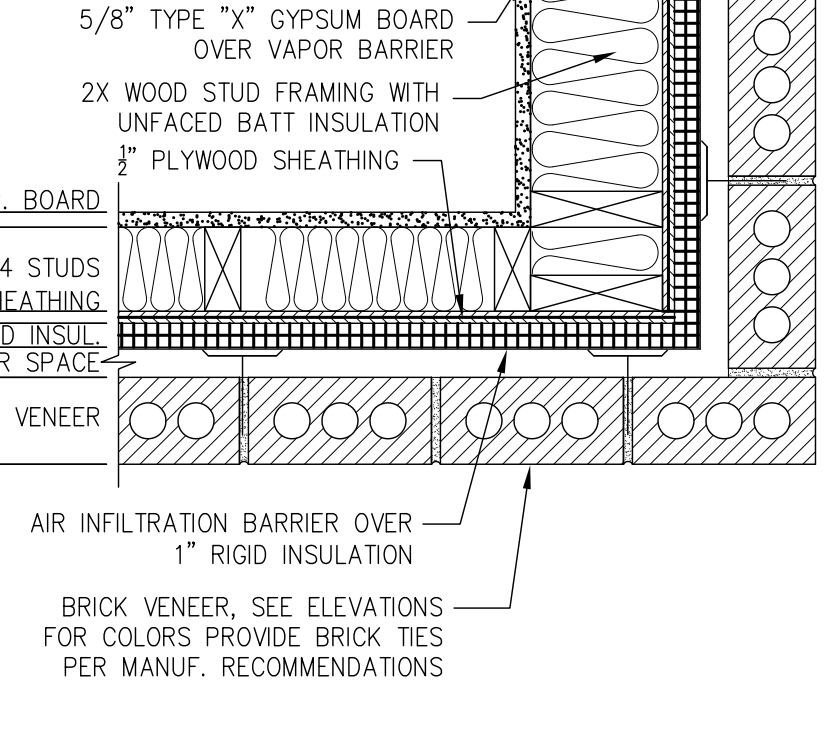
**3 TYPICAL INTERIOR PARTITION**  
SCALE: 1 1/2" = 1'-0"



**4 PLAN DETAIL**  
SCALE: 1 1/2" = 1'-0"



**2 PLAN DETAIL**  
SCALE: 1 1/2" = 1'-0"



**1 PLAN DETAIL**  
SCALE: 1 1/2" = 1'-0"

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1	03-21-2018	ISSUED FOR CONSTRUCTION

**BURGER KING**

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**CURRAN ARCHITECTURE**

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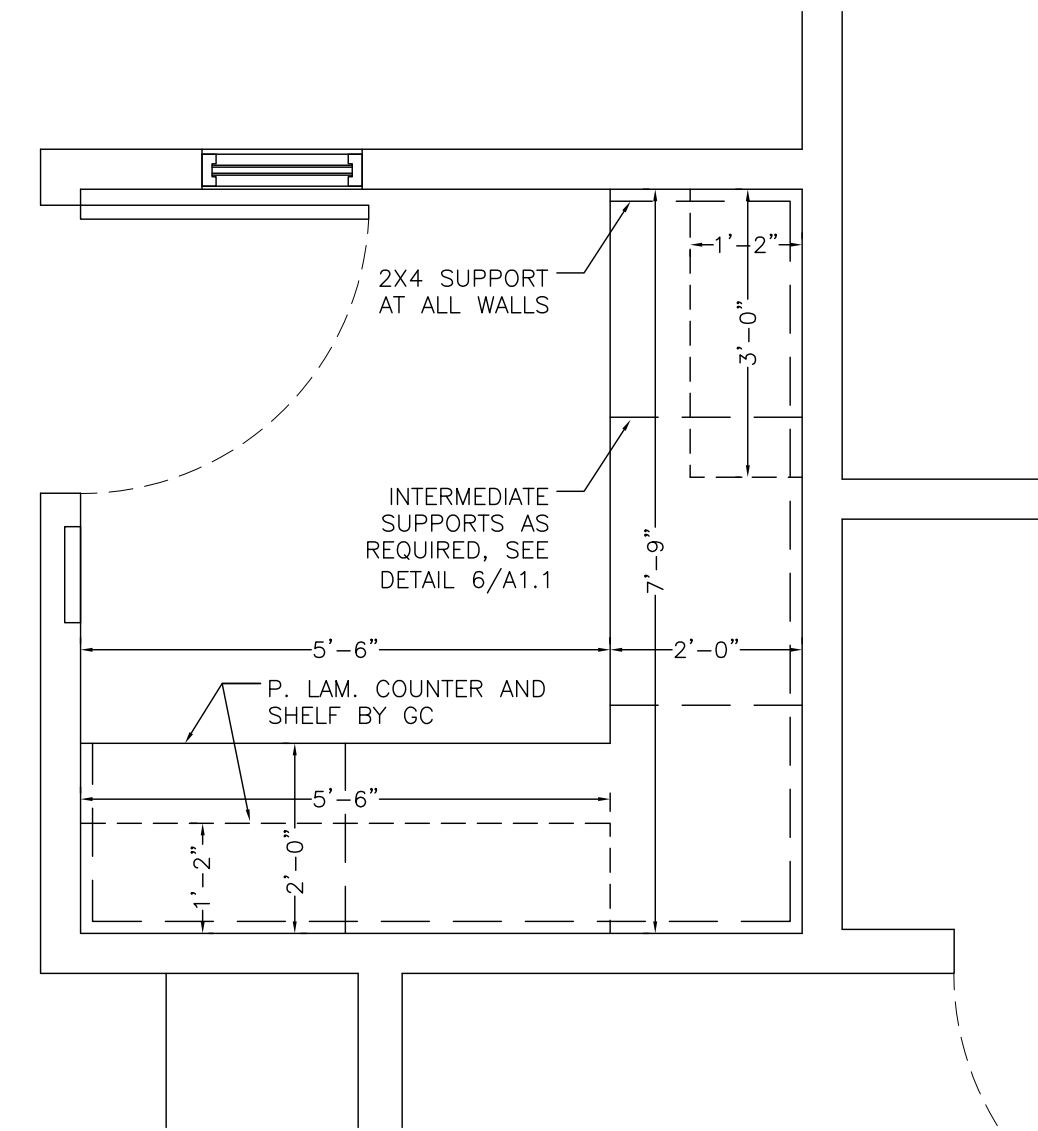
**REGISTERED ARCHITECT**

Professional seal and signature of the architect.

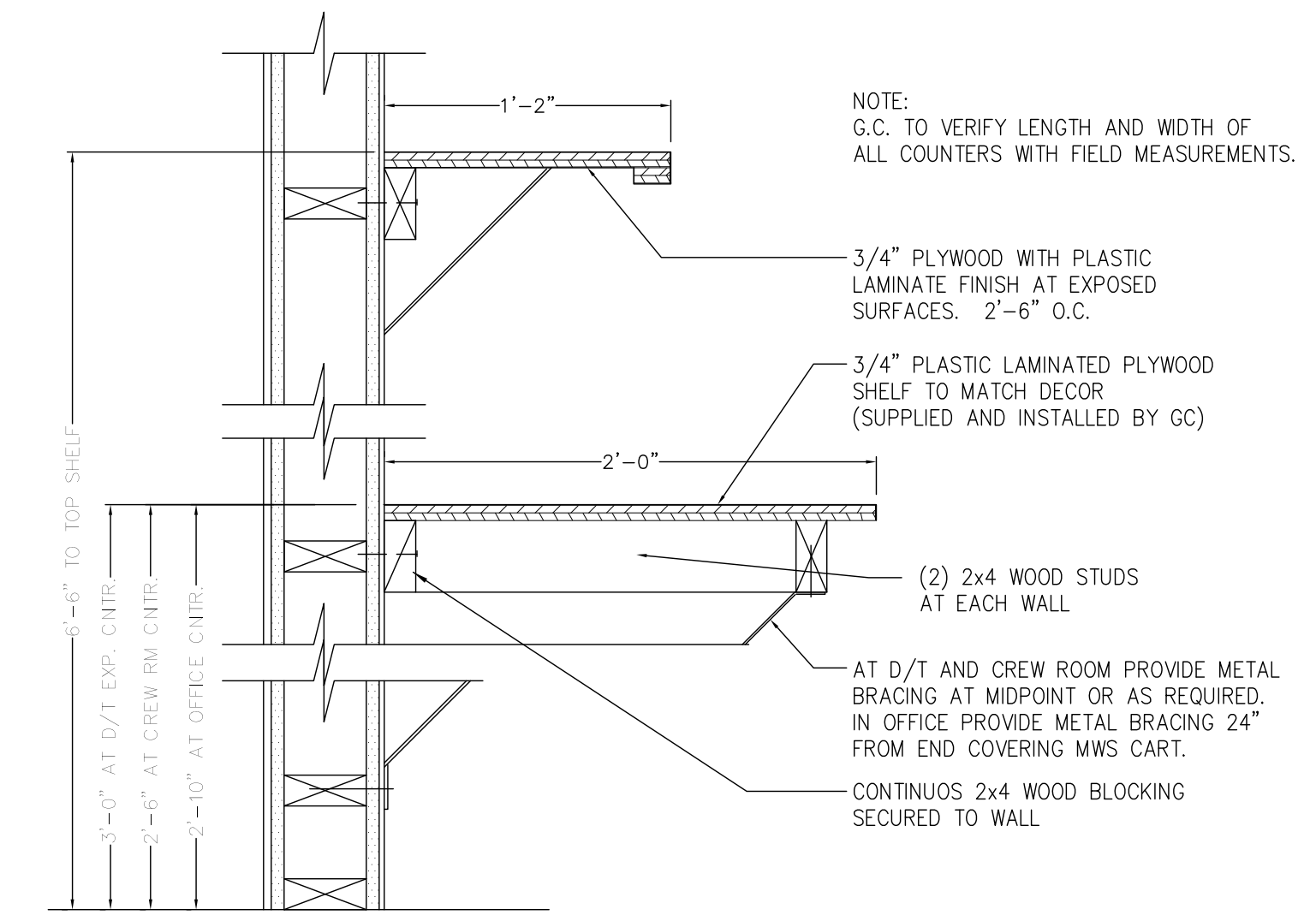
**BURGER KING RESTAURANT**

771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225



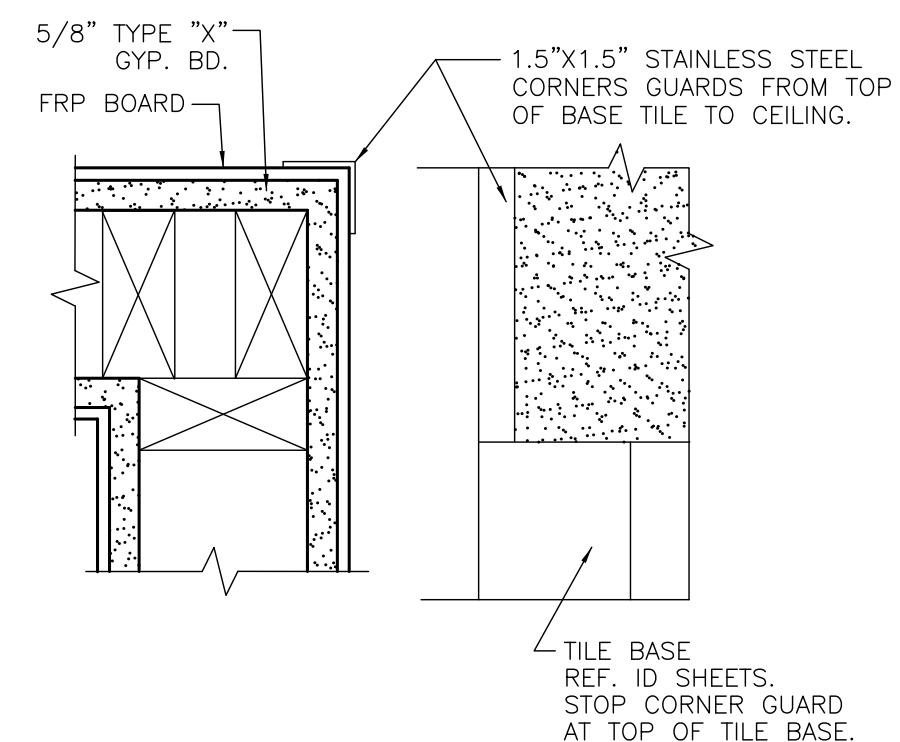


**3 OFFICE COUNTER PLAN**  
SCALE: 1/2" = 1'-0"

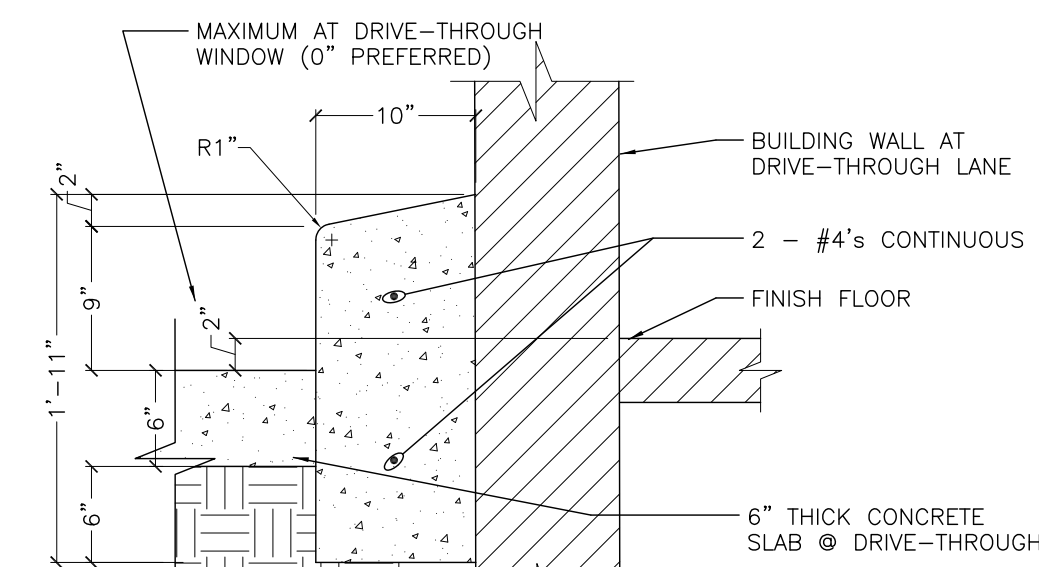


**6 OFFICE COUNTER DETAIL**  
SCALE: 1-1/2" = 1'-0"

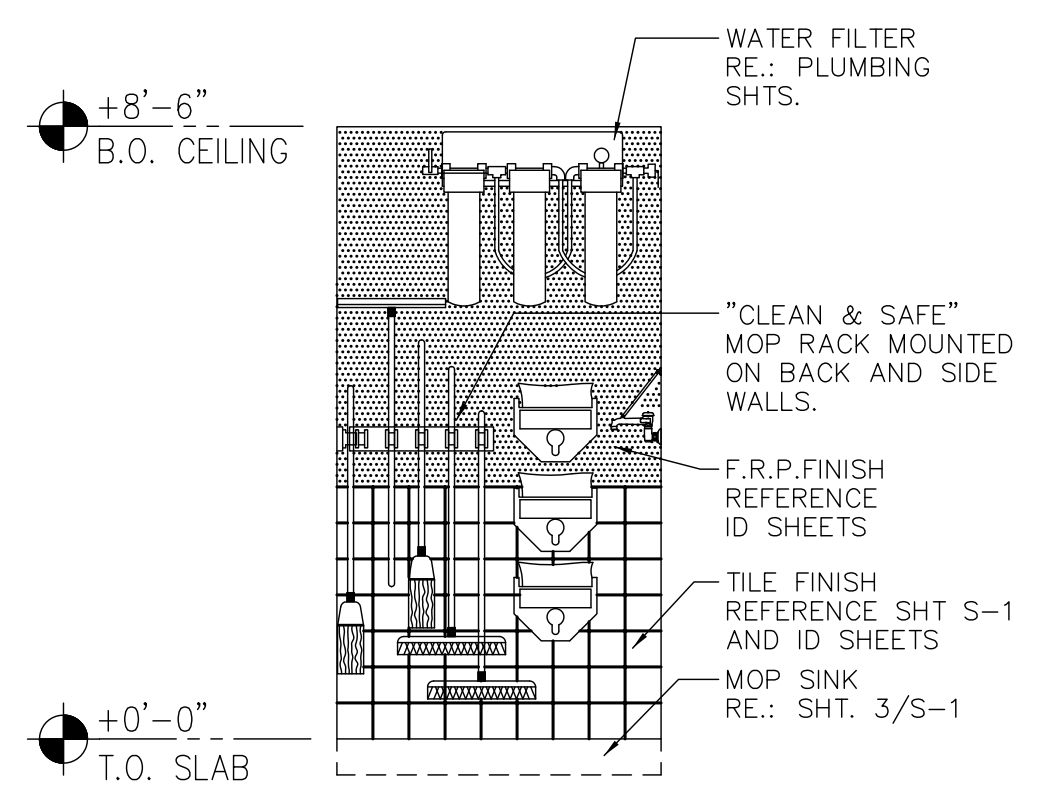
NOTE:  
G.C. TO VERIFY LENGTH AND WIDTH OF  
ALL COUNTERS WITH FIELD MEASUREMENTS.



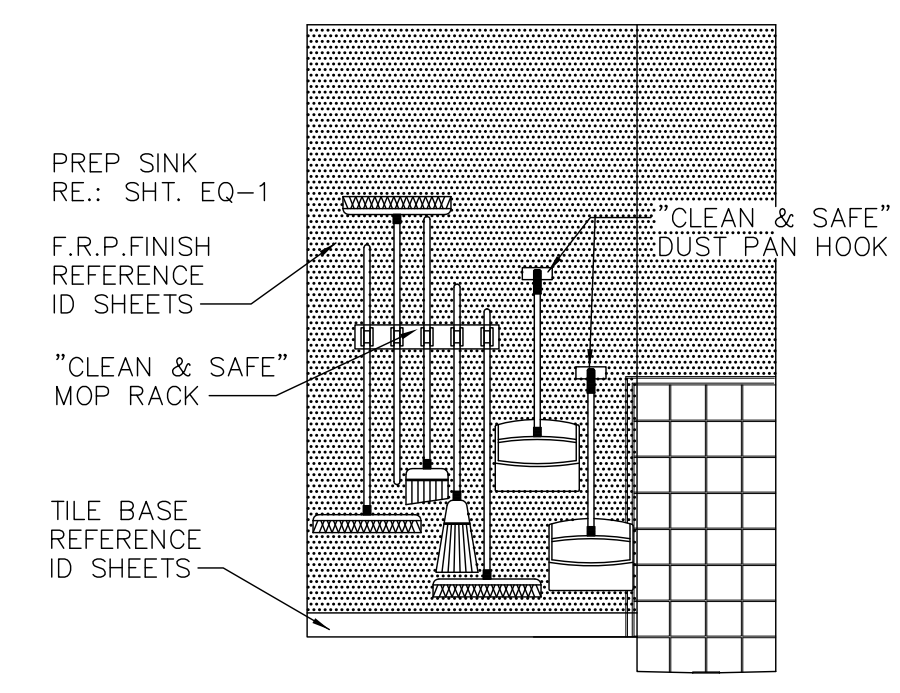
**4 CORNER GUARD DETAIL**  
SCALE: 1-1/2" = 1'-0"



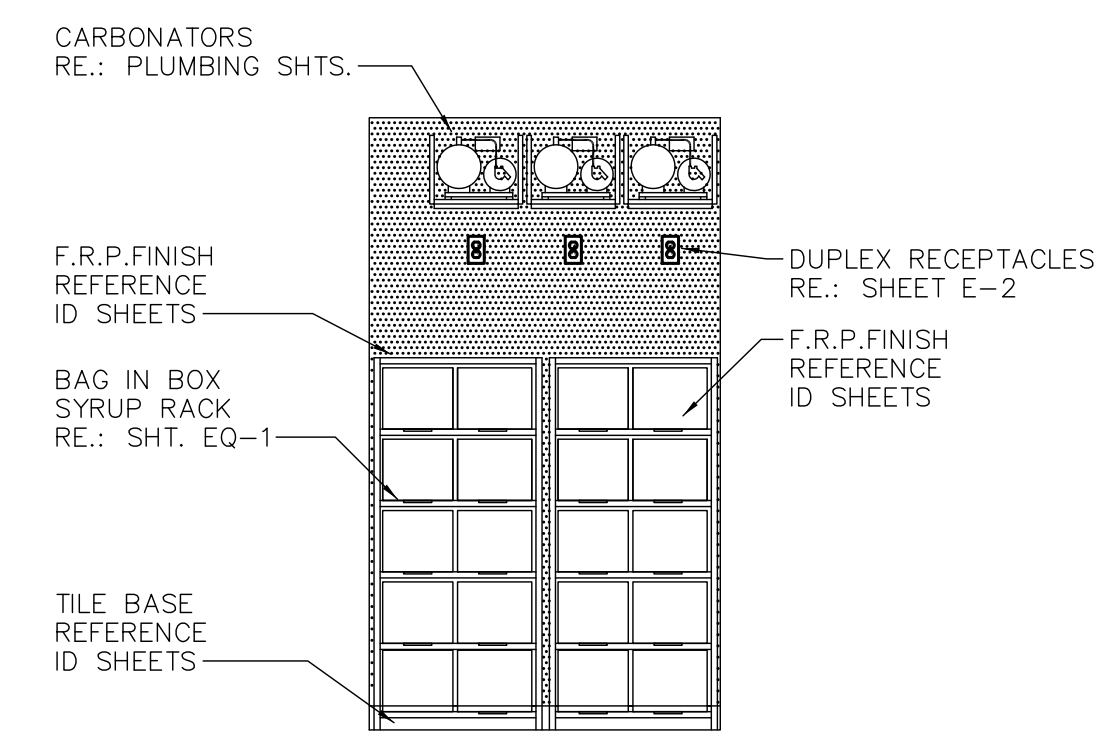
**5 BARRIER CURB DETAIL**  
SCALE: 1" = 1'-0"



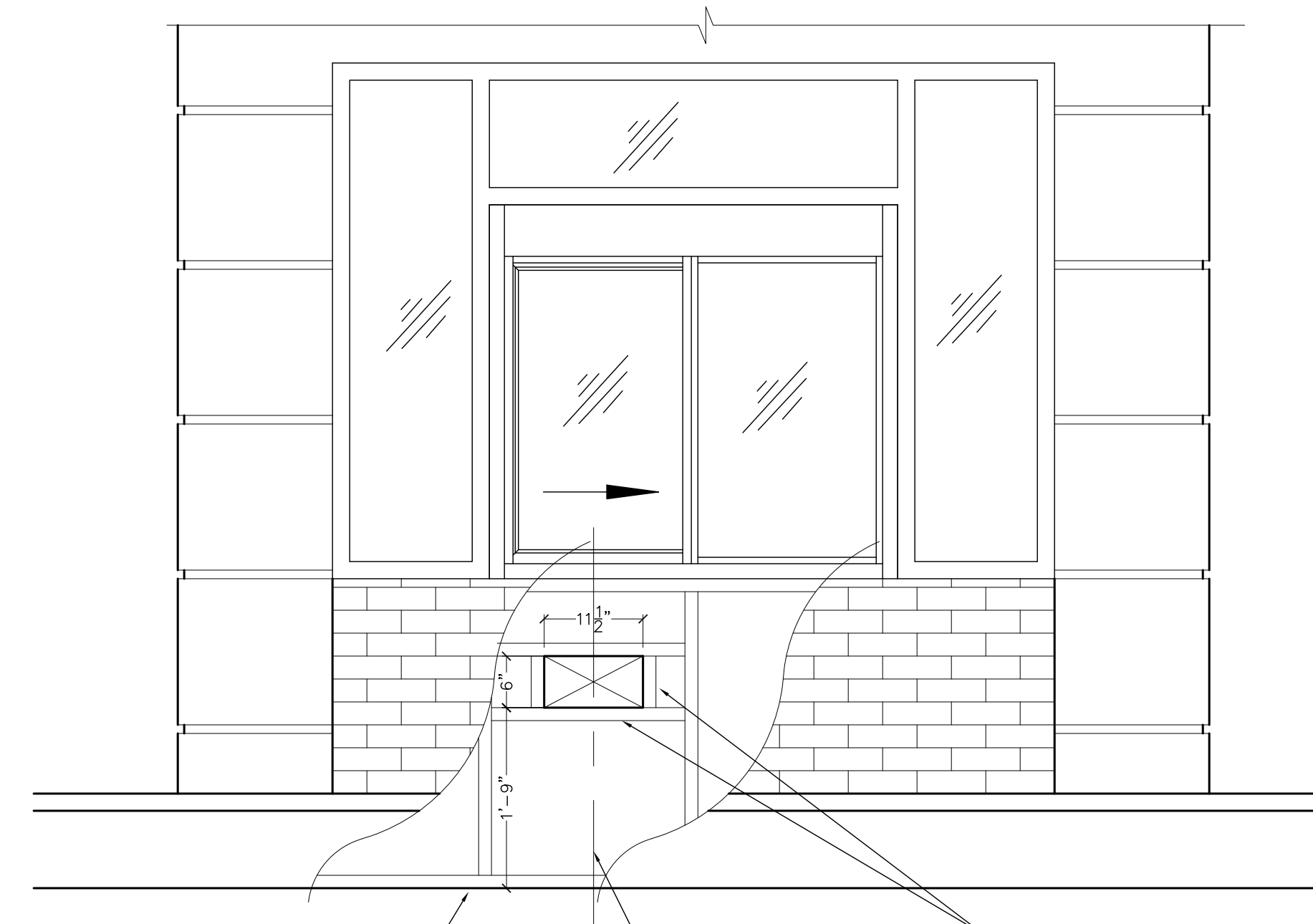
**A ELEVATION**  
SCALE: 3/8" = 1'-0"



**B ELEVATION**  
SCALE: 3/8" = 1'-0"



**C ELEVATION**  
SCALE: 3/8" = 1'-0"



**BURGER KING McLAMORE FOUNDATION COLLECTION BOX OPENING**  
SCALE: 3/4" = 1'-0"

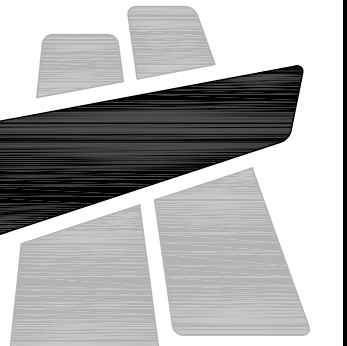
PROVIDE 2x4 BLOCKING BETWEEN VERTICAL STUDS AS INDICATED FOR COLLECTION BOX OPENING. VERIFY OPENING SIZE WITH EQUIPMENT SELECTED.

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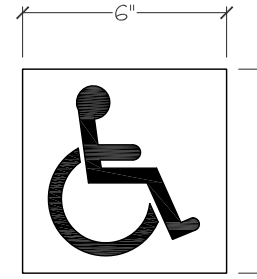


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PROJECT #: 180004  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
MISCELLANEOUS DETAILS



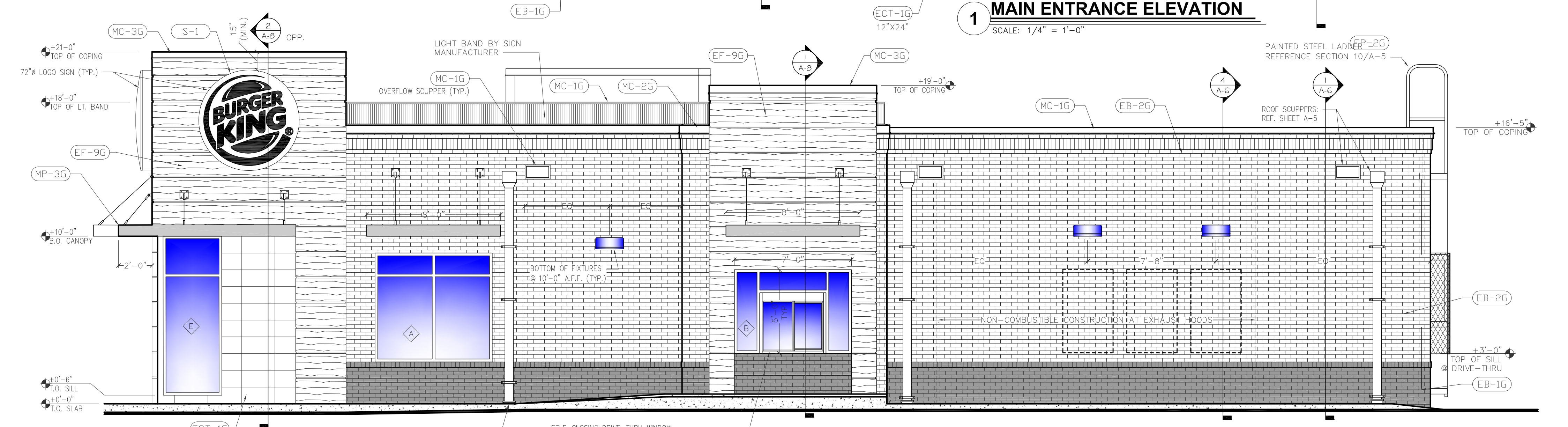
ADA SYMBOL OF ACCESSIBILITY (SA) DECAL TO BE LOCATED ON STOREFRONT GLASS ADJACENT TO ALL ACCESSIBLE DOORS.

**WINDOW DECAL**

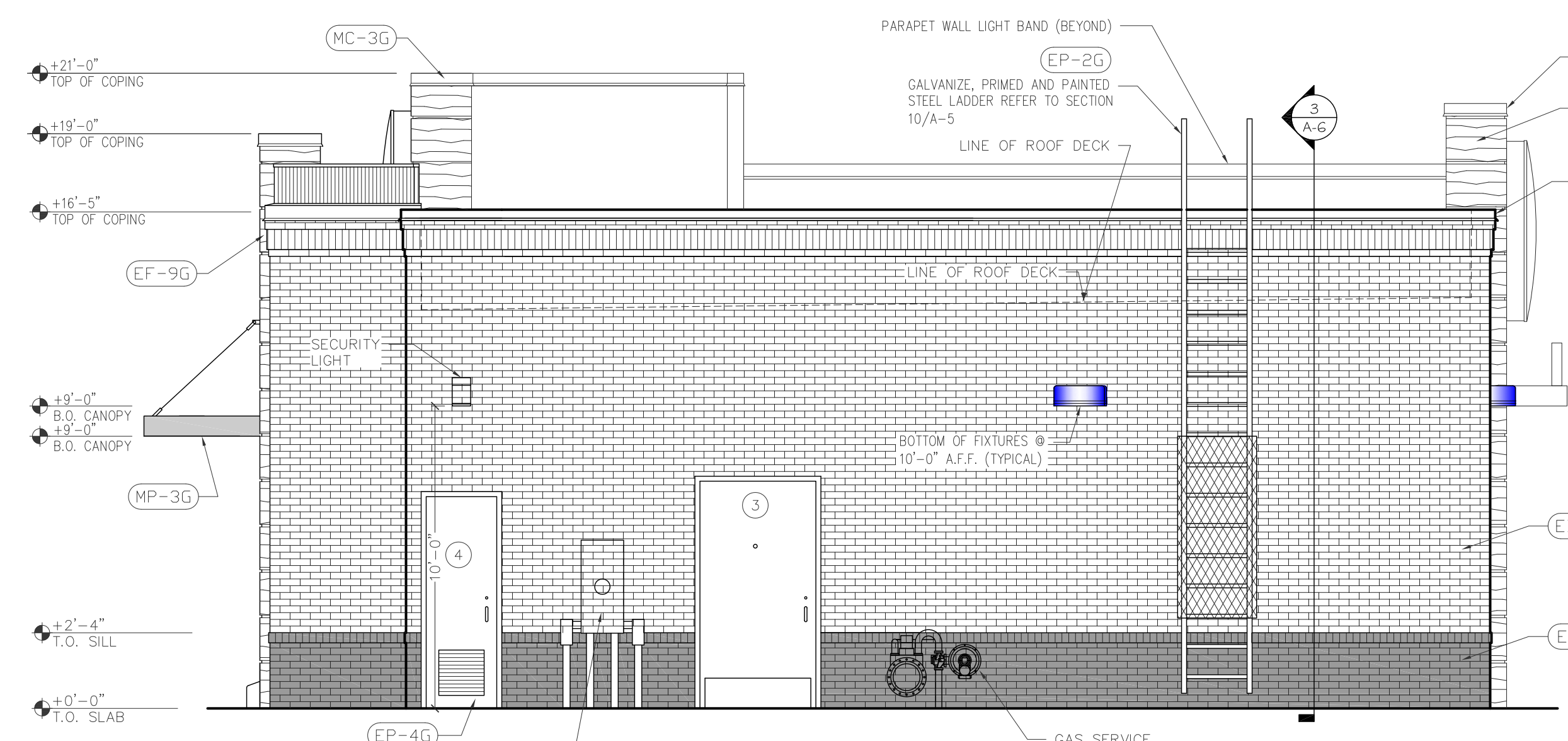
SCALE: NONE



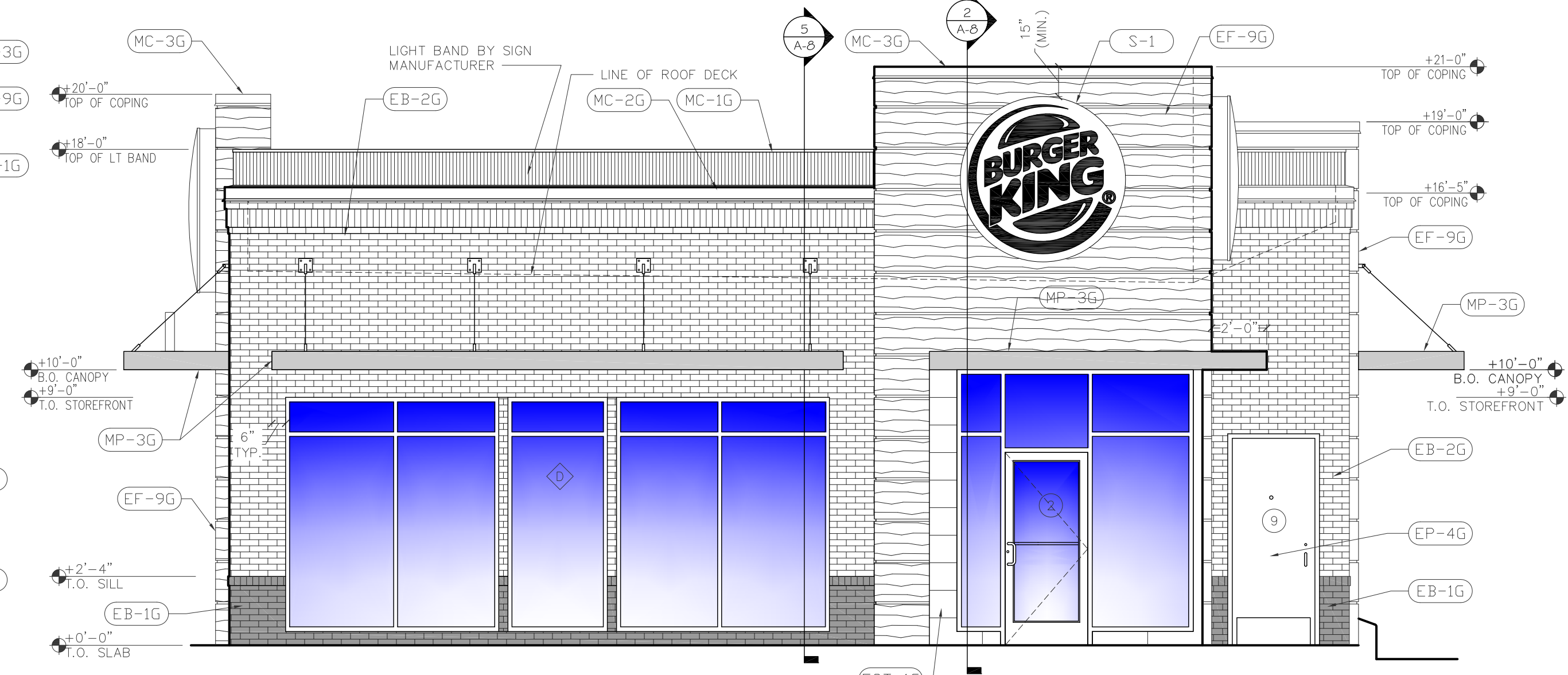
**1 MAIN ENTRANCE ELEVATION**  
SCALE: 1/4" = 1'-0"



**2 DRIVE THROUGH ELEVATION**  
SCALE: 1/4" = 1'-0"



**4 REAR ELEVATION**  
SCALE: 1/4" = 1'-0"



**3 FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"

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1	03.21.2018	ISSUED FOR CONSTRUCTION

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DRAWN BY: DWK

**BURGER KING**

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PROJECT #: 180004

**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

EXTERIOR ELEVATIONS

**BURGER KING - 20/20 GARDEN GRILL**  
**EXTERIOR MATERIALS & FINISH SCHEDULE (not all specs are used on every project)**

5/26/2016							
CODE	MATERIAL	LOCATION	MANUFACTURER	DESCRIPTION			ADDITIONAL INFORMATION
				PRODUCT	COLOR	DIMENSION	
EB-1G	EXTERIOR BRICK	EXTERIOR WAINSCOT TO 2'-6" AFF & ACCENT @ HOTW CANOPY	TAYLOR CLAY PRODUCTS	MOD/WIRE CUT FULL BRICK	#373 AUTUMN BLEND	MODULAR	CONTACT: THERESA BEANE (800)334-8689 TBEANE@PINHALLBRICK.COM
EB-2G	EXTERIOR BRICK	GENERAL FIELD BRICK ABOVE WAINSCOT	TAYLOR CLAY PRODUCTS	MOD/WIRE CUT FULL BRICK	#321 GRAY	MODULAR	NOTE: USE WITH EGR-3G GROUT TO MATCH ADJACENT BRICK COLOR - GC TO VERIFY SPEC WITH OWNER PRIOR TO INSTALLATION
EB-1AG (ALTERNATE FOR EB-1G)	EXTERIOR FINISH FIBER CEMENT BRICK PANELS	GENERAL	NICHIHA FIBER CEMENT	NICHIHA CANYON BRICK PANELS	UNFINISHED - MUST BE PAINTED TO MATCH EP-4G	18" X 6'	CONTACT: ANDREW BRIGGS OR MATT STEPHENSON 866-424-4421 / 770-805-9466 <b>INSTALL PER MANUFACTURER'S SPECIFICATIONS</b>
ECT-1G	EXTERIOR CERAMIC TILE	ACCENT AT BUILDING FRONT	GRANITI GIANDRE / EUROWEST	SENSIBLE STONE ED5052	"RED NATURAL" STACKED BOND PATTERN	12" X 24"	CONTACT: JOY DETER AT EUROWEST (714) 309-9551 OR JOY KLEIN (813) 334-3302 jklein@transamerica.com <b>NOTE: USE WITH EGR-4G</b>
ECT-18G	EXTERIOR CERAMIC TILE	INLINE RESTAURANTS ONLY	GRANITI GIANDRE / EUROWEST	ROVERE ANTICO LEGNI HIGH TECH	PAR 15334 "ROVERE" STACKED BOND PATTERN	6" X 36"	CONTACT: JOY DETER AT EUROWEST (714) 309-9551 OR JOY KLEIN (813) 334-3302 jklein@transamerica.com <b>NOTE: USE WITH EGR-9G</b>
EF-1G	EXTERIOR FINISH - STUCCO, STO, FIBER CEMENT SIDING PANELS	GENERAL	STO OR APPROVED EQUAL	STO POWERWALL STUCCO SYSTEM TEXTURE: FINE SAND OR STO THERM CI EIFS SYSTEM	COLOR TO MATCH EP-2G PPG "TAUPE TONE"		CONTACT: TIM SALERNO AT STO CORP (407) 466-5371
			NICHIHA FIBER CEMENT	NICHIHA ARCHITECTURALBLOCK - LARGE	PREPAINTED TO MATCH EP-2G - PPG "TAUPE TONE" STACKED BOND PATTERN	18" X 6'	<b>PERMISSIBLE ON REMODELS ONLY</b> CONTACT: ANDREW BRIGGS OR MATT STEPHENSON 866-424-4421 / 770-805-9466 <b>INSTALL PER MANUFACTURER'S SPECIFICATIONS</b>
EF-4G	EXTERIOR FINISH STUCCO	GENERAL	STO OR APPROVED EQUAL	STO POWERWALL STUCCO SYSTEM	COLOR TO MATCH EP-4G PPG "MONTEREY CLIFFS"		CONTACT: TIM SALERNO AT STO CORP (407) 466-5371
EF-8G (ALTERNATE FOR EF-9G)	EXTERIOR FINISH STONE	EXTERIOR SIGN ARCHONS	BORAL STONE PRODUCTS	COUNTRY LEDGESTONE	"ASPEN"		CONTACT: 800-255-1727 Ashley.joyce@boral.com culturedstone@boral.com
EF-9G	EXTERIOR FINISH FIBER CEMENT	EXTERIOR SIGN ARCHONS	NICHIHA FIBER CEMENT	VINTAGE WOOD EF762	"CEDAR"	18" X 10'	CONTACT: ANDREW BRIGGS OR MATT STEPHENSON 866-424-4421 / 770-805-9466 <b>INSTALL PER MANUFACTURER'S SPECIFICATIONS. VERTICAL SEAMS SHALL BE MINIMIZED. ALL SPANS OF 10' OR MORE SHALL HAVE VERTICAL CAULKED SEAMS ALIGNED IN THE CENTER OF THE ARCHON.</b>
TR-1G	ALUMINUM TRIMS						
EP-2G	EXTERIOR PAINT	EXTERIOR GENERAL	PPG	PRIMER: 17-921 PAINT: 6-2045XI	"TAUPE TONE" Custom Formula		Contact: RICK GARLIN, PPG CORPORATE NATIONAL ACCOUNTS MANAGER phone: (317) 318-5800 email: garlin@ppg.com
EP-4G	EXTERIOR PAINT	EXTERIOR WAINSCOT		PRIMER: 17-921 PAINT: 6-2045XI	"MONTEREY CLIFFS" 10YY 14/080		
EP-6G	EXTERIOR PAINT	EXTERIOR ACCENT (For Metal Substrates Only)		PRIMER: 6-212 PAINT: 6-230	"BURGER KING SILVER" Custom Formula		<b>NOTE: NOT FOR USE ON ROOFS FOR REMODELING.</b> SEE EP-6AG & EP-6BG
EP-6AG	EXTERIOR PAINT	EXISTING MANSARD ROOFS, SHINGLES & BARREL TILE		PRIMER: 17-921 PAINT: 90-1110	"GRIMMY'S GREY" 00NN 20/000		<b>NOTE: FOR REMODELS ONLY</b>
EP-6BG	EXTERIOR PAINT	EXISTING STANDING SEAM METAL ROOF		PRIMER: 90-712 PAINT: 90-1110	"MARCH WIND" Custom Formula		<b>NOTE: FOR REMODELS ONLY</b>
EP-8BG	EXTERIOR PAINT	METAL COPING AT ARCHON TOWERS		PRIMER: 17-921 PAINT: 6-2045XI	"CEDAR" Custom Formula		
EXT-G	EXTERIOR PAINT	POLES & SIGNS		PRIMER: 90-712 PAINT: 90-353	"BLACK"		
EGR-3G	GROUT	BRICK		MAPEI		#5 "CHAMOIS"	
EGR-4G	GROUT	CERAMIC TILE	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#335 "WINTER GRAY"		<b>NOTE: USE WITH ECT-1G</b> <b>*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET</b> <b>*** SEAL GROUT WITH AQUAMIX SEALERS CHOICE GOLD</b>
EGR-9G	GROUT	INLINE RESTAURANTS ONLY CERAMIC TILE	LATICRETE	POLYBLEND SANDED	#66 "CHESTNUT BROWN"		<b>NOTE: USE WITH ECT-18G</b> <b>*** CONTRACTOR TO ALLOW 1/16" MAX FOR GROUT JOINT</b> <b>*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET</b> <b>*** SEAL GROUT WITH AQUAMIX SEALERS CHOICE GOLD</b> Contact: Kirby Davis at Laticrete (203) 671-7210
MC-1G	METAL COPING	TOP OF LIGHT BAND WALL CAP	W.P. HICKMAN SYSTEMS, INC.	PERMA SNAP PLUS	A-30 "SILVERSMITH"		CONTACT: W.P. HICKMAN COMPANY (828)676-1700 - WWW.WPH.COM
MC-2G	METAL COPING	BELOW LIGHT BAND		PERMA SNAP PLUS	FACTORY FINISH TO MATCH EP-2G PPG "TAUPE TONE"		
MC-3G	METAL COPING	TOP OF ARCHON		PERMA SNAP PLUS	TO BE PAINTED TO MATCH EP-8G PPG "CEDAR"		
MP-1G		PARAPET LIGHT BAND	LEKTRON *SEE APPROVED SIGN SUPPLIERS	LED LIGHT BAND		*SEE PLANS	PRODUCT INFORMATION: JOHN FITZWILSON AT LEKTRON (800) 634-4059 OR (918) 622-4978 EXT 302 Email: Jfitzwilson@lektroninc.com
MP-3G	METAL CANOPY	ABOVE DOORS AND WINDOWS	*SEE APPROVED CANOPY SUPPLIERS	CUSTOM METAL CANOPY	COLOR: CLEAR ANODIZED	*SEE PLANS	
MP-4G	METAL AWNING / SSM ROOFING	ABOVE WINDOWS / MANSARD ROOFING	FIRESTONE METAL PRODUCTS	STANDING SEAM METAL ROOF UC-4 PROFILE	SILVER METALLIC SR	*SEE PLANS	CONTACT: FERNANDO ELY 317-816-3816
			BERRIDGE ROOFING METAL PRODUCTS	STANDING SEAM METAL ROOF CEE-LOCK	PREMIUM METALLIC - ZINC COTE	*SEE PLANS	CONTACT: (210) 650-7047

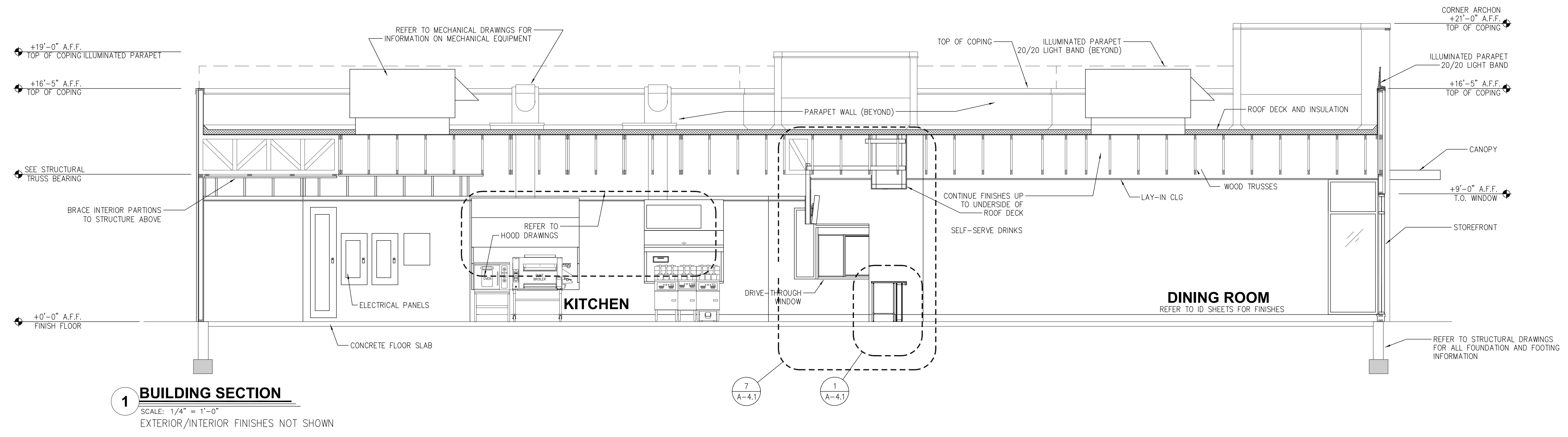
PROJECT #: 180004
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FRANCHISEE: GPS HOSPITALITY  
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ATLANTA, GA 30328  
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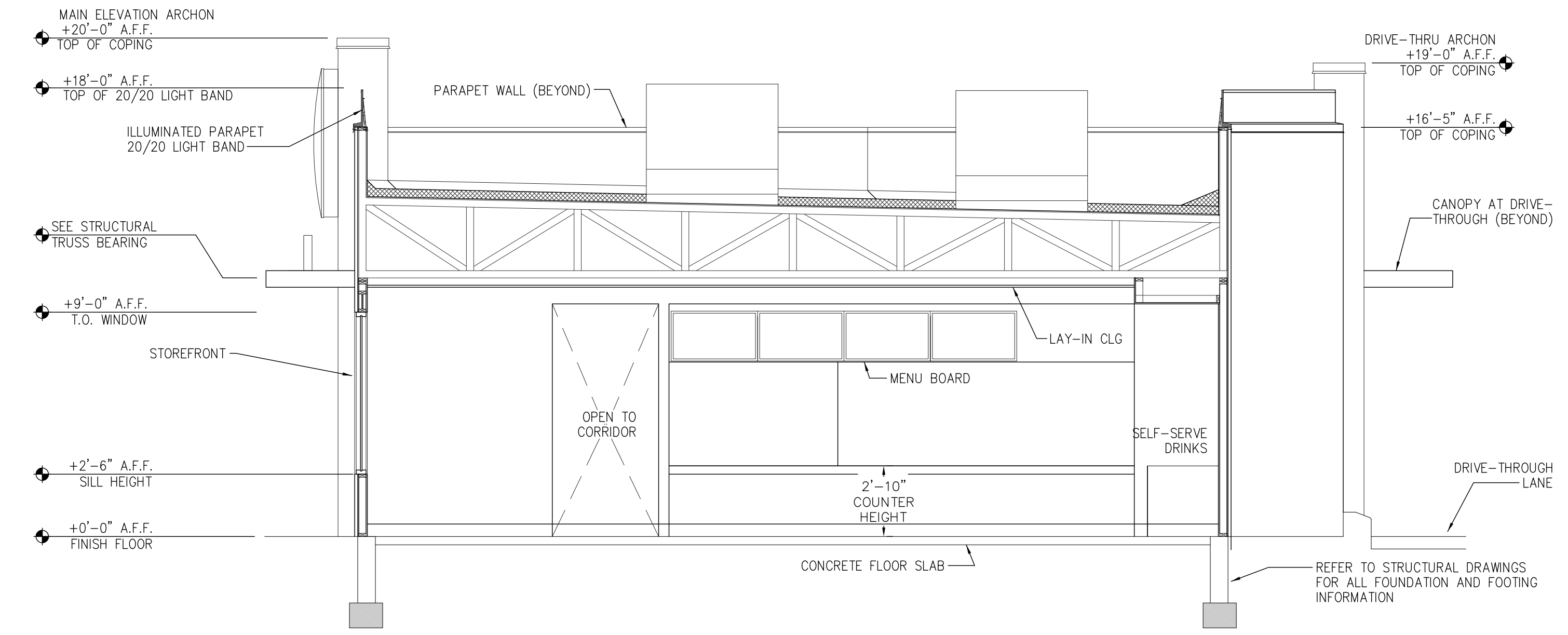
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

GARDEN GRILL EXTERIOR FINISH SCHEDULE

A-2.1



**1 BUILDING SECTION**  
 SCALE: 1/4" = 1'-0"  
 EXTERIOR/INTERIOR FINISHES NOT SHOWN



**2 BUILDING SECTION**  
 SCALE: 1/4" = 1'-0"  
 EXTERIOR/INTERIOR FINISHES NOT SHOWN

NO.	DATE	REVISION
1	03.21.2018	ISSUED FOR CONSTRUCTION

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 DRAWN BY: DWI

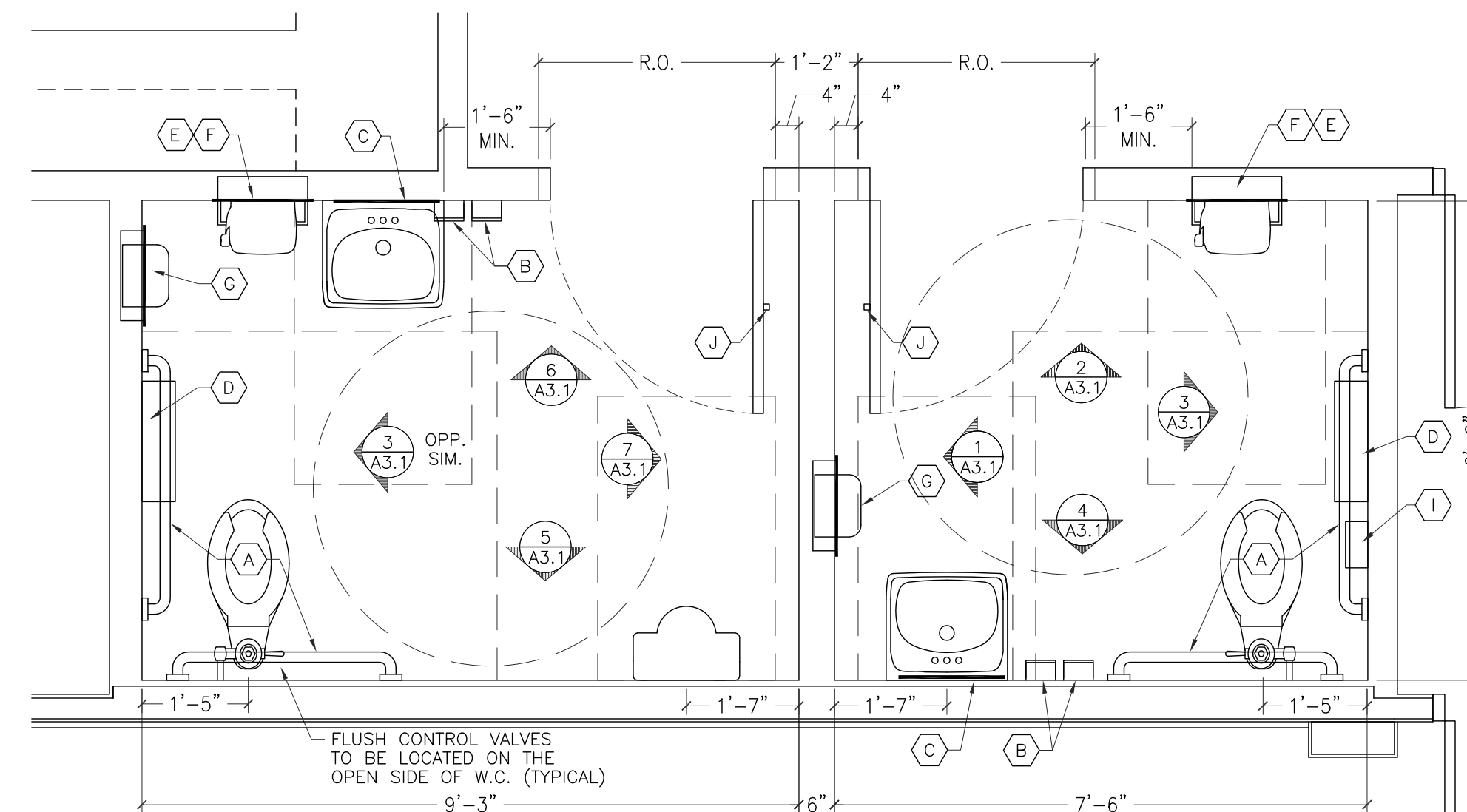


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**CURRAN**  
 ARCHITECTURE  
 5719 LAWTON LOOP E. DR. #212  
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PROJECT #: 180004  
**BURGER KING RESTAURANT**  
 771 BUCHANAN TRAIL EAST  
 GREENCASTLE, PA 17225  
 BUILDING SECTIONS & INTERIOR ELEVATIONS



**RESTROOM PLAN**

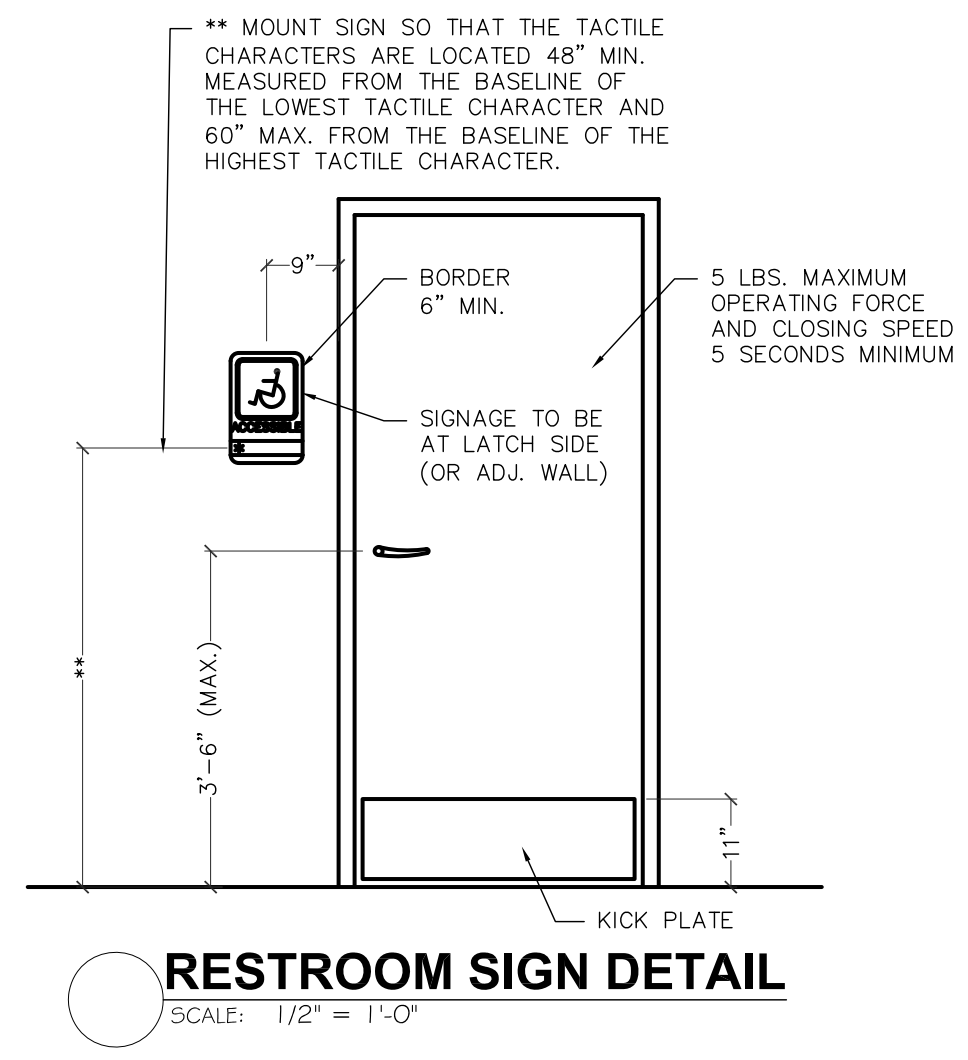
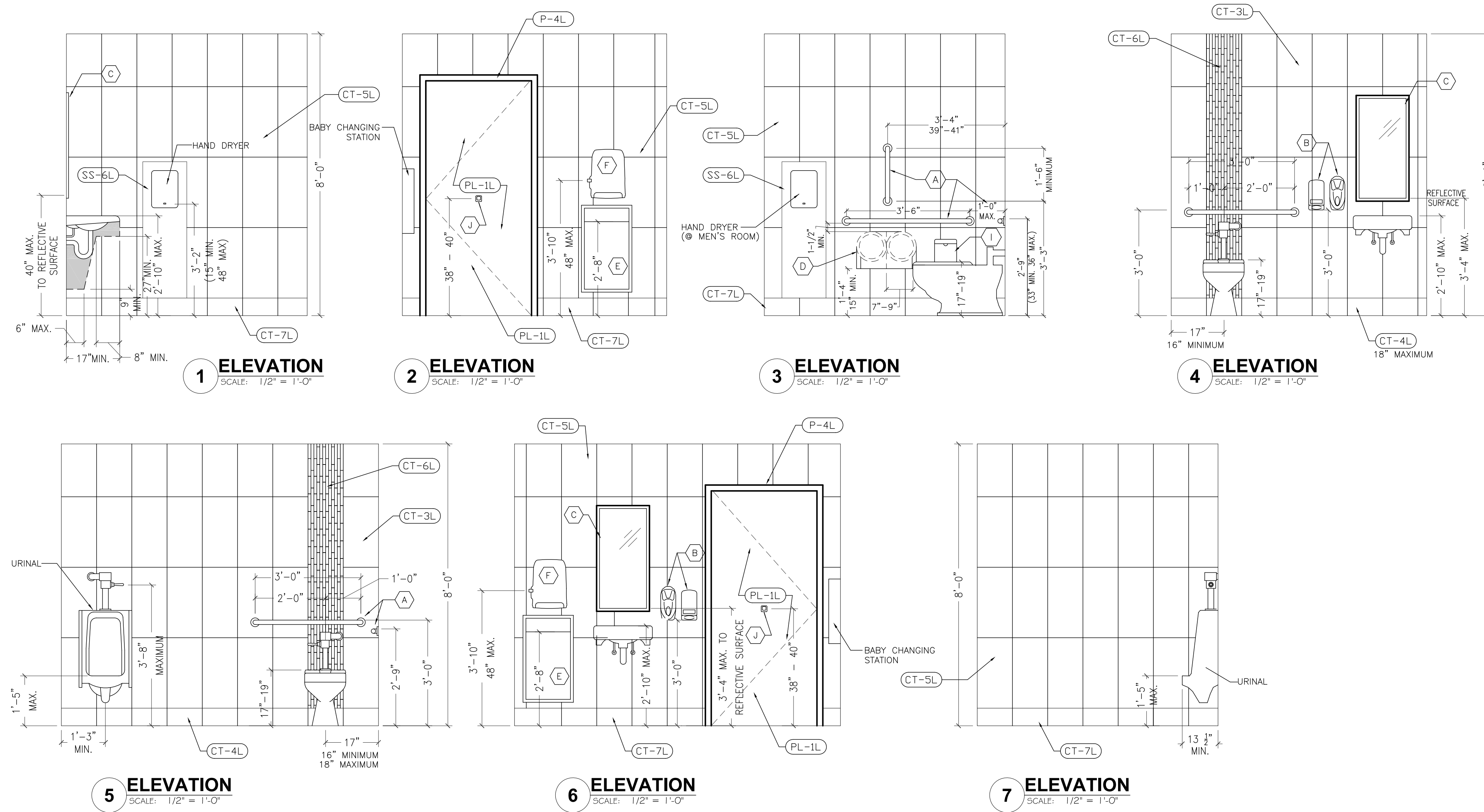
SCALE: 1/2" = 1'-0"

**GENERAL NOTES:**

- A. FOR INTERIOR FINISHES, REFER TO INTERIOR DECOR SHEETS.
- B. PLUMBING FIXTURES TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- C. ALL PLUMBING FIXTURES, FAUCETS AND ACCESSORIES TO BE ADA COMPLIANT.
- D. ALL EXPOSED PIPING UNDER LAVATORIES TO BE INSULATED TO PROTECT FROM CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

**RESTROOM / KITCHEN ACCESSORIES:**

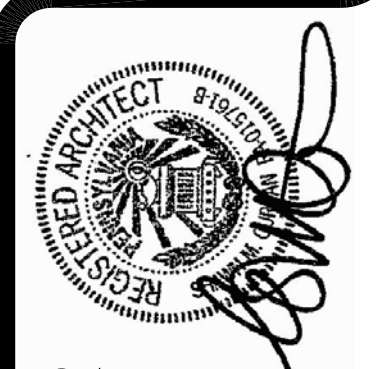
- A. GRAB BAR: BOBRICK 250 LBF. MINIMUM 33" MIN. TO 36" MAX. HEIGHT TO THE TOP OF THE GRIPPING SURFACE. PROVIDE THE REQUIRED QUANTITY AND LENGTH AS INDICATED ON THE DRAWINGS OR AS REQUIRED BY THE GOVERNING CODE. THE BAR SHALL BE 1-1/2" IN DIAMETER AND MOUNTED WITH 1-1/2" CLEARANCE FROM THE WALL.
- B. WALL MOUNTED SOAP DISPENSER AND HAND SANITIZER DISPENSER (36" MAX. HEIGHT) SUPPLIED BY "ECOLAB" AND INSTALLED BY THE G.C. NOTE: SOAP AND HAND SANITIZER DISPENSERS TO BE PROVIDED AT EACH KITCHEN HANDSINK.
- C. MIRROR: (BOTTOM OF REFLECTIVE SURFACE AT 40" MAXIMUM HEIGHT) MODEL B-165-1836 (18"x36") STAINLESS STEEL CHANNEL FRAME MIRROR WITH THEFT RESISTANT SCREWS BY BOBRICK OR APPROVED EQUIVALENT.
- D. TOILET PAPER HOLDER: 9" TWIN JUMBO MODEL #58250 BY NORTH AMERICAN CORPORATION.
- E. PAPER WASTE RECEPTACLE: MODEL B-3644 AS MANUFACTURED BY BOBRICK OR APPROVED EQUIVALENT. (ROUGH OPENING 16"W x 29-1/4"H x 4"D MIN.)
- F. PAPER TOWEL DISPENSER: "SAN JAMAR" SUPPLIED BY PAPER TOWEL SUPPLIER AND INSTALLED BY THE G.C. MODEL #T-1290WS. OPTIONAL: HANDS FREE PAPER TOWEL DISPENSER: "SAN JAMAR" #T-1490WS. NOTE: PROVIDE PAPER TOWEL DISPENSER "SAN JAMAR" MODEL #T-1490BK AT EACH HAND SINK IN KITCHEN.
- G. ELECTRIC HAND DRYER: COLUMBIA VORTEX SEMI-RECESSED DELUXE SERIES AUTOMATIC TOUCH-FREE SENSOR HAND DRYER. MODEL HD-635-210. NOTE: HAND DRYER TO BE INSTALLED AT A MAXIMUM HEIGHT OF 48" FROM FINISH FLOOR ELEVATION TO TOP OF SENSOR OR PER ADA REQUIREMENTS.
- H. URINAL SCREEN: BOBRICK 1080/1180 DURALINE SERIES #EO-09 COLOR: BLACK. OPTIONAL: MARBLE LAMINATE OR PHENOLIC URINAL SCREEN MAY BE USED AS AN ALTERNATE TO BOBRICK SPECIFICATION.
- I. SANITARY NAPKIN DISPOSAL: BOBRICK CUNTURA SERIES B-270, SURFACE MOUNTED.
- J. COAT HOOK: BOBRICK MODEL B-6717 TO BE MOUNTED ON INSIDE OF EACH RESTROOM DOOR FOR SINGLE OCCUPANCY RESTROOMS AND EACH RESTROOM STALL DOOR FOR MULTIPLE OCCUPANCY RESTROOMS. MOUNT AT 38"-40" A.F.F. FOR ADA ACCESSIBLE LOCATIONS AND AT 48" A.F.F. MAXIMUM FOR NON-ADA ACCESSIBLE LOCATIONS.



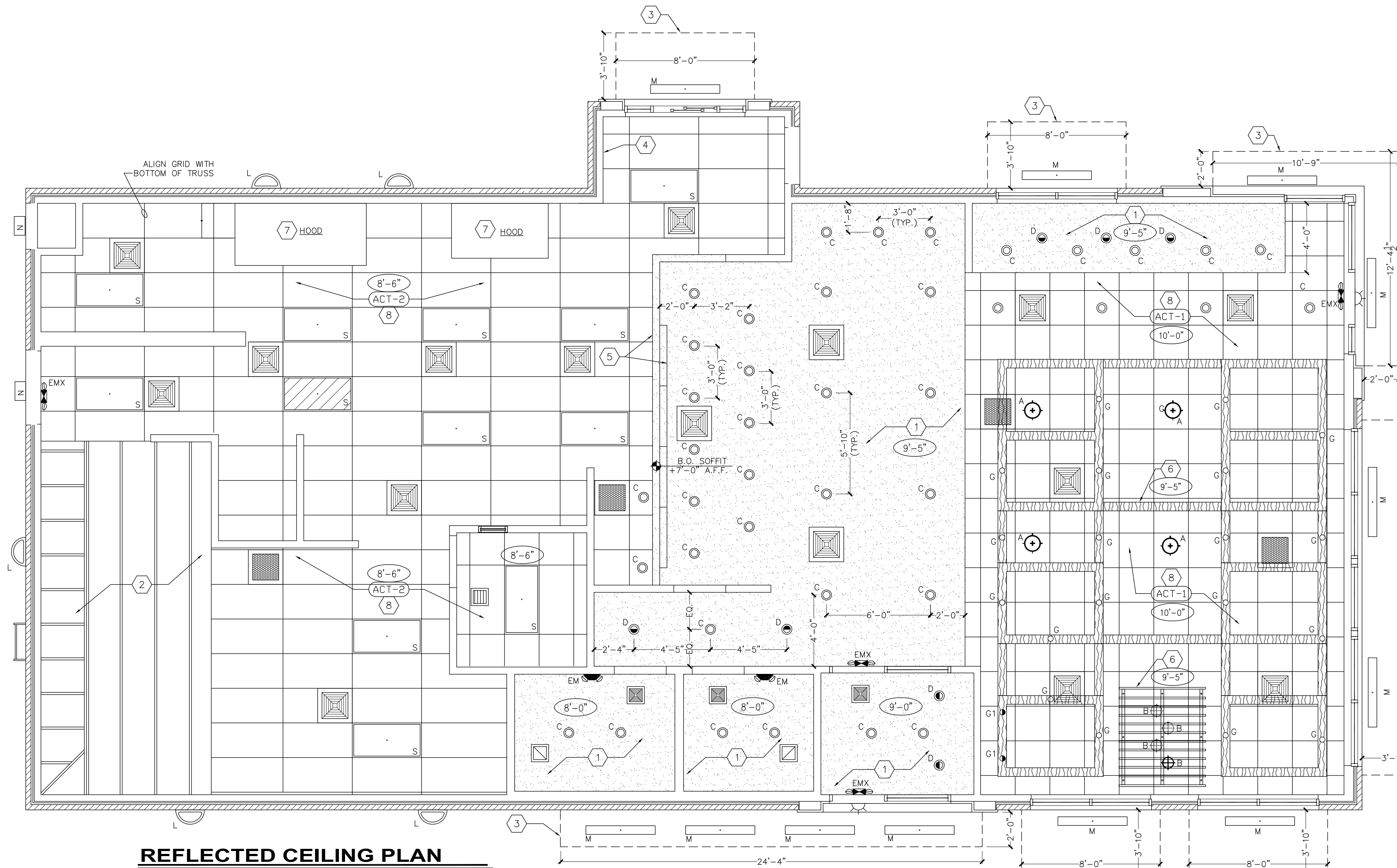
PROJECT #	180004
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REVISION	ISSUED FOR CONSTRUCTION
DRAWN BY	DWM
DATE	03.21.2018
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**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
RESTROOM ADA PLANS & INTERIOR ELEVATIONS



**REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"

**NOTE:**  
DINING ROOMS ARE DESIGNED TO A 35 - 40 FOOT-CANDLE LEVEL.  
KITCHENS ARE DESIGNED TO 50 FOOT-CANDLE LEVEL.  
RESTROOMS ARE DESIGNED TO 50 FOOT-CANDLE. FOR  
ADDITIONAL INFORMATION ON LIGHTING REQUIREMENTS REFER  
TO BURGER KING LIGHTING STANDARDS POSTED @  
DESIGNWITHBK.COM/COMMON DOCUMENTS.

**GENERAL NOTES:**

- A. ALL DIMENSIONS SHOWN ON REFLECTED CEILING PLAN ARE FROM FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
- B. THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM FINISH FLOOR (F.F.)
- C. GENERAL CONTRACTOR TO COORDINATE DINING ROOM LIGHTING WITH APPROVED INTERIOR DECOR DRAWINGS.
- D. CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES AND ALSO MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE TO ADDITIONAL REQUIREMENTS, LOCAL CODES, ETC.
- E. FOR H.V.A.C. PLAN, SECTIONS, DUCT LOCATIONS, SUPPLY AND RETURN GRILLE SIZES AND ADDITIONAL INFORMATION, REFERENCE SHEET M-1.
- F. ALL FIXTURES SHALL BE LOCATED IN THE CENTER OF CEILING TILES UNLESS NOTED OTHERWISE.
- G. REFERENCE SHEET E-1 FOR LIGHTING LAYOUT REQUIREMENTS AND ADDITIONAL INFORMATION. REFERENCE INTERIOR DECOR SHEETS FOR FINISH SPECIFICATIONS.
- I. CONTRACTOR TO COORDINATE PENDANT LIGHT LOCATIONS WITH DECOR SUPPLIER DRAWINGS.

**KEYED NOTES:**

- 1 GYPSUM BOARD CEILING/SOFFIT
- 2 EXPOSED TRUSSES ABOVE WALK-IN BOX, REFER TO W.I.B. DRAWINGS FOR INTERIOR LIGHT FIXTURES
- 3 PREFABRICATED METAL CANOPY
- 4 STAINLESS STEEL SERVICE CHASE
- 5 MENU BOARD AND HEADER. REFERENCE DTL 7/A-4.1
- 6 SUSPENDED WOOD TRELLIS/PERGOLA. BOTTOM AT 9'-5". REFER TO DECOR DRAWINGS FOR DETAILS AND INSTALLATION REQUIREMENTS.
- 7 MECHANICAL EXHAUST HOOD ABOVE
- 8 SUSPENDED ACOUSTICAL TILE CEILING. REFER TO FINISH SCHEDULE.

**SYMBOLS LEGEND**

SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSERS
	RETURN AIR GRILLES
	EXHAUST FAN GRILLES
<b>B1</b>	SURFACE MOUNTED INTERIOR WALL SCONCE. COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER.
<b>B2</b>	SINGLE PENDANT. COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER.
<b>C</b>	6" DIAMETER SURFACE MOUNTED CYLINDER, BLACK. COORDINATE LOCATION AND QUANTITY WITH DECOR SUPPLIER.
<b>D</b>	8" DIAMETER RECESSED COMPACT FLUORESCENT.
<b>D2</b>	8" DIAMETER RECESSED COMPACT FLUORESCENT W/ WALL WASHER LENS
<b>G</b>	2x4 RECESSED FLUORESCENT (NIGHT LIGHT WHEN SHOWN HATCHED)
<b>K</b>	12x12 RECESSED SOFFIT LIGHT
<b>L</b>	SURFACE MOUNTED EXTERIOR WALL SCONCE (ALSO USED IN OPEN CANOPIES)
<b>M</b>	WET LISTED 4'-0" FLUORESCENT (USED UNDER AWNINGS AND CLOSED CANOPIES)
<b>N</b>	WALL MOUNTED SECURITY LIGHT
<b>EM</b>	EMERGENCY LIGHT
<b>EMX</b>	EXIT LIGHT

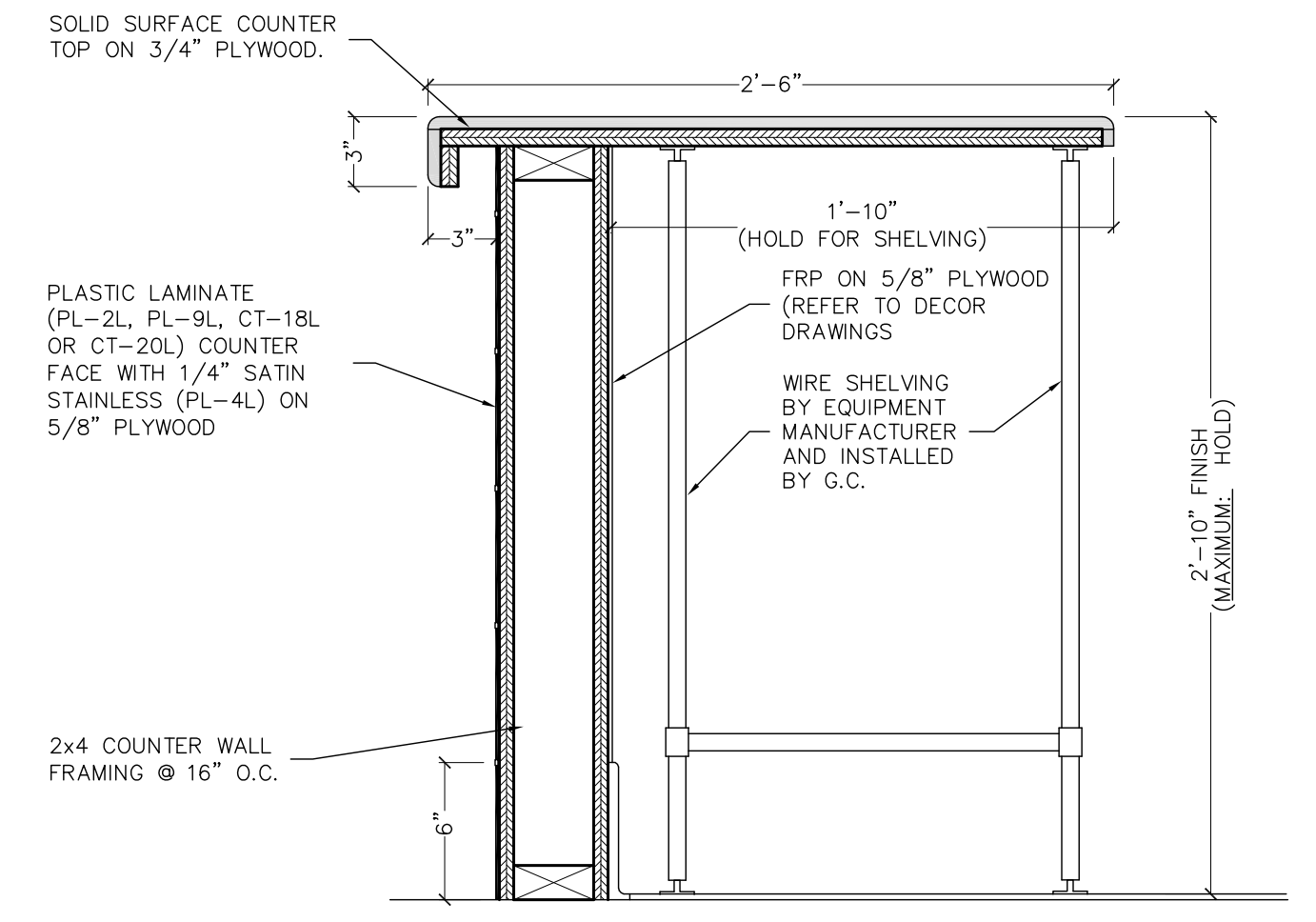
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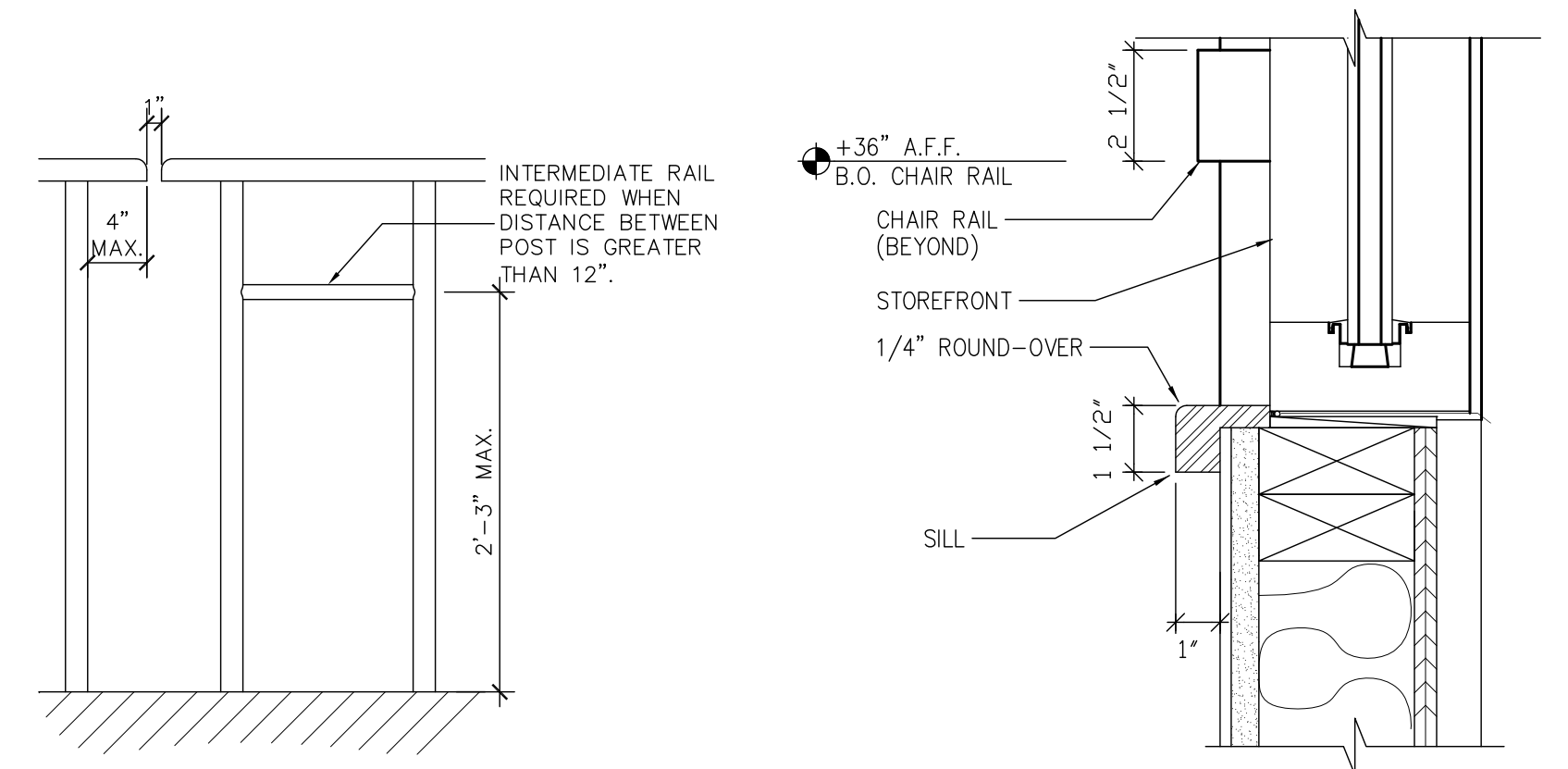
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PROJECT # 180004  
RUC-60 REVERSE  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
REFLECTED CEILING

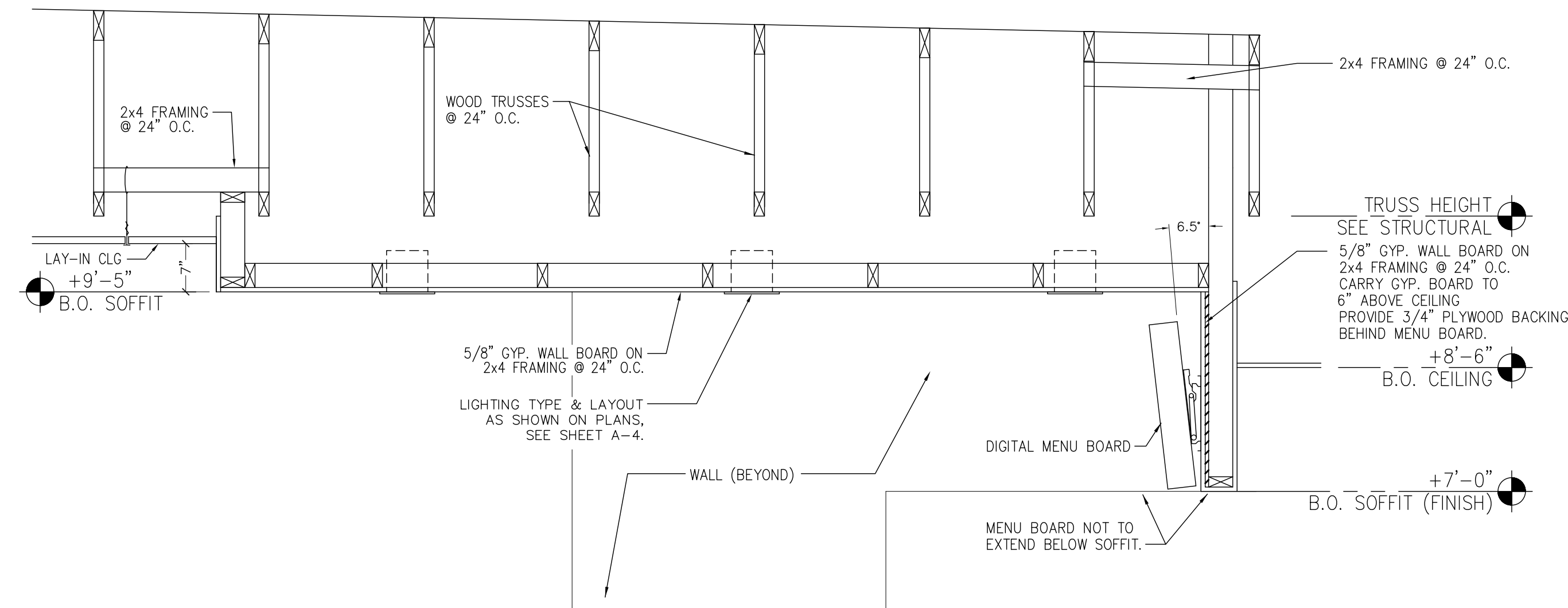


**1 SERVICE COUNTER SECTION**  
SCALE: 1 1/2" = 1'-0"

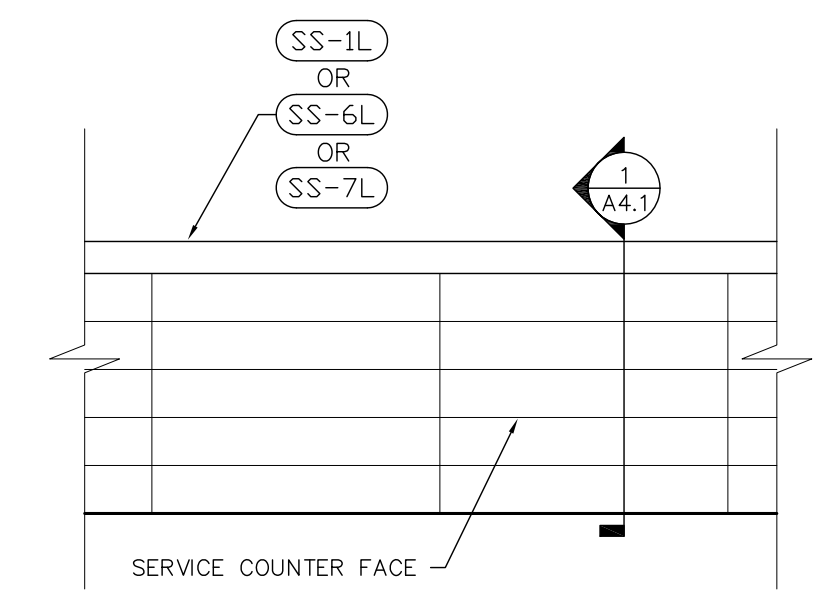


**QUEUE RAIL DETAIL**  
SCALE: 1" = 1'-0"

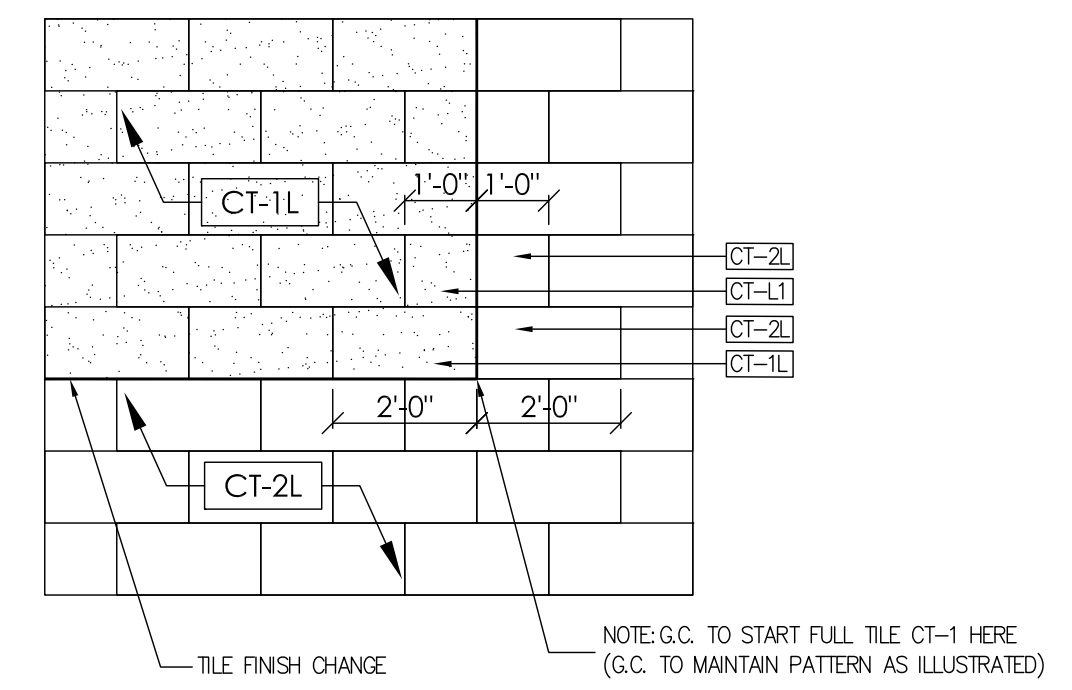
REFERENCE BUILDING SECTIONS FOR CONSTRUCTION NOTES.  
**SILL & CHAIR RAIL**  
SCALE: N.T.S.



**2 MENU BOARD HEADER & FRONT SERVICE COUNTER SOFFIT DETAIL**  
SCALE: 3/4"=1'-0"



**CUSTOMER SIDE COUNTER ELEVATION**  
SCALE: 1/2" = 1'-0"

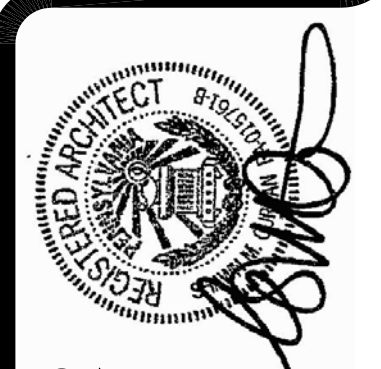


**TILE PATTERN DETAIL**  
SCALE: 3/4"=1'-0"



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PROJECT #: 180004  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

## GENERAL ROOFING NOTES:

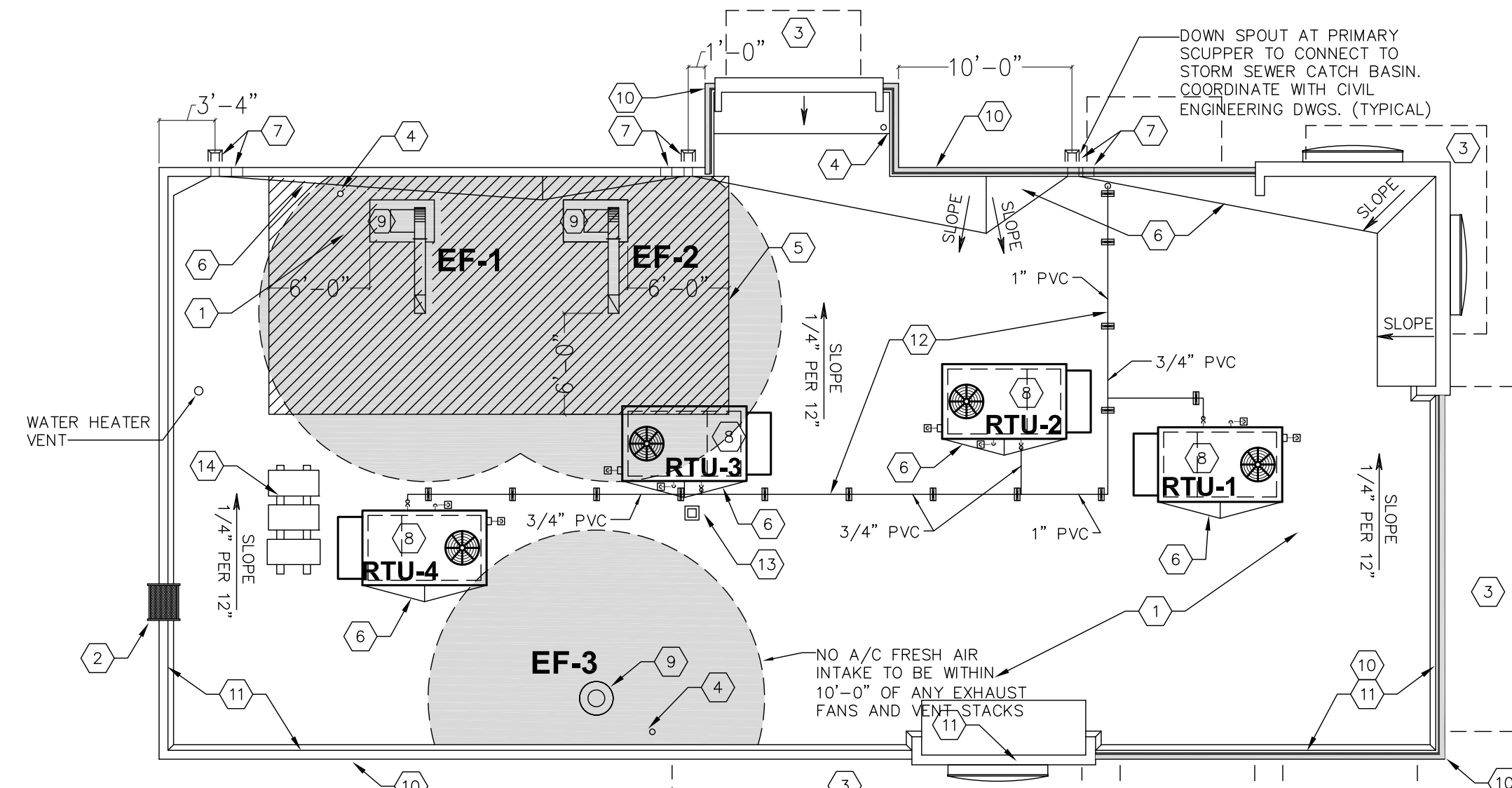
- ROOFING SUBCONTRACTOR TO COORDINATE LOCATION OF H.V.A.C. UNITS AND ROOF TOP ACCESSORIES WITH STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR PLACEMENT AND TAPERED RIGID INSULATION BOARD LAY-OUT AND SUBSEQUENT INSTALLATION IN ORDER TO AVOID PONDING WATER CONDITIONS ATTRIBUTABLE TO BOARD LAY-OUT ISSUES.
- ROOF SYSTEMS SPECIFIED SHALL BE APPLIED ONLY BY MANUFACTURER APPROVED APPLICATOR IN ORDER TO MEET GUARANTEE REQUIREMENTS. MECHANICAL DRAWINGS.
- COORDINATE LOCATION OF MECHANICAL UNITS WITH STRUCTURAL AND MECHANICAL DRAWINGS.
- HVAC CONDENSATE LINES TO TERMINATE AT ROOF DRAIN OR AS REQUIRED BY LOCAL CODE.
- REFER TO STRUCTURAL AND M-E-P DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL CURBS AND PIPE PENETRATIONS SHALL HAVE A MINIMUM OF 16" CLEAR FROM EACH OTHER FOR ROOF FLASHING PURPOSES. ALL EQUIPMENT SHALL HAVE A MINIMUM OF 16" CLEAR FROM ALL ADJACENT PARAPETS. ALL HVAC MOUNTED EQUIPMENT (DISCONNECT BOXES, GFCI, PIPE SUPPORTS) SHALL NOT BE CLOSER THAN 16" FROM EACH OTHER OR CURB. NO UNSTRUT PIPE SUPPORTS SHALL BE USED AS VERTICAL MEMBERS FOR MOUNTING EQUIPMENT TO ROOF SURFACE.
- PONDING WATER IS DEFINED AS WATER THAT DOES NOT DRAIN OR DISSIPATE FROM THE ROOF WITHIN 48 HOURS AFTER PRECIPITATION.
- CONTRACTOR SHALL "SUGAR-IN" ALL ASPHALT. BLEED-OUT ON PILES WITH ADDITIONAL GRANULES TO MATCH EXISTING COLORATION OF THE MINERAL SURFACE CAP SHEET.
- ALL FLASHING CEMENTS, ASPHALTS, PRODUCTS AND ACCESSORIES SHALL BE APPROVED BY ROOFING MANUFACTURER WITH THE MANUFACTURER'S BRAND. ALL ASPHALTS SHALL BE AMERICAN MANUFACTURED PRODUCTS.

## KEYED NOTES:

- TWO-PLY MODIFIED BITUMEN MEMBRANE W/GLASS FIBER REINFORCEMENT. BOTTOM PLY SHALL BE UNSURFACED, TOP PLY SHALL HAVE WHITE MINERAL SURFACE.
- ROOF ACCESS LADDER, REFERENCE DETAIL, THIS SHEET.
- PREFABRICATED METAL AWNING OR CANOPY, REFERENCE SHEET A-9.
- VENT THROUGH ROOF - PROVIDE PREFABRICATED DURO-LAST VENT FLASHING FOR ALL VENTS AND PIPE PENETRATIONS. REFERENCE DETAIL #6, THIS SHEET.
- INSTALL MODIFIED BITUMEN SACRIFICE SHEET AS SPECIFIED AT KITCHEN EXHAUST.
- ROOF CRICKET WITH SLOPE TO MATCH ROOF, REFER TO DETAIL #3, THIS SHEET.
- PRIMARY AND OVERFLOW ROOF SCUPPERS - REFER TO DETAILS #4 AND #7 THIS SHEET.
- ROOFTOP AIR CONDITIONING UNIT - REFER TO MECHANICAL PLANS.
- EXHAUST FAN - REFER TO MECHANICAL PLANS.
- ILLUMINATED PARAPET LIGHT BAND.
- METAL COPING.
- PVC CONDENSATE DRAIN (SIZE AS SHOWN) WITH PIPE SUPPORTS EVERY 5'-0".
- TERMINATE CONDENSATE DRAIN AT PRIMARY SCUPPER. REFER TO DETAIL #8, THIS SHEET FOR ADDITIONAL INFORMATION.
- PROVIDE PITCH PAN WITH CONDUIT OVER OFFICE FOR SATELLITE DISH/ANTENNA.
- EQUIPMENT STAND FOR WALK-IN BOX COOLER/FREEZER CONDENSERS AND ICE MACHINE CONDENSER. REFER TO EQUIPMENT STAND DETAIL, THIS SHEET.

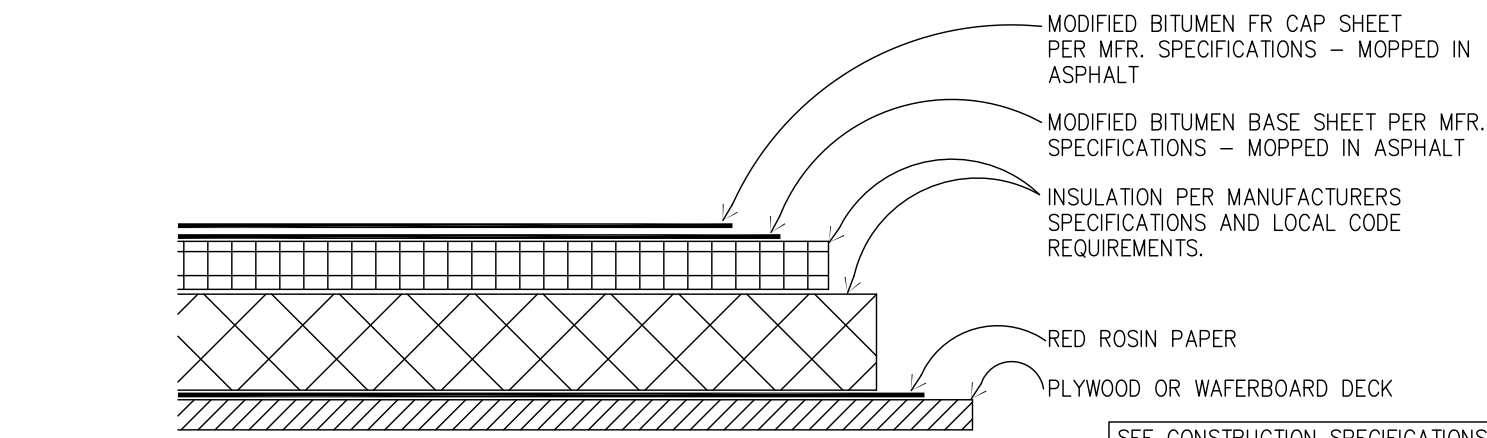
## GENERAL NOTES:

- THE ROOF STRUCTURE SHALL NOT BE USED FOR STOCKPILING OF EQUIPMENT OR MATERIALS UNLESS APPROVED BY THE ARCHITECT, STRUCTURAL ENGINEER AND THE JOIST MANUFACTURER.
- THE ROOFING SYSTEM SHALL BE AS PER DRAWINGS AND PER MANUFACTURER'S SPECIFICATIONS.
- COORDINATE ROOF ELEVATIONS WITH STRUCTURAL DRAWINGS. REFER TO SPECIFICATION SHEET FOR ROOF RELATED ITEMS, INCLUDING GUARANTEES, CURBS, FLASHING, ETC.

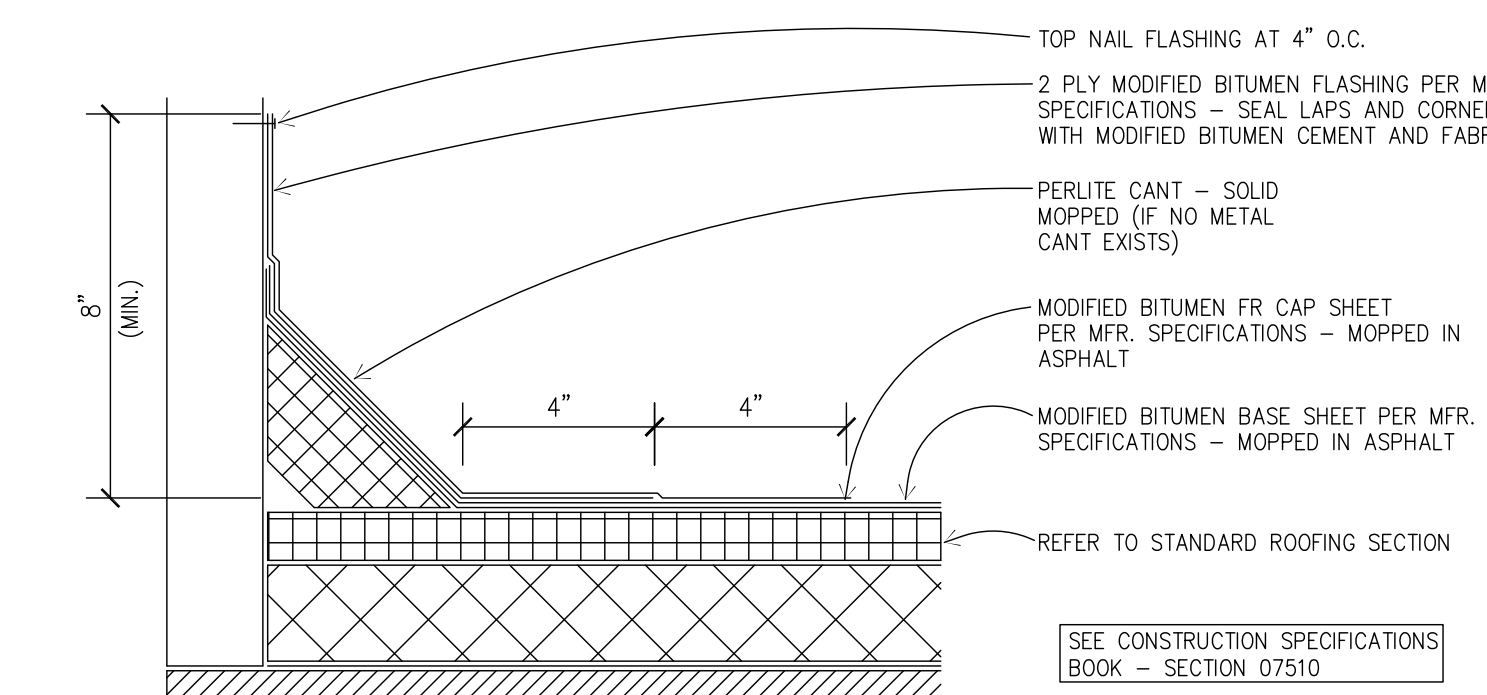


**ROOF PLAN**  
SCALE: 1/8" = 1'-0"

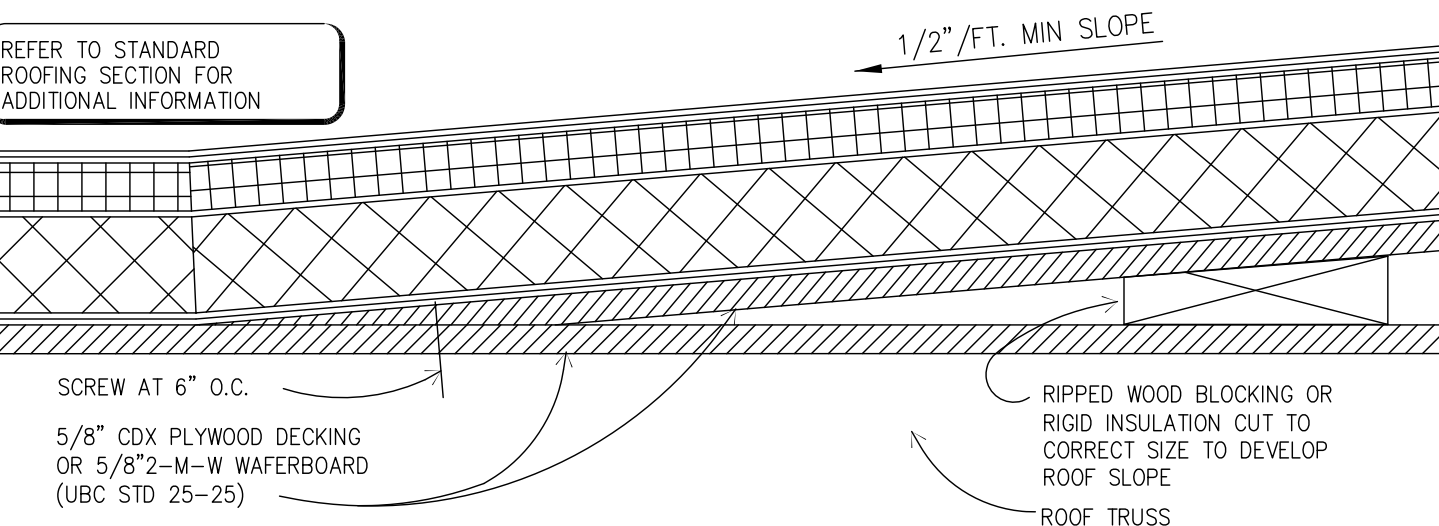
NOTE: ALL ROOFING DETAILS TO BE VERIFIED AND COORDINATED WITH MANUFACTURER'S SPECIFICATIONS AND WARRANTIES.



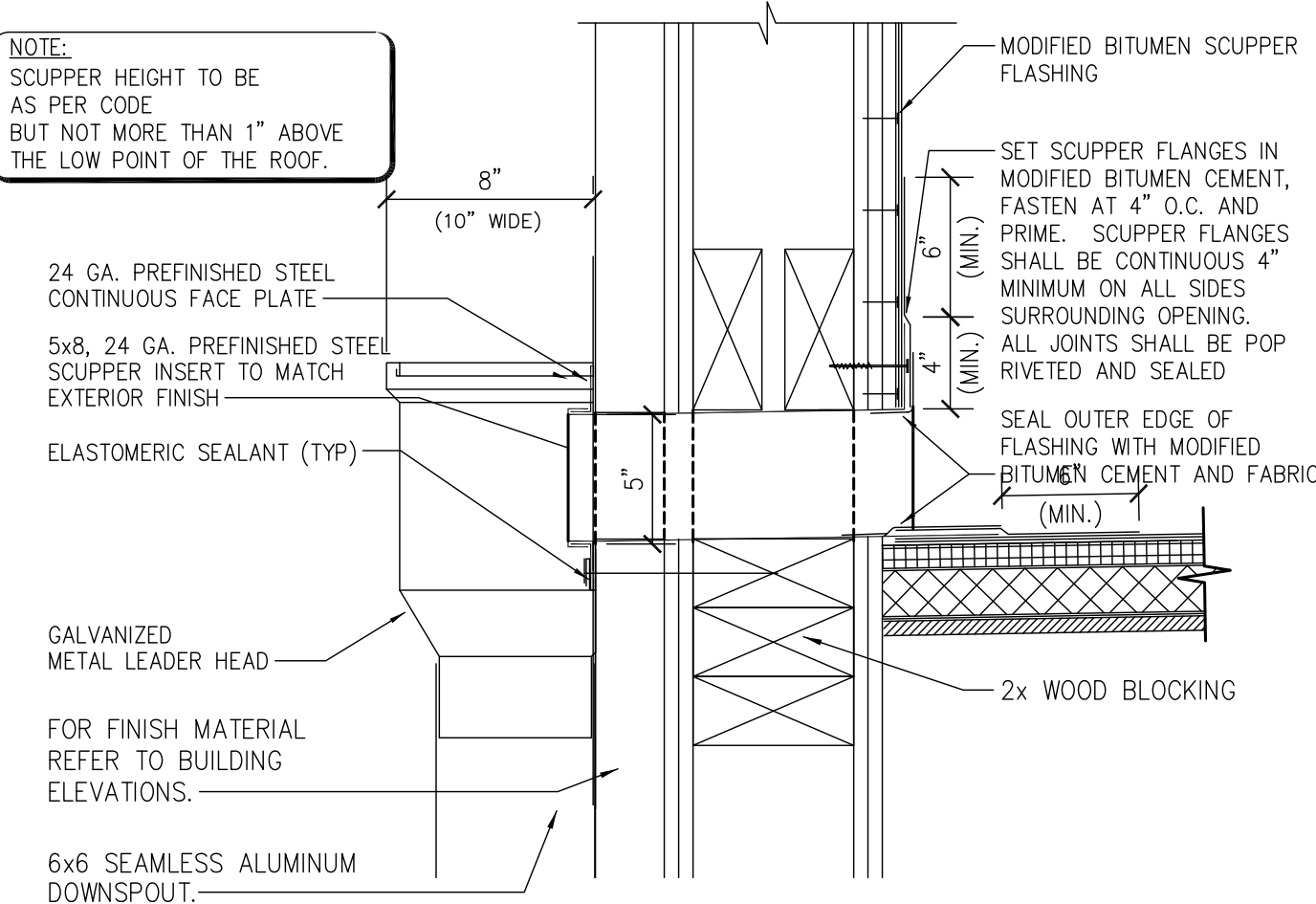
**1 STANDARD ROOFING SECTION**  
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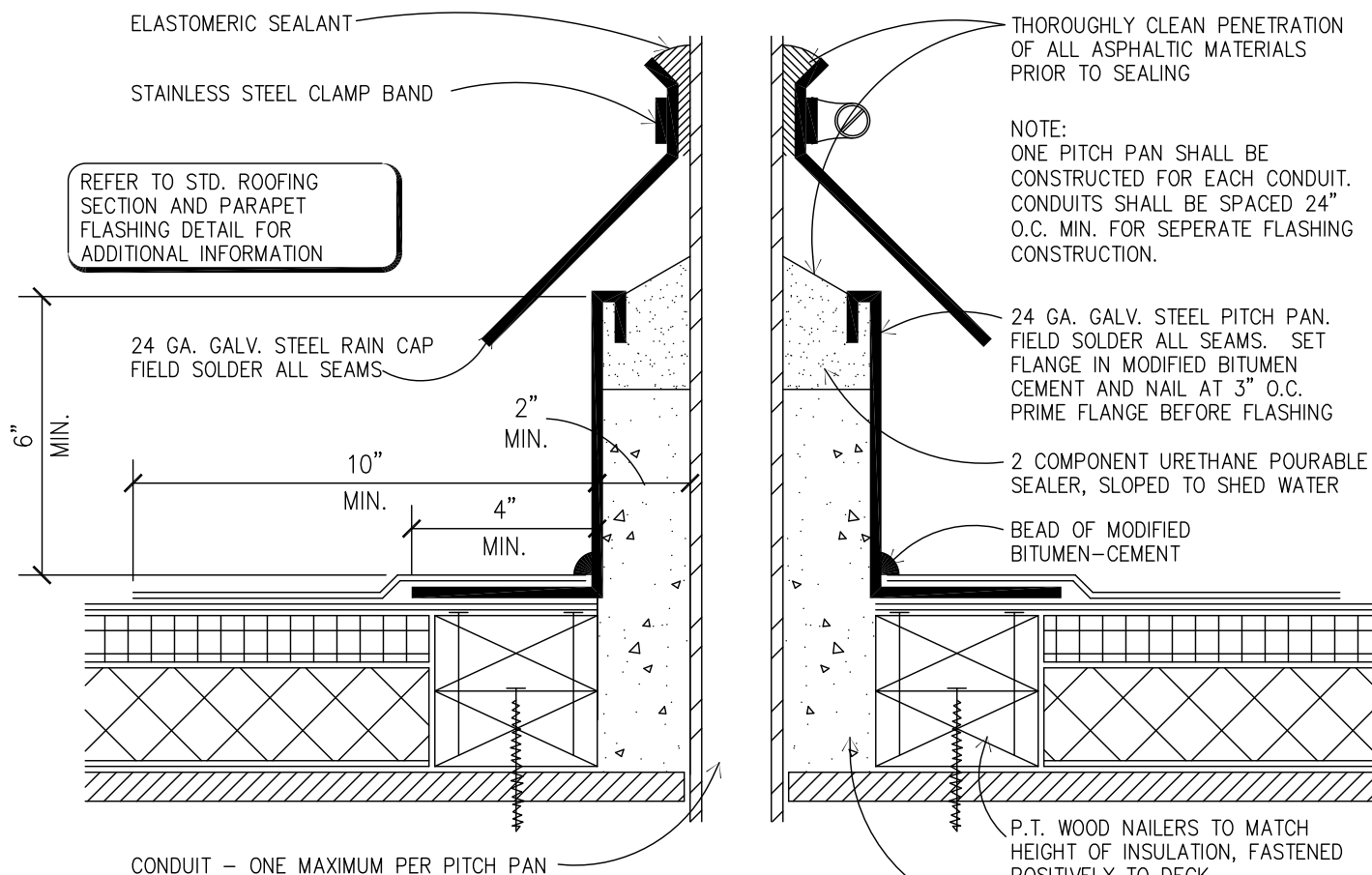
**2 STANDARD BASE FLASHING CONFIGURATION**  
SCALE: 3" = 1'-0"



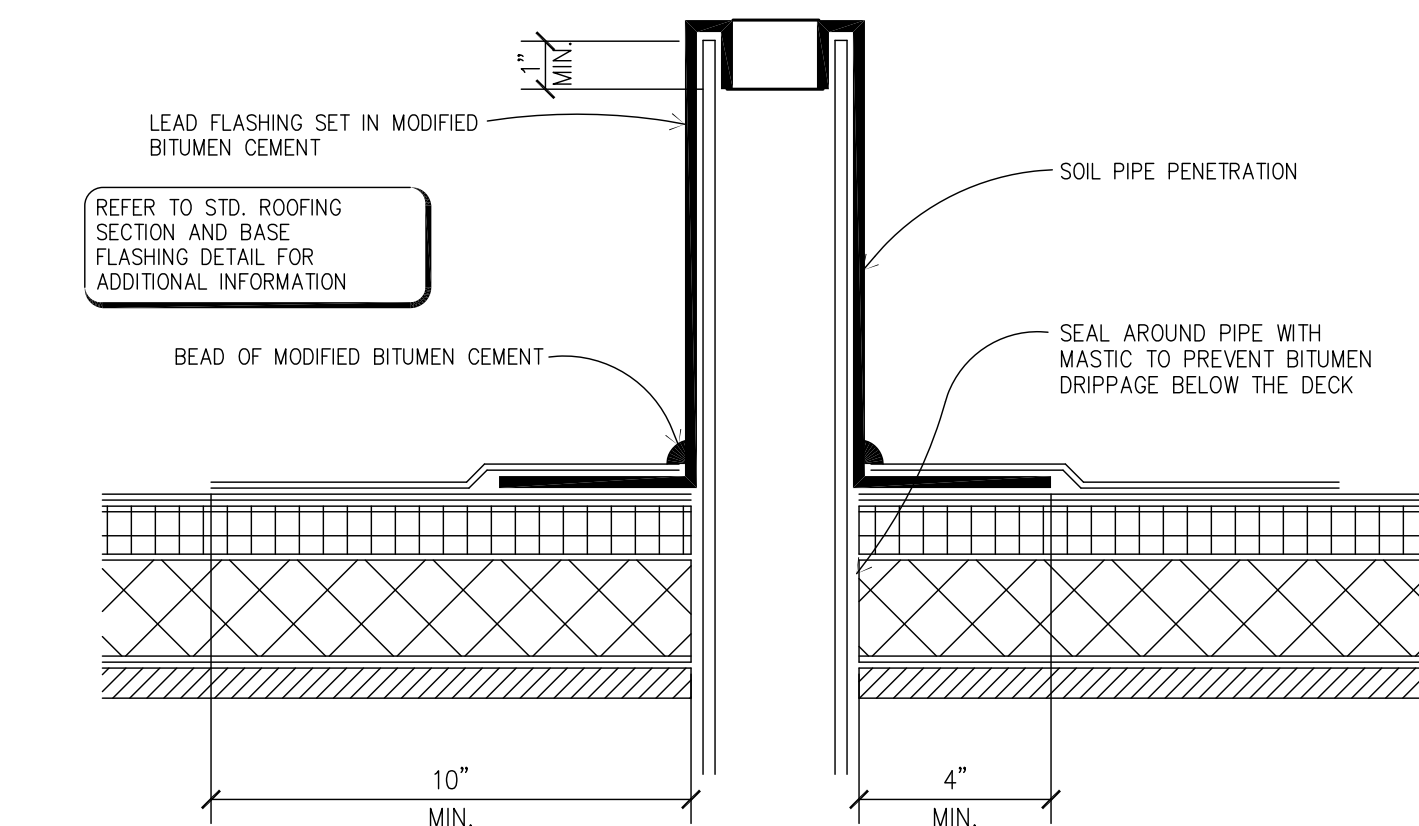
**3 TYPICAL CRICKET DETAIL**  
SCALE: 3" = 1'-0"



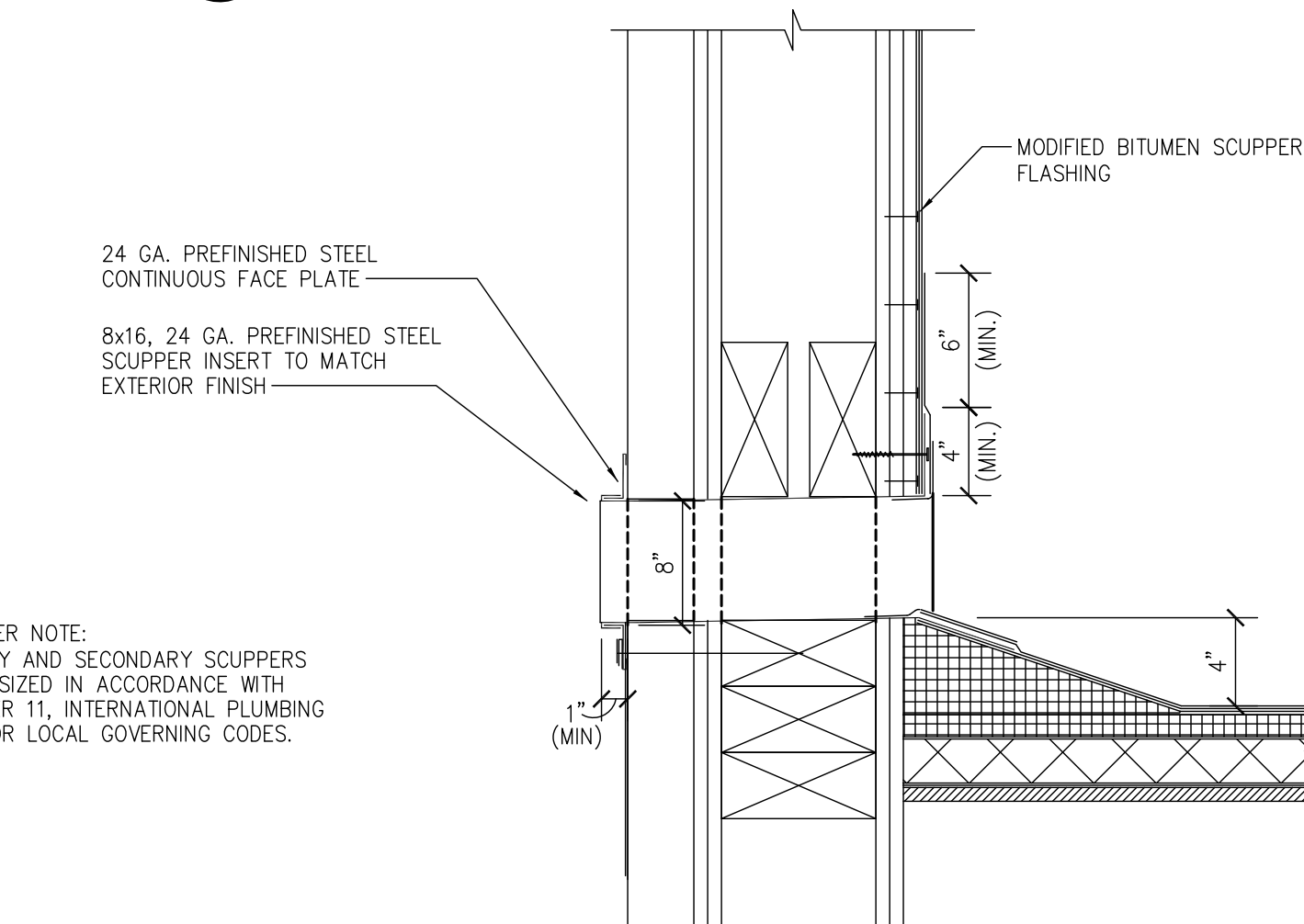
**4 PRIMARY SCUPPER & ROOF GUTTER DETAIL**  
SCALE: 3" = 1'-0"



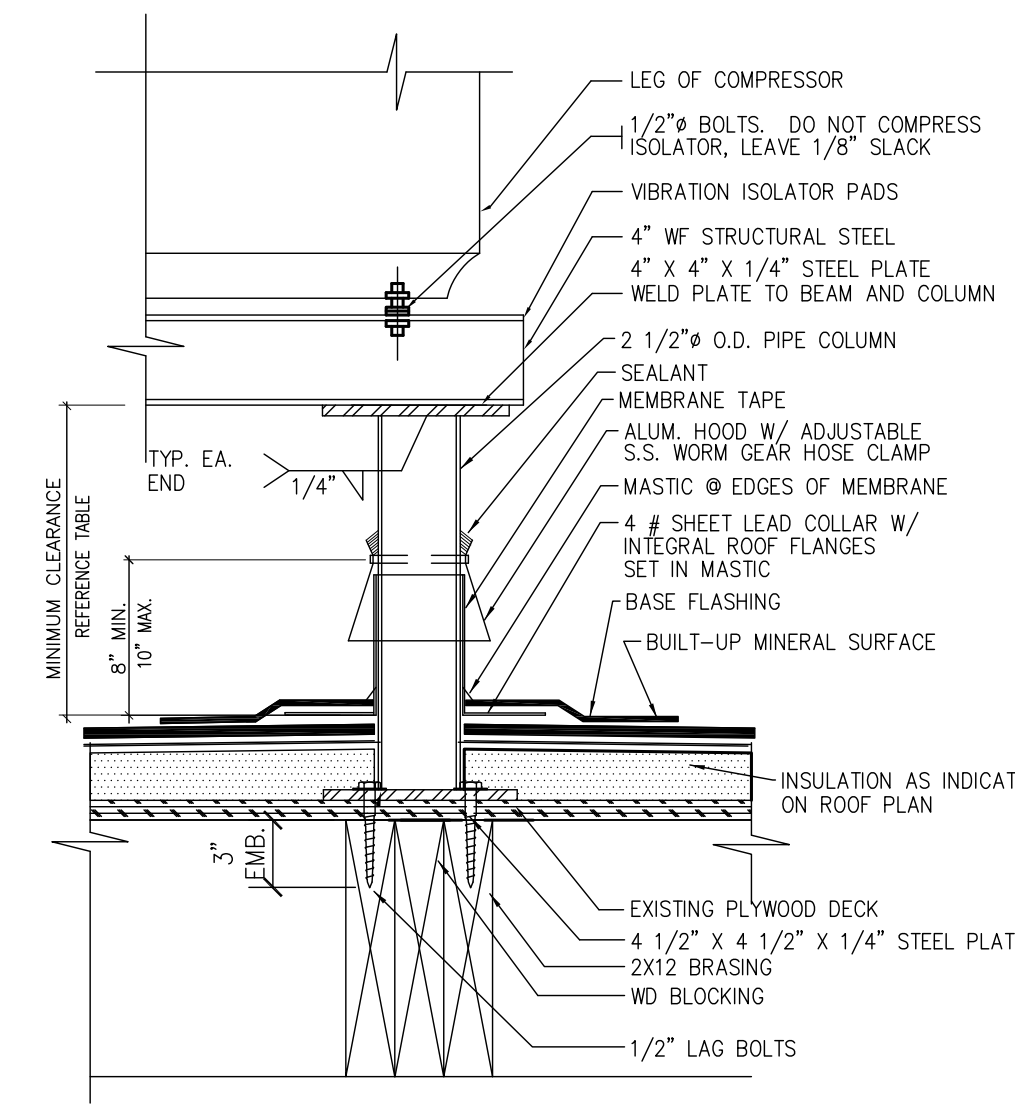
**5 PITCH PAN DETAIL**  
SCALE: 3" = 1'-0"



**6 SOIL PIPE FLASHING DETAIL**  
SCALE: 3" = 1'-0"



**7 OVERFLOW SCUPPER DETAIL**  
SCALE: 3" = 1'-0"

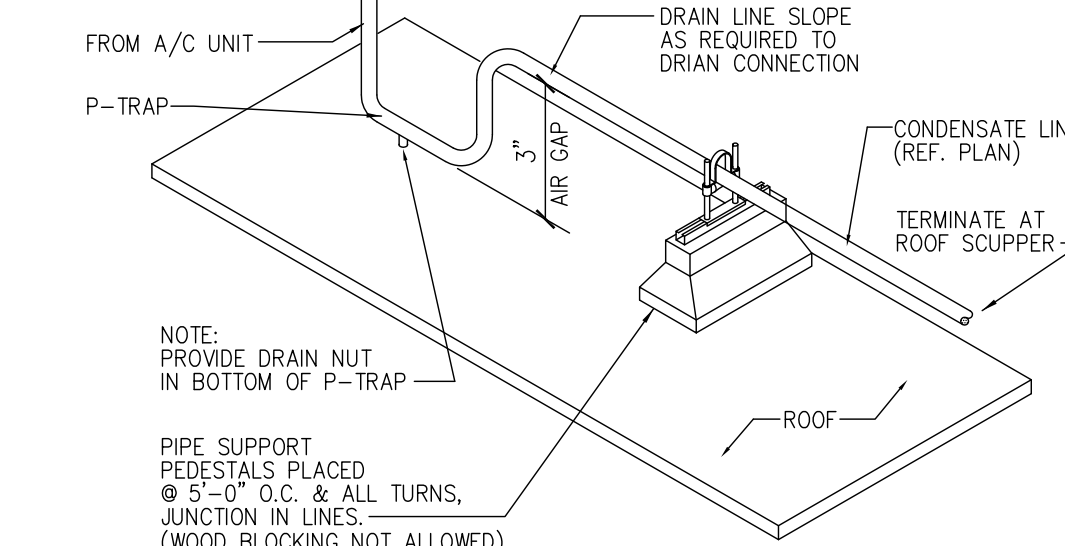


**9 EQUIPMENT STAND DETAIL**  
SCALE: 3" = 1'-0"

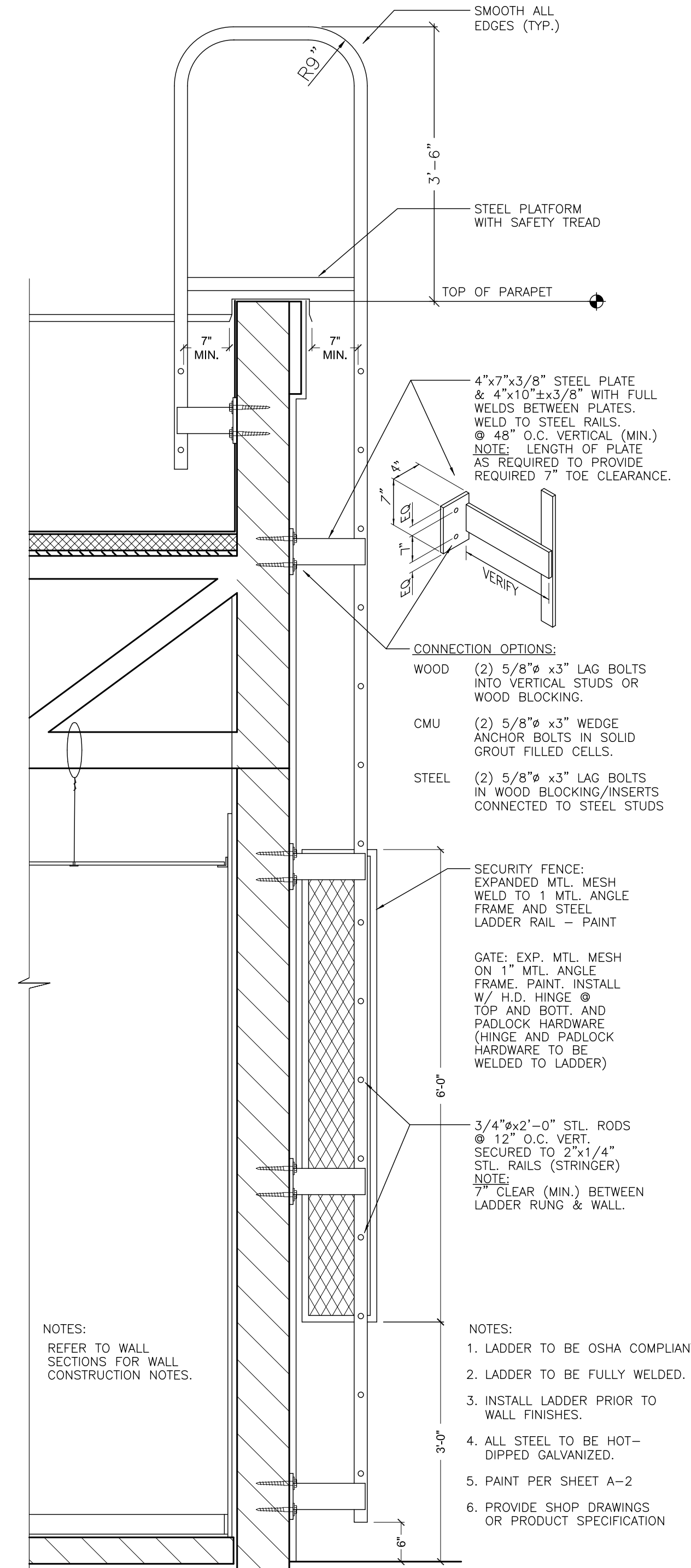
VERIFY W/ EQUIPMENT SUPPLIER IF IN CONTRACT.

CLEARANCE BELOW RAISED ROOF MOUNTED MECHANICAL UNITS (INCHES)

WIDTH OF UNIT	MINIMUM CLEARANCE ABOVE ROOF SURFACE
< 24	14
24 < 36	18
36 < 48	24
48 < 60	30
> 60	48

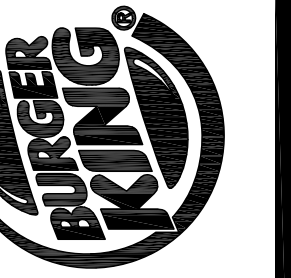


**8 CONDENSATE LINE SUPPORT DETAIL**  
SCALE: NONE



**10 ROOF LADDER DETAIL**  
SCALE: 3/4" = 1'-0"

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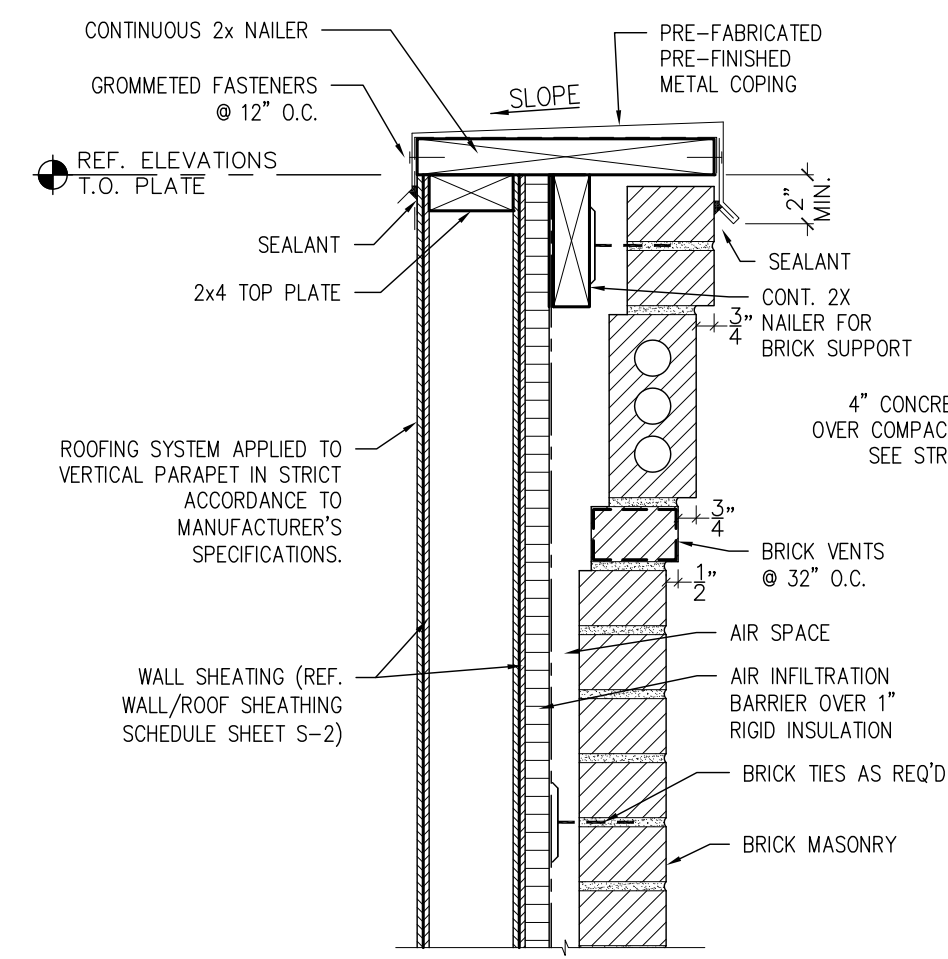
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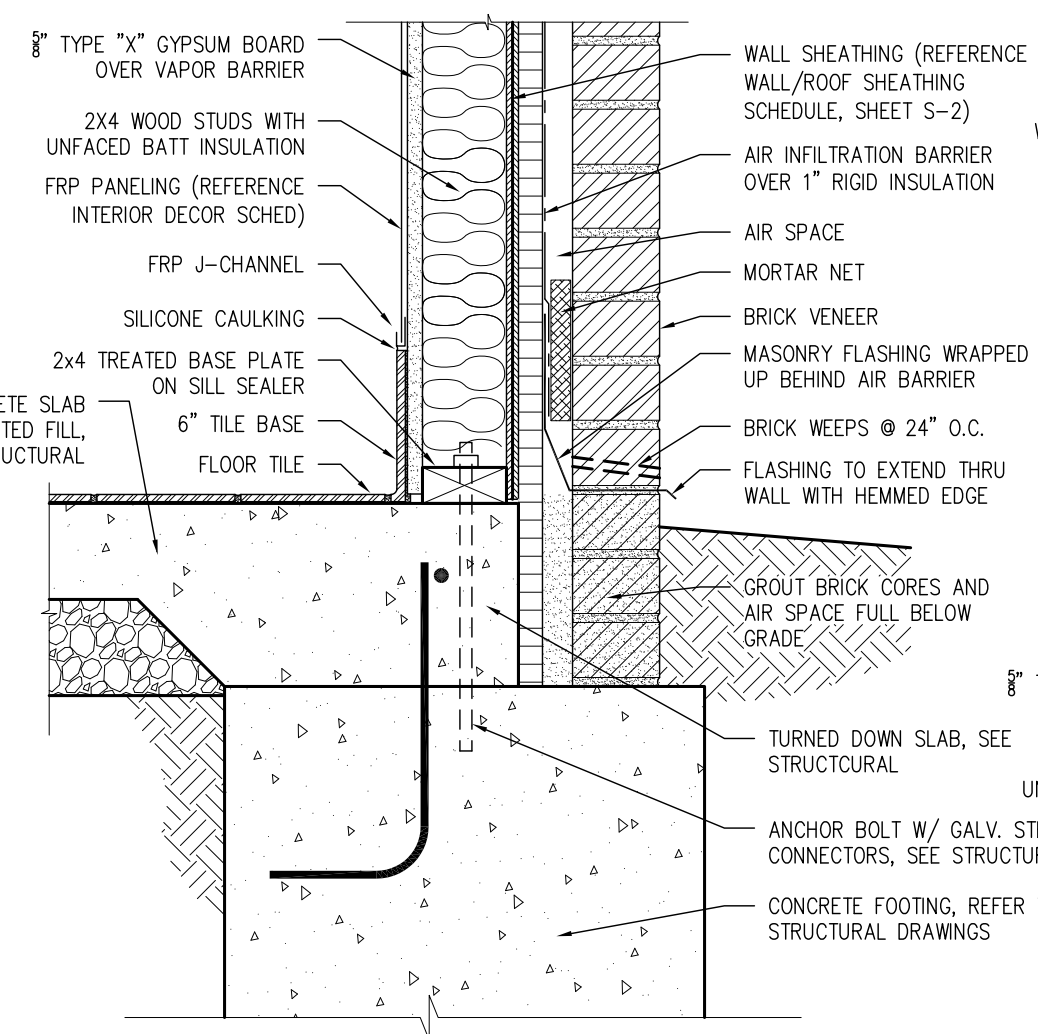


PROJECT #: 18004  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
ROOF PLAN AND DETAILS

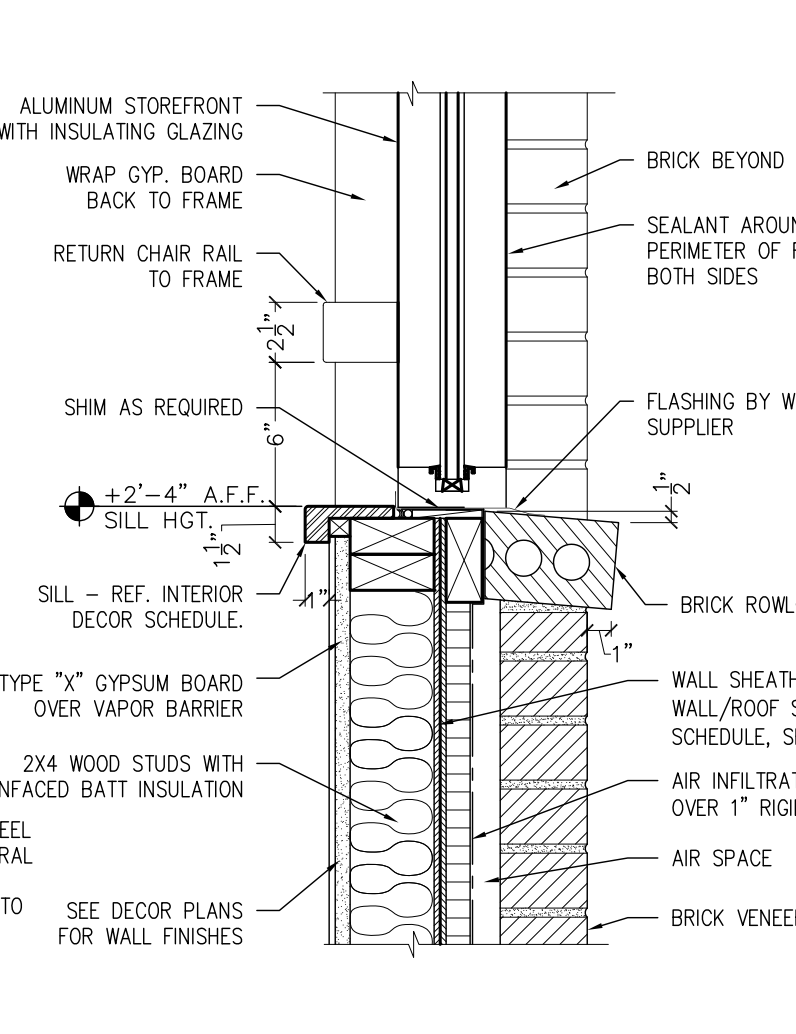




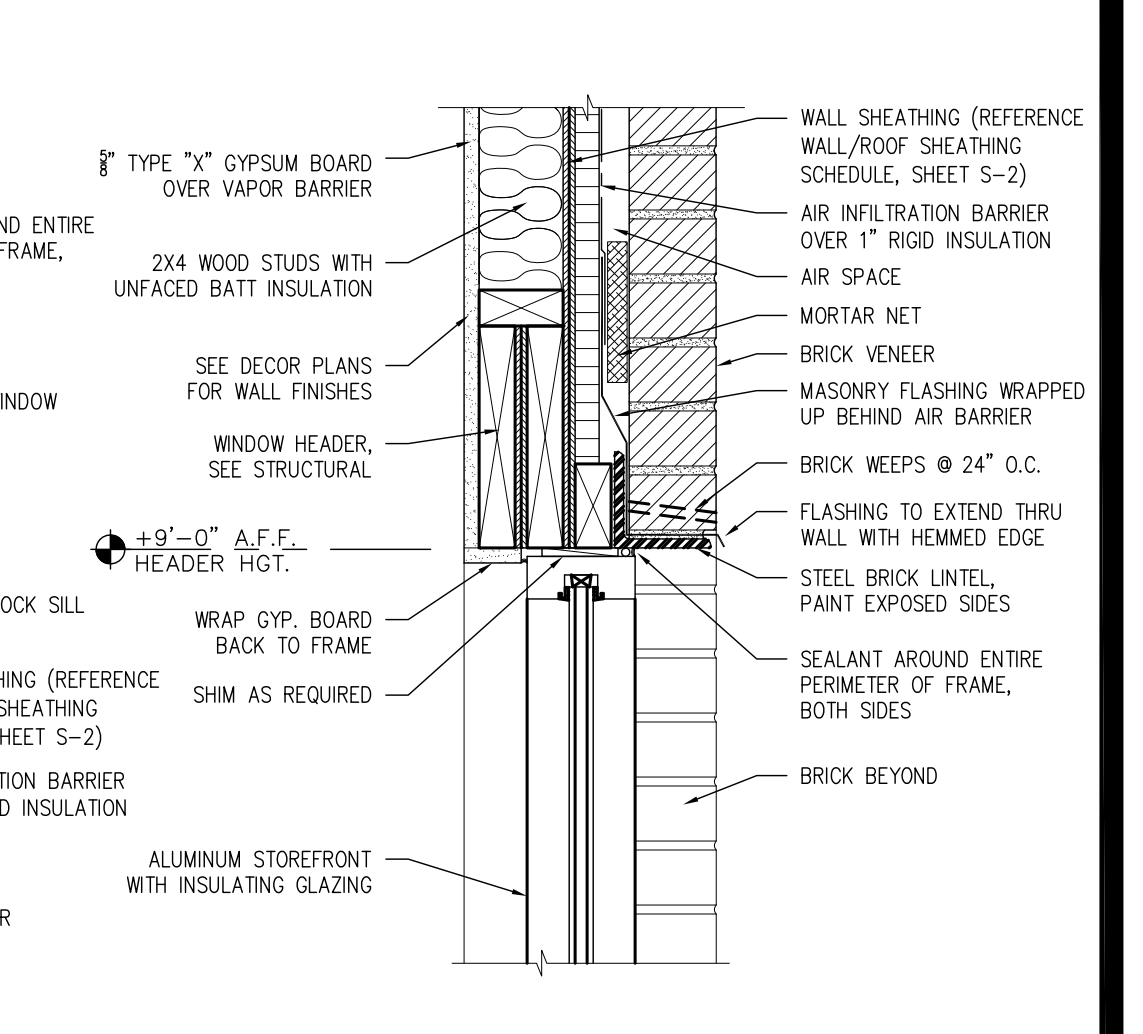
**B PARAPET CAP DETAIL**  
SCALE: 1 1/2" = 1'-0"



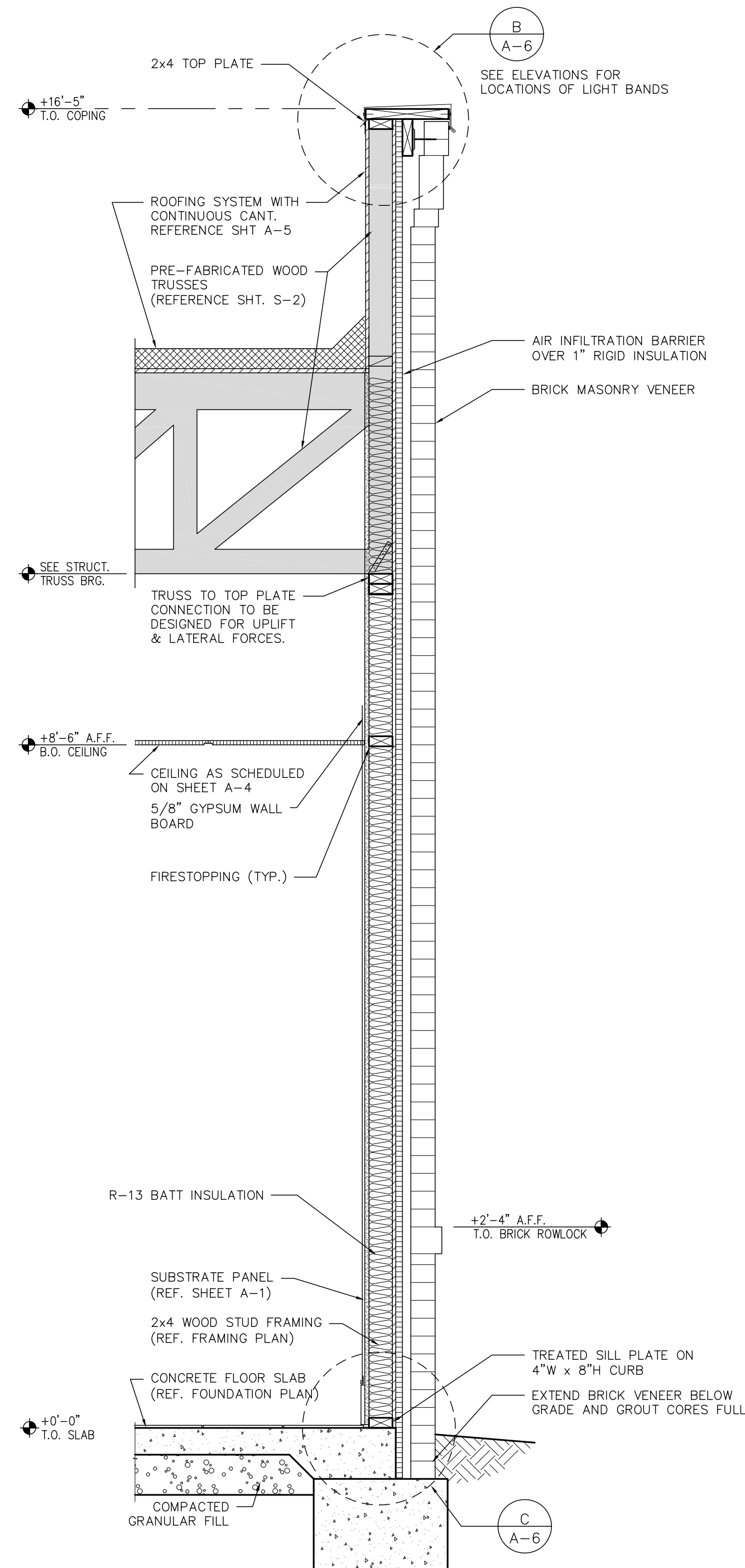
**C 2x4 WALL BASE**  
SCALE: 1 1/2" = 1'-0"



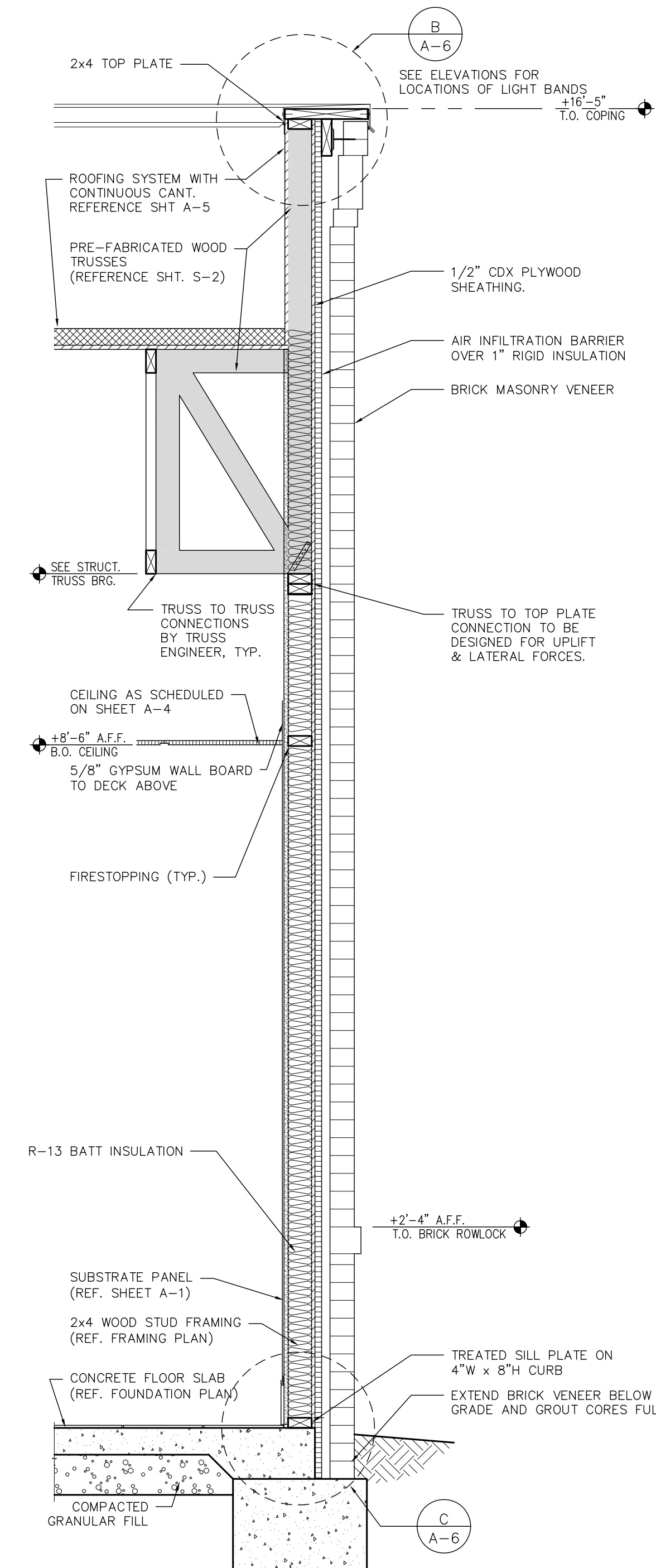
**D SILL DETAIL**  
SCALE: 1 1/2" = 1'-0"



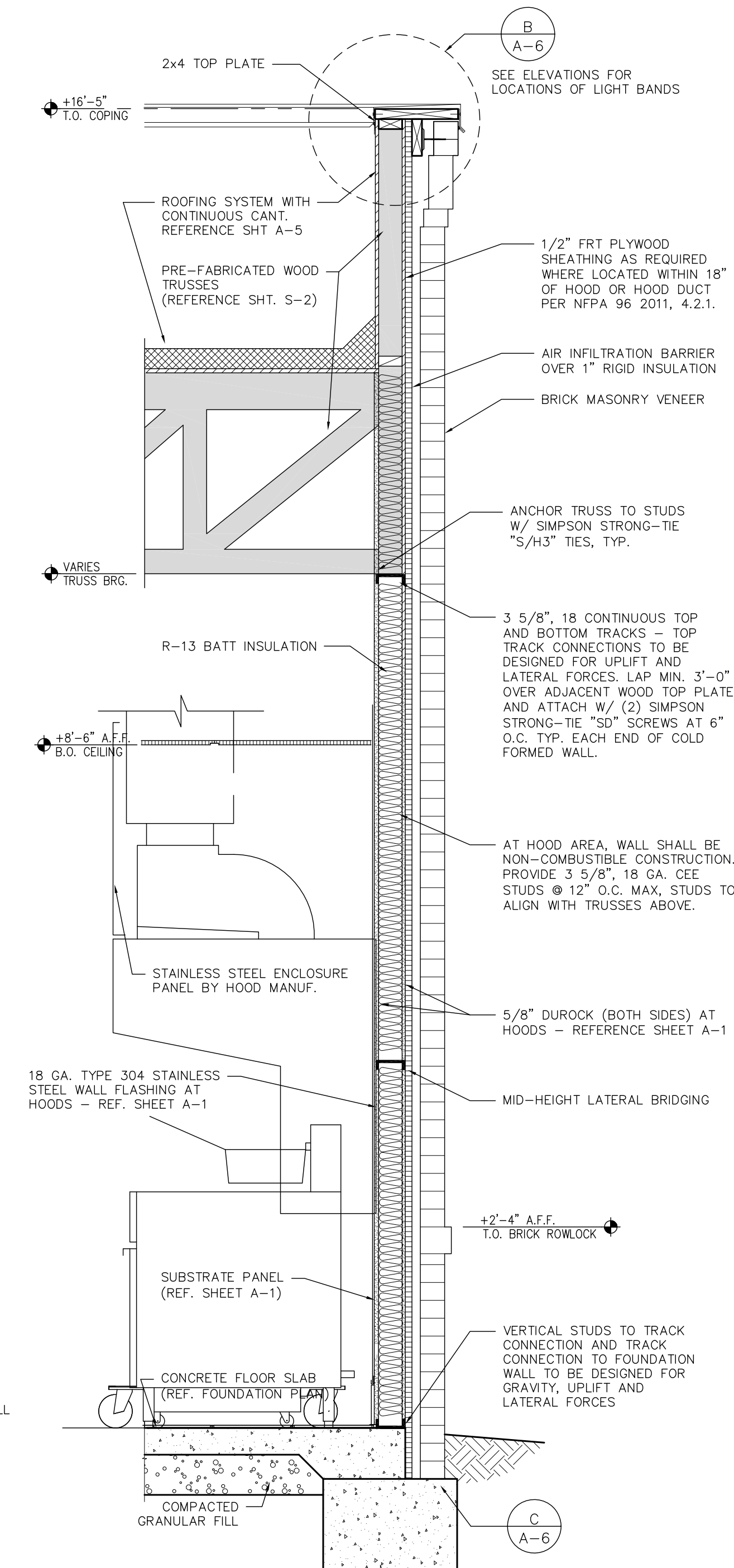
**E HEADER DETAIL**  
SCALE: 1 1/2" = 1'-0"



**1 KITCHEN SIDE WALL**  
SCALE: 3/4" = 1'-0"



**2 REAR KITCHEN WALL**  
SCALE: 3/4" = 1'-0"



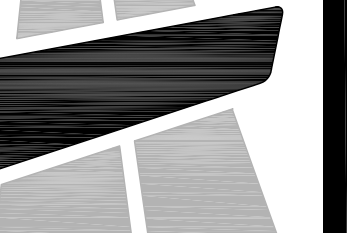
**3 KITCHEN HOOD WALL**  
SCALE: 3/4" = 1'-0"

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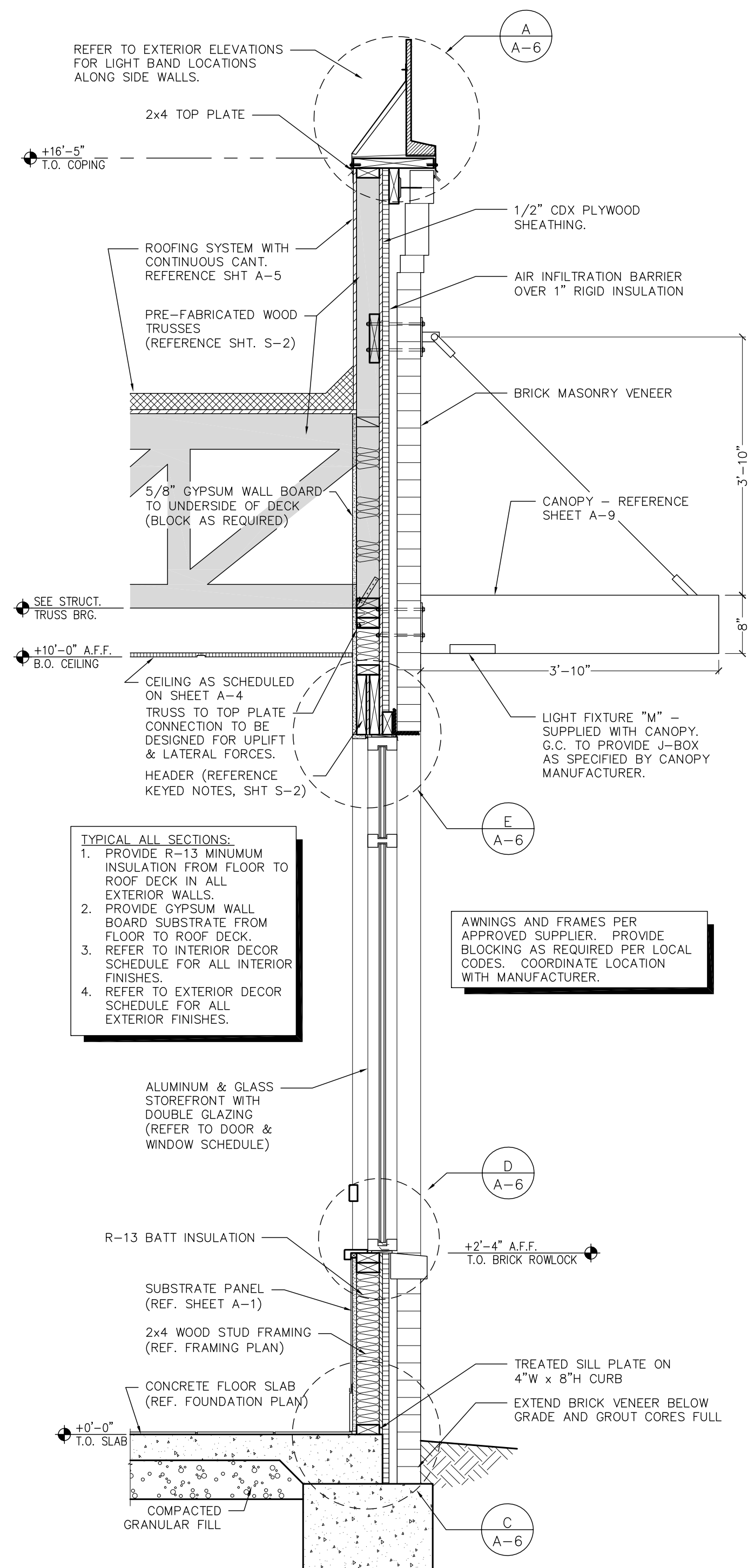


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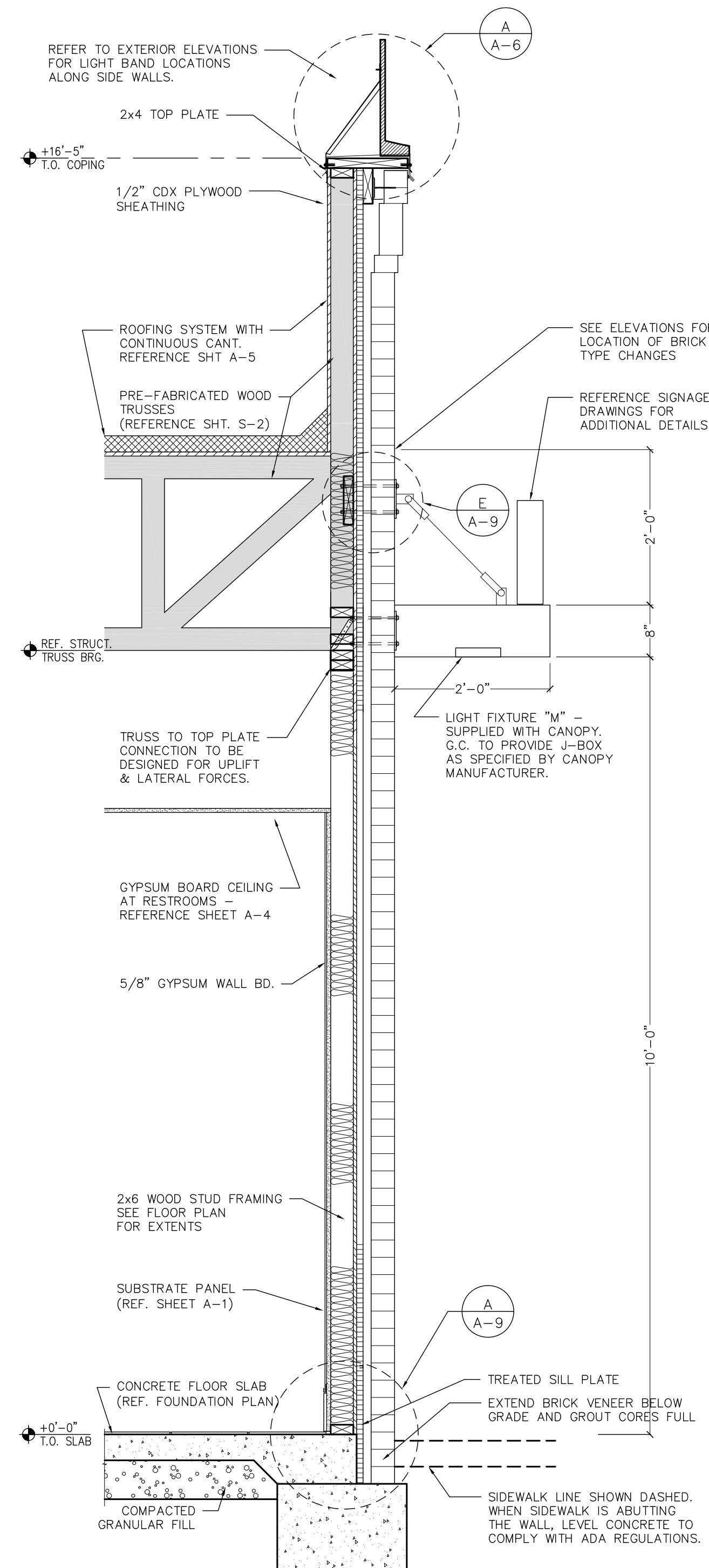
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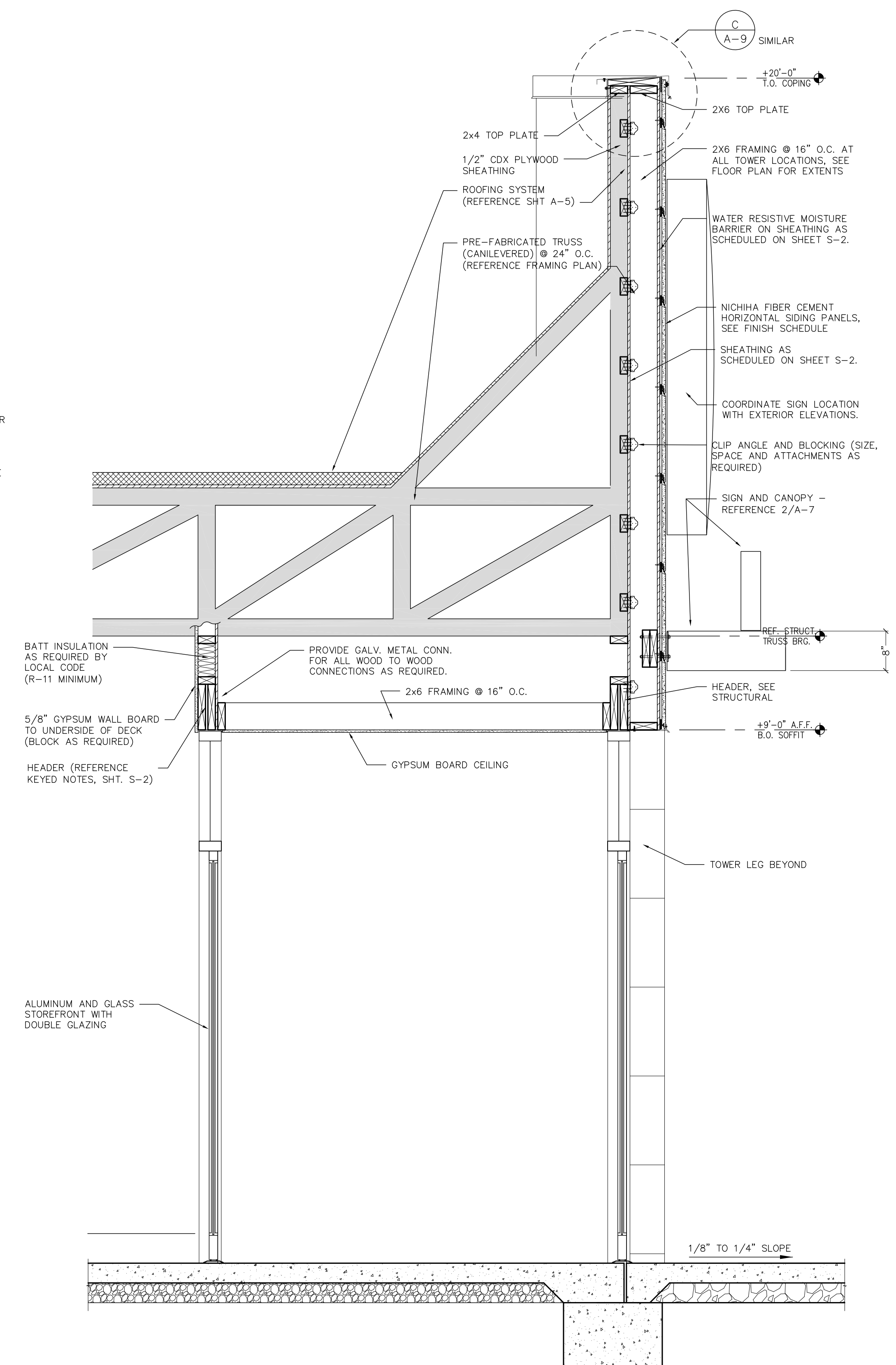
PROJECT #: 180004  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
WALL SECTIONS AND DETAILS



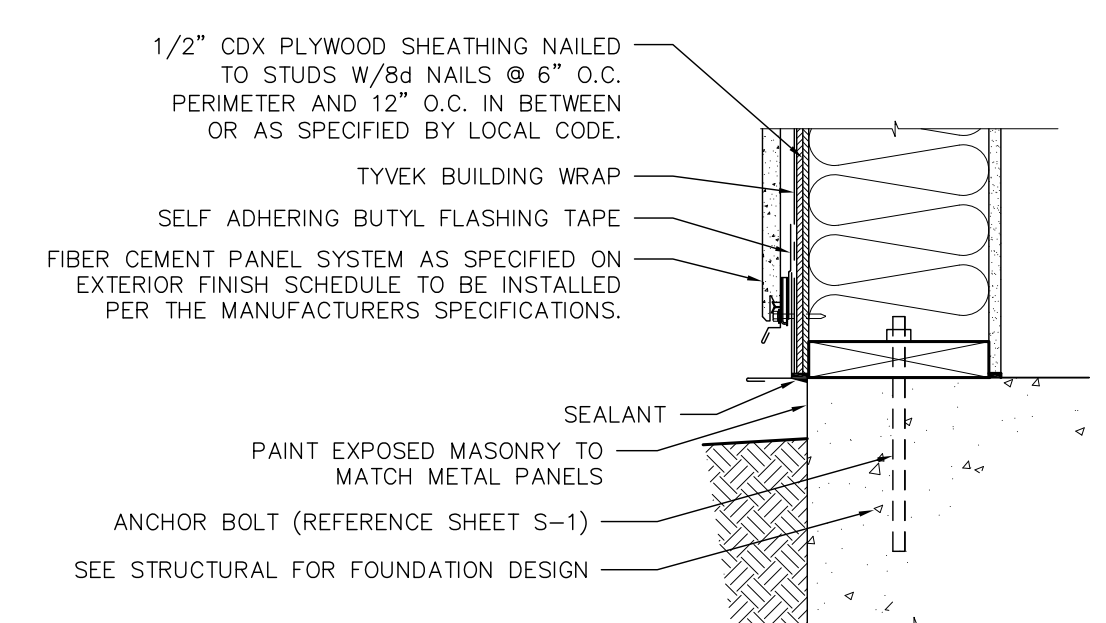
**1 DINING ROOM SIDE WALL**  
SCALE: 3/4" = 1'-0"



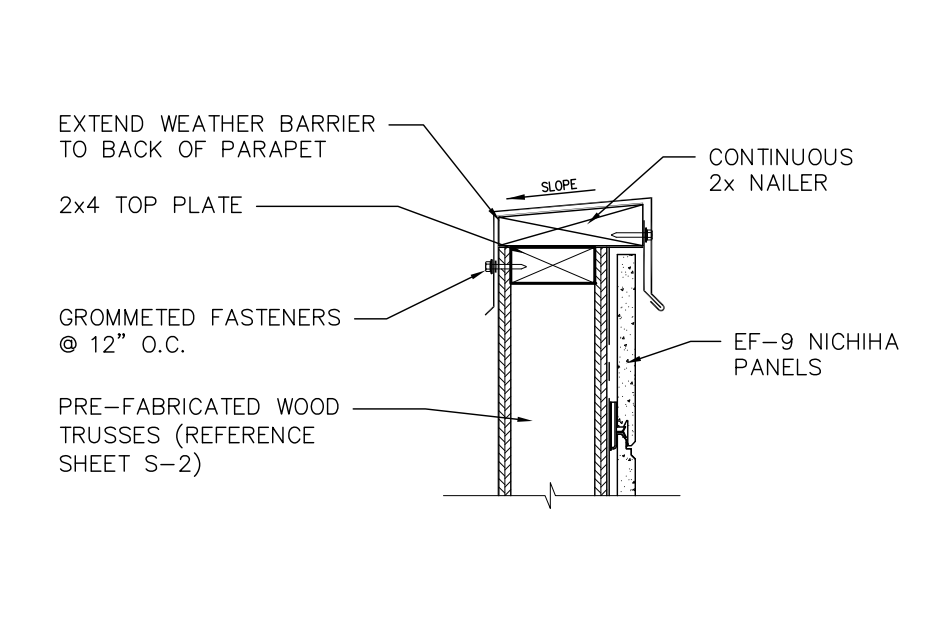
**2 SIDE WALL AT RESTROOM**  
SCALE: 3/4" = 1'-0"



**3 MAIN ENTRY TOWER**  
SCALE: 3/4" = 1'-0"



**A NICHHA TERMINATION @ GRADE**  
SCALE: 1 1/2" = 1'-0"



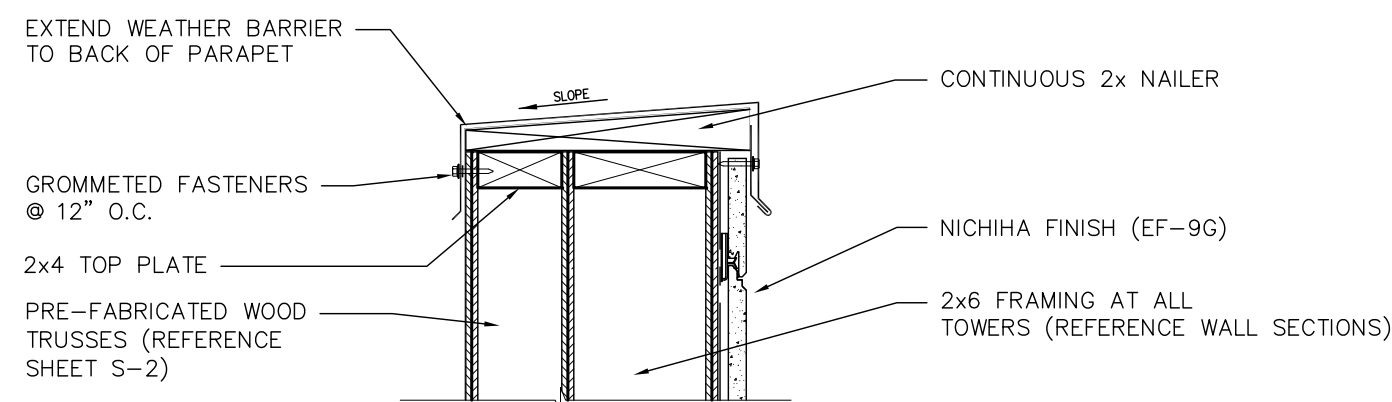
**B PARAPET CAP DETAIL**  
SCALE: 1 1/2" = 1'-0"

PROJECT #	180004
DATE	03/21/2018
NO.	1
CHECKED BY	SMC
REVISION	ISSUED FOR CONSTRUCTION
DATE	03/21/2018

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GPS HOSPITALITY  
2100 RIVEREDGE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

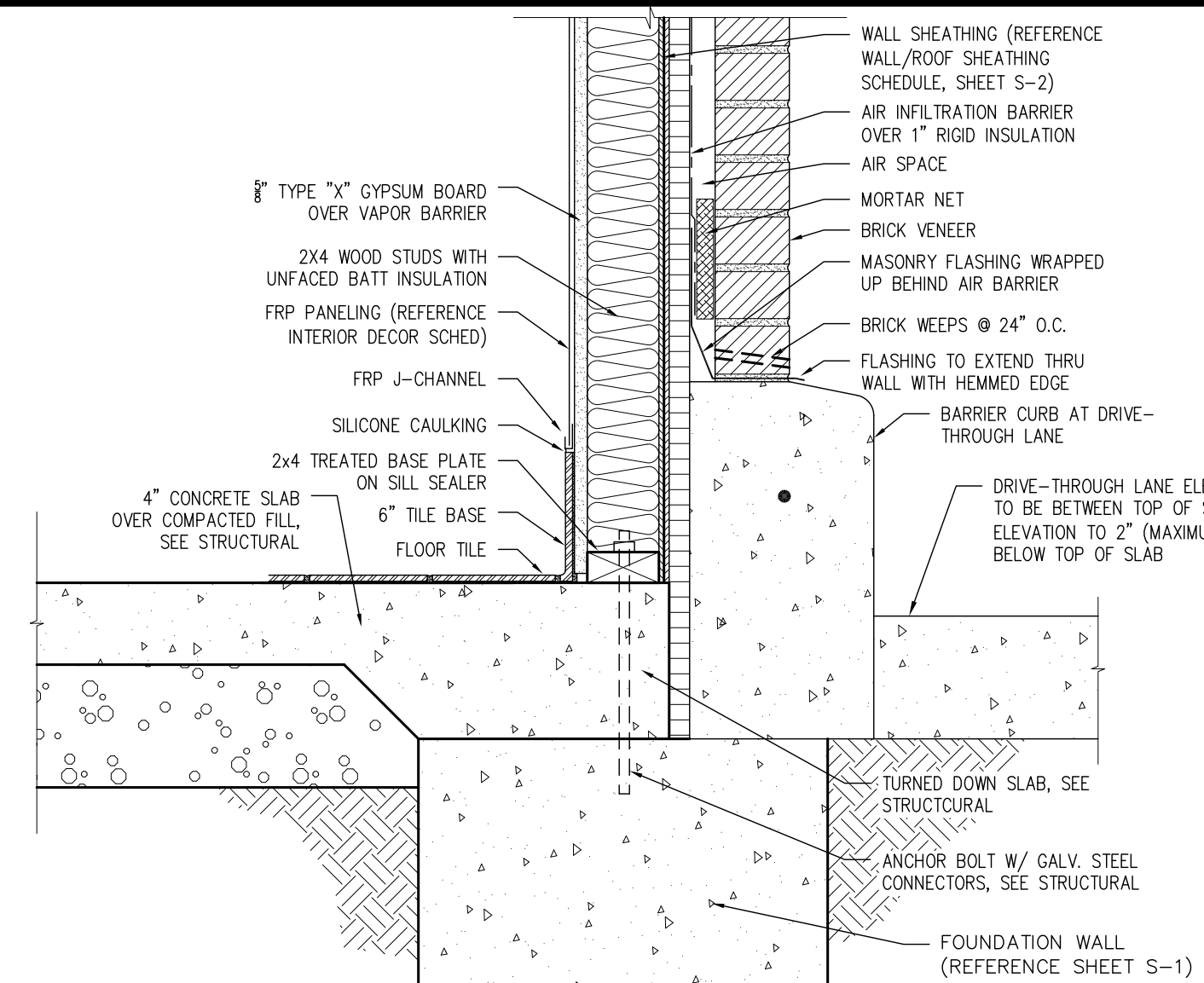
**CURRAN ARCHITECTURE**  
5719 LAWTON LOOP E. DR. #212  
INDIANAPOLIS, IN 46216  
O :: 317.288.0681  
F :: 317.288.0753

**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225



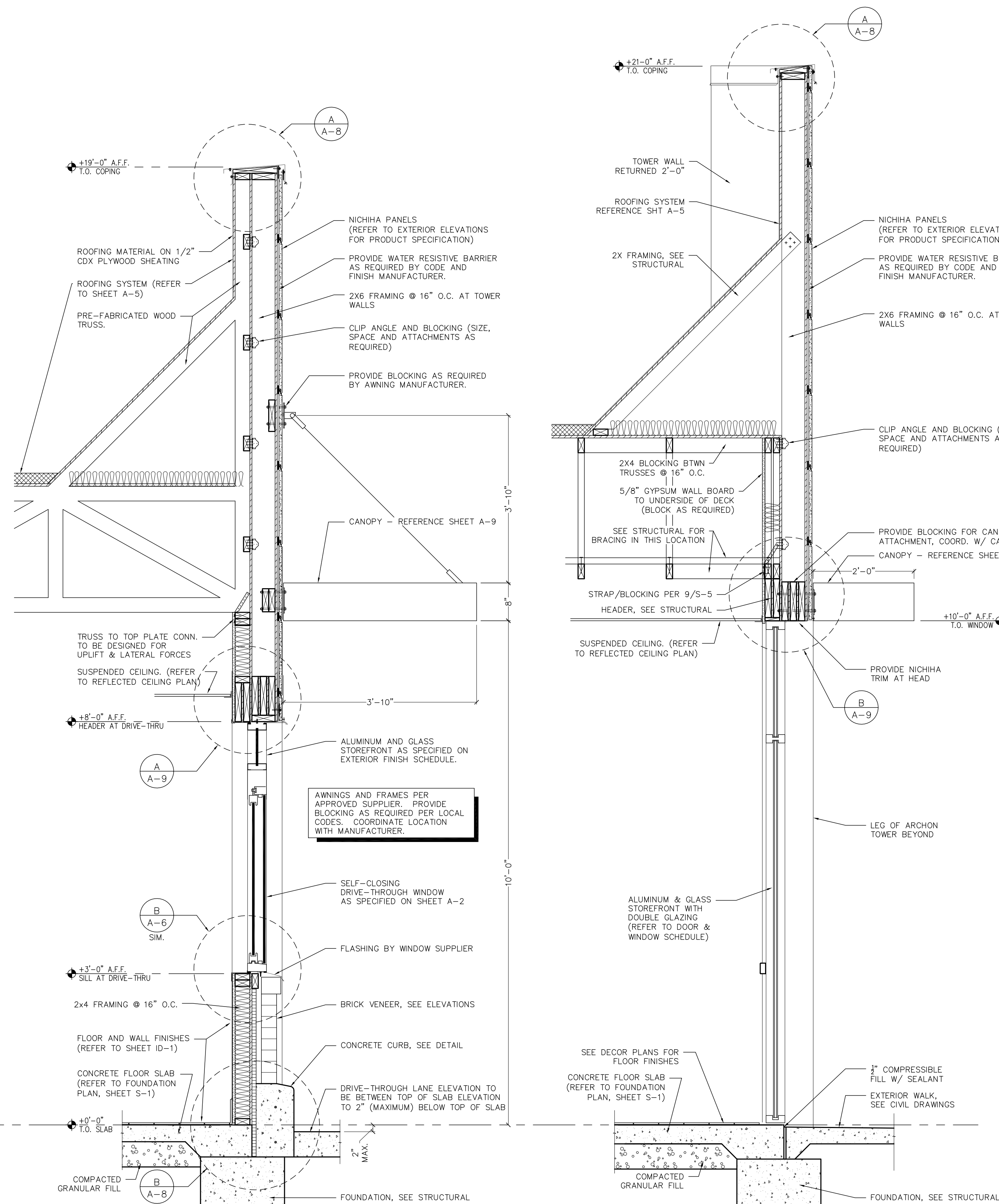
**A PARAPET CAP DETAIL**

SCALE: 1 1/2" = 1'-0"



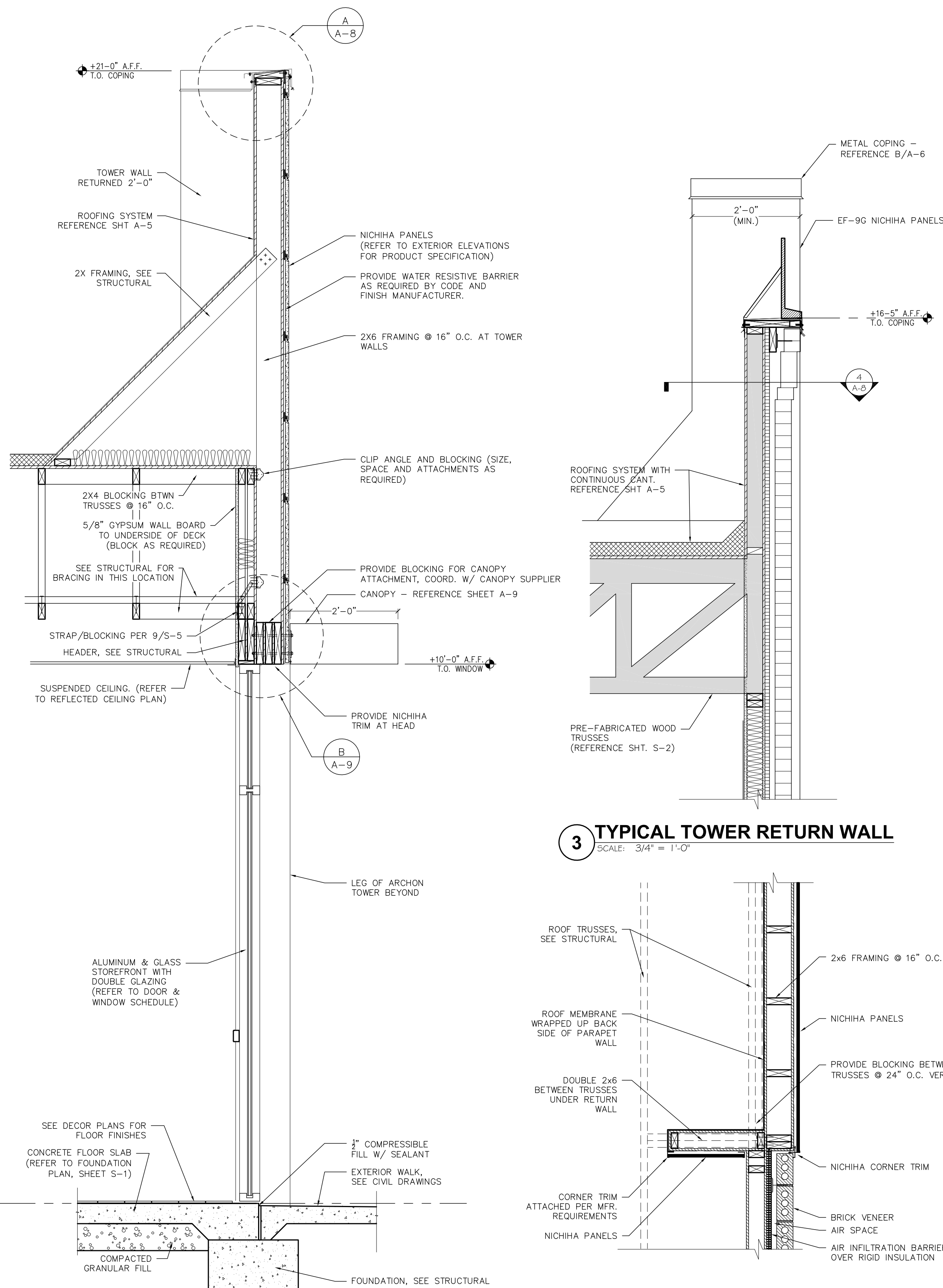
**B DRIVE-THRU WINDOW WALL BASE**

SCALE: 1 1/2" = 1'-0"



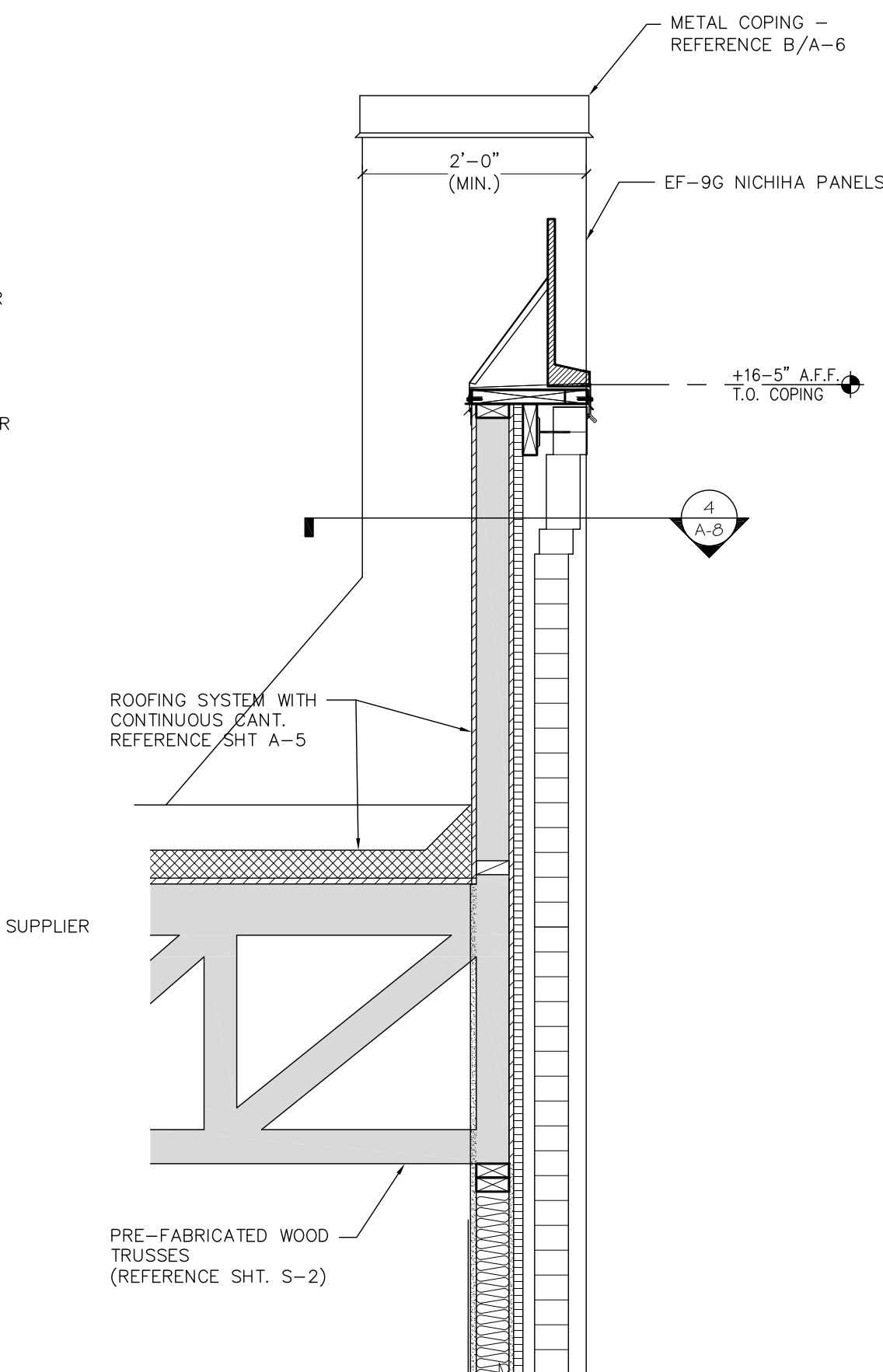
**1 DRIVE-THRU WINDOW WALL**

SCALE: 3/4" = 1'-0"



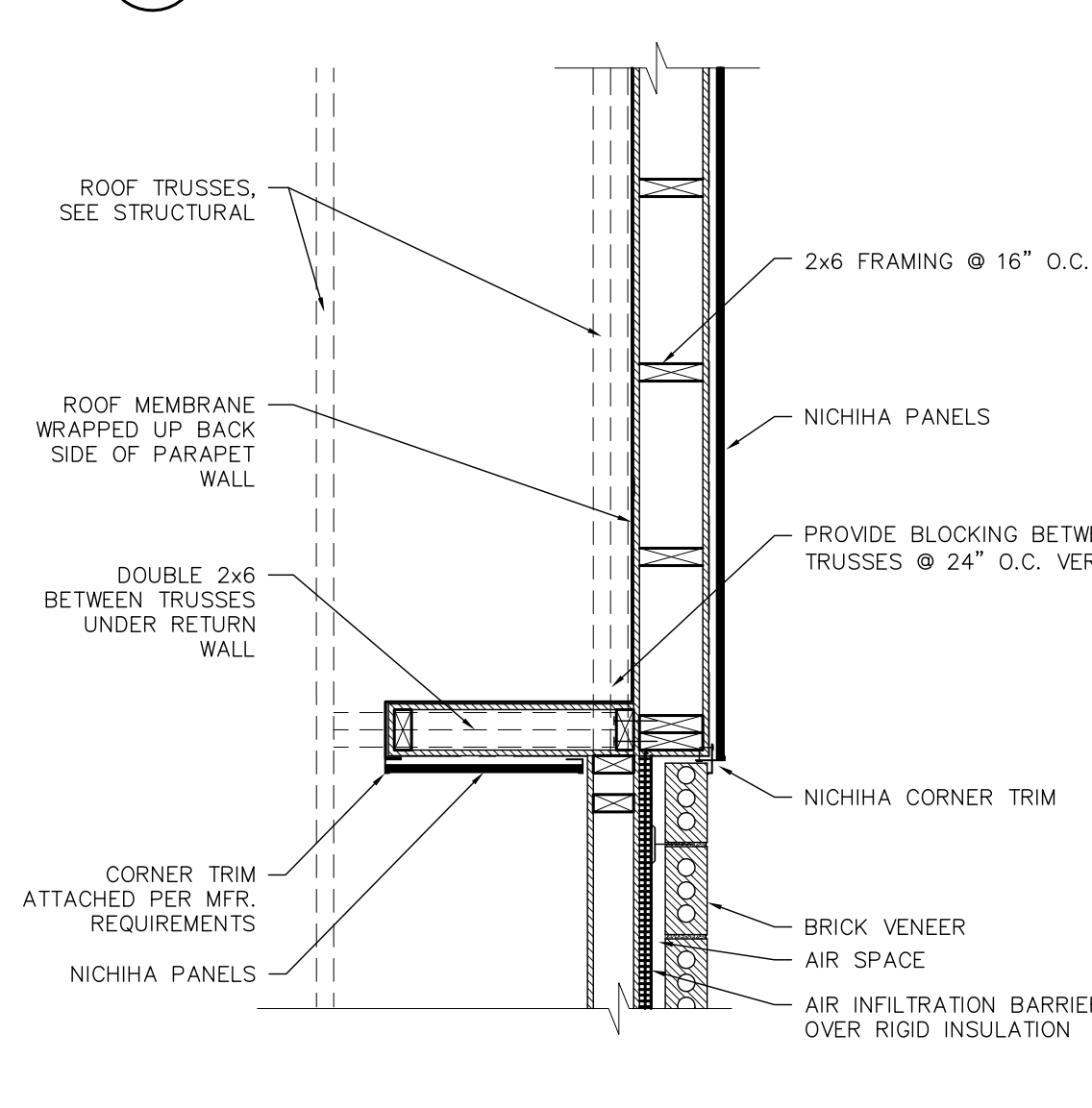
**2 FRONT DINING ROOM WALL**

SCALE: 3/4" = 1'-0"



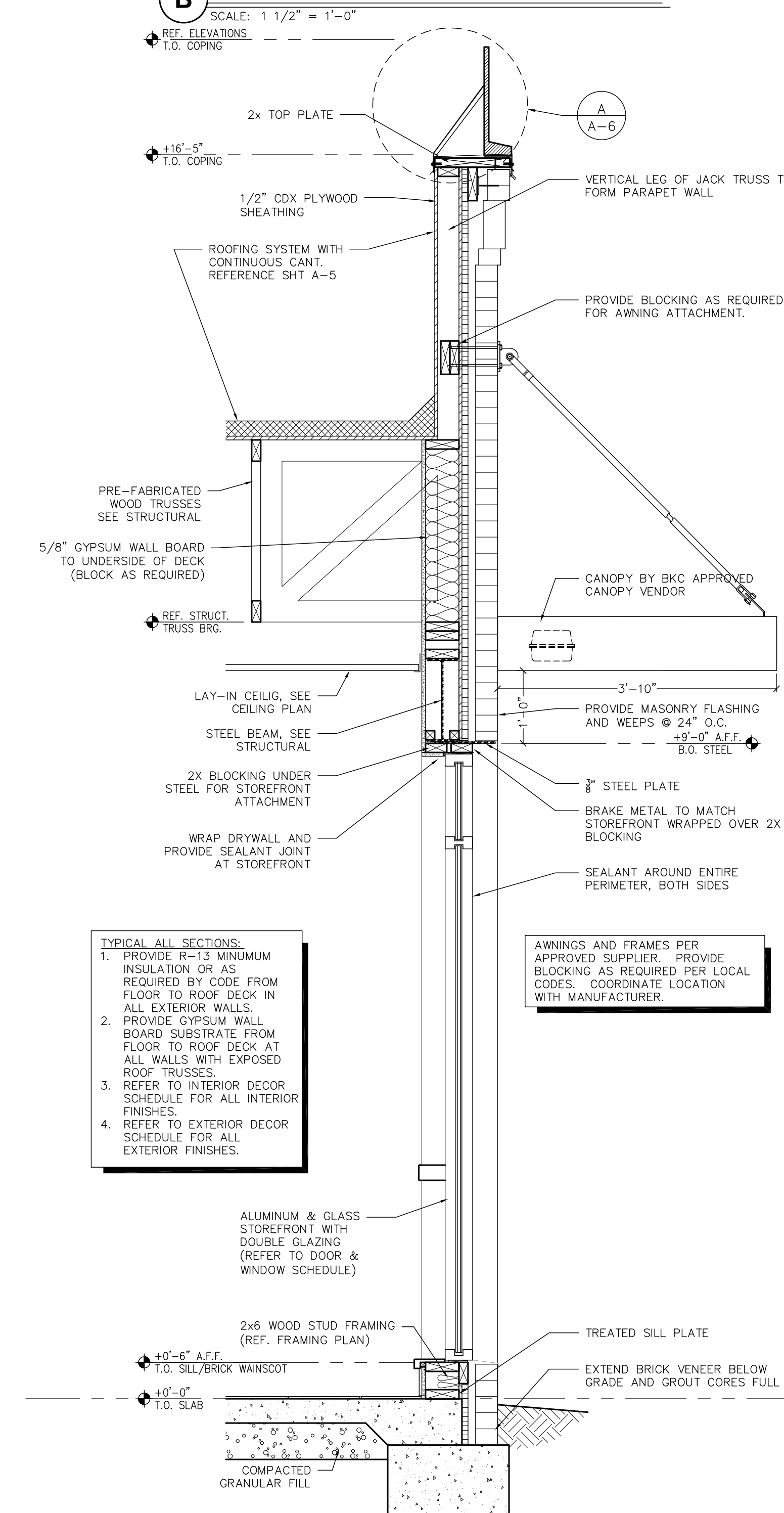
**3 TYPICAL TOWER RETURN WALL**

SCALE: 3/4" = 1'-0"



**4 SECTION (PLAN) AT TYPICAL TOWER RETURN WALL**

SCALE: 3/4" = 1'-0"



**5 DINING ROOM FRONT WALL**

SCALE: 3/4" = 1'-0"

- TYPICAL ALL SECTIONS:**
1. PROVIDE R-13 MINIMUM INSULATION OR AS REQUIRED BY CODE FROM FLOOR TO ROOF DECK IN ALL EXTERIOR WALLS.
  2. PROVIDE GYPSUM WALL BOARD SUBSTRATE FROM FLOOR TO ROOF DECK AT ALL WALLS WITH EXPOSED ROOF TRUSSES.
  3. REFER TO INTERIOR DECOR SCHEDULE FOR ALL INTERIOR FINISHES.
  4. REFER TO EXTERIOR DECOR SCHEDULE FOR ALL EXTERIOR FINISHES.

AWNINGS AND FRAMES PER APPROVED SUPPLIER. PROVIDE BLOCKING AS REQUIRED PER LOCAL CODES. COORDINATE LOCATION WITH MANUFACTURER.

PROJECT #	180004
DATE	03.21.2018
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ISSUED FOR CONSTRUCTION	
REVISION	
CHECKED BY: SMC	
DRAWN BY: DWJ	
DATE	03-21-2018

**BURGER KING**

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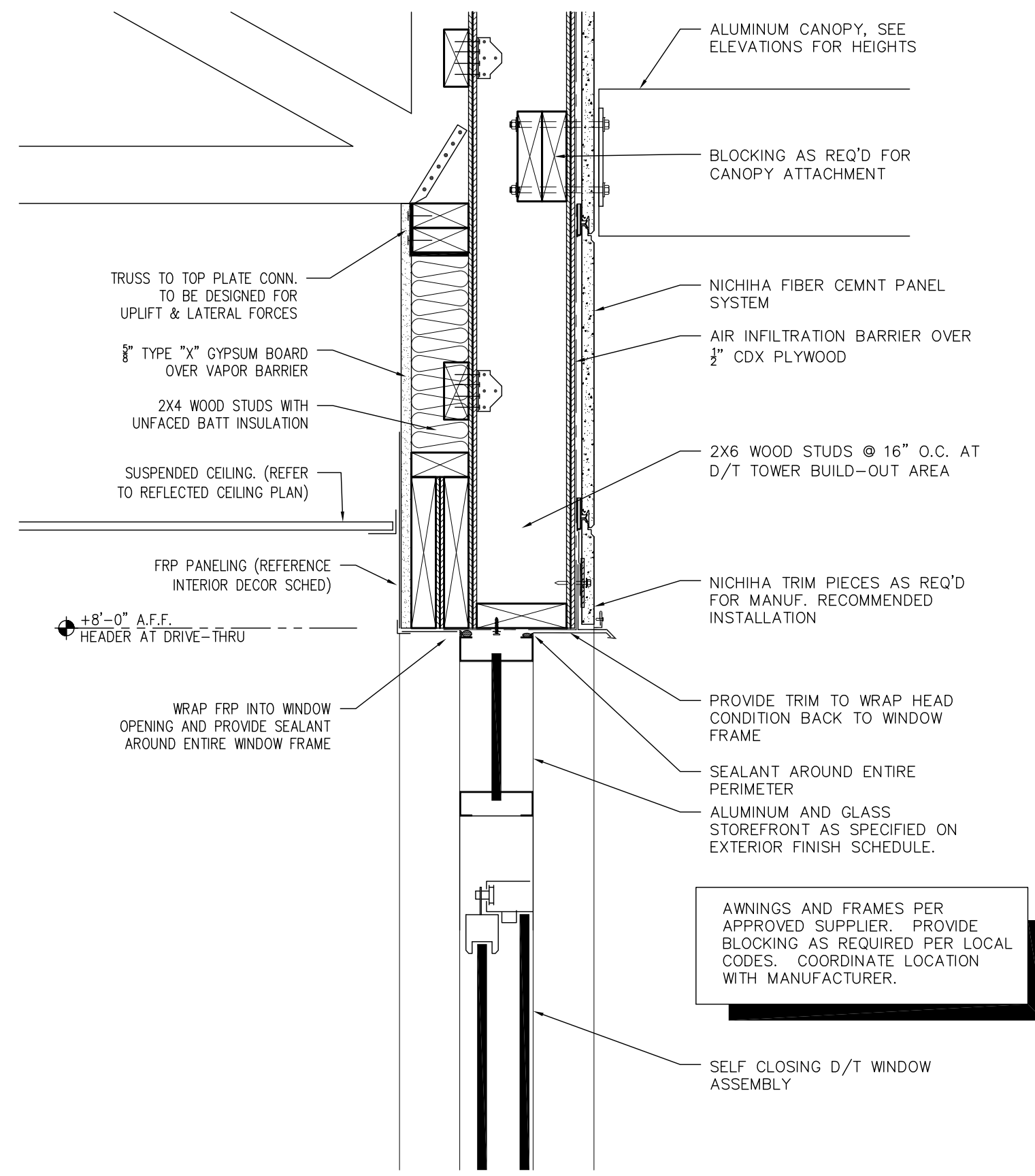
**CURRAN ARCHITECTURE**

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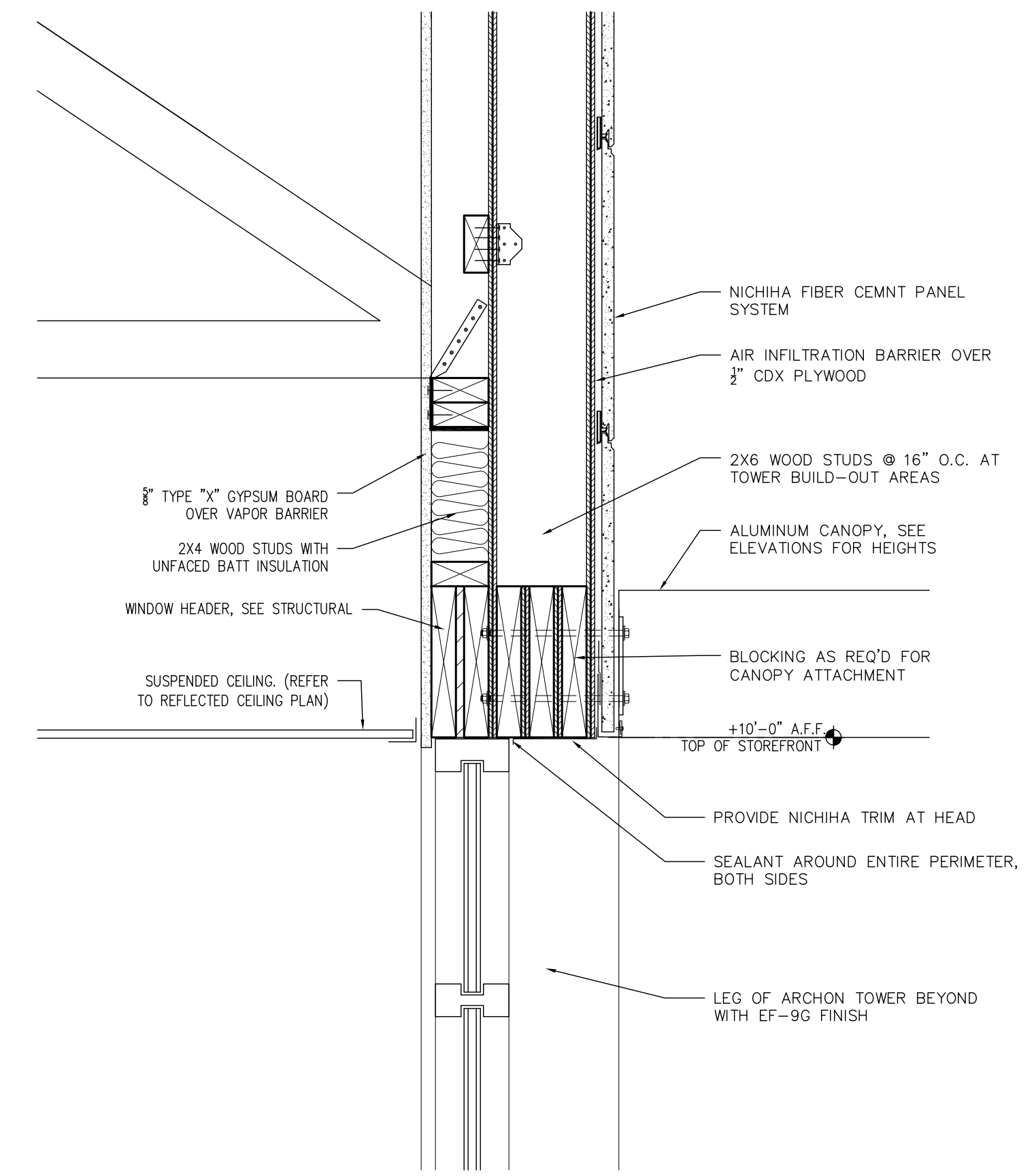
REGISTERED ARCHITECT PROFESSIONAL SEAL

**BURGER KING RESTAURANT**

771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225



**A D/T WINDOW HEAD DETAIL**  
SCALE: 1-1/2" = 1'-0"



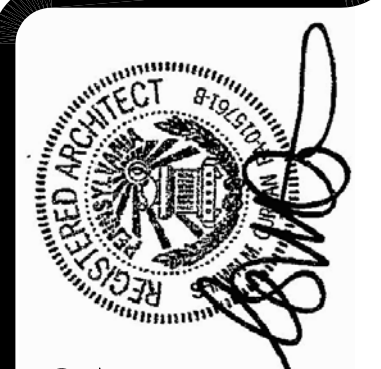
**B WINDOW HEAD DETAIL**  
SCALE: 1-1/2" = 1'-0"

NO.	DATE	REVISION	CHECKED BY: SMC
1	03.21.2018	ISSUED FOR CONSTRUCTION	

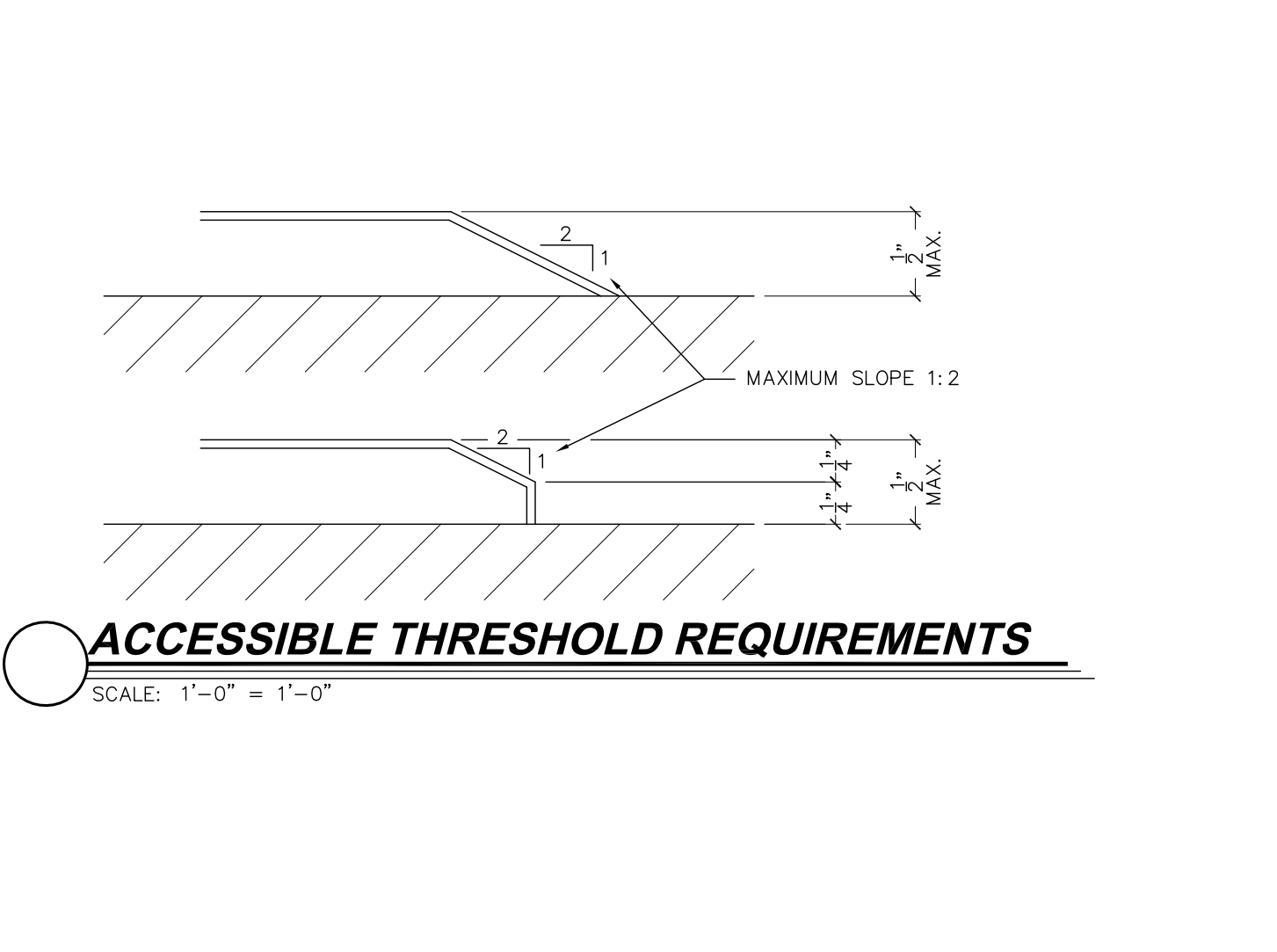
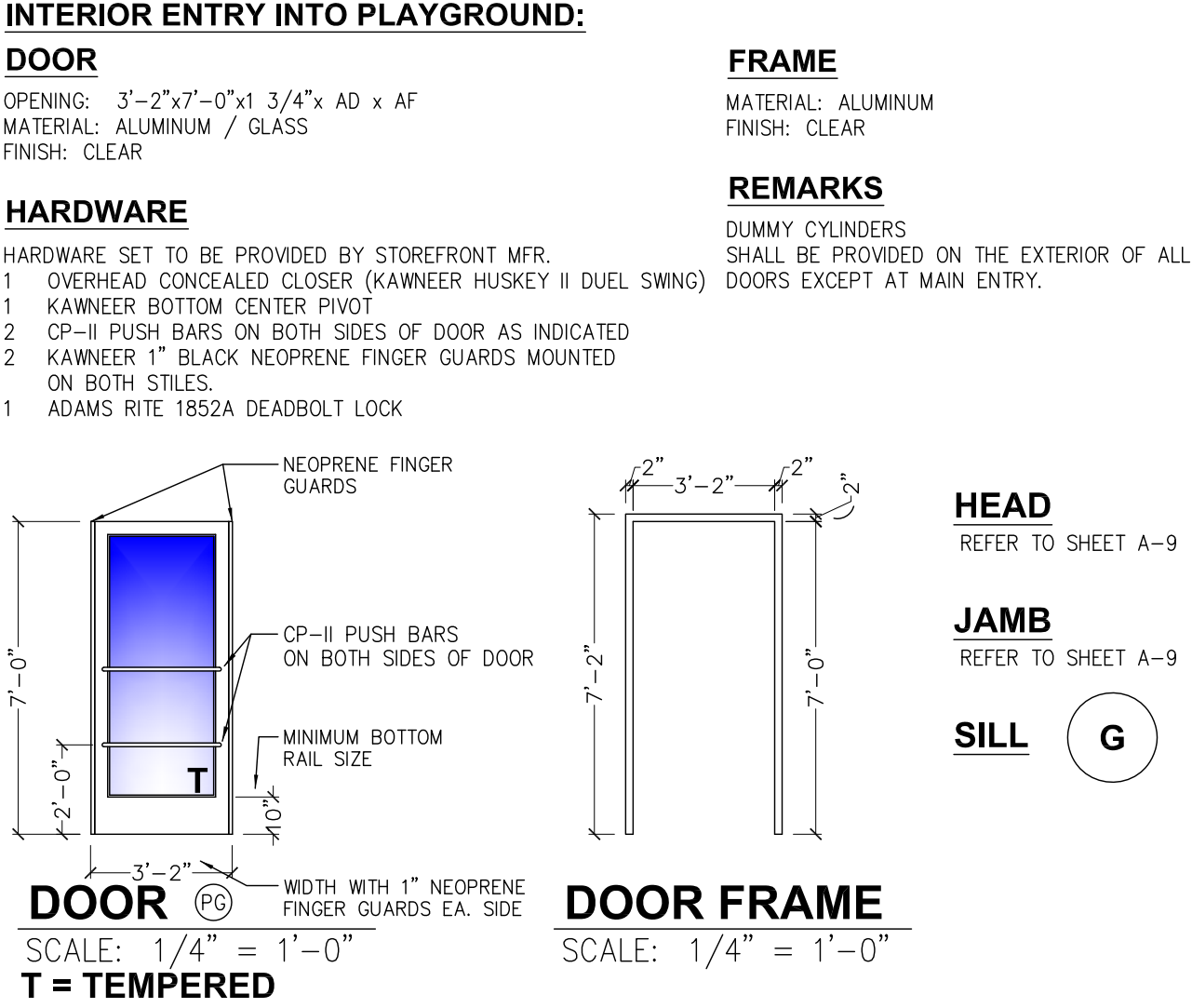
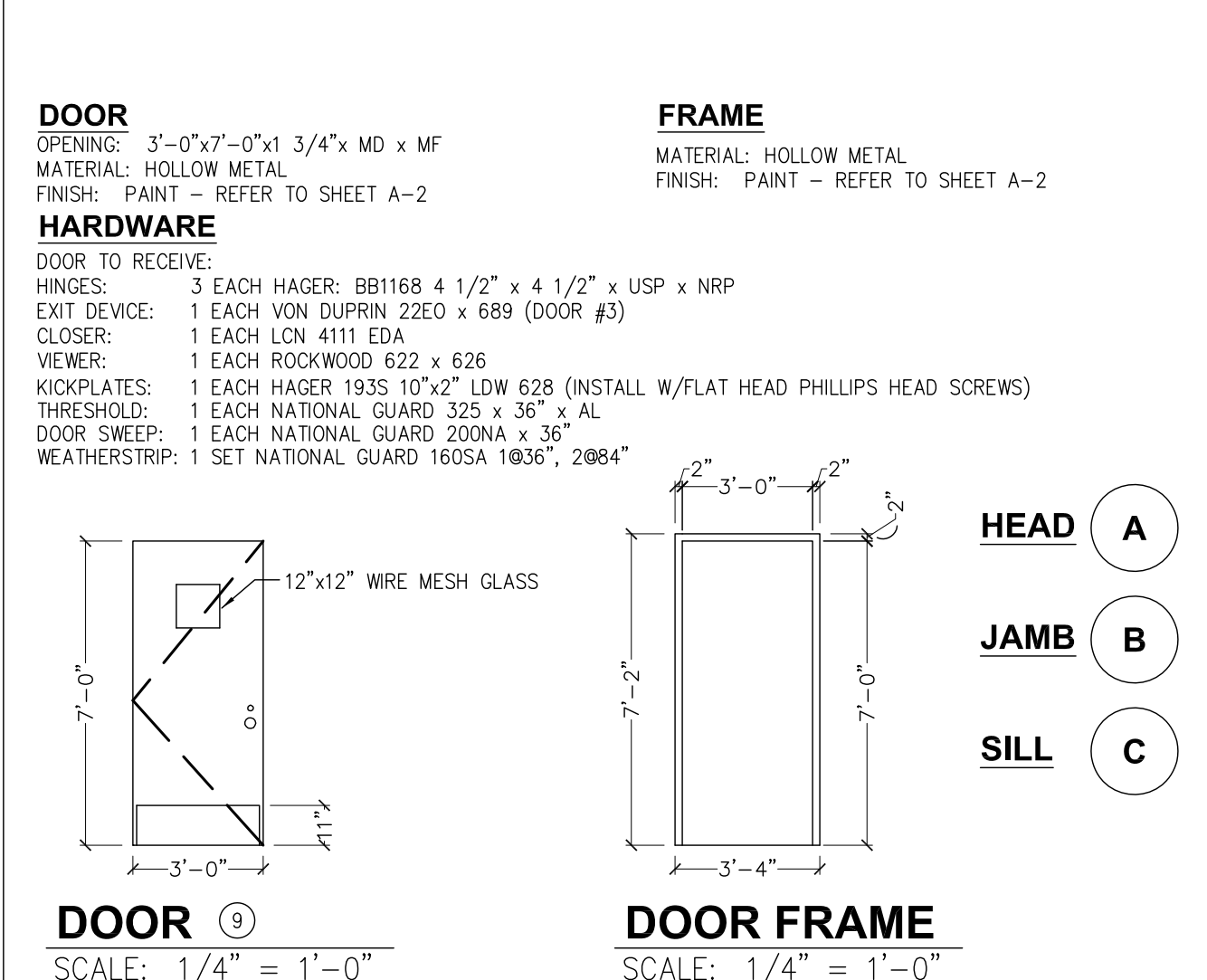
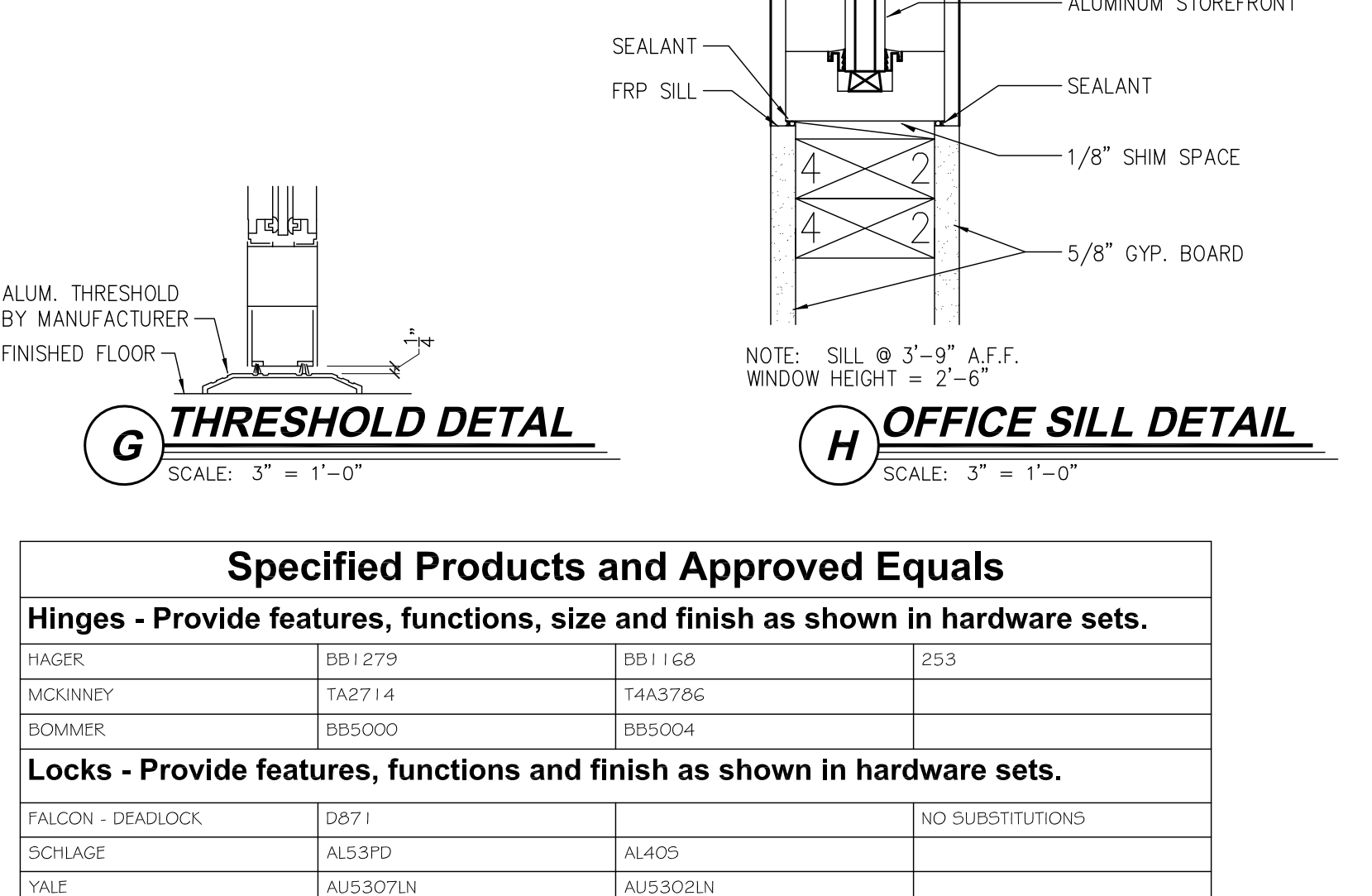
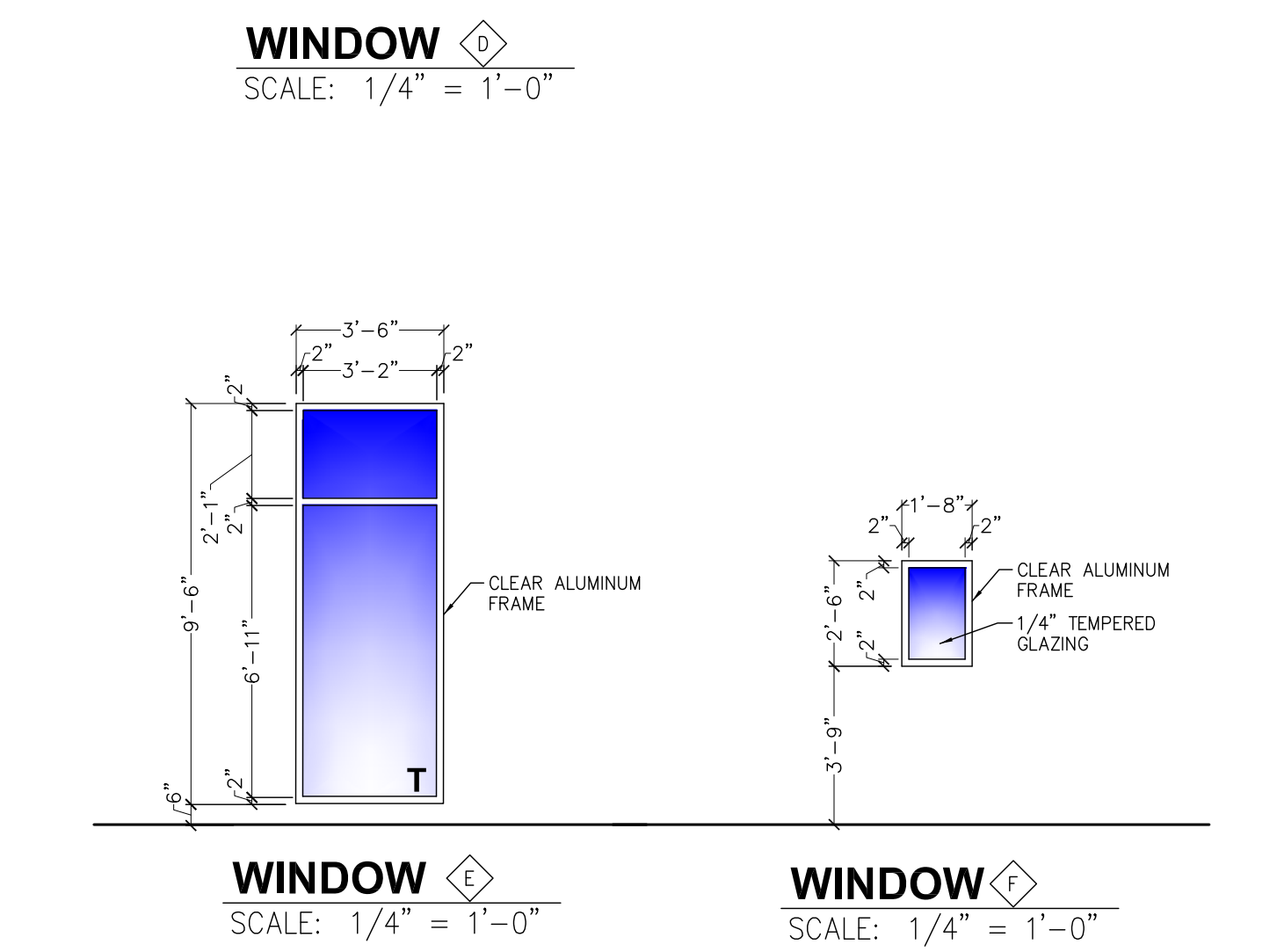
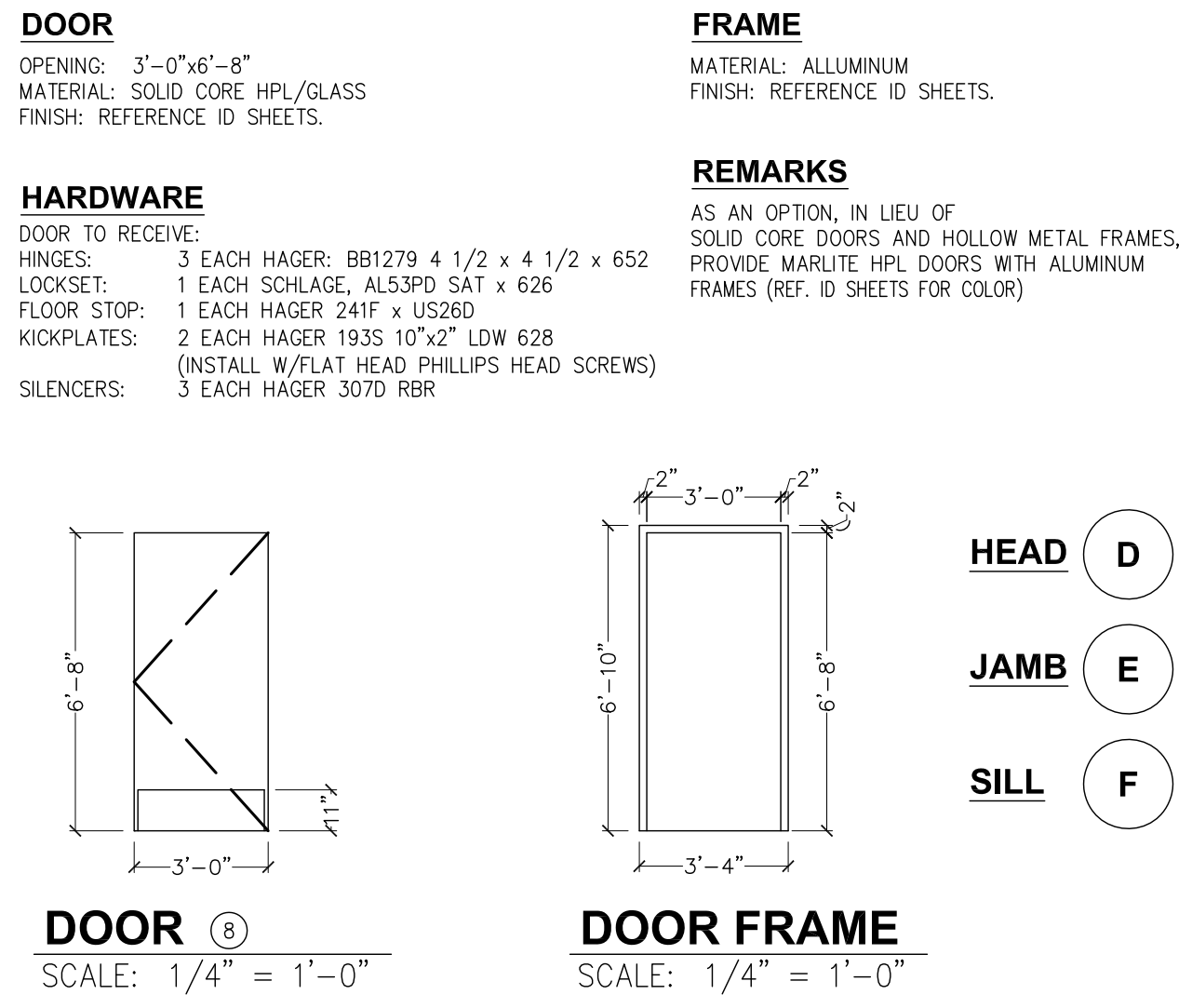
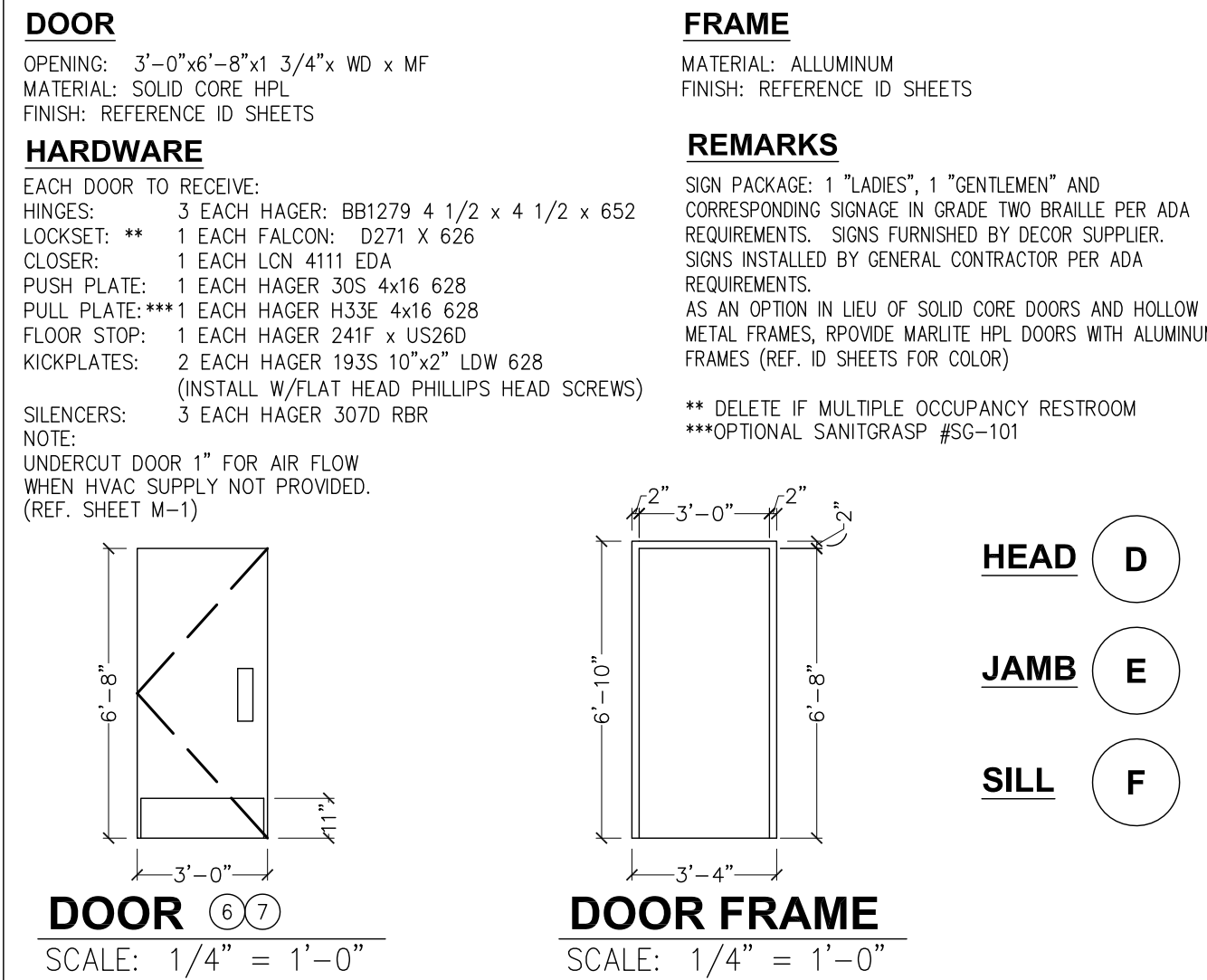
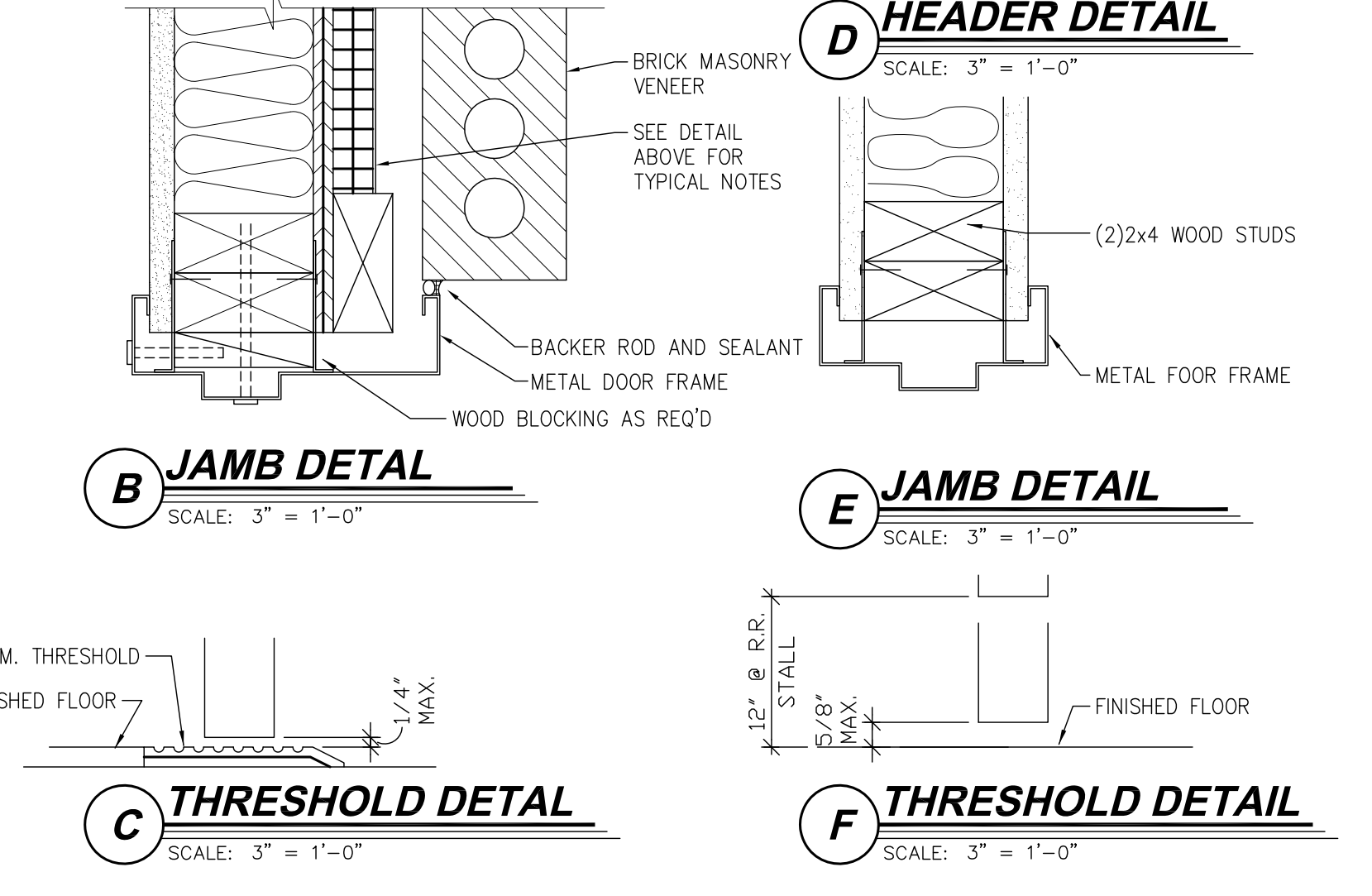
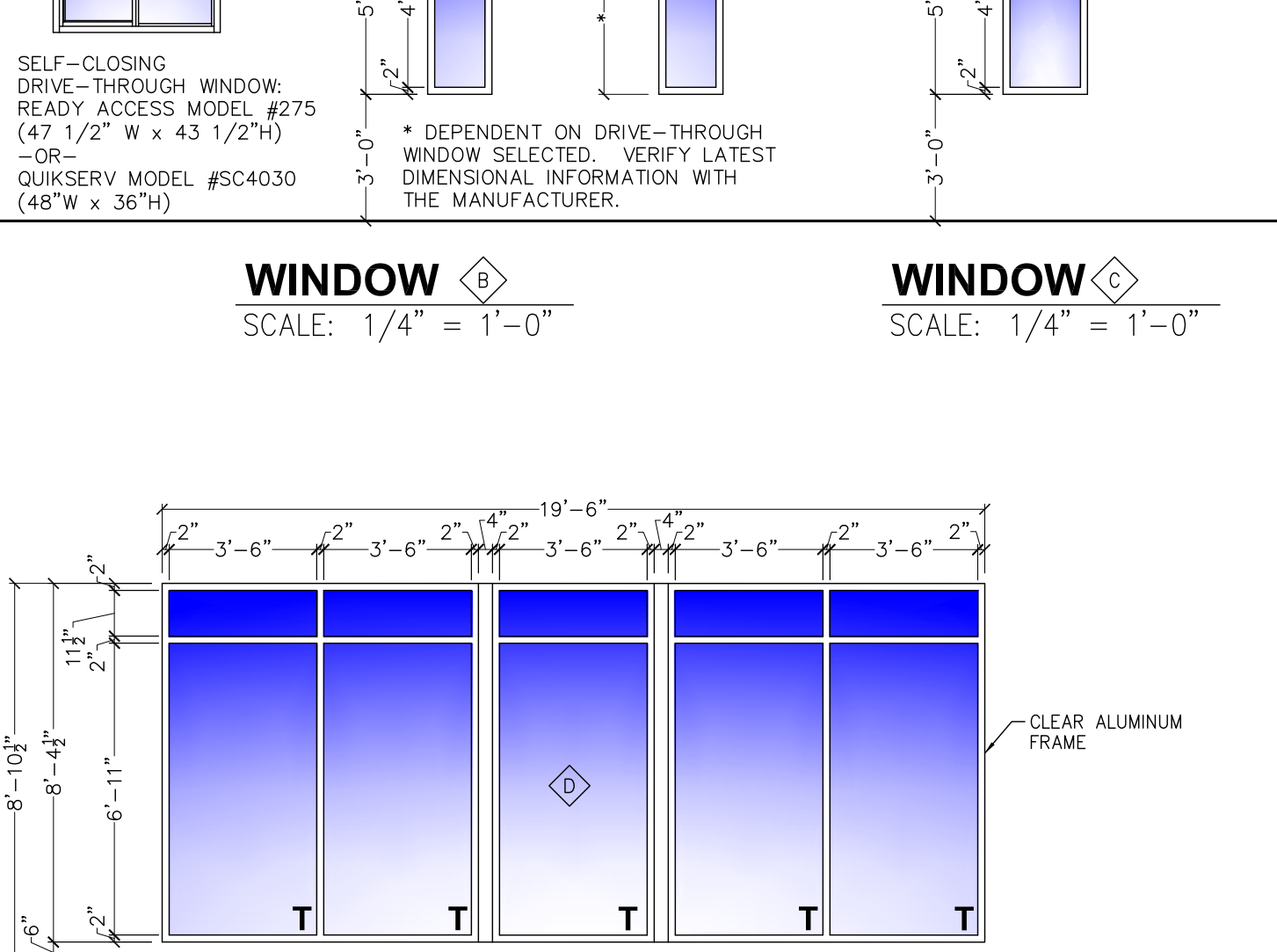
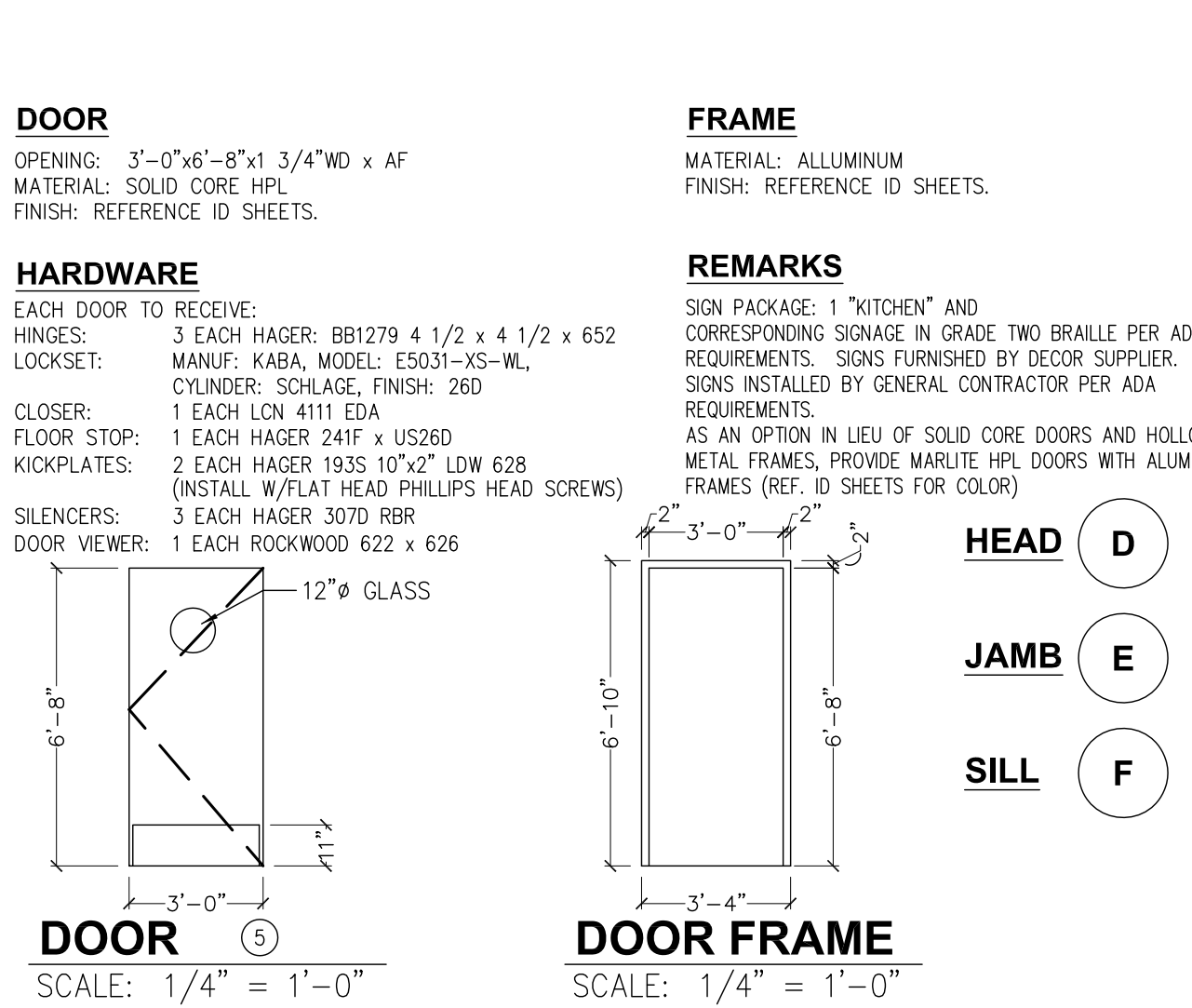
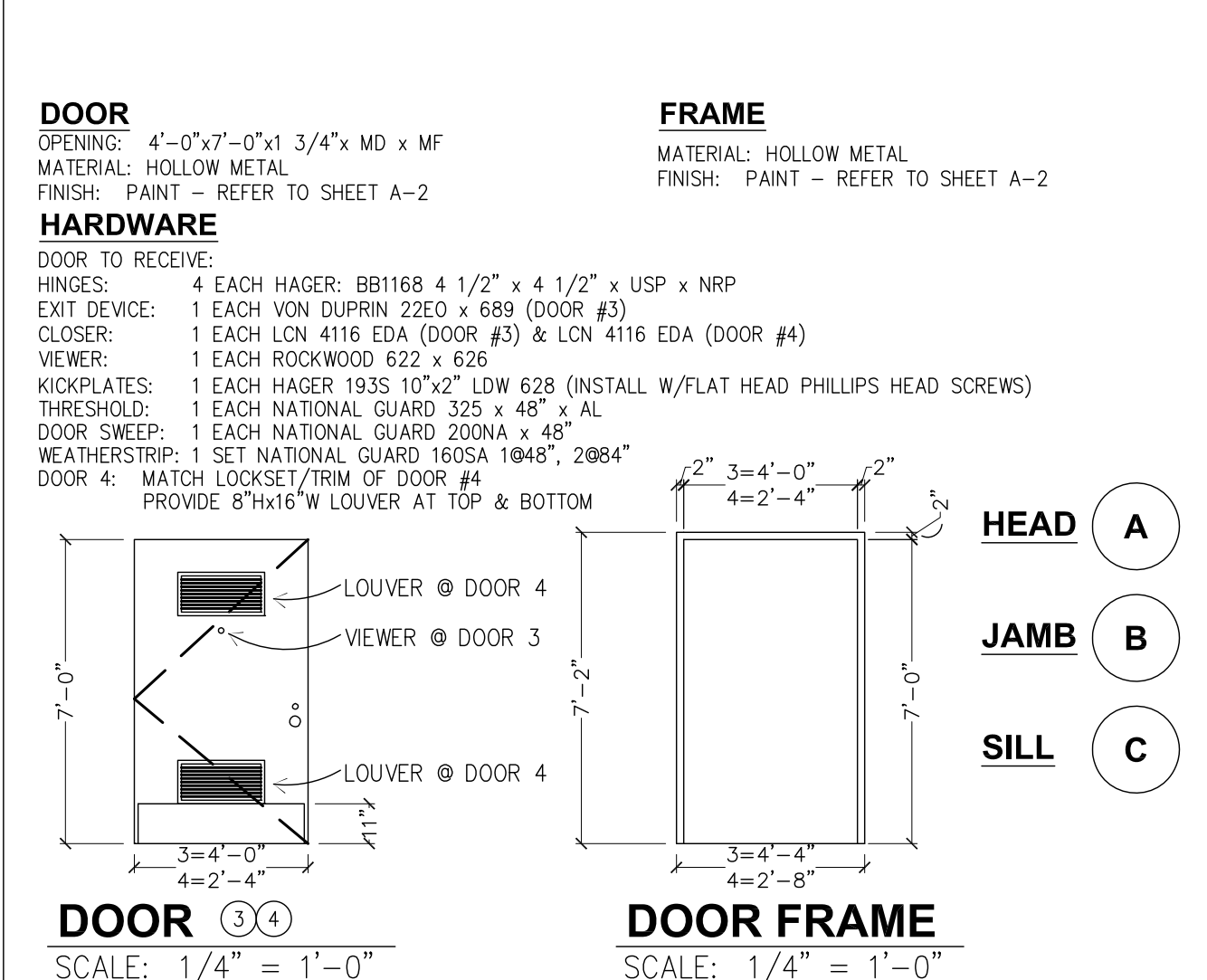
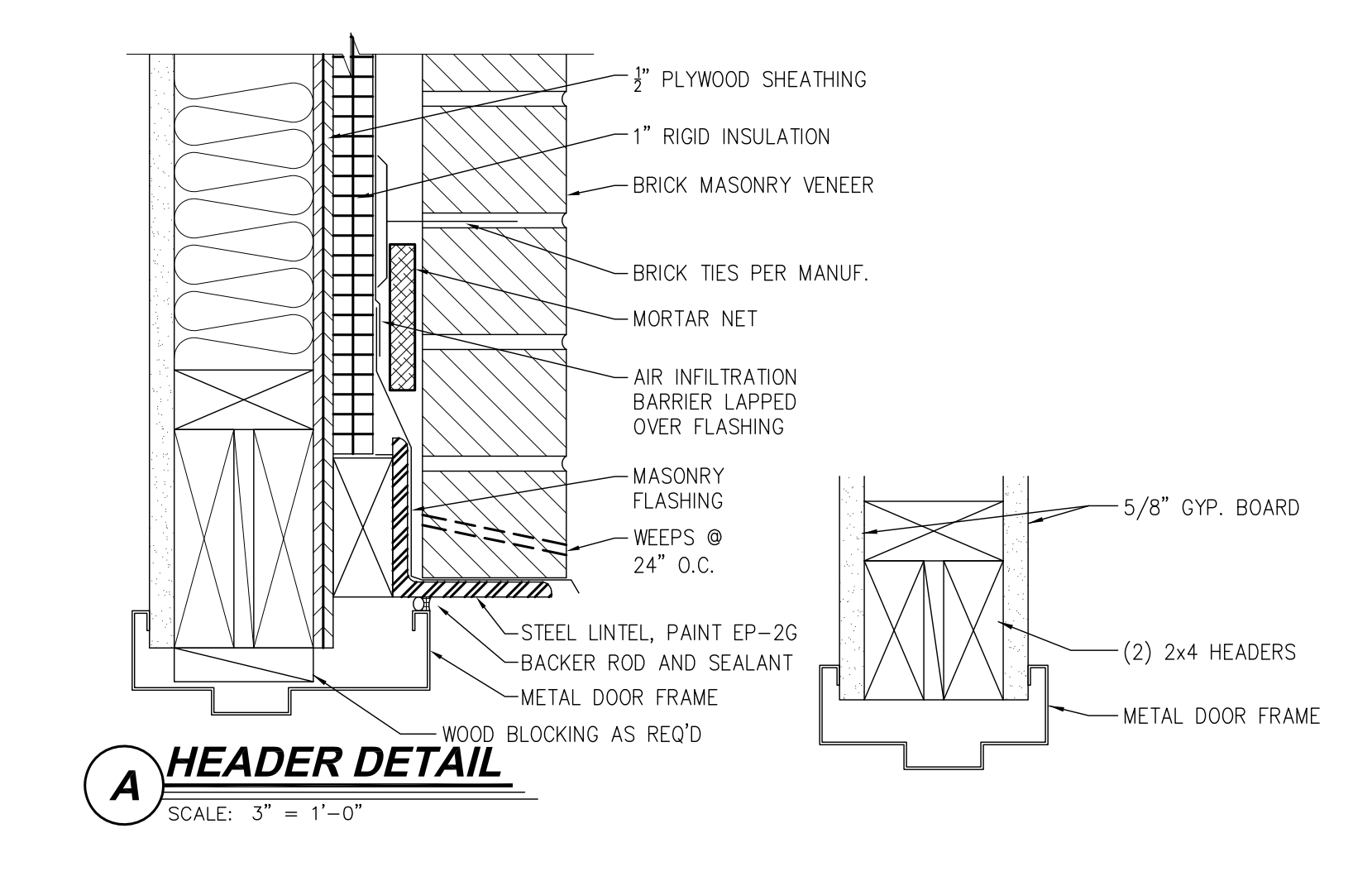
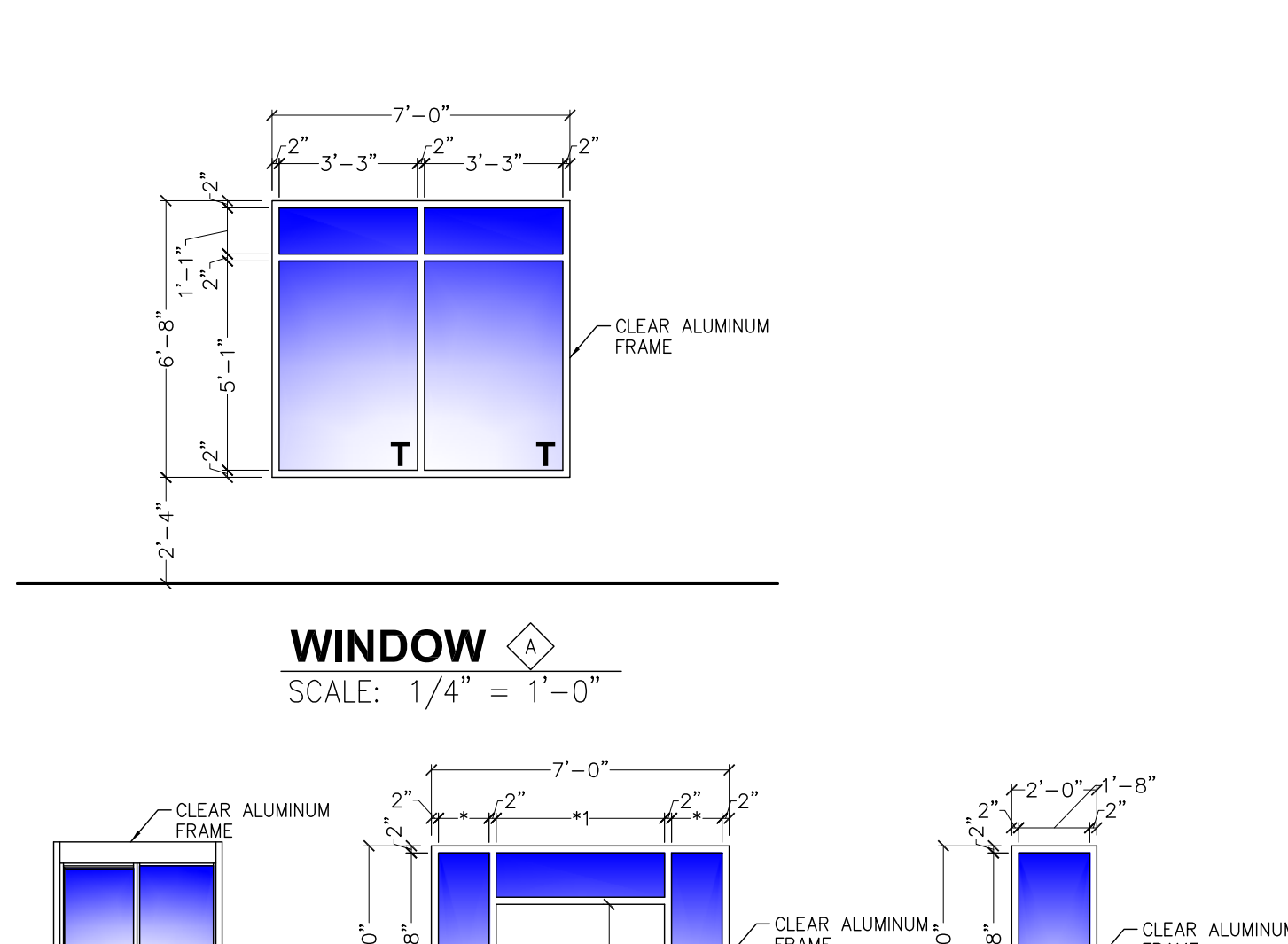
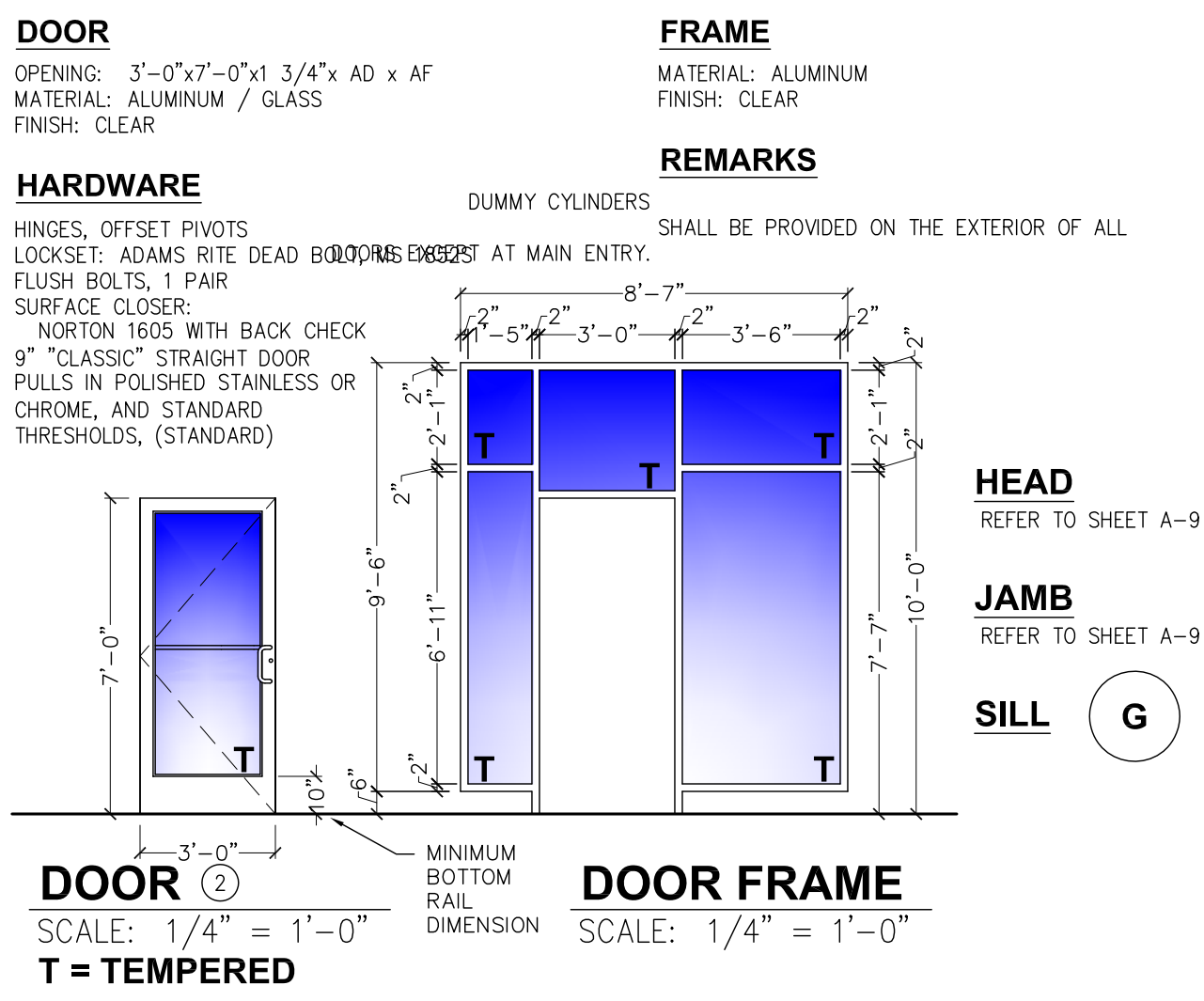
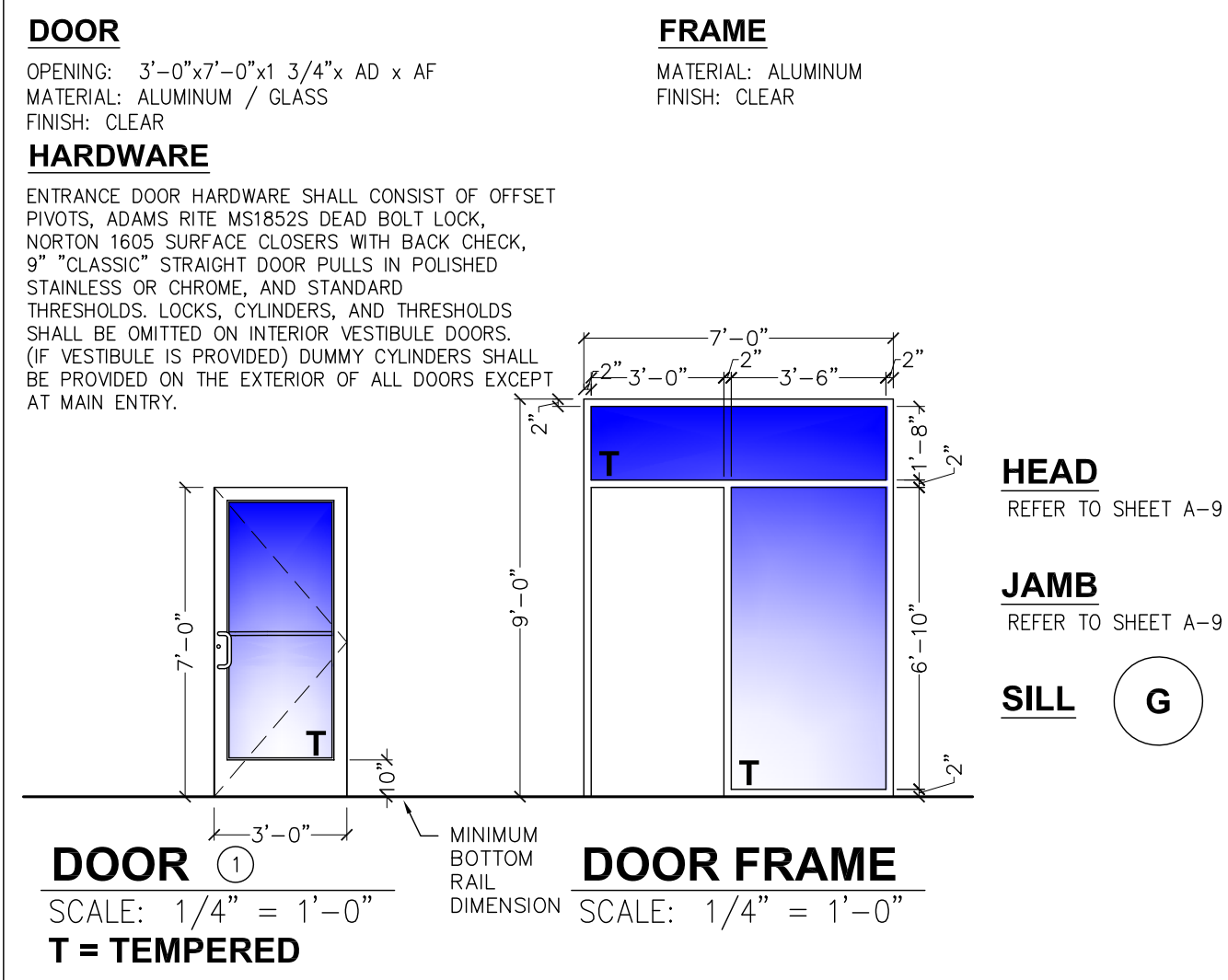


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PROJECT #: 180004  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
CONSTRUCTION DETAILS



**Specified Products and Approved Equals**

**Hinges - Provide features, functions, size and finish as shown in hardware sets.**

HAGER	BB1279	BB1168	253
MCKINNEY	TA2714	T4A3786	
BOMMER	BB5000	BB5004	

**Locks - Provide features, functions and finish as shown in hardware sets.**

FALCON - DEADLOCK	D871		NO SUBSTITUTIONS
SCHLAGE	AL53PD	AL405	
YALE	AUS307LN	AUS302LN	
FALCON	B511D	B301D	

**Exit Device - Provide features, functions and finish as shown in hardware sets.**

VON DUPRIN	22 EO		
YALE	2100 EO		
SARGENT	3828 EO		

**Closers - Provide features, functions and finish as shown in hardware sets.**

LCN	1461	4115 H-CUSH	
YALE	3301	4425T / 4421T	
DORMA	8616	8916 D5T / 8956 D5T	

**Push/Pull, KP, Stops, Etc. - Provide features, functions, size and finish as shown in hardware sets.**

HAGER	KICKPLT 1935	FULL PLT H33E	PUSH PLT 305	FL STOP 241F	WALL STOP 236W	VIEWER 175G
ROCKWOOD	K1050 B3E	BF106 x 70C	70C	441 CU	409	622
TRIMCO	K0050	1017.3x2 1/2 PROJ.	1001-3	1211	1270WV	976U

**Weatherstripping, Thresholds, Etc. - provide features, functions, size and finish as shown in hardware sets.**

NATIONAL GUARD	THRESHOLD 325A	SWEEP 200NA	WEATHERSTRIP 1605A
PENKO	229A	315CN	303AS
ZERO	1675A	39A	99A

DATE: 03-21-2018  
CHECKED BY: SMC  
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SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

**BURGER KING**

**CURRAN ARCHITECTURE**  
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PROJECT #: 18004  
DOOR SCHEDULE AND DETAILS

**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

A-10



3.16.2018 Jalaya Mison C:\Vault\Workspace\Project Files\1 - Projects\Burger King\Greencastle, PA (Main & Main) BK#3818\Greencastle, PA #180113 #2818 Garden Grill.dwg

**GC PURCHASED ART & DECOR**

WP-20 MARLITE PANELING  
 CDG to provide paneling & moulding; GC to contact manufacturer for installation instructions.  
 MAKE FRESH  
 330.260.7623  
 mfresh@marfite.com  
 MOSS RETAIL & ENVIRONMENTS  
 2643 WEST CHICAGO AVE  
 CHICAGO, IL 60622-4519  
 ROB LORTS - 773.435.7600 EXT. 655  
 rlo@mossc.com  
 DJ SCANDIFF - 773.435.7600 EXT. 617  
 djscandiff@mossc.com  
 VISUAL GRAPHIC SYSTEMS, INC.  
 300 WASHINGTON AVE  
 CARLSTADT, NJ 07072  
 GREG MOROZ - 330.268.7587  
 BURGERSYSTEMS@VGS-INC.COM  
 FAX: 201.528.0890  
 PHONE: 1.800.233.0331  
 WWW.VGSONLINE.COM  
 (NO VERBAL PHONE ORDER ACCEPTED)

• Food Panel Art  
 • Other Signage  
 • Drink Station Branding Art

NAUTICAL FURNISHINGS  
 MICHAEL HOGLUND - 954.771.1100  
 mhoglund@naughtalfurnishings.com  
 • Door Handles

**FLOOR FINISH KEY**

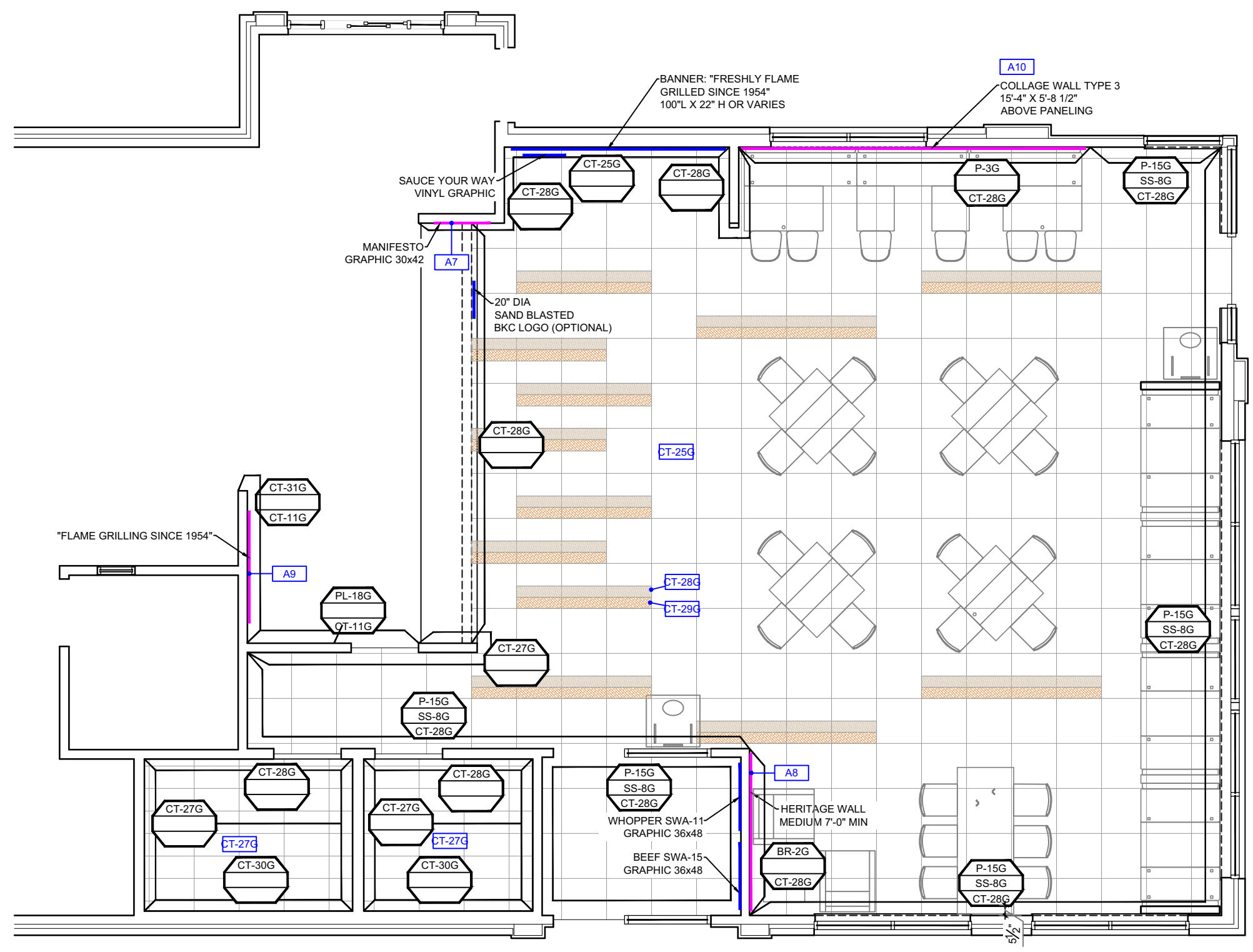
SYMBOL	TAG
[Symbol]	CT-29G FIELD TILE
[Symbol]	CT-27G FIELD TILE
[Symbol]	CT-29G ACCENT TILE
[Symbol]	CT-29G ACCENT TILE

**KEY NOTES**

- TILE TO CONTINUE TO KNEE WALL
- TRANSITION TO KITCHEN TILE HERE
- TRANSITION TO RESTROOM TILE HERE

**GENERAL NOTES**

- GC TO INSTALL ACCENT FLOOR TILE AS SHOWN ON FINISH PLAN. ALL FLOOR GROUT LINES TO ALIGN WITH ONE ANOTHER.



**1 FINISH PLAN**  
 SCALE: 3/16" = 1'-0"

**casablanca DESIGN GROUP**  
 F: 770.423.9402  
 811 PICKENS INDUSTRIAL DR MARIETTA, GA 30067

**Burger King Restaurant**  
 GREENCASTLE, PA 180113; BK#A30729;  
 GARDEN GRILL  
 MAIN & MAIN  
 JRM

DATE: \_\_\_\_\_  
 ISSUE / REVISION / DESCRIPTION: \_\_\_\_\_

SHEET TITLE: FINISH PLAN  
 SHEET: ID-04



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**BURGER KING RESTAURANT**  
 GREENCASTLE, PA  
 MAIN & MAIN  
 NATIONAL STORE #: BKA30729  
 CDG JOB #: 180113  
 STORE TYPE: NEW STORE  
 PACKAGE: GARDEN GRILL  
 ACCOUNT MANAGER: JOHN HARRISON (770) 337-0931  
 DESIGNER OF RECORD: JRM

**TABLE OF CONTENTS**

ID-01	COVER SHEET
ID-02	GENERAL NOTES
ID-03	FLOOR PLAN
ID-04	FINISH PLAN
ID-05	PARTITION PLAN (FORTHCOMING)
ID-06	CORE-DRILL PLAN
ID-07	CORE-DRILL DETAILS (FORTHCOMING)
ID-08	ELECTRICAL PLAN
ID-09	REFLECTED CEILING PLAN
ID-10	CEILING DETAILS & SCHEDULE
ID-11	ELEVATIONS (FORTHCOMING)
ID-12	ELEVATIONS (FORTHCOMING)
ID-13	ELEVATIONS (FORTHCOMING)
ID-14	ELEVATION (FORTHCOMING)
ID-15	FURNITURE DETAILS
ID-16	FURNITURE DETAILS
ID-17	GRAPHICS
ID-18	FURNITURE SCHEDULE
ID-19	DECOR SCHEDULE
ID-20	BUILDING FINISH SCHEDULE
ID-21	BUILDING FINISH SCHEDULE
ID-22	BUILDING FINISH SCHEDULE

**DRAWINGS**  
 PLANS ARE PRODUCED FROM ARCHITECTURAL DRAWINGS OR AS-BUILTS RECEIVED: 02.01.2018

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 GARDEN GRILL  
 MAIN & MAIN  
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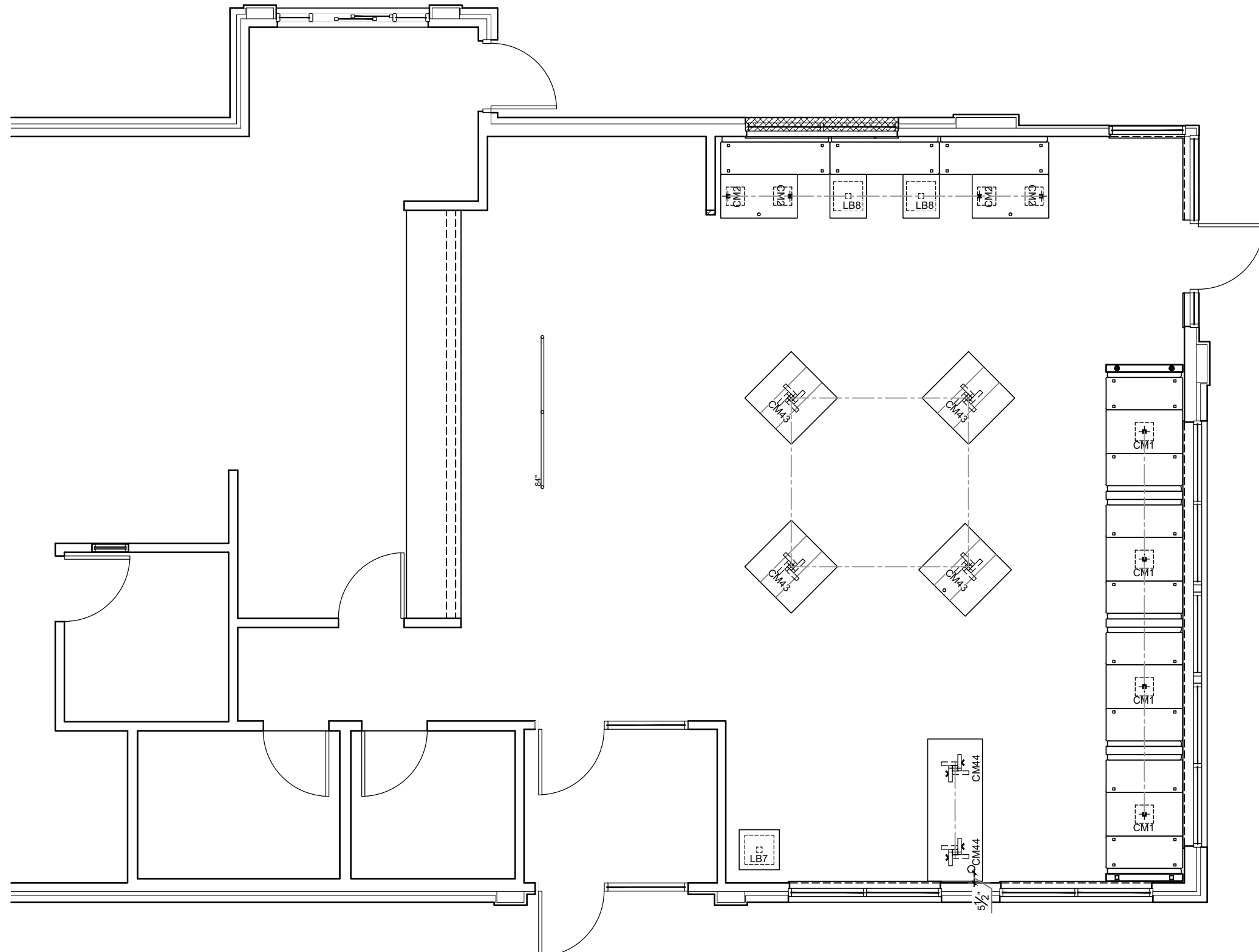
DATE: \_\_\_\_\_  
 ISSUE / REVISION / DESCRIPTION: \_\_\_\_\_

SHEET TITLE: COVER SHEET  
 SHEET: ID-01

**PERMIT PLANS**

3.16.2018 Jalaya Mison C:\Vault\Workspace\Project Files\1 - Projects\Burger King\Greencastle, PA (Main & Main) BK#3818\Greencastle, PA #180113 #2818 Garden Grill.dwg

**NOTE: FOR CORE-DRILL COUNTS ONLY, DIMENSIONS ARE FORTHCOMING**



**1 CORE-DRILL PLAN**  
 SCALE: 3/16" = 1'-0"

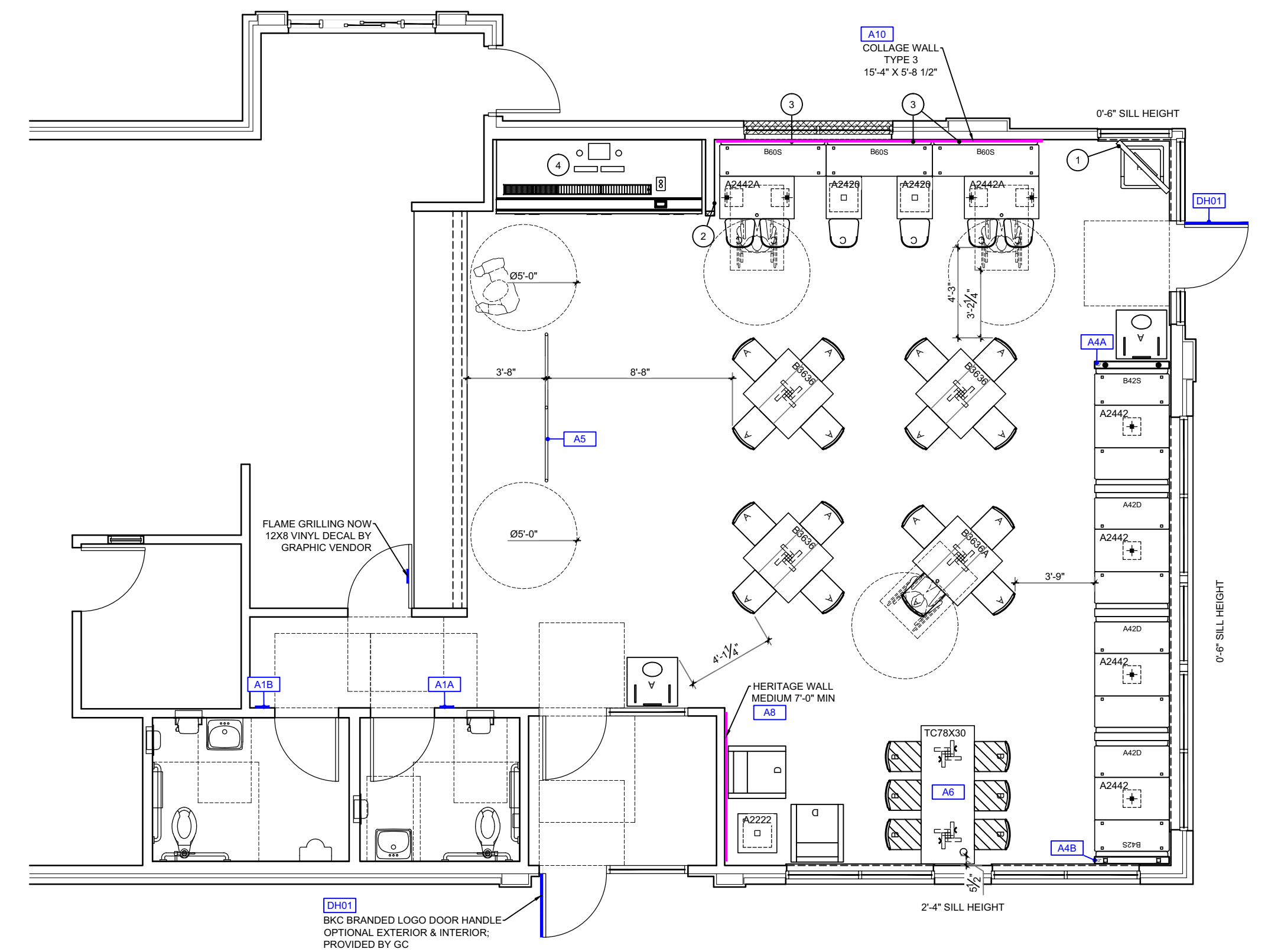
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 GARDEN GRILL  
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DATE: \_\_\_\_\_  
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SHEET TITLE: CORE-DRILL PLAN  
 SHEET: ID-06

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**1 FLOOR PLAN**  
 SCALE: 3/16" = 1'-0"

**SEATING CAPACITY**

SEAT TO TABLE RATIO	2.3	1	2	3	4	5	6
TABLE TOP BREAKDOWN	23	12	2	0	9	0	0

**PARTITION TYPES**

[Symbol]	INDICATES NEW FULL-HEIGHT PARTITION BY GC
----------	---

**KEY NOTES**

- ADA REQUIRED TV & HARDWARE BY OWNER
- ADA REQUIRED OUTLET
- GC TO PROVIDE EXTRA WOOD BLOCKING IN WALL TO MOUNT BOOTH BACKPAD & SEAT FRAME
- NEW STAINLESS STEEL DRINK STATION BY OTHERS

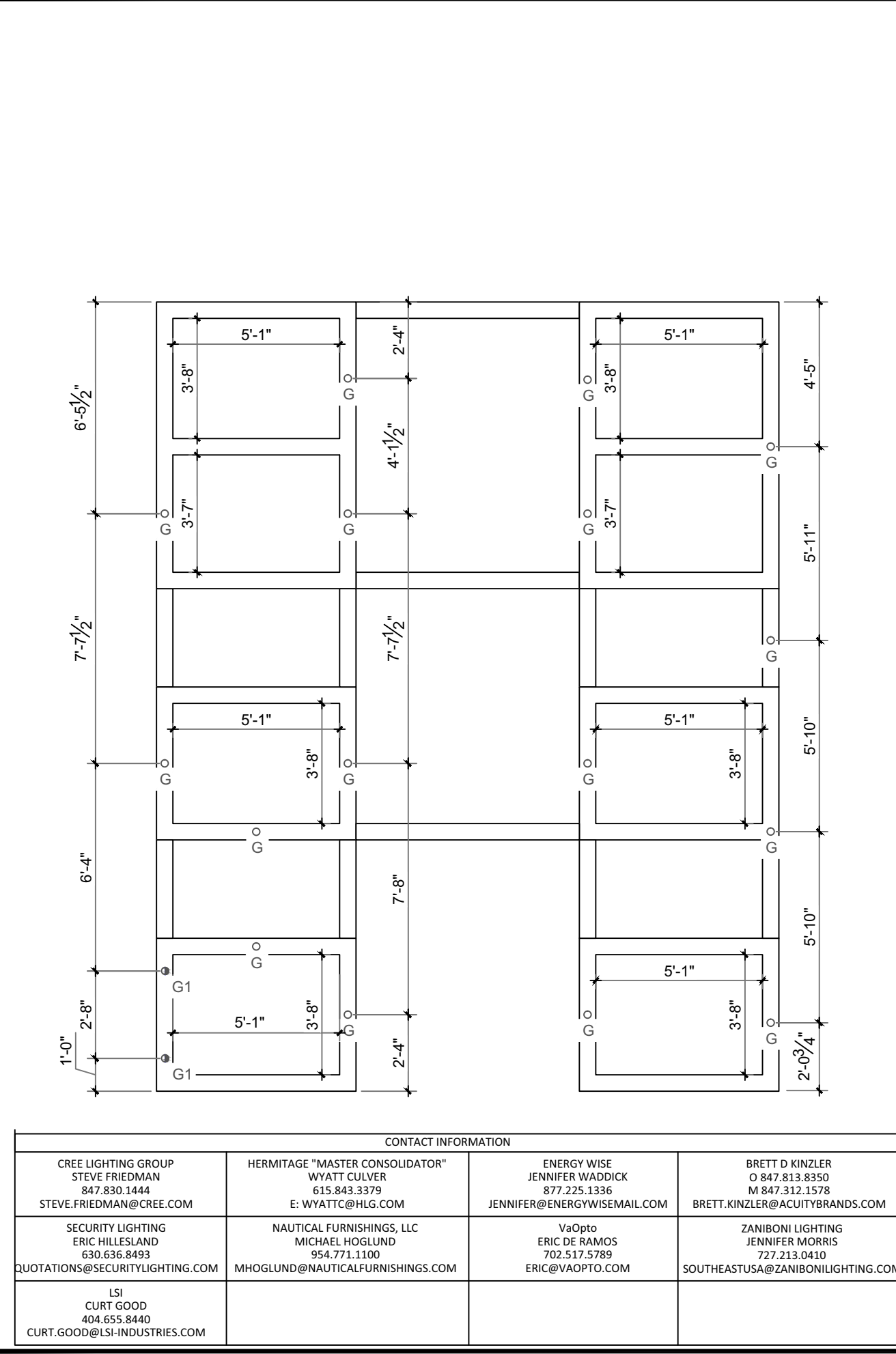
**casablanca DESIGN GROUP**  
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 GREENCASTLE, PA 180113; BK#A30729;  
 GARDEN GRILL  
 MAIN & MAIN  
 JRM

DATE: \_\_\_\_\_  
 ISSUE / REVISION / DESCRIPTION: \_\_\_\_\_

SHEET TITLE: FLOOR PLAN  
 SHEET: ID-03

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CEILING FINISH SCHEDULE ALL ITEMS SUPPLIED & INSTALLED BY GC, UNO			
SYMBOL	DESCRIPTIONS / PART #	HVAC, DIFFUSERS, & SPEAKER COVERS	COMMENTS
CT-13	24"x24" CEILING TILE, SEE ID-20 FOR SPECIFICATIONS	N/A	DINING AREA CEILING TILE & GRID
CT-23	24"x24" CEILING TILE, SEE ID-20 FOR SPECIFICATIONS	N/A	KITCHEN AREA CEILING TILE & GRID
P-3G	EGGSHELL PAINT, SEE ID-21 FOR SPECIFICATIONS	P-3G	PAINT FINISH FOR LOBBY, DRINK STATION & SERVICE COUNTER SOFFITS FRONT FASCA AND MENU BOARD BUSHHEAD
P-5G	EGGSHELL PAINT, SEE ID-21 FOR SPECIFICATIONS	P-5G	PAINT FINISH FOR UNDERSIDE OF LOBBY, DRINK STATION & SERVICE COUNTER SOFFITS & RESTROOM OFFICE CEILINGS & RR ENTRY VESTIBULES

ELECTRICAL / LIGHTING SCHEDULE STANDARD TRELIS (6"x6") ALL ITEMS SUPPLIED & INSTALLED BY GC, UNO					
SYMBOL	QTY	CONTACT	CATALOG NO.	COMMENTS	NAME
BK-SG-A	4	NAUTICAL	BK304 & B3935-18-600-927-03, 10 W, 2700K LED EDISON STYLE 10 W, 2700K	PENDANT TO BE LOCATED ABOVE CENTER TABLE TOPS WITH BOTTOM OF FIXTURE @ 6'-0" AFF	SHAKER PENDANT LAMP
BK-SG-B	4	NAUTICAL	BK305 & LED BW EDISON INCAND; 6 W, 2700K	PENDANTS TO BE LOCATED ABOVE COMMUNAL TABLE, HEIGHT TO BOTTOM OF FIXTURES VARY, SEE ELEVATIONS FOR INSTALL HEIGHTS	BRONZE CAGE PENDANT
G1	27	CREE	L186-10L-30K-120V-A-DR-R6C-12W-GU24; 12.5 W, 3000K	LOCATED OVER DRINK STATION & IN SOFFITS	6" DIA. WHITE RECESSED LIGHT
		SECURITY	SLSD8XCL L86LED30KWH; 14W, 3000K		
		LSI	LC06-13 LD 48 VZ TRIM HAZ WH; 15W, 3000K		
G2	7	VAGOPT	VO-DL-6W-W20-8526-110-WHITE, 18W, 3500K	LOCATED AT WALL GRAPHICS	6" ADJUSTABLE WALL WASH LIGHT
		ENERGYWISE	EW981130W-L7, 11W, 3000K		
D6W	7	CREE	LE8C-GU24W-R90-GU24; 12W, 3000K	LOCATED AT WALL GRAPHICS	TRACK LIGHT
		LSI	PT066A231 ED-07-35-120-PT066A231R50K; 14W, 3000K		
G3	0	VAGOPT	VO-DL-6W-W13-90K90A; 13W, 3000K	LOCATED ABOVE STACKING/SERVICE AREA	FLUXWORKS - 8", 12" OR 16" ALUM FINISH
		JUNO	SP34506-27K-6W-WH; 11W, 3000K		
F OPT 1	0	ENERGYWISE	EW981020W, 10W, 3000K	LOCATED ABOVE STACKING/SERVICE AREA	WHITE PENDANT
		JUNO	RS00L30N82; 20W, 2700K		
F OPT 2	0	HERMITAGE	PR1-BBD25A1655A006; 49W, 3500K	LOCATED ABOVE STACKING/SERVICE AREA	WHITE PENDANT
		CREE	SCG-CM-BL-GU24-CR6-800L-30K-120V-GU24CTGA		
G	16	SECURITY	L8CKCM-L86LED1030KWH; 12W, 3000K	LOCATED AT TRELIS STRUCTURES	2" DIA DOWN LIGHT, SATIN NICKEL FINISH
		ENERGYWISE	EW10K6; 12W, 3000K		
G1	2	JUNO	SP34378B-9-F1-SSN; 10W, 3000K	LOCATED AT TRELIS STRUCTURES	2" DIA WALL WASH LIGHT SATIN NICKEL FINISH
		ZAMBONI	D2LUNA2093DA3CANP0800P; 9W, 3000K		
G1 AFF	3	JUNO	SP34378A-9-03-F1-SN; 10W, 3000K	GC TO PROVIDE STAINLESS STEEL COVER PLATE	
		ZAMBONI	D2LUNA2093DA3CANP0800P; 9W, 3000K		
G1 BOX	1			GC TO HARDWARE JBOX ABOVE CEILING	

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**Burger King Restaurant**  
GREENCASTLE, PA 180113: BK#A30729:  
GARDEN GRILL  
MAIN & MAIN  
JRM

DATE: \_\_\_\_\_  
ISSUE / REVISION / DESCRIPTION: \_\_\_\_\_

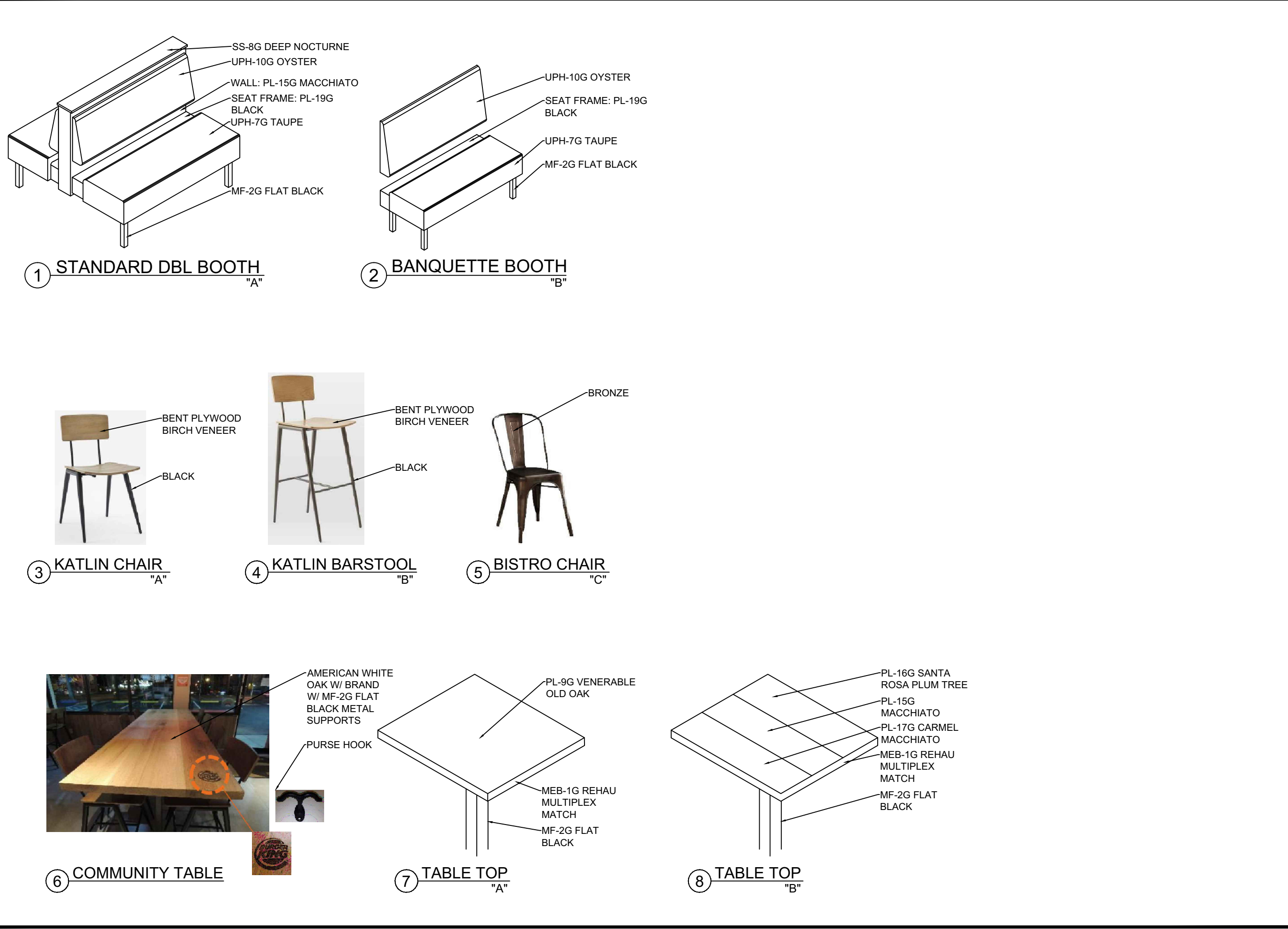
SHEET TITLE: **CEILING DETAILS & SCHEDULE**

SHEET: **ID-10**

CONTACT INFORMATION

CREE LIGHTING GROUP STEVE FRIEDMAN 847.830.1444 STEVE.FRIEDMAN@CREE.COM	HERMITAGE "MASTER CONSOLIDATOR" WYATT CULVER 615.843.3379 E.WHYATT@HMG.COM	ENERGY WISE JENNIFER WARDICK 877.225.1336 JENNIFER@ENERGYWISEMAIL.COM	BRETT D KINZLER O 847.813.3550 M 847.312.1578 BRETT.KINZLER@ALCUTYPERIODS.COM
SECURITY LIGHTING ERIC HILLESLEND 630.636.8493 DUOTATIONS@SECURITYLIGHTING.COM	NAUTICAL TURNINGS LLC MICHAEL HOGGLUND 954.771.1100 ERIC@VAGOPT.COM	WOBRO ERIC DE RAMOS 702.517.9789 ERIC@VAGOPT.COM	ZAMBONI LIGHTING JENNIFER ANDREIS 727.213.0410 SOUTHEASTUS@ZAMBONILIGHTING.COM
LSI CURT GOOD 404.655.8440 CURT.GOOD@LSI-INDUSTRIES.COM			

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JRM

DATE: \_\_\_\_\_  
ISSUE / REVISION / DESCRIPTION: \_\_\_\_\_

SHEET TITLE: **FURNITURE DETAILS**

SHEET: **ID-15**

1 STANDARD DBL BOOTH "A"

2 BANQUETTE BOOTH "B"

3 KATLIN CHAIR "A"

4 KATLIN BARSTOOL "B"

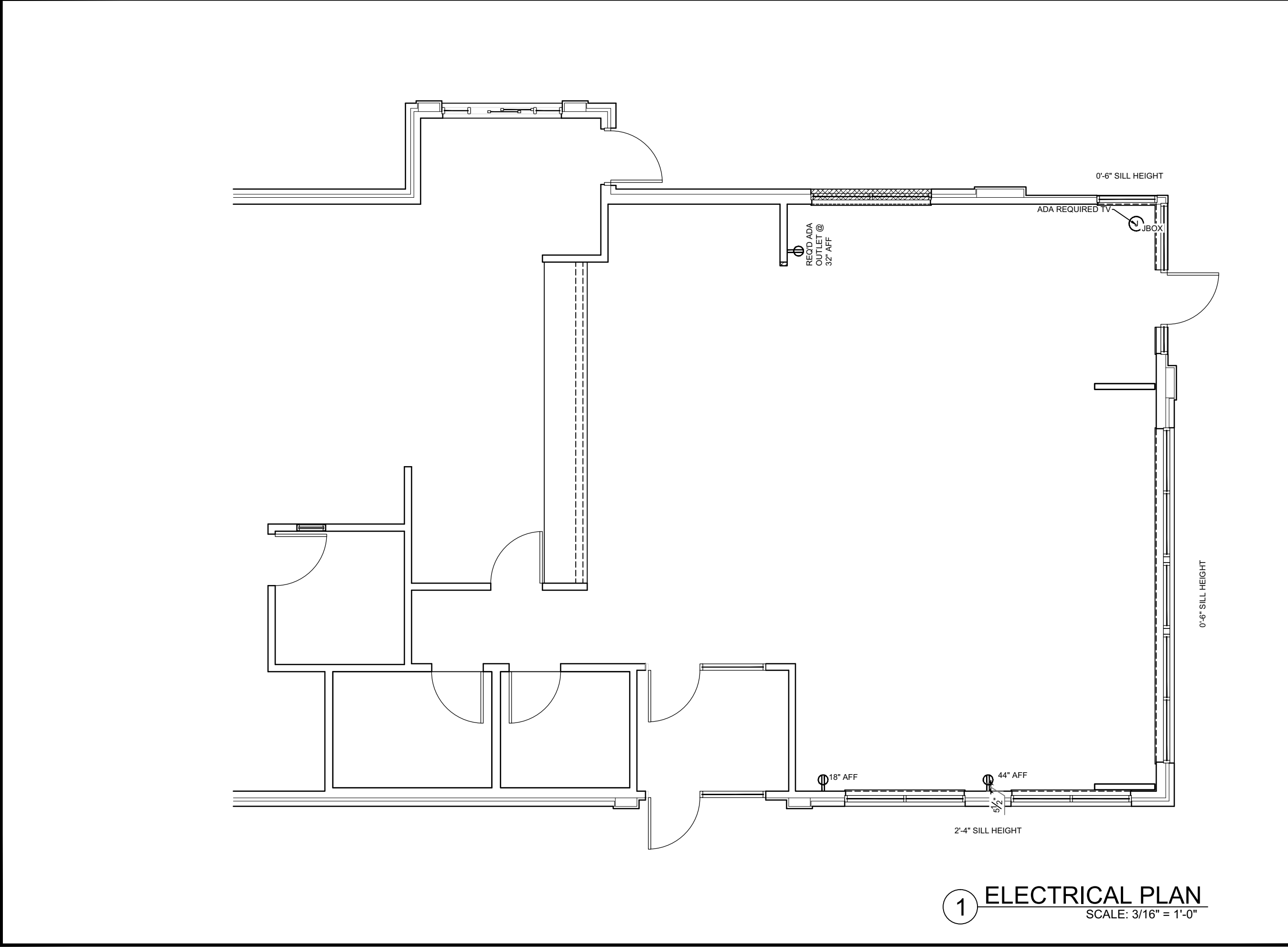
5 BISTRO CHAIR "C"

6 COMMUNITY TABLE

7 TABLE TOP "A"

8 TABLE TOP "B"

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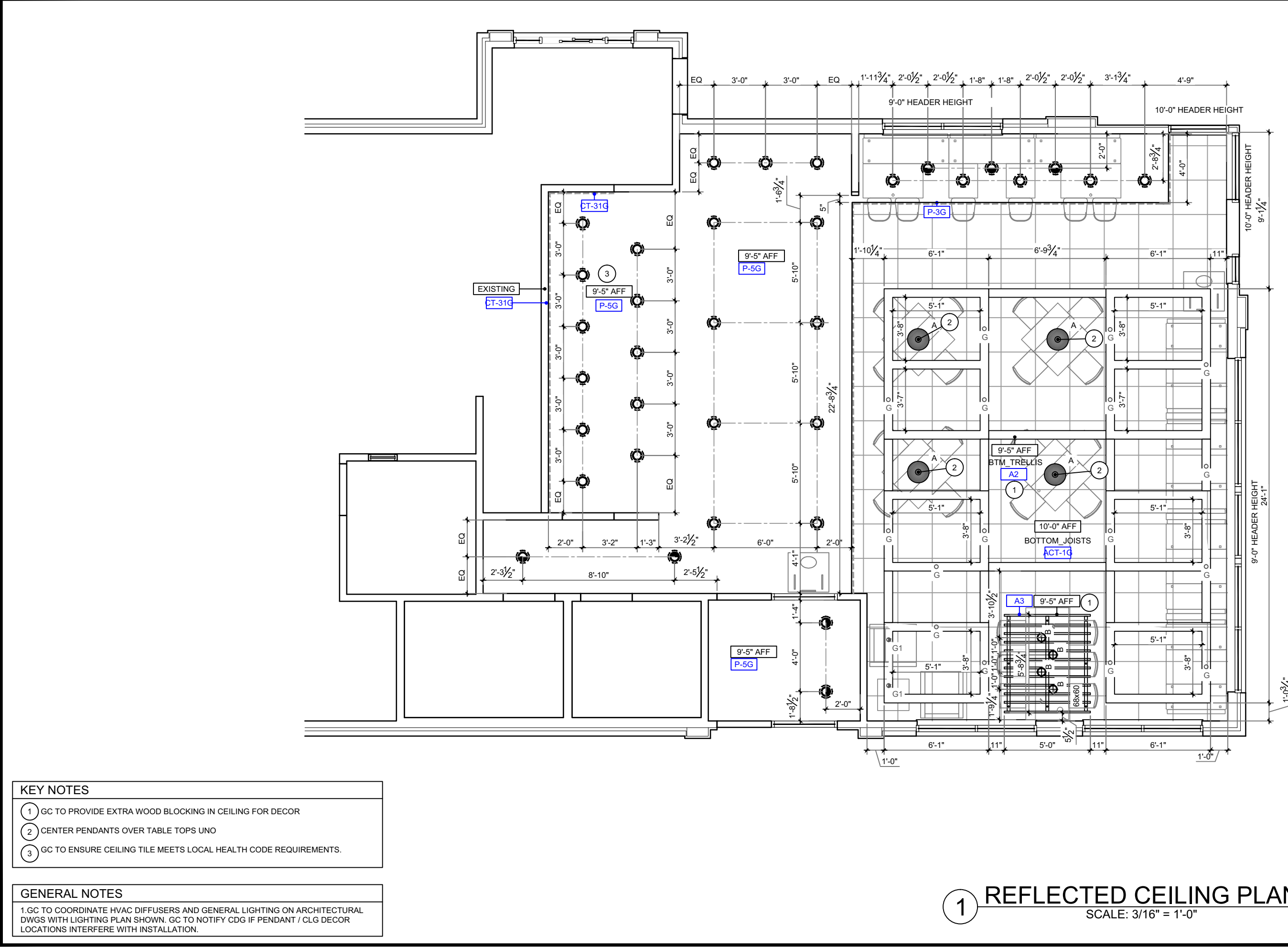
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GREENCASTLE, PA 180113: BK#A30729:  
GARDEN GRILL  
MAIN & MAIN  
JRM

DATE: \_\_\_\_\_  
ISSUE / REVISION / DESCRIPTION: \_\_\_\_\_

SHEET TITLE: **ELECTRICAL PLAN**

SHEET: **ID-08**

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GREENCASTLE, PA 180113: BK#A30729:  
GARDEN GRILL  
MAIN & MAIN  
JRM

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SHEET TITLE: **REFLECTED CEILING PLAN**

SHEET: **ID-09**

- KEY NOTES**
- GC TO PROVIDE EXTRA WOOD BLOCKING IN CEILING FOR DECOR
  - CENTER PENDANTS OVER TABLE TOPS UNO
  - GC TO ENSURE CEILING TILE MEETS LOCAL HEALTH CODE REQUIREMENTS.
- GENERAL NOTES**
- GC TO COORDINATE HVAC DIFFUSERS AND GENERAL LIGHTING ON ARCHITECTURAL DWGS WITH LIGHTING PLAN SHOWN. GC TO NOTIFY CDG IF PENDANT / CLG DECOR LOCATIONS INTERFERE WITH INSTALLATION.

**NOTE: FOR ELECTRICAL COUNTS ONLY, DIMENSIONS ARE FORTHCOMING**



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GARDEN GRILL - FURNITURE & DECOR (ALL ITEMS BY CDG UNO)							
CATEGORY	TYPE	QTY	SKU	DESCRIPTION/ PRODUCT NAME	CODE	FINISHES	COMMENTS
BANQUETTES	A 42D	3	BS-BK100-42D-31137	42" DOUBLE BOOTH W/ 40"H WALL & 17"H BACKPAD	UPH-10G UPH-7G SS-8G PL-19G PL-15G MF-2G	BACKPAD: MAHARAM, LARIAT 440401, 007 OYSTER SEAT: MAHARAM, LARIAT 440401, 010 TAUPE TOPCAP: CORIAN, DEEP NOCTURNE SEAT FRAME: PIONITE, SE1015 BLACK WALL: NEVAMAR W0011T MACCHIATO EDGES: MACCHIATO PVC EDGE METAL LEG SUPPORTS: FLAT BLACK	
	B 42S	2	BS-BK100-42S-31130	42" SINGLE BOOTH WALL MOUNTED W/ REAR SUPPORT LEGS & 17"H BACKPAD	UPH-10G UPH-7G PL-19G MF-2G	BACKPAD: MAHARAM, LARIAT 440401, 007 OYSTER SEAT: MAHARAM, LARIAT 440401, 010 TAUPE SEAT FRAME: PIONITE, SE1015 BLACK METAL LEG SUPPORTS: FLAT BLACK	
	B 60S	3	BS-BK100-60S-31130	60" SINGLE BOOTH WALL MOUNTED W/ REAR SUPPORT LEGS & 17"H BACKPAD	UPH-10G UPH-7G PL-19G MF-2G	BACKPAD: MAHARAM, LARIAT 440401, 007 OYSTER SEAT: MAHARAM, LARIAT 440401, 010 TAUPE SEAT FRAME: PIONITE, SE1015 BLACK METAL LEG SUPPORTS: FLAT BLACK	
CHAIRS & STOOLS	A	16	CH-BK1600	KATLUN WOOD CHAIR		SEAT & BACK: BENT PLYWOOD BIRCH VENEER STAINED FRAME: BLACK	
	B	6	CH-BK1610	KATLUN WOOD BAR STOOL		SEAT & BACK: BENT PLYWOOD BIRCH VENEER STAINED FRAME: BLACK	
	C	6	CH-BK1700-BRONZE	BISTRO STEEL CHAIR LIXTO COLLECTION; MODEL # TCCH-74522-BR		FINISH: BRONZE	
	D	2	US-CB500-U527-PC507	CDG JAYDEN LOUNGE CHAIR	UPH-10G	FINISH: MAHARAM, LARIAT 440401, 007 OYSTER LEGS: STATUARY BRONZE	
STEEL	CM1	4	CM1-PC508	CM-1 32-3/4" TABLE STAND	MF-1G	FLAT BLACK	
	CM2	4	CM2-PC508	CM-2 32-3/4" OFFSET TABLE STAND	MF-1G	FLAT BLACK	
	CM43	4	CM43-PC508	CM-43 32-1/2" HD ANGLED STAND	MF-1G	FLAT BLACK	
	CM44	2	CM44-PC508	CM-44 44-3/4" HD ANGLED STAND BAR HGT	MF-1G	FLAT BLACK	
	LB7	1	ST-CB-LB7-16X16-PC508	LB7 LOOSE METAL; 24" AFF TABLE (16"X16" SQ PLATE BASE) W/ 3" SQ COLUMN	MF-1G	FLAT BLACK	
	LB8	2	ST-CB-LB8-16X16-PC508	LB8 LOOSE METAL; 30" AFF TABLE (16"X16" SQ PLATE BASE) W/ 3" SQ COLUMN	MF-1G	FLAT BLACK	
TABLE TOPS	A2222	1	TT-BK200-2222-LM509	22" X 22" LAMINATE TABLE TOP W/ REHAU EDGE	PL-9G MEB-1G	TOP: NEVAMAR, WK0017T VENERABLE OLD OAK EDGE: EDGE: REHAU 309423-014/592E (DOELKEN MULTIPLEX MATCH)	GC TO PLACE AT LOUNGE AREA
	A2420	2	TT-BK200-2420-LM509	24" X 20" LAMINATE TABLE TOP W/ REHAU EDGE	PL-9G MEB-1G	TOP: NEVAMAR, WK0017T VENERABLE OLD OAK EDGE: EDGE: REHAU 309423-014/592E (DOELKEN MULTIPLEX MATCH)	
	A2442	4	TT-BK200-2442-LM509	24" X 42" LAMINATE TABLE TOP W/ REHAU EDGE	PL-9G MEB-1G	TOP: NEVAMAR, WK0017T VENERABLE OLD OAK EDGE: EDGE: REHAU 309423-014/592E (DOELKEN MULTIPLEX MATCH)	
	A2442A	2	TT-BK200-2442A-0001	24" X 42" LAMINATE TABLE TOP W/ REHAU EDGE & BLACK ADA LOGO	PL-9G MEB-1G	TOP: NEVAMAR, WK0017T VENERABLE OLD OAK EDGE: EDGE: REHAU 309423-014/592E (DOELKEN MULTIPLEX MATCH)	
	B3636	3	TT-BK200-38-3636-0001	36" X 36" LAMINATE TABLE TOP 3 BANDS W/ REHAU EDGE	PL-15G PL-16G PL-17G MEB-1G	TOP: NEVAMAR W0011T MACCHIATO TOP: NEVAMAR W22001T SANTA ROSA PLUM TREE TOP: NEVAMAR W0013-T CARAMEL MACCHIATO EDGE: EDGE: REHAU 309423-014/592E (DOELKEN MULTIPLEX MATCH)	
	B3636A	1	TT-BK200-38-3636A-0001	36" X 36" LAMINATE TABLE TOP 3 BANDS W/ REHAU EDGE & BLACK ADA LOGO	PL-15G PL-16G PL-17G MEB-1G	TOP: NEVAMAR W0011T MACCHIATO TOP: NEVAMAR W22001T SANTA ROSA PLUM TREE TOP: NEVAMAR W0013-T CARAMEL MACCHIATO EDGE: EDGE: REHAU 309423-014/592E (DOELKEN MULTIPLEX MATCH)	
TRASH	A	2	WR-BK310-S-0207	BKC GARDEN GRILL SINGLE TRASH UNIT LOGO; EXTRA LARGE, 44 GAL LINER	PL-9G SS-8G	BODY & MAIN DOOR: NEVAMAR, WK0017T VENERABLE TOP & TRAY SLIDES: CORIAN, DEEP NOCTURNE EDGE BANDING: 3MM x 15/16" BLACK TRASH BODY TEE MOUNT: BLACK 1" CENTER BARB METAL FINISH: FLAT BLACK	
		1	WR-CB110-PC508	EXTRA LINER 44 GAL WITH STEEL TROLLEY & CASTERS		TROLLEY: FLAT BLACK	

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Burger King Restaurant  
GREENCASTLE, PA 180113: BK#A30729:  
MAIN & MAIN  
JRM

SHEET TITLE  
FURNITURE SCHEDULE

SHEET  
ID-18

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1 SINGLE TRASH "A"

2 DIVIDER WALL

3 QUEUE RAIL

4 CEILING TRELLIS A2

5 CEILING PERGOLA A3

6 COLLAGE WALL (BY CDG)

7 HERITAGE WALL (BY CDG)

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GREENCASTLE, PA 180113: BK#A30729:  
MAIN & MAIN  
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SHEET TITLE  
FURNITURE DETAILS

SHEET  
ID-16

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GARDEN GRILL - FURNITURE & DECOR (ALL ITEMS BY CDG UNO)								
CATEGORY	TYPE	QTY	SKU	DESCRIPTION/ PRODUCT NAME	CODE	FINISHES	COMMENTS	
SIGNAGE	A1A	1	CDG-DC-000053	HANDICAP WOMEN'S RESTROOM SIGN 6X9		BLACK		
	A1B	1	CDG-DC-000054	HANDICAP MEN'S RESTROOM SIGN 6X9		BLACK		
CEILING DÉCOR	A2	LOT	CDG-DC-GG-TRELLIS	6" X 6" GARDEN GRILL TRELLIS CEILING ELEMENT ; W/ HOLES PRE-CUT FOR LIGHTS	WS-3G	OMNIVIA SOLUTIONS: SURF (X) ALMOND CHERRY 12 MIL 3D LAMINATE ON PVC	GC TO PROVIDE EXTRA WOOD BLOCKING ABOVE CEILING TO MOUNT DÉCOR & PROVIDE LIGHT FIXTURES	
	A3	1	SC-BK300-68X60-0001	BKC CEILING WOOD SLAT PERGOLA FOR 6 SEATER COMMUNAL TABLE 68X60X7	PL-16G PL-18G MF-3G P-6G	BOARDS: NEVAMAR W22001T SANTA ROSA PLUM TREE CENTER BOARDS INSIDE ONLY: NEVAMAR #S03300-E CAFE SIENNA ALUM CHANNEL: PWD COATED BROWN TO MATCH P-GG SUPPORT SYSTEM: STATUARY BRONZE #9611-01069	GC TO PROVIDE EXTRA WOOD BLOCKING ABOVE CEILING TO MOUNT DÉCOR; GC TO MOUNT WITH RED LAMINATE FACING EXTERIOR WINDOWS	
PARTITIONS: 40" AFF	A4A	1	DC-BK1230-42-0407	BKC FLOATING CD DIVIDER WALL W/ PVC EDGES & 9" FLOAT 42X40X4	PL-15G SS-8G	WALL: NEVAMAR W0011T MACCHIATO TOPCAP: CORIAN, DEEP NOCTURNE EDGES: 3MM MACCHIATO PVC METAL LEG SUPPORTS: FLAT BLACK	(2) 3.5" DIA. CORE DRILL HOLES REQ'D	
	A4B	1	DC-BK1231-42-0407	BKC FLOATING BOLT DOWN DIVIDER WALL W/ PVC EDGES & 9" FLOAT 42X40X4	PL-15G SS-8G MF-2G	WALL: NEVAMAR W0011T MACCHIATO TOPCAP: CORIAN, DEEP NOCTURNE EDGES: 3MM MACCHIATO PVC METAL LEG SUPPORTS: FLAT BLACK FINISH: STAINLESS STEEL	GC TO BOLT DOWN IN FIELD	
QUEUE RAILING	A5	1	QR-BK100-84	BKC STEEL QUEUE RAILING 42 W/RADIUS CORNERS		FINISH: STAINLESS STEEL	(2) 3" DIA. CORE DRILL HOLES REQ'D	
TABLES COMMUNAL	A6	1	TC-BK1500-6	BKC SOLID WOOD COMMUNAL TABLE 6 SEATER W/ BKC BRANDED LOGO & PURSE HOOKS 78" X 30" W X 1 3/4" THK		FINISH: AMERICAN WHITE OAK (SALVAGED) LIGHTLY TOASTED CONVERSION SATIN VARNISH BRANDED LOGO DETAIL INCLUDES: 4 PURSE HOOKS ANTIQUE BRONZE FINISH		
	A7	1	CDG-TT-BKPURSEHOOK-BRNZ	ANTIQUE BRONZE PURSE HOOK FOR COMMUNITY TABLE			TO BE INSTALLED ON COMMUNITY TABLE A8	
MISC. ART	A8	1	CDG-ART-000033	BK MANIFESTO WALL ART 30X42 BK				
		1	CDG-ART-000018	BK HW GRAPHIC, FRAME: 13"X16"; GRAPHIC 6"X6"; A1				
		1	CDG-ART-000020	BK HW GRAPHIC, FRAME: 13"X16"; GRAPHIC 6"X6"; A4				
		1	CDG-ART-000024	BK HW GRAPHIC, FRAME: 13"X16"; GRAPHIC 6"X6"; C1				
		1	CDG-ART-000033	BK HW GRAPHIC, FRAME: 13"X16"; GRAPHIC 6"X6"; C2				
		1	CDG-ART-000025	BK HW GRAPHIC, FRAME: 20"X12"; GRAPHIC 12"X9"; D3				
		1	CDG-ART-000028	BK HW GRAPHIC, FRAME: 17"X20"; GRAPHIC 9"X12"; D5				
		1	CDG-ART-000030	BK HW GRAPHIC, FRAME: 11"X15"; GRAPHIC 11"X15"; E2				
		1	CDG-DC-000057	"FLAME GRILLING SINCE 1954" 60" X 4" X 3/16" LASER CUT METAL SIGN				
		1	CDG-DC-000033	BK COLLAGE WALL				

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Burger King Restaurant  
GREENCASTLE, PA 180113: BK#A30729:  
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SHEET TITLE  
DECOR SCHEDULE

SHEET  
ID-19

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REFER TO FINISH PLAN ID-04 FOR GRAPHIC LOCATIONS, QUANTITIES & SIZES

FOOD PANEL GRAPHICS  
WALL DECOR ELEMENTS HIERARCHY #2

MANIFESTO GRAPHIC PROVIDED BY CDG

OPTIONAL AT BEVERAGE CENTER

HERITAGE WALL PROVIDED BY CDG

FLAME GRILLING MESSAGE PROVIDED BY CDG

GC PURCHASED ART & DECOR

WIP-2G MARLITE PANELING  
CDG to provide paneling & moulding; GC to contact manufacturer for installation instructions.

MIKE FRESH  
330.260.7623  
mifresh@marlite.com

MOSSI RETAIL & ENVIRONMENTS  
2643 WEST CHICAGO AVE  
CHICAGO, IL 60622-4519

ROB LORTS - 773.435.7600 EXT. 655  
rob@mossi.com

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VISUAL GRAPHIC SYSTEMS, INC.  
300 WASHINGTON AVE  
CARLSTADT, NJ 07072

GREG MOROZ - 330.268.7587  
BURGERKING@VGS-INC.COM  
FAX: 201.628.8990  
PHONE: 1.800.203.0307  
WWW.VGSONLINE.COM  
(NO VERBAL PHONE ORDER ACCEPTED)

- Food Panel Art
- Other Signage
- Drink Station Branding Art

NAUTICAL FURNISHINGS  
MICHAEL HOGLUND - 954.771.1100  
mhoglund@nauticalfurnishings.com

- Door Handles

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Burger King Restaurant  
GREENCASTLE, PA 180113: BK#A30729:  
MAIN & MAIN  
JRM

SHEET TITLE  
GRAPHICS

SHEET  
ID-17

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Table with columns: CODE, MATERIAL, LOCATION, MANUFACTURER, PRODUCT, DESCRIPTION, COLOR, DIMENSION, ADDITIONAL INFORMATION. Includes sections for INTERIOR MATERIALS & FINISH SCHEDULE, SOLID SURFACES, and DÉCOR.

casablanca DESIGN GROUP logo and project information for Burger King Restaurant, GreenCastle, PA 180113. Includes sheet title 'BUILDING FINISH SCHEDULE' and sheet number 'ID-22'.

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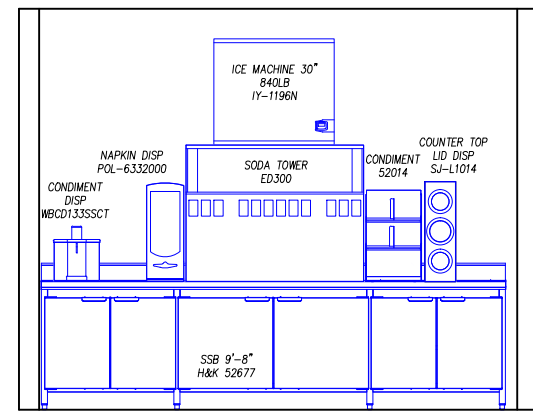
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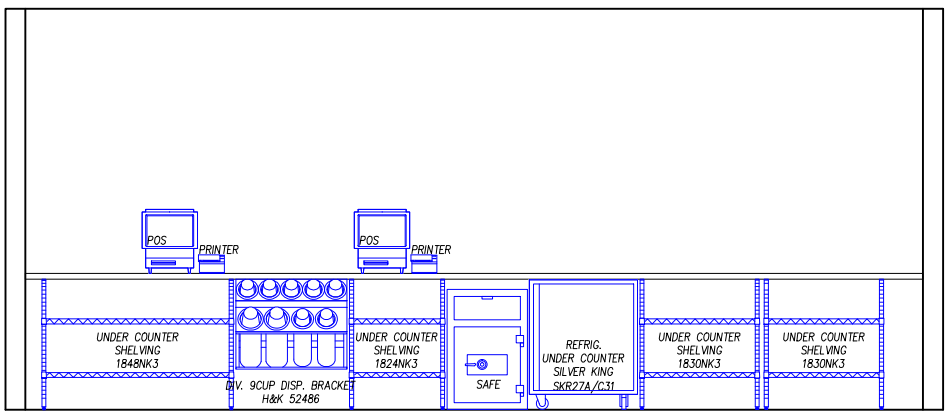
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Table with columns: CODE, MATERIAL, LOCATION, MANUFACTURER, PRODUCT, DESCRIPTION, COLOR, DIMENSION, ADDITIONAL INFORMATION. Includes sections for INTERIOR MATERIALS & FINISH SCHEDULE, SOLID SURFACES, and DÉCOR.

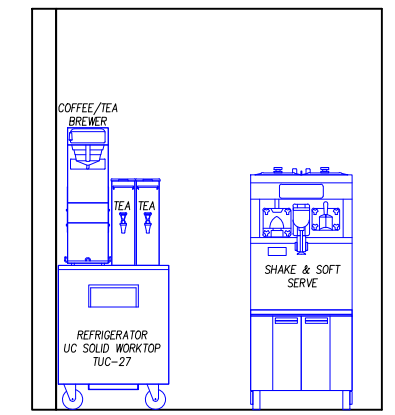
casablanca DESIGN GROUP logo and project information for Burger King Restaurant, GreenCastle, PA 180113. Includes sheet title 'BUILDING FINISH SCHEDULE' and sheet number 'ID-21'.



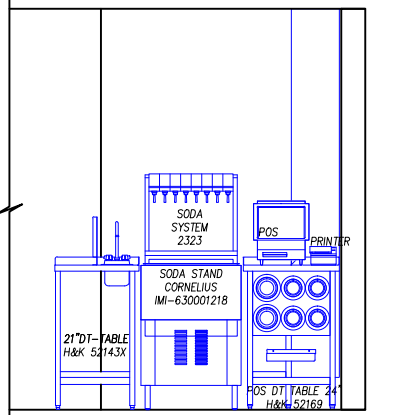
**A SELF SERVE ELEVATION**  
REVISED



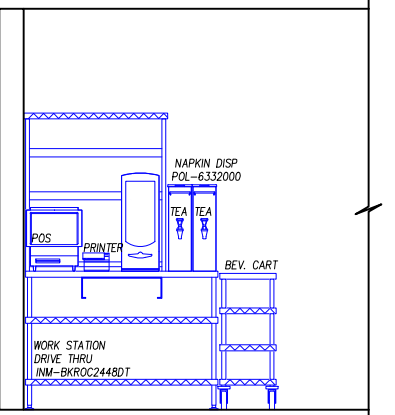
**B FRONT COUNTER ELEVATION**  
REVISED



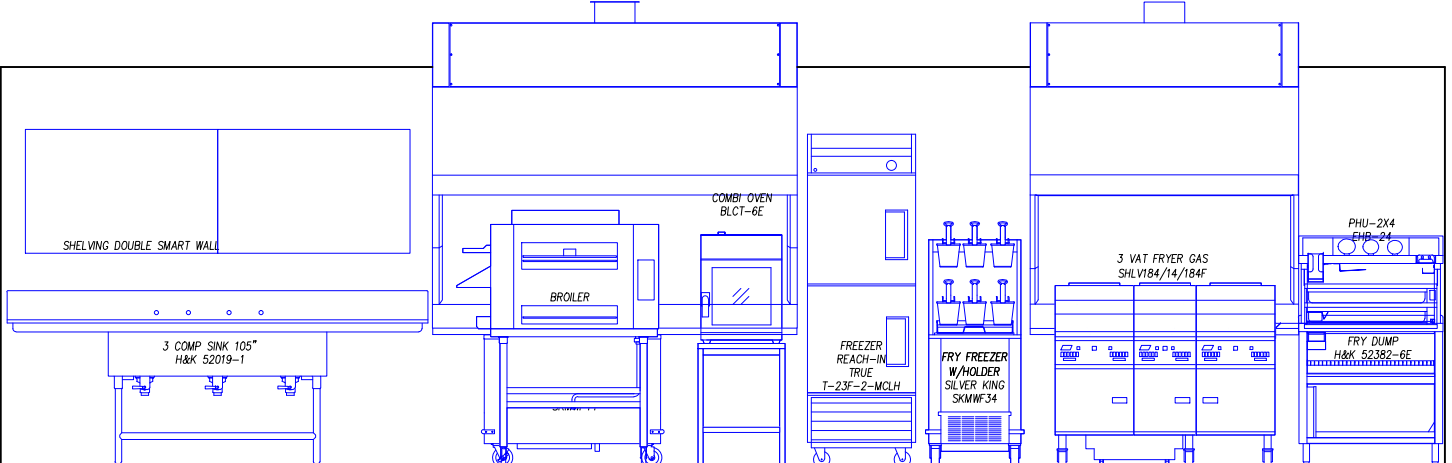
**C BEVERAGE CELL ELEVATION**  
REVISED



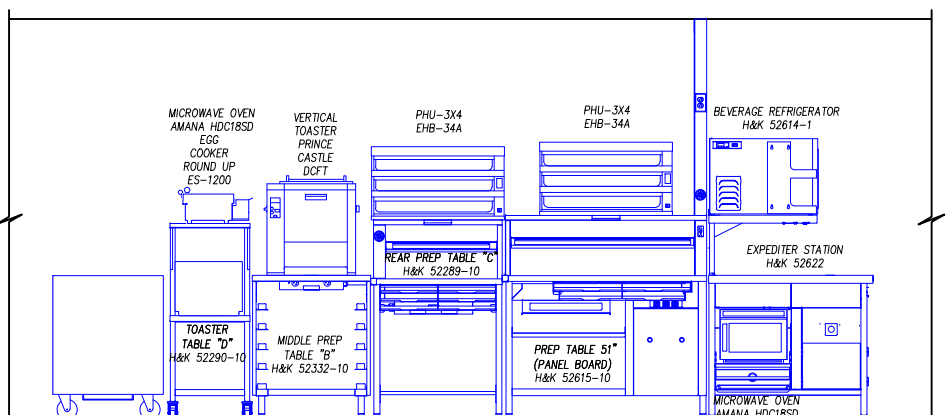
**D DT PRIMARY ELEVATION**  
REVISED



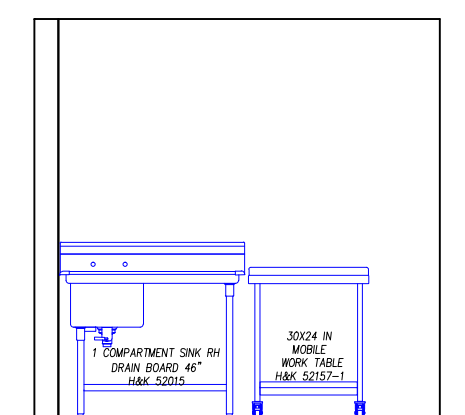
**E DT SECONDARY ELEVATION**  
REVISED



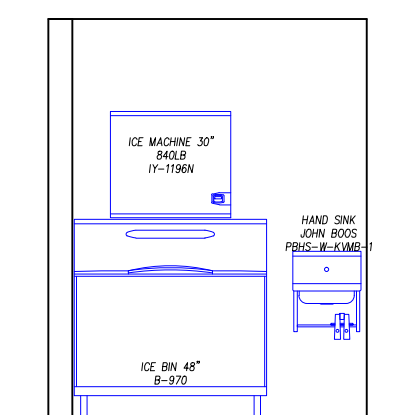
**F FRYER / BROILER HOOD ELEVATION**  
REVISED



**G PREP LINE ELEVATION**  
REVISED

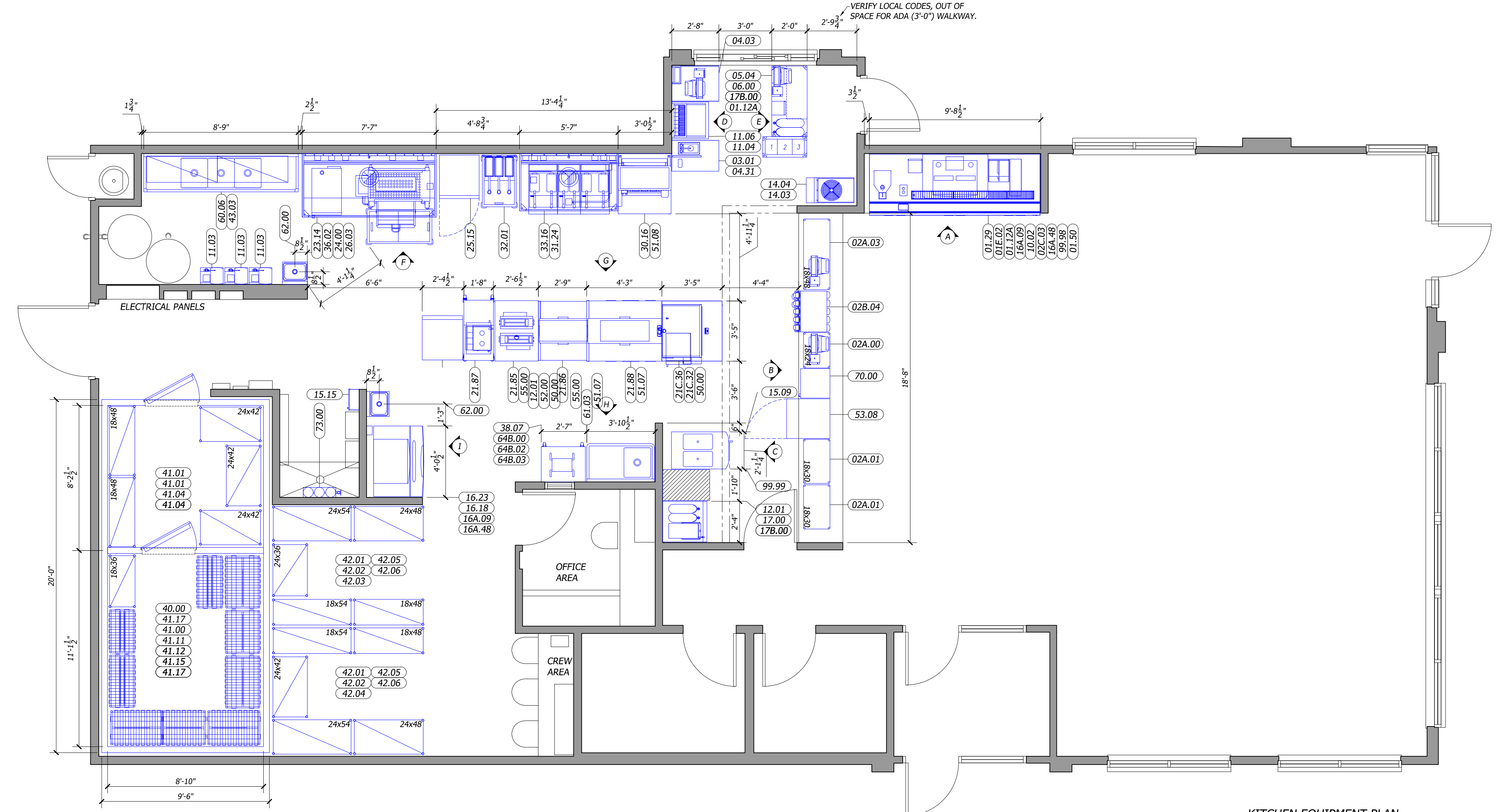


**H VEGETABLE SINK ELEVATION**  
REVISED



**I ICE MACHINE ELEVATION**  
REVISED

**BUILDING LAYOUT DRAWN FROM ARCHITECTURAL**  
 DATE OF DRAWING: 03/09/18



**KITCHEN EQUIPMENT PLAN**  
REVISED

- GENERAL CONTRACTOR NOTES**
- ALL EQUIPMENT SHALL BEAR THE N. S. F. SEAL.
  - ALL PORTIONS OF WORK SHALL BE DONE IN ACCORDANCE WITH N. S. F. STANDARDS, APPLICABLE LOCAL, STATE AND NATIONAL CODES, ORDINANCES AND STANDARDS.
  - NOTIFY H&K'S PROJECT MANAGER IMMEDIATELY IF COMPLIANCE WITH A LOCAL, STATE OR NATIONAL CODE IS IN CONFLICT WITH THESE DRAWINGS.
  - NOTIFY H&K'S PROJECT MANAGER IMMEDIATELY IF THESE DRAWINGS DIFFER FROM THE ARCHITECTURAL BUILDING DRAWINGS.
  - G. C. TO VERIFY THE REQUIREMENTS FOR ITEMS NOT PROVIDED BY H&K.
  - ITEMS MAY BE LISTED IN THE EQUIPMENT SCHEDULE BUT NOT SHOWN ON THE DRAWING.
  - H&K'S DRAWINGS INCLUDE ONLY THOSE REQUIREMENTS FOR SPECIFIC KITCHEN EQUIPMENT PROVIDED BY H&K. REFER TO THE ARCHITECTURAL BUILDING DRAWINGS FOR LOCATIONS OF OTHER REQUIREMENTS. H&K ASSUMES NO RESPONSIBILITY FOR EQUIPMENT SUPPLIED BY OTHERS OR EXISTING. (VERIFY BY RESPECTIVE TRADES).
  - G. C. TO SET REMOTE CONDENSING UNIT(S) ON THE BUILDING ROOF. REFER TO SHEET A-5 OF MASTER BURGER KING DRAWINGS FOR DETAILS.
  - G. C. TO PROVIDE AND INSTALL EQUIPMENT STANDS AND PITCH PANS FOR BUILDING ROOF MOUNTED CONDENSING UNIT(S).
  - G. C. SHALL PROVIDE FOR ACCESS FOR THE EQUIPMENT TRUCK TO WITHIN 10' (3m) OF THE BUILDING DOOR(S) PRIOR TO THE ARRIVAL OF THE EQUIPMENT TRUCK AT THE RESTAURANT.
  - "BY OWNER" SUPPLIED EQUIPMENT WILL BE LISTED IN THE EQUIPMENT SCHEDULE ON SHEET 1.
  - UTILITY AMOUNTS ARE ACTUAL MAXIMUM OPERATING AMOUNTS FOR EQUIPMENT. ALLOW FOR OVERAGE WHEN SIZING PANEL BOX.
  - ALL DIMENSIONS ARE FROM FINISHED WALLS, COLUMN CENTERLINES AND FINISHED FLOOR. DIMENSIONS ABOVE FINISHED FLOOR TO CENTERLINE OF ROUGH-IN.
  - ALL UTILITY MATERIALS NECESSARY TO PERFORM COMPLETE CONNECTION OF EQUIPMENT WILL BE DONE BY ELECTRICAL, PLUMBING OR MECHANICAL CONTRACTOR.
  - ALL DRAWINGS PREPARED BY H&K ARE THE PROPERTY OF H&K. REPRODUCTION, DISTRIBUTION OR ALTERATION WITHOUT WRITTEN AUTHORIZATION FROM H&K IS PROHIBITED.

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H&K INTERNATIONAL DOES NOT ASSUME RESPONSIBILITY FOR EQUIPMENT SUPPLIED BY OTHER PARTIES.

H&K INTERNATIONAL 103014

**SYMBOL LEGEND**

	RECEPTACLES		EXISTING FULL WALL
	JUNCTION BOX		EXISTING LOW WALL
	EXHAUST DUCT ABOVE HOOD		NEW FULL WALL
	GAS LINE		NEW LOW WALL
	WATER LINE		OPTIONAL EQUIPMENT
	DRAIN LINE		NEW EQUIPMENT ON EQUIPMENT PLAN
	FLOOR SINK		RELOCATED EQUIPMENT ON EQUIPMENT PLAN
	FLOOR DRAIN		EXISTING EQUIPMENT
			EQUIPMENT ON ROUGH-IN PLAN
			EXISTING TRUSSES
			SERVICE AREA
			NEW MENU BOARD VALANCE

DATE:	DATE:	DATE:	DATE:
09/MAR/18			
DRAWN: SZ			
CHECKED: FG			
SCALE: SEE PLAN			
REVISION	BY	DATE	DESCRIPTION

TITLE: **KITCHEN\_LAYOUT**  
**GREENCASTLE, PA**

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CUSTOMER: **BURGER-KING CORPORATION**

SHEET: **1 OF 4**

STORE NO: **00391**

SHEET NO: **K-1**



EQUIPMENT SCHEDULE				
ITEM#	QTY	DESCRIPTION	MANUFACTURER	MODELNO.
01.12A	2	LICORICE XPRESS STAND NAPKIN DISPENSER	TORK	POL-6332000-BK
01.29	1	SELF SERVE BEVERAGE COUNTER, 9'-8"	H&K	52677
01.50	1	COUNTER TOP LID DISPENSER	SAN JAMAR	SJ-L1014BK
01E.02	1	CONDIMENT DISP, COUNTERTOP (BK)	WUNDER-BAR	ABC-WBCD133SSCT
02A.00	1	TWO TIER UNDER COUNTER SHELVING	INTERMETRO	1824NK3
02A.01	2	TWO TIER UNDER COUNTER SHELVING	INTERMETRO	1830NK3
02A.03	1	TWO TIER UNDER COUNTER SHELVING	INTERMETRO	1848NK3
02B.04	1	BK BRACKET, 9 UNIVERSAL CUP DISPENSER	H&K	52486
02C.03	1	BK UNIVERSAL CONDIMENT DISPENSER	H&K	52014
03.01	1	HAND SINK FOR DR-THRU TABLE	STAINLESS	P-5-113
04.03	1	BK 24 IN POS DT TABLE W/O CASH DRAWER	H&K	52169
04.31	1	BK 21 IN POS DRIVE THRU TABLE W/SINK CUT OUT ON RIGHT	H&K	52143X
05.04	1	WORK STATION, DRIVE THRU 48"	INTERMETRO	BKROC2448
06.00	1	CART, BEVERAGE STATION DRIVE THRU 1-2-3	INTERMETRO	INM-BKBC1430
10.02	1	12 V SODA SYSTEM W/ICE	CORNELIUS	ED300
11.03	3	CARBONATOR, HIGH VOLUME	CORNELIUS	IMI-416424000
11.04	1	DROP IN DISPENSER 8V CB2323	CORNELIUS	IMI167995112
11.06	1	STAND WITH 6" LEGS	CORNELIUS	IMI-630001218
12.01	2	UNDER COUNTER REFRIGERATOR SOLID WORK TOP	TRUE	TUC-27
14.03	1	BASE CART, 2BRL	BY OWNER	-
14.04	1	FROZEN COKE MACHINE 352	BY OWNER	-
15.09	1	SHAKE & SOFT SERVE	BY OWNER	-
15.15	1	S/S CABINET BRUSHES	BY OWNER	-
16.18	1	ICE MACHINE CHASE	H&K	BZM342
16.23	1	ICE BIN 710LB CAPACITY	MANITOWOC	B-970
16A.09	2	ICE MACHINE 840LB	MANITOWOC	IY-1196-261
16A.48	2	REMOTE CONDENSER	MANITOWOC	JC0995
17.00	1	COFFEE/TEA BREWER	BUNN	ITCB
17B.00	4	TEA DISPENSER	BUNN	TDO-N-3.5
21.85	1	BK MIDDLE PREP TABLE (BUN RACK)	H&K	52332-10
21.86	1	BK REAR PREP TABLE (REFRIG UNDERCOUNTER)	H&K	52289-10
21.87	1	BK MOBILE TOASTER TABLE 20IN	H&K	52290-10
21.88	1	BK FRONT PREP TABLE 51IN	H&K	52615-10
21C.32	1	BK EXPEDITER STATION	H&K	52622
21C.36	1	BK ECONO LINE BEVERAGE REFRIGERATOR	H&K	52614-1
23.14	1	7'-7" BROILER/OVEN HOOD ROC STORES	H&K	52415-1
24.00	1	BROILER	BY OWNER	-

25.15	1	FREEZER, REACH-IN	TRUE	T23F-2-MCLH
26.03	1	MEAT FREEZER 44"	SILVER KING	SKMWF44
30.16	1	UNIVERSAL FRY DUMP STATION S/S/NEXT GENERATION	H&K	52382-6E
31.24	1	3 VAT FRYER GAS	PITCO	SE184/14X/184
32.01	1	FRY FREEZER W/RACK & TRAY	SILVER KING	SKMWF34
33.16	1	5'-7" FRYER HOOD WALL MOUNT	H&K	52424-1
36.02	1	COMBI OVEN STEAMER ELECTRIC	BLODGETT	BLCT-6E
38.07	1	30X24 IN MOBILE WORK TABLE	H&K	52157-1
40.00	1	WALK-IN COOLER/FREEZER	KOLPAK	CUSTOM
41.00	1	18Wx36L WIRE SHELF 4 TIER	INTERMETRO	-
41.01	2	18Wx48L WIRE SHELF 4 TIER	INTERMETRO	-
41.04	3	24Wx42L WIRE SHELF 4 TIER	INTERMETRO	-
41.11	1	DUNNAGE RACK 18x30	INTERMETRO	HP32K3
41.12	2	DUNNAGE RACK 18x36	INTERMETRO	HP33K3
41.15	2	DUNNAGE RACK 24x30	INTERMETRO	HP52K3
41.17	4	DUNNAGE RACK 24x36	INTERMETRO	HP53K3
42.01	2	18Wx48L WIRE SHELF 4 TIER - DRY STORAGE	INTERMETRO	-
42.02	2	18Wx54L WIRE SHELF 4 TIER - DRY STORAGE	INTERMETRO	-
42.03	1	24Wx36L WIRE SHELF 4 TIER - DRY STORAGE	INTERMETRO	-
42.04	1	24Wx42L WIRE SHELF 4 TIER - DRY STORAGE	INTERMETRO	-
42.05	2	24Wx48L WIRE SHELF 4 TIER - DRY STORAGE	INTERMETRO	-
42.06	2	24Wx54L WIRE SHELF 4 TIER - DRY STORAGE	INTERMETRO	-
43.03	1	SHELVING SMART WALL	INTERMETRO	BKSWP8446DBL
50.00	2	MICROWAVE OVEN	AMANA	HDC18SD
51.07	2	PHU - 3X4	PRINCE CASTLE	PPCC-EHB34A
51.08	1	PHU - 2X4	PRINCE CASTLE	PPCC-EHB24
52.00	1	EGG COOKER	ROUND UP	ES-1200
53.08	1	UNDERCOUNTER REFRIG	SILVER KING	SKR27A/C31
55.00	2	VERTICAL TOASTER	PRINCE CASTLE	DCFT
60.06	1	BK 3-COMPARTMENT SINK 105"	H&K	52019-1
61.03	1	BK 1-COMPARTMENT SINK W/HR DRN BOARD, 46"	H&K	52015
62.00	2	HAND SINK	JOHN BOOS	PBHS-W-KVMB-1
64B.00	1	SABER KING MULTI-SLICER FRAME	PRINCE CASTLE	PCC-980-000-00
64B.02	1	1/4" TOMATO BLADE/PUSHER HEAD	PRINCE CASTLE	PCC-980-000-12A
64B.03	1	3/16" ONION BLADE/PUSHER HEAD	PRINCE CASTLE	PCC-980-000-20A
70.00	1	SAFE, FRONT DROP	BY OWNER	-
73.00	1	WATER FILTER	SELECTO	SEL-80-6202
99.98	1	DISPENSER, NAPKIN: XPRESS D/T	CUSTOM	-
99.99	1	BK 21' POS D/T TABLE NO CASH DRAWER	CUSTOM	-

**BUILDING LAYOUT DRAWN  
FROM ARCHITECTURAL**  
DATE OF DRAWING: 03/09/18

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H&K INTERNATIONAL 103014

SYMBOL LEGEND	
	EXISTING FULL WALL
	EXISTING LOW WALL
	NEW FULL WALL
	NEW LOW WALL
	OPTIONAL EQUIPMENT
	NEW EQUIPMENT ON EQUIPMENT PLAN
	RELOCATED EQUIPMENT ON EQUIPMENT PLAN
	EXISTING EQUIPMENT
	EQUIPMENT ON ROUGH-IN PLAN
	EXISTING TRUSSES
	SERVICE AREA
	NEW MENU BOARD VALANCE

DATE:	DATE:	DATE:	DATE:
09MAR18			
DRAWN: SZ			
CHECKED: FG			
SCALE: SEE PLAN			

CUSTOMER: **BURGER-KING CORPORATION**

TITLE: **KITCHEN\_LAYOUT GREENCASTLE,PA**

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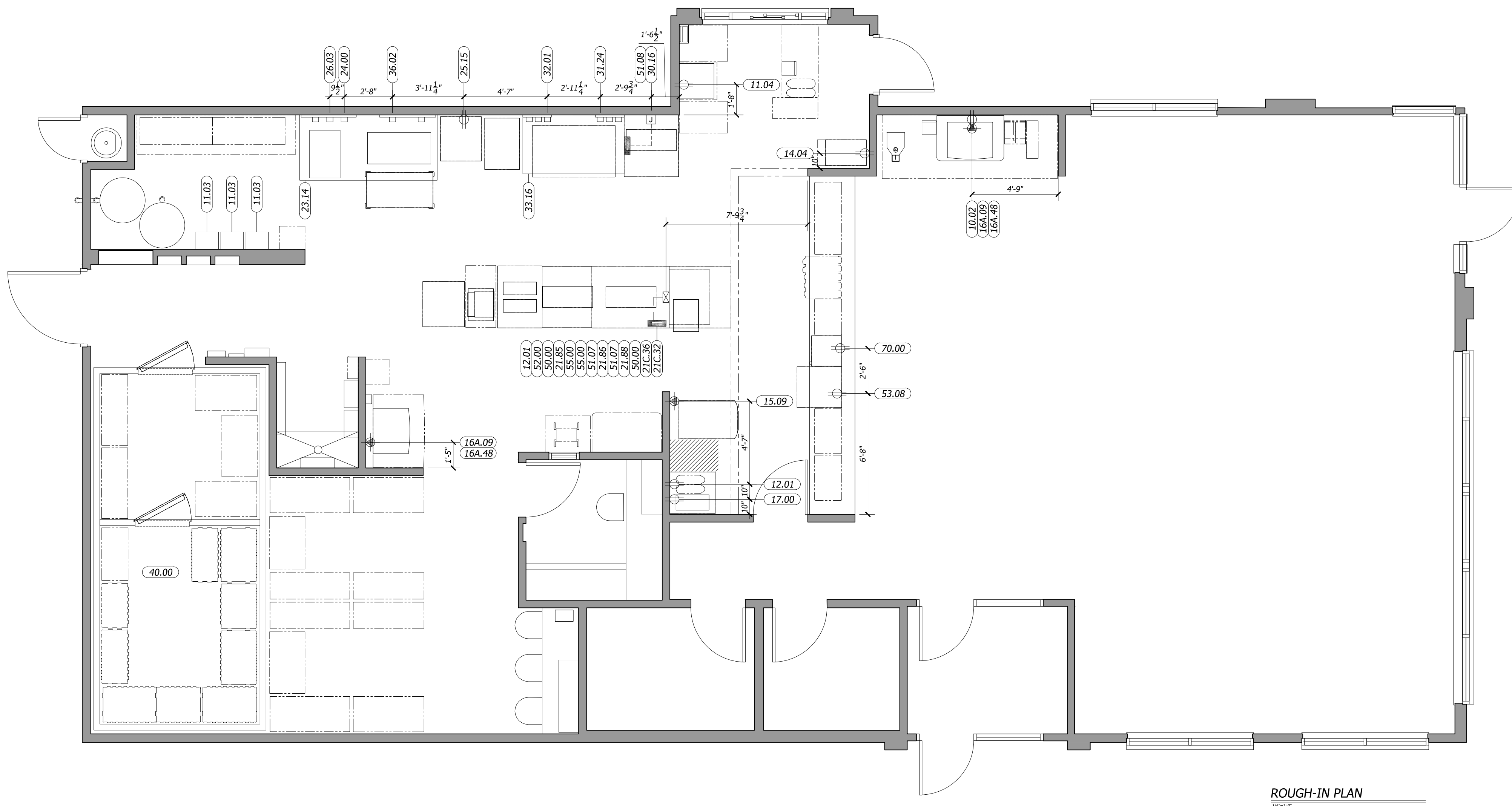
SHEET: **2 OF 4**

STORE NO: **00391**

SHEET NO: **K-2**

ELECTRICAL SCHEDULE

ERITEM_NO	QTY	DESCRIPTION	110-127V/PH/60HZ	AMPS	AFF. (IN)	ELECTRICAL_REMARKS
10.02	1	12 V SODA SYSTEM W/ICE	115V/1/60HZ	5.2	18	-
11.03	3	CARBONATOR, HIGH VOLUME	115/1/60HZ	7.2	84	-
11.04	1	DROP IN DISPENSER 8V CB2323	115/1/60HZ	1.5	18	-
12.01	1	UNDER COUNTER REFRIGERATOR SOLID WORK TOP	115V/1/60HZ	3.9	18	-
12.01	1	UNDER COUNTER REFRIGERATOR SOLID WORK TOP	115V/1/60HZ	3.9	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
14.04	1	FROZEN COKE MACHINE 352	VERIFY	VERIFY	VERIFY	VERIFY UTILITY REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT
15.09	1	SHAKE & SOFT SERVE	VERIFY	VERIFY	VERIFY	VERIFY UTILITY REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT
16A.09	2	ICE MACHINE 840LB	208-230V/1/60HZ	12.9	60	20A MAX. FUSE SIZE
16A.48	2	REMOTE CONDENSER	208-230V/1/60HZ	11.6	-	15A MAX. FUSE SIZE/POWER SUPPLY FOR REMOTE CONDENSER DRAWN FOR ICE MAKER, EC TO CONNECT / VERIFY LOCATION OF REMOTE CONDENSER
17.00	1	COFFEE/ TEA BREWER	120/208V/1/60	13	50	-
21.85	1	BK MIDDLE PREP TABLE (BUN RACK)	-	-	-	EC TO WIRE TABLES TOGETHER THRU PRE-WIRED TERMINAL BLOCK
21.86	1	BK REAR PREP TABLE (REFRIG UNDERCOUNTER)	-	-	-	EC TO WIRE TABLES TOGETHER THRU PRE-WIRED TERMINAL BLOCK
21.88	1	BK FRONT PREP TABLE	120/208V/3/60HZ	125	FR/CEILING	EC TO WIRE TABLES TOGETHER THRU PRE-WIRED TERMINAL BLOCK AND TO CONNECT BREAKER PANEL IN EQUIPMENT TO MAIN PANEL
21C.32	1	BK EXPEDITER STATION	120V/1/60HZ	6	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
21C.36	1	BK ECONO LINE BEVERAGE REFRIGERATOR	120V/1/60HZ	2	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21) 15A MAX. FUSE SIZE
23.14	1	7'-7" BROILER/OVEN HOOD ROC STORES	-	-	-	EC TO INTER-CONNECT FANS TO CONTROL PANEL AND ANSUL SYSTEM/ VERIFY WITH HOOD DRAWINGS
24.00	1	BROILER	VERIFY	VERIFY	-	VERIFY UTILITY REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT
25.15	1	FREEZER, REACH-IN	115V/1/60HZ	6.5	48	15A DEDICATED CIRCUIT REQUIRED
26.03	1	MEAT FREEZER 44"	115V/1/60HZ	6.8	-	CORD & PLUG/ CONNECT TO RECEPTACLE PROVIDED UNDER HOOD/ REFER TO HOOD DRAWINGS
30.16	1	UNIVERSAL FRY DUMP STATION S/SNEXT GENERATION	120-208V/1/60HZ	30	18	CIRCUIT 1 FRY DUMP: (120-208V/1/60HZ, 10A, 3 WIRE + GROUND), CIRCUIT 2 PHU: (208V/1/60HZ, 12A 2 WIRE + GROUND)
31.24	1	3 VAT FRYER GAS	115V/1/60HZ	8	-	CORD & PLUG/ CONNECT TO RECEPTACLE PROVIDED UNDER HOOD/ REFER TO HOOD DRAWINGS
32.01	1	FRY FREEZER W/RACK & TRAY	115V/1/60HZ	5.3	-	CORD & PLUG/ CONNECT TO RECEPTACLE PROVIDED UNDER HOOD/ REFER TO HOOD DRAWINGS
33.16	1	5'-7" FRYER HOOD WALL MOUNT	-	-	-	EC TO CONNECT RECEPTACLES AND INTER-CONNECT FANS TO CONTROL PANEL AND ANSUL SYSTEM/ VERIFY WITH HOOD DRAWINGS
36.02	1	COMBI OVEN STEAMER ELECTRIC	208V/3/60HZ	20	-	EC TO CONNECT TO RECEPTACLE UNDER HOOD / VERIFY WITH OWNER & HOOD DRAWINGS
40.00	1	WALK-IN COOLER/FREEZER	-	-	-	EC TO PROVIDE ELECTRICAL CONNECTIONS FOR LIGHTS AND HEATERS AND TO INTERCONNECT EVAPORATOR COIL TO CONDENSING UNIT/ REFER TO WIB DRAWINGS
50.00	2	MICROWAVE OVEN	208-240V/1/60HZ	15.3	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN EXPEDITER (#21C) OR PREP TABLE (#21)
51.07	2	PHU - 3X4	208-240V/1/60HZ	13.5-15.6	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
51.08	1	PHU - 2X4	208-240V/1/60HZ	9.0-10.4	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN FRY DUMP (#30)
52.00	1	EGG COOKER	208V/1/60HZ	11.4	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
53.08	1	UNDERCOUNTER REFRIG	115V/1/60HZ	2.7	18	-
55.00	2	VERTICAL TOASTER	208-240V/1/60HZ	13-15	-	CONNECT TO PRE-WIRED TO RECEPTACLE IN PREP TABLE (#21)
70.00	1	SAFE, FRONT DROP	VERIFY	VERIFY	VERIFY	VERIFY UTILITY REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT



GENERAL ELECTRICAL CONTRACTOR NOTES

- E. C. TO PROVIDE AND INSTALL RECEPTACLES, CAPS AND CORDS AS REQUIRED. CAPS AND CORDS ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- E. C. TO CONNECT ELECTRICAL SERVICE DIRECTLY TO EQUIPMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- E. C. TO RECONNECT ELECTRICAL CIRCUITS ON PREWIRED EQUIPMENT DISASSEMBLED FOR SHIPMENT.
- WHERE EQUIPMENT IS NOT PREWIRED, E. C. TO CONNECT THE ELECTRICAL SERVICE AND PROVIDE INTERWIRING AS REQUIRED.
- WHERE RECEPTACLES ARE PROVIDED WITH THE EQUIPMENT, D. C. TO PROVIDE AND INSTALL ELECTRICAL SERVICE DOWN FROM ABOVE THROUGH THE SERVICE CHASE PROVIDED WITH THE EQUIPMENT.
- H&K'S DRAWINGS INCLUDE ONLY THOSE RECEPTACLES REQUIRED FOR SPECIFIC KITCHEN EQUIPMENT. REFER TO THE ARCHITECTURAL BUILDING DRAWINGS FOR LOCATIONS OF UTILITY AND GENERAL PURPOSE RECEPTACLES.
- E. C. TO VERIFY THE UTILITY REQUIREMENTS FOR ITEMS NOT PROVIDED BY H&K.
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- NOTIFY H&K'S PROJECT MANAGER IMMEDIATELY IF COMPLIANCE WITH A LOCAL, STATE OR NATIONAL CODE IS IN CONFLICT WITH THESE DRAWINGS.
- ELECTRICALLY OPERATED OR HEATED EQUIPMENT SHALL BEAR THE U. L. OR R. U. SEAL.
- ALL 120V CONTROL WIRING TO BE DONE BY THE E. C.
- ALL CUSTOM FABRICATION EQUIPMENT WITH FACTORY WIRING SHALL BEAR THE U. L. LABEL AND FILE NO. FOR THE ENTIRE ITEM.
- EACH DOUBLE CONVENIENCE OUTLET TO BE WIRED TO 20A BREAKER.

WALK-IN COOLER/FREEZER ELECTRICAL CONTRACTOR NOTES

- E. C. TO PROVIDE AND INSTALL A HEATING ELEMENT ON THE COOLER/FREEZER CONDENSATE DRAIN LINES.
- E. C. TO CONNECT THE PRIMARY ELECTRICAL SERVICE TO THE CONDENSING UNITS AND INTERWIRE TO THE EVAPORATOR COIL(S), CONTROLS, LIGHTING FIXTURES AND DOOR PERIMETER HEATERS.

ABBREVIATIONS

A. F. C. ABOVE FINISHED CEILING  
A. F. F. ABOVE FINISHED FLOOR  
A. F. R. ABOVE FINISHED ROOF  
B. F. C. BELOW FINISHED CEILING  
WIB WALK-IN BOX (COOLER/FREEZER)

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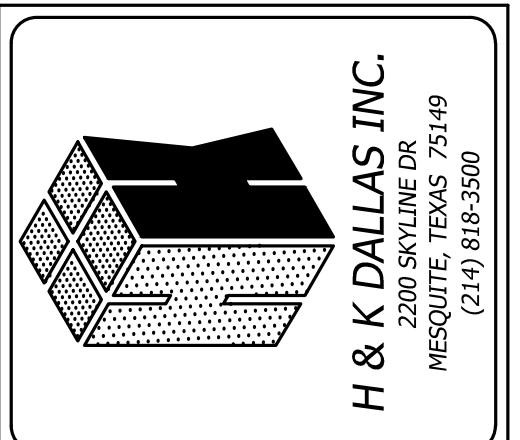
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H&K INTERNATIONAL 103014

SYMBOL LEGEND

	RECEPTACLES		EXISTING FULL WALL
	JUNCTION BOX		EXISTING LOW WALL
	EXHAUST DUCT ABOVE HOOD		NEW FULL WALL
	GAS LINE		NEW LOW WALL
	WATER LINE		OPTIONAL EQUIPMENT
	DRAIN LINE		NEW EQUIPMENT ON EQUIPMENT PLAN
	FLOOR SINK		RELOCATED EQUIPMENT ON EQUIPMENT PLAN
	FLOOR DRAIN		EXISTING EQUIPMENT
			EQUIPMENT ON ROUGH-IN PLAN
			EXISTING TRUSSES
			SERVICE AREA
			NEW MENU BOARD VALANCE



BY	DATE	REVISION

DATE:	DRAWN:	CHECKED:	SCALE:
09MAR18	SZ	FG	SEE PLAN

TITLE: ELECTRICAL\_ROUGH\_INS  
GREENCASTLE, PA

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CUSTOMER: BURGER-KING CORPORATION

SHEET: 3 OF 4

STORE NO: 00391

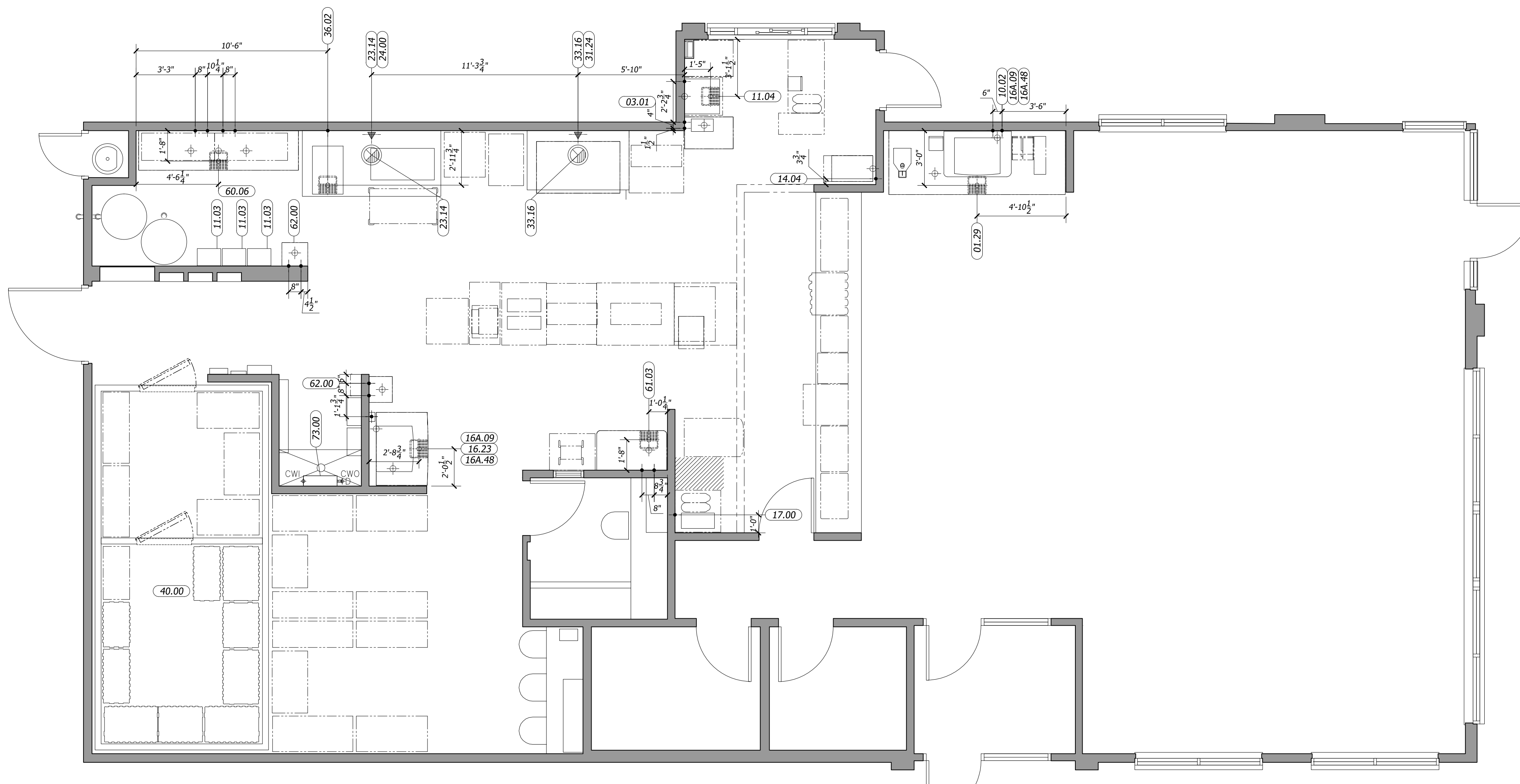
SHEET NO: K-3

PLUMBING SCHEDULE

PRITEM_NO	QTY	DESCRIPTION	MBTUH	GAS_(IN)	GAS_AFF_(IN)	COLD_WATER_(IN)	HOT_WATER_(IN)	WATER_AFF_(IN)	DRAIN_(IN)	DRAIN_AFF_(IN)	PLUMBING_REMARKS
01.29	1	SELF SERVE BEVERAGE COUNTER, 9'-8"	-	-	-	-	-	-	1.25	FLOOR SINK	PC TO EXTEND DRAIN TO FLOOR SINK
03.01	1	HAND SINK FOR DR-THRU TABLE	-	-	-	0.5	0.5	26	1.5	20	-
10.02	1	12 V SODA SYSTEM W/ICE	-	-	-	0.5	-	-	0.75	FLOOR SINK	PC TO CONNECT WATER FROM FILTER AND TO EXTEND DRAIN TO FLOOR SINK
11.03	3	CARBONATOR, HIGH VOLUME	-	-	-	0.5	-	84	-	-	WATER FROM WATER FILTER
11.04	1	DROP IN DISPENSER 8V CB2323	-	-	-	0.5	-	18	0.75	FLOOR SINK	PC TO CONNECT WATER FROM FILTER AND TO EXTEND DRAIN TO FLOOR SINK
14.04	1	FROZEN COKE MACHINE 352	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY UTILITY REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT
16.23	1	ICE BIN 710LB CAPACITY	-	-	-	-	-	-	.75	FLOOR SINK	PC TO EXTEND DRAIN TO FLOOR SINK
16A.09	2	ICE MACHINE 840LB	-	-	-	0.5	-	-	0.5	FLOOR SINK	PC TO CONNECT WATER FROM FILTER AND TO EXTEND DRAIN TO FLOOR SINK
16A.48	2	REMOTE CONDENSER	-	-	-	-	-	-	-	-	PC TO CONNECT REFRIGERATION LINES FROM REMOTE CONDENSER TO ICE MACHINE/ VERIFY LOCATION OF REMOTE CONDENSER
17.00	1	COFFEE//TEA BREWER	-	-	-	0.5	-	12"	-	-	PC TO CONNECT WATER FROM FILTER
23.14	1	7'-7" BROILER/OVEN HOOD ROC STORES	-	1	-	-	-	-	-	-	PC TO CONNECT GAS LINE FROM HOOD TO MAIN GAS SUPPLY/REFER TO HOOD DRAWING
24.00	1	BROILER	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY	VERIFY UTILITY REQUIREMENTS WITH OWNER PROVIDED EQUIPMENT
31.24	1	3 VAT FRYER GAS	80	0.75	-	-	-	-	-	-	PC TO CONNECT GAS TO GAS CONNECTION UNDER HOOD AND FROM HOOD TO MAIN GAS SUPPLY/ REFER TO HOOD DRAWINGS
33.16	1	5'-7" FRYER HOOD WALL MOUNT	-	1	-	-	-	-	-	-	PC TO CONNECT GAS LINE FROM HOOD TO MAIN GAS SUPPLY/REFER TO HOOD DRAWING
36.02	1	COMBI OVEN STEAMER ELECTRIC	-	-	-	0.75	-	-	1.5	FLOOR SINK	WATER FROM WATER FILTER
40.00	1	WALK-IN COOLER/FREEZER	-	-	-	-	-	-	-	-	-
60.06	1	BK 3-COMPARTMENT SINK 105"	-	-	-	0.5	0.5	18	1.5	FLOOR SINK	PC TO CONNECT DRAINS AND TO EXTEND TO FLOOR SINK
61.03	1	BK 1-COMPARTMENT SINK W/RH DRN BOARD, 46"	-	-	-	0.5	0.5	18	1.5	FLOOR SINK	PC TO CONNECT DRAINS AND TO EXTEND TO FLOOR SINK
62.00	2	HAND SINK	-	-	-	0.5	0.5	18	1.5	12	-
73.00	1	WATER FILTER	-	-	-	0.5	-	72	-	-	PC TO CONNECT WATER LINES TO EQUIPMENT

MECHANICAL SCHEDULE

MRITEM_NO	QTY	DESCRIPTION	DUCT_SIZE_(IN)	EXHAUST_CFM	EXHAUST_SPWG	HVAC_REMARKS
23.14	1	7'-7" BROILER/OVEN HOOD ROC STORES	10" DIA.	1100	1"	VERIFY WITH HOOD DRAWINGS
33.16	1	5'-7" FRYER HOOD WALL MOUNT	10" DIA.	840	2.0"	VERIFY WITH HOOD DRAWINGS



GENERAL PLUMBING CONTRACTOR NOTES

- P. C. TO PROVIDE AND INSTALL SHUTOFF VALVES ON ALL POTABLE WATER AND GAS SUPPLY LINES AT EACH PIECE OF EQUIPMENT.
- P. C. TO CONNECT POTABLE WATER AND GAS SERVICE AND DIRECTLY TO THE EQUIPMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- P. C. TO CONNECT THE EQUIPMENT TO THE BUILDING WASTE DRAINAGE SYSTEM ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- P. C. TO RECONNECT PLUMBING AND GAS PIPING ON PREPLUMBED EQUIPMENT DISASSEMBLED FOR SHIPMENT.
- WHERE EQUIPMENT IS NOT PREPLUMBED, P. C. TO CONNECT THE PLUMBING AND GAS SERVICE AND PROVIDE INTERTRIPPING AS REQUIRED.
- P. C. TO INSTALL FAUCETS, DRAIN ASSEMBLIES AND ACCESSORIES PROVIDED WITH THE EQUIPMENT.
- WHERE A SERVICE CHASE IS PROVIDED WITH THE EQUIPMENT, P. C. TO INSTALL THE PLUMBING AND/OR GAS SERVICE THROUGH THE SERVICE CHASE TO THE CONNECTION POINT(S) ON THE EQUIPMENT.
- P. C. TO PROVIDE AND INSTALL CONDENSATE DRAIN LINE(S) FROM THE WALK-IN COOLER/FREEZER EVAPORATOR COIL(S).
- P. C. TO PROVIDE AND INSTALL BACK FLOW PREVENTION DEVICES WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- P. C. TO PROVIDE AND INSTALL AUTOMATIC GAS SHUTOFF VALVES WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- H&K'S DRAWINGS INCLUDE ONLY THOSE POTABLE WATER, WASTE DRAINS AND GAS SERVICES REQUIRED FOR SPECIFIC KITCHEN EQUIPMENT. REFER TO THE ARCHITECTURAL BUILDING DRAWINGS FOR LOCATIONS OF OTHER PLUMBING AND GAS SERVICES.
- P. C. TO VERIFY THE UTILITY REQUIREMENTS FOR ITEMS NOT PROVIDED BY H&K.
- ALL PORTIONS OF WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND NATIONAL CODES, ORDINANCES AND STANDARDS.
- NOTIFY THE H&K PROJECT MANAGER IMMEDIATELY IF COMPLIANCE WITH A LOCAL, STATE OR NATIONAL CODE IS IN CONFLICT WITH THESE DRAWINGS.
- GAS OPERATED OR HEATED EQUIPMENT SHALL BEAR THE A. G. A. LABEL.
- WATER PRESSURE IN EQUIPMENT AREA SHOULD NOT EXCEED 60 P. S. I. IN BOTH MAIN HOT AND COLD WATER SUPPLY LINES.

ABBREVIATIONS

A. F. F. ABOVE FINISHED FLOOR  
F. P. T. FEMALE PIPE THREAD

GENERAL HEATING, VENTILATION AND AIR CONDITIONING CONTRACTOR NOTES

- H. V. A. C. CONTRACTOR (H. C.) TO PROVIDE AND INSTALL EXHAUST FANS AND ROOF CURBS UNLESS OTHERWISE INDICATED IN THE EQUIPMENT SCHEDULE.
- H. C. TO INSTALL CEILING SUSPENDED EXHAUST HOOD(S).
- H. C. TO INSTALL EXHAUST AND INDUCTION AIR DUCT WORK PROVIDED WITH THE EXHAUST HOOD(S). NOTE: THE EXHAUST DUCTS PROVIDED WITH THE HOODS ARE DESIGNED FOR INSTALLATION IN A SINGLE STORY, STANDARD BUILDING. IN OTHER APPLICATIONS, H. C. TO PROVIDE AND INSTALL SUPPLEMENTAL DUCT WORK AS REQUIRED.
- ALL EXHAUST, MAKE-UP AND INDUCTION AIR QUANTITIES AND SPECIFICATIONS ARE AT THE DUCT COLLAR UNLESS OTHERWISE NOTED.
- THE FIRE EXTINGUISHING SYSTEM IS TO BE INSTALLED BY AN INSTALLER CERTIFIED AND LICENSED BY THE SYSTEM MANUFACTURER. ALL SYSTEM COMPONENTS NOT INCLUDED WITH THE EXHAUST HOODS ARE TO BE PROVIDED AND INSTALLED BY THE SYSTEM INSTALLER.
- H. C. TO INSTALL PRECHARGED REFRIGERATION LINES PROVIDED BY H&K. H. C. TO STARTUP AND ADJUST THE W/B REFRIGERATION SYSTEM(S) AND ANY REFRIGERATION SYSTEM(S) WITH REMOTE CONDENSING UNIT(S).
- H&K'S DRAWINGS INCLUDE ONLY THOSE H. V. A. C. REQUIREMENTS FOR SPECIFIC KITCHEN EQUIPMENT PROVIDED BY H&K. REFER TO THE ARCHITECTURAL BUILDING DRAWINGS FOR LOCATIONS OF OTHER H. V. A. C. SERVICES.
- H. C. TO VERIFY THE REQUIREMENTS FOR ITEMS NOT PROVIDED BY H&K.
- ALL PORTIONS OF WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND NATIONAL CODES, ORDINANCES AND STANDARDS.
- NOTIFY THE H&K'S PROJECT MANAGER IMMEDIATELY IF COMPLIANCE WITH A LOCAL, STATE OR NATIONAL CODE IS IN CONFLICT WITH THESE DRAWINGS.
- THE MAXIMUM STRAIGHT DUCT RUN FOR THE FANS SPECIFIED IS 60'-0" FROM THE TOP OF THE HOOD TO THE BOTTOM OF THE FAN (OR TOP OF CURB) BEFORE IT IS NECESSARY TO CHANGE THE FAN REQUIREMENTS. IF THERE ARE ELBOWS IN THE DUCT RUN, ADD 2' S.P. FOR EVERY ELBOWS (CAUTION THIS MAY CHANGE THE FAN REQUIREMENT). H. V. A. C. IS RESPONSIBLE FOR DETERMINING EXACT FAN REQUIREMENTS.

ABBREVIATIONS

C. F. M. CUBIC FEET PER MINUTE  
F. P. M. FEET PER MINUTE  
S. P. STATIC PRESSURE

DISCLAIMER

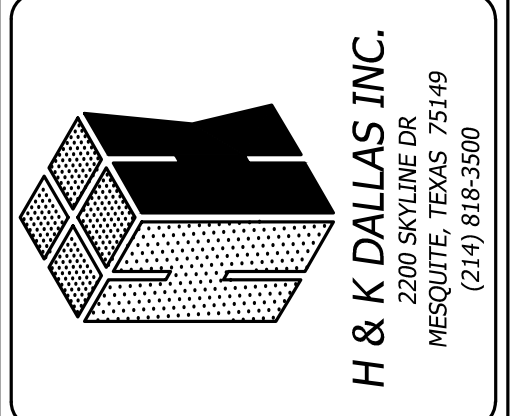
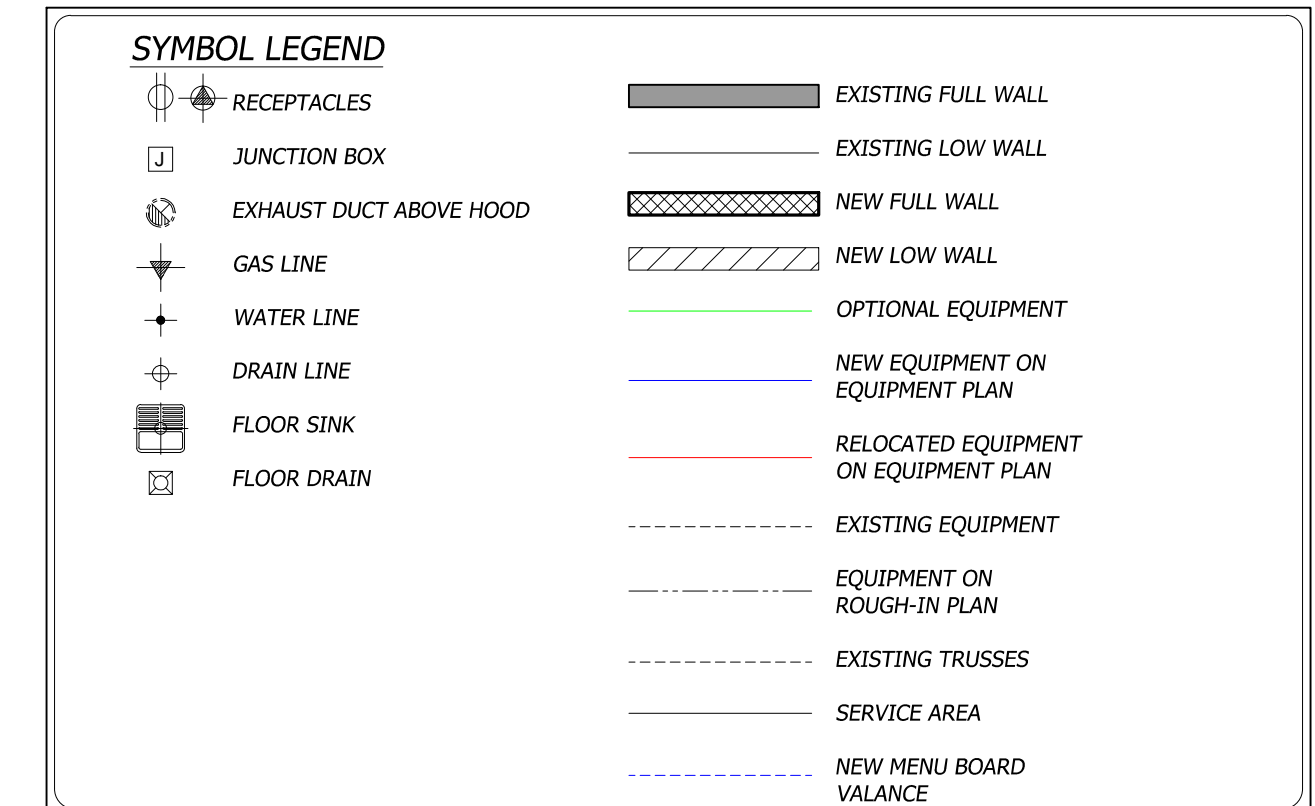
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PLEASE VERIFY WITH THE OWNER THAT THE DRAWING PROVIDED REFLECTS THE MOST CURRENT INFORMATION AVAILABLE. ALSO REQUEST A LIST OF ALL OWNER SUPPLIED EQUIPMENT AND EQUIPMENT SUPPLIED BY 'OTHERS' WITH DETAILS AND SPECIFICATIONS THAT APPLY TO THIS EQUIPMENT.

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H&K INTERNATIONAL 103014



BY			
REVISION			
DATE			
DATE: 09MAR18	DRAWN: SZ	CHECKED: FG	SCALE: SEE PLAN

TITLE: PLUMBING\_ROUGH\_INS

CUSTOMER: BURGER-KING CORPORATION

GREENCASTLE, PA

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SHEET: 4 OF 4

STORE NO: 00391

SHEET NO: K-4

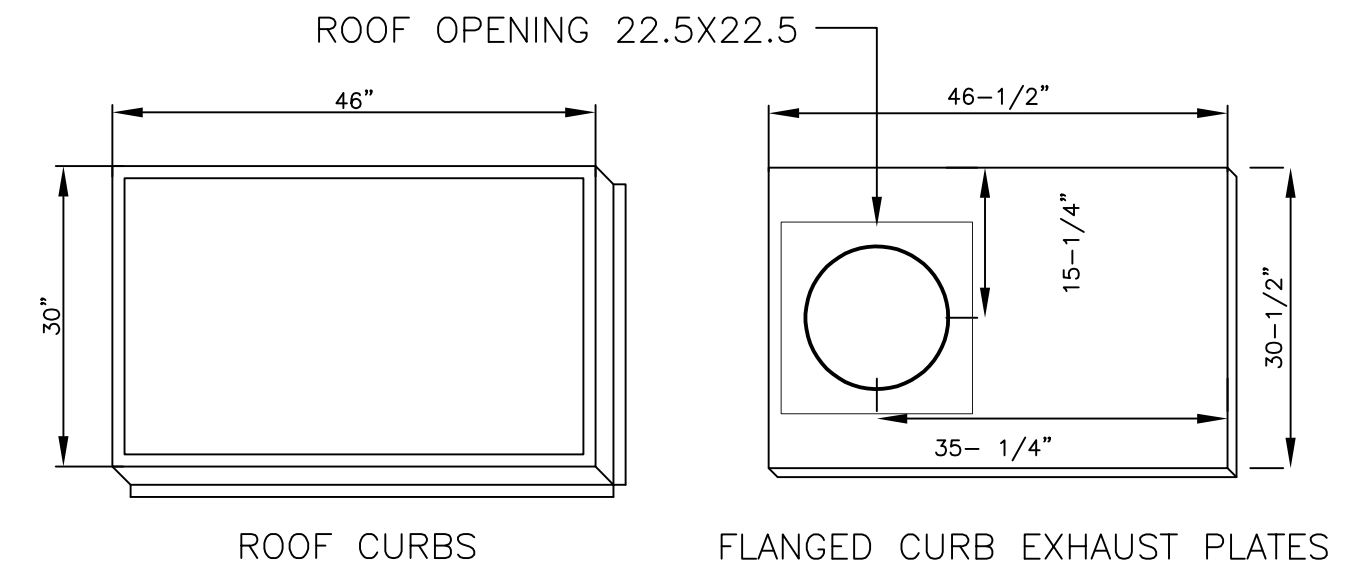
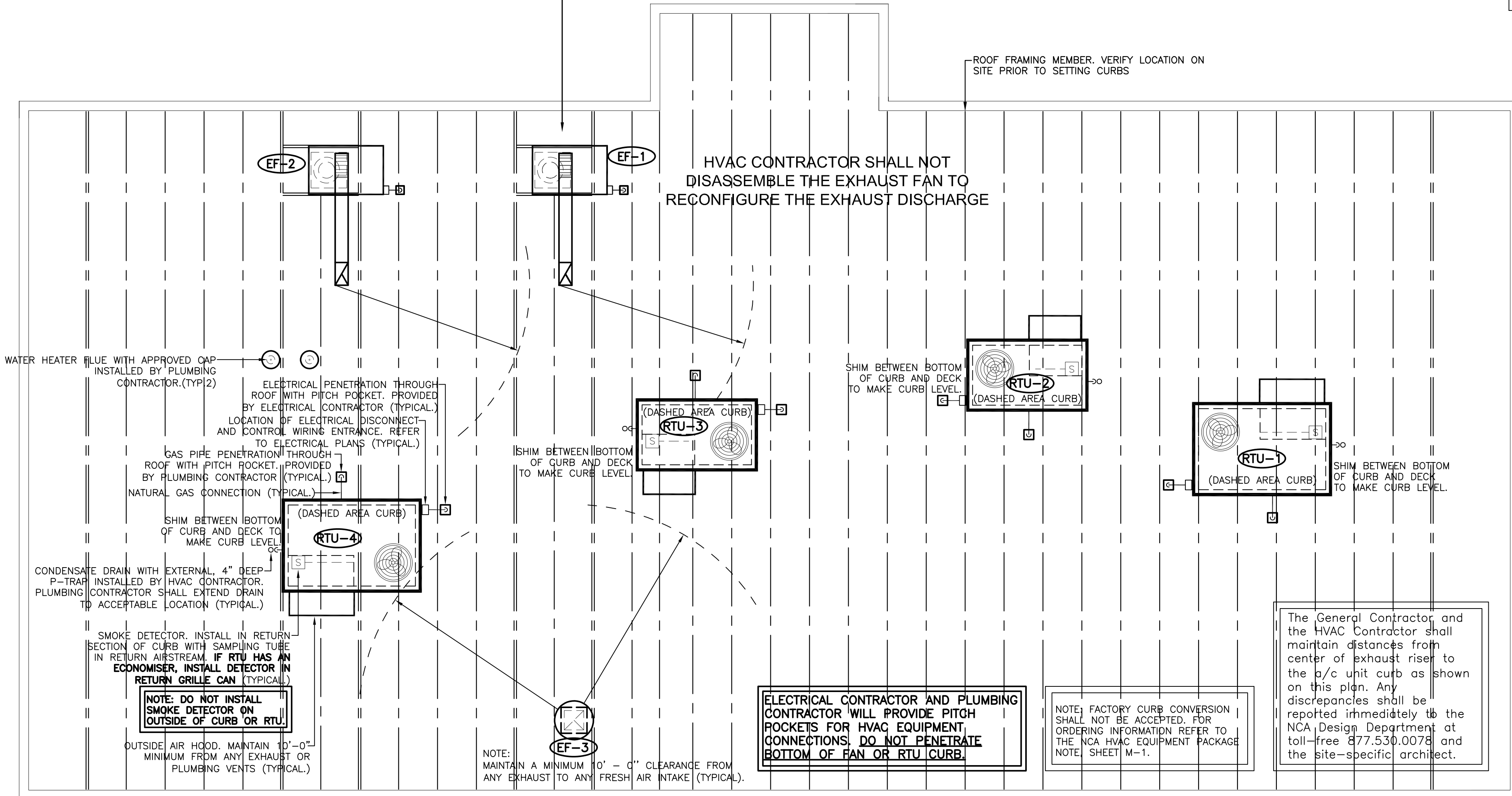


NOTE: EXCLUDING THE DUCT THAT SHIPS WITH THE HOODS, THE EXHAUST RISERS CANNOT HAVE ADDITIONAL 'FIELD' OFFSETS. TRUSSES CLOSEST TO THE EXHAUST RISERS MUST BE SPACED SO THAT NO ADDITIONAL OFFSETS ARE NEEDED. FIELD VERIFY AND COORDINATE WITH GENERAL CONTRACTOR (TYP. 2.)

Gary G. Starkind, P.E.  
Consulting Engineer  
1717 N. Highway 70, Tampa, FL 33607 (813) 251-8848

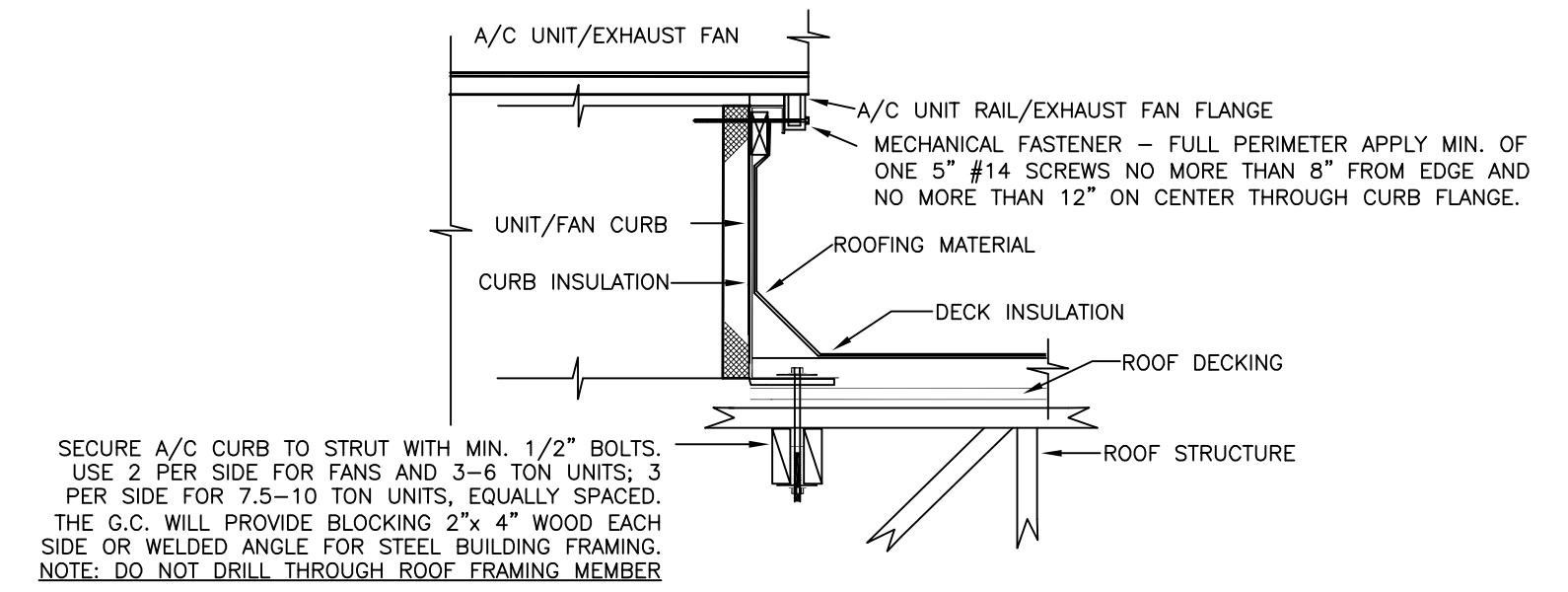
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DATE	DESCRIPTION	BY
02-18-18	FOR CONSTRUCTION	KM

**N-C-A**  
CONSULTANTS / GROUP  
4585 140TH AVE. NORTH, SUITE #1001  
CLEARWATER, FLORIDA  
PHONE: (877) 530-0078  
CALL NCA MARKETING FOR PRICING  
NCA JOB# 18-251

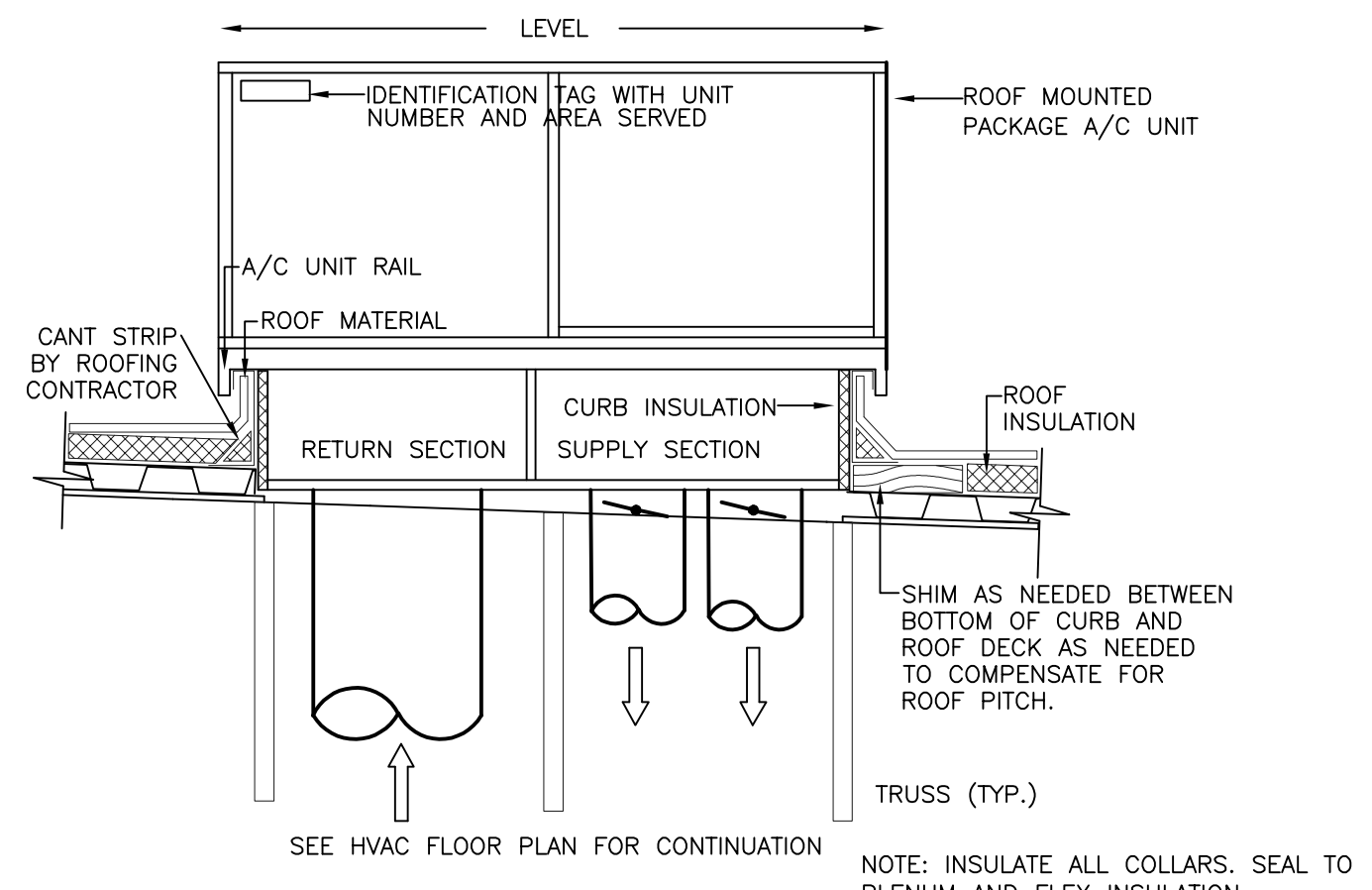


EXHAUST FAN CURB/CURB PLATE  
NOT TO SCALE

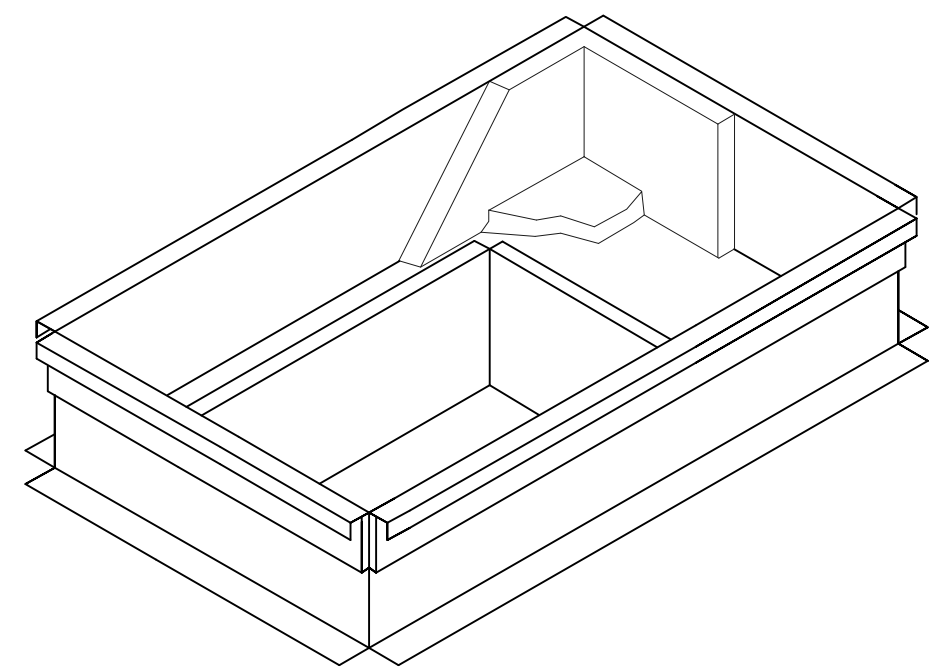
ROOF PLAN - HVAC  
SCALE 1/4" = 1' - 0" WHEN PLOTTED 36" X 24"



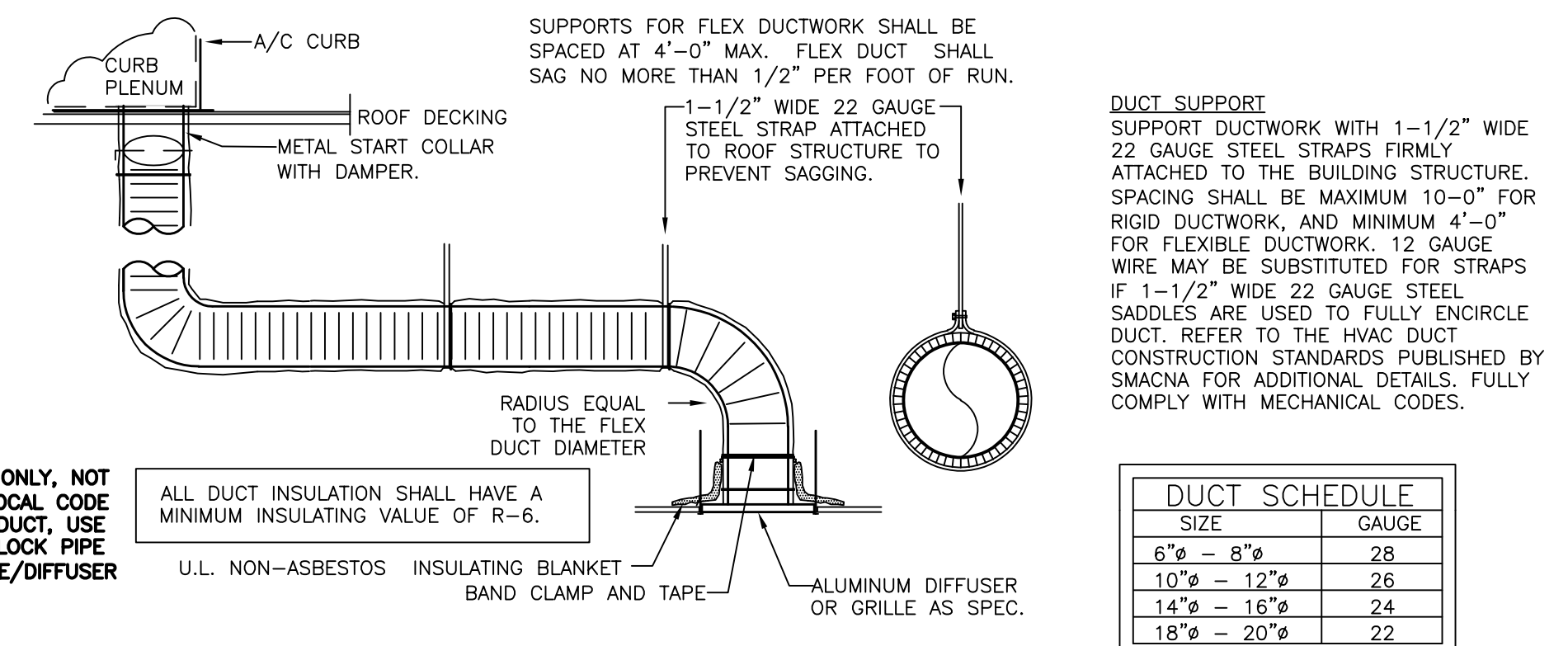
ACCEPTABLE FOR 140 MPH ZONE  
ROOF EQUIP. CURB MOUNTING DETAIL  
NOT TO SCALE



DUCT RISER/LEVELING DETAIL  
NOT TO SCALE



FACTORY CURB CONVERSION SHALL NOT BE ACCEPTED.  
NCA PLENUMIZED AC CURB DETAIL  
NOT TO SCALE



DUCT SCHEDULE	
SIZE	GAUGE
6" - 8"	28
10" - 12"	26
14" - 16"	24
18" - 20"	22

FLEXDUCT CONNECTION/INSTALL DETAIL  
NOT TO SCALE

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DATE: 01-05-2018

CHECKED BY: SMC

REVISION

ISSUED FOR CONSTRUCTION

DRAWN BY: DMW

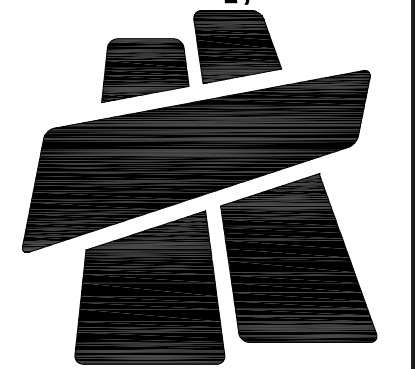
NO. DATE

1 XXX/2018



FRANCHISEE:  
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ATLANTA, GA 30328  
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PROJECT #: 180004  
BURGER KING RESTAURANT  
XXX BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
HVAC ROOF PLAN AND HVAC DETAILS



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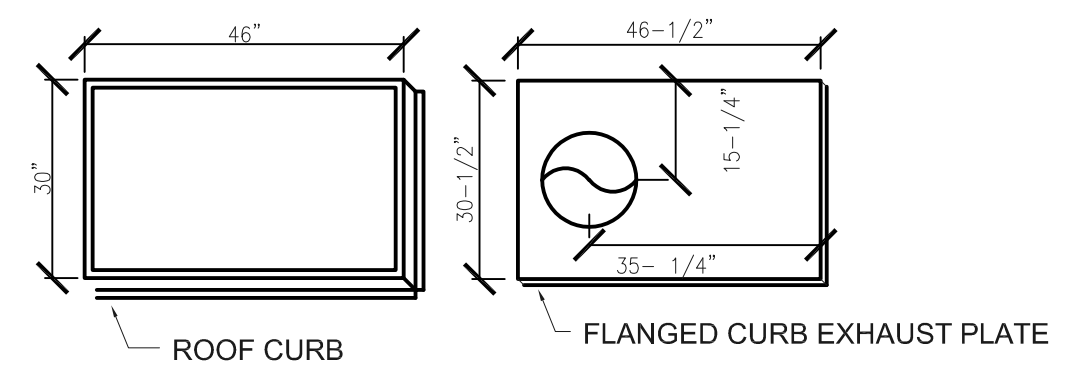
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02-18-18	FOR CONSTRUCTION	KM

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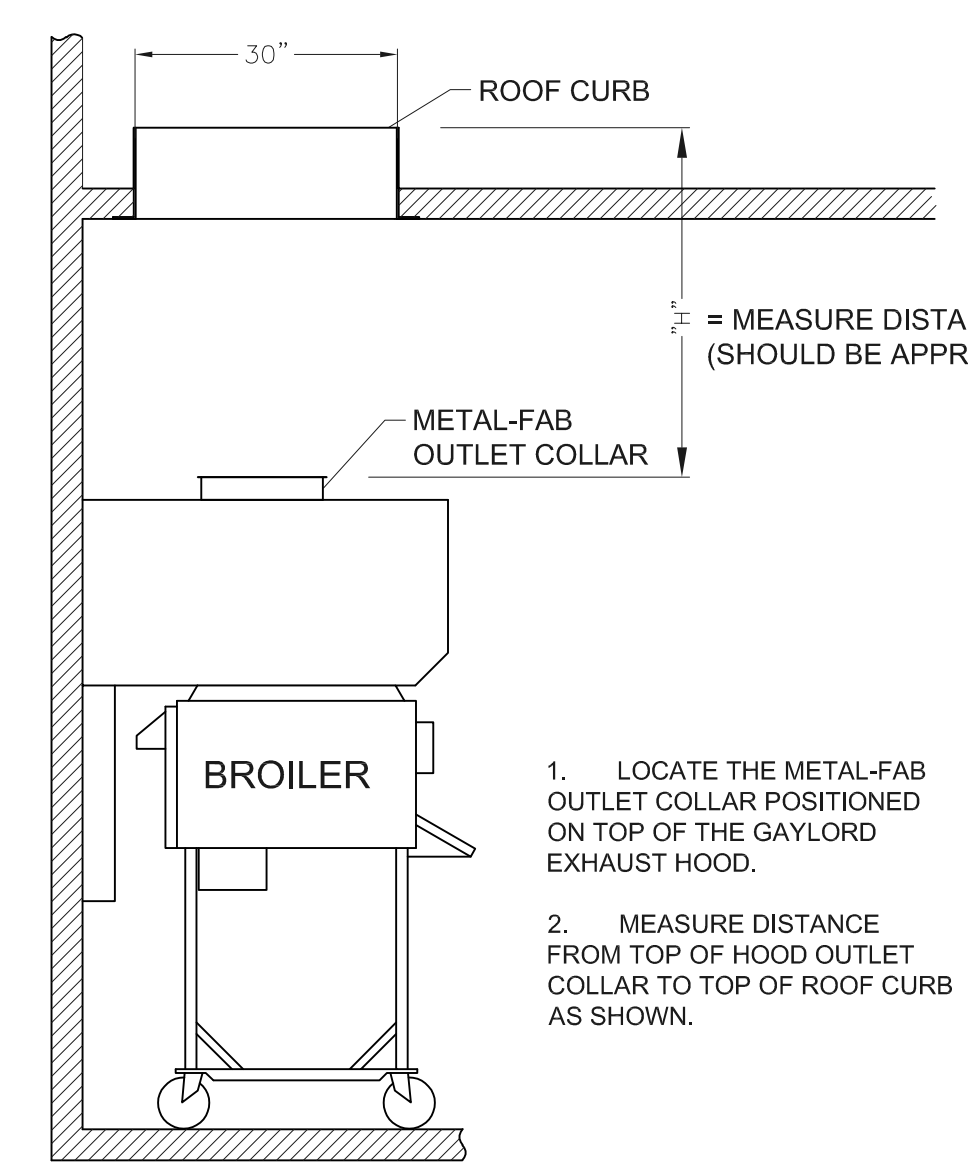
- A. COORDINATE WITH THE LATEST KITCHEN EQUIPMENT PLANS PRIOR TO INSTALLATION OF CURB. VERIFY WITH GENERAL CONTRACTOR.
- B. MARK AND PLUMBBOB THE LOCATION OF THE ROUND OPENING FROM FLOOR TO DECK.
- C. PLACE CURB OVER OPENING BY USING DIMENSION GIVEN BELOW.
- D. WHEN GREASE FLANGE ARRIVES PLACE ON CURB WITH ROUND OVER OPENING IN DECK.

HVAC CONTRACTOR SHALL NOT DISASSEMBLE THE EXHAUST FAN TO RECONFIGURE THE EXHAUST DISCHARGE



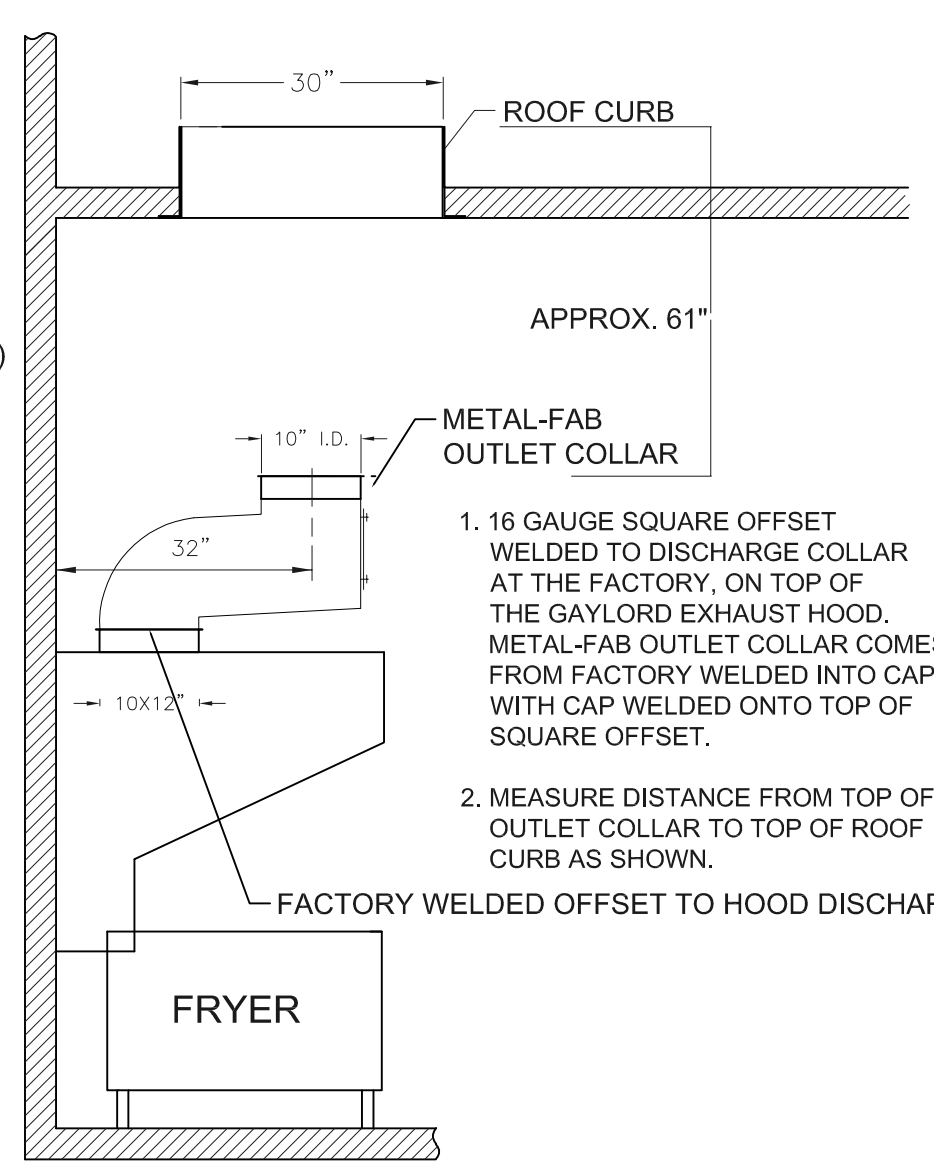
PLAN VIEW OF ROOF CURBS

STEP-2 BROILER HOOD



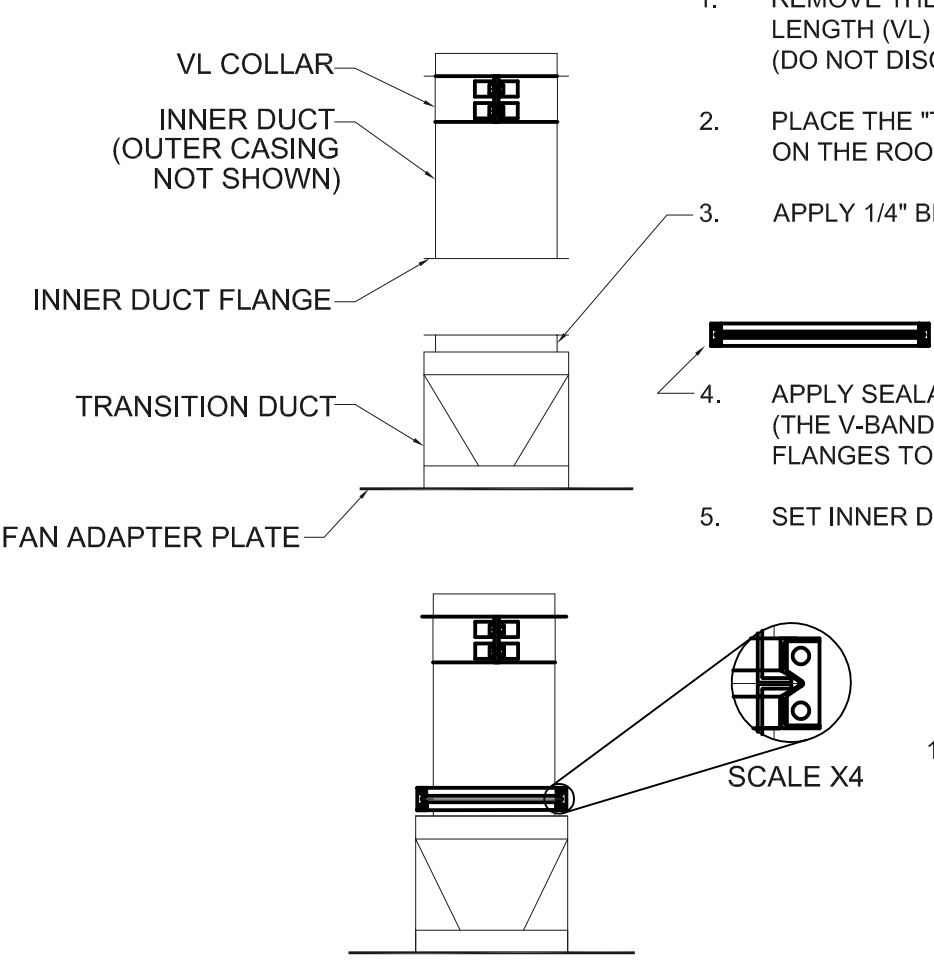
1. LOCATE THE METAL-FAB OUTLET COLLAR POSITIONED ON TOP OF THE GAYLORD EXHAUST HOOD.
2. MEASURE DISTANCE FROM TOP OF HOOD OUTLET COLLAR TO TOP OF ROOF CURB AS SHOWN.

STEP-2 (FRYER HOOD)



1. 16 GAUGE SQUARE OFFSET WELDED TO DISCHARGE COLLAR AT THE FACTORY, ON TOP OF THE GAYLORD EXHAUST HOOD. METAL-FAB OUTLET COLLAR COMES FROM FACTORY WELDED INTO CAP WITH CAP WELDED ONTO TOP OF SQUARE OFFSET.
2. MEASURE DISTANCE FROM TOP OF OUTLET COLLAR TO TOP OF ROOF CURB AS SHOWN.

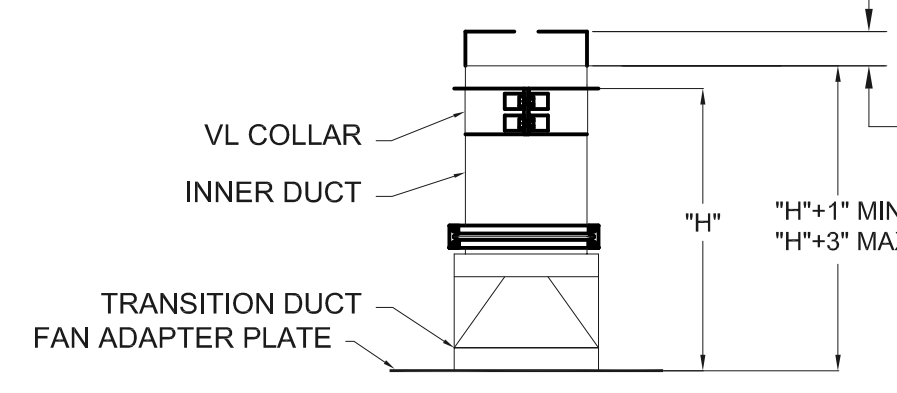
STEP-3



1. REMOVE THE OUTER CASING & INSULATION FROM THE VARIABLE LENGTH (VL) DUCT. (DO NOT DISCARD INSULATION OR CASING. IT WILL BE USED LATER.)
2. PLACE THE "TRANSITION DUCT/FAN ADAPTER PLATE" UPSIDE DOWN ON THE ROOF (FAN ADAPTER PLATE AGAINST ROOF).
3. APPLY 1/4" BEAD OF SEALANT (PROVIDED) TO FLANGE.
4. APPLY SEALANT TO INSIDE GROOVE OF V-BAND. (THE V-BAND IS USED TO CLAMP INNER DUCT FLANGES TOGETHER.)
5. SET INNER DUCT FLANGE ON TRANSITION DUCT FLANGE.

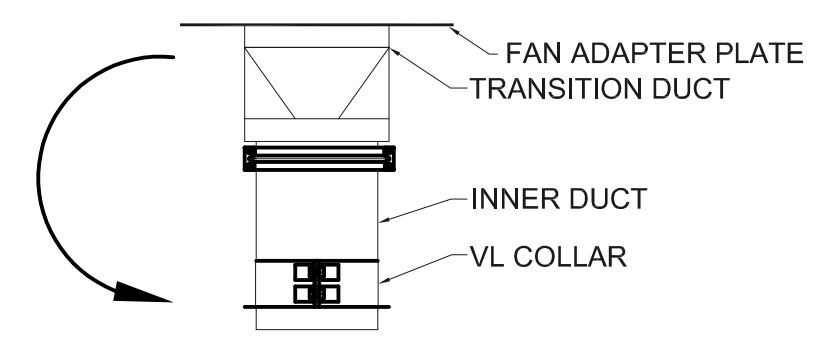
1. ATTACH THE V-BAND CLAMP OVER THE INNER DUCT FLANGES.
- NOTE: WHEN ATTACHING CLAMP BAND USE A RUBBER MALLETT (OR OTHER) TO AID IN ASSEMBLY. TIGHTEN V-BAND CLAMP USING HEX DRIVE SCREWS PROVIDED TO COMPLETE A LIQUID TIGHT SEAL.

STEP-4

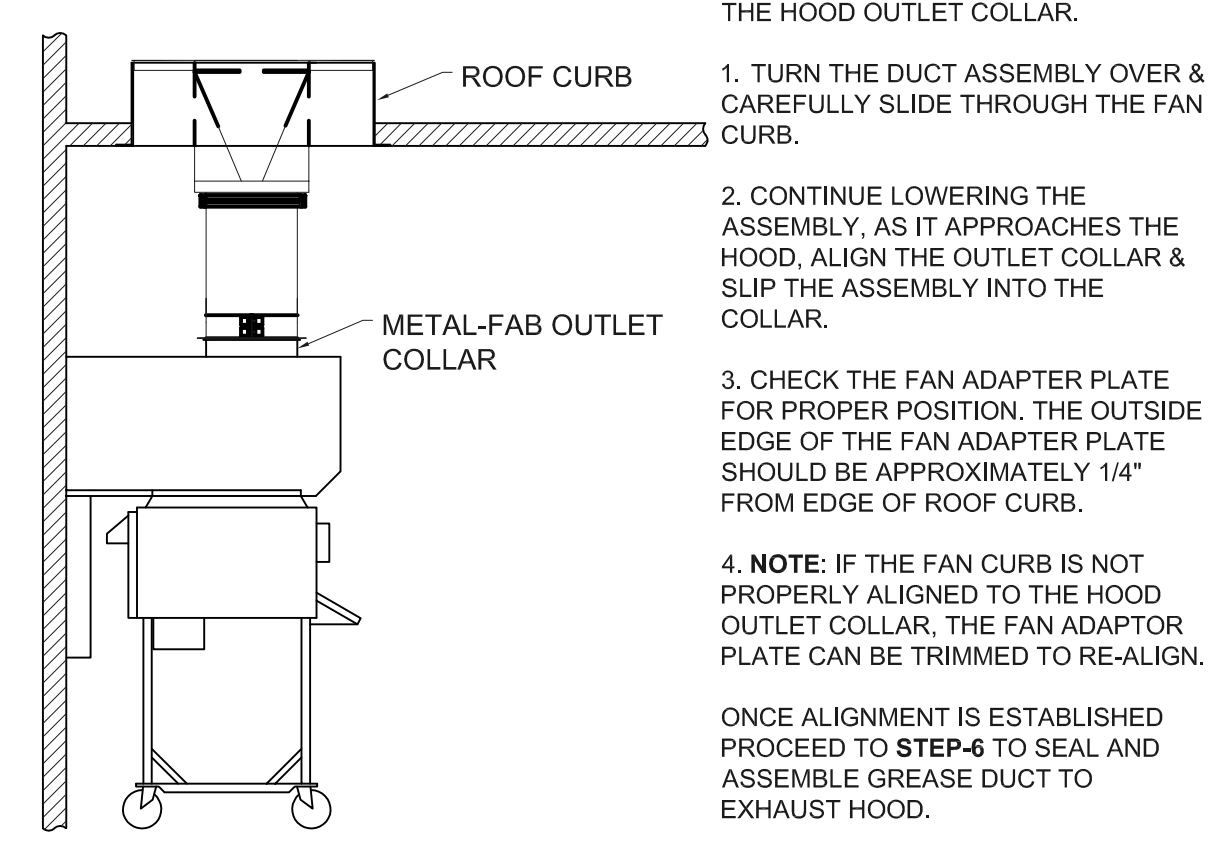


1. LOOSEN AND RELOCATE VL COLLAR TO "H" DIMENSION AS MEASURED IN STEP 1. RETIGHTEN SCREWS ON COLLAR. (DO NOT REMOVE COLLAR FROM PIPE SECTION.)
  2. IF NEEDED, TRIM EXCESS DUCT LENGTH TO FINISHED LENGTH OF "H"+3 USING "H" LENGTH MEASURED IN STEP 2.
- NOTE: FINISHED LENGTH OF "H"+1" (MINIMUM) UP TO "H"+3" (MAXIMUM) IS ACCEPTABLE.

STEP-4b Rotate duct 180°

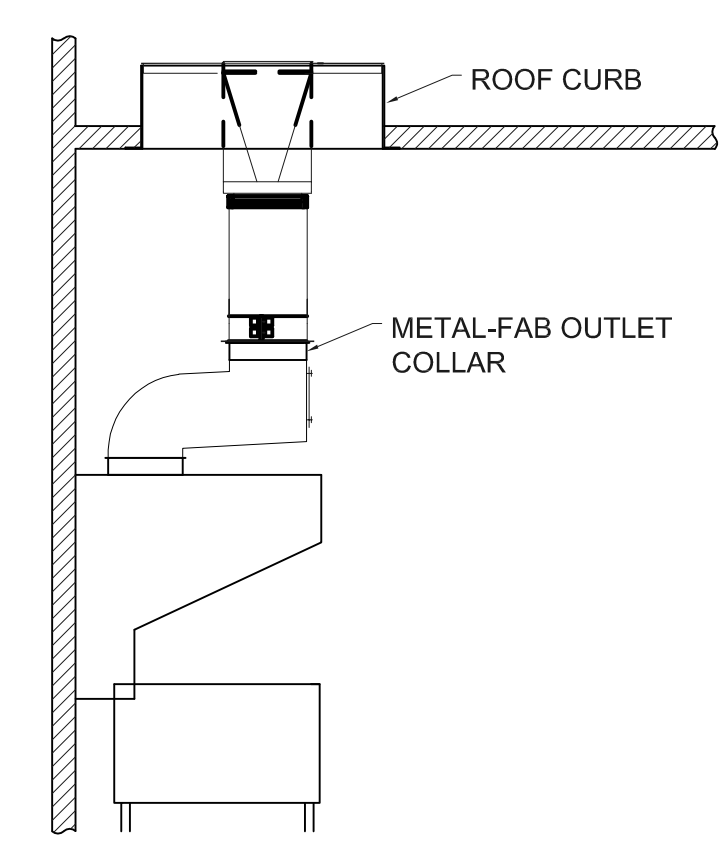


STEP-5 (BROILER)



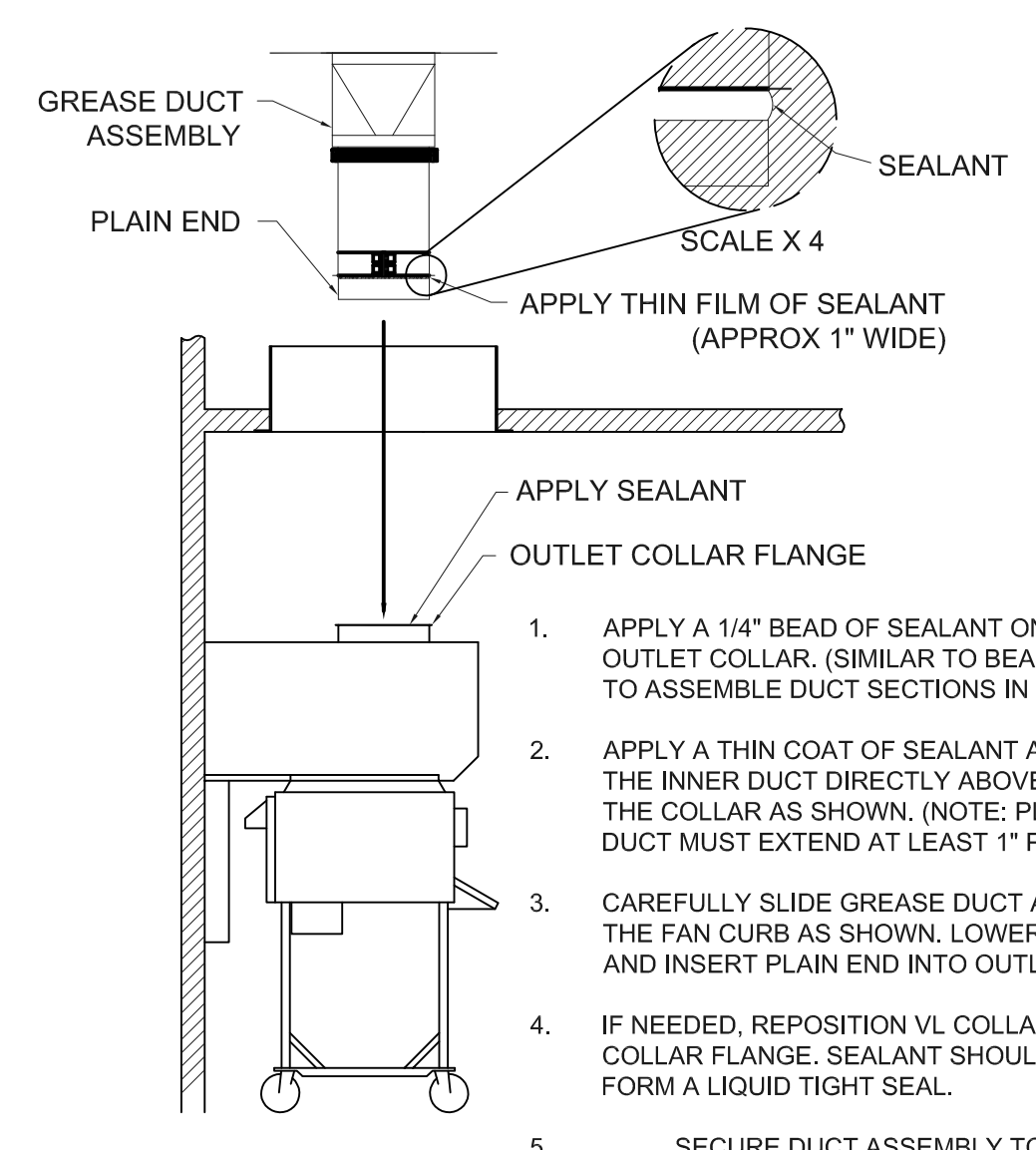
- THE FOLLOWING INSTRUCTIONS ARE USED TO ALIGN THE GREASE DUCT TO THE HOOD OUTLET COLLAR.
1. TURN THE DUCT ASSEMBLY OVER & CAREFULLY SLIDE THROUGH THE FAN CURB.
  2. CONTINUE LOWERING THE ASSEMBLY, AS IT APPROACHES THE HOOD, ALIGN THE OUTLET COLLAR & SLIP THE ASSEMBLY INTO THE COLLAR.
  3. CHECK THE FAN ADAPTER PLATE FOR PROPER POSITION. THE OUTSIDE EDGE OF THE FAN ADAPTER PLATE SHOULD BE APPROXIMATELY 1/4" FROM EDGE OF ROOF CURB.
  4. NOTE: IF THE FAN CURB IS NOT PROPERLY ALIGNED TO THE HOOD OUTLET COLLAR, THE FAN ADAPTOR PLATE CAN BE TRIMMED TO RE-ALIGN.
- ONCE ALIGNMENT IS ESTABLISHED PROCEED TO STEP-6 TO SEAL AND ASSEMBLE GREASE DUCT TO EXHAUST HOOD.

STEP-5 (FRYER)

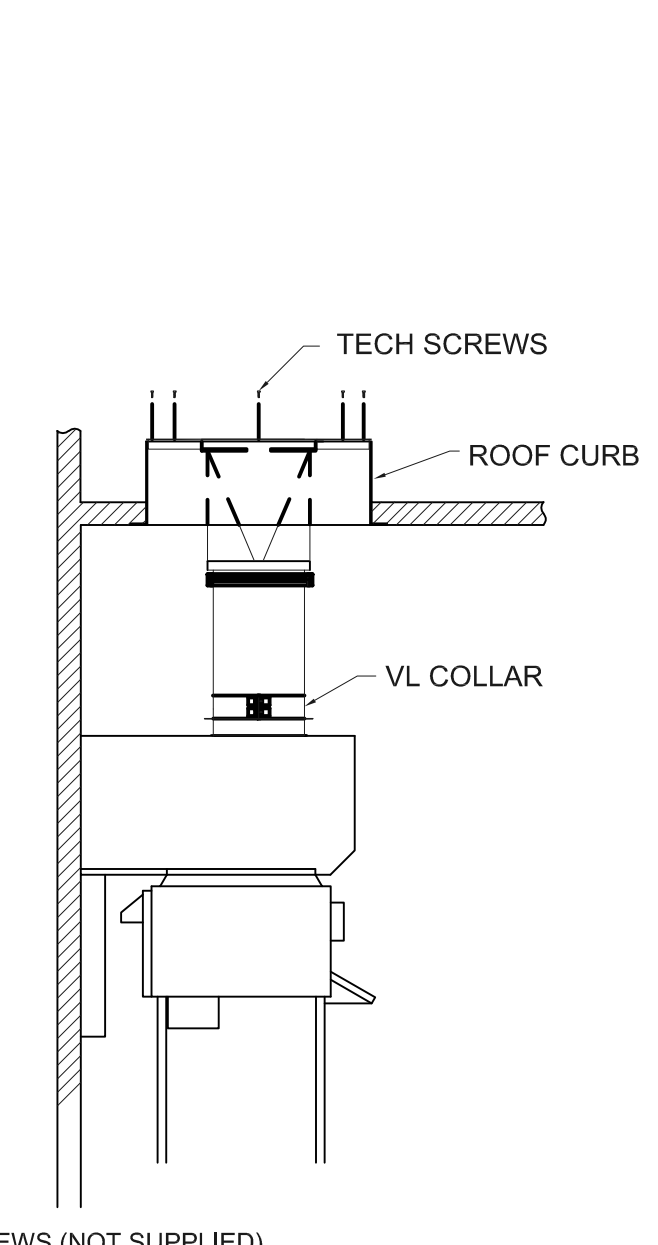


NOTE: ALL REMAINING INSTRUCTIONS PERTAIN TO BOTH BROILER EXHAUST HOOD AND FRYER EXHAUST HOOD, AS IN STEP-5.

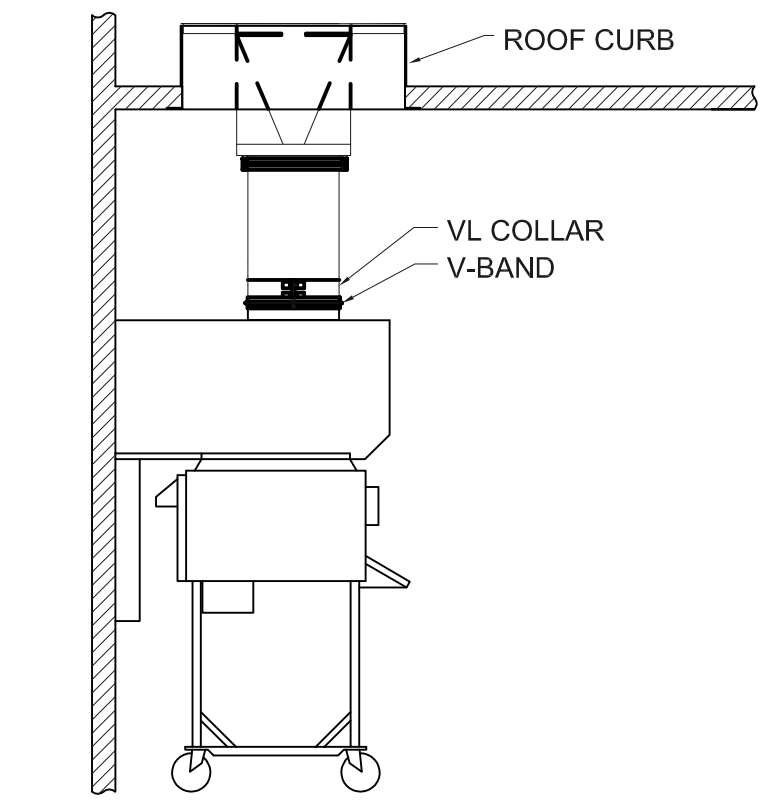
STEP-6



1. APPLY A 1/4" BEAD OF SEALANT ONTO THE FLANGE OF THE OUTLET COLLAR. (SIMILAR TO BEAD OF SEALANT USED TO ASSEMBLE DUCT SECTIONS IN STEP 3).
2. APPLY A THIN COAT OF SEALANT ABOUT 1" WIDE ON THE INNER DUCT DIRECTLY ABOVE THE FLANGE OF THE COLLAR AS SHOWN. (NOTE: PLAIN END OF THE INNER DUCT MUST EXTEND AT LEAST 1" PAST FLANGED COLLAR.)
3. CAREFULLY SLIDE GREASE DUCT ASSEMBLY THROUGH THE FAN CURB AS SHOWN. LOWER ASSEMBLY INTO BUILDING, AND INSERT PLAIN END INTO OUTLET COLLAR OF HOOD.
4. IF NEEDED, REPOSITION VL COLLAR UP AGAINST OUTLET COLLAR FLANGE. SEALANT SHOULD BE COMPRESSED TO FORM A LIQUID TIGHT SEAL.
5. SECURE DUCT ASSEMBLY TO FAN CURB USING TECH SCREWS (NOT SUPPLIED). IMPORTANT: RECTANGULAR PLATE OF DUCT ASSEMBLY MUST BE EVENLY CENTERED OVER FAN CURB. BEFORE SECURING TO FAN CURB, VERIFY THAT OUTER SURFACE OF GREASE DUCT MAINTAINS A MINIMUM 1-INCH CLEARANCE TO COMBUSTIBLE MATERIALS.
6. HVAC CONTRACTOR SHALL PROVIDE AND INSTALL HIGH TEMP SEALANT OR GASKET TO THE OUTER PERIMETER OF THE GREASE FLANGE.

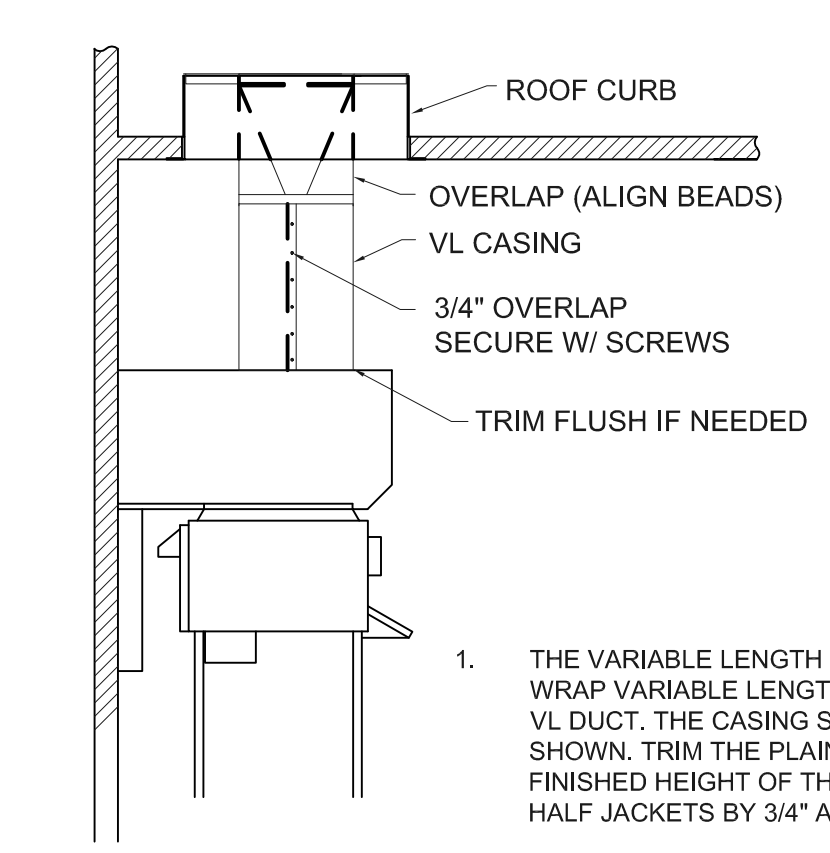


STEP-7

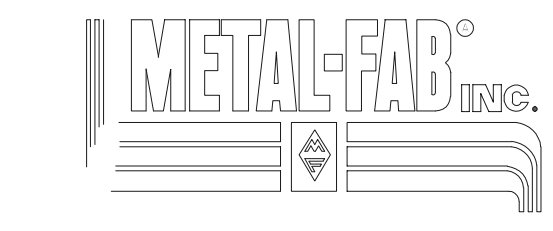


1. APPLY A BEAD OF SEALANT TO V-BAND CLAMP AND ATTACH TO JOINT AS SHOWN. REF. TO STEP 3.
2. TIGHTEN SCREWS ON VL COLLAR. (FOR MORE POSITIVE SEAL, APPLY SEALANT TO VL COLLAR SLOT AND FLARED OUT END OF COLLAR PRIOR TO TIGHTENING SCREWS.)

STEP-8



1. THE VARIABLE LENGTH (VL) CASING IS MADE UP OF (2) HALF-JACKETS. WRAP VARIABLE LENGTH (VL) CASING COMPLETELY AROUND THE INSULATED VL DUCT. THE CASING SHOULD OVERLAP THE DUCT ABOVE THE VL AS SHOWN. TRIM THE PLAIN END OF (VL) CASING SPACE IF NEEDED TO FIT THE FINISHED HEIGHT OF THE VARIABLE LENGTH (VL). OVERLAP SEAMS OF THE HALF JACKETS BY 3/4" AND SECURE USING SCREWS PROVIDED.



IPIC-3G Factory-Built Grease Duct  
Installation Instructions  
Specific for Burger King Restaurant Installation  
(Forward Discharge Assembly)

Note: These instructions have been developed in coordination for use with kitchen exhaust hood manufactured by Gaylord Industries.

GENERAL INFORMATION

Metal-Fab Model IPIC-3G grease duct is "Listed" by Underwriters Laboratories for kitchen exhaust duct applications for continuous operations at 500° F and intermittent operation at 2000° F. IPIC-3G is further "Classified" by Underwriters Laboratories as equivalent to a 2-hr. fire rated grease duct enclosure as per UL 2221 test standard and listed for Zero inch clearance to combustibles for sizes up to and including 24-inch inside diameter.

Warning: During this installation, field application of factory-supplied insulation must be installed at joints and on Variable Length / Adjustable Length components. Do not substitute insulation with other makes or brands. Upon completion of installation, 2 layers of 1.5-inch insulation (supplied by manufacturer) must be applied directly around the inner duct as described in these instructions in order to maintain the Zero-inch clearance to combustibles rating as per the manufacturer's UL listing.

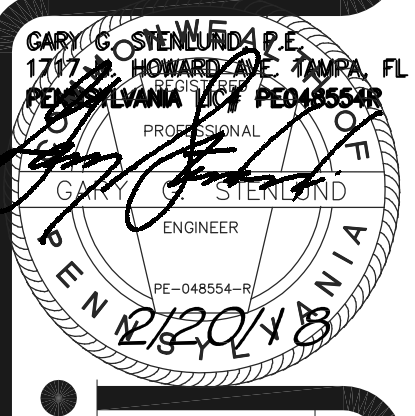
FOR QUESTIONS CALL METAL-FAB @ 1-800-835-2830 X 4165

DATE:	01-05-2018
CHECKED BY:	SAC
REVISION:	ISSUED FOR CONSTRUCTION
NO.:	XXIX/2018
DATE:	XXIX/2018



FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVERDEE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

**CURRAN ARCHITECTURE**  
5719 LAWTON LOUPE DR. #212  
INDIANAPOLIS, IN 46216  
O :: 317.288.0681  
F :: 317.288.0753



PROJECT #: 180004  
BUC-80 REVERSE  
**BURGER KING RESTAURANT**  
XXX BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
EXHAUST DUCT INSTALLATION DETAILS

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Gary G. Starkind, P.E.  
Consulting Engineer  
1717 N. Howard Ave., Tampa, FL 33607 (813) 251-6848

DRAWING INFORMATION		
DATE	DESCRIPTION	BY
02-18-18	FOR CONSTRUCTION	KM

**NCA**  
CONSULTANTS / GROUP  
4585 140TH AVE. NORTH, SUITE #1001  
CLEARWATER, FLORIDA  
PHONE: (877) 530-0078  
CALL NCA MARKETING FOR PRICING  
NCA JOB# 18-251

DATE: 01-05-2018  
CHECKED BY: SMC  
REVISION  
ISSUED FOR CONSTRUCTION  
NO. DATE  
DRAWN BY: DMW  
DATE: XX/XX/2018  
PROJECT: BURGER KING RESTAURANT  
FRANCHISEE: GPS HOSPITALITY  
2100 RIVEREDGE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

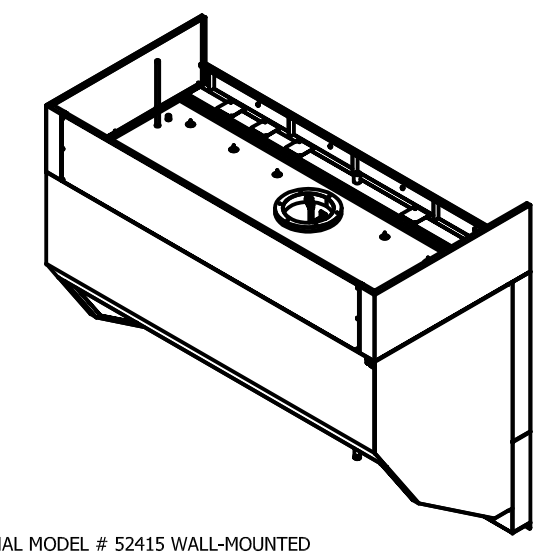
**CURRAN ARCHITECTURE**  
5719 LAWTON LOPE E. DR. #212  
INDIANAPOLIS, IN 46216  
O :: 317.288.0681  
F :: 317.288.0753

GARY G. STARKIND, P.E.  
1717 N. HOWARD AVE., TAMPA, FL 33607  
PROFESSIONAL ENGINEER  
DESIGN OF RECORD  
BENEFICIAL

PROJECT #: 180004  
REVERSE  
BURGER KING RESTAURANT  
XXX BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
HOOD DETAILS

M4

7" 7" BROILER/OVEN HOOD ROC STORES



**DESCRIPTION**  
THE ROC INTERNATIONAL MODEL # 52415 WALL-MOUNTED CANOPY-STYLE VENTILATION HOOD IS INTENDED SPECIFICALLY FOR APPLICATIONS WHERE A BROILER AND OVEN.  
\* THIS HOOD IS DESIGNED FOR USE WITH DUKE FBB AND NIECO JF BROILERS

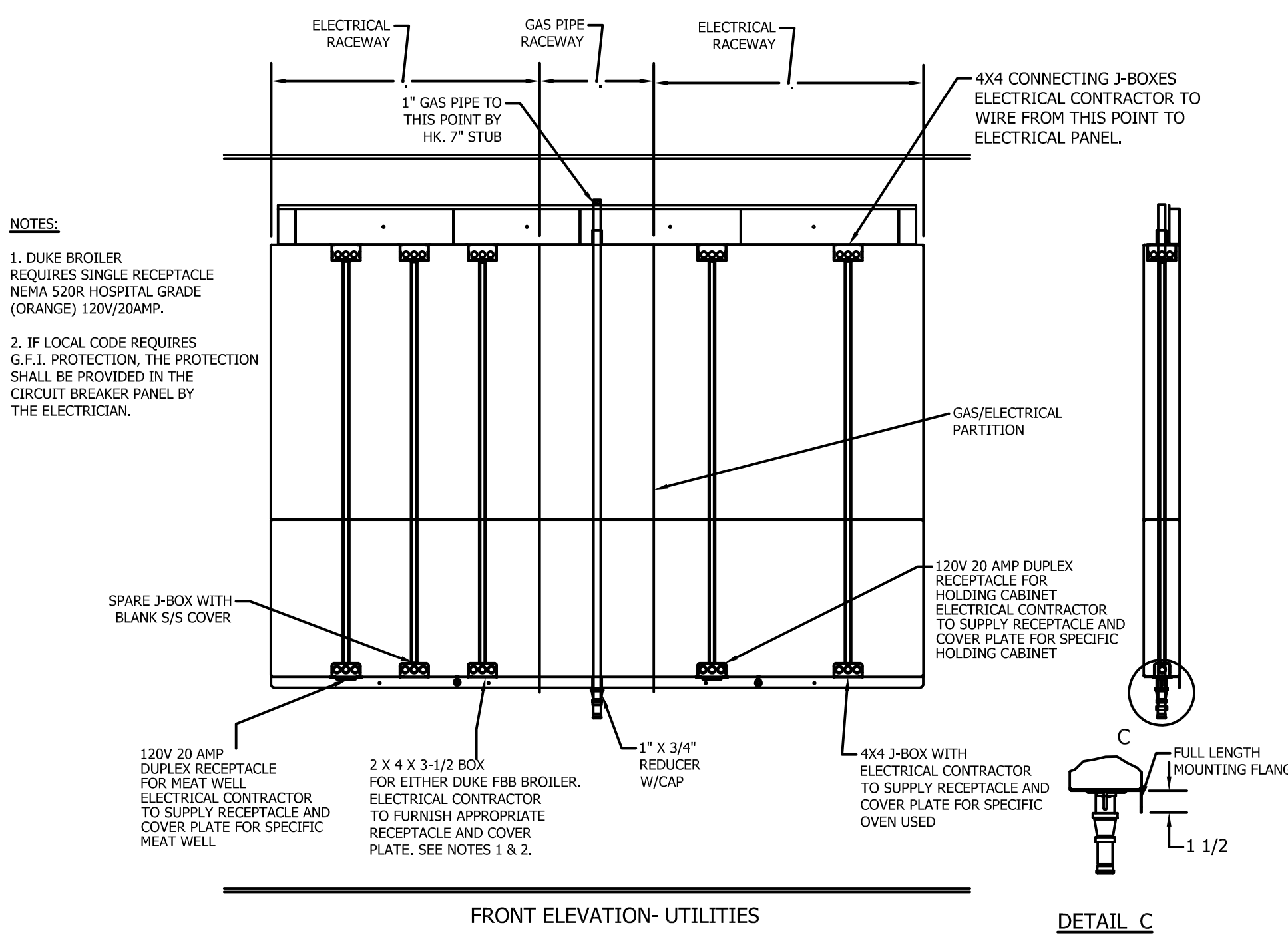
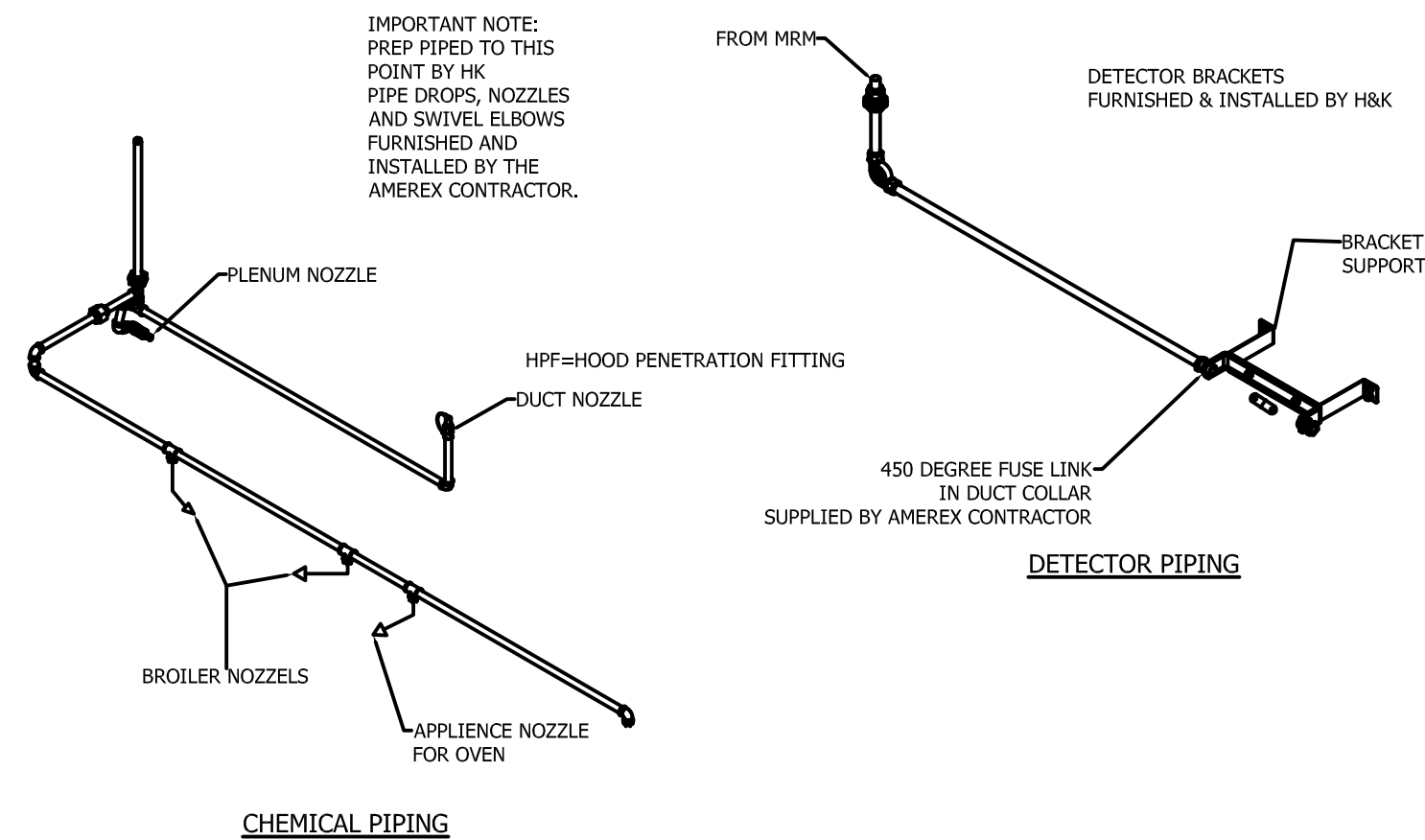
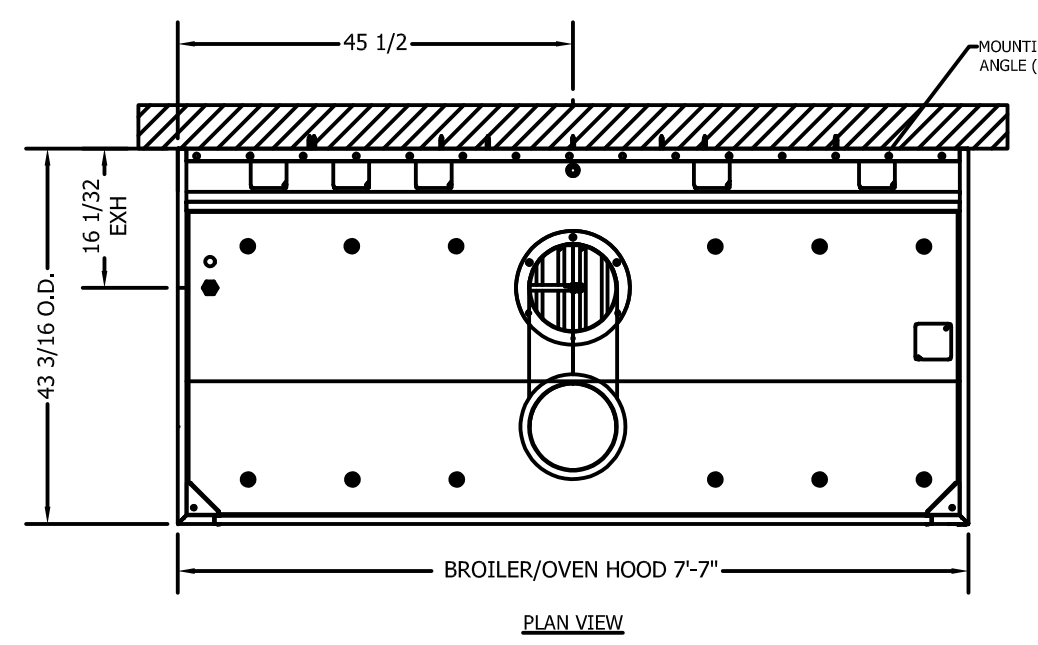
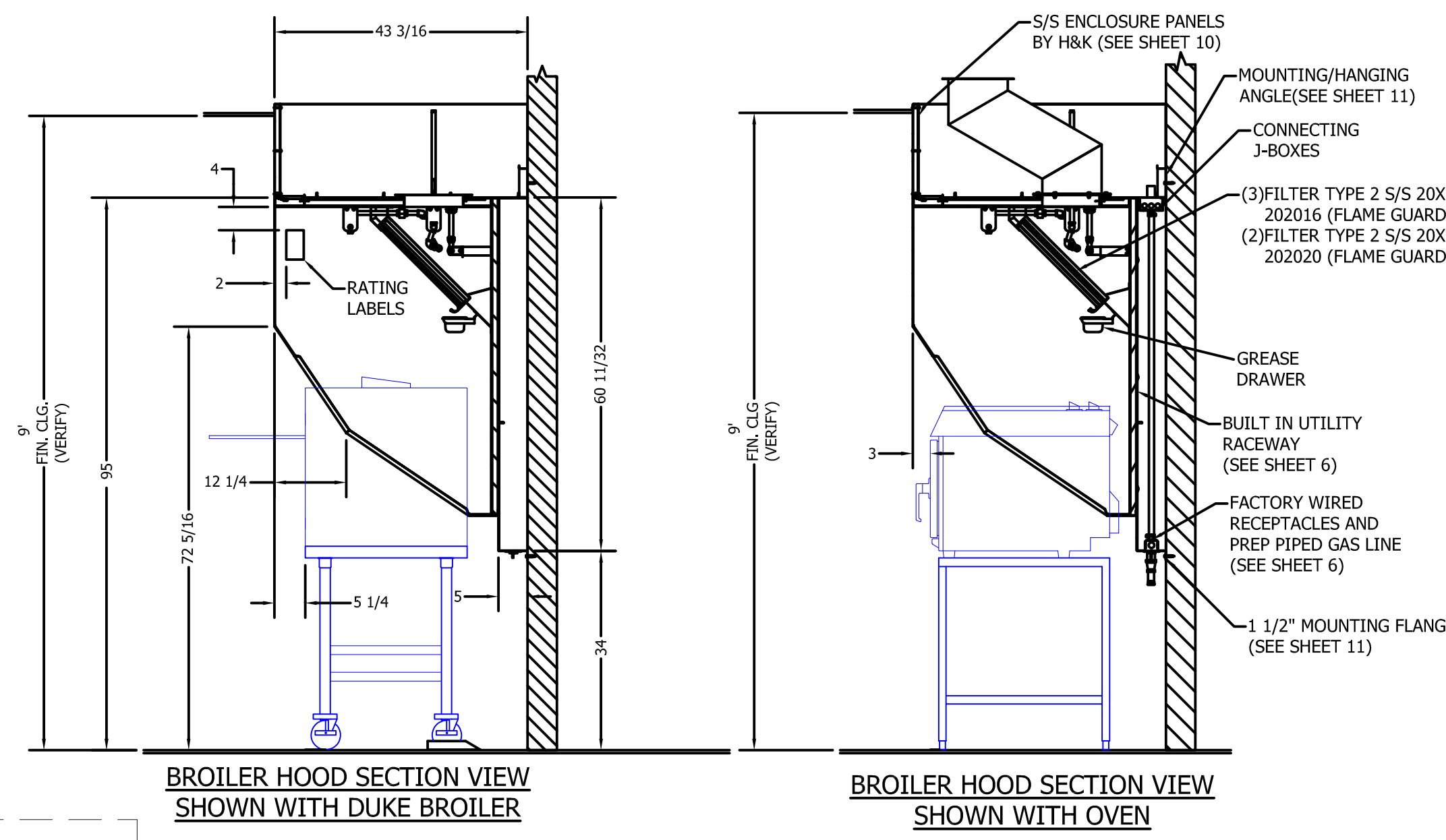
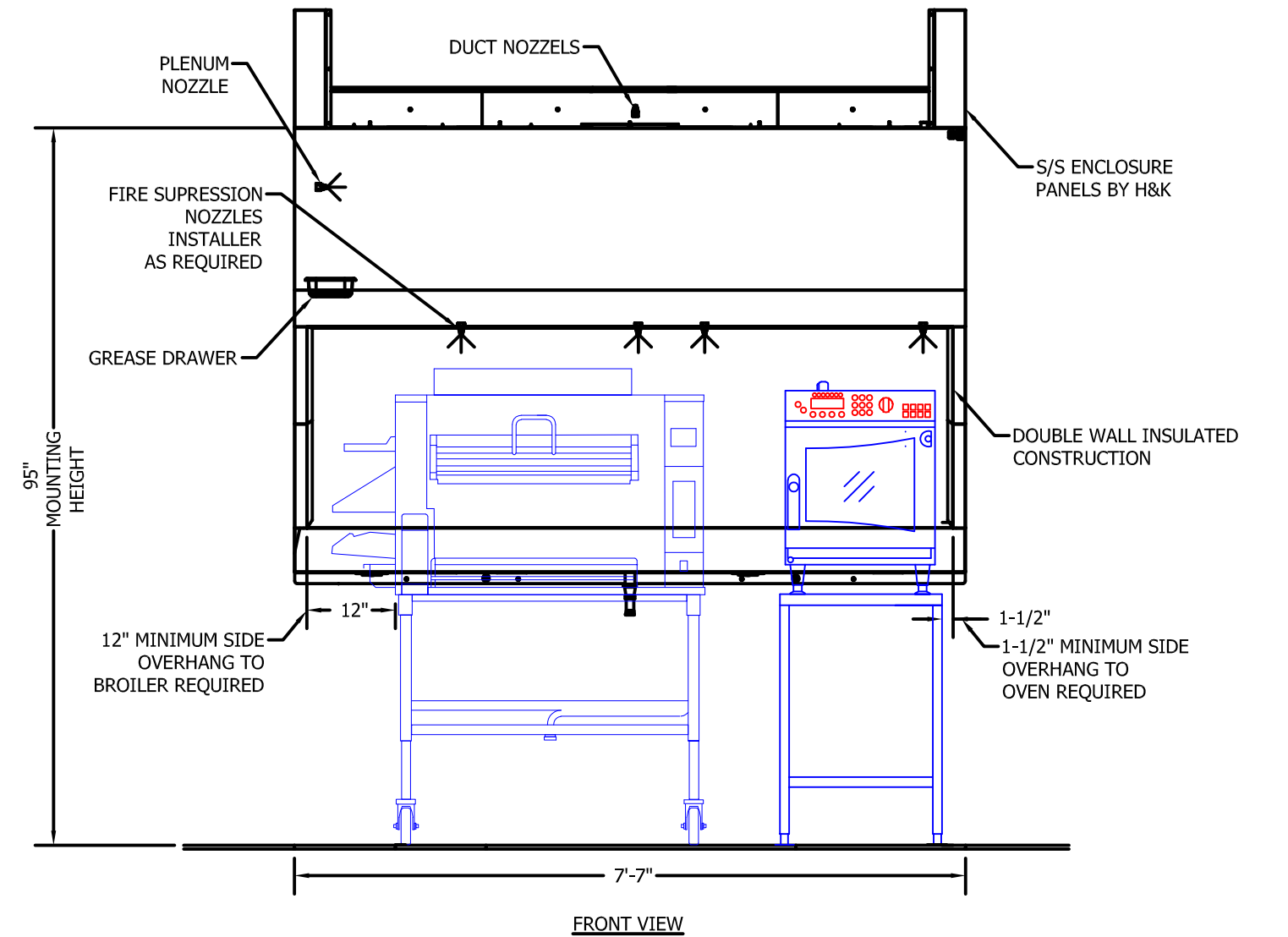
**INSTALLATION**  
\* IT INCORPORATES INSULATED END AND TOP PANELS, AND INCLUDES A 5" AIR SPACE/1" INSULATED BACK PANEL (TOTALING 6")-APPROVED FOR MOUNTING DIRECTLY TO A LIMITED COMBUSTIBLE WALL (SHEET ROCK AND METAL STUDS).  
\* HOODS ARE PRE-PIPED FOR AMEREX OR ANSUL FIRES SUPPRESSION SYSTEMS  
\* ENCLOSURE PANELS AND WALL FLASHING ARE MANUFACTURED FROM 16 GAUGE STAINLESS STEEL.

**FILTERS/GREASE REMOVAL**  
THIS HOOD UTILIZES A COMBINATION OF FLAMEGUARD HEAVY-DUTY STAINLESS STEEL GREASE FILTERS-16" X20" AND 20" X20" SIZES-ULUS LISTED (FILE # R10173).  
\* THEY MUST BE INSTALLED AT ALL TIMES DURING VENTILATION HOOD OPERATION

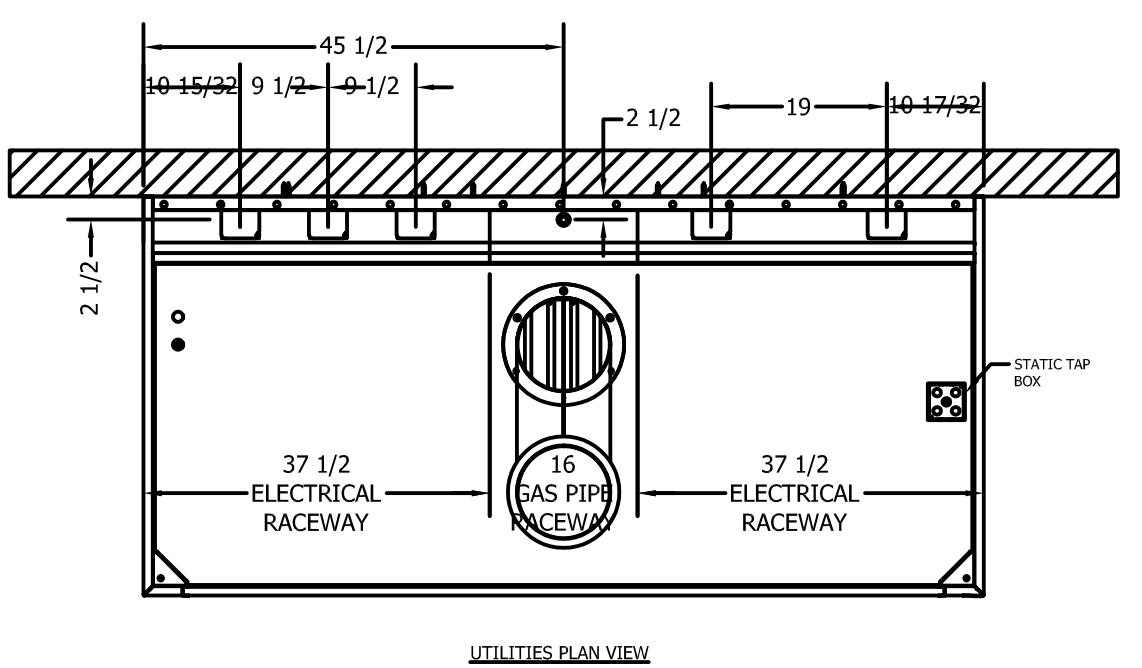
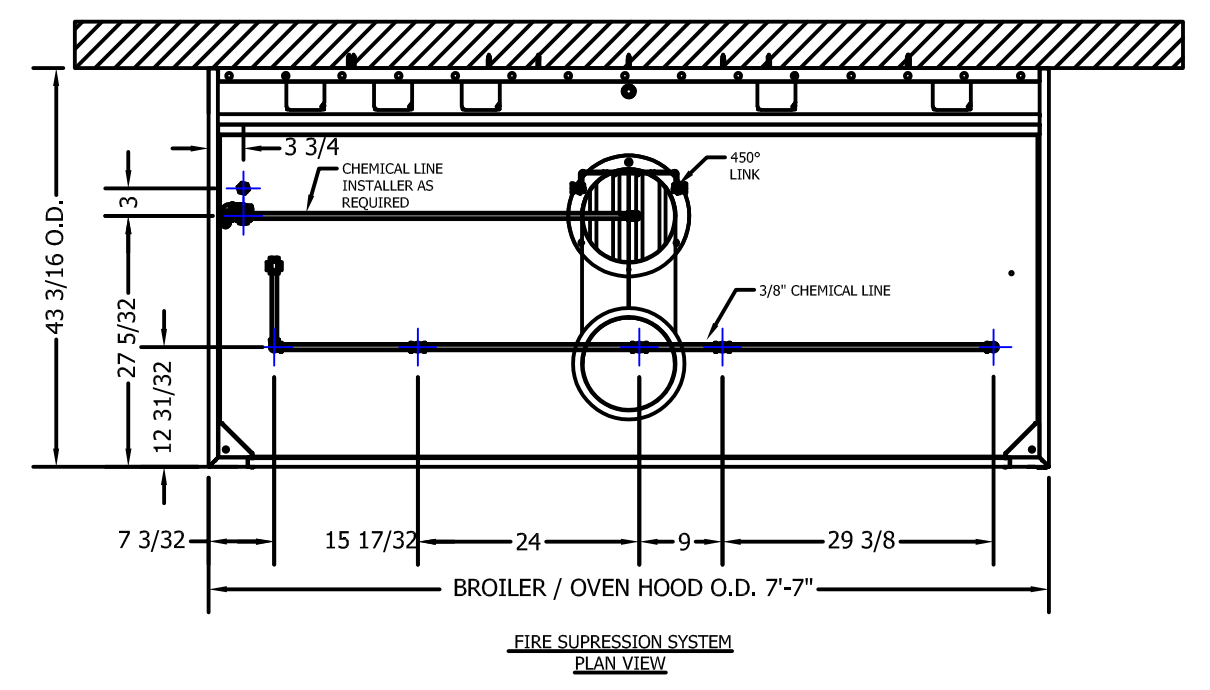
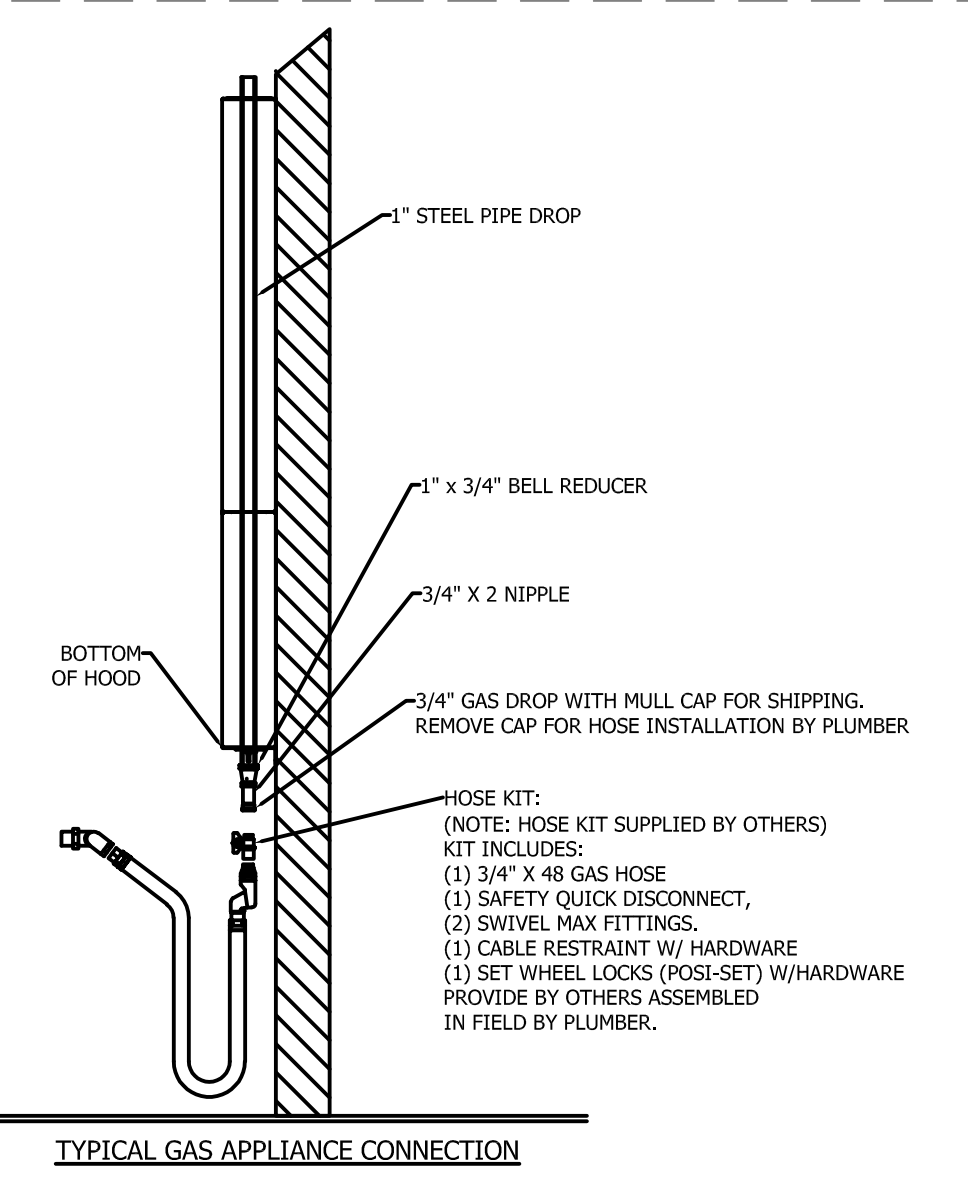
INDEX	
SHEET #	DESCRIPTION
01	COVER SHEET
02	FRONT ELEVATION
03	SECTION VIEW
04	PLAN VIEW
05	FIRE SUPPRESSION SYSTEM
06	FRONT ELEVATION - UTILITIES
07	UTILITIES PLAN VIEW
08	TYPICAL GAS APPLIANCE CONNECTION DETAILS
09	AMEREX PRE-PIPING DETAILS
10	COVER SHEET/ENCLOSURE PANEL DETAILS
11	HOOD HANGING DETAILS
12	WALL FLASHING DETAILS
13	FAN SPECIFICATION
14	BROILER/OVEN HOOD EXHAUST FAN DUCT EXTENSION
15	BK HOOD EXHAUST FAN-FIRE SYSTEM-HVAC SYSTEM CONTROL MATRIX
16	RATING LABEL
18	WIRING DIAGRAM
19	CONTACT INFORMATION

INSTALLATION TO BE IN ACCORDANCE WITH UL-C650 STANDARD FOR THE INSTALLATION AND PERFORMANCE OF THE VENTILATION AND FIRE SUPPRESSION FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT.  
**APPROVALS / CERTIFICATIONS**  
\* THIS HOOD COMPLES WITH THE FOLLOWING:  
UL710 / UL-C650  
STANDARD FOR EXHAUST HOOD AND RELATED CONTROLS FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT  
NFP96  
NATIONAL FIRE PROTECTION ASSOCIATION - STD 96  
NSF2  
NATIONAL SANITATION FOUNDATION NO. 2 "FOOD SERVICE EQUIPMENT"

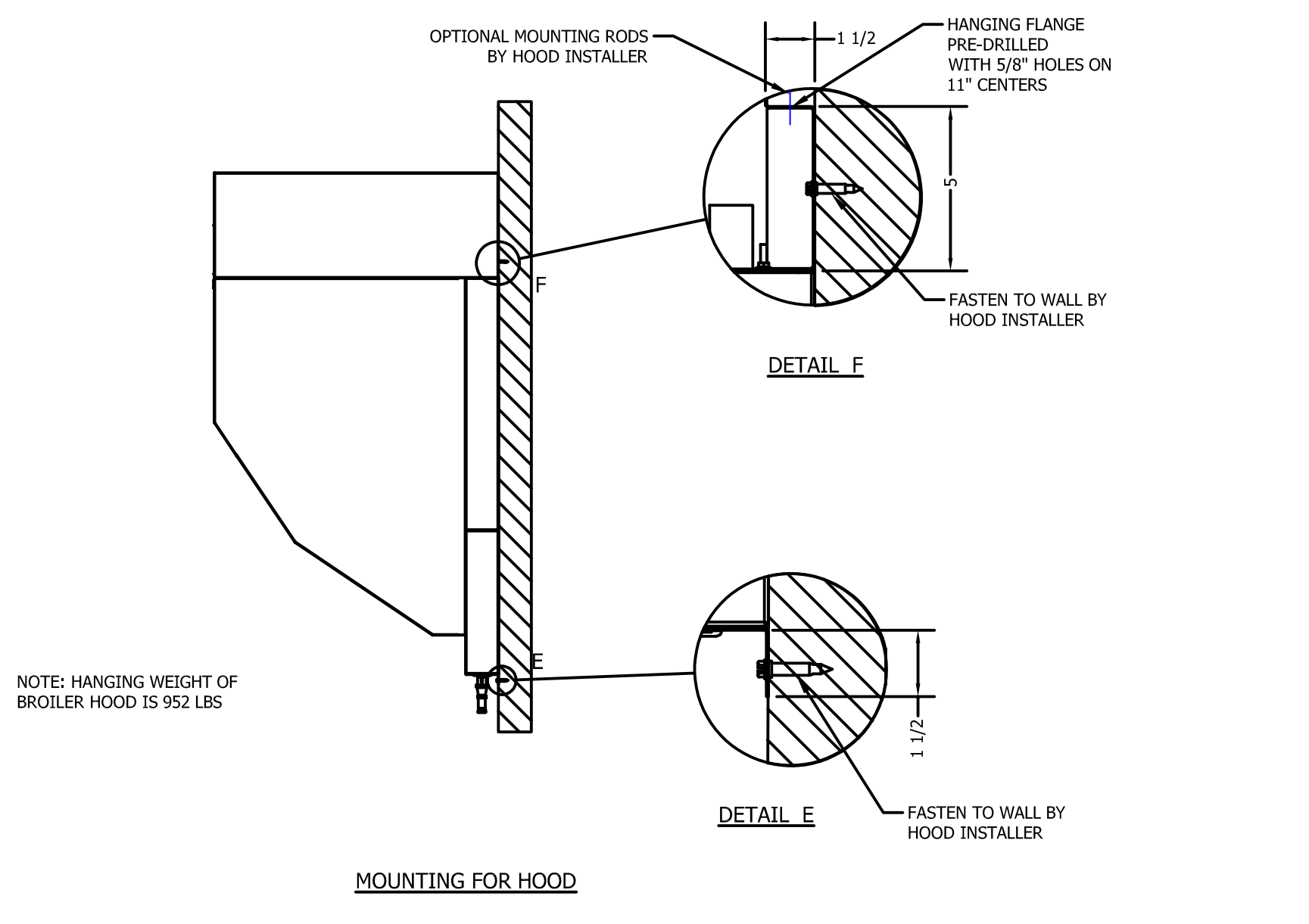
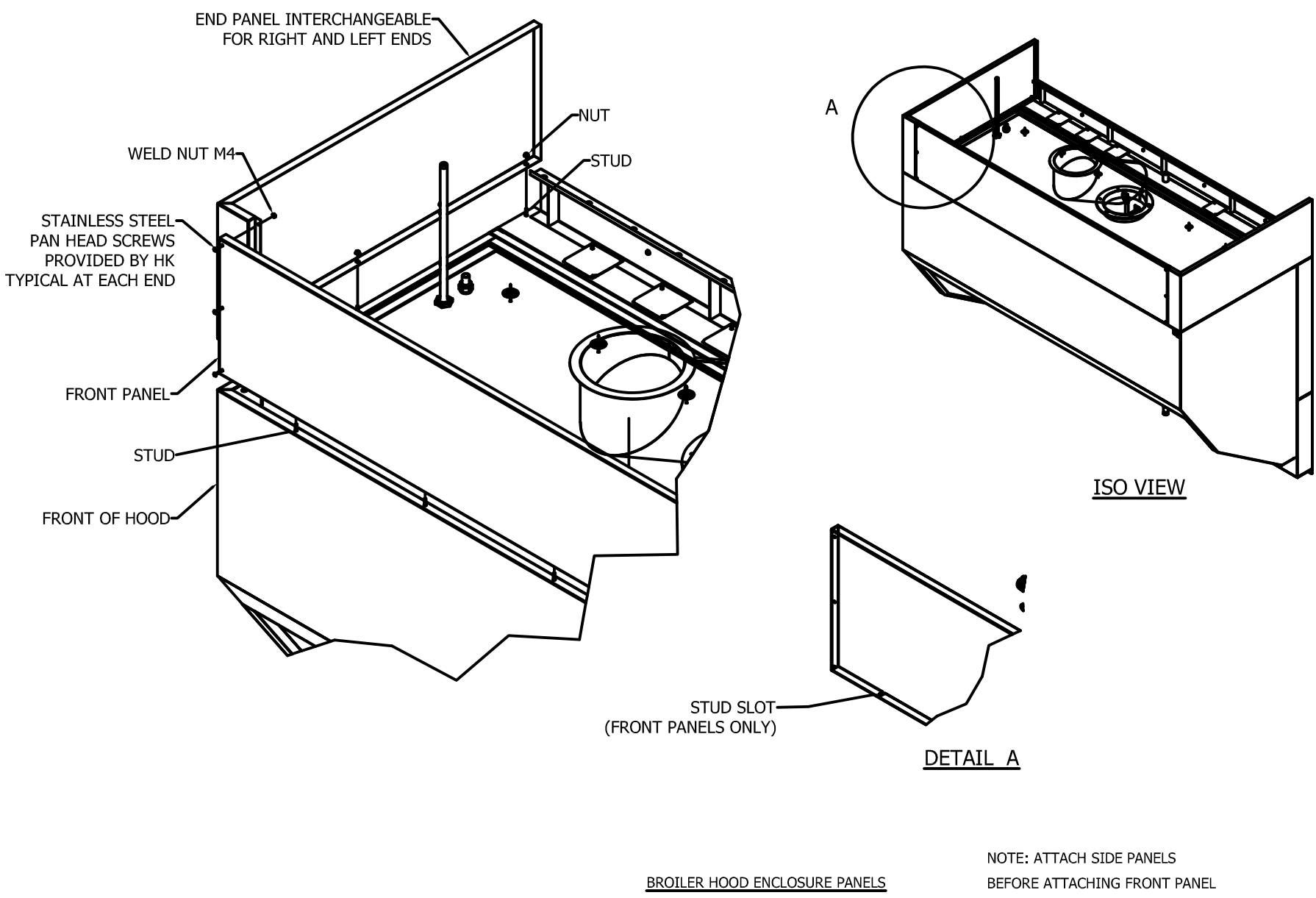
NOTE: THE EXHAUST AIR FLOW RATES WERE ESTABLISHED UNDER CONTROLLED LABORATORY CONDITIONS. GREATER EXHAUST RATES MAY BE REQUIRED FOR COMPLETE VAPOR AND SMOKE REMOVAL IN SPECIFIC INSTALLATIONS.



**NOTES:**  
1. DUKE BROILER REQUIRES SINGLE RECEPTACLE NEMA 520R HOSPITAL GRADE (ORANGE) 120V/20AMP.  
2. IF LOCAL CODE REQUIRES G.F.I. PROTECTION, THE PROTECTION SHALL BE PROVIDED IN THE CIRCUIT BREAKER PANEL BY THE ELECTRICIAN.



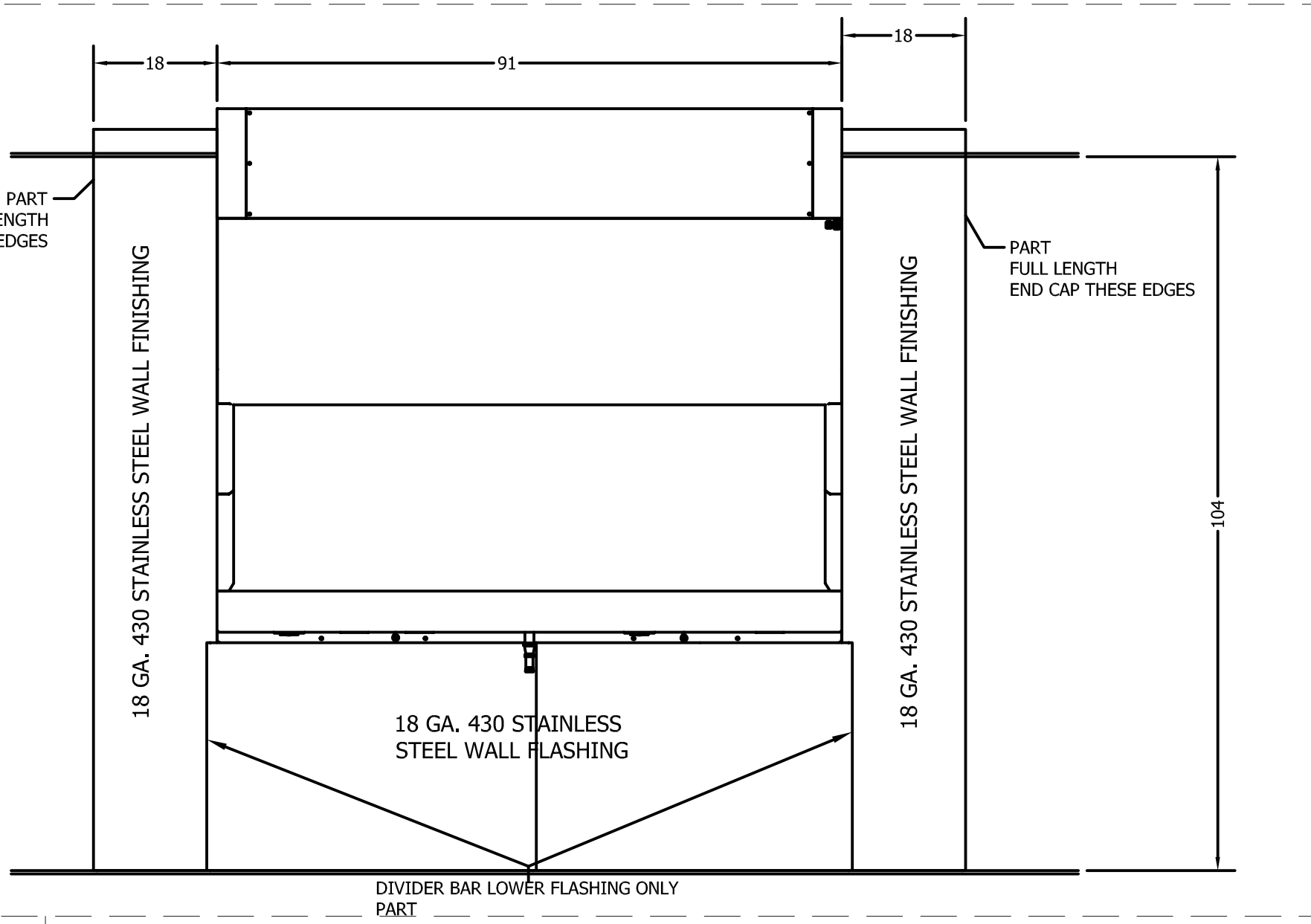
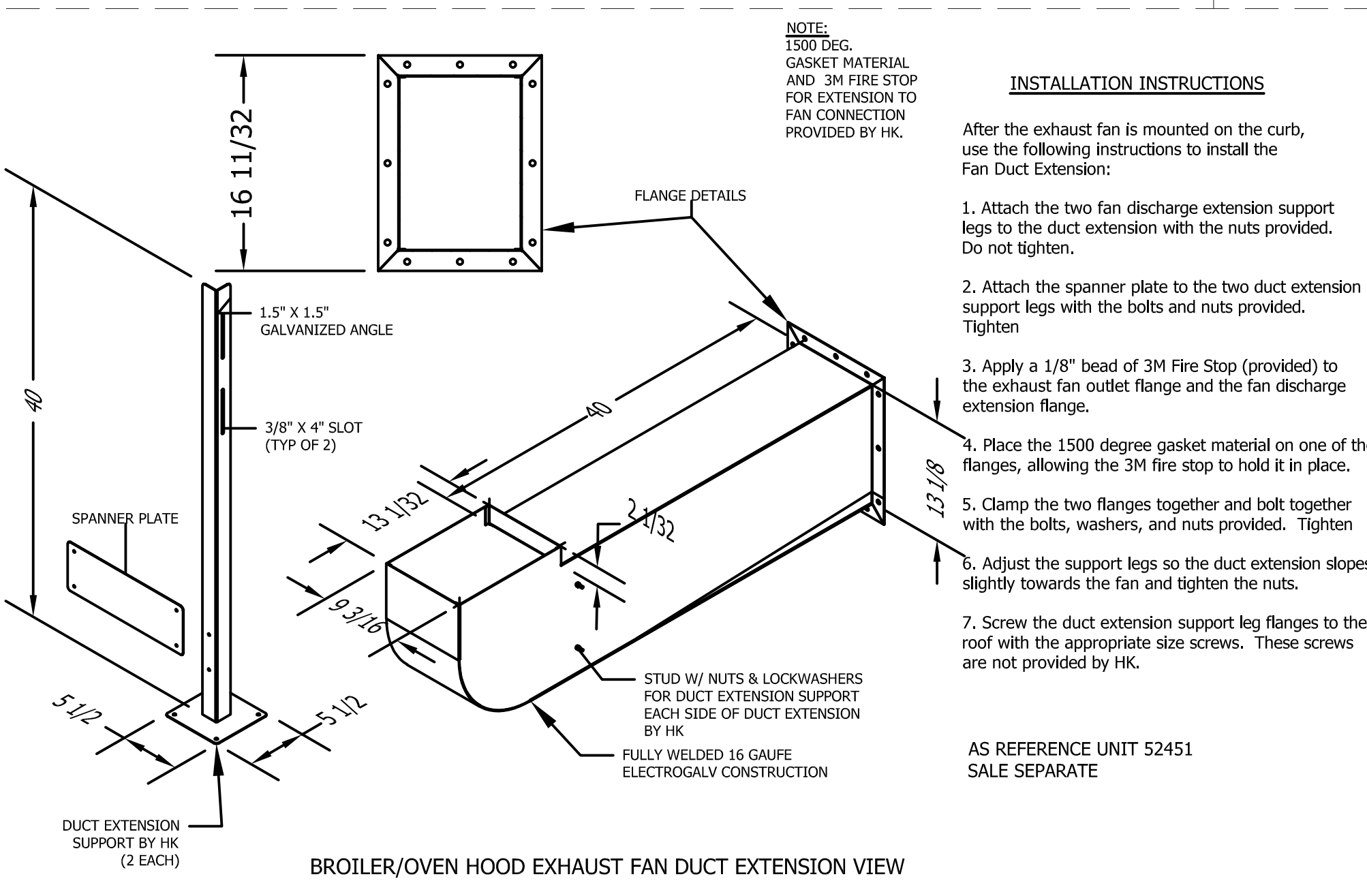
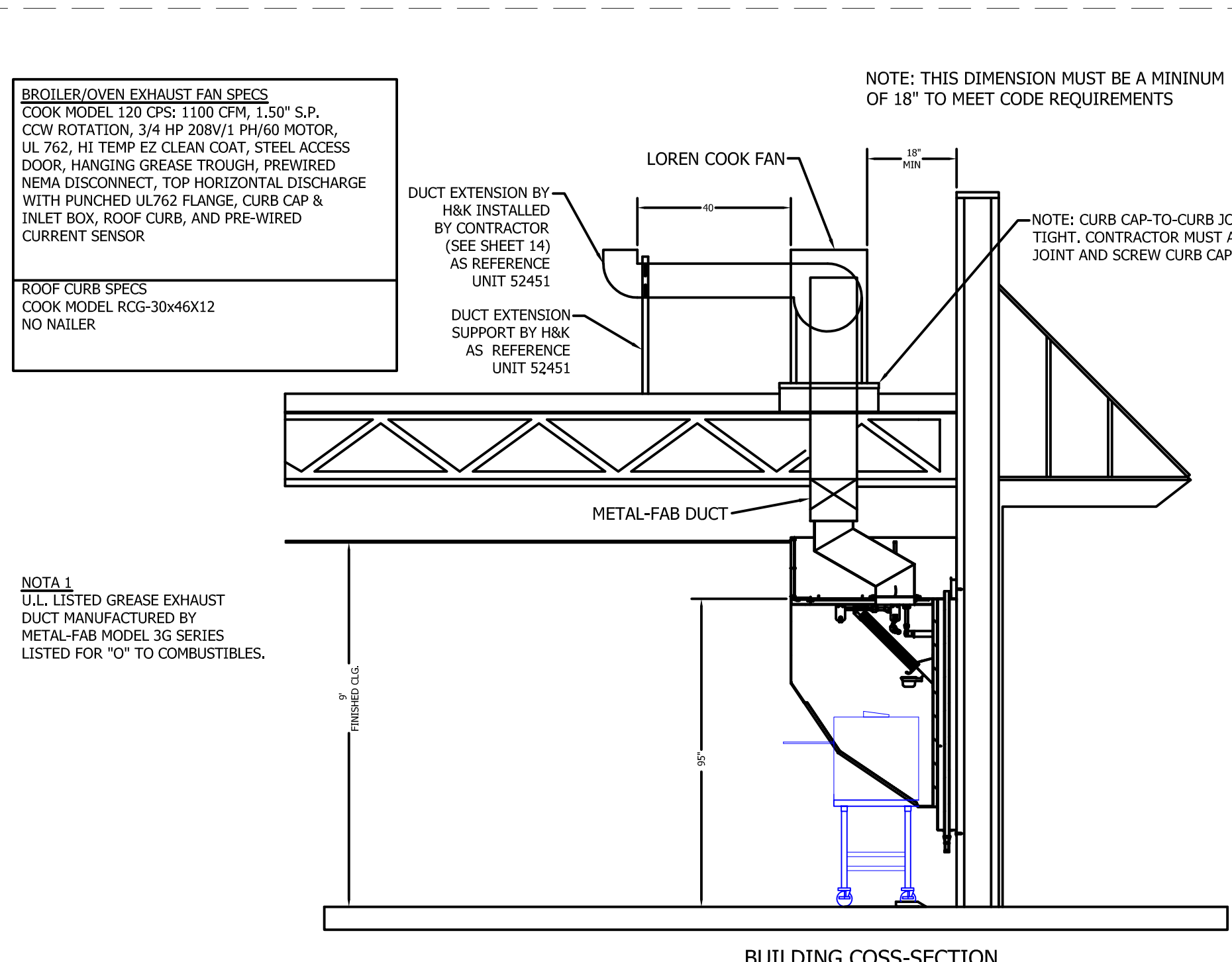
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**Gary G. Starkand, P.E.**  
 Consulting Engineer  
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 Tampa, FL 33607 (813) 251-6848

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**N-C-A**  
 CONSULTANTS / GROUP  
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 CLEARWATER, FLORIDA  
 PHONE: (877) 530-0078  
 CALL NCA MARKETING FOR PRICING  
 NCA JOB# 18-251



MH16346

2200 SKYLINE DR. HOUSTON, TEXAS 75149  
 1-800-788-2445 1-214-818-3500

FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT

UL710, STANDARD FOR EXHAUST HOOD FOR COMMERCIAL EQUIPMENT, 6TH EDITION CAN/ULC-S646-10, STANDARD FOR EXHAUST HOODS AND RELATED CONTROLS, 3RD EDITION, JULY 2010

MODEL NUMBER: 52415 HOOD LENGTH 7 FT - 7 IN.  
 NO. DE SERIE: 5371116-007  
 NO DE FABRICATION: HKD  
 DATE DE FABRICATION: 06/03/15

SPACING BETWEEN LOWER EDGE OF THE HOOD AND APPLIANCE HOUSING (MAXIMUM, MINIMUM) / OVERHANG TO APPLIANCE HOUSING (SIDE, FRONT)

BROILER (RATED UP TO 100 KBTU/HR):  
 MAXIMUM: 17 IN (432mm) SIDE: 12 IN (305mm)  
 MINIMUM: 3 IN (76mm) FRONT: 6 IN (153mm)

OVEN (RATED UP TO 8 KW):  
 MAXIMUM: 18 IN (457mm) SIDE: 1-1/2 IN (38mm)  
 MINIMUM: 6 IN (178mm) FRONT: 3 IN (77mm)

MINIMUM EXHAUST AIRFLOW: 145 CFM/FT / TOTAL 1100 CFM (13.6 CU.M/MIN/M / TOTAL 31.1 CU.M/MIN)

FILTERS MUST BE IN PLACE: FLAMEGUARD, MODELS 202020 (X2) AND 202016 (X3), UL FILE #R10173 CLEARANCE TO COMBUSTIBLES 18" (457mm)

MH16346

2200 SKYLINE DR. HOUSTON, TEXAS 75149  
 1-800-788-2445 1-214-818-3500

POUR EQUIPEMENT COMMERCIAL ET INSTITUTIONNEL

UL710, NORME POUR SORBONNES EQUIPEMENT DE CUISSON COMMERCIAL, 6TH EDITION CAN/ULC-S646-10, NORME POUR HOTTES ET LES CONTROLES CONNEXES, 3EME EDITION, JUILLET 2010

MODEL NUMBER: 52415 HOOD LENGTH 7 FT - 7 IN.  
 NO. DE SERIE: 5371116-006  
 NO DE FABRICATION: HKD  
 DATE DE FABRICATION: 06/03/15

ESPACEMENT ENTRE LE BORD INFERIEUR DE LA HOTTE ET L'APPAREIL LOGEMENT (MAXIMUM, MINIMUM) / FAUX DE L'APPAREIL LOGEMENT (COTE, DEVANT)

CHAIR (NOMINAL 100 KBTU/HR):  
 MAXIMUM: 17 IN (432mm) COTE: 12 IN (305mm)  
 MINIMUM: 3 IN (76mm) DEVANT: 6 IN (153mm)

FOUR (NOMINAL 8 KW):  
 MAXIMUM: 18 IN (457mm) COTE: 1-1/2 IN (38mm)  
 MINIMUM: 6 IN (152mm) DEVANT: 3 IN (77mm)

DEBIT D'AIR MINIMUM: 145 CFM/FT / TOTAL 1100 CFM (13.6 CU.M/MIN/M / TOTAL 31.1 CU.M/MIN)

FILTRES OBLIGATOIRES EN PLACE: FLAMEGUARD, MODELS 202020 (X2) AND 202016 (X3), UL FILE #R10173 LIQUIDATION DE COMBUSTIBLES 18" (457mm)

**Contact Information for the Job Site Contractor**

**Manufactured by:**  
 H&K International  
 2200 Skyline Dr.  
 Mesquite, TX 75149  
 U.S.A.  
 Telephone: (214) 818-3500  
 (214) 818-3596

**Distributed by:**  
 H&K International  
 2200 Skyline Dr.  
 Mesquite, TX 75149  
 U.S.A.  
 Telephone: (214) 818-3500  
 (214) 818-3596

**Part Ordering and Service Returns**  
 Contact: H&K International  
 2200 Skyline Dr.  
 Mesquite, TX 75149  
 U.S.A.  
 Telephone: (214) 818-3500  
 (214) 818-3596

**Damages and Shortages**  
 Upon receipt, examine the equipment carefully for any damage. If damage has occurred, notify the carrier and H&K Dallas Inc. immediately.

**Service and parts**  
 Contact: H&K International  
 2200 Skyline Dr.  
 Mesquite, TX 75149  
 U.S.A.  
 Telephone: (214) 818-3500  
 (214) 818-3596

**Contact Information**

**Sales Support**  
 Heather Valverde  
 Telephone: (214) 818-3521  
 E-mail: heather.valverde@hki.com  
 Engineering Support  
 Bryan Tonn  
 Telephone: (214) 818-3580  
 E-mail: bryan.tonn@hki.com  
 Allen Barton  
 Telephone: (214) 818-3625  
 E-mail: allen.barton@hki.com

**Metal-Fab Duct Installation Questions**  
 Metal-Fab Inc., Wichita, Kansas  
 1. Customer Service, Commercial Vent Products: 800-835-2830

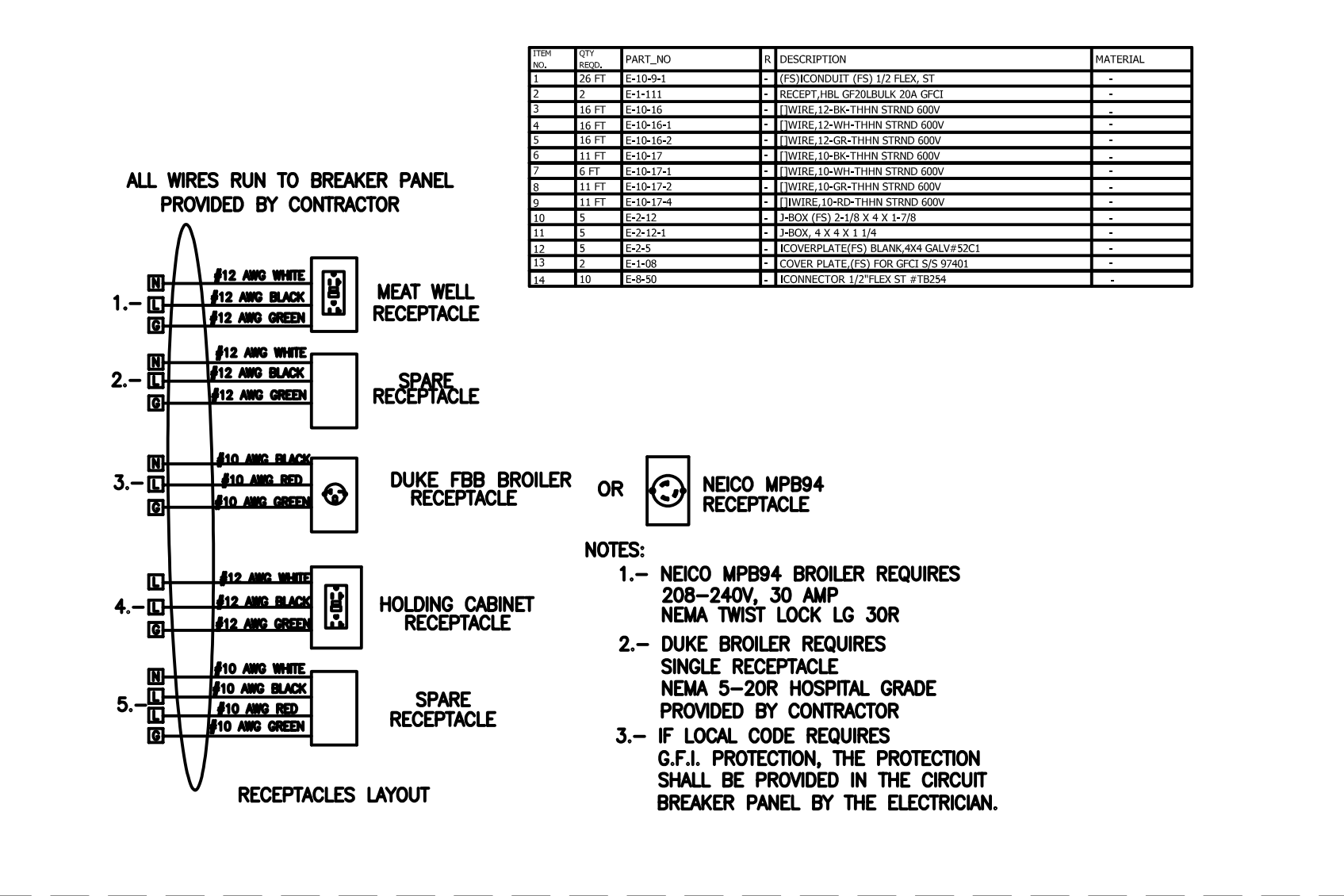
**Loren Cook Fan Installation Questions**  
 Loren Cook Company, Springfield, Missouri:  
 1. David Ray Office Phone: 417-869-6474

**Amerex Fire System Installation Questions**  
 The Hood has been factory pre-piped for an Amerex fire system. The package from HK includes complete installation of the Amerex fire system including all plans, permits, check out and certification. The local Amerex distributor will bring all the system components at the time of installation.

**Important Note:** The local Amerex distributor will make contact with the general contractor to set up the installation schedule. If you have not heard from the distributor contact:  
 Amerex Corporation, Trussville, Alabama  
 1. Karen Mann Office Phone: 205-655-5730

**Ansul Fire System Installation Questions**  
 Note: As an option, the hoods may be pre piped for an Ansul R-102 fire system. If this option is used, Gaylord does not provide complete installation.

If you have questions regarding Ansul installations & you do not know your local Ansul Distributor, contact:  
 Ansul Inc., Marinette, WI  
 Office Phone: 800-862-6785



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DATE: 01-05-2018  
 CHECKED BY: SMC  
 REVISION  
 ISSUED FOR CONSTRUCTION

DRAWN BY: DMW  
 NO. DATE  
 001 01/05/2018  
 002 01/05/2018

**BURGER KING**

FRANCHISEE:  
 GPS HOSPITALITY  
 2100 RIVEREDGE PARKWAY  
 SUITE 850  
 ATLANTA, GA 30328  
 PHONE: 770-738-8798

**CURRAN ARCHITECTURE**  
 5719 LAWTON LOOPE DR. #212  
 INDIANAPOLIS, IN 46216  
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 F :: 317.288.0753

**GARY G. STARKAND, P.E.**  
 CONSULTING ENGINEER  
 1717 N. HOWARD AVENUE  
 TAMPA, FLORIDA 33607  
 (813) 251-6848

PROJECT #: 180004  
 PROC-60 REVERSE  
**BURGER KING RESTAURANT**  
 BURGER KING RESTAURANT  
 XXX BUCHANAN TRAIL EAST  
 GREENCASTLE, PA 17225  
 HOOD DETAILS

M5

Gary G. Sterkund, P.E.  
Consulting Engineer  
1711 N. Weaver Avenue  
Tampa, FL 33607 (813) 251-6848

DRAWING INFORMATION		
DATE	DESCRIPTION	BY
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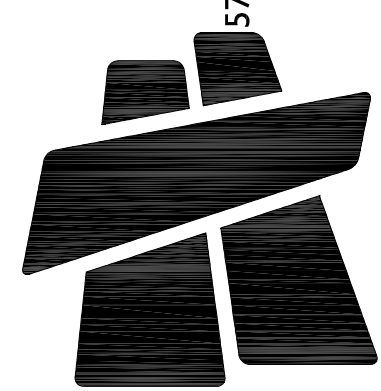
**N-C-A**  
CONSULTANTS / GROUP  
4585 140TH AVE. NORTH, SUITE #1001  
CLEARWATER, FLORIDA  
PHONE: (877) 530-0078  
CALL NCA MARKETING FOR PRICING  
NCA JOB# 18-251

NO.	DATE	REVISION



FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVERDEE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

**CURRAN ARCHITECTURE**  
5719 LAWTON LOUPE DR. #212  
INDIANAPOLIS, IN 46216  
O :: 317.288.0681  
F :: 317.288.0753

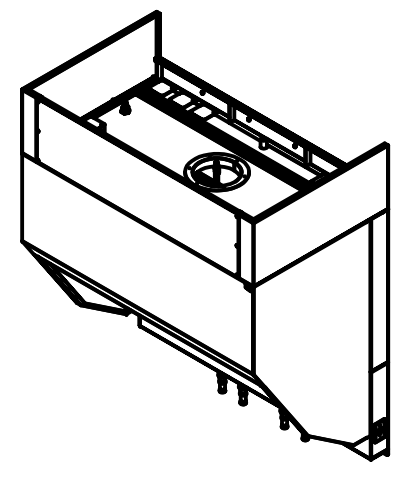


GARY G. STERKUND, P.E.  
1711 N. WEAVER AVENUE  
TAMPA, FLORIDA 33607  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF FLORIDA  
E-108854  
BEN 2/20/18

PROJECT # 180004  
REVERSE  
**BURGER KING RESTAURANT**  
XXX BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
HOOD DETAILS

M6

5' 7" FRYER HOOD



SHEET #	INDEX	DESCRIPTION
01	COVER SHEET	
02	FRONT ELEVATION	
03	SECTION VIEW	
04	PLAN VIEW	
05	FIRE SUPPRESSION SYSTEM	
06	FRONT ELEVATION - UTILITIES	
07	UTILITIES PLAN VIEW	
08	TYPICAL GAS APPLIANCE CONNECTION DETAILS	
09	AMEREX PRE-PIPING DETAILS	
10	COVER SHEET ENCLOSURE PANEL DETAILS	
11	HOOD HANGING DETAILS	
12	WALL FLASHING DETAILS	
13	FAN SPECIFICATION	
14	BROILER/OVEN HOOD EXHAUST FAN DUCT EXTENSION	
15	8K HOOD EXHAUST FAN-FIRE SYSTEM-HVAC SYSTEM CONTROL MATRIX	
16	RATING LABEL	
18	WIRING DIAGRAM	
19	CONTACT INFORMATION	

**DESCRIPTION**  
THE H&K INTERNATIONAL MODEL # 52424 CANOPY-STYLE VENTILATION HOOD IS INTENDED SPECIFICALLY FOR APPLICATIONS WHERE A BASKET FRYER CONFIGURATION ARE USED.

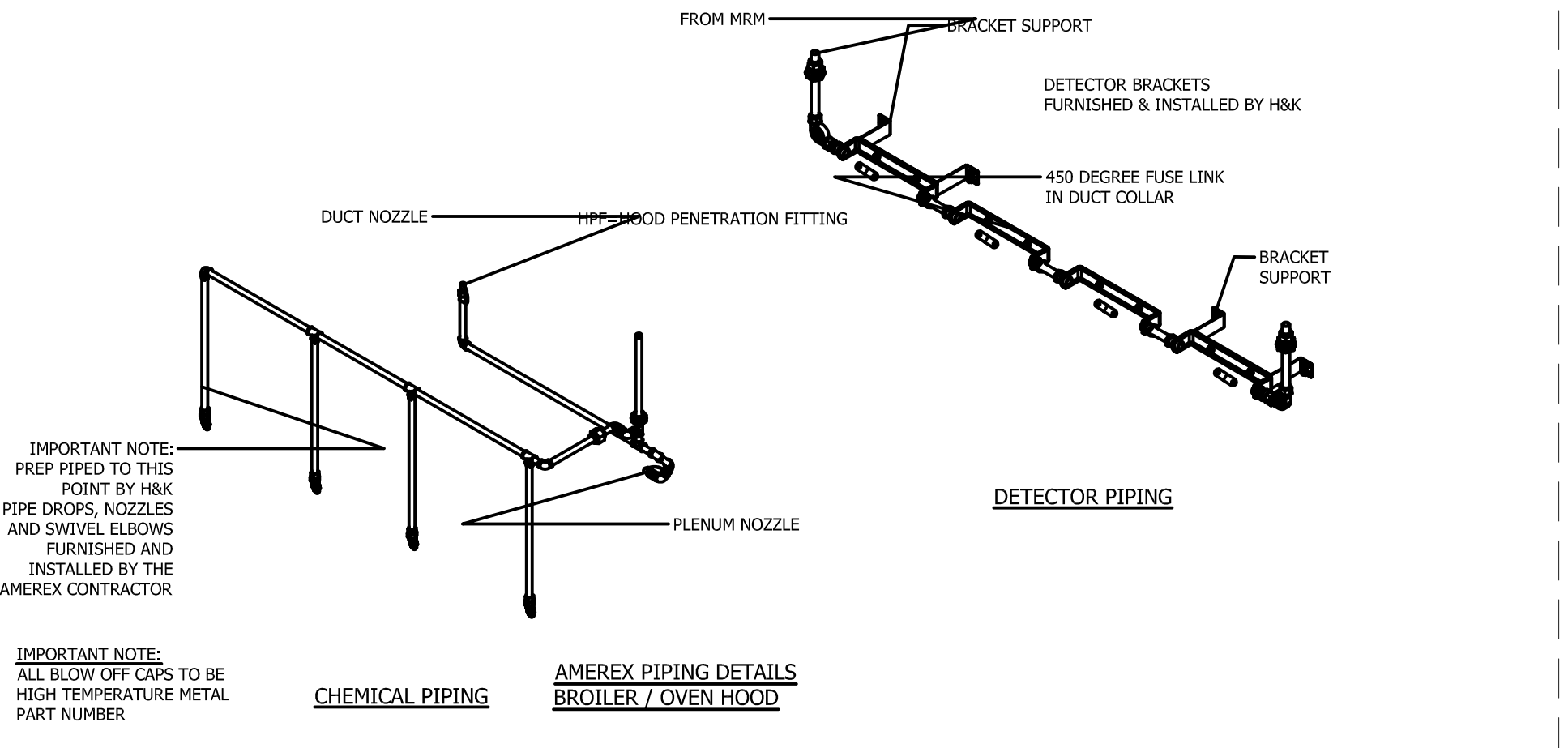
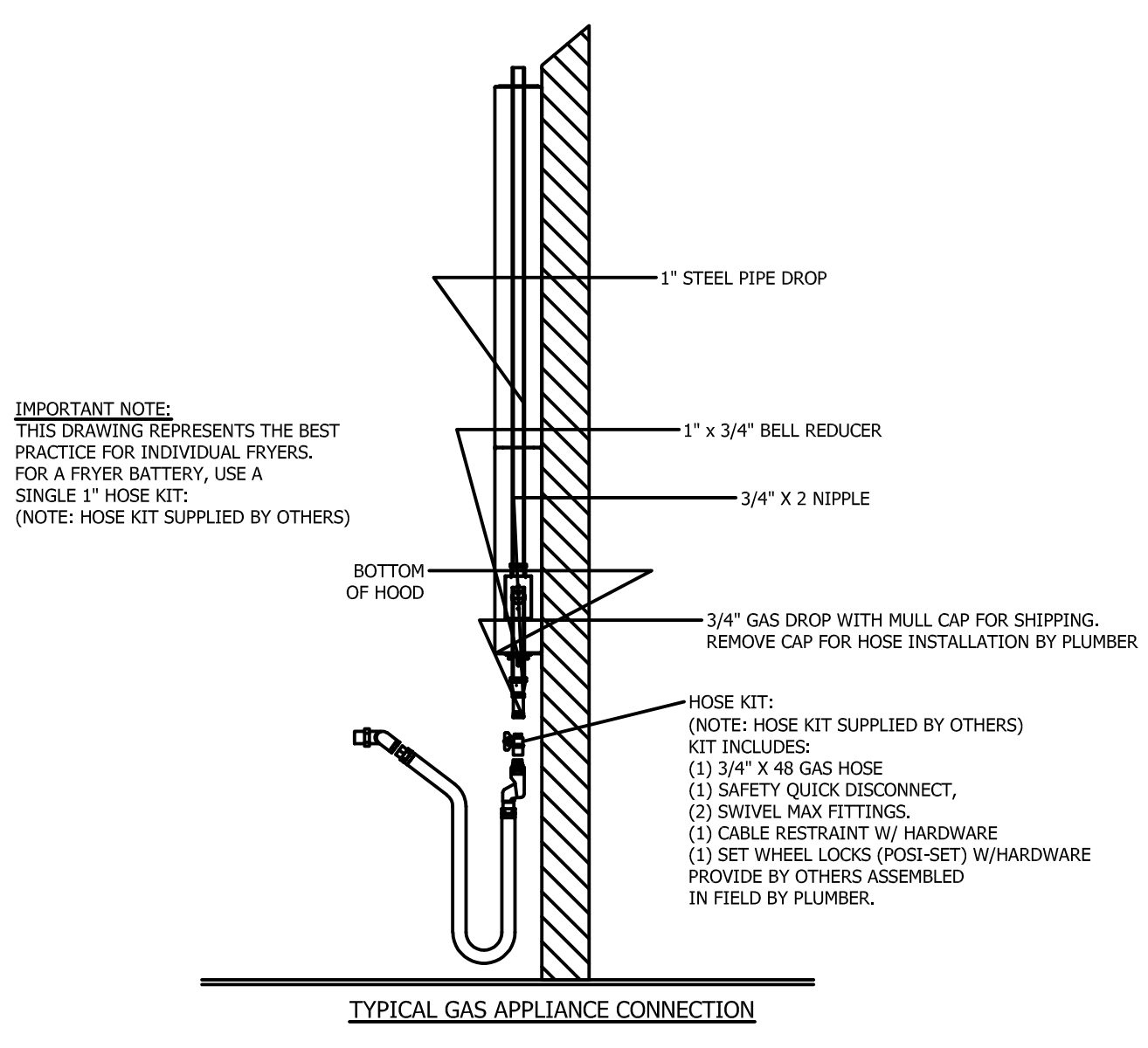
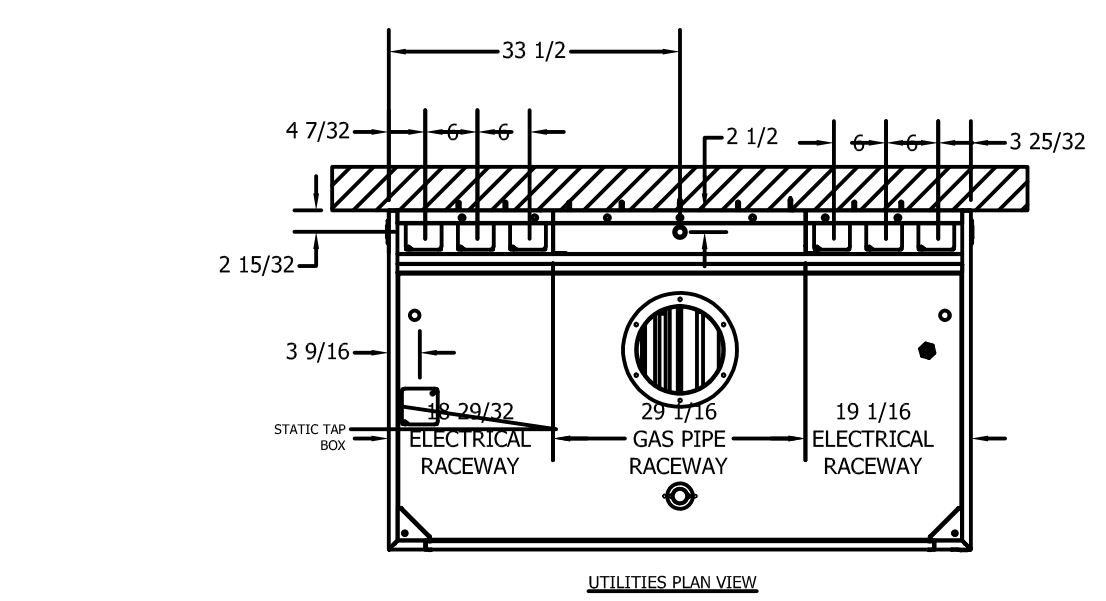
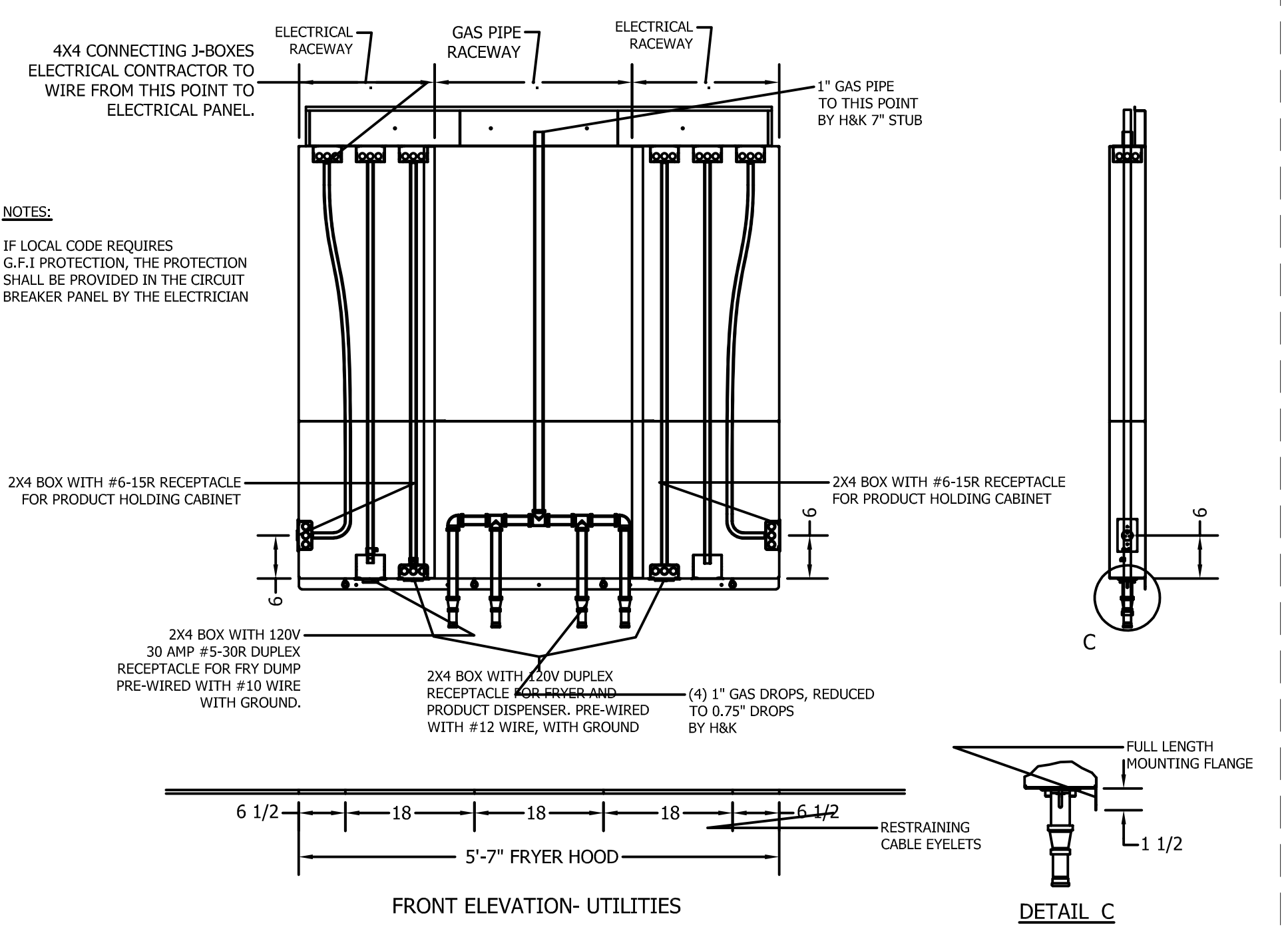
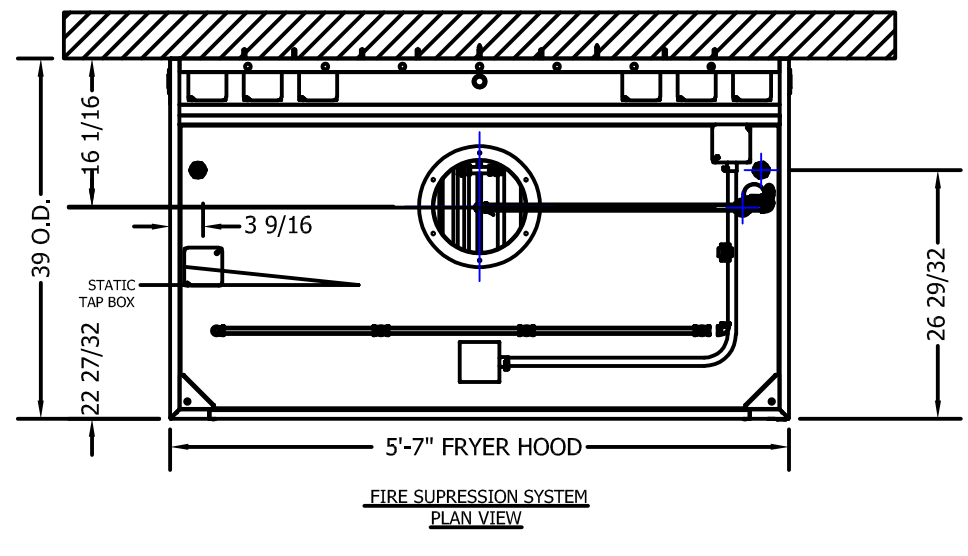
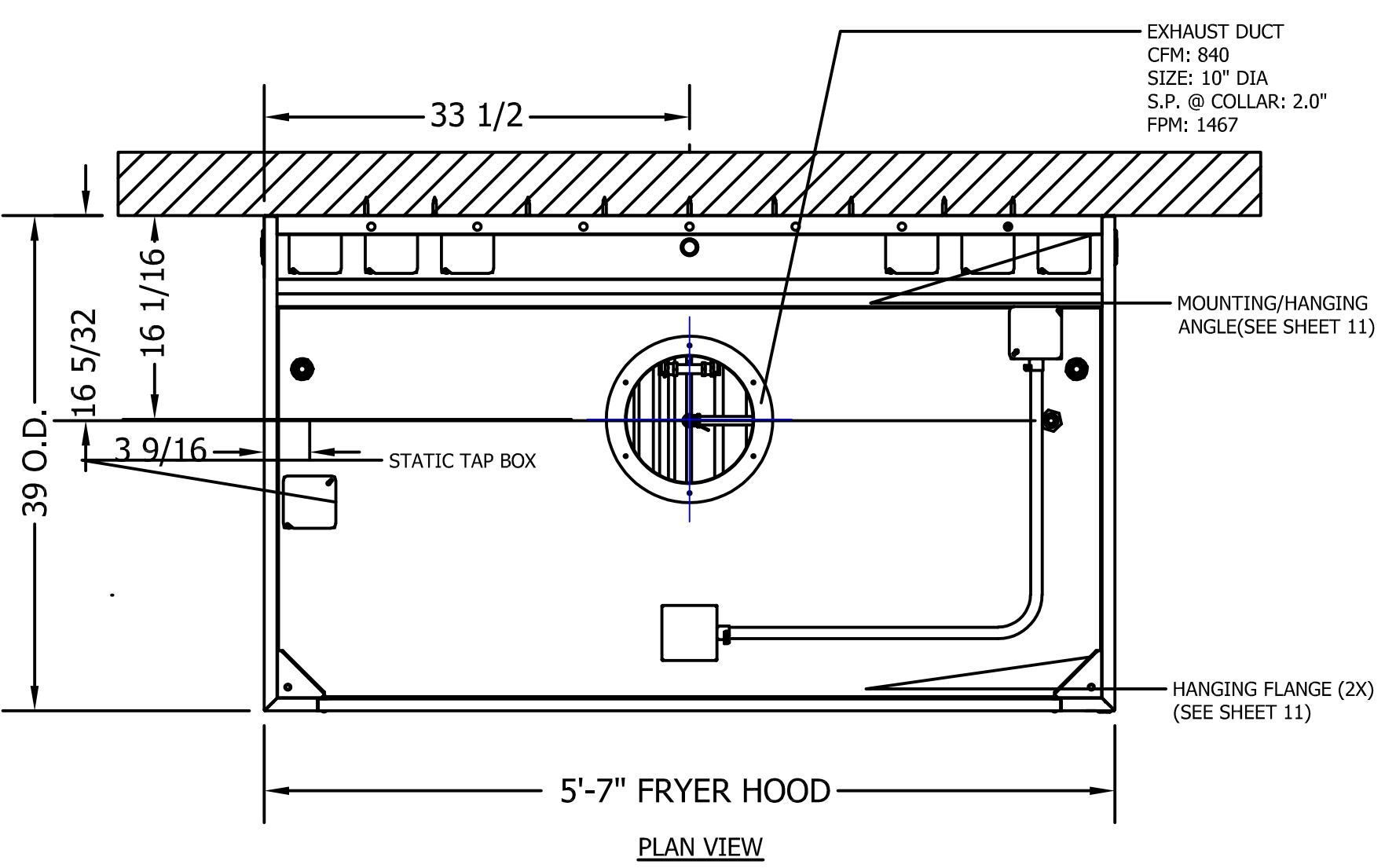
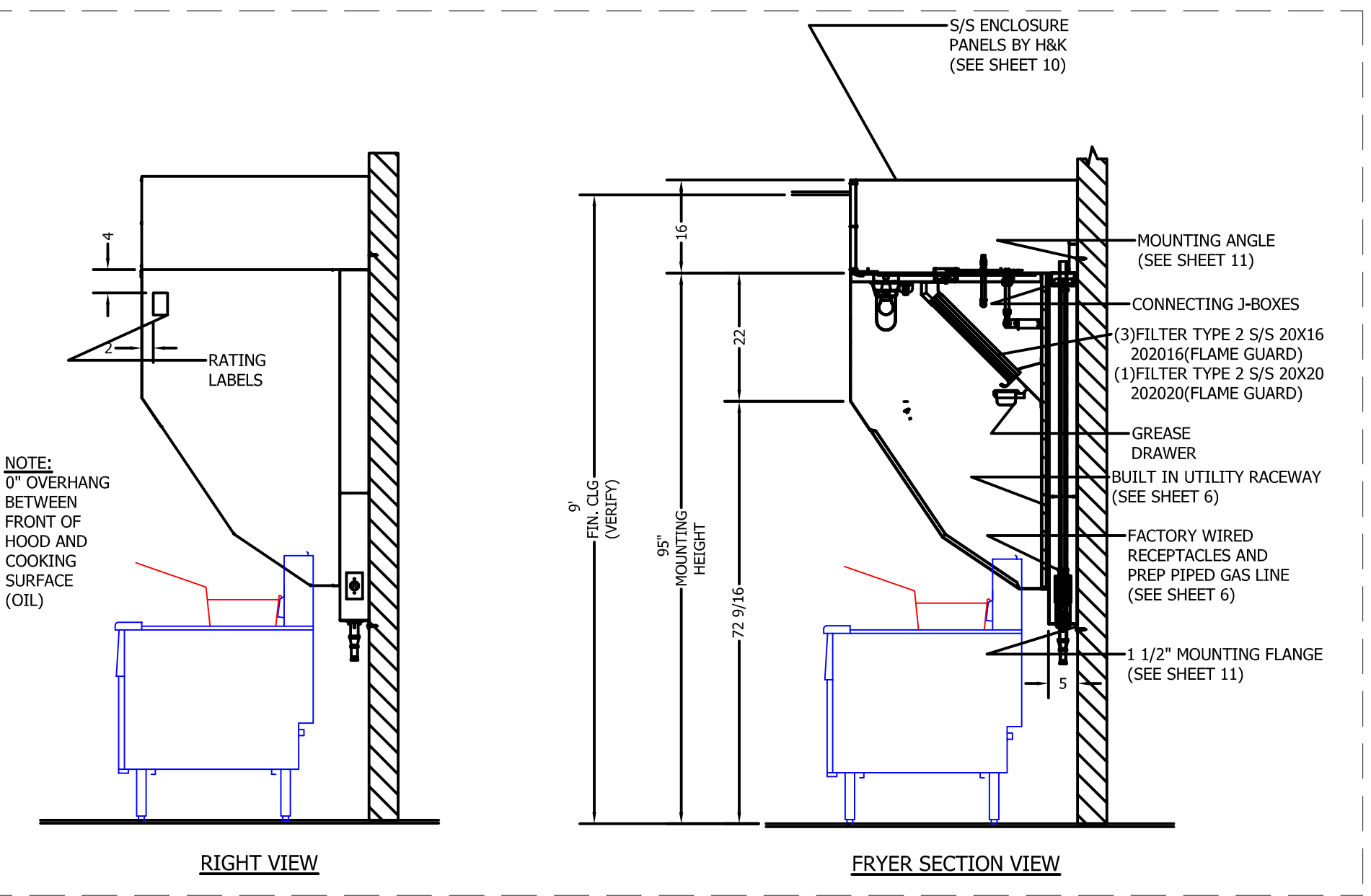
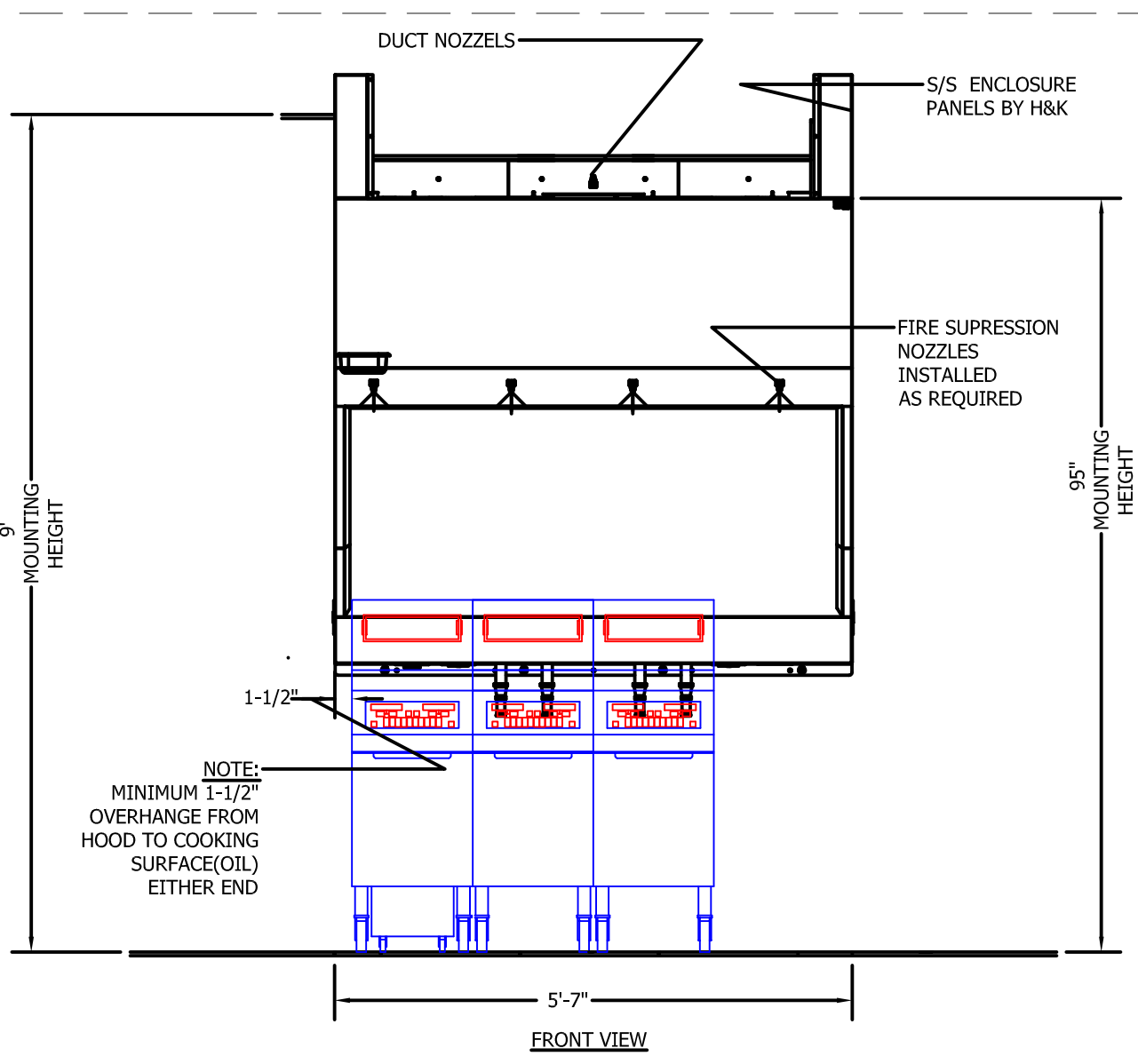
**INSTALLATION**  
IT INCLUDES A 5" AIR SPACE/1" INSULATED BACK PANEL (TOTALING 6")-APPROVED FOR MOUNTING DIRECTLY TO A LIMITED COMBUSTIBLE WALL (SHEET ROCK AND METAL STUDS).  
HOODS ARE PRE-PIPED FOR AMEREX OR ANSUL FIRES SUPPRESSION SYSTEMS  
ENCLOSURE PANELS AND WALL FLASHING ARE MANUFACTURED FROM 18-GAUGE STAINLESS STEEL.

**FILTERS/GREASE REMOVAL**  
THIS HOOD UTILIZES A COMBINATION OF FLAMEGUARD HEAVY-DUTY STAINLESS STEEL GREASE FILTERS-16" X20" AND 24" X30" SIZES-CLASS LISTED (FILE # R10173).  
THEY MUST BE INSTALLED AT ALL TIMES DURING VENTILATION HOOD OPERATION

NOTE: INSTALLATION TO BE IN ACCORDANCE WITH UL-C-5650, STANDARD FOR THE INSTALLATION AND PERFORMANCE OF VENTILATION AND FIRE SUPPRESSION FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT.

**APPROVALS / CERTIFICATIONS**  
THIS HOOD COMPLIES WITH THE FOLLOWING:  
UL719 / UL-C-5646  
STANDARD FOR EXHAUST HOOD AND RELATED CONTROLS FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT  
NFPA96  
NATIONAL FIRE PROTECTION ASSOCIATION - STD 96  
NSF2  
NATIONAL SANITATION FOUNDATION NO. 2 "FOOD SERVICE EQUIPMENT"

NOTE: THE EXHAUST AIR FLOW RATES WERE ESTABLISHED UNDER CONTROLLED LABORATORY CONDITIONS. GREATER EXHAUST RATES MAY BE REQUIRED FOR COMPLETE VAPOR AND SMOKE REMOVAL IN SPECIFIC INSTALLATIONS.

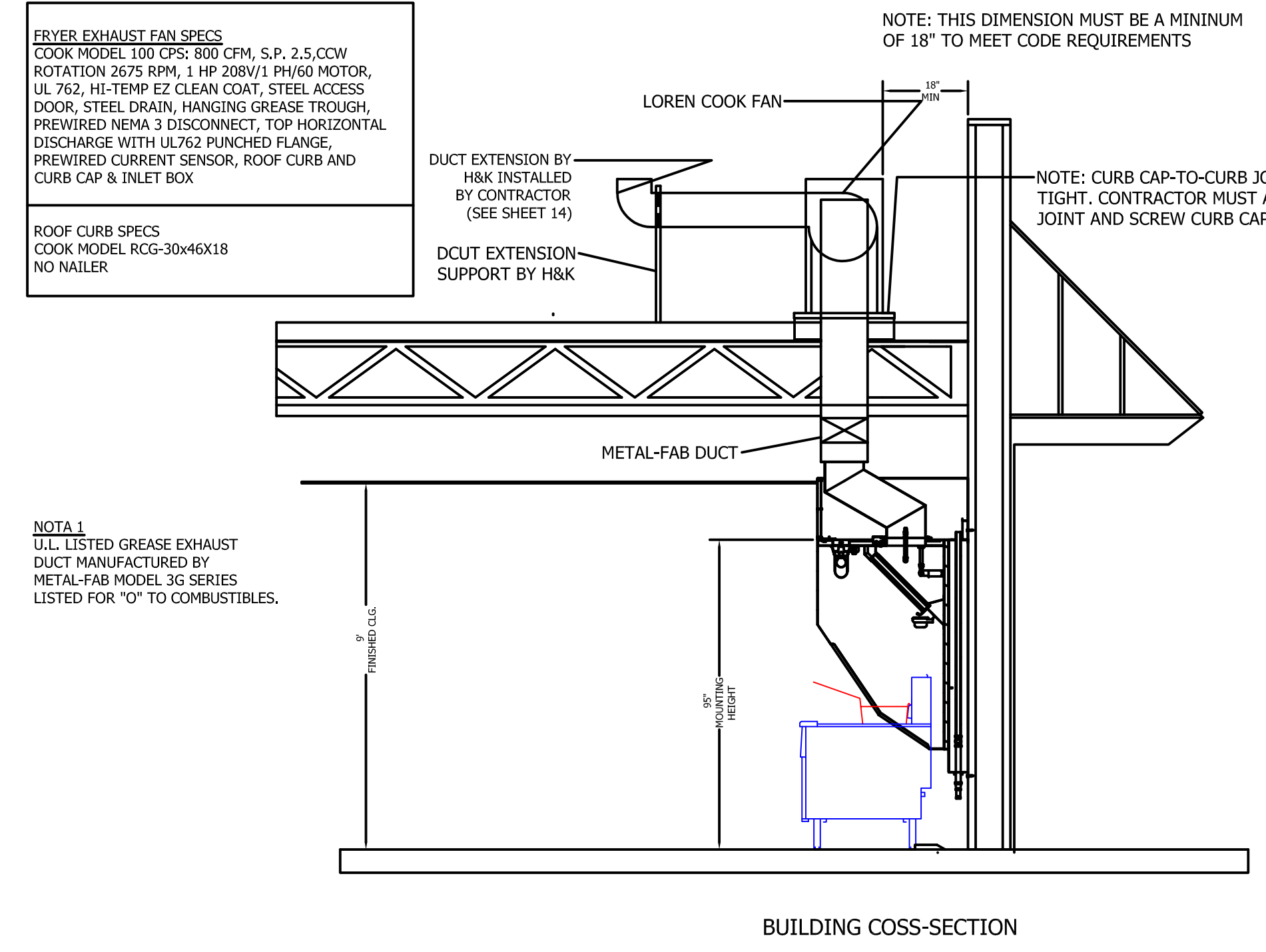
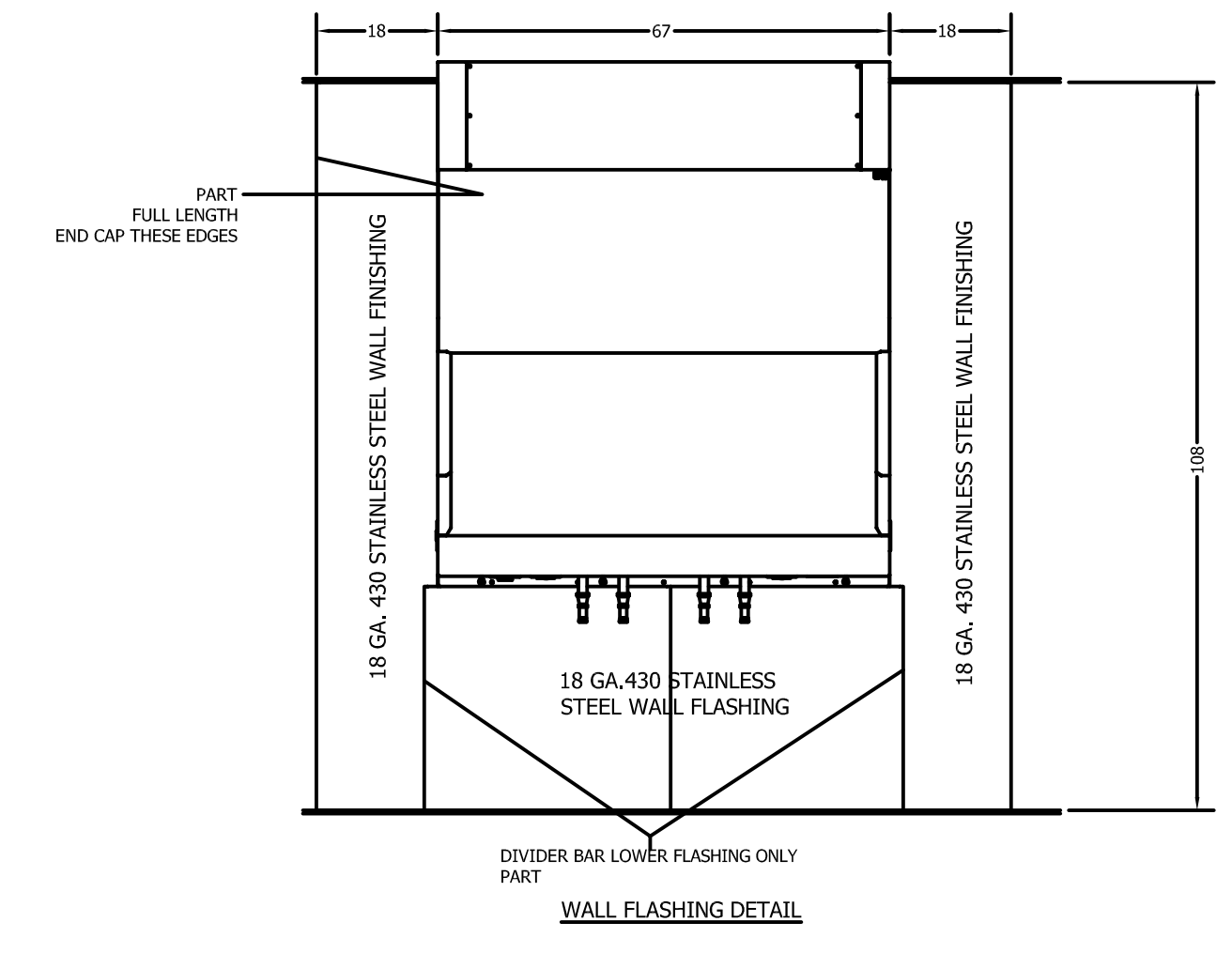
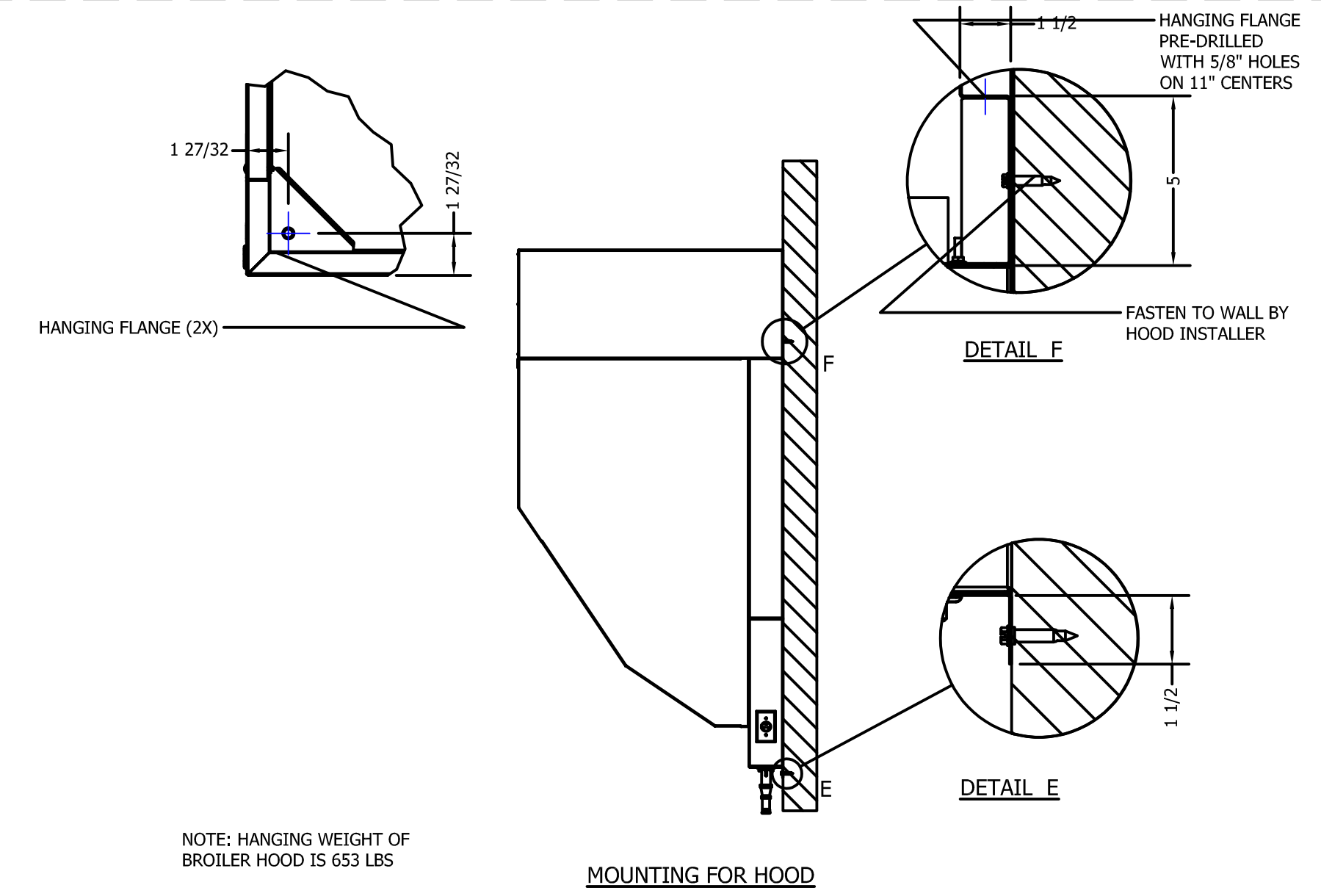
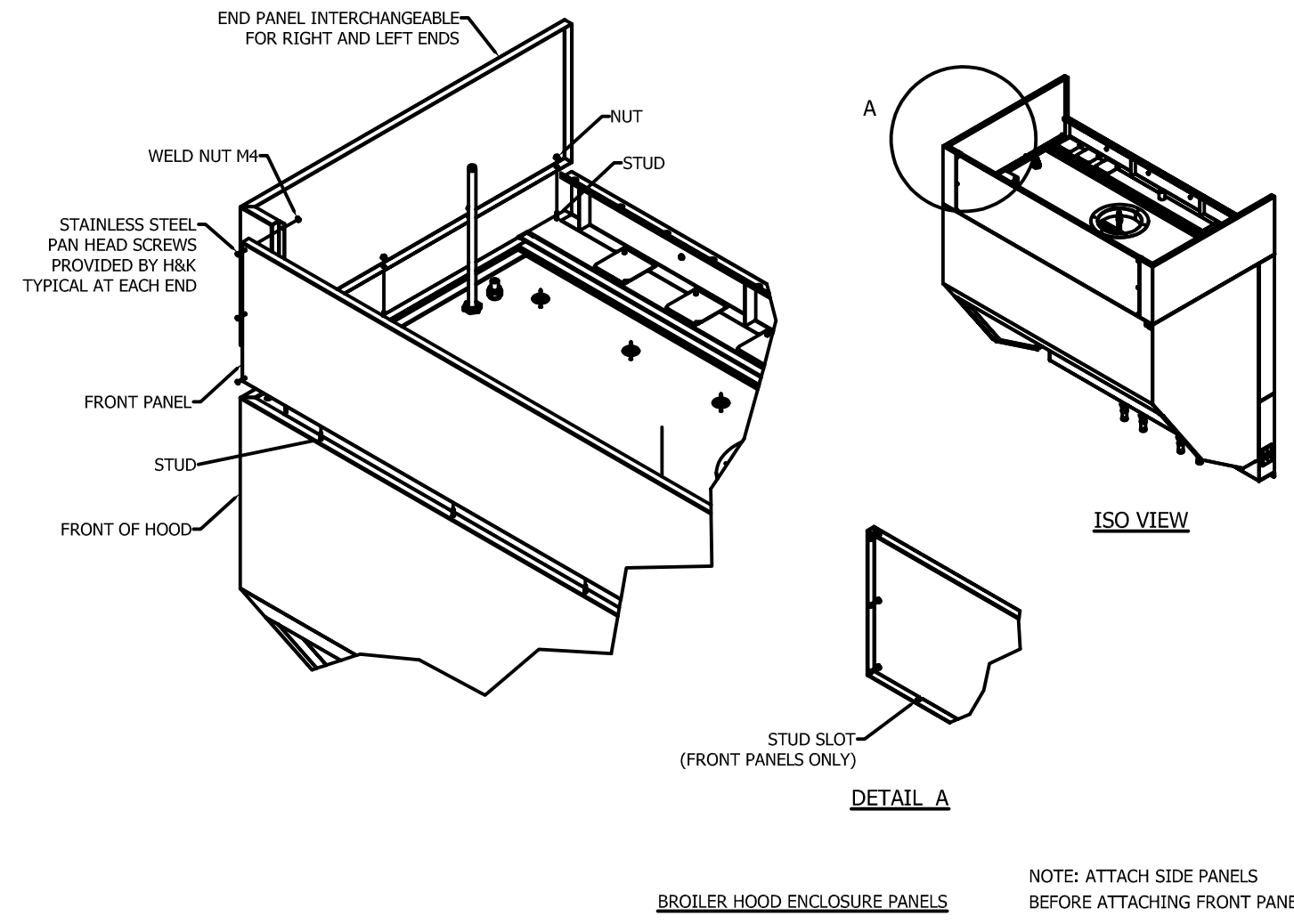


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Gary G. Sterkund, P.E.  
Consulting Engineer  
1711 N. Howard Avenue  
Tampa, FL 33607 (813) 251-6848

DRAWING INFORMATION		
DATE	DESCRIPTION	BY
02-18-18	FOR CONSTRUCTION	KM

**N-C-A**  
CONSULTANTS / GROUP  
4585 140TH AVE. NORTH, SUITE #1001  
CLEARWATER, FLORIDA  
PHONE: (877) 530-0078  
CALL NCA MARKETING FOR PRICING  
NCA JOB# 18-251



BK ROC HOOD/EX FAN/FIRE SYSTEM/HVAC CONTROL MATRIX						
ACTION	EX FAN	ELECTRIC PWR TO COOKING EQUIP.	MECH. GAS VALVE	HVAC UNTEST	MAKE UP AIR UNIT (IF APPLICABLE)	COMMENTS
FAN SW. TURNED ON	ON	ON	ON	ON	ON	NOTE: HVAC UNITS MUST BE ON BEFORE EX FAN CAN COME ON
FAN SW. TURNED OFF	OFF	OFF	ON	ON	OFF	
FIRE SYSTEM DISCHARGES	ON	OFF	OFF	OFF	OFF	
SLIPPING FAN BELT	ON	OFF	ON	ON	OFF	PWR TO COOKING EQUIP. OFF VIA CURRENT SENSOR
BROKEN FAN BELT	ON	OFF	ON	ON	OFF	PWR TO COOKING EQUIP. OFF VIA CURRENT SENSOR
POWER OUTAGE	OFF	OFF	ON	OFF	OFF	
HVAC SYSTEM TURNED OFF	OFF	OFF	ON	OFF	OFF	

H&K INTERNATIONAL  
2200 SKYLINE DRIVE  
MESQUITE, TEXAS 75149  
1-800-788-2445 1-214-818-3500

MH16346  
FOR COMMERCIAL AND INSTITUTIONAL KITCHEN EQUIPMENT

UL710 - STANDARD FOR EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT, 6TH EDITION  
CAN/ULC-S646:10 STANDARD FOR EXHAUST HOODS AND RELATED CONTROLS, 3RD EDITION JULY 2010

SUITABLE FOR USE WITH APPLIANCES WITH MEDIUM-DUTY RATING UP TO 400 DEGREES FARENHEIT

MODEL NUMBER: 52424 HOOD LENGTH 5 FT - 7IN.  
EXHAUST AIRFLOW: 13.6 CU.M/MIN

115VAC/60HZ, SINGLE PHASE, LESS THAN 12 AMPS  
SERIAL NUMBER 537116-005  
MANUFACTURING LD. HKD  
MANUFACTURE DATE 06/01/15

SPACING BETWEEN LOWER EDGE OF THE HOOD AND COOKING SURFACE:  
MAXIMUM: 40 IN (1016mm)  
MINIMUM: 8 IN (203mm)  
MINIMUM OVERHANG TO THE COOKING SURFACE  
SIDE: 1-1/2 IN (38mm) FRONT: 0 IN (mm)

MINIMUM EXHAUST AIRFLOW: 150 CFM/FT / TOTAL 840 CFM (13.6 CU.M/MIN/M / TOTAL 23.8 CU.M/MIN)

BAFFLE TYPE FILTERS MUST BE IN PLACE: FLAMEGUARD MODELS 202020 (X1) AND 202016 (X3), UL FILE #R10173  
USE COPPER CONDUCTORS ONLY/ MAXIMUM LIGHT BULB WATTAGE 100W/ CLEARANCE TO COMBUSTIBLES 18" (457mm)

H&K INTERNATIONAL  
2200 SKYLINE DRIVE  
MESQUITE, TEXAS 75149  
1-800-788-2445 1-214-818-3500

MH16346  
POUR EQUIPEMENT COMMERCIAL ET INSTITUTIONNEL

UL710, NORME POUR SORBONNES EQUIPEMENT DE CUISSON COMMERCIAL 6E EDITION  
CAN/ULC-S646:10 NORME POUR HOTTES ET LES CONTROLES CONNEXES, 3EME EDITION, JUILLET 2010

No. DE MODELE: 52424 HOTTES POUR PRITEUSE DE 5'-7"

115VAC/60HZ, MONOPHASE, MOINS DE 12 AMPERES

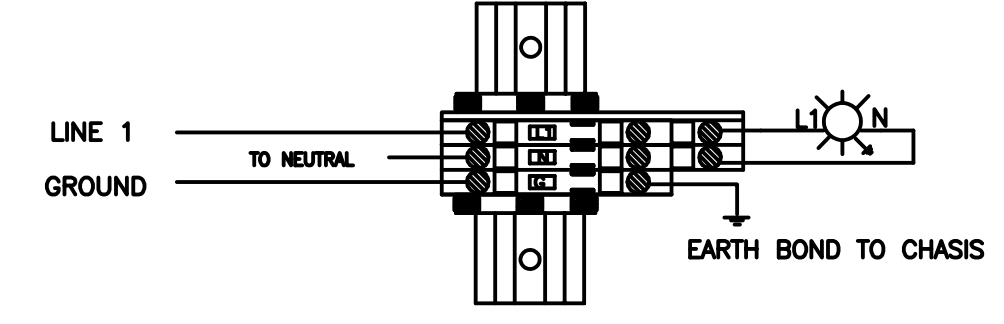
No. DE SERIE 537116-005  
NO. DE FABRICATION HKD  
DATE DE FABRICATION 06/01/15

DISTANCE ENTRE LA SURFACE DE CUISSON ET LA PARTIE INFERIEURE DE LA HOTTES:  
MAXIMUM: 40 IN (1016mm)  
MINIMUM: 8 IN (203mm)  
SURPLOMB MINIMUM A LA SURFACE DE CUISSON:  
COTE: 1-1/2 IN (38mm) DEVANT: 0 IN (mm)

DEBIT D'AIR MINIMUM: 150 CFM/FT / TOTAL 840 CFM (13.9 CU.M/MIN/M / TOTAL 23.8 CU.M/MIN)

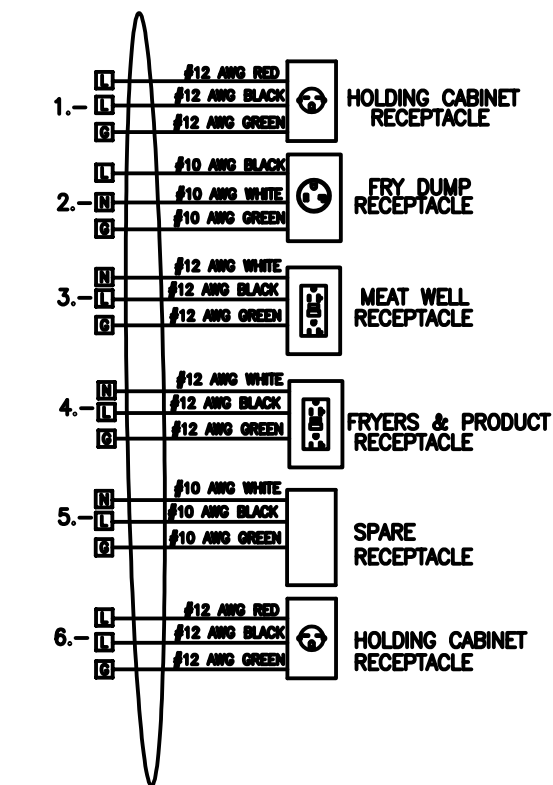
BAFFLE FILTRES OBLIGATOIRES EN PLACE: FLAMEGUARD, MODELE 202020 (X1) ET 202016 (X3), UL FILE #R10173/  
UTILISEZ QUE DES CONDUCTEURS EN CUIVRE/ MAXIMUM AMPOULE PUISSANCE 100W/ LIQUIDATION DE COMBUSTIBLES 18" (457mm)

QTY REQD.	PART_NO	R DESCRIPTION	MATERIAL
7 FT	E-10-9-1	(FS)CONDUIT (FS) 1/2 FLEX, ST	
1	E-1-45-1	BULB 100A/RS/130-PK12-130 ROUGH SERVICE	
1	E-1-45	CANOPY LIGHTING FIXTURES L50-1024 -CSA	
1	E-2-13-1	J-BOX, 4 X 4 X 1 1/4	
1	E-2-5	ICOVERPLATE(FS) BLANK,4X4 GALV#52C1	
2	E-3-196	BLOCK 3-WIRE 20-10AWG 30A GREY	
.33 FT	E-3-202	(FS)E12079 TERM.BLK RAIL(FS,78"/P)	
2	E-3-198	TERM.END STOP(FS)(100/BX)#249-116	
1	E-3-206	(FS)TERM.GROUND BLOCK (50/BX)2	
11.5FT	E-10-5-2	WIRE,14-BK-SF2	
11.5FT	E-10-5-3	WIRE,14-WH-SF2	
11.5FT	E-10-5-4	(FS)WIRE,14-GR-SF2 (FS)	
2	E-8-50	ICONNECTOR 1/2" FLEX ST #TB254	
1	E-3-197	14-J-BOX 4X4X2-1/8 APPLET 4SD-SPL	



NOTE: 115VAC/60HZ  
SINGLE - PHASE  
LESS THAN 12 AMPS

ALL WIRES RUN TO BREAKER PANEL PROVIDED BY CONTRACTOR



REV	QTY	PART_NO	DESCRIPTION	MATERIAL
1	16	E-10-8-1	(FS)CONDUIT (FS) 1/2 FLEX, ST	
2	2	E-1-111	RECEPTACLE FOR 200A BREAK 20A GFCI	
3	11	E-10-18	WIRE,12-WH-THIN STRND 800V	
4	11	E-10-18-1	WIRE,12-WH-THIN STRND 800V	
5	11	E-10-18-2	WIRE,12-CR-THIN STRND 800V	
6	11	E-10-17	WIRE,10-CR-THIN STRND 800V	
7	11	E-10-17-1	WIRE,10-WH-THIN STRND 800V	
8	11	E-10-17-2	WIRE,10-CR-THIN STRND 800V	
9	11	E-10-17-3	WIRE,10-WH-THIN STRND 800V	
10	4	E-2-12	J-BOX (FS) 2-1/8 X 4 X 1-7/8	
11	7	E-10-1	J-BOX 4 X 4 X 1 1/4	
12	8	E-2-5	ICOVERPLATE(FS) BLANK,4X4 GALV#52C1	
13	2	E-1-88	COVER PLATE(FS) FOR GFCI S/S #7401	
14	14	E-8-50	ICONNECTOR 1/2" FLEX ST #TB254	
15	2	E-1-44-3	RECEPTACLE HUBBELL #5481	
16	1	E-1-88	RECEPTACLE H&K 200A-STRAIGHT BLACK	
17	1	E-11-88-1	COVER PLATE(S) 20A 5723 HUBBELL	
18	2	E-1-18	COVERPLATE(FS), HUBBELL #97091	

NOTE:  
IF LOCAL CODE REQUIRES G.F.I. PROTECTION, THE PROTECTION SHALL BE PROVIDED IN THE CIRCUIT BREAKER PANEL BY THE ELECTRICIAN.

NOTE: 115VAC/60HZ  
SINGLE - PHASE  
LESS THAN 12 AMPS

RECEPTABLE LAYOUT

IMPORTANT NOTE:  
IF FRYER DUMP IS ON THE RIGHT, THE SITE ELECTRICIAN SHALL SWITCH THE 30AMP #5-30R SINGLE RECEPTACLE FOR THE 20AMP RECEPTACLE AT THE LEFT END

NOTE: SEE SHEET M-5 (BROILER AND OVEN HOOD DETAILS) FOR FAN DISCHARGE EXTENSION DETAILS

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DATE: 01-05-2018  
CHECKED BY: SMC  
REVISION ISSUED FOR CONSTRUCTION  
DRAWN BY: DWV  
NO. DATE  
NO. DATE  
NO. DATE

**BURGER KING**

FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVERDEE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

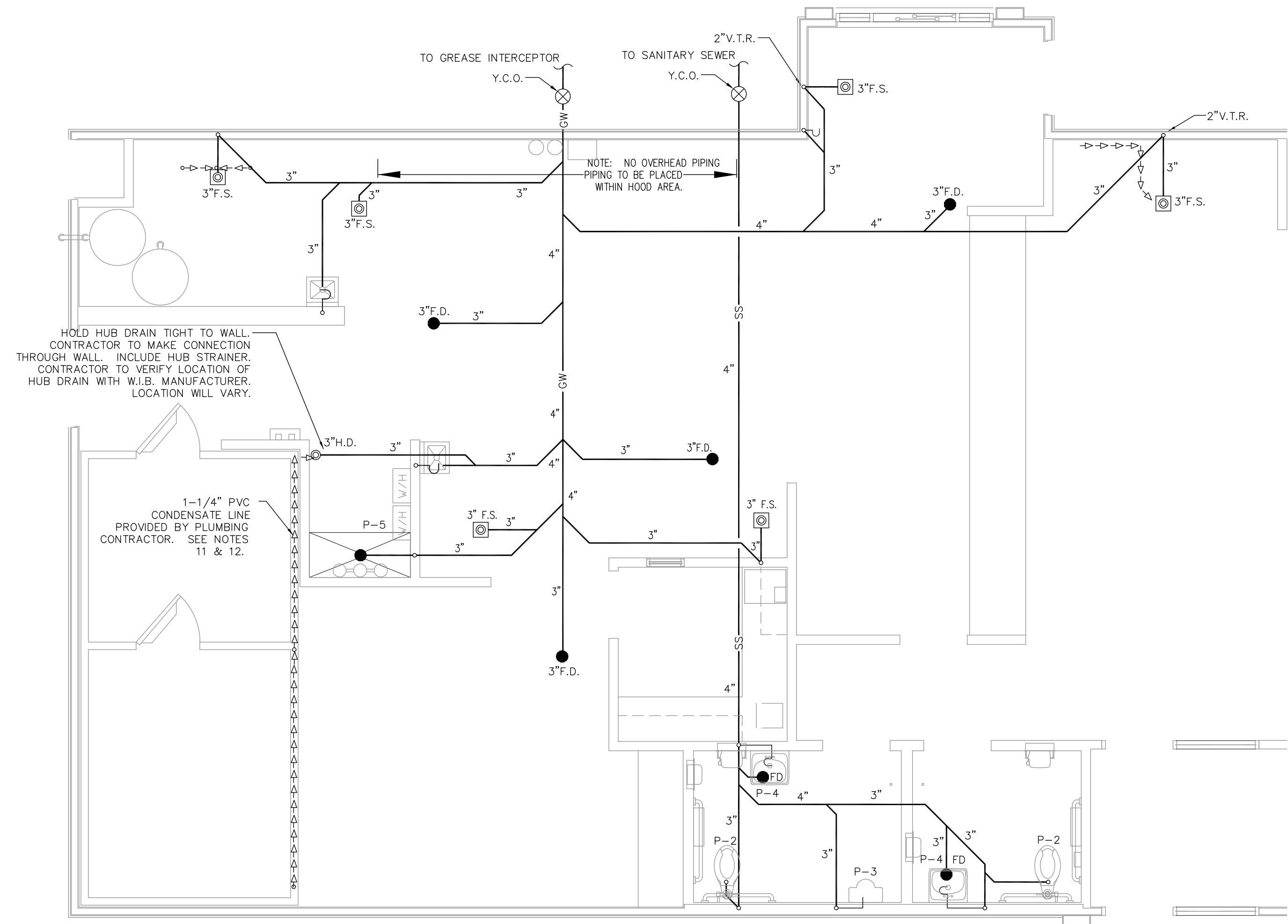
**CURRAN ARCHITECTURE**  
5719 LAWTON LOPE DR. #212  
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E: GSTERKUND@GMAIL.COM

PROJECT #: 180004  
REVERSE  
**BURGER KING RESTAURANT**  
XXX BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

HOOD DETAILS

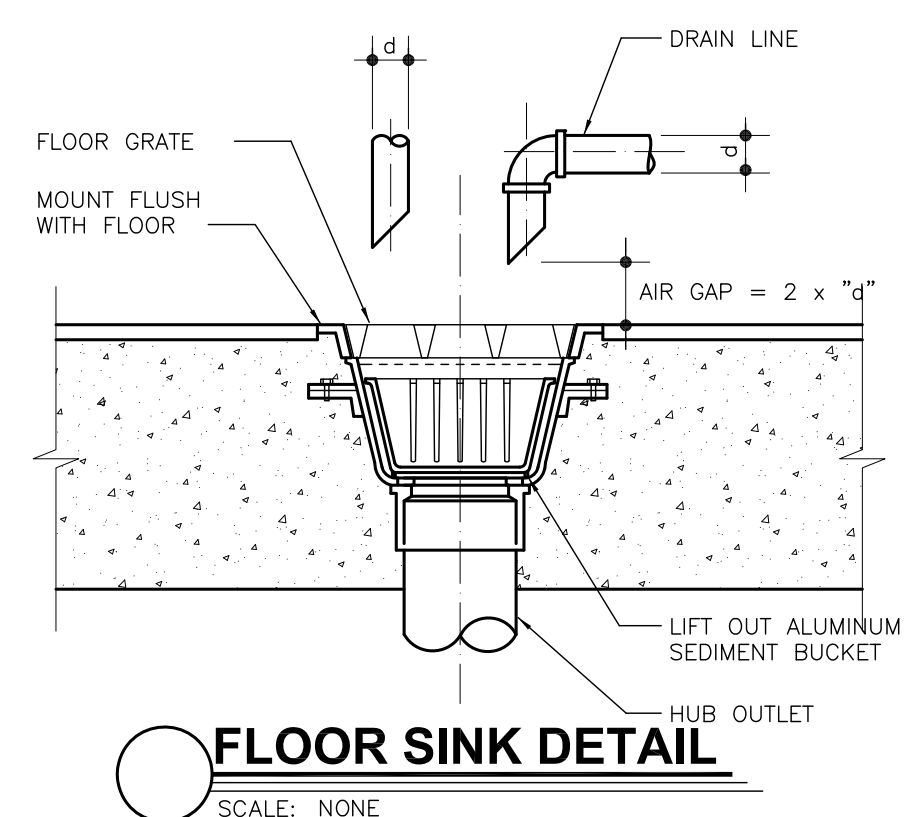
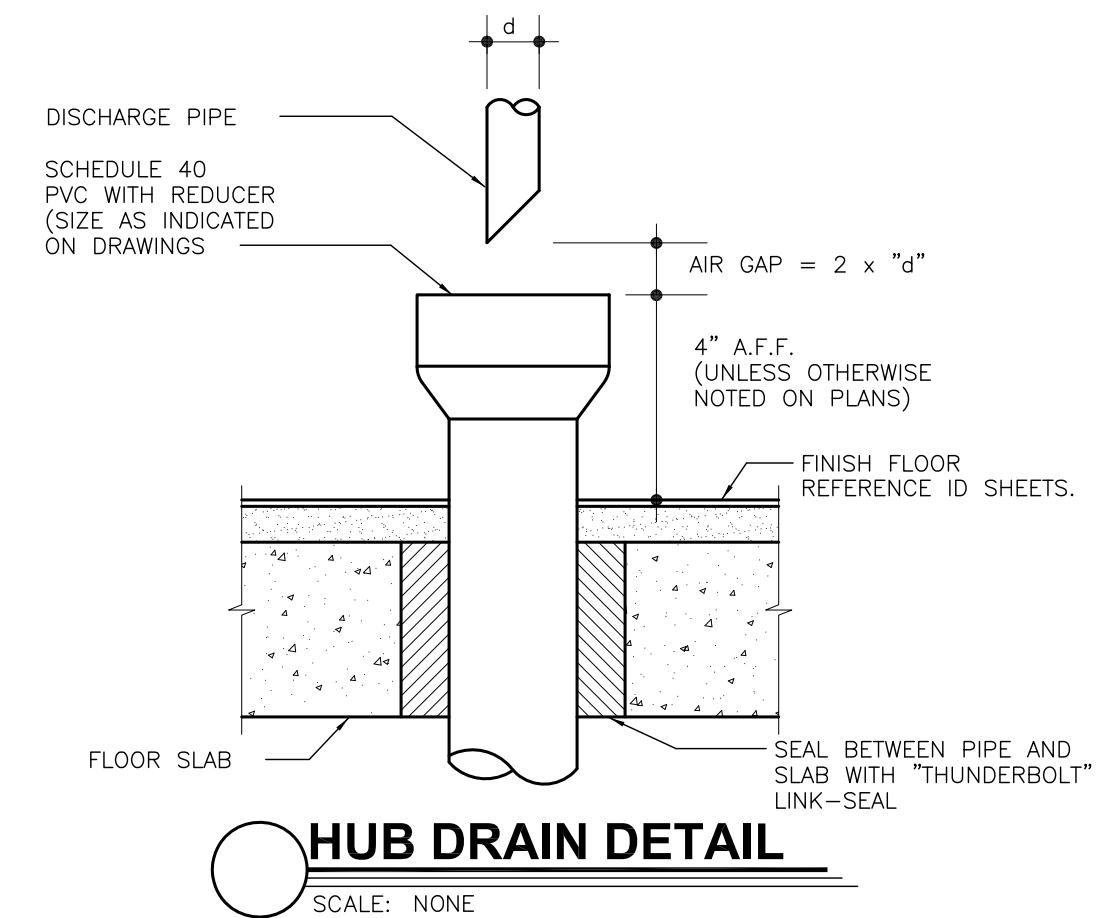
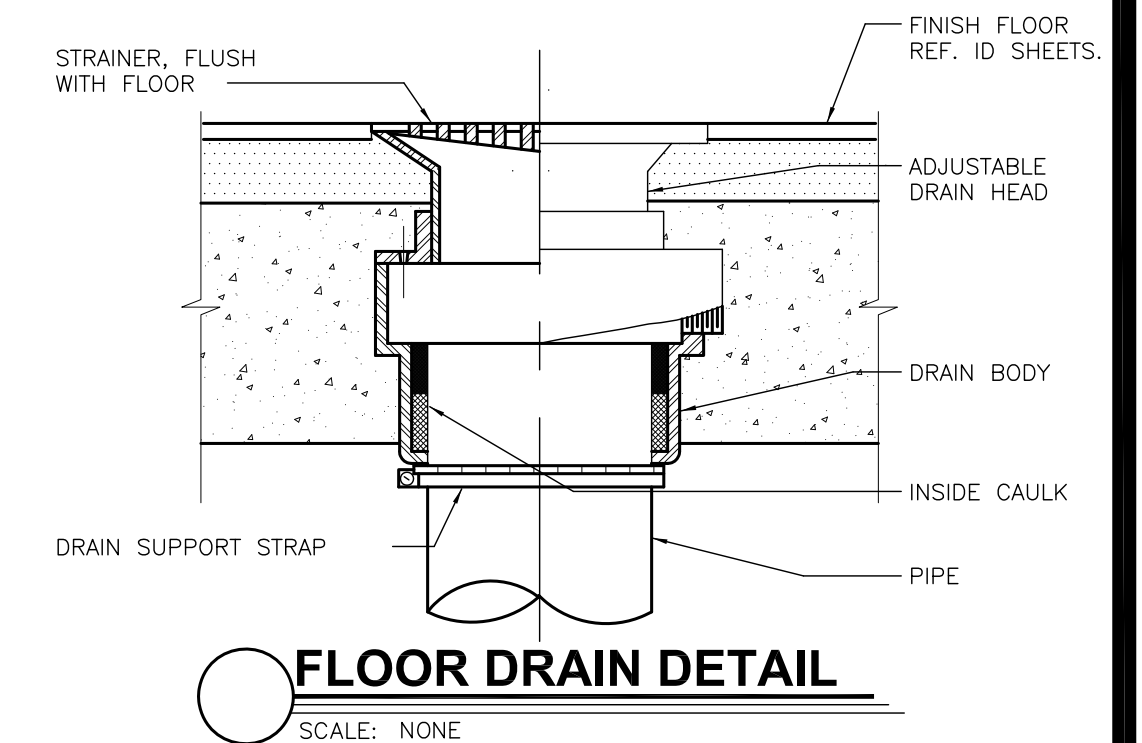
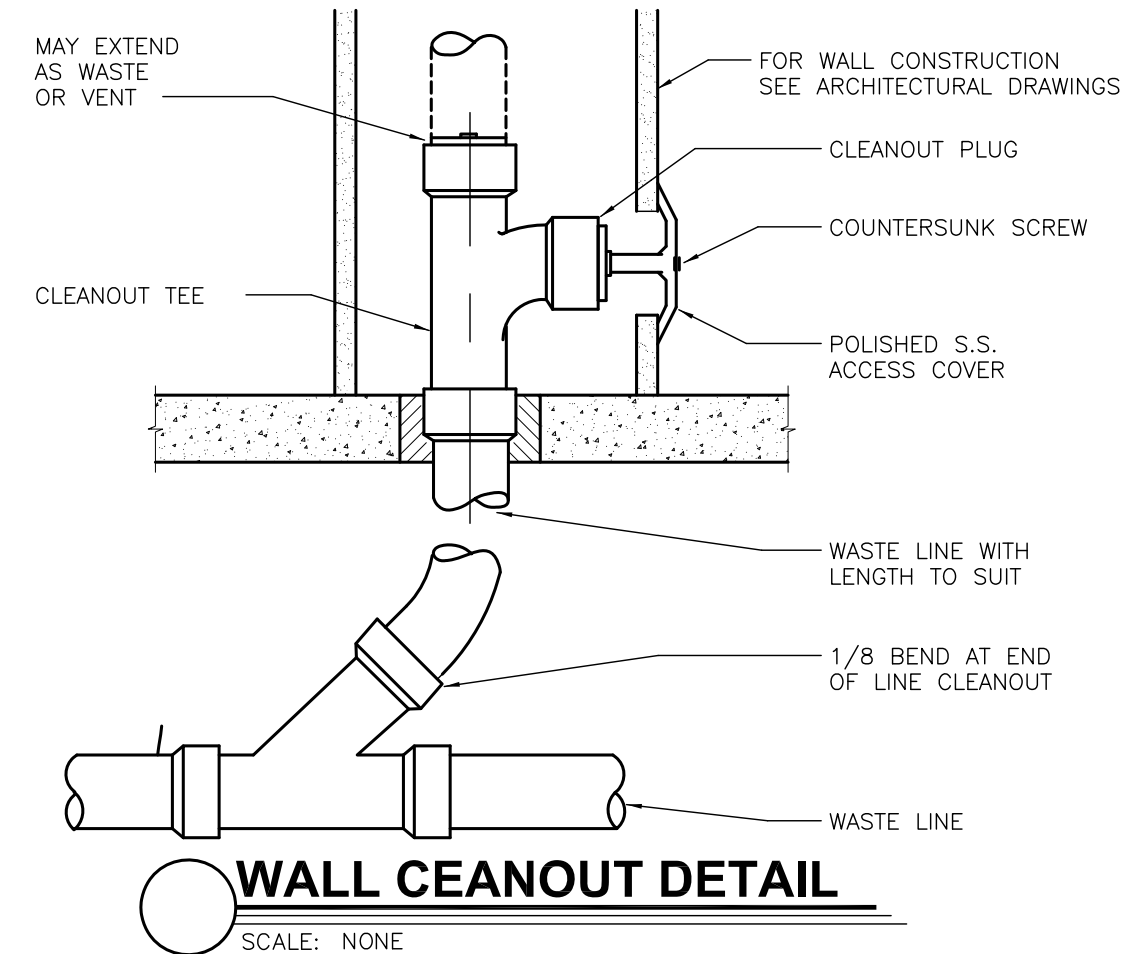
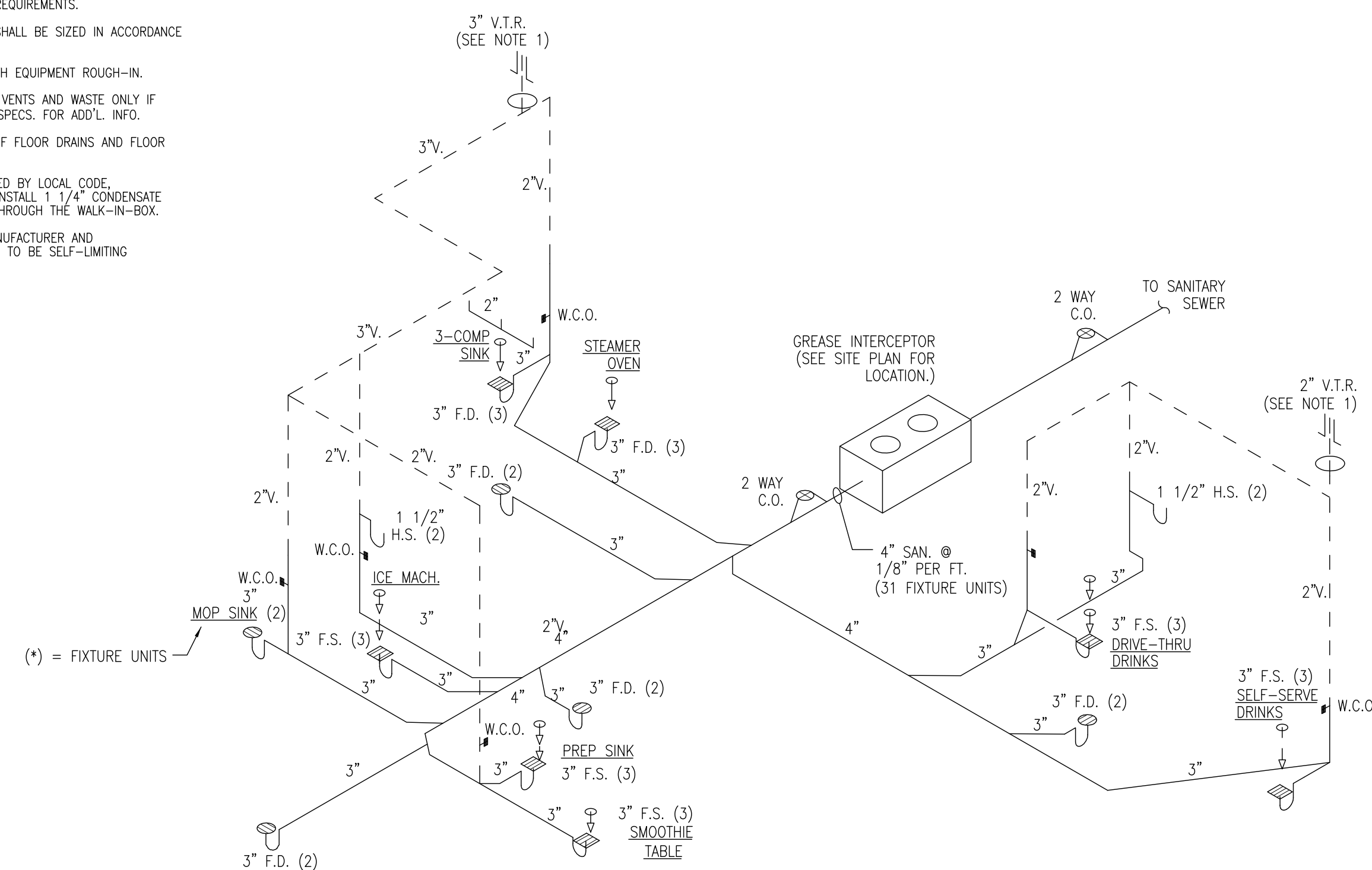
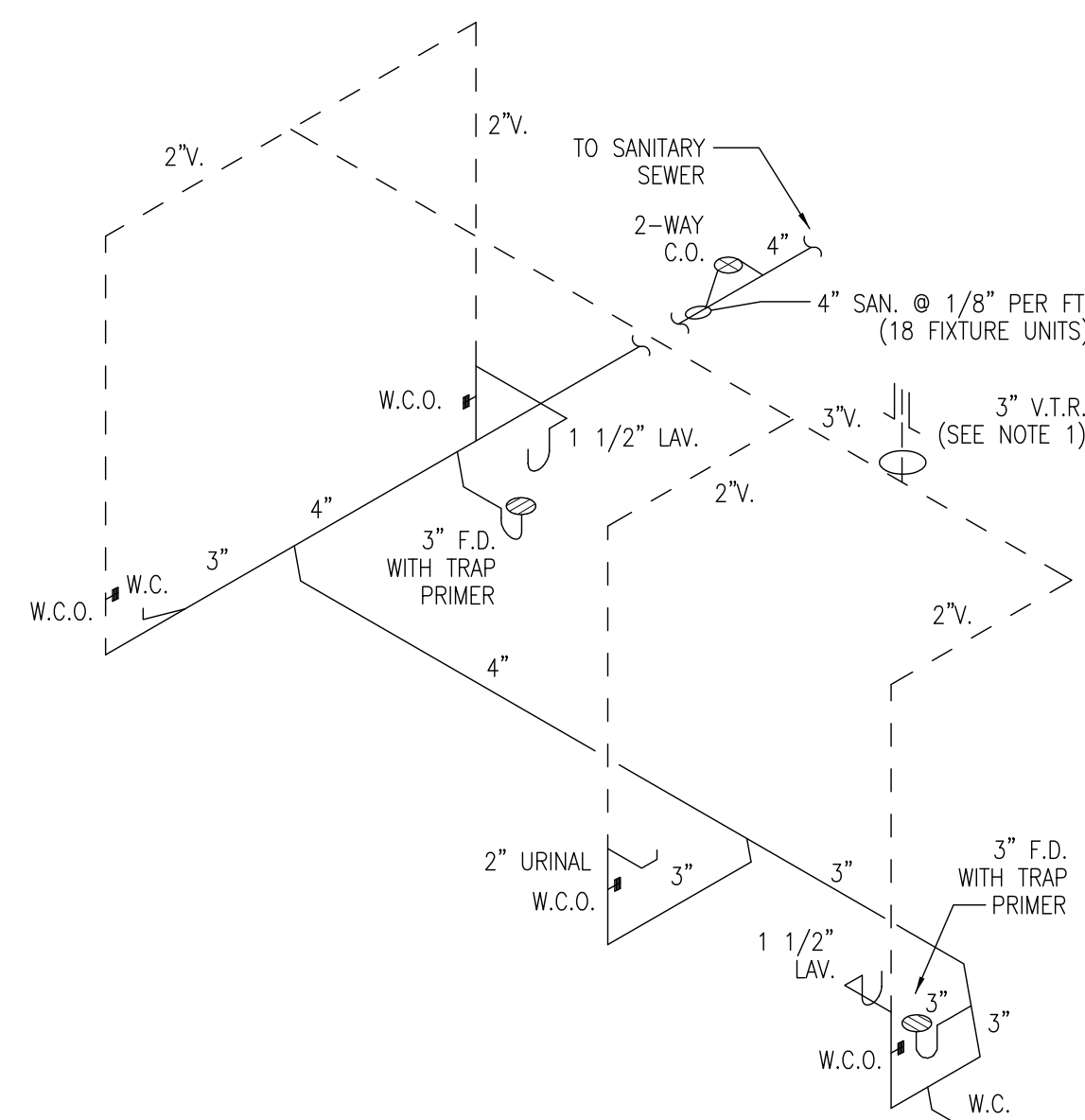
**M7**



**SANITARY AND GREASY WASTE PLAN**  
 SCALE: 1/4" = 1'-0"

**NOTES:**

- PLUMBING CONTR. TO COORDINATE VENT STACKS WITH OUTSIDE AIR INTAKES OF A/C UNITS AND SUPPLY FANS & MAINTAIN AT LEAST 1'-0" MIN. CLEARANCE OR AS PER LOCAL CODE REQUIREMENTS. FLAT VENTS ARE NOT ALLOWED.
- INCREASE V.T.R.'S TO SIZE REQUIRED BY LOCAL CODES AND CONDITIONS AS REQUIRED FOR FROST ENCLOSURE. FLAT VENTS ARE NOT ALLOWED.
- RUN SYRUP LINES FROM SODA FACTORY TO DRINK DISPENSER ABOVE CEILING.
- CAST IRON PIPE MAY BE USED UNDER SLAB IN LIEU OF PVC ONLY IF REQUIRED BY CODE.
- PROVIDE CONDENSATE LINES FROM A/C UNITS ABOVE CEILING ACCORDING TO LOCAL CODE REQUIREMENTS.
- RESEAL FLOOR DRAINS ACCORDING TO LOCAL REQUIREMENTS.
- SAFEWASTE PIPING ABOVE AND ALONG FLOOR SHALL BE SIZED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
- COORDINATE SAFEWASTE LINE CONNECTIONS WITH EQUIPMENT ROUGH-IN.
- P.V.C. (SCHEDULE 40) PIPE CAN BE USED FOR VENTS AND WASTE ONLY IF APPROVED BY LOCAL BUILDING CODES. SEE SPECS FOR ADD'L. INFO.
- SEE FOUNDATION PLAN FOR EXACT LOCATION OF FLOOR DRAINS AND FLOOR SINKS.
- IF WALK-IN-BOX CONDENSATE LINE IS REQUIRED BY LOCAL CODE, PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL 1 1/4" CONDENSATE LINE, AND SEAL AROUND ALL PENETRATIONS THROUGH THE WALK-IN-BOX.
- HEAT TAPE IS PROVIDED BY WALK-IN-BOX MANUFACTURER AND INSTALLED BY ELECTRICAL CONTRACTOR. IT IS TO BE SELF-LIMITING TYPE, "FROSTEX" OR EQUAL.

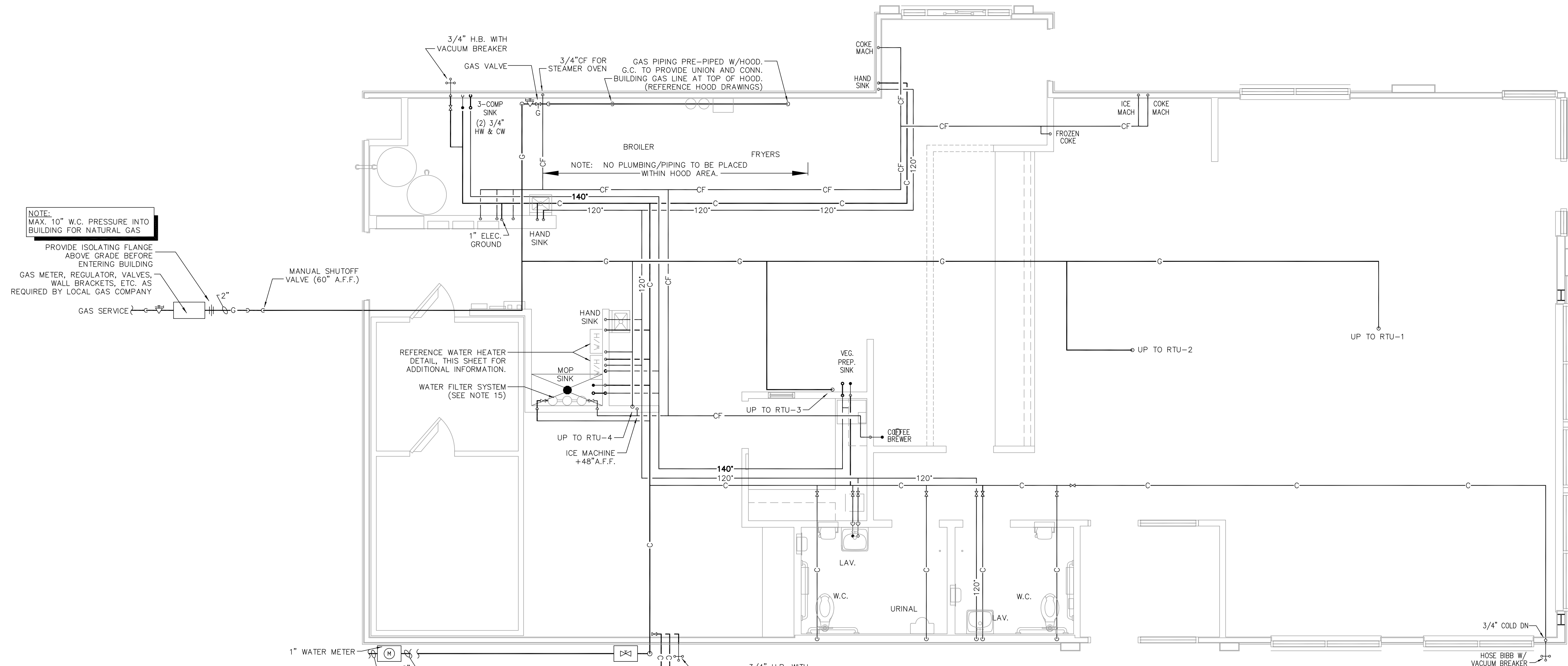


FRANCHISEE:  
 GPS HOSPITALITY  
 2100 RIVEREDGE PARKWAY  
 SUITE 850  
 ATLANTA, GA 30328  
 PHONE: 770-738-8798

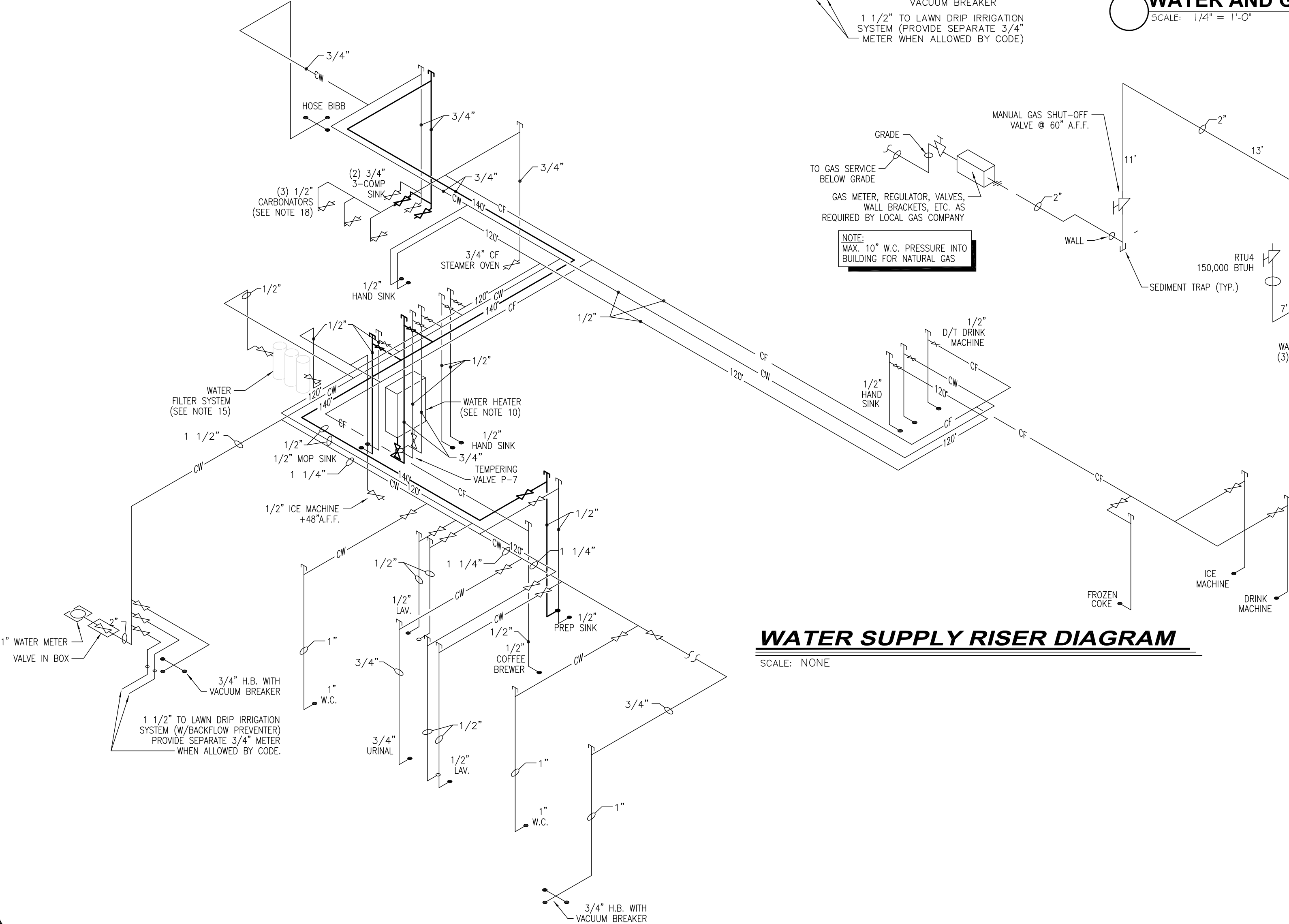
**CURRAN ARCHITECTURE**  
 5719 LAWTON LOOP E. DR. #212  
 INDIANAPOLIS, IN 46216  
 O :: 317.288.0681  
 F :: 317.288.0753



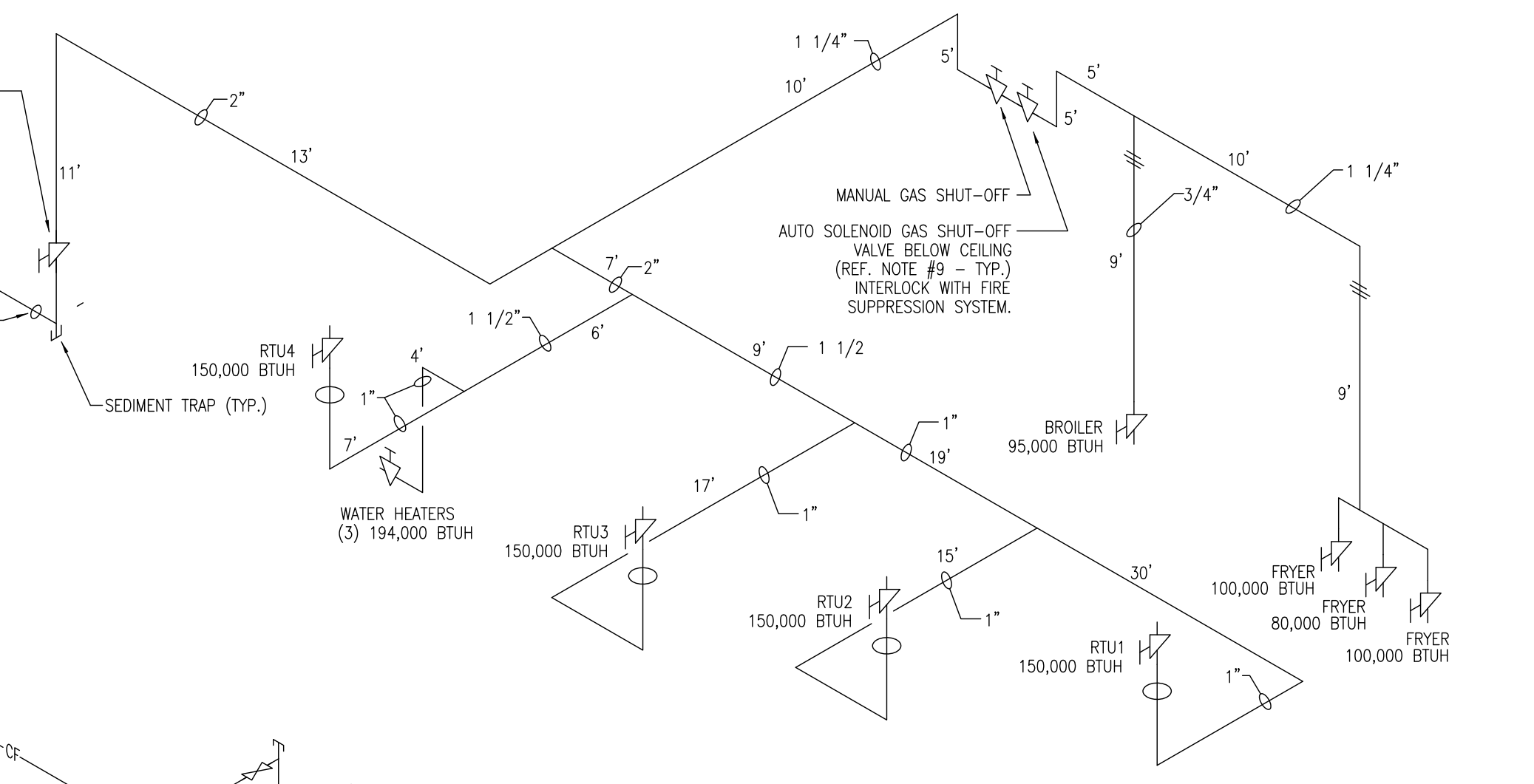
PROJECT #: 180004  
**BURGER KING RESTAURANT**  
 771 BUCHANAN TRAIL EAST  
 GREENCASTLE, PA 17225  
 SANITARY AND GREASY WASTE PLAN & RISER



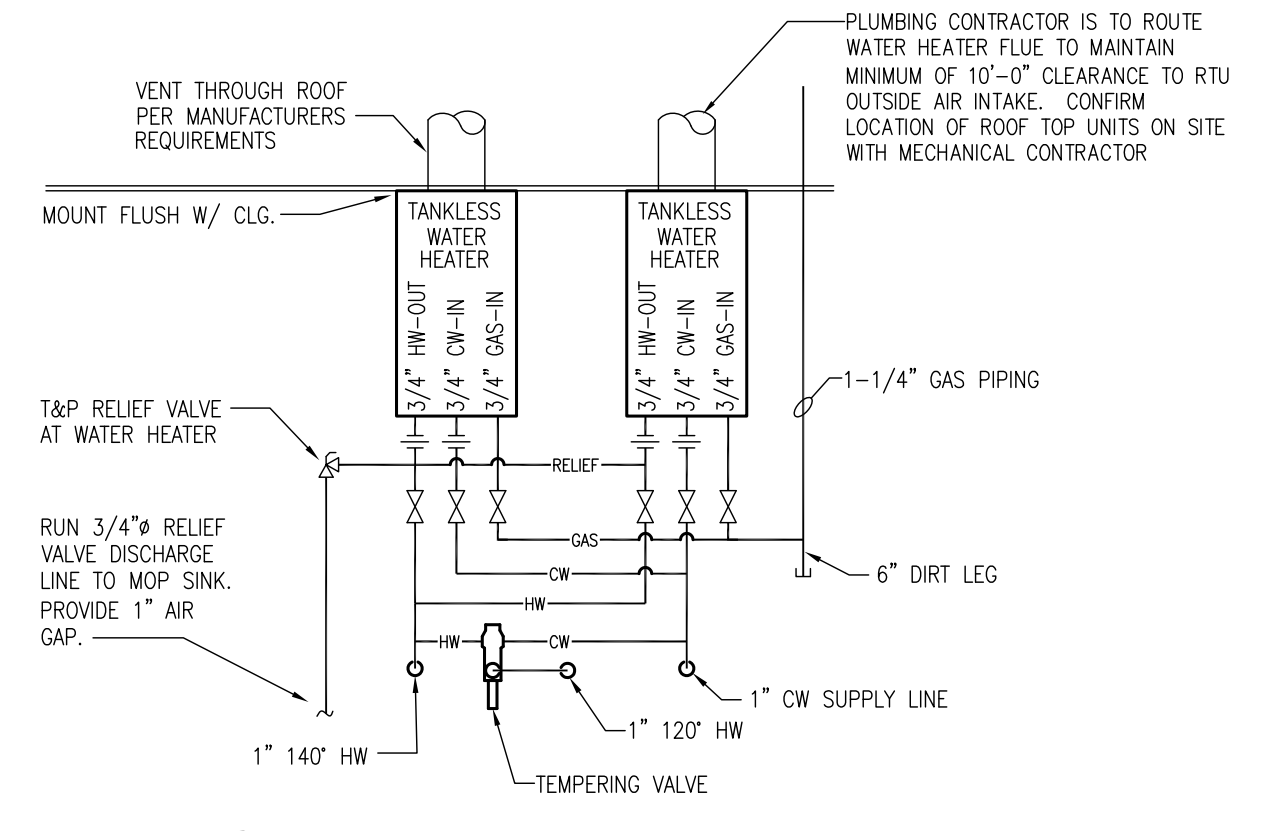
**WATER AND GAS PLAN**  
SCALE: 1/4" = 1'-0"



**WATER SUPPLY RISER DIAGRAM**  
SCALE: NONE



**GAS SUPPLY RISER DIAGRAM**  
SCALE: NONE  
TOTAL LOAD = 1,557,000 BTUH  
TOTAL LENGTH TO FURTHEST APPLIANCE = 90'



**WATER HEATER DETAIL**  
SCALE: NONE

PROJECT # 180004

DATE 03-21-2018

NO. 03.21.2018

ISSUED FOR CONSTRUCTION

REVISION

CHECKED BY: SMC

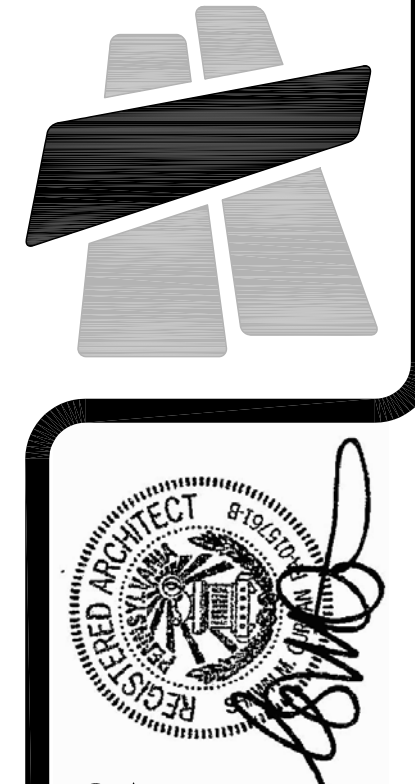
DRAWN BY: DWK

**BURGER KING**

FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVERDEE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

**CURRAN ARCHITECTURE**

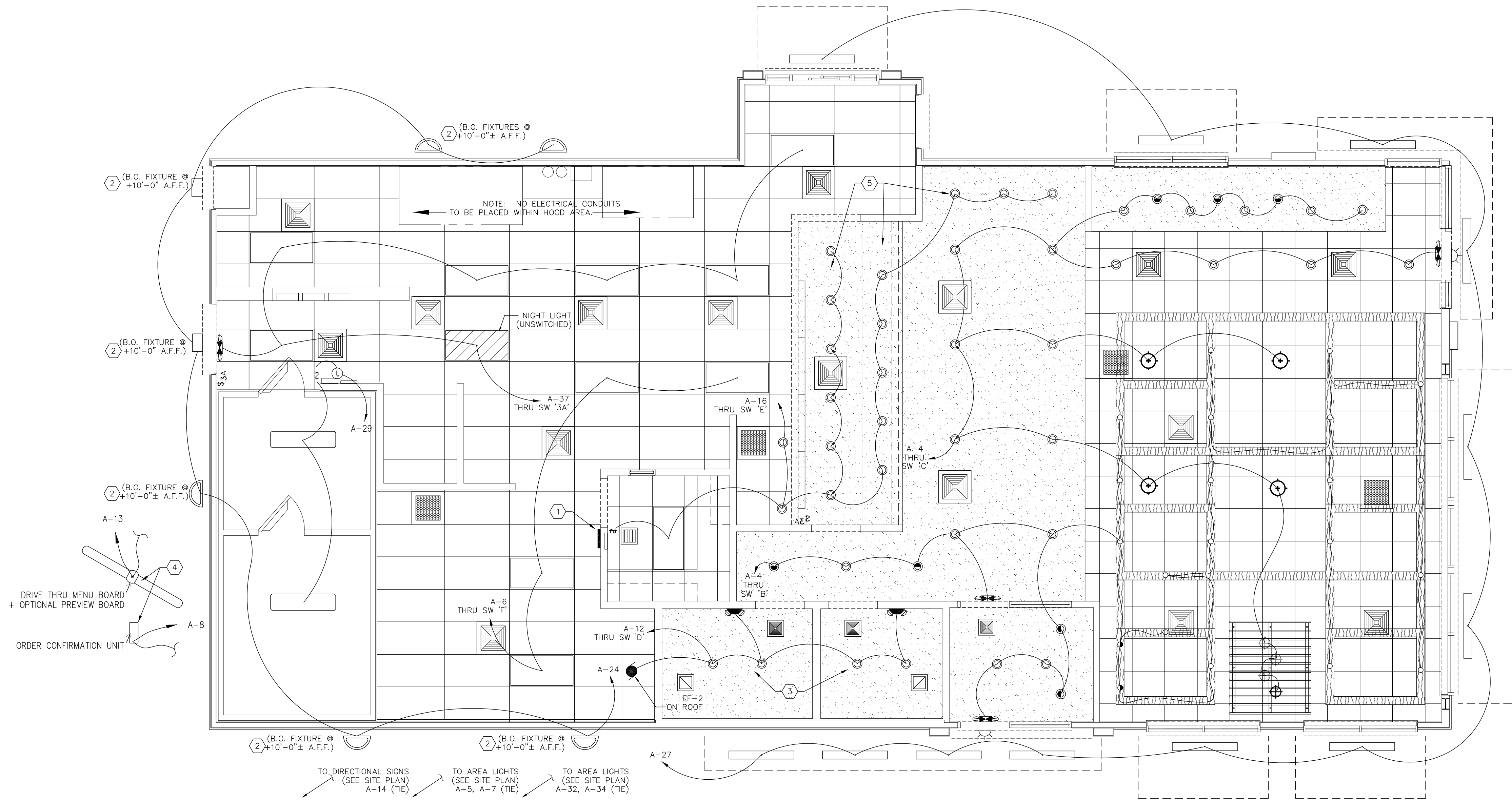
5719 LAWTON LOOP, DR. #212  
INDIANAPOLIS, IN 46216  
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F :: 317.288.0753



**BURGER KING RESTAURANT**

771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

WATER & GAS PLAN AND RISERS



**ELECTRICAL CEILING PLAN**

SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

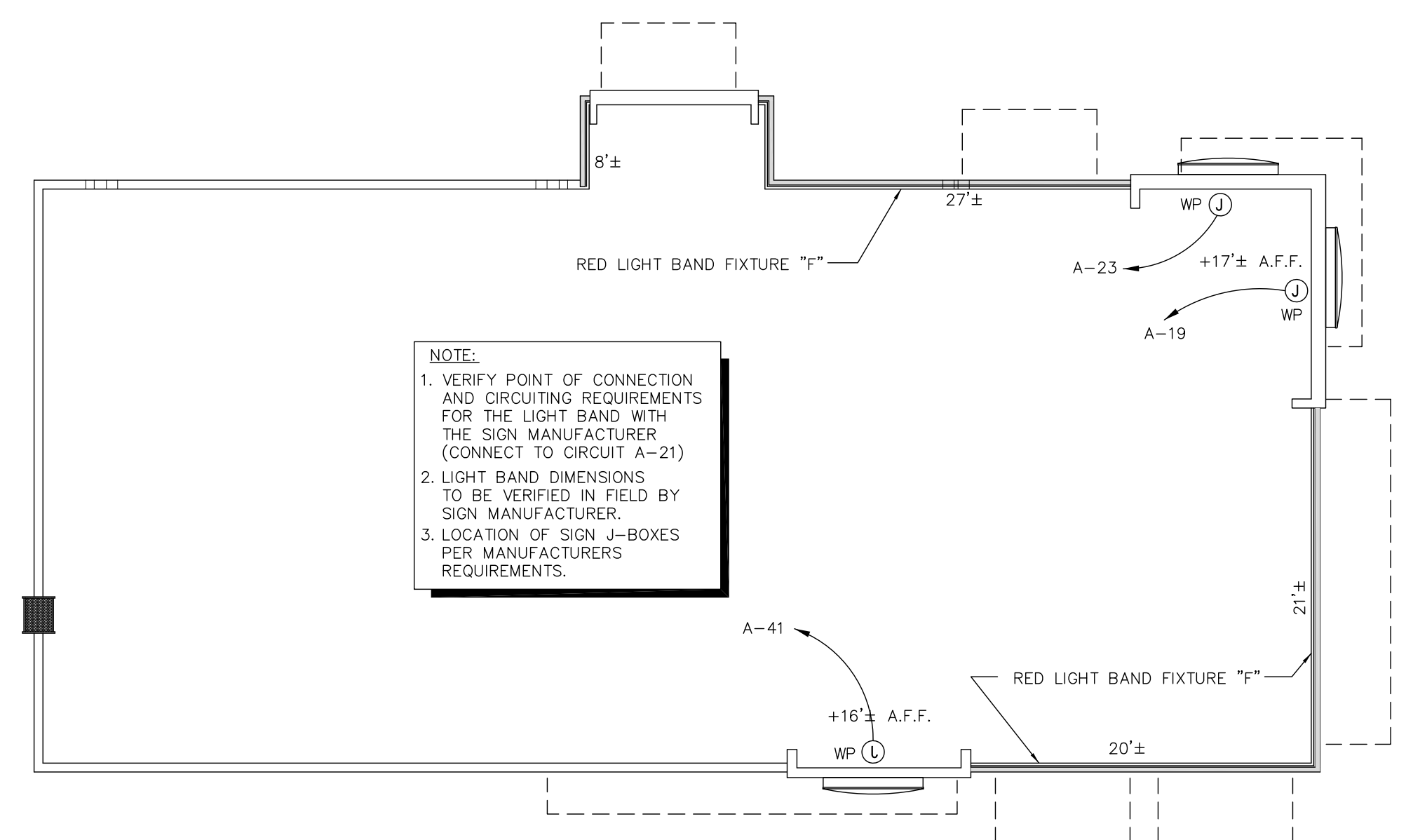
- A. REFER TO SHEET E-1.1 FOR LIGHT FIXTURE SPECIFICATIONS
- B. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION AND MOUNTING HEIGHTS OF LIGHT FIXTURES. COORDINATE FIXTURE LOCATIONS WITH DECOR DRAWINGS.
- C. ALL WORK AND MATERIALS SHALL BE BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
- D. MC CABLE ONLY PERMITTED FOR LIGHT WHIPS. ALL OTHER TO BE E.M.T CONDUIT IN CEILING AND WALLS - RIGID CONDUIT UNDER SLAB.
- E. PROVIDE JUNCTION BOXES AT LIGHT FIXTURES PER MANUFACTURERS REQUIREMENTS. (TYPICAL FOR ALL LIGHTING FIXTURES)
- F. WHERE TRUSSES ARE EXPOSED, RUN ALL ELECTRICAL CONDUITS ABOVE THE BOTTOM CHORD OF THE TRUSS.

**LIGHTING FIXTURE NOTES**

1. ALL LIGHTING FIXTURES SHALL BE 120 VOLT UNLESS NOTED OTHERWISE.
2. ALL ENCLOSED FLUORESCENT LIGHTING FIXTURES SHALL BE PROVIDED WITH BULBS SPECIFIED BY THE MANUFACTURER
3. CONTRACTOR SHALL FURNISH AND INSTALL IN-LINE FUSE HOLDER AND FUSES IN ALL BALLASTED LIGHTING FIXTURES.
4. CONTRACTOR SHALL CHECK AND VERIFY FIXTURE QUANTITY AND MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN SHOWN DUE TO ADDITIONAL REQUIREMENTS SUCH AS VESTIBULES, LOCAL CODES, ETC.
5. SEE SITE LIGHTING DRAWING FOR AREA LIGHTING POLES SPECIFICATIONS AND DETAILS
6. BALLASTS FOR FLUORESCENT FIXTURES SHALL BE TYPE 'P' WITH MINIMUM POWER FACTOR OF 90%. BALLASTS FOR SOFFIT LIGHTING SHALL BE RATED 50' FOR ZONE 'E', 0' FOR ZONES 'B', 'C', AND 'D', AND -20' FOR ZONE 'A'. ZONE 'A' LAMPS TO BE H/O.
7. WHENEVER APPLICABLE, THE INCANDESCENT LIGHTING FIXTURES SHALL BE FURNISHED WITH ENERGY EFFICIENT INCANDESCENT LAMPS.

**KEYED NOTES:**

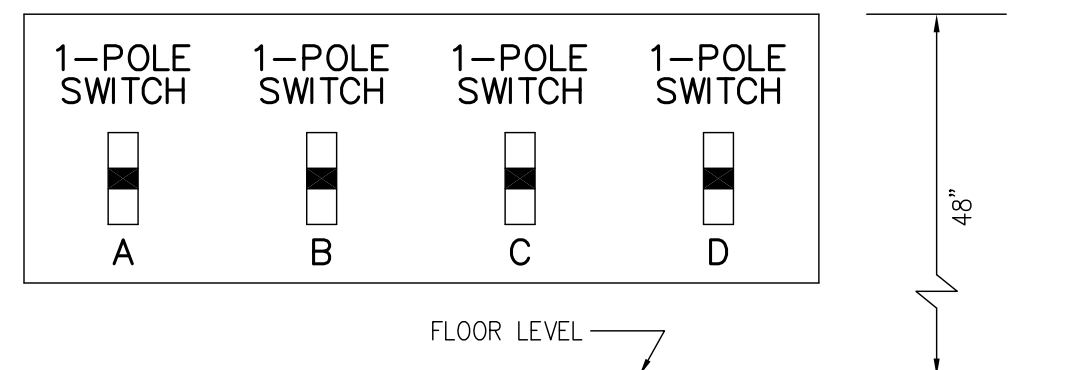
1. SWITCH BANK: REFERENCE DETAIL #1, THIS SHEET.
2. WIRE WALL PACK THROUGH PHOTO CELL. ELECTRICAL CONTRACTOR TO PROVIDE "PARAGON" PHOTOCELL CW 201-00 MOUNTED ON ROOF FACING NORTH. MAKE ADJUSTMENTS FOR ANY AMBIENT LIGHT.
3. PROVIDE HARDWARE FOR INSTALLATION IN GYPSUM BOARD CEILINGS.
4. ELECTRICAL CONTRACTOR TO COORDINATE WITH THE DRIVE THROUGH SIGN SUPPLIER FOR EXACT ELECTRICAL REQUIREMENTS.
5. ALL LIGHT FIXTURES OVER FOOD SERVICE AREA TO BE PROVIDED WITH LENS.



**ROOF LEVEL ELECTRICAL PLAN**

SCALE: 1/8" = 1'-0"

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
<b>SWITCHES</b>	
	TOGGLE SWITCH - SINGLE POLE
	TOGGLE SWITCH - THREE POLE



**1 SWITCH BANK DETAIL**

SCALE: NONE

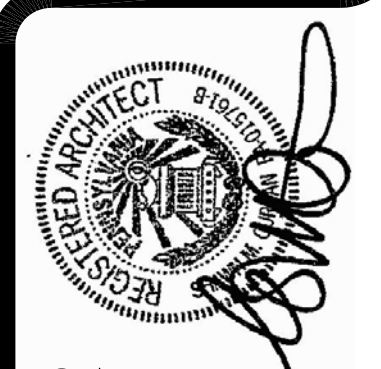
NOTE: NUMBER OF SWITCHES REQUIRED MAY VARY BASED ON LIGHTING CONFIGURATION - VERIFY REQUIREMENTS.

PROJECT #	180004
DATE	03.21.2018
NO.	1
ISSUED FOR CONSTRUCTION	
CHECKED BY: SMC	
DATE	03-21-2018
REVISION	
ISSUED FOR CONSTRUCTION	



FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVEREDGE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

**CURRAN ARCHITECTURE**  
5719 LAWTON LOOP E. DR. #212  
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PROJECT # 180004  
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
LIGHTING PLAN



DATE: 02/11/2016

## EXTERIOR LIGHT FIXTURE SCHEDULE

LED OPTIONS						
	TYPE	MANUFACTURER	CATALOG NO.	WATTAGE	COLOR TEMP.	REMARKS
ALL REMODELS & NEW CONSTRUCTION EXTERIOR	J (OPTIONAL)	SECURITY	SLED-LED-48-DO-120-BL-ADJ	50	5200 K	4' LINEAR LED DESCRIPTION: GOOSE NECK EXTERIOR FIXTURE MARKED FOR WET LOCATION ***TO BE MOUNTED ON 12" ARM
		CREE (RUUD)-HERMITAGE	LFL-A-4-DO-UL-BK-53K	35	5300 K	
	K (NEW CONSTRUCTION)	LSI	XSL2-S-LED-50-CW-120-WHT-CMT	86	5000 K	RECESSED SOFFIT LIGHT
		SECURITY	851/852-LED-60-U-W	30	5000 K	
	K (REMODELS)	LSI	XSL2-S-LED-50-CW-120-WHT-CMT (RETROFIT)	86	5000 K	RECESSED SOFFIT LIGHT
		SECURITY	851/852-LED-60-U-W (RETROFIT)	30	5000 K	
	L	LSI	XPWS3-FT-LED-48-450-CW-UE-MSV	72	5000 K	
		SECURITY	RWSC-30LED-WD-PS-MT (DOWN ONLY)	30	5000 K	
		SECURITY	RWSC-30LED-UD-PS-MT (UP / DOWN)	30	5000 K	
		CREE (RUUD)-HERMITAGE	RS-30WLED-DO-SV-120 (DOWN ONLY)	30	5300 K	
		CREE (RUUD)-HERMITAGE	RS-42WLED-UD-SV-120 (UP / DOWN)	42	5300 K	
	M	KONTECHUSA	KON-WS-40-XX (DOWN ONLY)	40	5000 K	TO BE USED AT AWNINGS ONLY
		KONTECHUSA	KON-WS-60-XX (UP / DOWN)	60	5000 K	
	N	KONTECHUSA	KON-DVP-182-14-JY	36	4500 K	
		LSI	SWM-2-LED-CW-UE-GBZ	42	5000 K	
		SECURITY	WGH-1LU-M	41	5000 K	
	O	CREE (RUUD)-HERMITAGE	E.WP1X031Z7	27	4000 K	1. CONTINUOUS ARCHON TOWER LIGHTING 2. DOWNLIGHT 3. TO BE PLACED AT TOP OF ARCHON TOWER
		SECURITY	HIRAF-LED(96,72,48,36,24)-DO-120-BL (20/20 LIGHT)	8.5/FT.		
SECURITY		HIRAF-LED(96,72,48,36,24)-DO-120-PS (GARDEN GRILL)	8.5/FT.			
P	CREE (RUUD)-HERMITAGE	LFL-A-(3,4,6,8)-DO-UL-BK-53K (20/20 LIGHT)	3'-26 4'-35	5300 K	1. ARCHON TOWER LIGHTING 2. UPLIGHT 3. TO BE PLACED ABOVE ARCHON TOWER CANOPY	
	CREE (RUUD)-HERMITAGE	LFL-A-(3,4,6,8)-DO-UL-CS-53K (GARDEN GRILL)	6'-52 8'-70	5300 K		
	SECURITY	SL-LED(48,36)-DO-120-BL (20/20 LIGHT)	50	5200 K		
	SECURITY	SL-LED(48,36)-DO-120-PS (GARDEN GRILL)	50	5200 K		
	CREE (RUUD)-HERMITAGE	LFL-A-(3,4)-UD-UL-BK-53K (20/20 LIGHT)	3'-18	5300 K		
	CREE (RUUD)-HERMITAGE	LFL-A-(3,4)-UD-UL-CS-53K (GARDEN GRILL)	4'-23	5300 K		

### CONTACT INFORMATION

SECURITY LIGHTING

ERIC HILLESLAND  
630-636-8493

LSI

RON LARIMORE  
800-436-7800 x-3375

LUMENS

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CREE / HERMITAGE

STEVE FRIEDMAN  
262-504-5479

WYATT CULVER  
615-843-3379

TREND LIGHTING

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626-506-6973

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866-236-8701

JIM MILES jim@floridaelectronic.net  
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727-919-1816

### NOTES

- NOT ALL LIGHT FIXTURE TYPES SHOWN ON SCHEDULE MAY BE USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR PROJECT SPECIFIC TYPES AND QUANTITIES.
- PENDANT FIXTURES "B2" MUST BE CENTERED OVER TABLE TOPS. COORDINATE WITH DECOR DRAWINGS.
- EXCEPT FOR DROPPED CEILING OPTION, ALL LIGHT FIXTURES IN DINING ROOM AREA AND RESTROOM CORRIDOR ARE TO BE SUPPORTED FROM EXPOSED ROOF TRUSSES.
- CONTRACTOR TO NOTIFY LIGHTING SUPPLIER OF THE FOLLOWING: FIXTURE TYPES 'C' AND 'D' WILL BE REQUIRED TO BE LENS AT THE LOCATIONS OVER THE SERVICE AREA AND OVER THE SELF-SERVE DRINK AREA. FIXTURE TYPE 'G2' WILL REQUIRE A LENS OR TUBE GUARD AT THOSE LOCATIONS.

## INTERIOR LIGHT FIXTURE SCHEDULE

	<b>A</b>	<ul style="list-style-type: none"> <li>Nautical Furnishings, LLC #BK-GG-A custom pendant light, faux cast aluminum finish.</li> </ul>	supplier: Nautical Furnishings, LLC Michael Hoglund phone: 954.771.1100 mhoglund@nauticalfurnishings.com
	<b>B</b>	<ul style="list-style-type: none"> <li>Nautical Furnishings, LLC #BK-GG-B custom pendant light, antique bronze finish.</li> </ul>	
	<b>C</b>	<ul style="list-style-type: none"> <li>Juno Lighting Group, #BK-GG-C 6" retrofit baffle trim, recessed downlight, LED 3000K, white finish</li> <li>Cree Lighting, #CR6-800L-35K-120V-GU24-CT6AW-RC6-12W-GU24 6" recessed downlight, 3500K, white finish</li> </ul>	supplier: Hermitage Lighting Wyatt Culver phone: 615.843.3379 cell: 615.714.6862 wyattc@hlg.co
	<b>D</b>	<ul style="list-style-type: none"> <li>Juno Lighting Group, #BK-GG-D IC LED 6" retrofit recessed eyeball trim, adjustable wall wash, 2700K, white finish</li> <li>Cree Lighting, #LE6-GU24-RC-12W-GU24 6" adjustable wall wash LED down light, 2700K, white finish</li> </ul>	or Cree Lighting Group Steve Friedman cell: 847.830.1444 steve.friedman@cree.com
	<b>E</b>	<ul style="list-style-type: none"> <li>Juno Lighting Group, #BK-GG-E4' track with two lights, #BK-GG-E8' track with four lights bronze finish. R600L3KNBZ</li> </ul>	
	<b>F</b>	<ul style="list-style-type: none"> <li>Cree Lighting, #SCG-CM-BL-GU24-CR6-800L-30K-120V-GU24CTGA</li> </ul>	supplier: Cree Lighting Group Steve Friedman cell: 847.830.1444 steve.friedman@cree.com
	<b>F</b>	<ul style="list-style-type: none"> <li>Fluxwerx, # BK-GG-F Profile 100 DN LED light, 16' or 12' or 8' aluminum finish</li> </ul>	Sesco Lighting Jason Boehm phone: 305.299.2288 jboehm@sescocolighting.com
	<b>G&amp;G1</b>	<ul style="list-style-type: none"> <li>Juno Lighting Group, # BK-GG-G 2" LED round down light, satin nickel finish</li> <li>Juno Lighting Group, # BK-GG-G1 2" LED wall wash light, satin nickel finish</li> </ul>	supplier: Hermitage Lighting Wyatt Culver phone: 615.843.3379 cell: 615.714.6862 wyattc@hlg.co

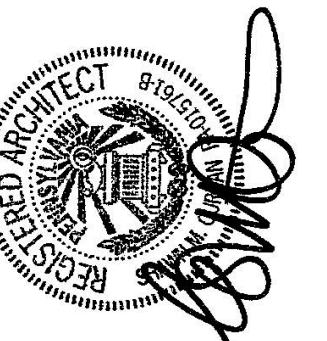
R	LSI	PEC14-LED-HO-RAD-WW-UE	34	3500 K	TO BE USED IN RESTROOMS
	SECURITY	LLT1430LWGFSA12FE-C388		3000 K	
	CREE (RUUD)-HERMITAGE	ZR14-40L-35K-10V	44	3500 K	
S	LSI	GA24-LED-HO-NW-UE-P12	57	4000 K	1. TO BE USED IN KITCHEN 2. 2x4 RECESSED LED
	SECURITY	LJT24-40MLG-FSA12-EU-C388	40.8	4000 K	
	CREE (RUUD)-HERMITAGE	CR24-40L-40K-S	40	4000 K	
H	LSI	PEC22-LED-HO-RAD-WW-UE	45	3500 K	2x2 RECESSED LED
	SECURITY				
	CREE (RUUD)-HERMITAGE	ZR22-32L-35K-10V	35	3500 K	
EM	LSI	LTEM-WH	(2)	1 LED	EMERGENCY LIGHT
	SECURITY				
	CREE (RUUD)-HERMITAGE	EM22RWH	11		
EMX	LSI	LPRX-R-U-WH-LD11-R	(2)	1.1 LED	EXIT/EMERGENCY LIGHT
	SECURITY	CCRR			
	CREE (RUUD)-HERMITAGE	EXDMBRWH	11		
EXT	LSI	XPWS3-FT-LED-48-450-CW-UE-MSV-BB	72		EMERGENCY EXIT DISCHARGE LIGHT TO HAVE INTERNAL 90 MINUTE BATTERY BACKUP SYSTEM

PROJECT #	180004
DATE	03-21-2018
CHECKED BY	SMC
REVISION	
ISSUED FOR	CONSTRUCTION



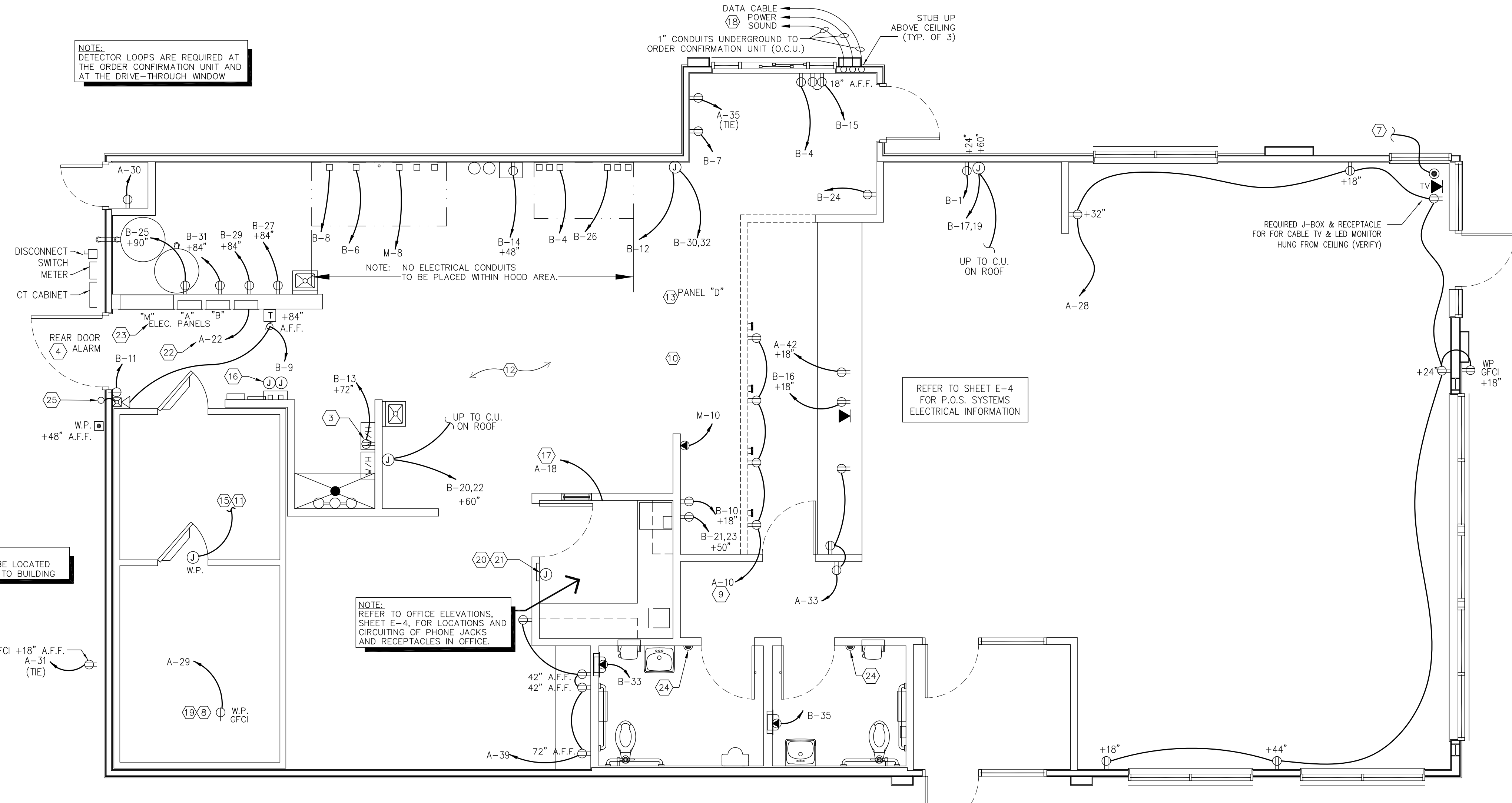
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**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225  
LIGHTING SCHEDULE

NOTE: DETECTOR LOOPS ARE REQUIRED AT THE ORDER CONFIRMATION UNIT AND AT THE DRIVE-THROUGH WINDOW



SYMBOL LEGEND	
DETAIL	DESCRIPTION
Ⓢ	TOGGLE SWITCH - SINGLE POLE HUBBELL #1221-1
Ⓢ	PUSHBUTTON SWITCH
Ⓢ	SINGLE RECEPTACLE HUBBELL #5361-1
Ⓢ	DUPLEX RECEPTACLE HUBBELL #5362-1
Ⓢ	208V RECEPTACLE HUBBELL 208V, 1ϕ - #5352-1 208V, 3ϕ - #8420
Ⓢ	TELEPHONE OUTLET WITH BUSHED HOLE COVERPLATE
Ⓢ	JUNCTION OR GANG BOX
Ⓢ	CABLE TELEVISION OUTLET
Ⓢ	Buzzer / Bell
Ⓢ	REAR DOOR ALARM
Ⓢ	TRANSFORMER

ABBREVIATIONS	
A-3	CONDUIT RUN WITH ARROW DENOTING HOMERUN. SUBSCRIPT INDICATES PANEL AND CIRCUIT NO. GROUND CONDUCTOR REQUIRED IN ALL CONDUITS BUT NOT INDICATED.
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
W.P.	WEATHERPROOF
A.F.F.	ABOVE FINISHED FLOOR
I.G.	ISOLATED GROUND

**KEYED NOTES - PLAN:**

- FRYER HOOD: PRE-WIRED (WITH RECEPTACLES BY HOOD MANUFACTURER. ELECTRICAL CONTRACTOR TO MAKE CONNECTION AT JUNCTION BOX AT THE TOP OF THE HOOD.
- BROILER HOOD: PRE-WIRED (WITH DUPLEX RECEPTACLES) BY HOOD MANUFACTURER. ELECTRICAL CONTRACTOR TO MAKE CONNECTION AT JUNCTION BOX AT THE TOP OF THE HOOD. ELECTRICAL CONTRACTOR TO PROVIDE RECEPTACLE AND COVER PLATE FOR THE OVEN AND BROILER BASED ON EQUIPMENT SELECTED.
- ELECTRICAL CONTRACTOR TO RUN CONDUITS AND WIRE THROUGH THE EQUIPMENT CHASE AND CONNECT TO CIRCUITS PROVIDED IN THE JUNCTION BOX BY EQUIPMENT MANUFACTURER.
- VERIFY POWER REQUIREMENTS FOR SELECTED WATER HEATER.
- REAR DOOR ALARM: "MONITOR 4000" BY SECURITY PRODUCTS, INC. OR APPROVED EQUAL. MOUNT SIMPLEX RECEPTACLE FOR POWER SUPPLY 6" ABOVE CEILING.
- PERMANENTLY CONNECTED KITCHEN EQUIPMENT NOT SUPPLIED WITH ON/OFF UNIT SWITCH (WHICH IS PART OF THE APPLIANCE) TO SERVE AS A DISCONNECTING MEANS. UNIT SHALL BE SUPPLIED WITH A DISCONNECT AS PER N.E.C., FURNISHED BY THE ELECTRICAL CONTRACTOR.
- G.C. TO VERIFY ELECTRICAL REQUIREMENTS FOR FIRE SUPPRESSION SYSTEM AND AUTO-SELEND GAS SHUT-OFF VALVE.
- RUN 2" CONDUIT TO MANAGERS OFFICE FOR CABLE TV.
- HEAT TAPE IS PROVIDED BY THE WALK-IN BOX MANUFACTURER AND INSTALLED BY THE ELECTRICAL CONTRACTOR. CONTRACTOR SHALL COORDINATE INSTALLATION AND SUPPLY 120V CIRCUIT AND RECEPTACLE AS DIRECTED BY BOX MANUFACTURER.
- DIGITAL MENU BOARDS (VERIFY 3 OR 4 BOARD INSTALLATION). PROVIDE (1) DUPLEX RECEPTACLE FOR 120V CIRCUIT AND (1) P-RING FOR DATA CABLE AT EACH MENU BOARD SCREEN. REFER TO DETAIL, SHEET E-4.
- STAINLESS STEEL SERVICE CHASE TO CEILING FURNISHED BY THE EQUIPMENT MANUFACTURER.
- CONTRACTOR SHALL OBTAIN WIRING DIAGRAM FROM THE WALK-IN BOX MANUFACTURER AND INSTALL AS DIRECTED.
- CONTRACTOR SHALL COORDINATE EQUIPMENT INSTALLATION WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION PERSONNEL.
- PRE-WIRED BRANCH CIRCUITS DISCONNECTED FOR SHIPMENT TO BE RE-CONNECTED BY MANUFACTURER'S INSTALLATION PERSONNEL ON SITE.
- ELECTRICAL CONTRACTOR TO PROVIDE CORD AND PLUG AND WIRE TO BROILER BASED ON EQUIPMENT SELECTED.
- CONTRACTOR SHALL COORDINATE CONDUIT RUN BETWEEN FREEZER/COOLER EVAPORATORS AND ROOF-TOP REFRIGERATION UNIT WITH THE MANUFACTURER'S FURNISHED WIRING HARNESS.
- ELECTRICAL CONTRACTOR TO PROVIDE JUNCTION BOXES INSIDE WALL @ 48" A.F.F. WITH STUB-UPS TO CEILING FOR AMEREX PULL STATION AS REQUIRED BY EQUIPMENT SUPPLIER.
- SMOKE DETECTOR ALARM PANEL: REFER TO SHEET M-1 FOR LOCATION OF A/C UNITS SMOKE DETECTORS.
- (3) 1" CONDUIT TO BASE OF DRIVE-THROUGH ORDER STATION FOR DRIVE-THROUGH COMMUNICATIONS SYSTEM, SOUND, DATA AND POWER.
- 6" BELOW CEILING FOR CONDENSATE DRAIN LINE TAPE HEATER.
- TO MASTER RELAY PANEL. REFER TO SHEET E-5
- MANUAL ON-OFF CONTROL PANEL. REFER TO SHEET E-5
- MASTER CONTRACTOR PANEL. REFER TO SHEET E-5 AND NOTE #23, BELOW.
- SWITCH GEAR OPTION #1:  
RECESS ELECTRICAL CONTROL PANEL & PANELS 'A', 'B', & 'M' IN FURRED OUT WALL ADJACENT TO EXTERIOR FRAMING. G.C. TO VERIFY PANEL SIZES PRIOR TO FURR-OUT TO INSURE ADEQUATE SPACE.  
SWITCH GEAR OPTION #2:  
HILL PHOENIX INTEGRATED WALL UNIT INCLUDES PANELS 'A', 'B', 'M' AND MASTER CONTACTOR PANEL IN ONE CABINET. UNIT TO BE SURFACE MOUNTED ON 4" HIGH CONCRETE CURB. REFERENCE SHEET E-3 AND E-5 FOR ADDITIONAL INFORMATION.
- PROVIDE VISUAL STROBE ALARM MOUNTED AT 80" A.F.F. TIE TO H.V.A.C. SMOKE ALARM SYSTEM.
- CONTRACTOR TO PROVIDE AND INSTALL LOW VOLTAGE DOOR BUZZER AT BACK DOOR.

**ELECTRICAL CONTRACTOR (EC) - GENERAL NOTES:**

- ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES AND STANDARDS.
- ALL DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUITS RUN CONCEALED IN FINISHED AREAS EXCEPT AS SPECIFICALLY SHOWN/NOTED OTHERWISE.
- INSTALL POWER AND CONTROL WIRING AND REQUIRED CONTROL COMPONENTS FOR AIR CONDITIONING SYSTEMS AS SHOWN/NOTED ON THE DRAWINGS AND PER OTHER APPLICABLE DRAWINGS/INSTRUCTIONS. REFERENCE MECHANICAL DRAWINGS.
- WIRE SIZE SHALL BE #12 (MINIMUM) UNLESS OTHERWISE NOTED. WIRE SIZES SMALLER THAN #6 AWG SHALL BE THHN/THWN. #6 AWG WIRE AND LARGER SHALL BE THW, UNLESS NOTED OTHERWISE.
- WIRE (CONDUCTOR) COLORS SHALL BE AS PER APPLICABLE CODES.
- ALL CONDUCTORS SHALL BE COPPER.
- ALL CONDUCTORS SHALL BE RUN IN CONDUIT, EXCEPT LOW VOLTAGE CONTROL AND COMMUNICATIONS CABLES.
- ALL MATERIALS SHALL BE UL APPROVED.
- ALL BRANCH CIRCUITS, EXCEPT INTERIOR LIGHTING, EXTERIOR BUILDING SIGNS, PARAPET LIGHTING AND SOFFIT LIGHTING TO HAVE A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER NEC 250-122.
- PVC (SCHEDULE 40) PERMITTED BELOW SLAB AND BELOW GRADE ONLY.
- IT IS INTENDED THAT AN EQUIPMENT GROUND CONDUCTOR (GREEN) SHALL BE RUN IN POWER CIRCUIT CONDUITS WHETHER OR NOT THE CONDUIT IS PVC.
- ALL EMPTY CONDUITS TO BE PROVIDED WITH NYLON PULL STRING.
- NEW TYPEWRITTEN PANEL DIRECTORY SHALL BE FURNISHED AFTER JOB IS COMPLETED REFLECTING ALL AS BUILT CONDITIONS.
- ALL BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
- ALL DATA EQUIPMENT TO BE FED BY A DEDICATED CIRCUIT WHICH CONSISTS OF A POWER CIRCUIT THAT FEEDS THIS TYPE OF EQUIPMENT ONLY WITH A SEPARATE GREEN GROUNDING CONDUCTOR CARRIED ALL THE WAY BACK TO THE PANEL TO BE CONNECTED TO THE GROUNDING SYSTEM.
- FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE UNLESS OTHERWISE NOTED.
- EC SHALL VERIFY INTERIOR DECOR THEME TO BE USED AND COORDINATE WITH SAID THEME.
- EC SHALL INSTALL AND CONNECT WIRING TO ALL SIGNS.
- EC TO COORDINATE ROUGHING-IN TO ALL EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLING CONDUITS.
- ALL CONDUIT RUNS TO KITCHEN EQUIPMENT SHALL BE RUN ABOVE CEILING.
- MAINTAIN 12" CLEARANCE BETWEEN P.O.S. COMMUNICATION CONDUITS AND LIGHTING FIXTURES AS WELL AS POWER CONDUITS.
- CUTTING AND NOTCHING OF 2x4 BEARING WALL FRAMING NOT TO EXCEED 7/8". BORING HOLES IN 2x4 BEARING WALL FRAMING NOT TO EXCEED 1/8".

**ELECTRICAL CONTRACTOR (EC) - H.V.A.C.:**

- THE EC SHALL FURNISH AND INSTALL PITCH PANS FOR POWER AND CONTROL WIRING AND TO MAINTAIN 12" MINIMUM CLEARANCE FROM BACK PANEL OF AIR CONDITIONING UNITS.
- EC SHALL INSTALL ALL LOW-VOLTAGE CONTROL WIRING FOR ALL AIR CONDITIONING UNITS AND FANS. COORDINATE AIR CONDITIONING AND ELECTRICAL PLANS.
- EC SHALL FURNISH AND INSTALL DISCONNECTS FOR AIR CONDITIONING UNITS.
- EC SHALL USE A MINIMUM OF 4"-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK
- IF REQUIRED BY LOCAL CODE, EC SHALL PROVIDE COMPONENTS - AUDIBLE AND VISUAL ANNUNCIATORS AND SINGLE-GANG RECEPTACLES TEST STATIONS WITH GREEN AND RED LIGHT INDICATORS. EACH KITCHEN UNIT WILL BE EQUIPPED AND THE FIRE AND MECHANICAL INSPECTORS WILL DETERMINE SUITABLE LOCATION FOR TEST STATIONS. ANNUNCIATORS AND TEST STATION WILL BE LOOPED IN THE CIRCUITRY OF THE SMOKE DETECTION DEVICES. WIRING WILL BE SUPPLIED AND COMPLETED BY THE EC.

**ELECTRICAL CONTRACTOR (EC) - KITCHEN EQUIPMENT:**

- EC TO PROVIDE AND INSTALL RECEPTACLES, CAPS AND CORDS AS REQUIRED. CAPS AND CORDS ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- EC TO CONNECT ELECTRICAL SERVICE DIRECTLY TO EQUIPMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- EC TO RECONNECT ELECTRICAL CIRCUITS ON PRE-WIRED EQUIPMENT DISASSEMBLED FOR SHIPMENT.
- WHERE EQUIPMENT IS NOT PRE-WIRED, EC TO CONNECT THE ELECTRICAL SERVICE AND PROVIDE INTER-WIRING AS REQUIRED.
- WHERE RECEPTACLES ARE PROVIDED WITH THE EQUIPMENT, EC TO PROVIDE AND INSTALL ELECTRICAL SERVICE DOWN FROM ABOVE THROUGH THE SERVICE CHASE PROVIDE WITH THE EQUIPMENT.
- KITCHEN EQUIPMENT SUPPLIER DRAWINGS INCLUDE ONLY THOSE RECEPTACLES REQUIRED FOR SPECIFIC KITCHEN EQUIPMENT. REFER TO THE ARCHITECTS/ENGINEERS ELECTRICAL DRAWINGS FOR LOCATIONS OF UTILITY AND GENERAL PURPOSE RECEPTACLES.
- EC TO VERIFY THE UTILITY REQUIREMENTS FOR ITEMS NOT PROVIDED BY THE KITCHEN EQUIPMENT SUPPLIER.
- ALL PORTIONS OF WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND NATIONAL CODES, ORDINANCES AND STANDARDS.
- NOTIFY THE KITCHEN EQUIPMENT SUPPLIER PROJECT MANAGER IMMEDIATELY OF COMPLIANCE WITH A LOCAL, STATE OR NATIONAL CODE IS IN CONFLICT WITH THESE DRAWINGS.

**ELECTRICAL CONTRACTOR (EC) - WALK-IN COOLER/FREEZER:**

- EC TO PROVIDE AND INSTALL A HEATING ELEMENT ON THE COOLER AND FREEZER CONDENSATE DRAIN LINES.
- EC TO CONNECT THE PRIMARY ELECTRICAL SERVICE TO THE CONDENSING UNITS AND INTER-WIRE TO THE EVAPORATOR COIL(S), CONTROLS, LIGHTING FIXTURES AND DOOR PERIMETER HEATERS.

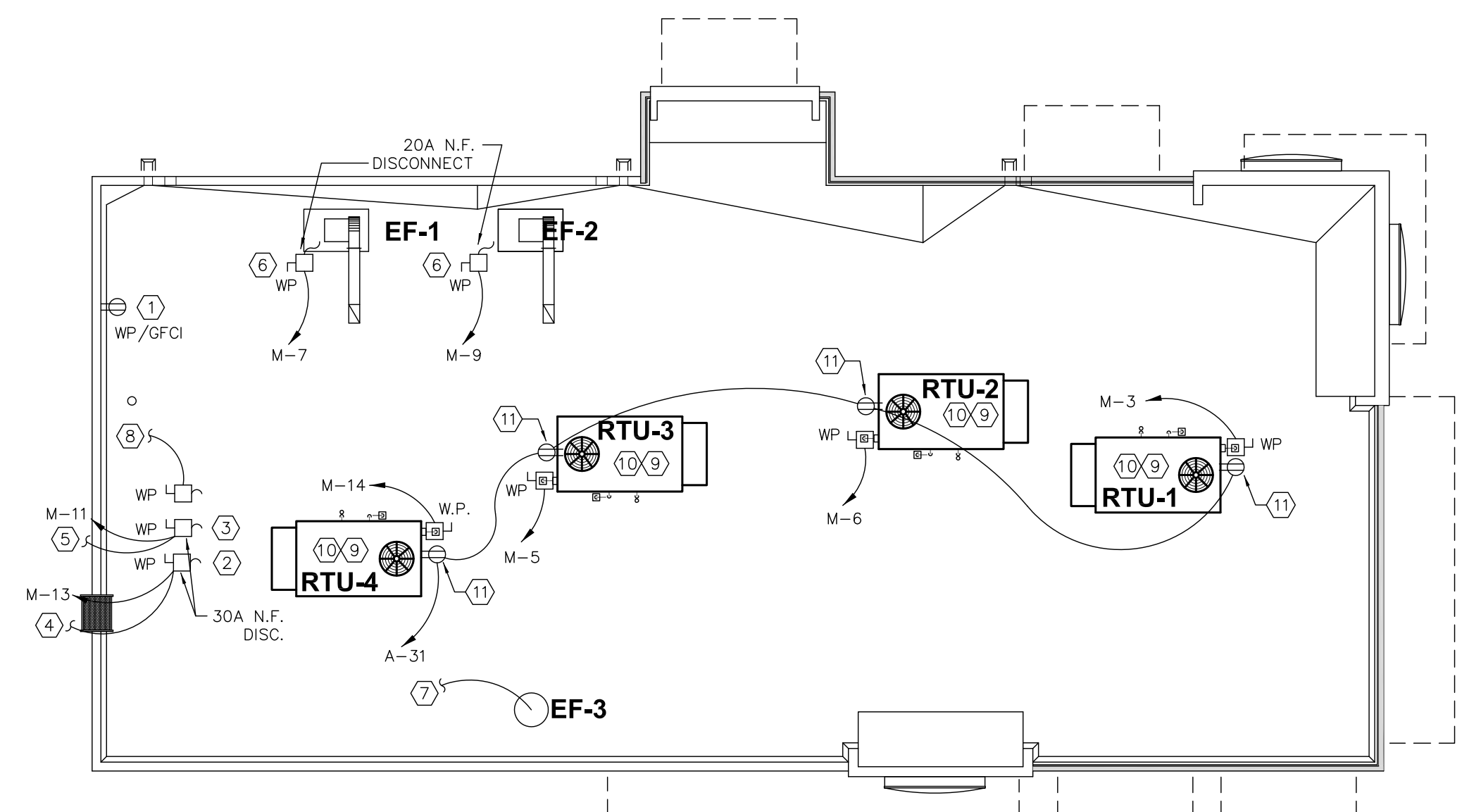
**POWER PLAN**  
SCALE: 1/4" = 1'-0"

**KITCHEN EQUIPMENT ELECTRICAL NOTE:**

- CONTRACTOR SHALL REFER TO KITCHEN EQUIPMENT SUPPLIER ROUGH-IN DRAWINGS FOR ALL SPECIFIC ELECTRICAL REQUIREMENTS, INCLUDING KITCHEN EQUIPMENT ELECTRICAL LOADS, WIRING NOTES, AND LOCATIONS OF OUTLETS AND JUNCTION BOXES.
- CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN EQUIPMENT VENDOR DRAWINGS AND POWER PLAN OR PANEL SCHEDULES.

**KEYED NOTE - ROOF:**

- OPTIONAL WEATHERPROOF OUTLET 30" A.F.F. FOR TV VIDEO CAMERA. RUN CONDUIT TO BLDG. INT., VERIFY SIZE AND LOCATION WITH OWNER.
- REMOTE FREEZER COMPRESSOR CONDENSING UNIT.
- REMOTE COOLER COMPRESSOR CONDENSING UNIT.
- TO FREEZER EVAPORATOR.
- TO COOLER EVAPORATOR.
- STUB-UP CONDUIT ADJ. TO ROOF CURB AND PROVIDE SEAL TIGHT CONNECTION TO DISCONNECT WITH SUFFICIENT SLACK TO ALLOW REMOVAL OF FAN FOR SERVICING.
- FOR CONTINUATION, SEE LIGHTING PLAN, SHEET E-1.
- DOWN TO ICE MACHINE.
- SEE ELECTRICAL RISER SHEET E-3 FOR ELECTRICAL REQUIREMENTS TO MECHANICAL EQUIPMENT
- RUN CONTROL WIRES VIA MASTER RELAY CONTROL PANEL. SEE SHEET E-5.
- 120V/1ϕ WATER PROOF, GFCI RECEPTACLE BY ELECTRICAL CONTRACTOR.



**ELECTRICAL ROOF POWER PLAN**  
SCALE: 1/8" = 1'-0"

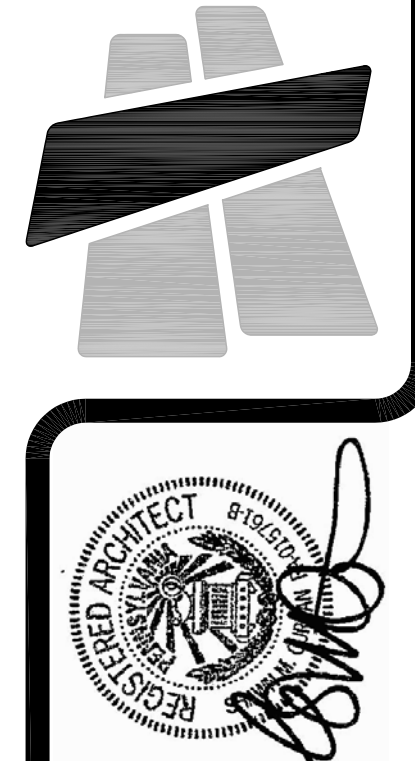
PROJECT #:	180004
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CHECKED BY:	SMC
REVISION:	
ISSUED FOR CONSTRUCTION:	

**BURGER KING**

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**BURGER KING RESTAURANT**

771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

POWER PLAN

**ELECTRICAL PANEL SCHEDULE**

**PANEL: A** SERVICE: 120/208V, 3P, 4W + GND FEEDERS: SEE ONE LINE DIAGRAM  
**PANEL TYPE:** SQ-D "N00D" OR EQUAL BUS RATING: 200 A M.L.O. MOUNTING: NEMA-1 RECESSED

LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION
AREA LIGHTS	**	1080	10	20/2	1	2	20/1	12		DINING RM. LIGHTS
AREA LIGHTS	**	1080	10	20/2	3	4	20/1	12		DINING RM. LIGHTS
AREA LIGHTS	**	1080	10	20/2	5	6	20/1	12		KITCHEN AREA LIGHTS
AREA LIGHTS	**	1080	10	20/2	7	8	20/1	12		OCU / CREDIT CARD SWIPE
PYLON SIGNS *	**	1200	12	20/1	9	10	20/1	12		DIGITAL MENU BOARD #94A
SECONDARY PYLON SIGN *	**	1200	12	20/1	11	12	20/1	12		RESTROOM LIGHTS/EF-2
DRIVE-THRU MENU SIGNS	**	720	12	20/1	13	14	20/1	12		DIRECTIONAL SIGNS
RESTROOM DUCT HEATER	***	1500	12	20/2	15	16	20/1	12		KITCHEN/SERVICE/OFFICE LIGHTS
CHANEL LETTERS / LOGO	**	1200	12	20/1	19	20	20/1	12		SMOKE DETECTOR ALARM PANEL
RED LED LIGHTS	**	240	10	20/1	21	22	20/1	12		SPARE
CHANEL LETTERS / LOGO	**	1200	12	20/1	23	24	20/1	12		RELAY PANEL
SPARE				20/1	25	26	20/1	12		EXTERIOR BUILDING LIGHTS **
EXTERIOR BUILDING LIGHTS	**	1475	12	20/1	27	28	20/1	12		TELEPHONE REC.
COOL/FRZR LIGHTS/DOOR HTR/HE.	**	400	12	20/1	29	30	20/1	12		GFCI DINING RECEPTACLE
ROOF/EXTERIOR RECEPTACLES	**	720	12	20/1	31	32	20/2	10		GFCI KITCHEN RECEPTACLES
SERVICE COUNTER/CORRIDOR	**	360	12	20/1	33	34	20/1	12		AREA LIGHTS **
D/T SPEED/SERVICE #90C CAMERA	**	540	12	20/1	35	36	20/1	12		OFFICE RECEPTACLES
KITCHEN AREA LIGHTS	**	1200	12	20/1	37	38	20/2	12		VESTIBULE DUCT HEATER ***
CREW/STORAGE RECEPTACLES	GFCI	540	12	20/1	39	40	20/1	12		
CHANEL LETTERS / LOGO	**	1200	12	20/1	41	42	20/1	12		SAFE #70

**TOTAL CONNECTED LOAD:** 38,290 VA **PHASE 'A':** 13200 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.  
**TOTAL CONNECTED AMPS:** 106 AMP **PHASE 'B':** 13805 VA (HACR) = HACR TYPE BREAKER.  
**PHASE 'C':** 11285 VA (LO) = LOCKED BREAKER.  
(GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR  
(IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.

**PANEL 'A' NOTES:**  
1. \*\* ELECTRICAL CONTRACTOR TO WIRE THESE CIRCUITS THRU MASTER CONTACTOR PANEL. REFERENCE WIRING DIAGRAMS SHEET E-5.  
2. ALL BREAKERS SHALL BE RATED FOR SWITCHING DUTY.  
3. \* VERIFY CIRCUIT REQUIREMENTS FOR PYLON SIGN.  
4. \*\*\* ZONES A & B ONLY. COORDINATE WITH HVAC.

**ELECTRICAL PANEL SCHEDULE**

**PANEL: B** SERVICE: 120/208V, 3P, 4W + GND FEEDERS: SEE ONE LINE DIAGRAM  
**PANEL TYPE:** SQ-D "N00D" OR EQUAL BUS RATING: 200 AMP M.L.O. MOUNTING: NEMA-1 RECESSED

LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION
SELF-SERVE DRINK DISPENSER #10		600	12	20/1	1	2	20/1	12		JUICER #20
P.O.S. RECEPTACLES GFCI	**	1320	12	20/1	3	4	20/1	12		PRODUCT HOLDING FREEZER #32
P.O.S. RECEPTACLES GFCI	**	1320	12	20/1	5	6	20/1	12		BROLLER
DRIVE-THRU DRINK DISPENSER #11		600	12	20/1	7	8	20/1	12		MEAT FREEZER #26
REAR DOOR BUZZER		720	12	20/1	9	10	20/1	12		U/C FRIDGE @ SMOOTHIE STATION
DOOR ALARM		720	12	20/1	11	12	30/1	12		FRY HOLD STATION #30
WATER HEATER		180	12	20/1	13	14	20/1	12		REACH-IN FREEZER #25
SERVICE CTR/D.T. RECEPT.		576	12	20/1	15	16	20/1	12		U/C FRIDGE @ SERVICE COUNTER
LOW PROFILE CUBER REMOTE #16	HACR	1300	12	20/2	17	18	20/1	12		SPARE
COFFEE/TEA BREWER #17		1300	12	20/2	19	20	20/2	12		HACR LOW PROFILE CUBER REMOTE #16
		1820	12	20/2	21	22	20/1	12		
		1820	12	20/2	23	24	20/1	12		
SHORTENING STORAGE UNIT #31B		500	12	20/1	25	26	20/1	12		FROZEN COKE
CARBONATOR #11		1428	12	20/1	27	28	20/1	12		FRYER CONTROLS #31 **
CARBONATOR #11		1428	12	20/1	29	30	20/2	12		SPARE
CARBONATOR #11		1428	12	20/1	31	32	20/2	12		PRODUCT HOLDING UNIT #51
HAND DRYER		1450	12	20/1	33	34	20/1	12		SPARE
HAND DRYER		1450	12	20/1	35	36	20/1	12		SPARE
SPARE				20/1	37	38	20/1	12		SPARE
SPARE				20/2	39	40	20/1	12		SPARE
SPARE				20/2	41	42	20/1	12		SPARE

**TOTAL CONNECTED LOAD:** 45,472 VA **PHASE 'A':** 14206 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.  
**TOTAL CONNECTED AMPS:** 131 AMP **PHASE 'B':** 15918 VA (HACR) = HACR TYPE BREAKER.  
**PHASE 'C':** 15348 VA (LO) = LOCKED BREAKER.  
(GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR  
(IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.

**PANEL 'B' NOTES:**  
1. \* PROVIDE ISOLATED GROUND BUS.  
2. \*\* CONTRACTOR SHALL WIRE THESE CIRCUITS THRU MASTER CONTACTOR PANEL. REFERENCE WIRING DIAGRAM SHEET E-5.  
3. \*\* PROVIDE HLO-1 HANDLE LOCK-OFF.

**ELECTRICAL PANEL SCHEDULE**

**PANEL: D** SERVICE: 120/208/240V, 3P, 4W + GND FEEDERS: SEE ONE LINE DIAGRAM  
**PANEL TYPE:** SQ-D "N00D" OR EQUAL BUS RATING: 150A M.L.O. MOUNTING: FURNISHED BY EQUIPMENT SUPPLIER

LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION
PHU/MICROWAVE		1920	12	20/2	1	2	20/2	12		PHU/MICROWAVE
PHU/MICROWAVE		1920	12	20/2	3	4	20/2	12		PHU/MICROWAVE
PHU/MICROWAVE		1920	12	20/2	5	6	20/2	12		PHU/MICROWAVE
CONVEYOR TOASTER		1920	12	20/2	7	8	20/2	12		EGG COOKER
CONVEYOR TOASTER		1920	12	20/2	9	10	20/2	12		SPARE
VERTICAL TOASTER		2880	10	30/2	11	12	20/1	12		SPARE
HEATED SURFACES		2880	10	30/2	13	14	20/1	12		SANDWICH STATION
SPACE		240	12	20/1	15	16	30/2	10		VERTICAL TOASTER
UTILITY		1920	12	20/1	17	18	20/1	12		SPARE
SPACE		1920	12	20/1	19	20	20/1	12		UTILITY
SPACE				20/2	21	22	20/1	12		SPACE
SPACE				20/2	23	24	20/1	12		SPACE

**TOTAL CONNECTED LOAD:** 40560 VA **PHASE 'A':** 15360 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.  
**TOTAL CONNECTED AMPS:** 112 AMP **PHASE 'B':** 16320 VA (HACR) = HACR TYPE BREAKER.  
**PHASE 'C':** 10800 VA (LO) = LOCKED BREAKER.  
(GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR  
(IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.

**NOTE:** ALL RECEPTACLES TO PANEL 'D' TO BE GFCI.

**ELECTRICAL PANEL SCHEDULE**

**PANEL: M** A.I.C. RATING: 42,000 SERVICE: 120/208V, 3P, 4W + GND FEEDERS: SEE ONE LINE DIAGRAM  
**PANEL TYPE:** SQ-D "I-LINE" OR EQUAL SIZE: 600 AMP MCB MOUNTING: NEMA-1 RECESSED

LOAD DESCRIPTION	NOTE	LOAD VOLT-AMP	WIRE	CB/P	A B C	CB/P	WIRE	LOAD VOLT-AMP	NOTE	LOAD DESCRIPTION
PANEL A		13200	3/0	200/3	1	2	200/3	3/0		PANEL B
		13445			4	5				
		10745			6	7				
RTU-1	HACR	3140	#8	60/3	3	4	150/3	1/0		PANEL D
		3140			5	6				
RTU-3	HACR	3140	#8	50/3	5	6	50/3	#8		HACR
		3140			7	8				
EF-1 #23A		3140	#12	20/2	7	8	20/3	#12		RTU-2
		3140			9	10				
EF-2 #33A		350	#12	20/2	9	10	40/3	#8		STEAMER OVEN #36
		350			11	12				
WALK-IN BOX COOLER CONDENSER #40		465	#12	20/2	11	12	20/2			SOFTSERVE MACHINE #15
		465			13	14				
WALK-IN BOX FREEZER CONDENSER #40		3024	#10	30/3	13	14	50/3	#8		RTU-4
		3024			15	16				
		3024			17	18				

**TOTAL CONNECTED LOAD:** 182519 VA **PHASE 'A':** 56266 VA **NOTES:** (TC) = WIRE THROUGH CONTACTOR.  
**TOTAL CONNECTED AMPS:** 507 AMPS **PHASE 'B':** 58945 VA (HACR) = HACR TYPE BREAKER.  
**PHASE 'C':** 57774 VA (LO) = LOCKED BREAKER.  
(GFCI) = GROUND FAULT CIRCUIT INTERRUPTOR  
(IG) = WIRE SEPARATE TO ISOLATED GROUND BUS.

**KITCHEN EQUIPMENT ELECTRICAL NOTE:**

- CONTRACTOR SHALL REFER TO KITCHEN EQUIPMENT SUPPLIER ROUGH-IN DRAWINGS FOR ALL SPECIFIC ELECTRICAL REQUIREMENTS, INCLUDING KITCHEN EQUIPMENT ELECTRICAL LOADS, WIRING NOTES, AND LOCATIONS OF OUTLETS AND JUNCTION BOXES.
- CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN EQUIPMENT VENDOR DRAWINGS AND POWER PLAN OR PANEL SCHEDULES.

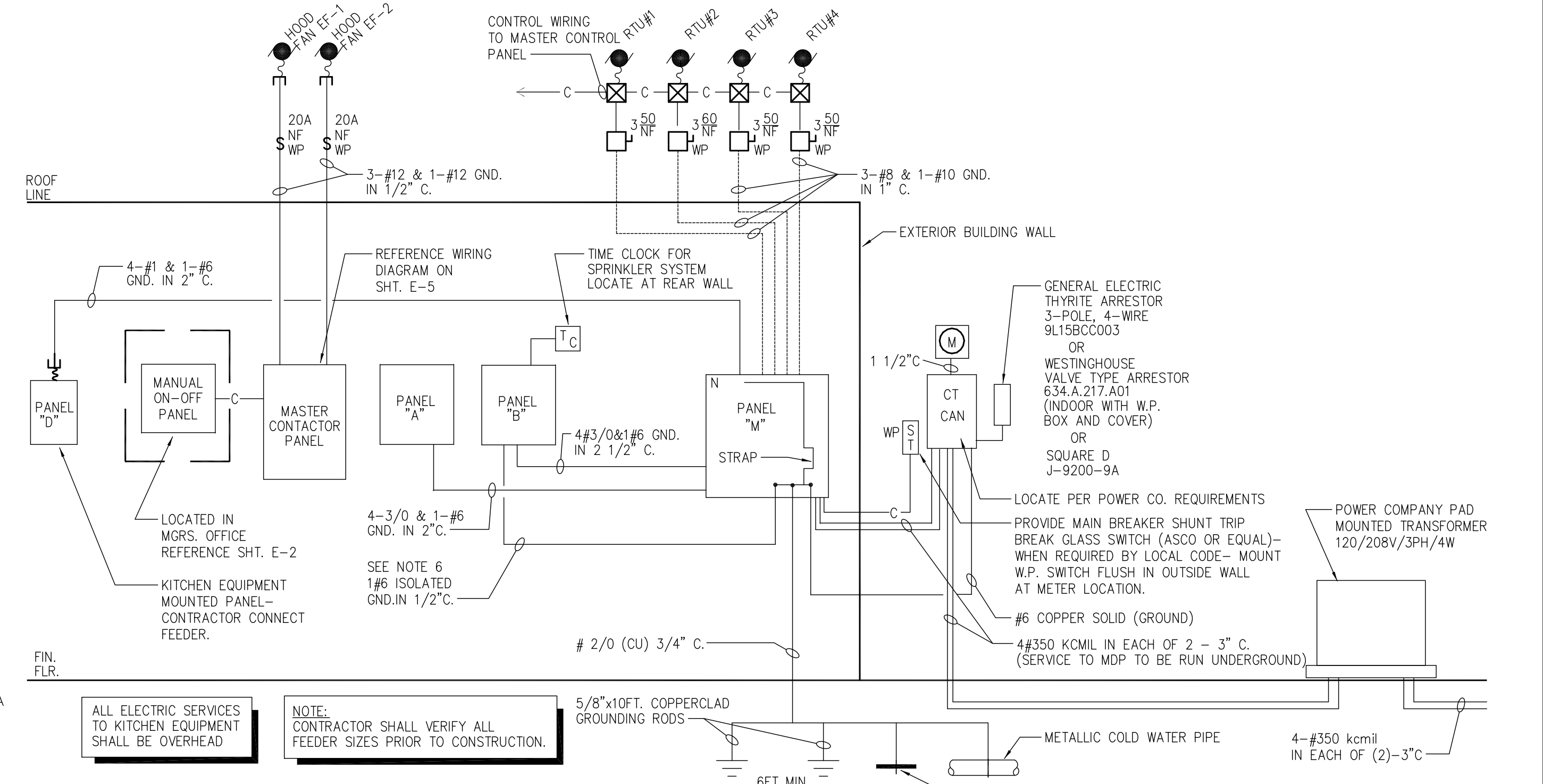
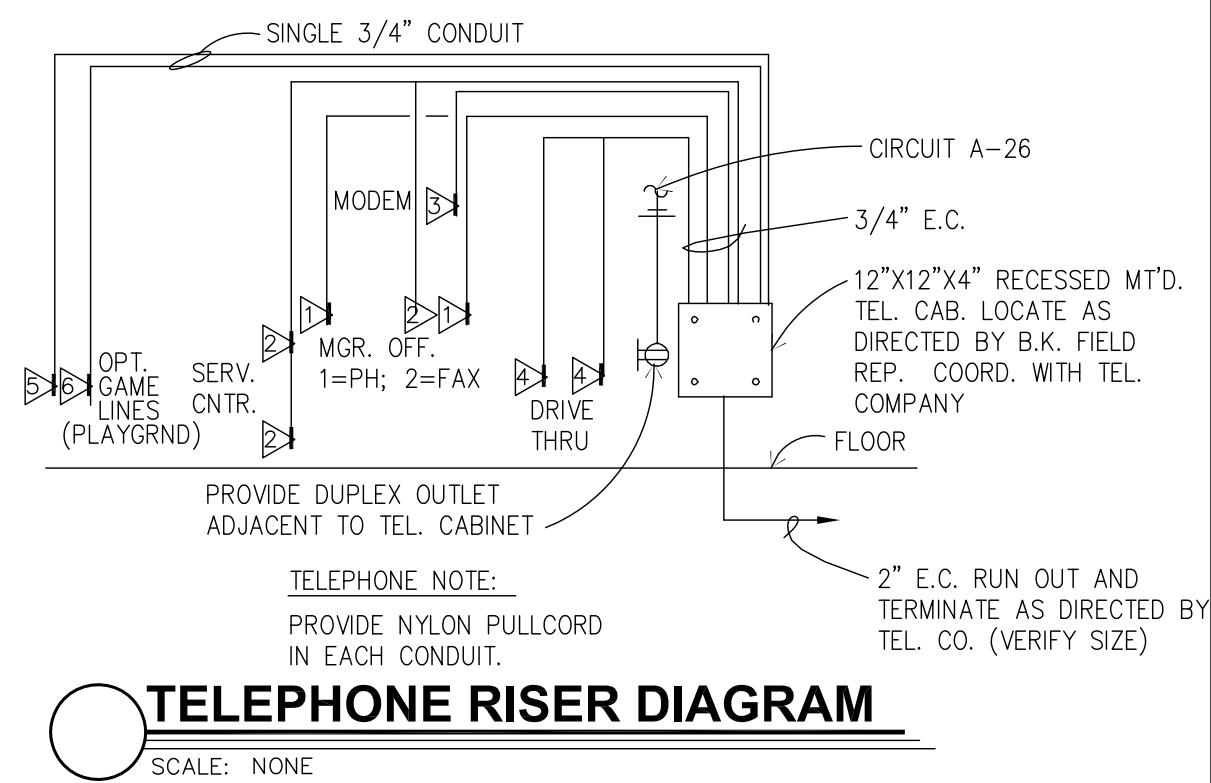
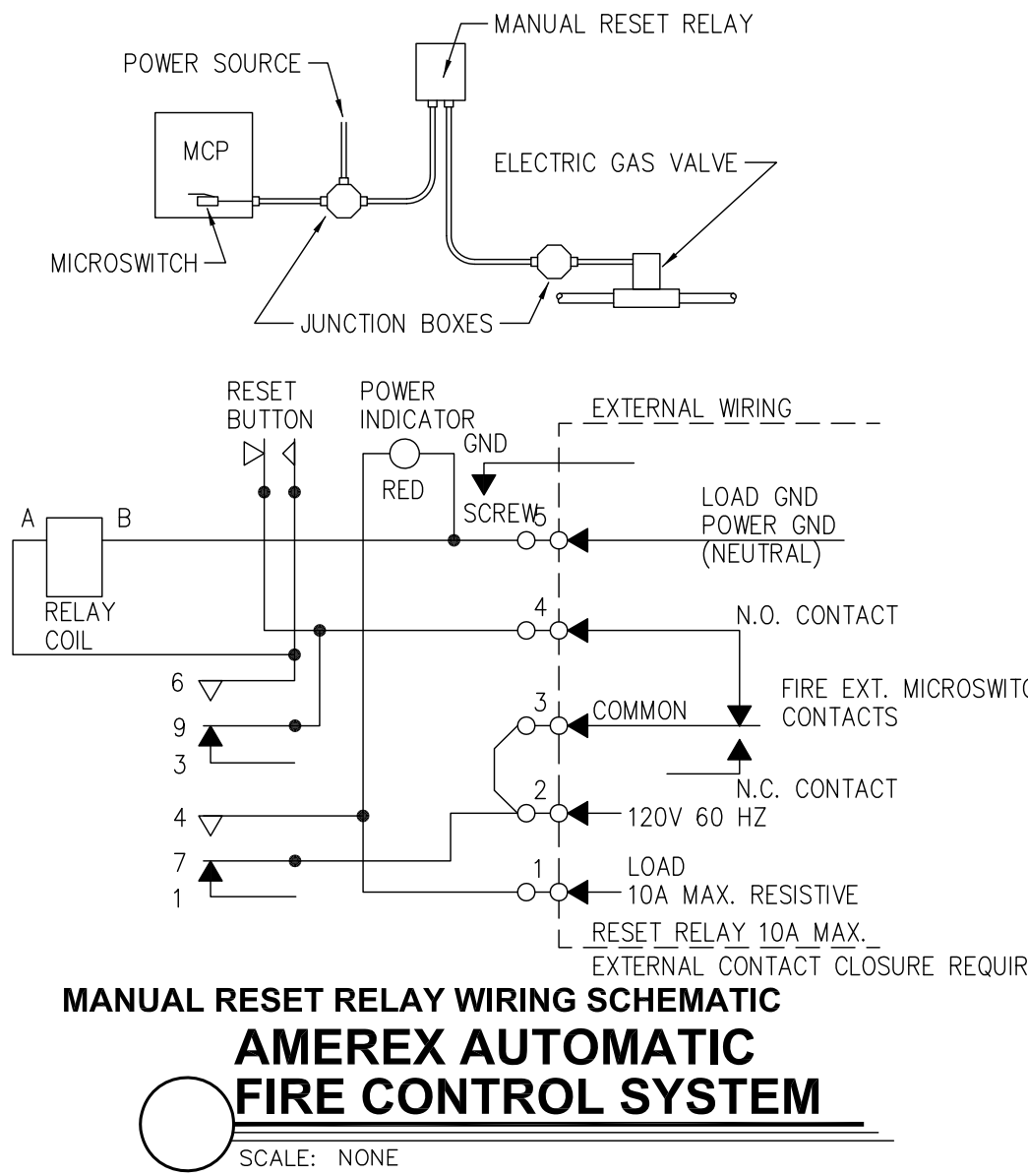
**LOAD SUMMARY**

KITCHEN LOADS  
A 0  
B 30895  
D 40560  
M 25916  
TOTAL 97371 X 65% = 63291

LIGHTING LOADS  
A 23130  
B 0  
D 0  
M 0  
TOTAL 23130 X 125% = 28913

REMAINING LOADS  
A 13540  
B 12372  
D 0  
M 39080  
TOTAL 64992 X 100% = 64992

TOTAL ADJUSTED LOAD = 157196 (437A)



- RISER NOTES:**
- ALL FUSED DISCONNECT SWITCHES TO BE PROVIDED BY CONTRACTOR.
  - REFER TO PANEL NOTES.
  - REFER TO GENERAL NOTES, SHEET E-2
  - "T.C." INDICATES TIME CLOCK (OR TIME SWITCH)
  - SEE MASTER CONTACTOR PANEL WIRING DIAGRAM FOR ADDITIONAL CIRCUITS FROM PANELS THAT ARE CONTROLLED THROUGH THE MASTER CONTACTOR PANEL
  - PROVIDE AN ISOLATED GROUND BUS IN PANEL & RUN CIRCUIT GROUND WIRE TO THIS BUS. RUN A #6 GREEN GROUND FROM THIS BUS TO MAIN SERVICE GROUND POINT.
  - MASTER CONTACTOR PANEL AND MANUAL ON-OFF PANEL TO BE INCLUDED IN ELECTRICAL CONTRACTORS SCOPE OF WORK.

ELECTRICAL DISTRIBUTION PANELS, MASTER CONTACTOR PANEL AND MANUAL ON/OFF PANEL MAY BE PURCHASED AS A LOOSE SCAP PACKAGE THROUGH:  
**SUNCOAST ENVIRONMENTAL CONTROLS, INC.**  
8566 115TH AVENUE NORTH  
LARGO, FLORIDA 34643  
PHONE (877) 544-6679

**BURGER KING**

FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVEREDGE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

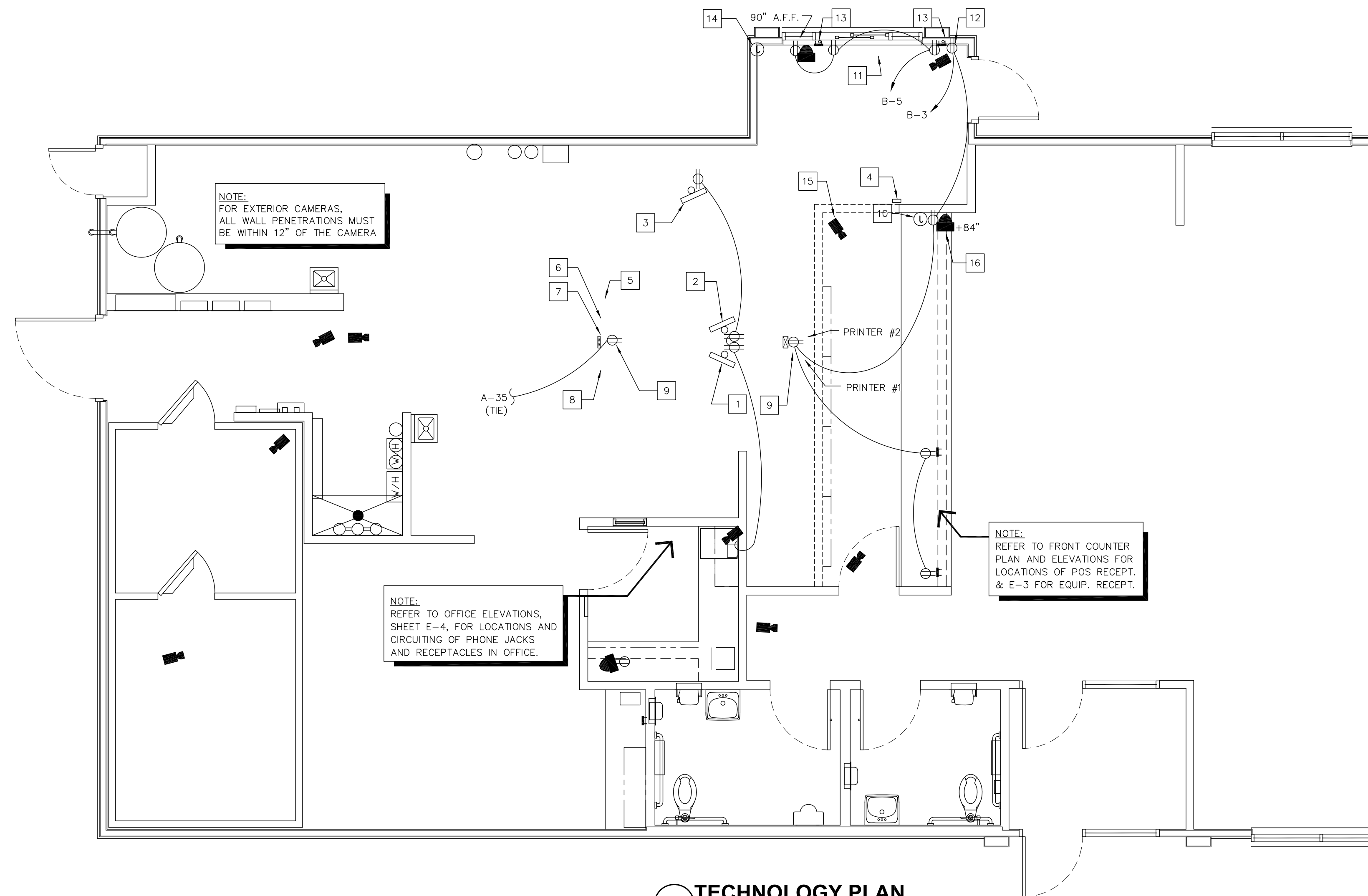
**CURRAN ARCHITECTURE**  
5719 LAWTON LOOP E. DR. #212  
INDIANAPOLIS, IN 46216  
O :: 317 . 288 . 0681  
F :: 317 . 288 . 0753

PROJECT #: 18004  
DATE: 03-21-2018  
REVISION: ISSUED FOR CONSTRUCTION

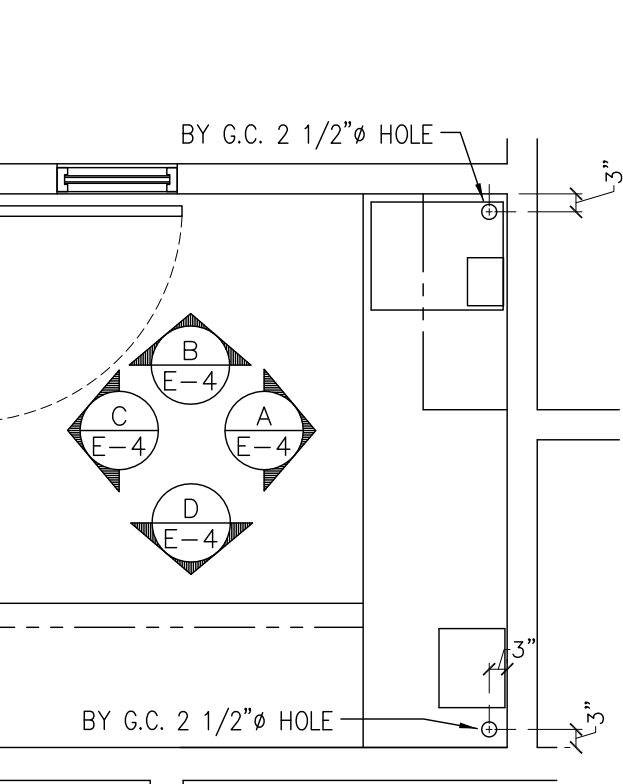
**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

ELECTRICAL PANELS AND RISERS

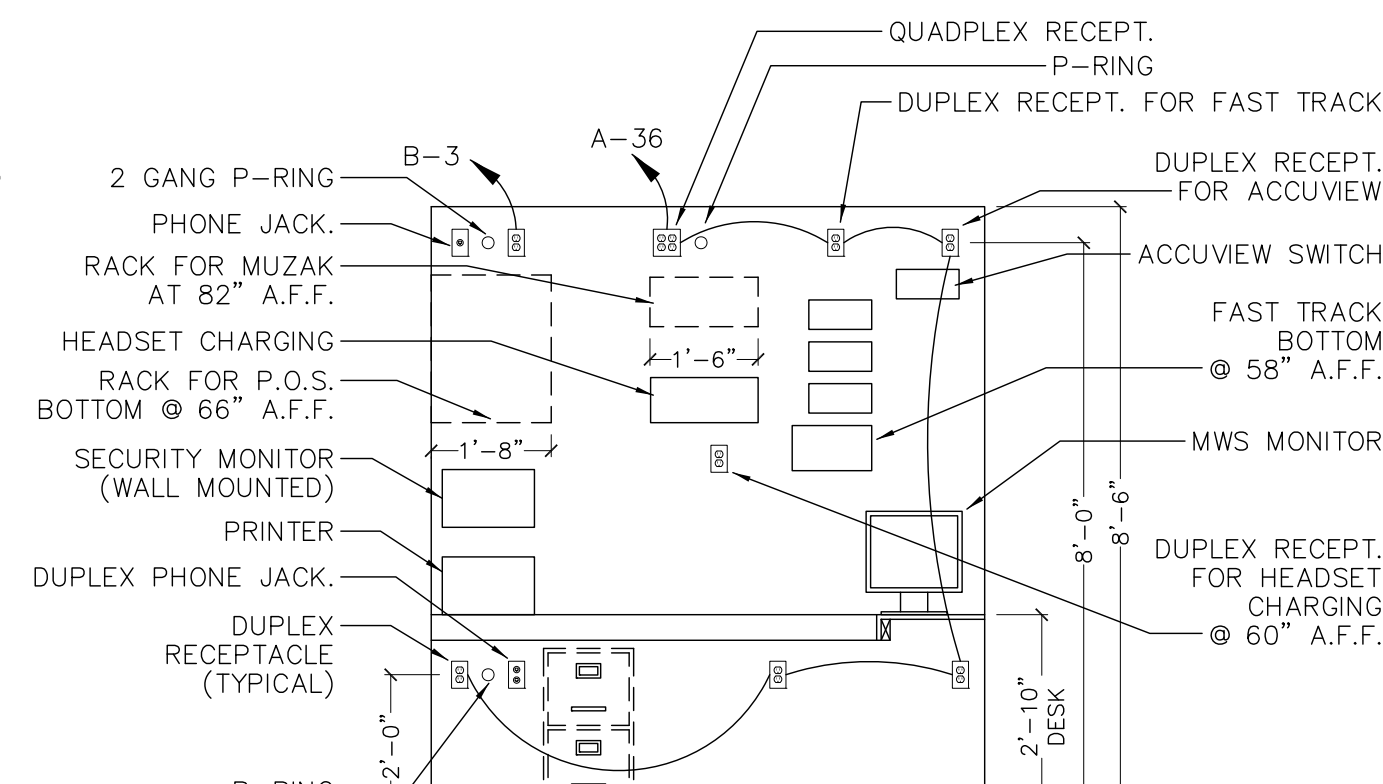
E-3



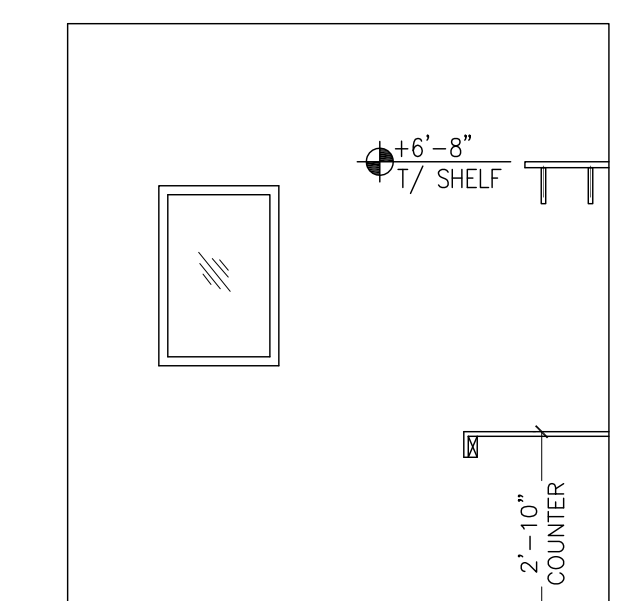
**TECHNOLOGY PLAN**  
SCALE: 1/4" = 1'-0"



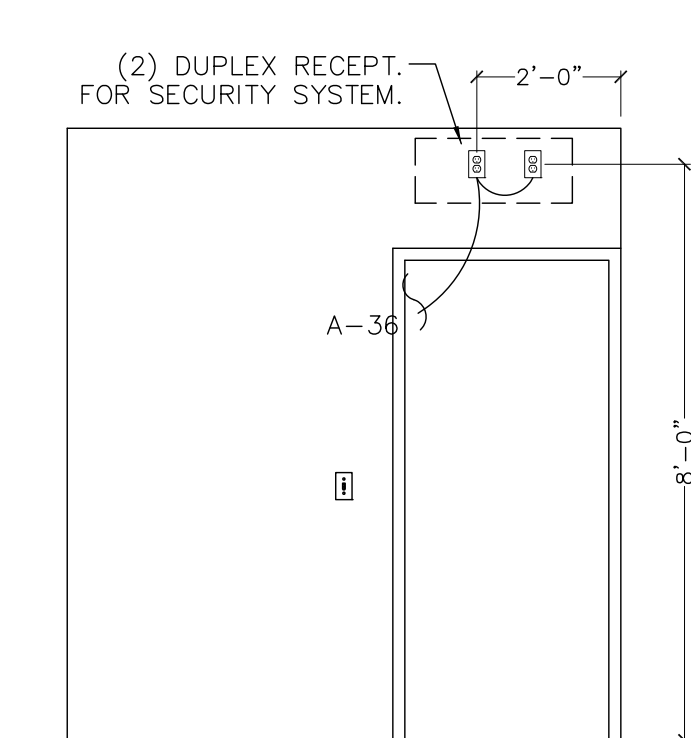
**OFFICE PLAN**  
SCALE: 3/8" = 1'-0"



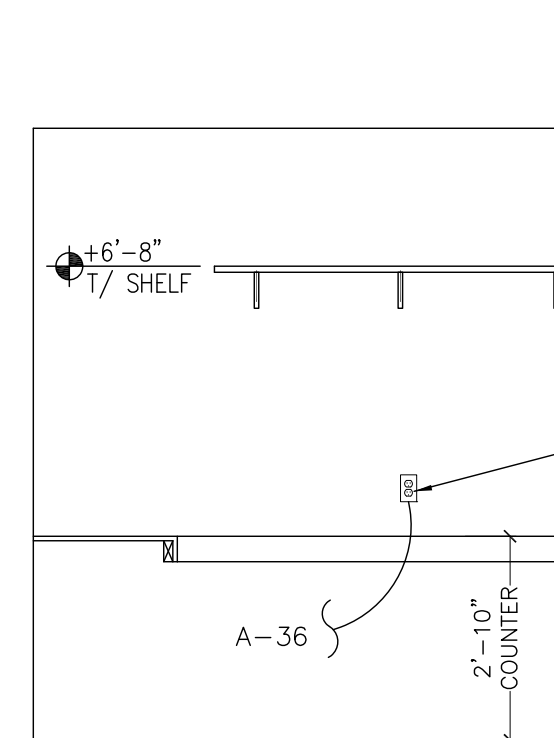
**A ELEVATION**  
SCALE: 3/8" = 1'-0"



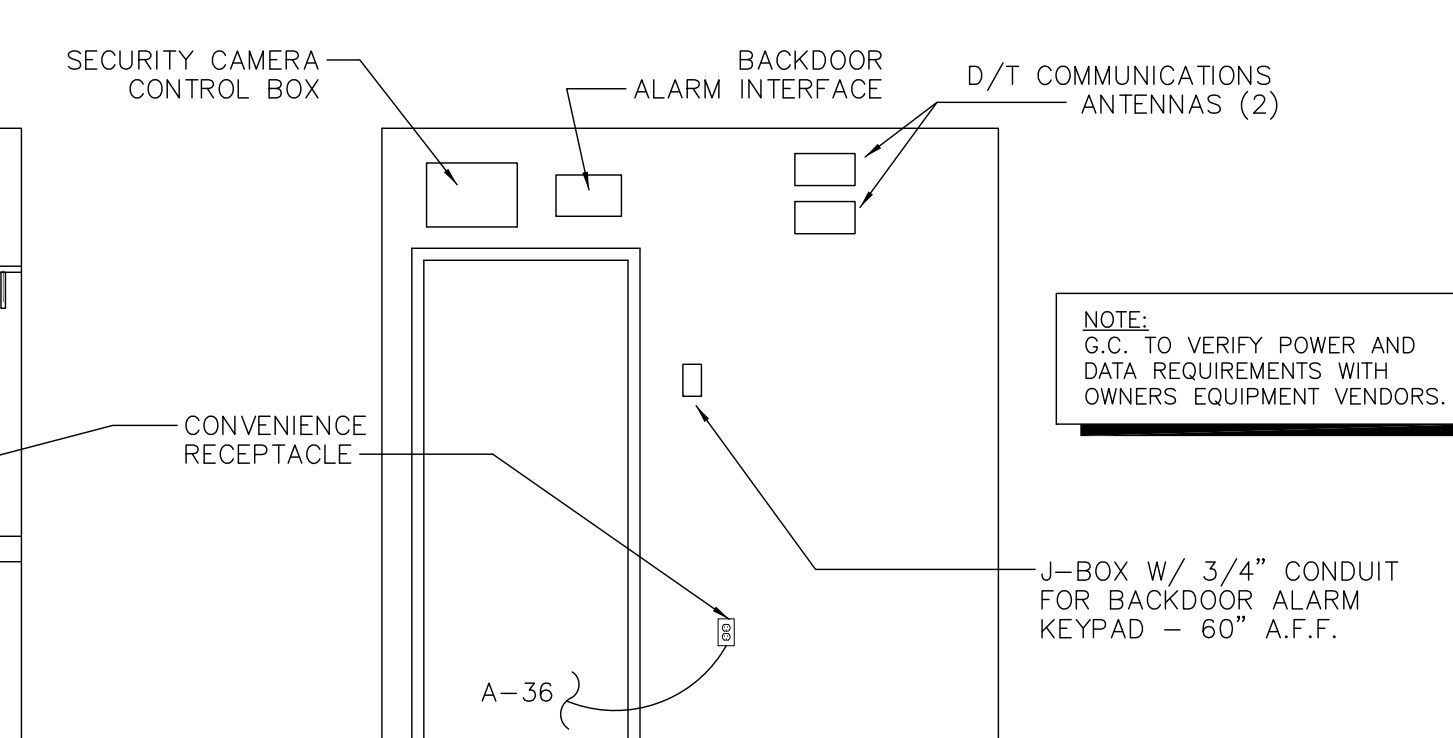
**B ELEVATION**  
SCALE: 3/8" = 1'-0"



**C ELEVATION**  
SCALE: 3/8" = 1'-0"



**D ELEVATION**  
SCALE: 3/8" = 1'-0"



**E ELEVATION**  
SCALE: 3/8" = 1'-0"

**GENERAL NOTES:**

- A. CONTRACTOR TO VERIFY WHICH SYSTEM IS TO BE INSTALLED. REQUIREMENTS CAN VARY DEPENDING ON MANUFACTURER. THE CONTRACTOR IS CAUTIONED TO VERIFY ALL REQUIREMENTS PRIOR TO CONSTRUCTION.
- B. CONTRACTOR TO PROVIDE ALL RECEPTACLE OUTLETS, CONDUITS AND J-BOXES AS INDICATED ON PLAN.
- C. CONTRACTOR TO VERIFY AND COORDINATE LOCATION OF VIDEO DISPLAY DEVICES W/ BURGER KING REPRESENTATIVE.
- D. MAINTAIN P.O.S. CABLES A MIN. OF 12" AWAY FROM ANY FLUORESCENT LIGHT SOURCES ABOVE CEILING.
- E. ELECTRICAL CONTRACTOR TO IDENTIFY P.O.S. JUNCTION BOXES ABOVE CEILING "GROUND P.O.S. ONLY".

**KEYED PLAN NOTES:**

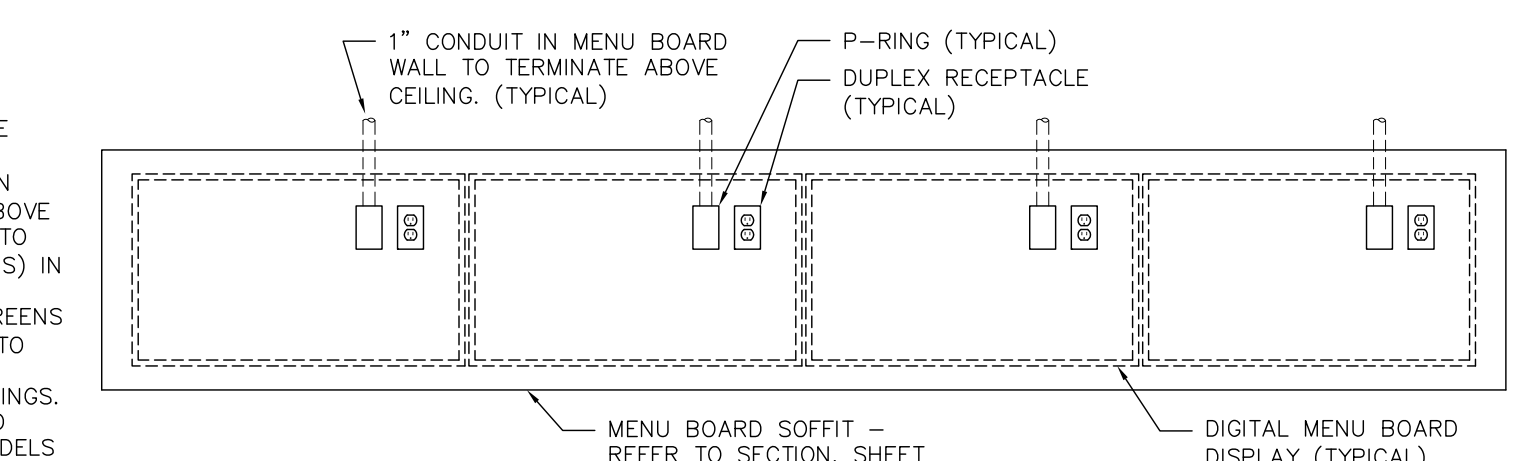
- 1 DISPLAY #1 AND BUMP BAR. PROVIDE 4" CONDUIT FOR VIDEO, BUMP BAR AND PRINTERS. PROVIDE CEILING MOUNTED RECEPTACLES. (TYPICAL FOR DISPLAY #1, #2 AND #3)
- 2 DISPLAY #2 AND BUMP BAR
- 3 DISPLAY #3 AND BUMP BAR
- 4 STOCK LEVEL LIGHT CONTROLLER @ 60" A.F.F.
- 5 TOTAL SERVICE TIME DISPLAY
- 6 GRADE DISPLAY
- 7 CLOCK-RECEPT. IN CHASE
- 8 STOCK LEVEL DISPLAY RECEPT. IN CHASE
- 9 EQUIPMENT MOUNTED RECEPTACLES BY K.E.S. CIRCUITING RUNS BY E.C.
- 10 J-BOX W/ 3/4" CONDUIT @ 84" A.F.F.
- 11 CEILING MOUNTED D/T TIMER WINDOW TIME DISPLAY
- 12 90" A.F.F. FOR D/T LAND MONITOR.
- 13 P-RING @ 24" A.F.F. W/ 1" CONDUIT TO ABOVE CLG.
- 14 J-BOX W/ 1" CONDUIT TO CLG. FOR PHU DATA CABLE. (LOCATE NEXT TO PHU RECEPT.)
- 15 SECURITY CAMERA (TYPICAL)
- 16 SECURITY MONITOR (TYPICAL)

**SYMBOL LEGEND**

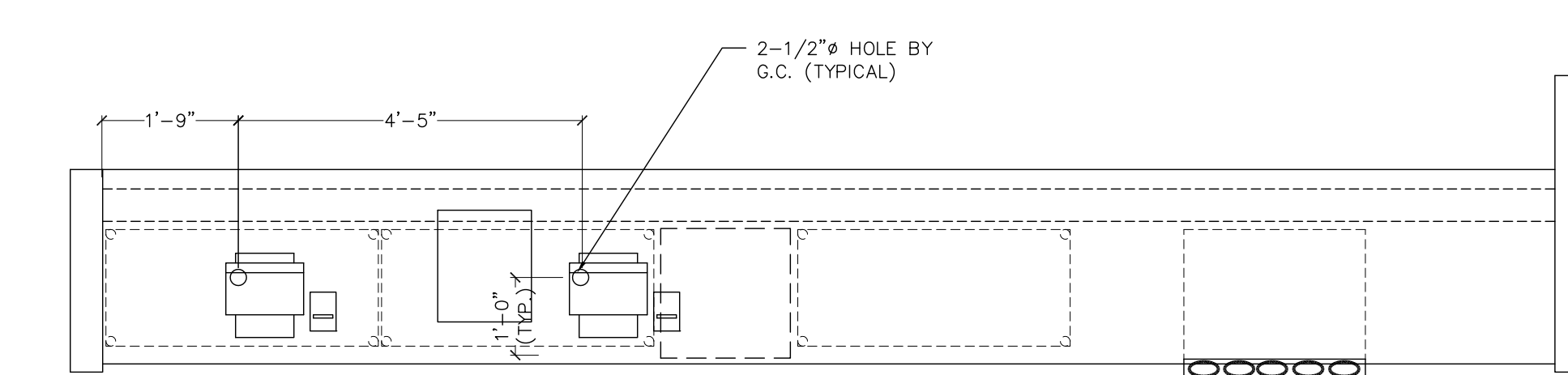
DETAIL	DESCRIPTION
	DUPLEX 125V-20A-2 POLE-3 WIRE STRAIGHT BLADE RECEPTACLE OUTLET - WALL MTD. (24" A.F.F., - U.O.N.)
	SINGLE 125V-20A-2 POLE-3 WIRE STRAIGHT BLADE RECEPTACLE OUTLET - WALL MTD. (24" A.F.F., - U.O.N.)
	DRYWALL P-RING
	BUMP-BAR
	TELEPHONE OUTLET FOR P.O.S. MODEM (ALL OUTLETS HOMERUN IN 3/4" CONDUIT TO TELEPHONE BACKBOARD) MOUNT 96" A.F.F.
	P.O.S. PRINTER DEVICE
	P.O.S. REGISTER DEVICE
	VIDEO DISPLAY DEVICE (CEILING MTD.)
	SECURITY CAMERA BY "PRIVID-EYE" CONTACT: LARRY SATTLER, 954-581-1756
	SECURITY MONITOR BY "PRIVID-EYE" PROVIDE DUPLEX RECEPTACLE @ 84" A.F.F. (VERIFY) CONNECT TO P.O.S. CIRCUIT

**NOTES:**

- 1. (1) DUPLEX RECEPTACLE PER SCREEN
- 2. (1) P-RING PER SCREEN WITH 1" CONDUIT TO ABOVE CEILING. DATA CABLE TO RUN TO MEDIA PLAYER(S) IN OFFICE
- 3. VERIFY NUMBER OF SCREENS USED (3 OR 4) PRIOR TO INSTALLATION OF RECEPTACLES AND P-RINGS.
- 4. DETERMINE SCREEN AND MOUNTING BRACKET MODELS PRIOR TO INSTALLATION OF RECEPTACLES AND P-RINGS. REFER TO SHEET E-2, POWER PLAN FOR CIRCUITING REQUIREMENTS.

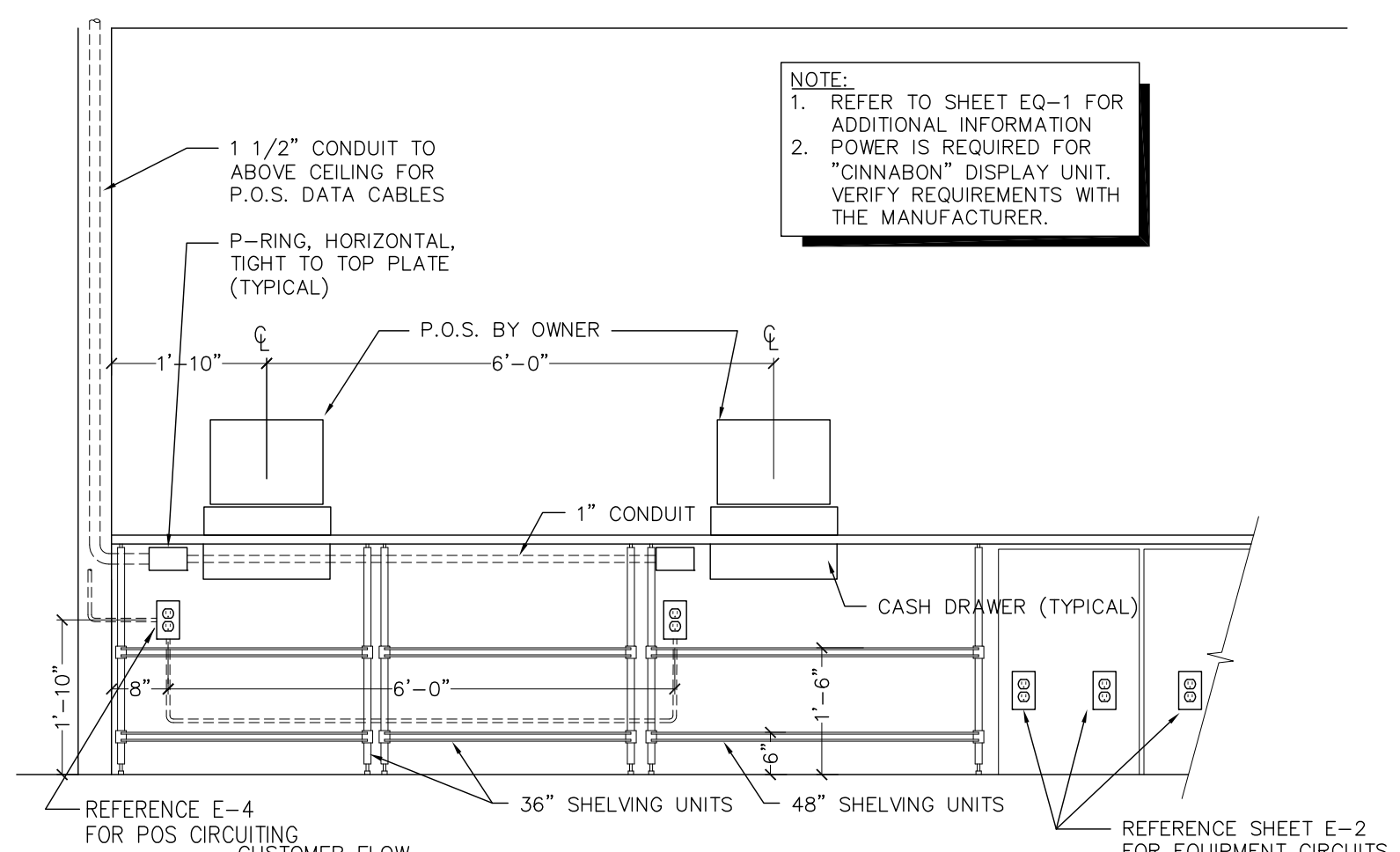


**DIGITAL MENU BOARD INSTALLATION**  
SCALE: 1/2" = 1'-0"



**SERVICE COUNTER PLAN**

SCALE: 1/2" = 1'-0"



**KITCHEN SIDE COUNTER ELEVATION**

SCALE: 1/2" = 1'-0"

FRANCHISEE:  
GPS HOSPITALITY  
2100 RIVEREDGE PARKWAY  
SUITE 850  
ATLANTA, GA 30328  
PHONE: 770-738-8798

CHECKED BY: SMC  
DATE: 03-21-2018  
REVISION  
ISSUED FOR CONSTRUCTION

**CURRAN ARCHITECTURE**  
5719 LAWTON LOOP E. DR. #212  
INDIANAPOLIS, IN 46216  
O :: 317.288.0681  
F :: 317.288.0753



PROJECT #: 180004

**BURGER KING RESTAURANT**  
771 BUCHANAN TRAIL EAST  
GREENCASTLE, PA 17225

TECHNOLOGY PLAN

### "MORNING ARRIVAL"

STEP 1  
 RUN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE KITCHEN AIR CONDITIONING SYSTEM WILL GO TO THE UNOCCUPIED MODE TO THE THERMOSTAT SET POINT.

NOTE: THE AIR CONDITIONING FAN WILL START AND RUN CONTINUOUSLY. EXHAUST FAN WILL NOT RUN UNTIL THIS SWITCH IS IN THE OCCUPIED POSITION.

STEP 2  
 TURN ON THE EXHAUST FAN SWITCH TO THE ON POSITION. THIS WILL ALLOW YOU TO TURN ON THE FRYERS AND BROILER.

### "RESTAURANT OPEN FOR BUSINESS"

STEP 1  
 TURN THE DINING UNOCCUPIED-OCCUPIED SWITCH TO THE OCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTAT SET POINT.

STEP 2  
 TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE AUTO POSITION. THIS WILL TURN THE SIGN AND LIGHTS ON. THE LIGHTS WILL AUTOMATICALLY COME ON AFTER DARK. TURN THE SWITCH TO THE ON POSITION TO PREVENT THE LIGHTS FROM TURNING OFF AT ANY TIME THE LIGHTING MUST REMAIN ON.

### "RESTAURANT CLOSE FOR BUSINESS"

STEP 1  
 TURN THE DINING UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

STEP 2  
 TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE OFF POSITION. THIS WILL STOP THE LIGHTING PROGRAMS.

STEP 3  
 TURN THE EXHAUST FAN SWITCH TO THE OFF POSITION. THIS WILL STOP THE FRYERS AND BROILER. THE EXHAUST FAN SWITCH IS TURNED TO THE OFF POSITION.

NOTE: THE FRYERS AND BROILER SHOULD BE STOPPED BEFORE TURNING THE HOOD OFF TO PREVENT ACCIDENTAL ANSUL DISCHARGE. THE BROILERS SHOULD BE STOPPED BEFORE TURNING THE EXHAUST FAN SWITCH TO THE OFF POSITION.

### "EMPLOYEES LEAVING THE BUILDING"

STEP 1  
 WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURE SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

### "MANAGER/LAST PERSON LEAVING THE BUILDING"

STEP 1  
 TURN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE KITCHEN AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

STEP 2  
 WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURE SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

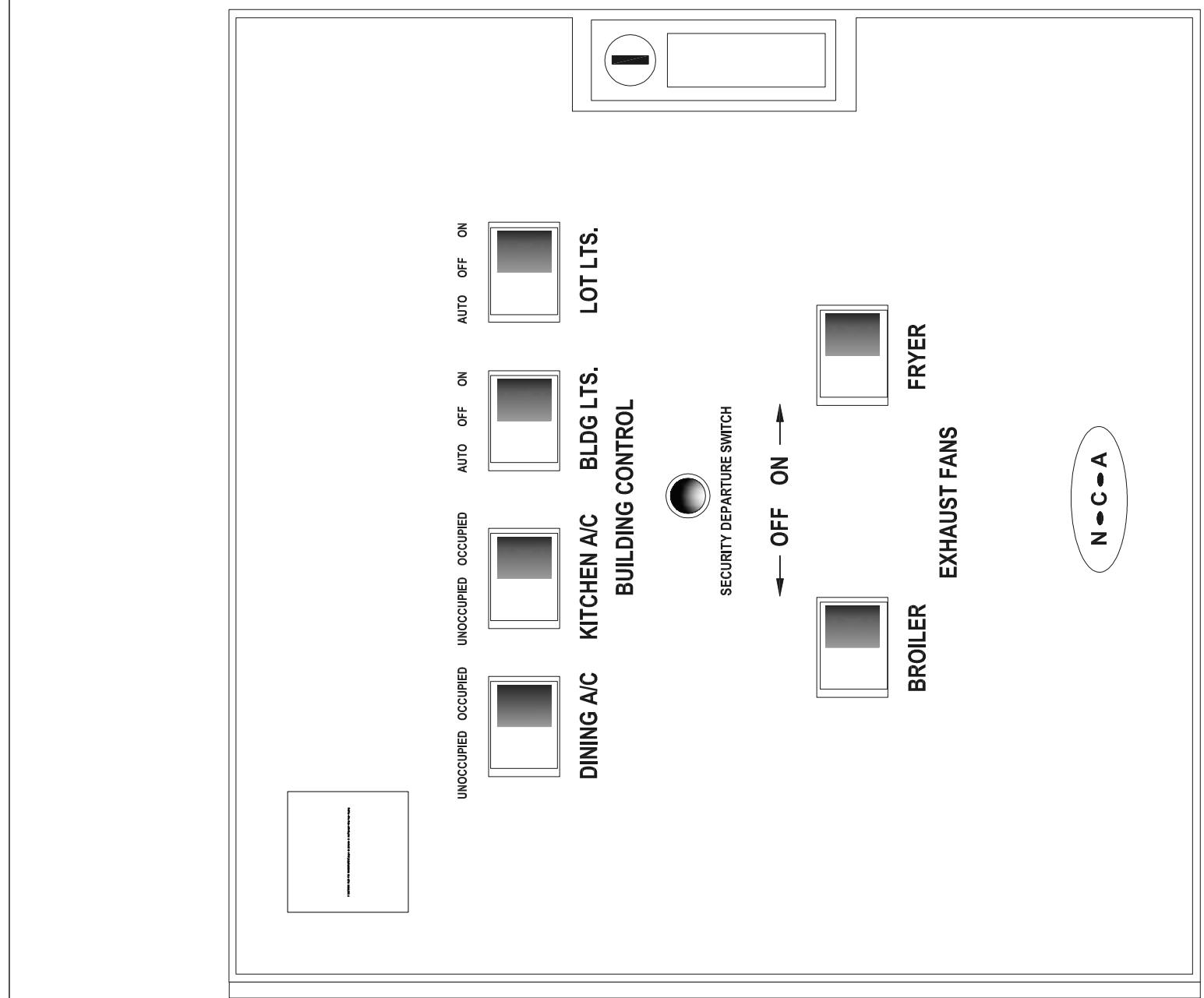
### "HOOD VENTILATION SYSTEM NOTE"

WHEN THE HOOD EXHAUST FAN CURRENT (SUCH AS A BELL BREAKING) IT WILL DISABLE THE LINE VOLTAGE TO THE EXHAUST FANS. FRYER FAN SWITCH SHOULD BE PLACED IN THE OFF POSITION AND THE FAN SHOULD BE CHECKED DURING THE TURNING OF THE SWITCH TO THE ON POSITION.

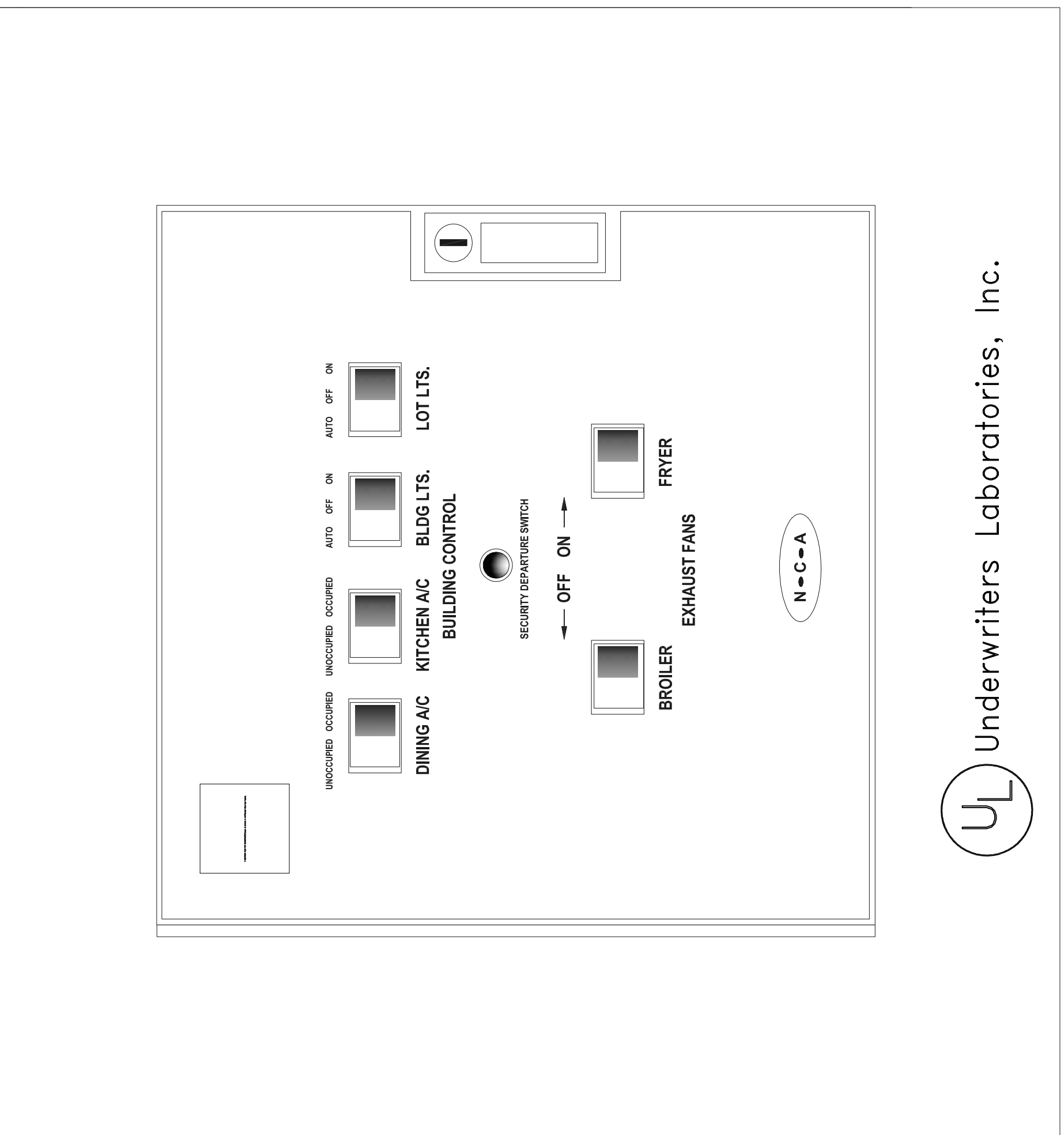
### "PARKING LOT LIGHTING NOTE"

WHEN THE PARKING LOT LIGHTS ARE TURNED OFF, THEY MUST COOL DOWN FOR ABOUT 10 MINUTES BEFORE THEY WILL COME BACK ON.

\*NOTE: IF IT IS NECESSARY TO ADJUST THE AMPERAGE OF THE BROILER EXHAUST HOOD FAN MOTOR, THE FAN MOTOR CURRENT MUST BE ADJUSTED TO THE CORRECT CURRENT. ADJUST UNDERCURRENT POTENTIOMETER TO MAXIMUM (CLOCKWISE IS MAXIMUM). APPLY CURRENT ONCE CURRENT IS STABILIZED. LIGHT TURNS OFF WITHIN SEVEN SECONDS. TURN UP UNTIL RED LIGHT TURNS ON. IF A LIGHT REMAINS OFF FOR MORE THEN TEN MINUTES, STOP THE LIGHTS AND CHECK THE P.N. MRP COVER.



UL Underwriters Laboratories, Inc.



**N-C-O-A**  
 CONSULTANTS / GROUP  
 4585 140TH AVE. NORTH, SUITE #1001  
 FORT LAUDERDALE, FL 33404  
 PHONE: (877) 530-0078  
 CALL NCA MARKETING FOR PRICING  
 NCA\_JOB# 18-251

**SEQUENCE OF OPERATION**

**MANUAL CONTROL SYSTEM**

THE AC UNITS UNOCCUPIED-OCCUPIED SWITCH IS USED TO TURN THE STORE ON IN THE MORNING AND OFF IN THE EVENING. WHEN AC UNIT UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE ON POSITION, THE AIR CONDITIONING SYSTEM WILL GO FROM NIGHT MODE TO SYSTEM ON.

THE AIR CONDITIONING FANS WILL START AND RUN CONTINUOUSLY.

THE OUTDOOR DAMPERS WILL OPEN TO A PRESET POSITION. (OPTIONAL)

DAMPERS WILL NOT OPEN DURING NIGHT SET BACK MODE. (OPTIONAL)

THE AIR CONDITIONERS WILL BEGIN TO COOL OR HEAT AT THE OCCUPIED TEMPERATURE SETPOINT.

THE COOKING EQUIPMENT AND EXHAUST FANS CAN NOW BE TURNED ON WHEN NEEDED.

WHEN AC UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE OFF POSITION: EXHAUST FANS, SUPPLY FANS, AND EXHAUST FAN FLOWERS WILL SHUT DOWN.

THE HEATING AND COOLING OPERATION SHALL REVERT TO SYSTEM NIGHT SET BACK MODE.

THE COOKING EQUIPMENT SHALL BE DISABLED.

THE STORAGE LIGHTING & LOT LIGHTING SHALL BE DISABLED IF SWITCHES ARE IN THE OFF POSITION.

THE PARKING LOT LIGHTS & SECURITY LIGHTS SHALL REMAIN ON FOR 15 MINUTES AFTER THE UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE OFF POSITION. AFTER 15 MINUTES, THE LIGHTS WILL SHUT OFF. IT WILL DISABLE THE LINE VOLTAGE TO THE FRYER AND BROILER APPLIANCES.

**HOOD VENTILATION SYSTEM**

IF THE HOOD VENTILATION SWITCH IS IN THE OPEN POSITION, THE HOOD VENTILATION SYSTEM CAN BE STARTED. THE BROILER SYSTEMS AND THE FRYER SYSTEMS SHALL BE STARTED BY TROWING THE POWER SWITCH TO THE ON POSITION. IF EITHER THE BROILER OR FRYER SWITCH IN THE ON POSITION, THE MAKE-UP AIR UNIT (IF APPLICABLE) SHALL START AUTOMATICALLY.

ACTIVATION OF THE MAKE-UP AIR SUPPLY SYSTEM SHALL BE SUBJECT TO THE MAKE-UP AIR UNIT. ALL AS UNITS, AS THE CONTROLLED COOKING EQUIPMENT, THE BROILER AND THE FRYER EXHAUST SYSTEMS CONTINUE TO OPERATE, THE FRYER SUPPRESSION SYSTEM SHALL BE MANUALLY RESET.

**EXTERIOR LIGHTING CONTROL**

ALL OF THE EXTERIOR LIGHTING SHALL BE CONTROLLED WITH THE EXCEPTION OF THE SECURITY LIGHTS WHICH SHALL BE OPERATED BY ITS OWN PHOTOCELL SECURITY LIGHTING IS OPTIONAL.

THE SIGNAGE SELECTOR SWITCH (S-P-S) CONTROLS THE PRIME SIGN, ALL WALKWAY SIGNS, AND BUILDING ACCENT LIGHTING. ON POSITION: LIGHTING SHALL BE OFF PERMANENTLY. OFF POSITION: LIGHTING SHALL BE OFF PERMANENTLY.

AUTO POSITION: LIGHTING SHALL BE CONTROLLED BY THE PHOTO CELL.

THE LOT LIGHTS THREE POSITION SWITCH WORKS THE SAME AS THE SIGNAGE SWITCH.

NOTE: UNOCCUPIED/OCCUPIED / MASTER RELAY PANEL SHALL BE COMPLETE WHEN SHIPPED TO THE JOB SITE. NO INTERNAL WIRING SHALL BE REQUIRED. MAKE ALL EXTERNAL WIRING CONNECTIONS AS REQUIRED.

WIRING POINT	DESCRIPTION	WIRING POINT	DESCRIPTION
C-1	24V POWER	C-11	24V POWER
C-2	FAN CONTROL	C-12	FAN CONTROL
C-3	COOLING ST. 1	C-13	COOLING ST. 1
C-4	HEATING ST. 1	C-14	HEATING ST. 1
C-5	COMMON	C-15	COMMON
C-6	COOLING ST. 2	C-16	COOLING ST. 2
C-7	HEATING ST. 2	C-17	HEATING ST. 2
C-8	COMMON	C-18	COMMON
C-9	24V POWER	C-19	24V POWER
C-10	FAN CONTROL	C-20	FAN CONTROL
C-11	COOLING ST. 1	C-21	COOLING ST. 1
C-12	HEATING ST. 1	C-22	HEATING ST. 1
C-13	COMMON	C-23	COMMON
C-14	COOLING ST. 2	C-24	COOLING ST. 2
C-15	HEATING ST. 2	C-25	HEATING ST. 2
C-16	COMMON	C-26	COMMON
C-17	24V POWER	C-27	24V POWER
C-18	FAN CONTROL	C-28	FAN CONTROL
C-19	COOLING ST. 1	C-29	COOLING ST. 1
C-20	HEATING ST. 1	C-30	HEATING ST. 1
C-21	COMMON	C-31	COMMON
C-22	COOLING ST. 2	C-32	COOLING ST. 2
C-23	HEATING ST. 2	C-33	HEATING ST. 2
C-24	COMMON	C-34	COMMON
C-25	24V POWER	C-35	24V POWER
C-26	FAN CONTROL	C-36	FAN CONTROL
C-27	COOLING ST. 1	C-37	COOLING ST. 1
C-28	HEATING ST. 1	C-38	HEATING ST. 1
C-29	COMMON	C-39	COMMON
C-30	COOLING ST. 2	C-40	COOLING ST. 2
C-31	HEATING ST. 2	C-41	HEATING ST. 2
C-32	COMMON	C-42	COMMON

**FRANCIHEESE:**  
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**CURRAN ARCHITECTURE**



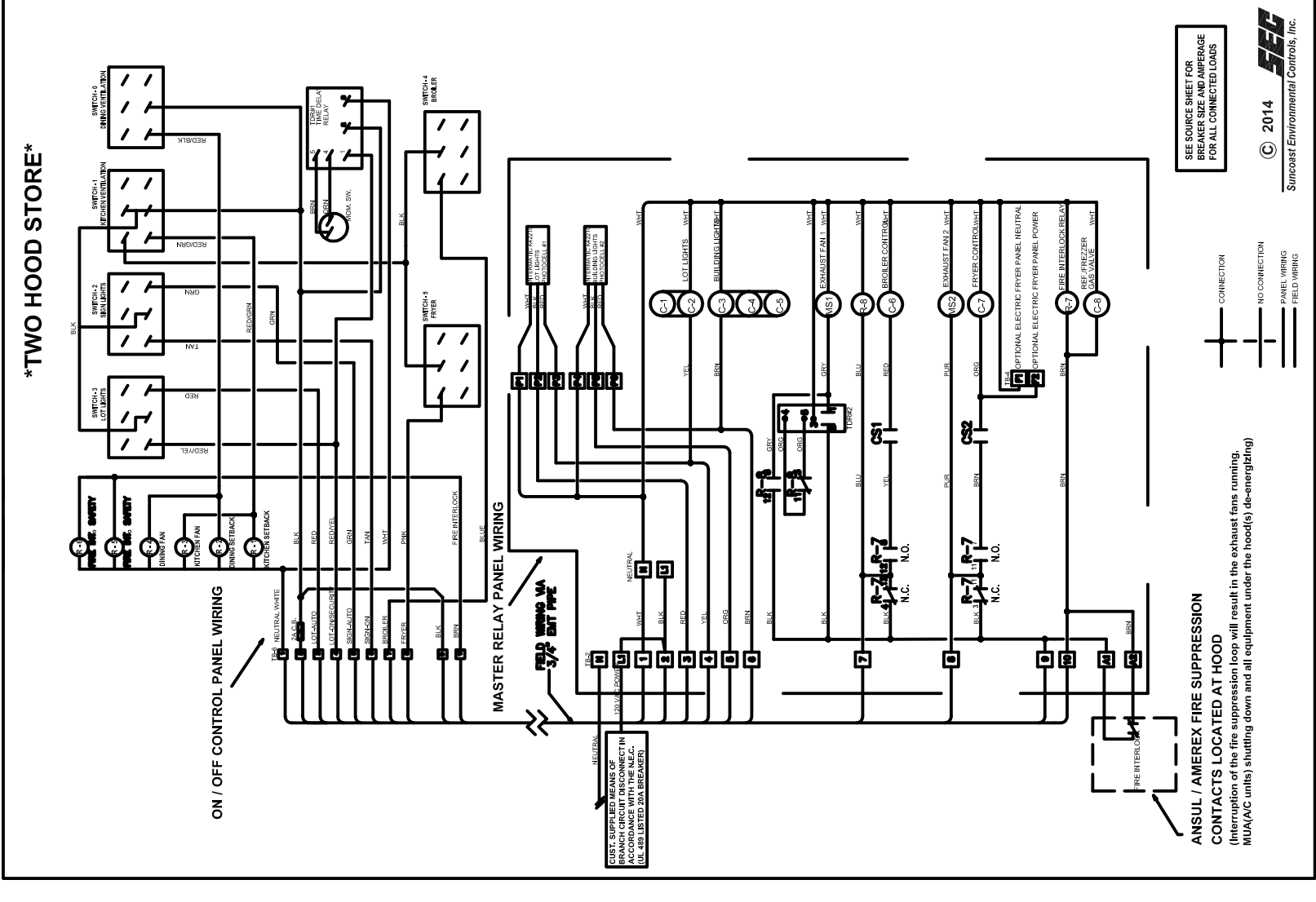
PROJECT # 180004  
 ROC-60 REVERSE  
 BUCHANAN TRAIL EAST  
 GREENCASTLE, PA 17225  
 XXX BUCHANAN RESTAURANT  
 INTERLOCK PANEL DETAILS

DATE: 01-05-2018  
 DRAWN BY: BWW  
 CHECKED BY: SMC  
 REVISION  
 NO. DATE  
 ISSUED FOR CONSTRUCTION

**ELECTRICAL CONTRACTOR NOTES:**

1. RUN ONE (1) CONDUCTOR TO GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE UNOCCUPIED-OCCUPIED PANEL.
2. RUN ONE (1) CONDUCTOR TO GAUGE THERMOSTAT CABLE FROM THE UNOCCUPIED-OCCUPIED PANEL TO THE THERMOSTAT LOCATION.
3. RUN ONE (1) CONDUCTOR FROM THE BROILER HOOD EXHAUST FAN TO THE MASTER RELAY PANEL.
4. TERMINATION OF ALL 24 VOLT AIR CONDITIONING CONTROL WIRING SHALL BE DONE BY THE MECHANICAL CONTRACTOR.
5. ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR LOCATED IN THE BROILER HOOD EXHAUST FAN TO THE CONTRACTOR PANEL. LOCATED BY THE SWITCHGEAR.

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PANEL SCHEMATIC DIAGRAMS